

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120722\
 Data File : BF131548.D
 Acq On : 07 Dec 2022 21:45
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120722

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/08/2022
 Supervised By : Jagrut Upadhyay 12/08/2022

Quant Time: Dec 08 04:32:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 08 04:25:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	62552	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	224386	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	138568	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	282861	20.000	ng	0.00
76) Chrysene-d12	14.110	240	184773	20.000	ng	0.00
86) Perylene-d12	15.621	264	137408	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	302461	81.669	ng	0.00
7) Phenol-d6	6.534	99	398826	81.321	ng	0.00
23) Nitrobenzene-d5	7.487	82	474900	82.823	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	142104	87.930	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	905782	82.938	ng	0.00
79) Terphenyl-d14	13.051	244	1111054	80.106	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	64945	40.325	ng	100
3) Pyridine	3.428	79	186220	41.555	ng	96
4) n-Nitrosodimethylamine	3.405	42	103429	42.853	ng	99
6) Aniline	6.575	93	242861	41.272	ng	99
8) 2-Chlorophenol	6.693	128	158983	40.366	ng	98
9) Benzaldehyde	6.463	77	125631	36.889	ng	98
10) Phenol	6.551	94	224261	40.797	ng	95
11) bis(2-Chloroethyl)ether	6.646	93	169324	40.503	ng	98
12) 1,3-Dichlorobenzene	6.851	146	182983	39.499	ng	99
13) 1,4-Dichlorobenzene	6.928	146	187444	40.113	ng	98
14) 1,2-Dichlorobenzene	7.087	146	182025	41.423	ng	97
15) Benzyl Alcohol	7.057	79	194123	42.447	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.187	45	217293	41.485	ng	99
17) 2-Methylphenol	7.163	107	147004	40.678	ng	97
18) Hexachloroethane	7.428	117	78369	41.477	ng	99
19) n-Nitroso-di-n-propyla...	7.334	70	155809	41.309	ng	95
20) 3+4-Methylphenols	7.316	107	204486	41.117	ng	99
22) Acetophenone	7.328	105	280543	40.399	ng	98
24) Nitrobenzene	7.504	77	237532	41.129	ng	99
25) Isophorone	7.740	82	398583	41.532	ng	99
26) 2-Nitrophenol	7.816	139	89191	43.636	ng	98
27) 2,4-Dimethylphenol	7.851	122	133139	40.598	ng	94
28) bis(2-Chloroethoxy)met...	7.951	93	199253	39.979	ng	100
29) 2,4-Dichlorophenol	8.057	162	155769	40.362	ng	96
30) 1,2,4-Trichlorobenzene	8.140	180	188993	39.880	ng	97
31) Naphthalene	8.228	128	506180	39.938	ng	98
32) Benzoic acid	7.981	122	100403	39.632	ng	97
33) 4-Chloroaniline	8.275	127	196087	41.437	ng	99
34) Hexachlorobutadiene	8.340	225	136855	40.227	ng	98
35) Caprolactam	8.657	113	45779	44.350	ng	99
36) 4-Chloro-3-methylphenol	8.751	107	183736	42.232	ng	95
37) 2-Methylnaphthalene	8.916	142	356492	40.676	ng	100
38) 1-Methylnaphthalene	9.016	142	341611	40.207	ng	96
40) 1,2,4,5-Tetrachloroben...	9.081	216	207915	40.344	ng	100
41) Hexachlorocyclopentadiene	9.069	237	108066	40.620	ng	100
43) 2,4,6-Trichlorophenol	9.192	196	136029	42.124	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.234	196	143074	42.205	ng	97
46) 1,1'-Biphenyl	9.387	154	451216	41.351	ng	99
47) 2-Chloronaphthalene	9.410	162	361750	40.717	ng	99
48) 2-Nitroaniline	9.510	65	134821	43.988	ng	99
49) Acenaphthylene	9.828	152	549287	42.076	ng	99
50) Dimethylphthalate	9.692	163	463126	43.250	ng	99
51) 2,6-Dinitrotoluene	9.751	165	95040	43.144	ng	97
52) Acenaphthene	10.004	154	376568	42.835	ng	98
53) 3-Nitroaniline	9.928	138	91590	43.910	ng	84
54) 2,4-Dinitrophenol	10.028	184	56721	44.015	ng	# 85
55) Dibenzofuran	10.175	168	525063	42.097	ng	98
56) 4-Nitrophenol	10.075	139	67197	45.456	ng	94
57) 2,4-Dinitrotoluene	10.157	165	129468	44.314	ng	92
58) Fluorene	10.516	166	435874	42.547	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.287	232	125633m	42.893	ng	
60) Diethylphthalate	10.387	149	458913	43.656	ng	99
61) 4-Chlorophenyl-phenyle...	10.510	204	238991	41.752	ng	98
62) 4-Nitroaniline	10.545	138	90844	43.427	ng	99
63) Azobenzene	10.669	77	494372	43.013	ng	98
65) 4,6-Dinitro-2-methylph...	10.563	198	80285	42.591	ng	94
66) n-Nitrosodiphenylamine	10.634	169	358630	38.933	ng	100
67) 4-Bromophenyl-phenylether	11.004	248	146177	39.331	ng	# 89
68) Hexachlorobenzene	11.063	284	155452	38.831	ng	96
69) Atrazine	11.157	200	128752	42.806	ng	99
70) Pentachlorophenol	11.257	266	89439	42.080	ng	99
71) Phenanthrene	11.486	178	631931	39.983	ng	99
72) Anthracene	11.539	178	617183	40.174	ng	99
73) Carbazole	11.692	167	508696	40.320	ng	99
74) Di-n-butylphthalate	12.022	149	719229	42.552	ng	99
75) Fluoranthene	12.680	202	701320	41.393	ng	99
77) Benzidine	12.798	184	125577	35.901	ng	98
78) Pyrene	12.910	202	700064	38.865	ng	99
80) Butylbenzylphthalate	13.527	149	267144	45.667	ng	100
81) Benzo(a)anthracene	14.104	228	572094	42.772	ng	100
82) 3,3'-Dichlorobenzidine	14.063	252	155992	41.902	ng	99
83) Chrysene	14.139	228	535985	42.138	ng	99
84) Bis(2-ethylhexyl)phtha...	14.080	149	351396	43.778	ng	99
85) Di-n-octyl phthalate	14.704	149	465702	43.063	ng	100
87) Indeno(1,2,3-cd)pyrene	17.163	276	364291	36.205	ng	99
88) Benzo(b)fluoranthene	15.174	252	386660	41.149	ng	99
89) Benzo(k)fluoranthene	15.210	252	410550	42.718	ng	98
90) Benzo(a)pyrene	15.557	252	312920	40.698	ng	97
91) Dibenzo(a,h)anthracene	17.180	278	306574	36.371	ng	99
92) Benzo(g,h,i)perylene	17.633	276	296336	36.575	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

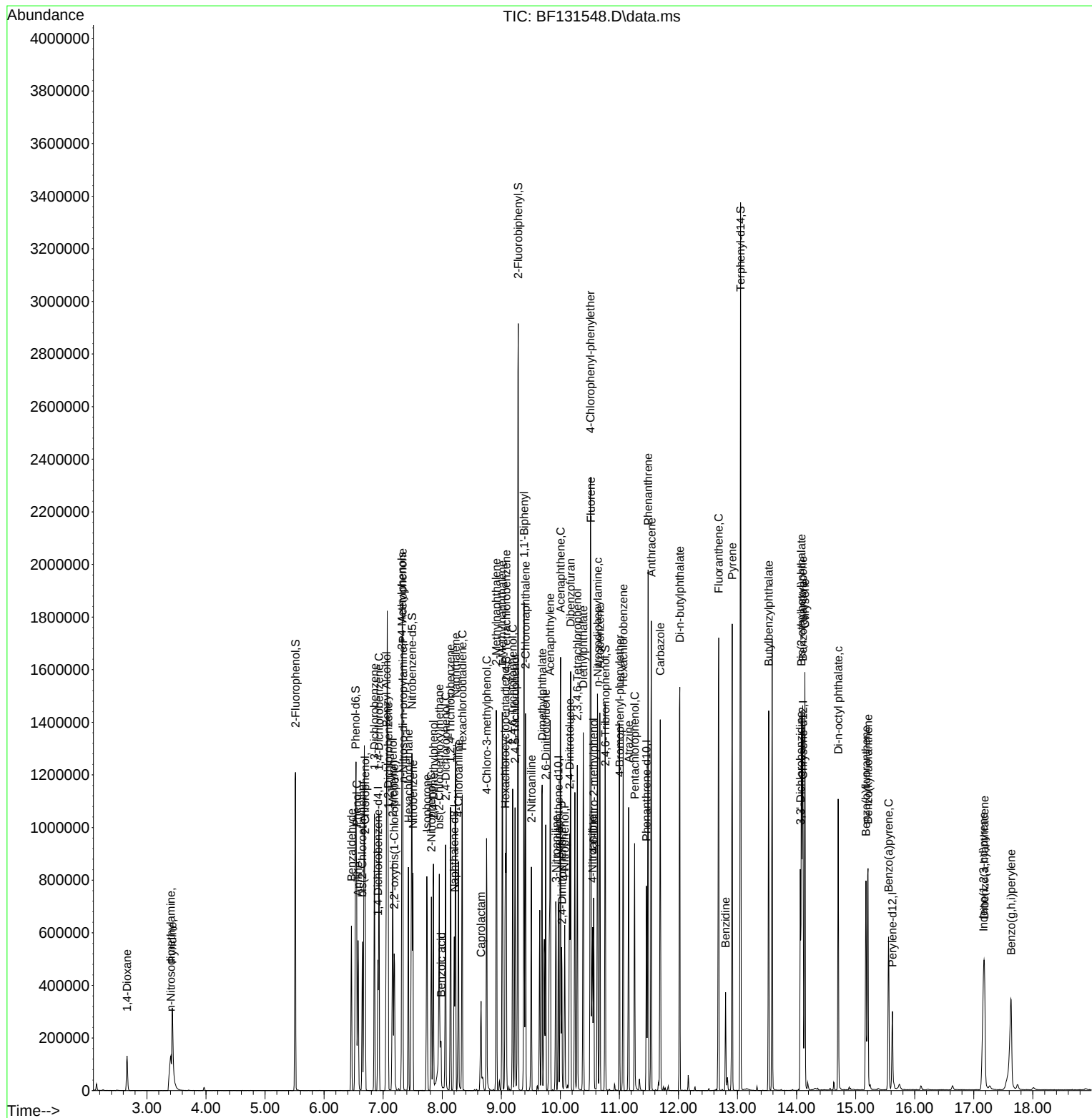
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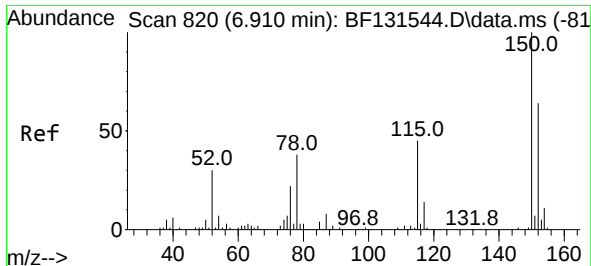
Instrument :
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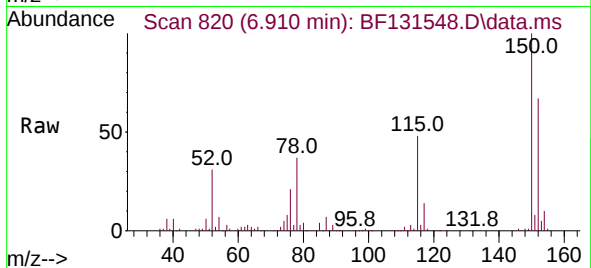
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131548.D
 Acq: 07 Dec 2022 21:45

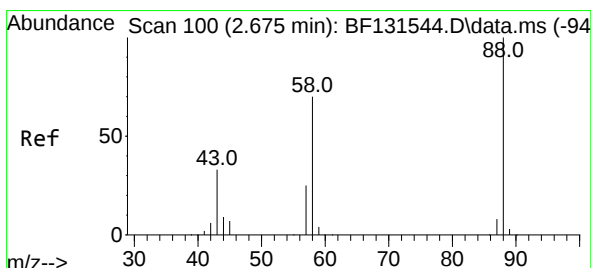
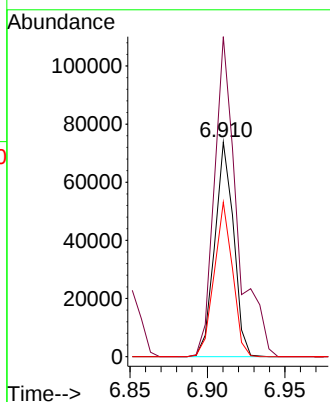
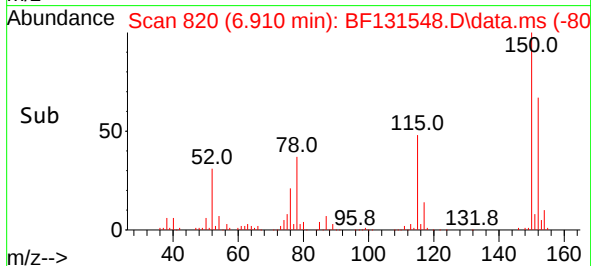
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120722



Tgt Ion:152 Resp: 62552
 Ion Ratio Lower Upper
 152 100
 150 149.2 124.3 186.5
 115 72.0 56.2 84.4

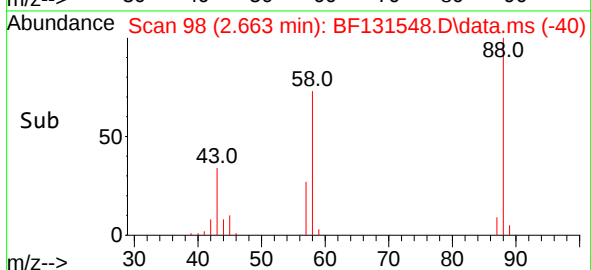
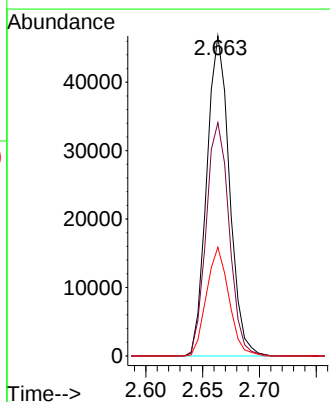
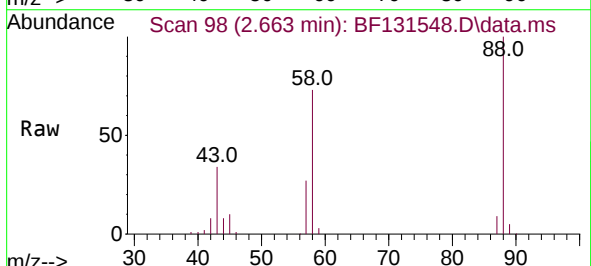
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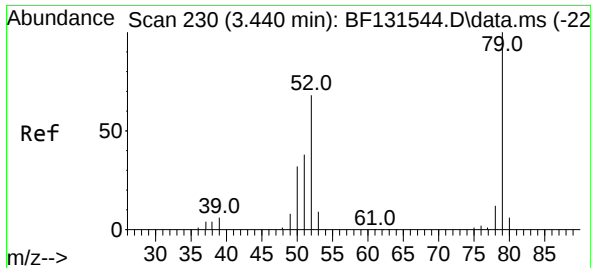
Reviewed By :Christian Giraldo 12/08/2022
 Supervised By :Jagrut Upadhyay 12/08/2022



#2
 1,4-Dioxane
 Concen: 40.325 ng
 RT: 2.663 min Scan# 98
 Delta R.T. -0.012 min
 Lab File: BF131548.D
 Acq: 07 Dec 2022 21:45

Tgt Ion: 88 Resp: 64945
 Ion Ratio Lower Upper
 88 100
 58 74.1 59.0 88.6
 43 33.6 26.6 39.8





#3

Pyridine

Concen: 41.555 ng

RT: 3.428 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF131548.D

Acq: 07 Dec 2022 21:45

Instrument :

BNA_F

ClientSampleId :

ICVBF120722

Tgt Ion: 79 Resp: 186220

Ion Ratio Lower Upper

79 100

52 72.0 54.6 82.0

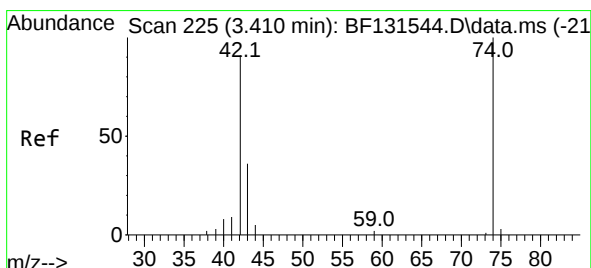
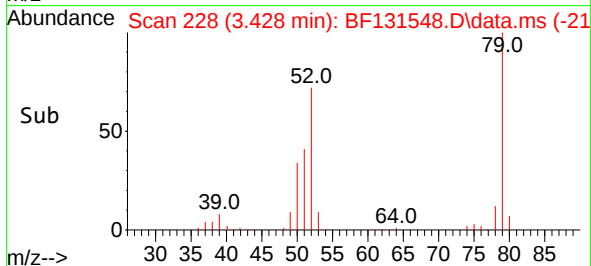
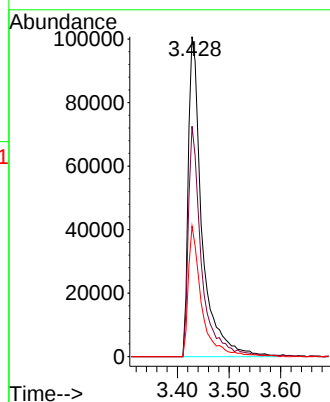
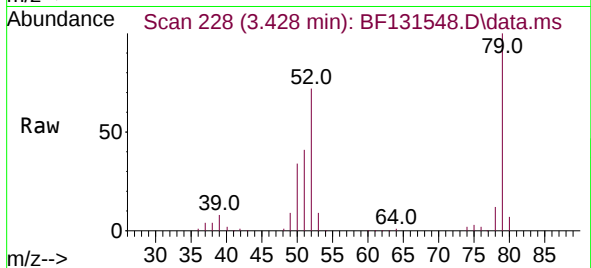
51 40.8 30.6 46.0

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#4

n-Nitrosodimethylamine

Concen: 42.853 ng

RT: 3.405 min Scan# 224

Delta R.T. -0.006 min

Lab File: BF131548.D

Acq: 07 Dec 2022 21:45

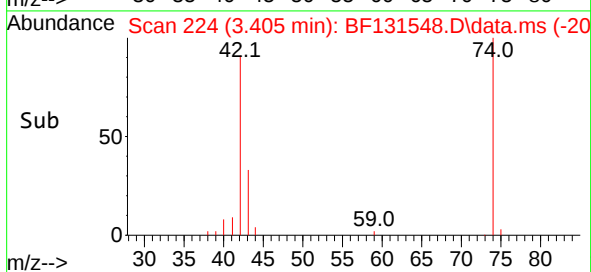
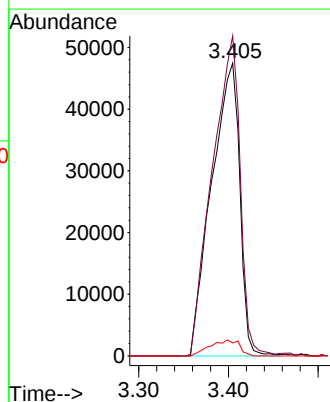
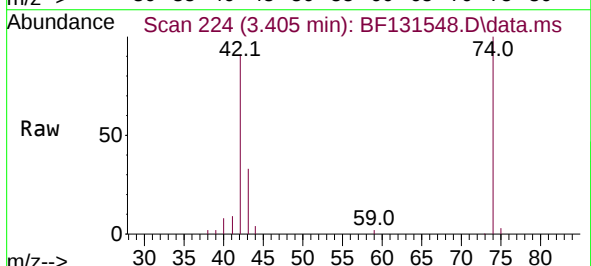
Tgt Ion: 42 Resp: 103429

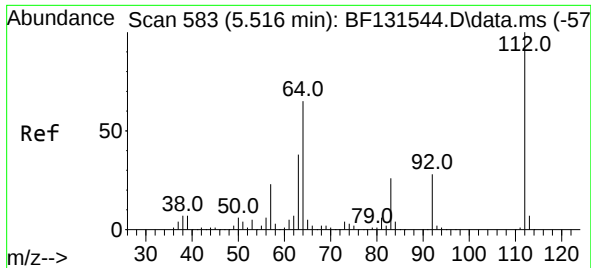
Ion Ratio Lower Upper

42 100

74 109.3 88.4 132.6

44 4.4 4.0 6.0





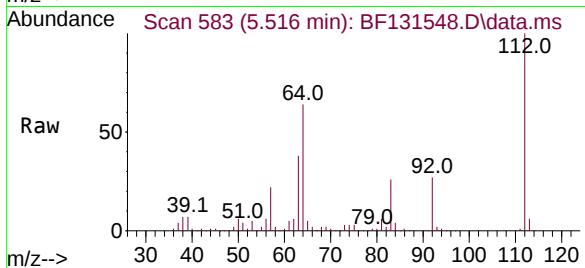
#5
2-Fluorophenol
Concen: 81.669 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

Instrument :

BNA_F

ClientSampleId :

ICVBF120722

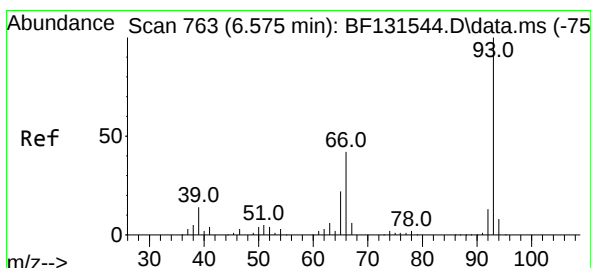
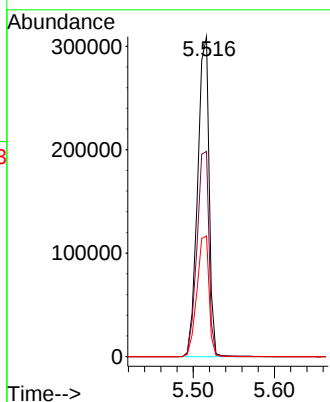
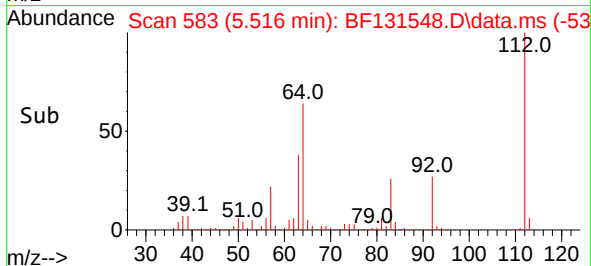


Tgt Ion:112 Resp: 302461
Ion Ratio Lower Upper
112 100
64 64.1 51.9 77.9
63 37.7 30.1 45.1

Manual Integrations

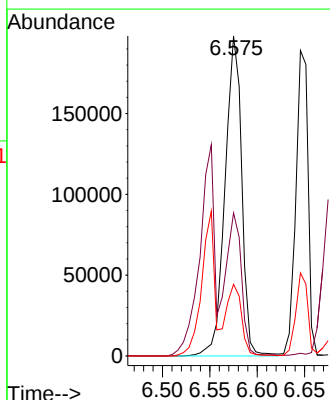
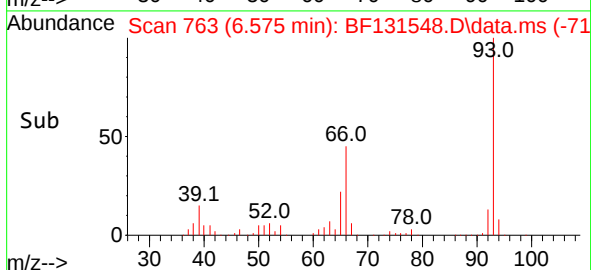
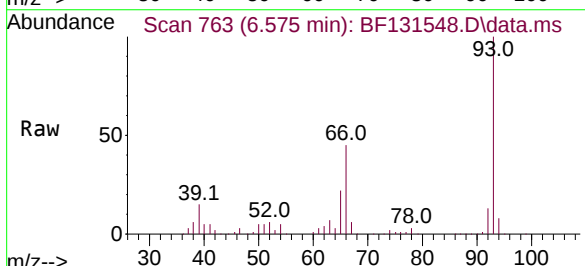
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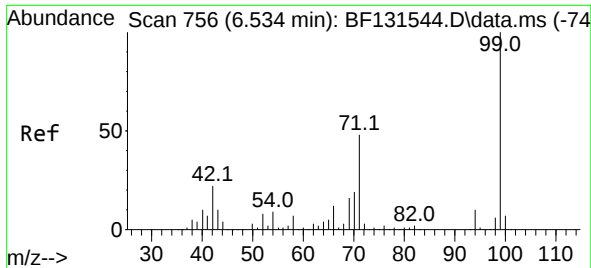
Reviewed By :Christian Giraldo 12/08/2022
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#6
Aniline
Concen: 41.272 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

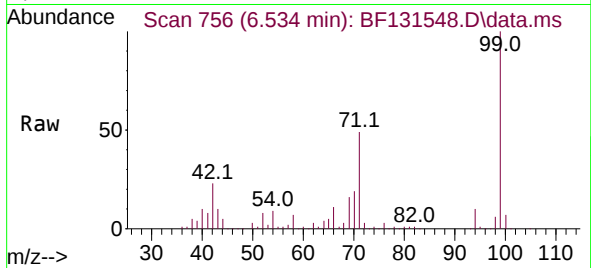
Tgt Ion: 93 Resp: 242861
Ion Ratio Lower Upper
93 100
66 44.7 35.4 53.0
65 22.4 17.8 26.6





#7
Phenol-d6
Concen: 81.321 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

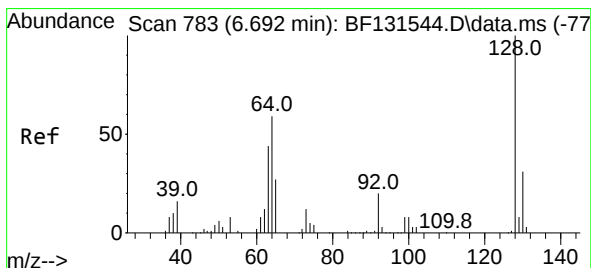
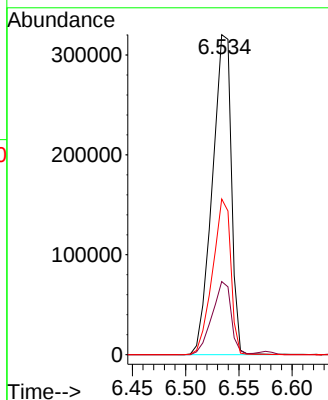
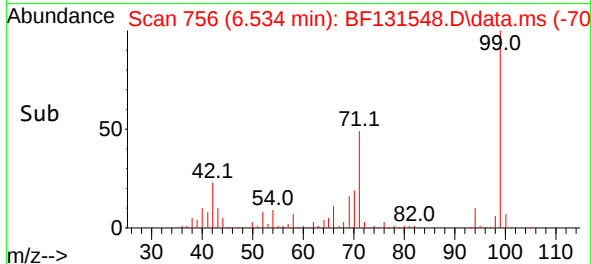
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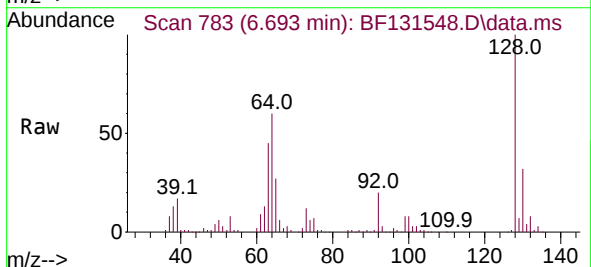
Tgt Ion: 99 Resp: 398826
Ion Ratio Lower Upper
99 100
42 22.8 17.9 26.9
71 48.7 38.4 57.6

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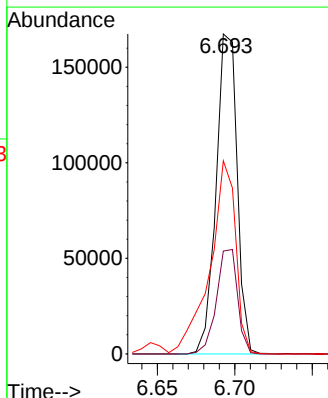
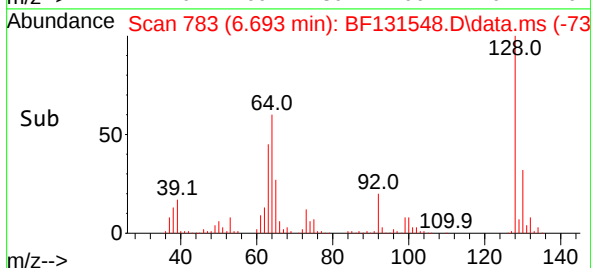
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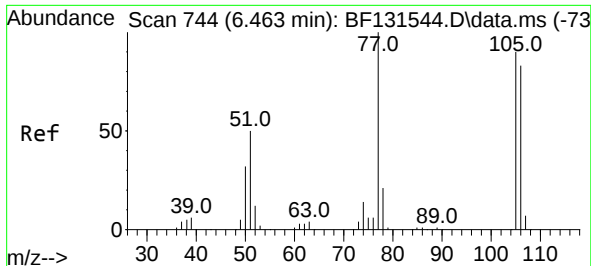


#8
2-Chlorophenol
Concen: 40.366 ng
RT: 6.693 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45



Tgt Ion:128 Resp: 158983
Ion Ratio Lower Upper
128 100
130 32.1 10.7 50.7
64 60.3 41.3 81.3





#9

Benzaldehyde

Concen: 36.889 ng

RT: 6.463 min Scan# 744

Delta R.T. 0.000 min

Lab File: BF131548.D

Acq: 07 Dec 2022 21:45

Instrument :

BNA_F

ClientSampleId :

ICVBF120722

Tgt Ion: 77 Resp: 125631

Ion Ratio Lower Upper

77 100

105 88.7 70.3 110.3

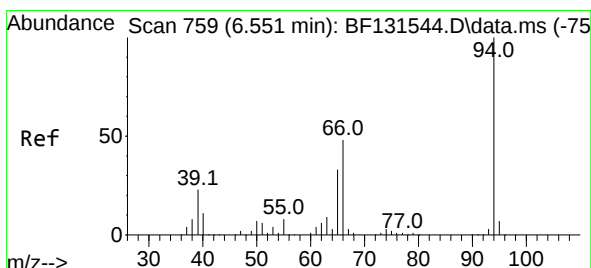
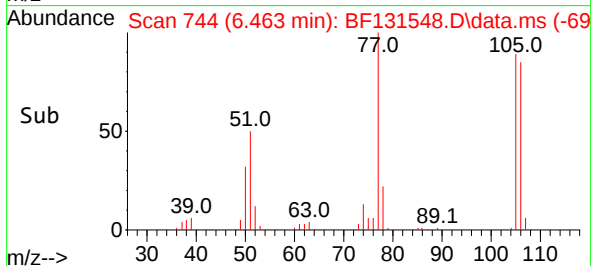
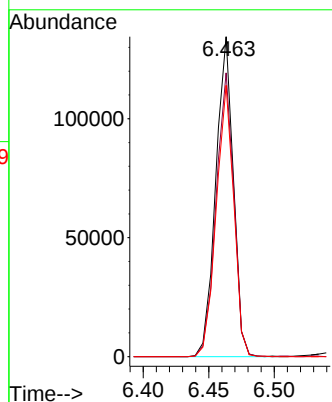
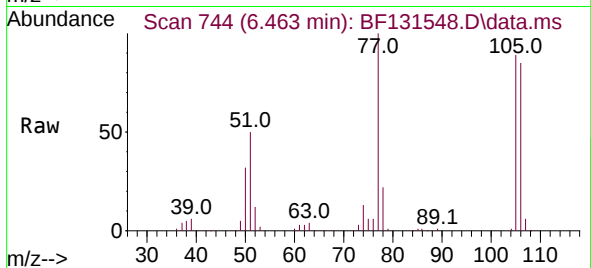
106 84.8 63.1 103.1

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#10

Phenol

Concen: 40.797 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF131548.D

Acq: 07 Dec 2022 21:45

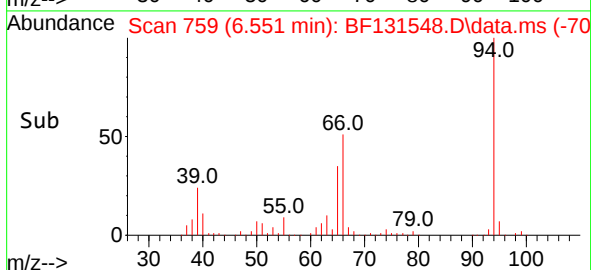
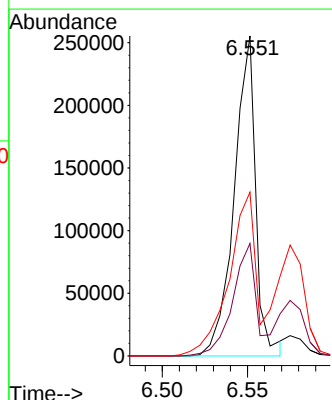
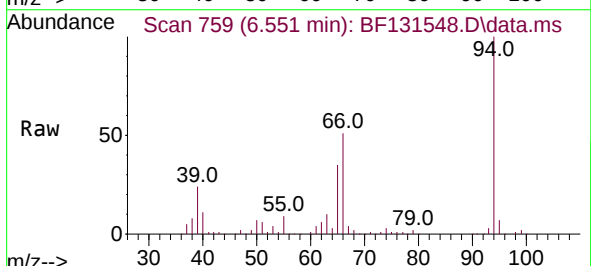
Tgt Ion: 94 Resp: 224261

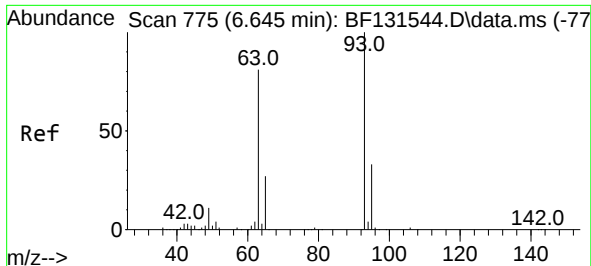
Ion Ratio Lower Upper

94 100

65 35.1 12.7 52.7

66 51.2 28.0 68.0





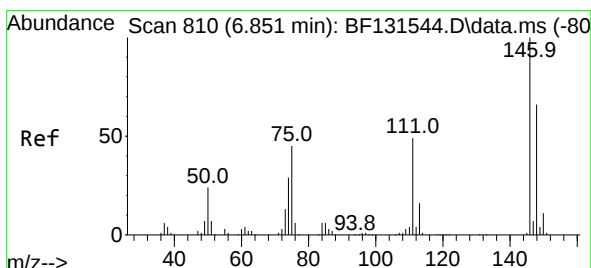
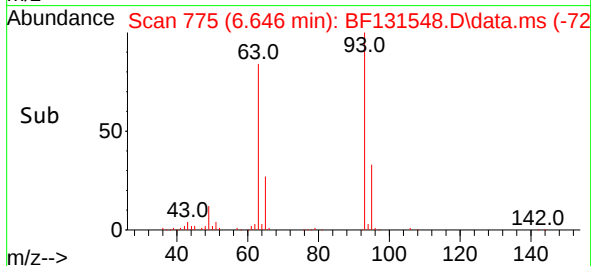
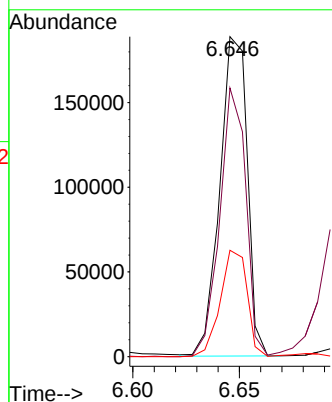
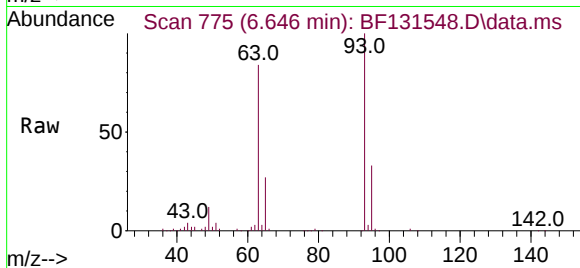
#11
bis(2-Chloroethyl)ether
Concen: 40.503 ng
RT: 6.646 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

Instrument :
BNA_F
ClientSampleId :
ICVBF120722

Tgt Ion: 93 Resp: 169324
Ion Ratio Lower Upper
93 100
63 83.9 61.2 101.2
95 33.2 12.8 52.8

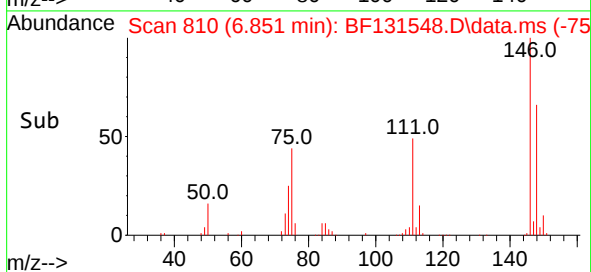
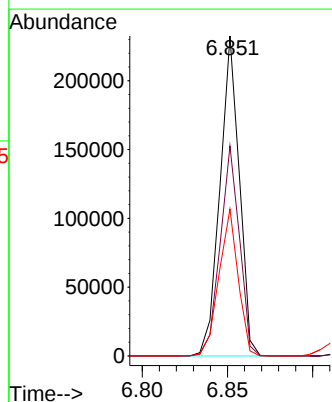
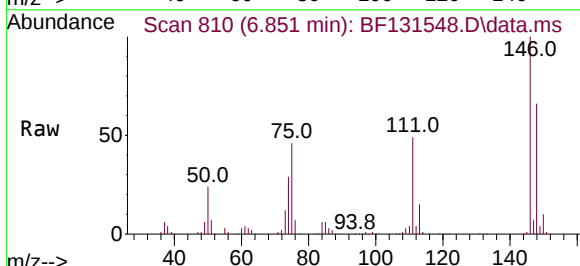
Manual Integrations
APPROVED

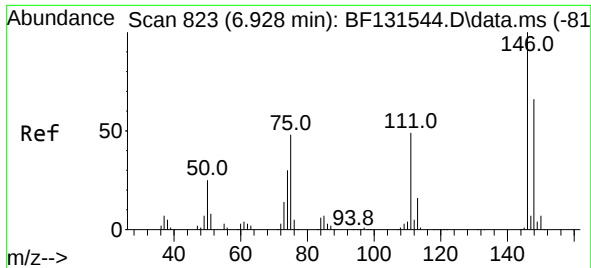
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022



#12
1,3-Dichlorobenzene
Concen: 39.499 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

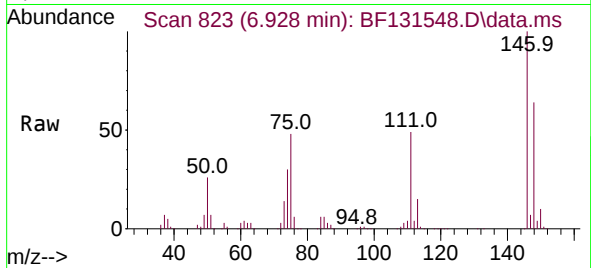
Tgt Ion:146 Resp: 182983
Ion Ratio Lower Upper
146 100
148 65.6 52.8 79.2
75 45.9 36.3 54.5





#13
1,4-Dichlorobenzene
Concen: 40.113 ng
RT: 6.928 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

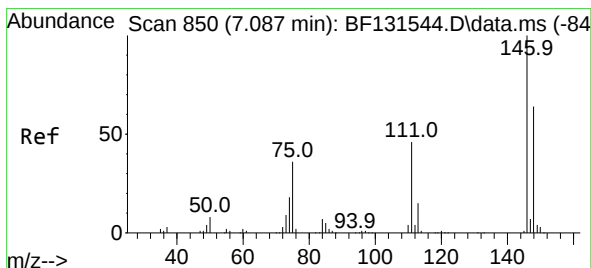
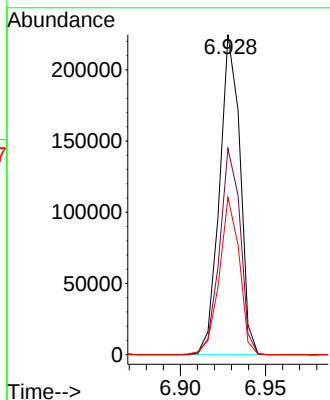
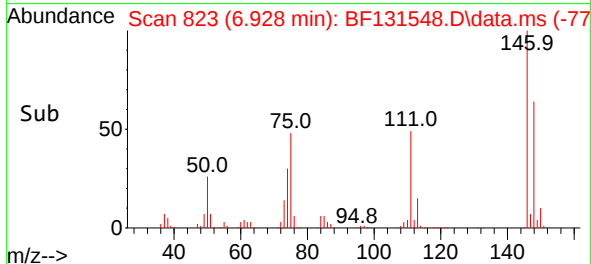
Instrument :
BNA_F
ClientSampleId :
ICVBF120722



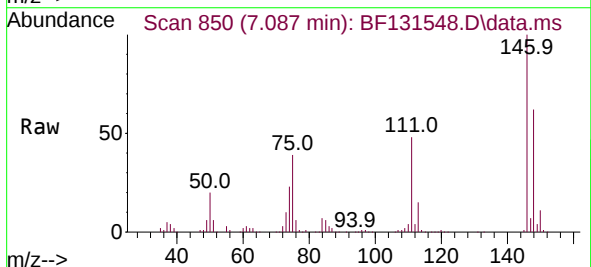
Tgt Ion:146 Resp: 187444
Ion Ratio Lower Upper
146 100
148 64.4 53.0 79.4
111 49.1 39.0 58.4

Manual Integrations
APPROVED

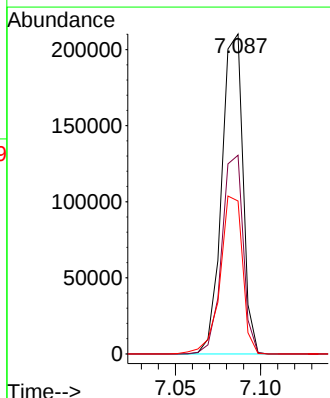
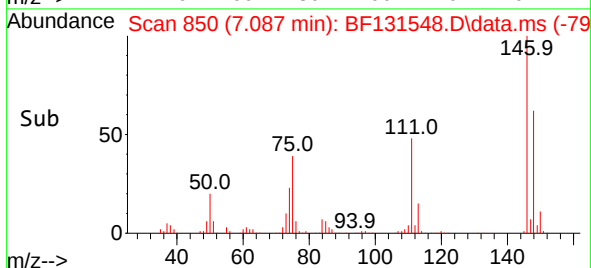
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022

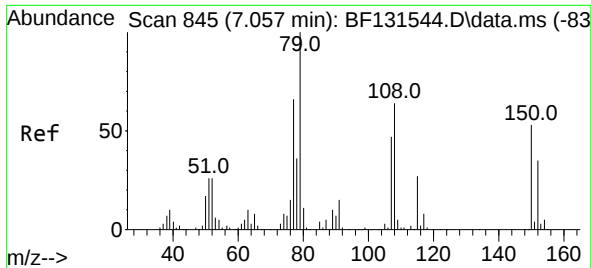


#14
1,2-Dichlorobenzene
Concen: 41.423 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45



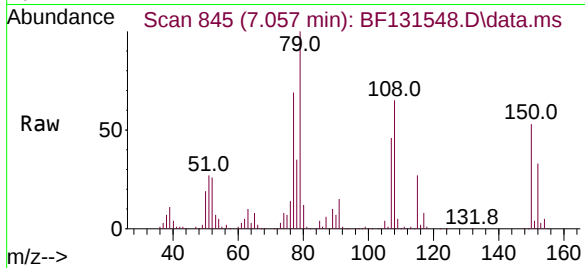
Tgt Ion:146 Resp: 182025
Ion Ratio Lower Upper
146 100
148 62.1 51.4 77.2
111 47.8 37.1 55.7





#15
Benzyl Alcohol
Concen: 42.447 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

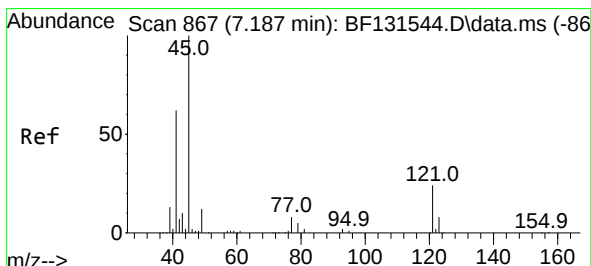
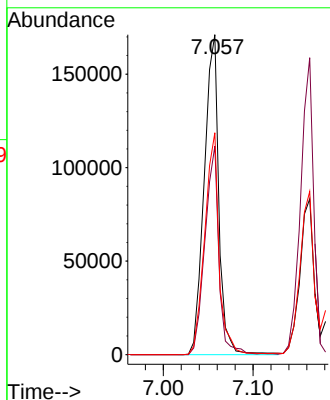
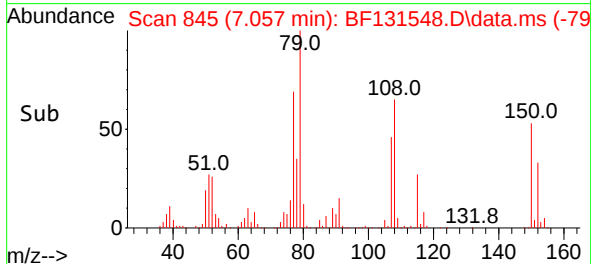
Instrument :
BNA_F
Client SampleId :
ICVBF120722



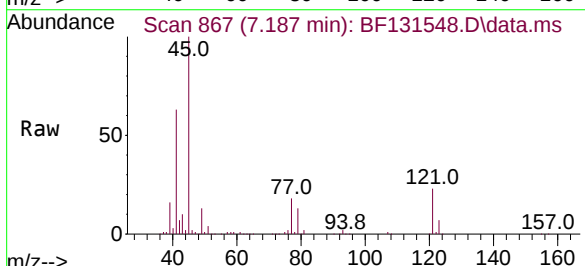
Tgt Ion: 79 Resp: 194123
Ion Ratio Lower Upper
79 100
108 65.2 51.0 76.6
77 69.3 53.0 79.6

Manual Integrations
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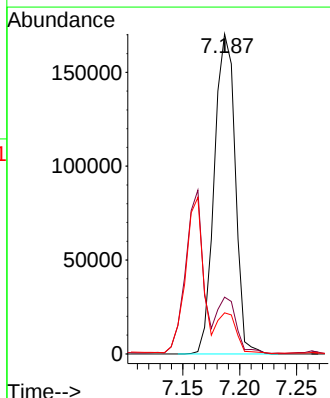
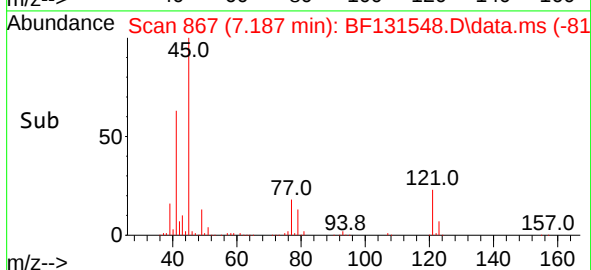
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022

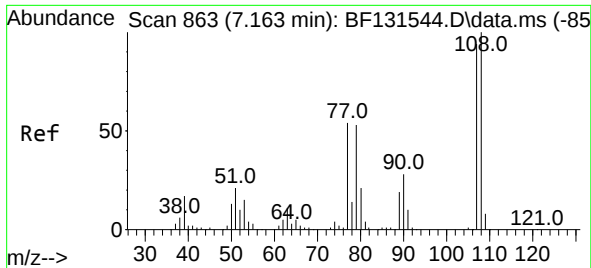


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.485 ng
RT: 7.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45



Tgt Ion: 45 Resp: 217293
Ion Ratio Lower Upper
45 100
77 17.7 0.0 37.9
79 12.8 0.0 33.6





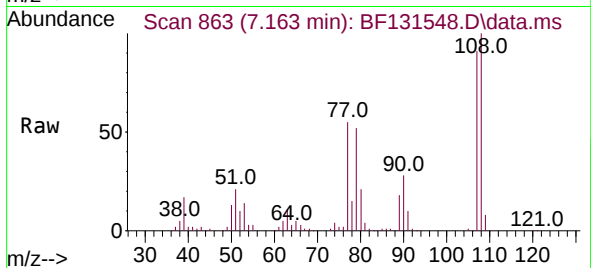
#17
2-Methylphenol
Concen: 40.678 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

Instrument :

BNA_F

ClientSampleId :

ICVBF120722

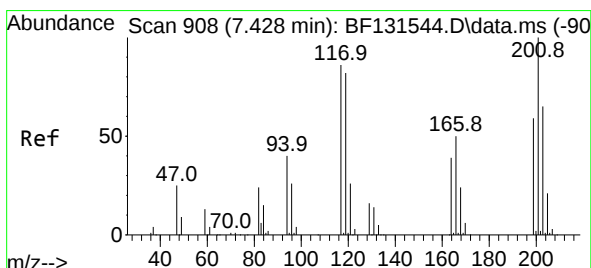
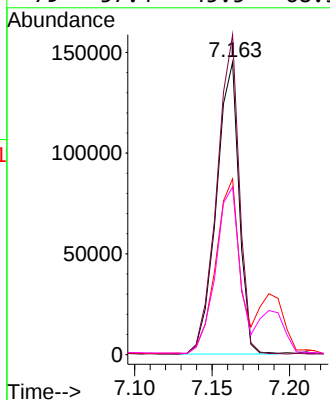
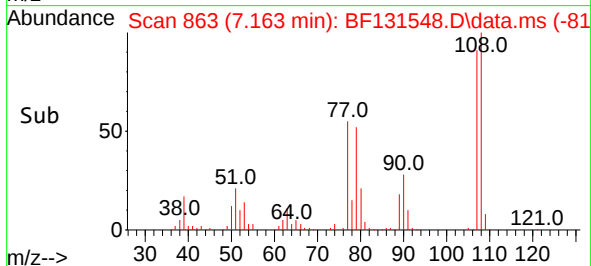


Tgt Ion:107 Resp: 147004
Ion Ratio Lower Upper
107 100
108 109.4 84.9 127.3
77 60.1 46.2 69.4
79 57.4 45.5 68.3

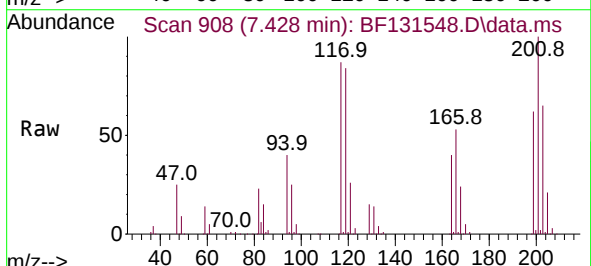
Manual Integrations

APPROVED

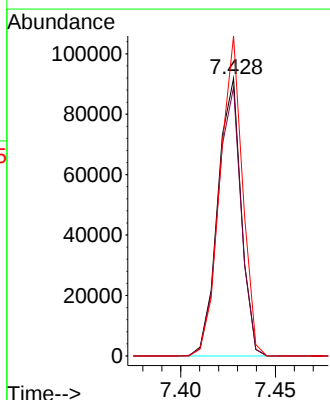
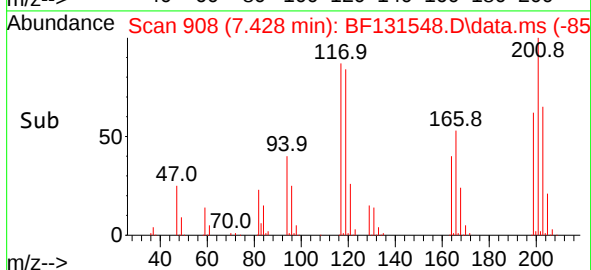
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022

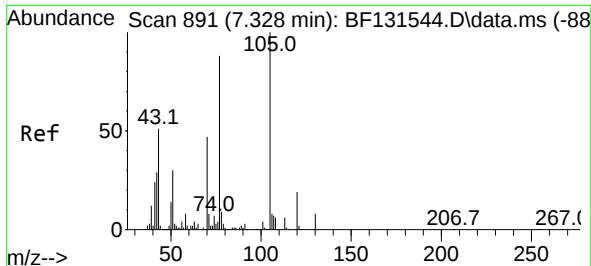


#18
Hexachloroethane
Concen: 41.477 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45



Tgt Ion:117 Resp: 78369
Ion Ratio Lower Upper
117 100
119 96.8 77.0 115.4
201 115.3 93.4 140.0





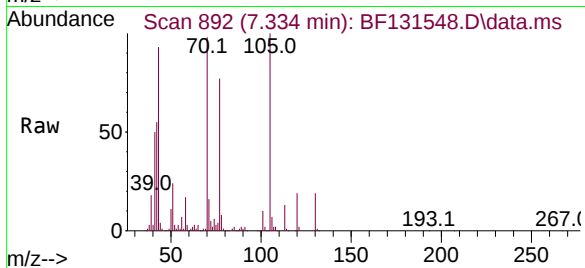
#19
n-Nitroso-di-n-propylamine
Concen: 41.309 ng
RT: 7.334 min Scan# 891
Delta R.T. 0.006 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

Instrument :

BNA_F

ClientSampleId :

ICVBF120722

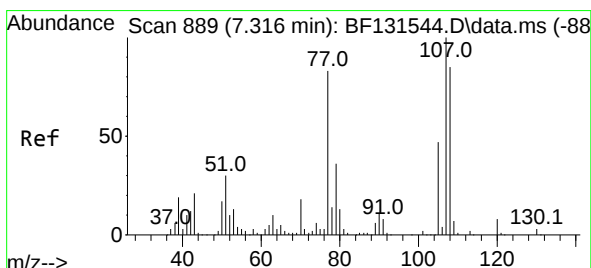
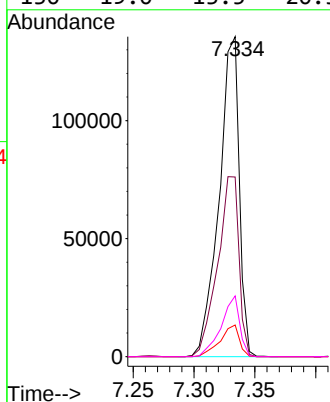
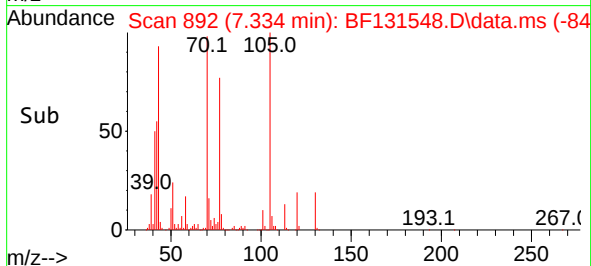


Tgt Ion: 70 Resp: 155809
Ion Ratio Lower Upper
70 100
42 56.1 48.5 72.7
101 9.9 7.0 10.6
130 19.0 13.5 20.3

Manual Integrations

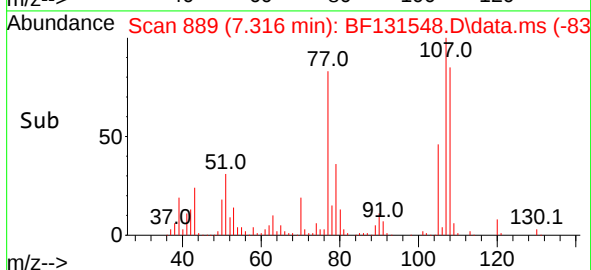
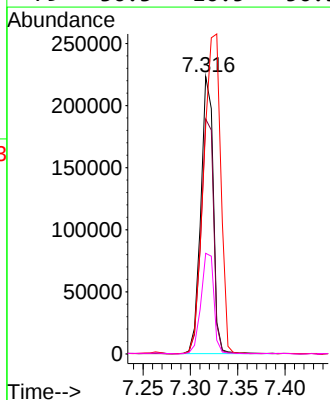
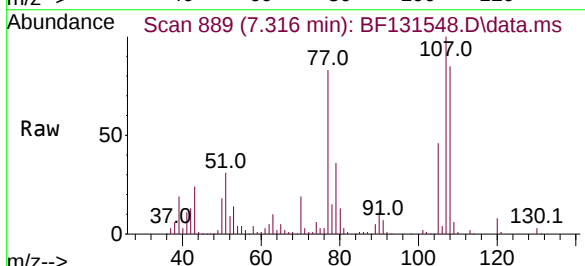
APPROVED

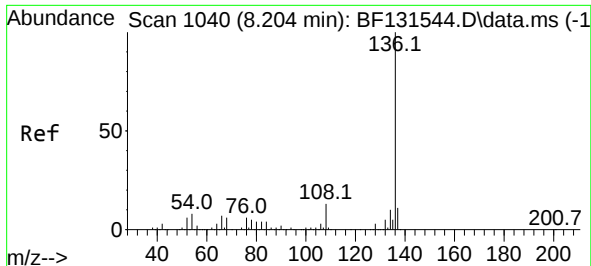
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022



#20
3+4-Methylphenols
Concen: 41.117 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

Tgt Ion:107 Resp: 204486
Ion Ratio Lower Upper
107 100
108 84.7 64.7 104.7
77 82.5 63.5 103.5
79 36.3 16.5 56.5





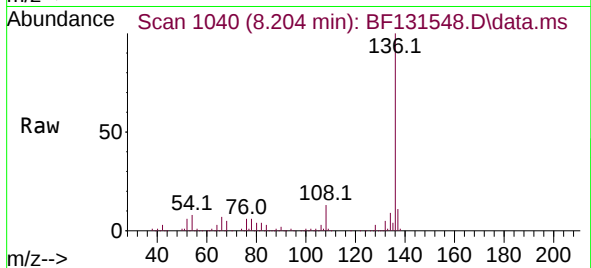
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

Instrument :

BNA_F

ClientSampleId :

ICVBF120722

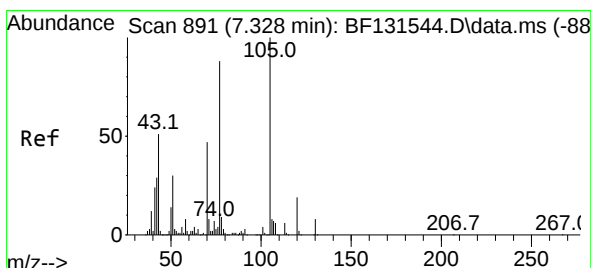
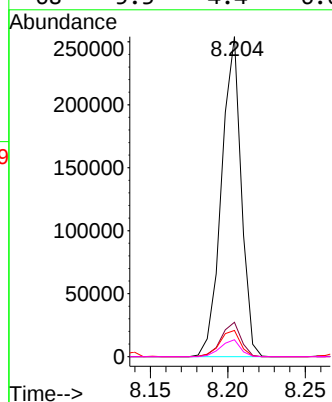
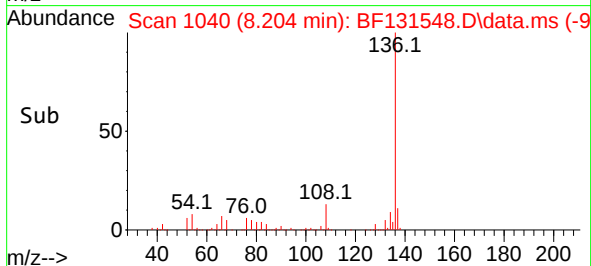


Tgt Ion:136 Resp: 224386
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.2 6.7 10.1
68 5.3 4.4 6.6

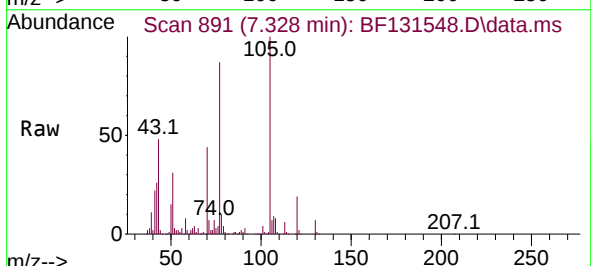
Manual Integrations

APPROVED

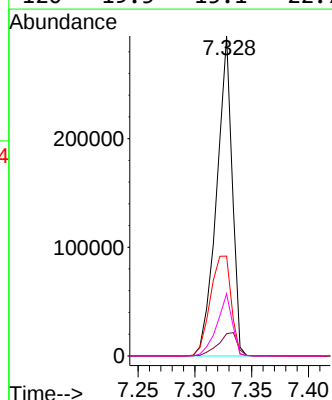
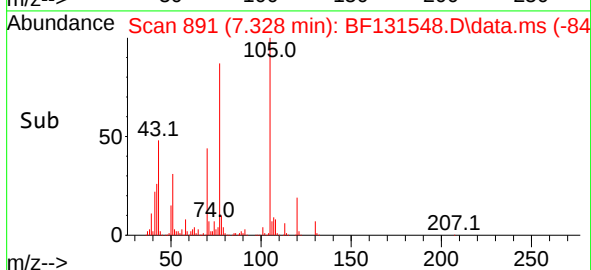
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022

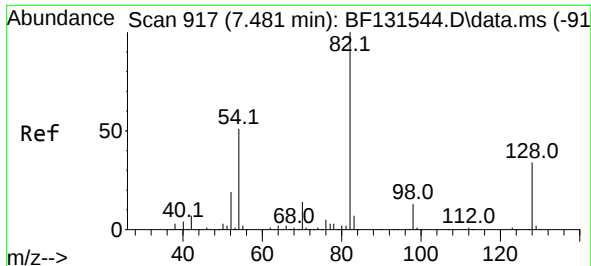


#22
Acetophenone
Concen: 40.399 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45



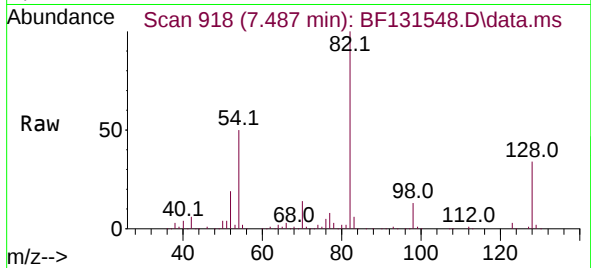
Tgt Ion:105 Resp: 280543
Ion Ratio Lower Upper
105 100
71 6.9 6.1 9.1
51 31.2 23.8 35.8
120 19.5 15.1 22.7





#23
Nitrobenzene-d5
Concen: 82.823 ng
RT: 7.487 min Scan# 917
Delta R.T. 0.006 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

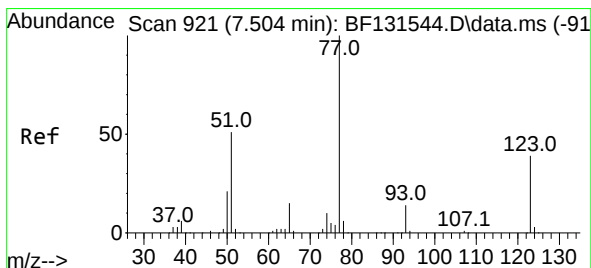
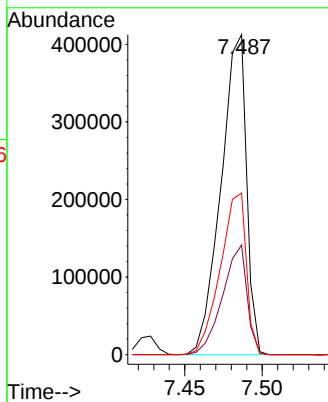
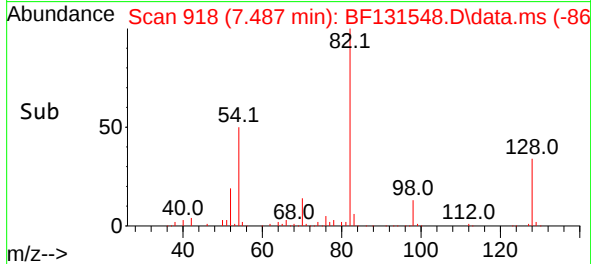
Instrument :
BNA_F
ClientSampleId :
ICVBF120722



Tgt Ion: 82 Resp: 474900
Ion Ratio Lower Upper
82 100
128 34.2 27.0 40.6
54 50.5 41.1 61.7

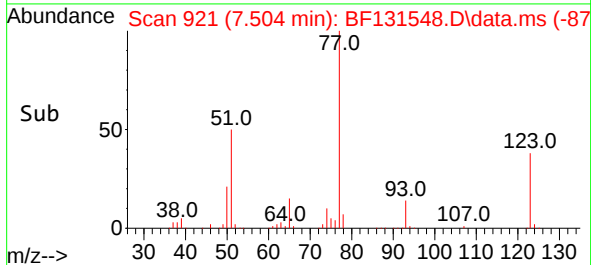
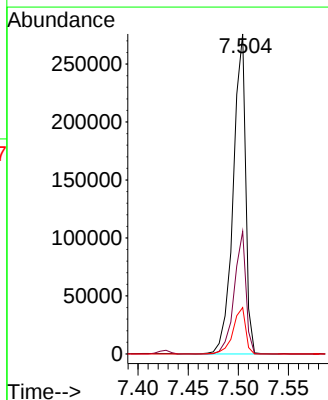
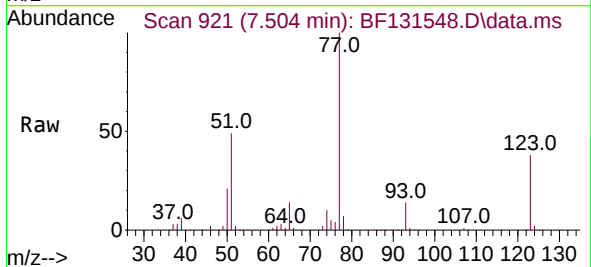
Manual Integrations
APPROVED

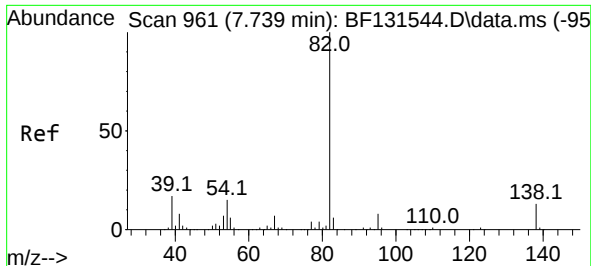
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022



#24
Nitrobenzene
Concen: 41.129 ng
RT: 7.504 min Scan# 921
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

Tgt Ion: 77 Resp: 237532
Ion Ratio Lower Upper
77 100
123 38.3 31.2 46.8
65 14.5 11.9 17.9





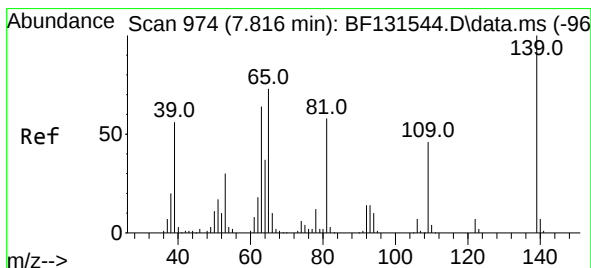
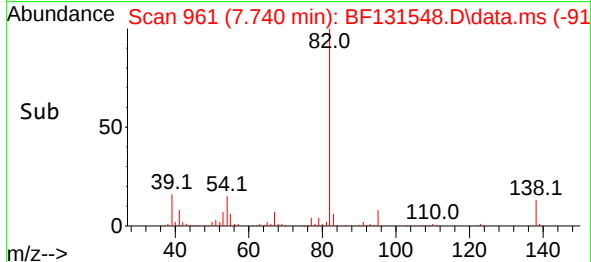
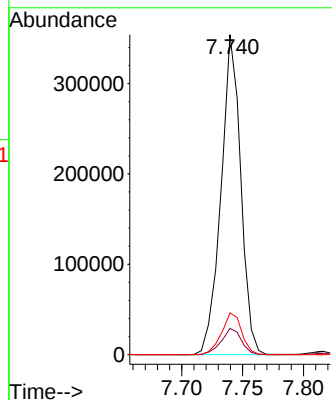
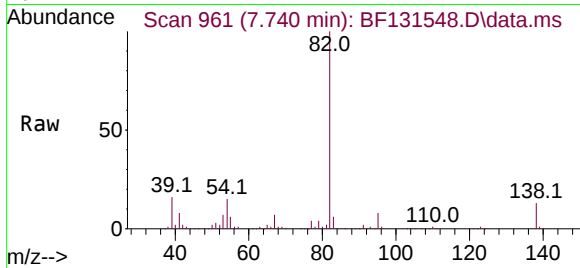
#25
Isophorone
Concen: 41.532 ng
RT: 7.740 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

Instrument :
BNA_F
ClientSampleId :
ICVBF120722

Tgt Ion: 82 Resp: 398583
Ion Ratio Lower Upper
82 100
95 8.2 6.2 9.4
138 13.0 10.7 16.1

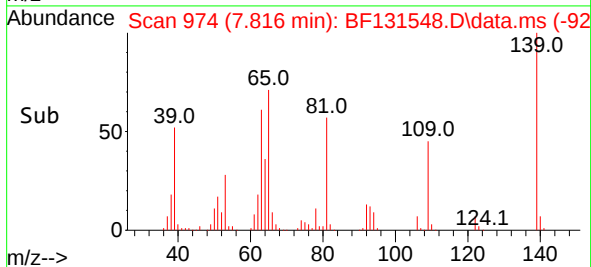
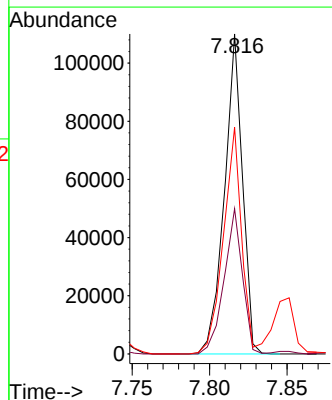
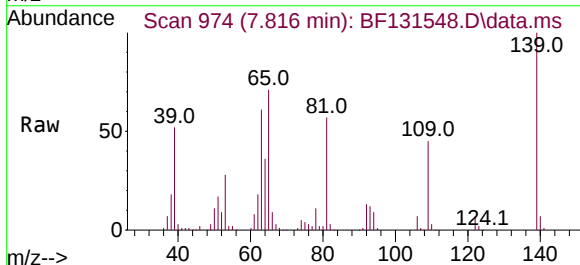
Manual Integrations
APPROVED

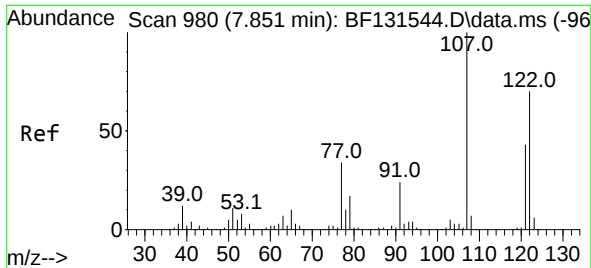
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022



#26
2-Nitrophenol
Concen: 43.636 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

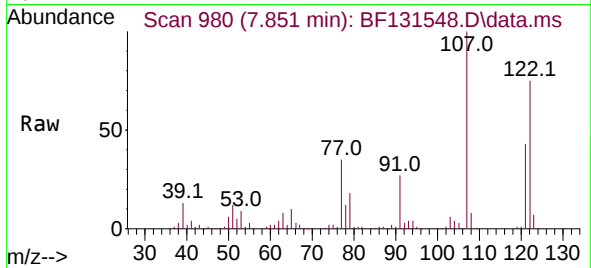
Tgt Ion:139 Resp: 89191
Ion Ratio Lower Upper
139 100
109 45.4 37.1 55.7
65 70.8 58.7 88.1





#27
2,4-Dimethylphenol
Concen: 40.598 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

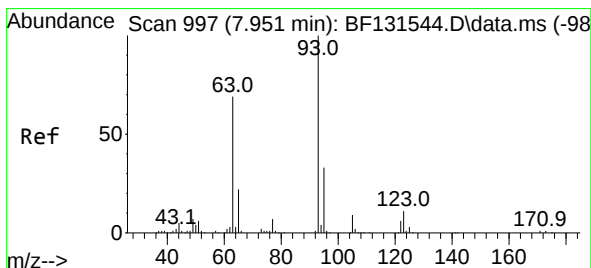
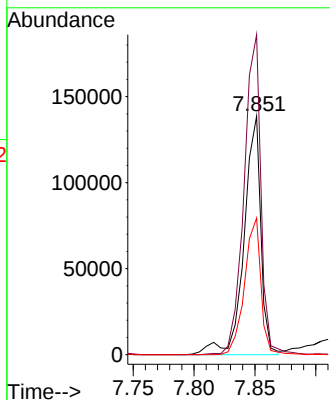
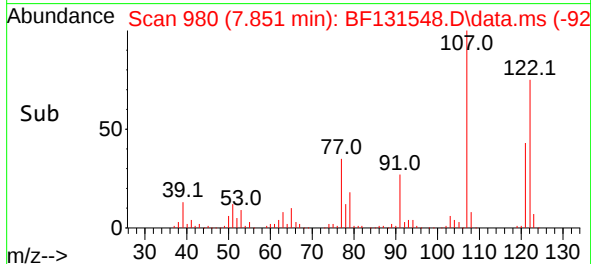
Instrument :
BNA_F
ClientSampleId :
ICVBF120722



Tgt Ion:122 Resp: 133139
Ion Ratio Lower Upper
122 100
107 134.2 113.7 170.5
121 57.3 48.8 73.2

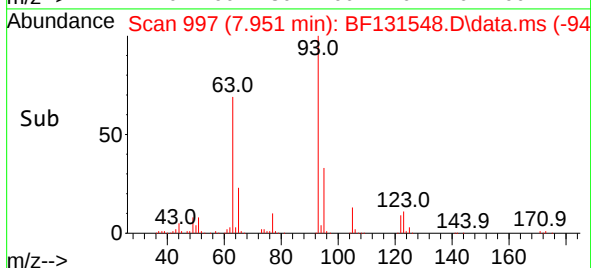
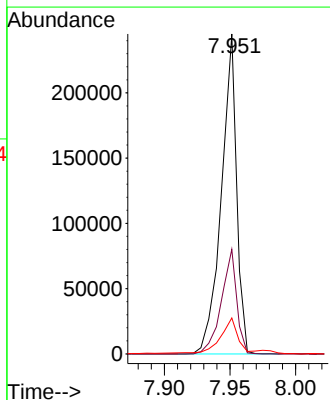
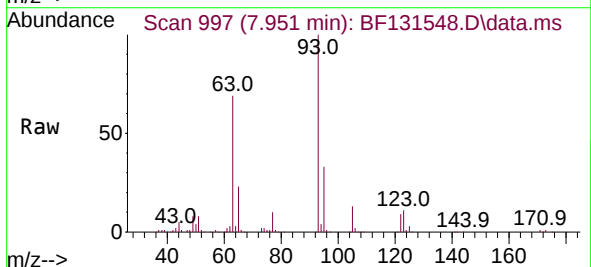
Manual Integrations
APPROVED

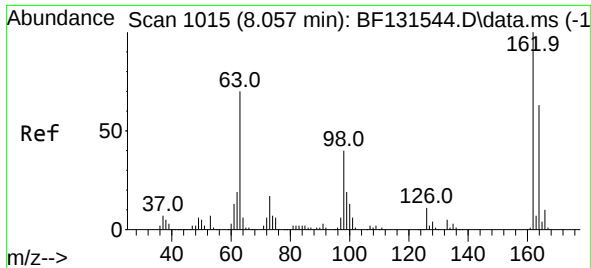
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022



#28
bis(2-Chloroethoxy)methane
Concen: 39.979 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

Tgt Ion: 93 Resp: 199253
Ion Ratio Lower Upper
93 100
95 32.7 26.4 39.6
123 11.2 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 40.362 ng

RT: 8.057 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF131548.D

Acq: 07 Dec 2022 21:45

Instrument :

BNA_F

ClientSampleId :

ICVBF120722

Tgt Ion:162 Resp: 155769

Ion Ratio Lower Upper

162 100

164 67.7 43.4 83.4

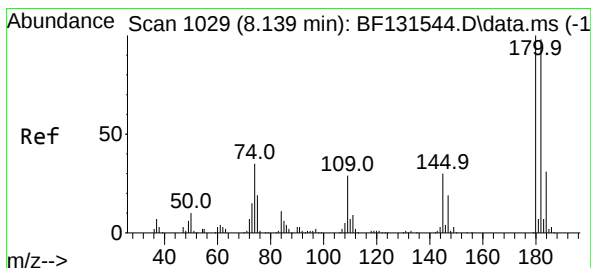
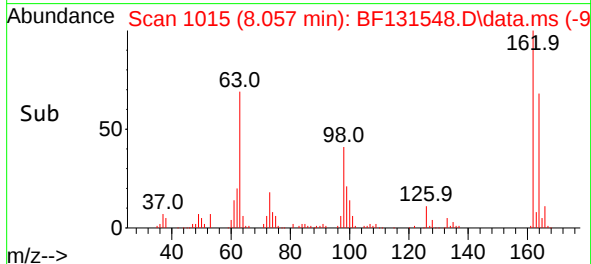
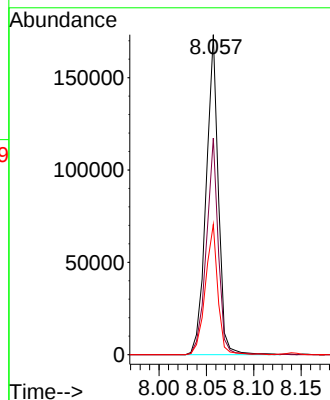
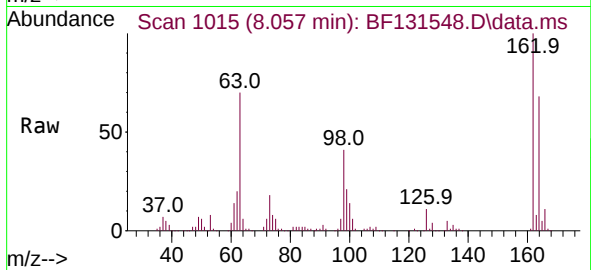
98 40.7 20.3 60.3

Manual Integrations

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Reviewed By :Christian Giraldo 12/08/2022

Supervised By :Jagrut Upadhyay 12/08/2022



#30

1,2,4-Trichlorobenzene

Concen: 39.880 ng

RT: 8.140 min Scan# 1029

Delta R.T. 0.000 min

Lab File: BF131548.D

Acq: 07 Dec 2022 21:45

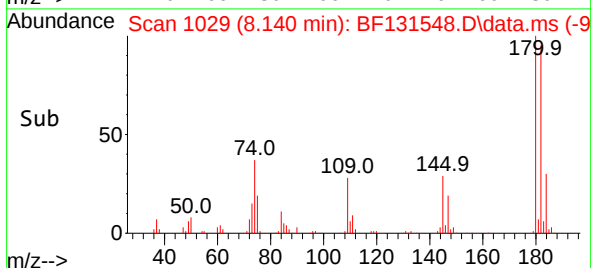
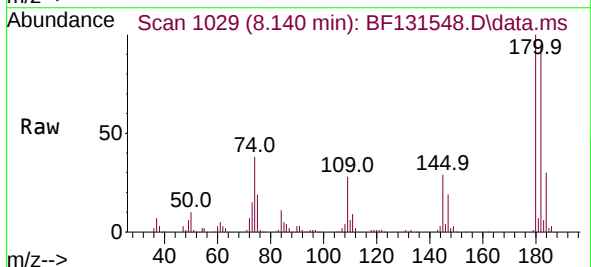
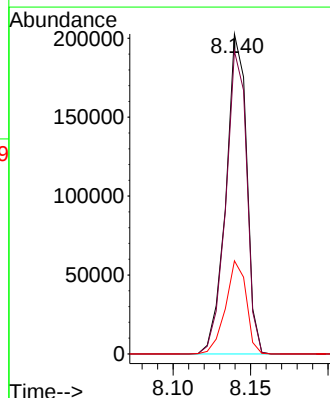
Tgt Ion:180 Resp: 188993

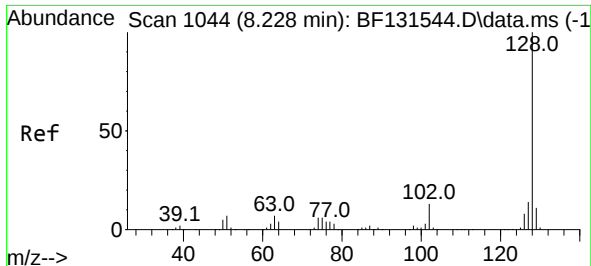
Ion Ratio Lower Upper

180 100

182 94.6 78.2 117.4

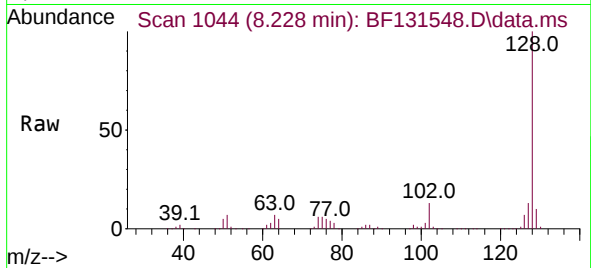
145 29.1 23.9 35.9





#31
Naphthalene
Concen: 39.938 ng
RT: 8.228 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

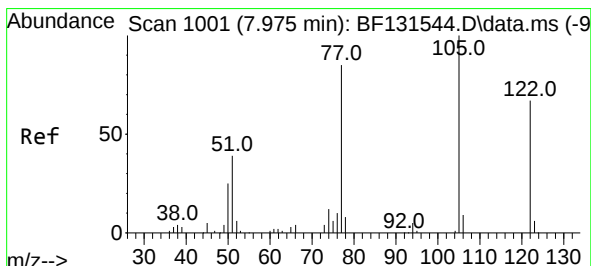
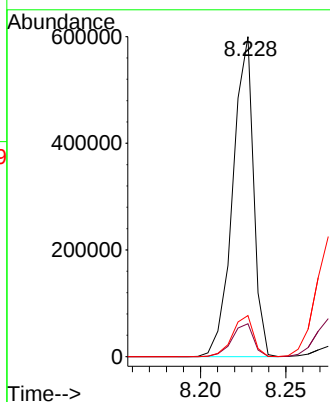
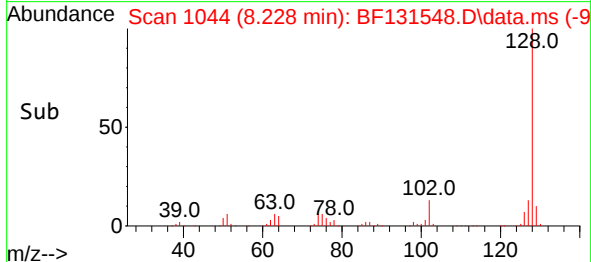
Instrument :
BNA_F
Client Sample Id :
ICVBF120722



Tgt Ion:128 Resp: 506180
Ion Ratio Lower Upper
128 100
129 10.3 8.8 13.2
127 12.8 10.8 16.2

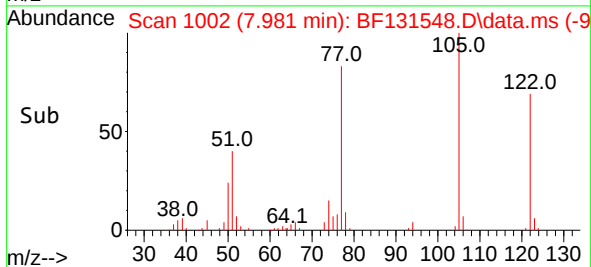
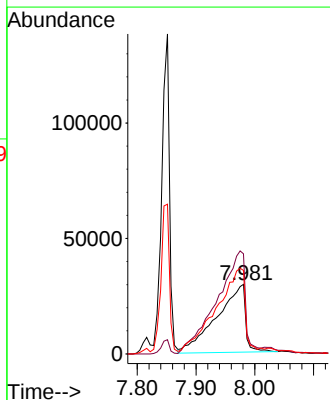
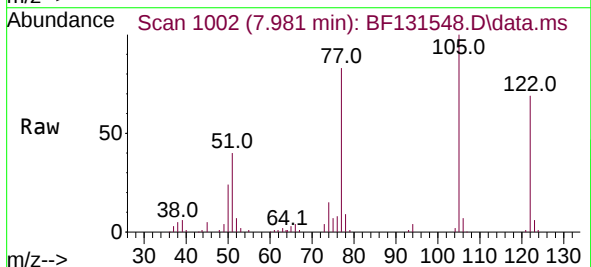
Manual Integrations
APPROVED

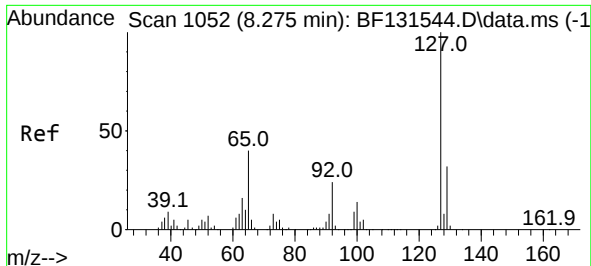
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022



#32
Benzoic acid
Concen: 39.632 ng
RT: 7.981 min Scan# 1002
Delta R.T. 0.006 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

Tgt Ion:122 Resp: 100403
Ion Ratio Lower Upper
122 100
105 144.1 120.7 160.7
77 120.2 103.5 143.5





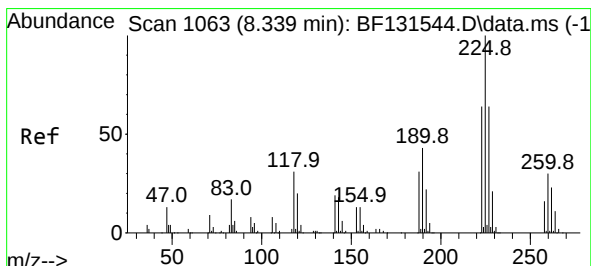
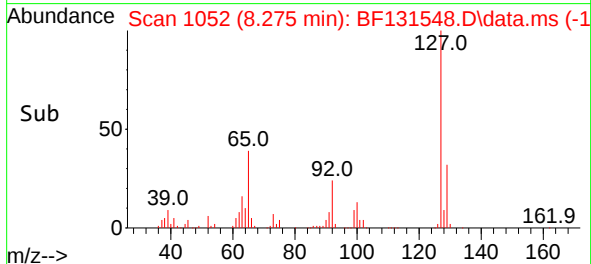
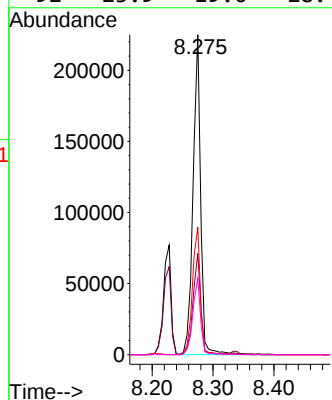
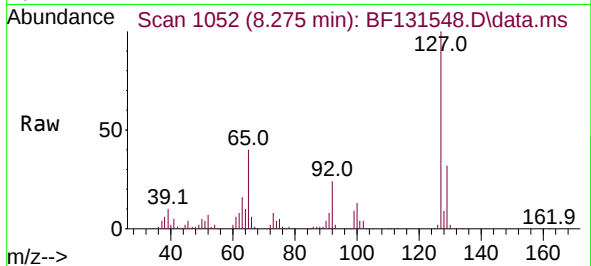
#33
4-Chloroaniline
Concen: 41.437 ng
RT: 8.275 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

Instrument :
BNA_F
ClientSampleId :
ICVBF120722

Tgt Ion:127 Resp: 196082
Ion Ratio Lower Upper
127 100
129 31.6 25.8 38.8
65 39.9 32.2 48.4
92 23.9 19.0 28.4

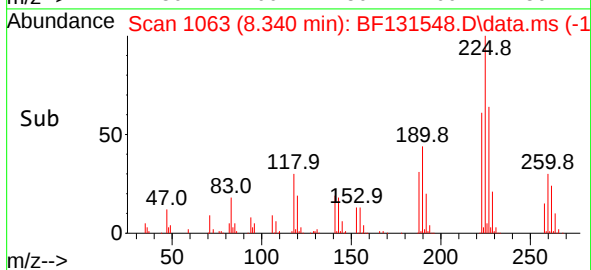
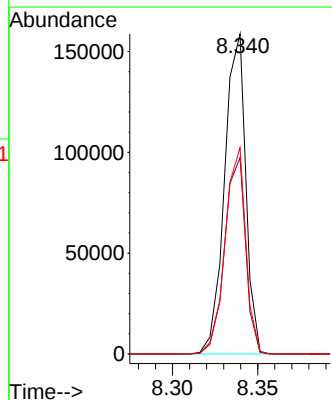
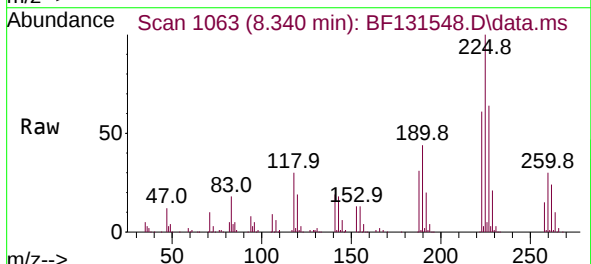
Manual Integrations
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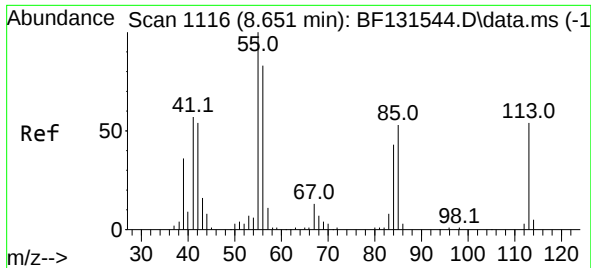
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022



#34
Hexachlorobutadiene
Concen: 40.227 ng
RT: 8.340 min Scan# 1063
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

Tgt Ion:225 Resp: 136855
Ion Ratio Lower Upper
225 100
223 61.3 51.2 76.8
227 64.4 50.8 76.2





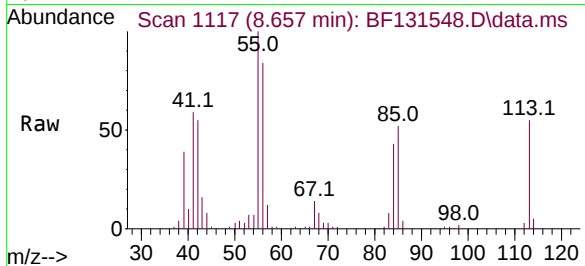
#35
 Caprolactam
 Concen: 44.350 ng
 RT: 8.657 min Scan# 1117
 Delta R.T. 0.006 min
 Lab File: BF131548.D
 Acq: 07 Dec 2022 21:45

Instrument :

BNA_F

ClientSampleId :

ICVBF120722

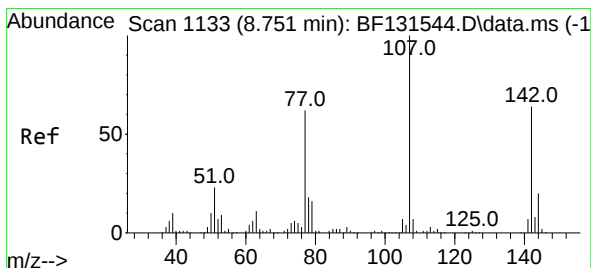
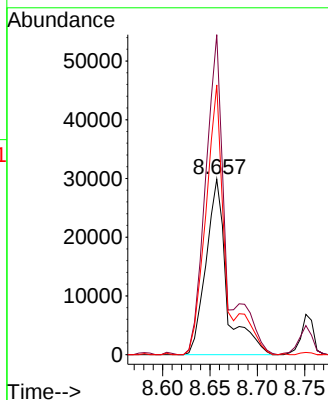
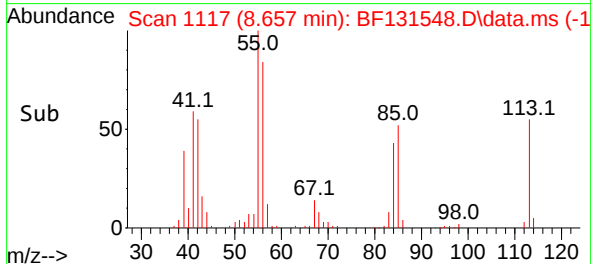


Tgt Ion:113 Resp: 45779
 Ion Ratio Lower Upper
 113 100
 55 182.4 165.0 205.0
 56 153.7 133.9 173.9

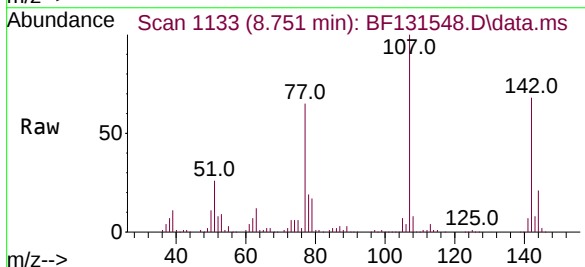
Manual Integrations

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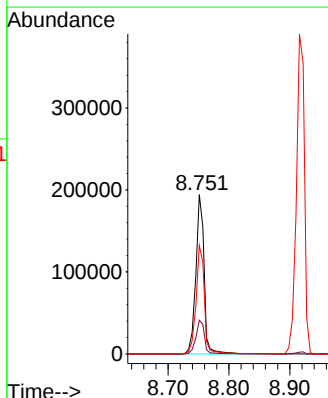
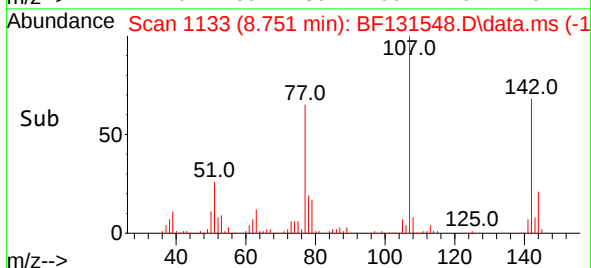
Reviewed By :Christian Giraldo 12/08/2022
 Supervised By :Jagrut Upadhyay 12/08/2022

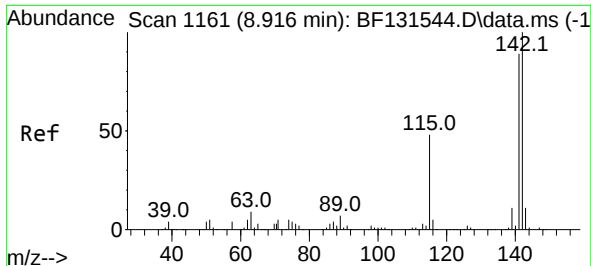


#36
 4-Chloro-3-methylphenol
 Concen: 42.232 ng
 RT: 8.751 min Scan# 1133
 Delta R.T. 0.000 min
 Lab File: BF131548.D
 Acq: 07 Dec 2022 21:45



Tgt Ion:107 Resp: 183736
 Ion Ratio Lower Upper
 107 100
 144 21.1 16.2 24.4
 142 68.1 51.0 76.4





#37

2-Methylnaphthalene

Concen: 40.676 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF131548.D

Acq: 07 Dec 2022 21:45

Instrument :

BNA_F

ClientSampleId :

ICVBF120722

Tgt Ion:142 Resp: 356492

Ion Ratio Lower Upper

142 100

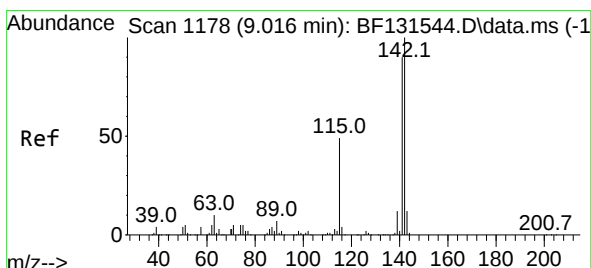
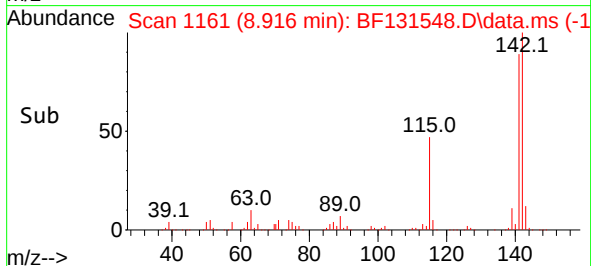
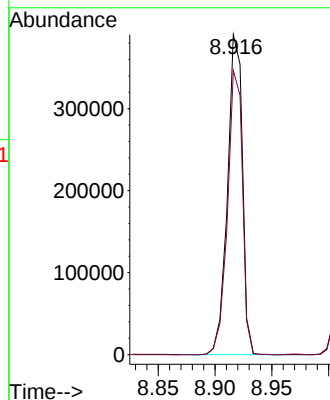
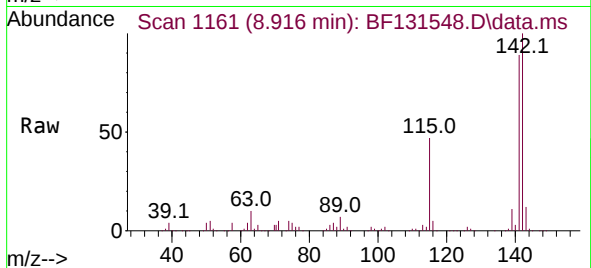
141 88.8 71.1 106.7

Manual Integrations

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Reviewed By :Christian Giraldo 12/08/2022

Supervised By :Jagrut Upadhyay 12/08/2022



#38

1-Methylnaphthalene

Concen: 40.207 ng

RT: 9.016 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF131548.D

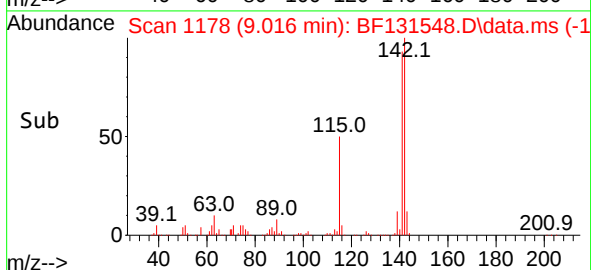
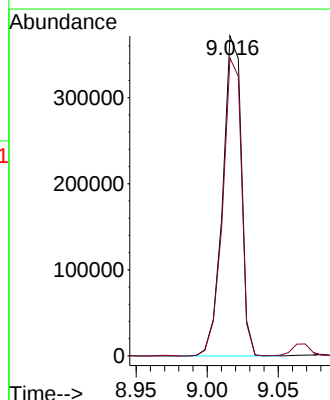
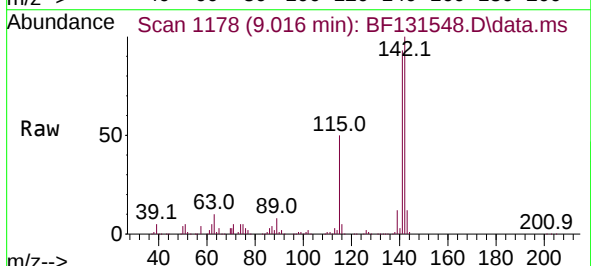
Acq: 07 Dec 2022 21:45

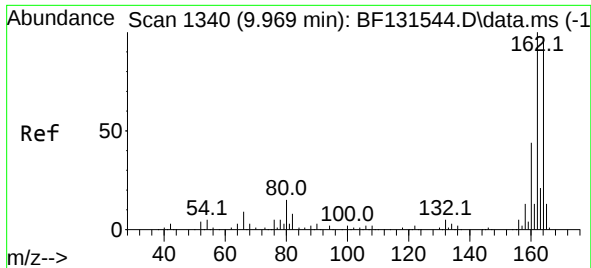
Tgt Ion:142 Resp: 341611

Ion Ratio Lower Upper

142 100

141 93.1 71.8 107.8





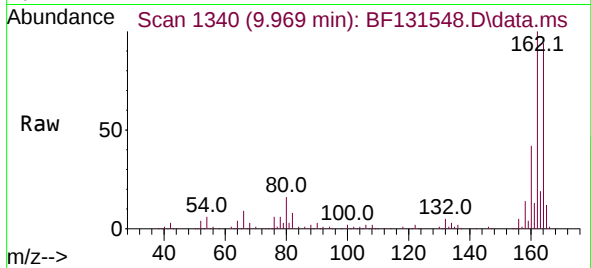
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

Instrument :

BNA_F

ClientSampleId :

ICVBF120722

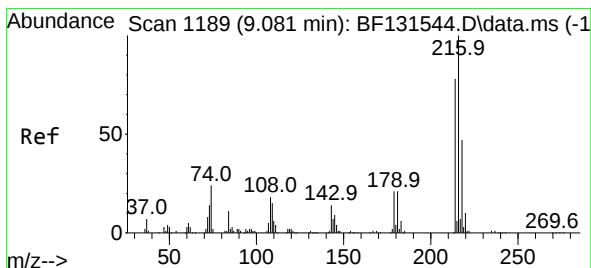
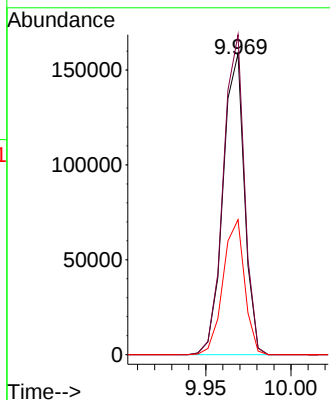
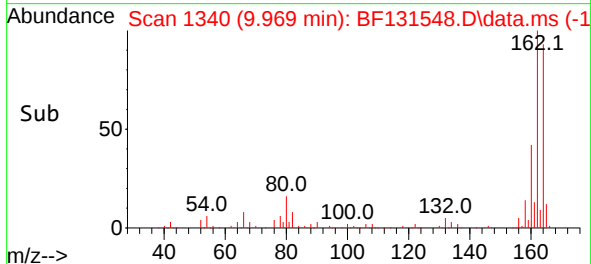


Tgt Ion:164 Resp: 138568
Ion Ratio Lower Upper
164 100
162 106.3 82.6 124.0
160 44.8 36.0 54.0

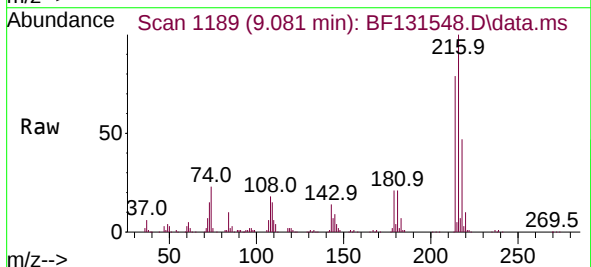
Manual Integrations

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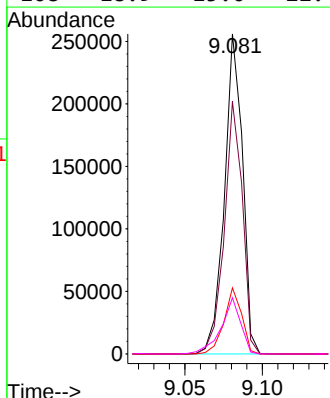
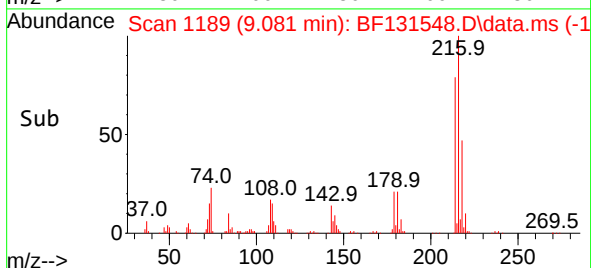
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022

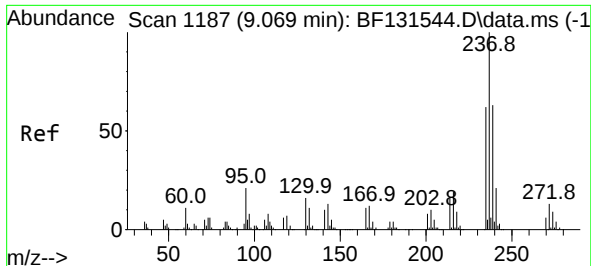


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.344 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45



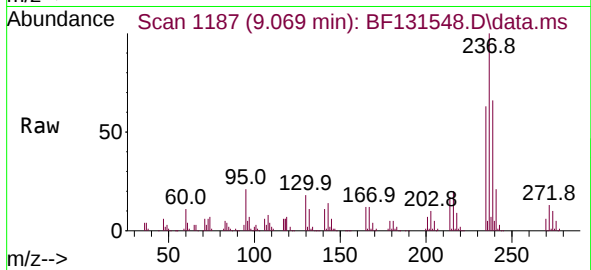
Tgt Ion:216 Resp: 207915
Ion Ratio Lower Upper
216 100
214 78.5 62.6 94.0
179 20.1 16.1 24.1
108 18.9 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 40.620 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

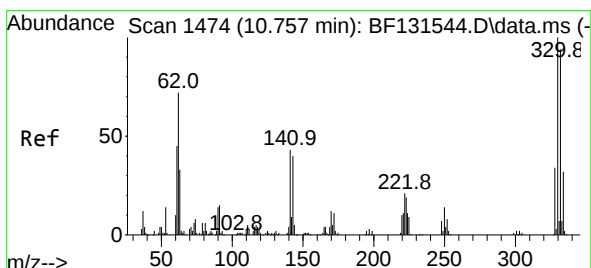
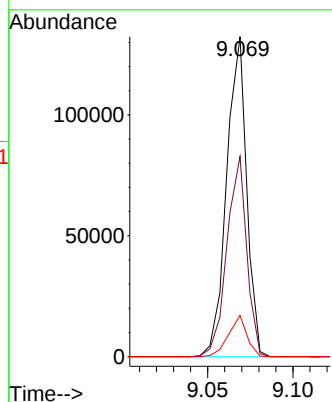
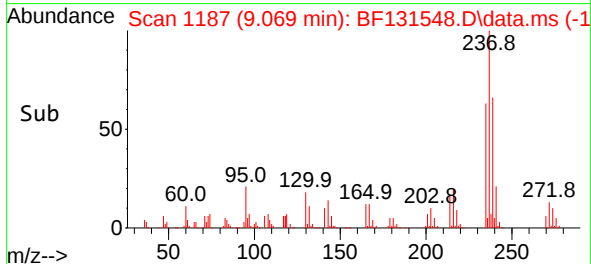
Instrument :
BNA_F
ClientSampleId :
ICVBF120722



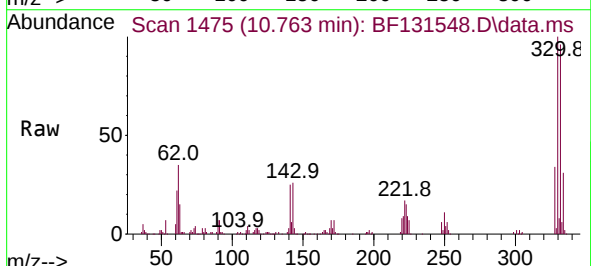
Tgt Ion:237 Resp: 108066
Ion Ratio Lower Upper
237 100
235 62.5 42.2 82.2
272 12.9 0.0 32.7

Manual Integrations
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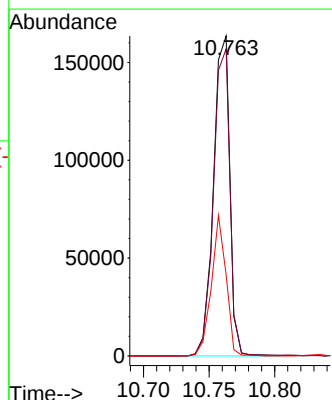
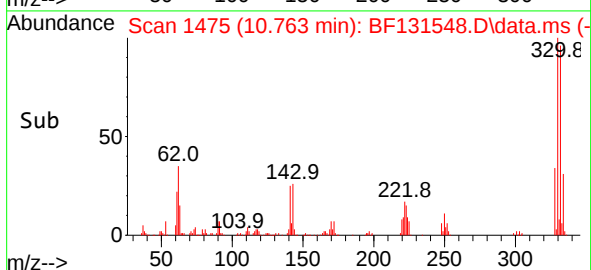
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022

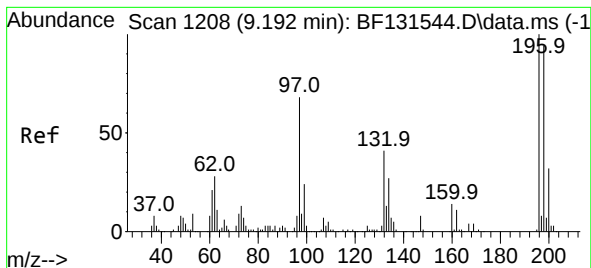


#42
2,4,6-Tribromophenol
Concen: 87.930 ng
RT: 10.763 min Scan# 1475
Delta R.T. 0.006 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45



Tgt Ion:330 Resp: 142104
Ion Ratio Lower Upper
330 100
332 96.6 76.6 115.0
141 39.3 31.3 46.9





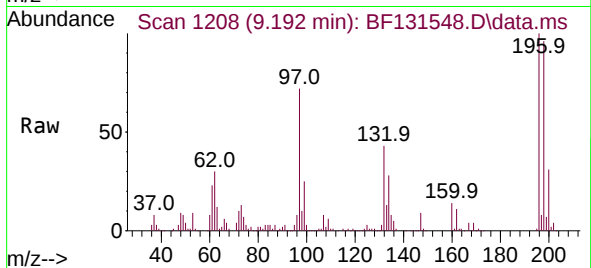
#43
2,4,6-Trichlorophenol
Concen: 42.124 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

Instrument :

BNA_F

ClientSampleId :

ICVBF120722

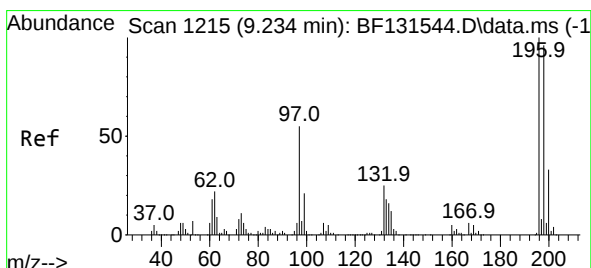
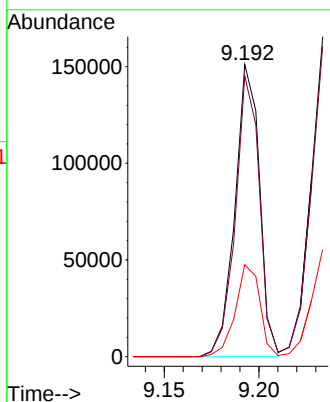
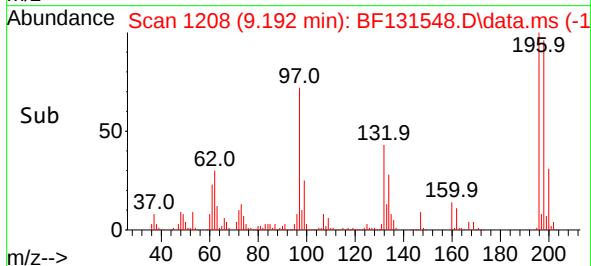


Tgt Ion:196 Resp: 136029
Ion Ratio Lower Upper
196 100
198 96.1 75.4 113.2
200 31.5 25.4 38.2

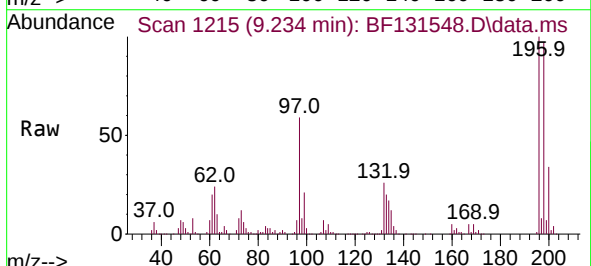
Manual Integrations

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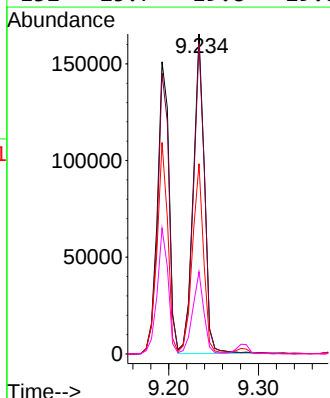
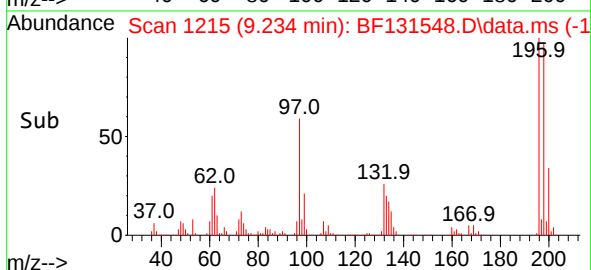
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022

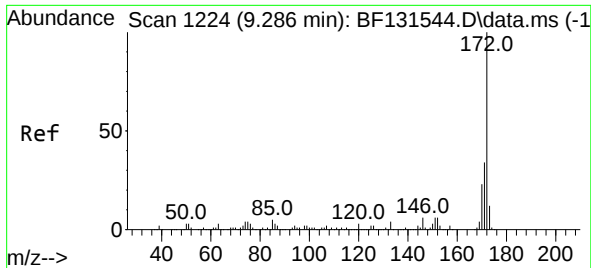


#44
2,4,5-Trichlorophenol
Concen: 42.205 ng
RT: 9.234 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45



Tgt Ion:196 Resp: 143074
Ion Ratio Lower Upper
196 100
198 97.0 76.8 115.2
97 59.4 43.8 65.8
132 25.7 19.8 29.8





#45

2-Fluorobiphenyl

Concen: 82.938 ng

RT: 9.287 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF131548.D

Acq: 07 Dec 2022 21:45

Instrument :

BNA_F

ClientSampleId :

ICVBF120722

Tgt Ion:172 Resp: 905782

Ion Ratio Lower Upper

172 100

171 33.8 27.4 41.0

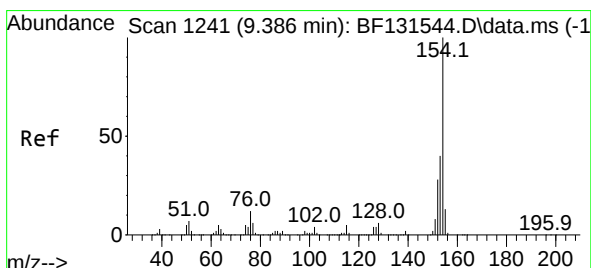
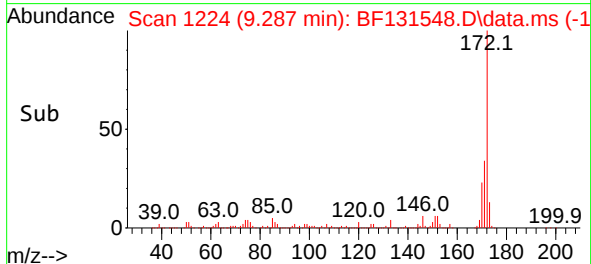
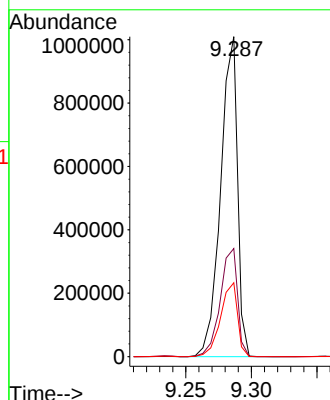
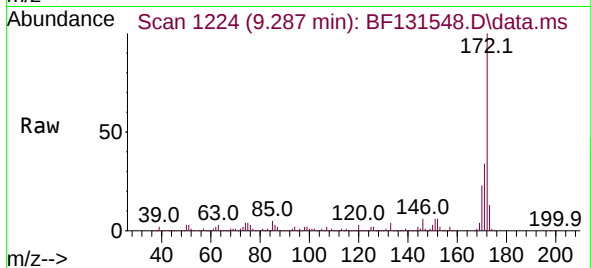
170 23.1 18.5 27.7

Manual Integrations

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Reviewed By :Christian Giraldo 12/08/2022

Supervised By :Jagrut Upadhyay 12/08/2022



#46

1,1'-Biphenyl

Concen: 41.351 ng

RT: 9.387 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF131548.D

Acq: 07 Dec 2022 21:45

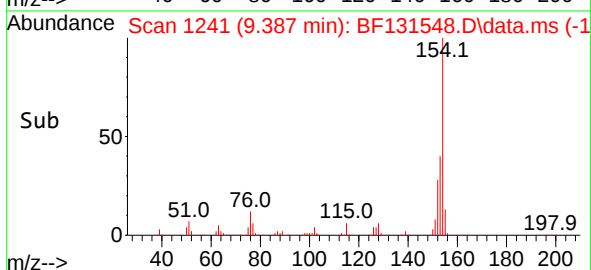
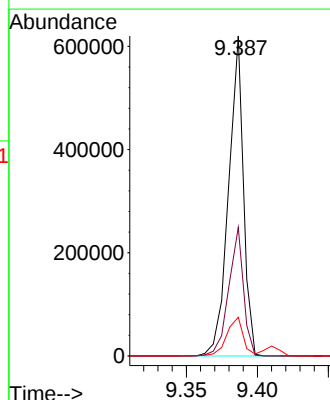
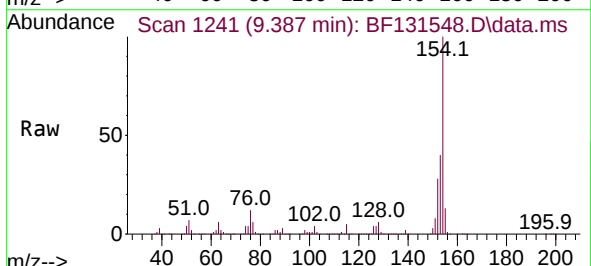
Tgt Ion:154 Resp: 451216

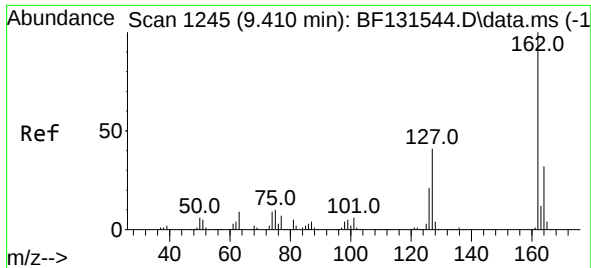
Ion Ratio Lower Upper

154 100

153 40.2 20.5 60.5

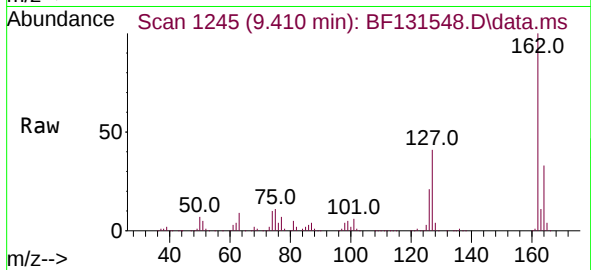
76 12.1 0.0 31.5





#47
2-Chloronaphthalene
Concen: 40.717 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

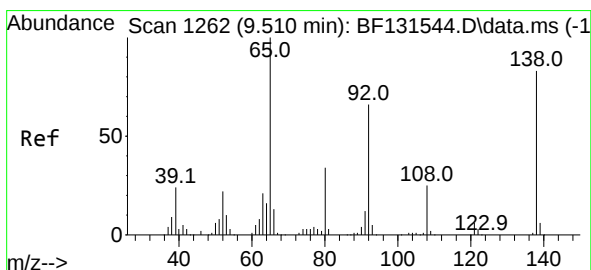
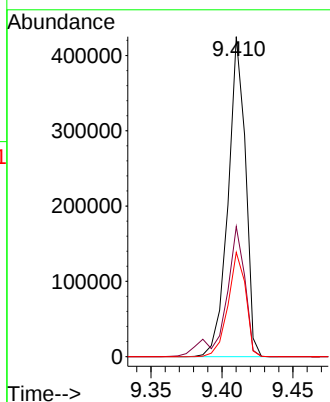
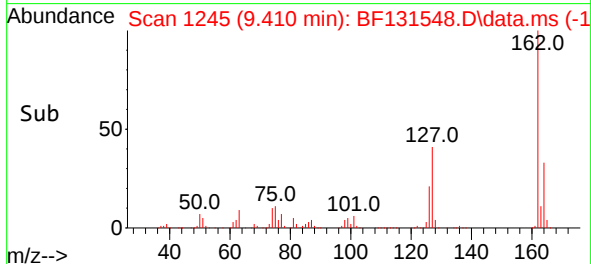
Instrument :
BNA_F
ClientSampleId :
ICVBF120722



Tgt Ion:162 Resp: 361750
Ion Ratio Lower Upper
162 100
127 40.6 32.7 49.1
164 32.6 25.6 38.4

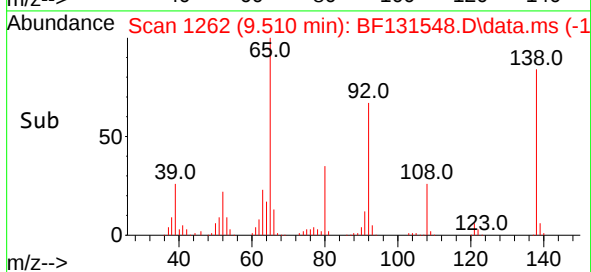
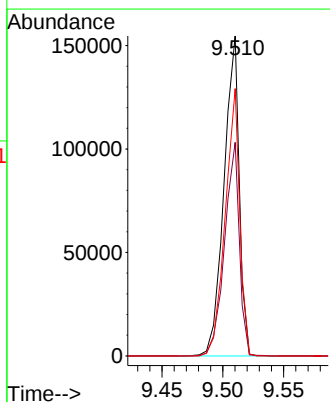
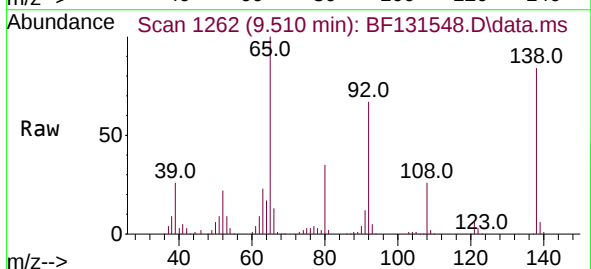
Manual Integrations
APPROVED

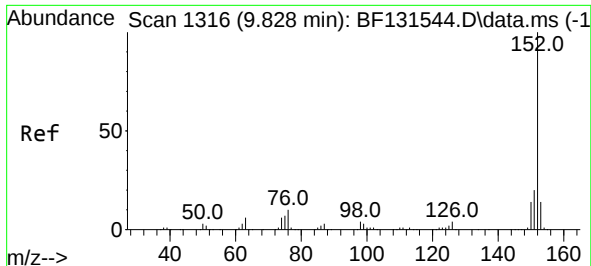
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022



#48
2-Nitroaniline
Concen: 43.988 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

Tgt Ion: 65 Resp: 134821
Ion Ratio Lower Upper
65 100
92 66.7 53.0 79.4
138 83.5 66.5 99.7





#49

Acenaphthylene

Concen: 42.076 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.000 min

Lab File: BF131548.D

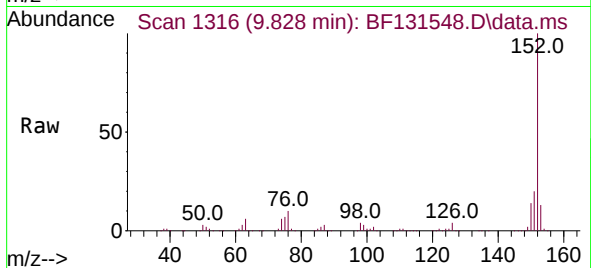
Acq: 07 Dec 2022 21:45

Instrument :

BNA_F

ClientSampleId :

ICVBF120722



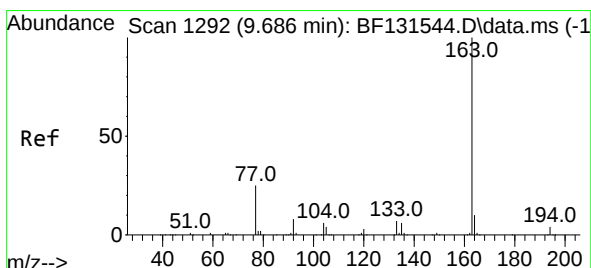
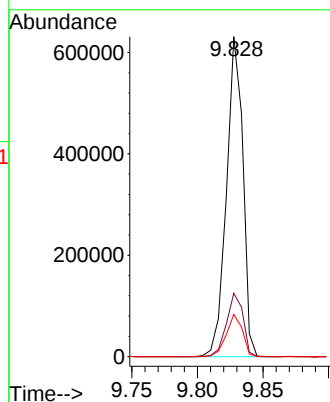
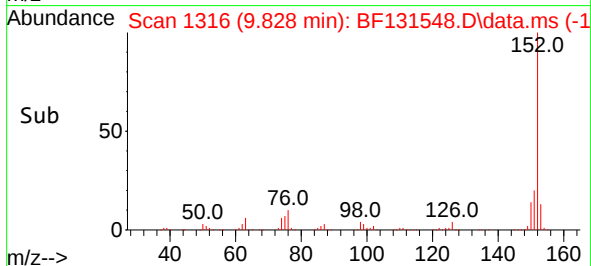
Tgt Ion:152 Resp: 54928

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.2
153	13.2	10.8	16.2

Manual Integrations

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Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022



#50

Dimethylphthalate

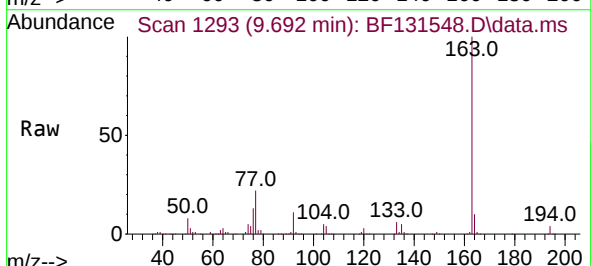
Concen: 43.250 ng

RT: 9.692 min Scan# 1293

Delta R.T. 0.006 min

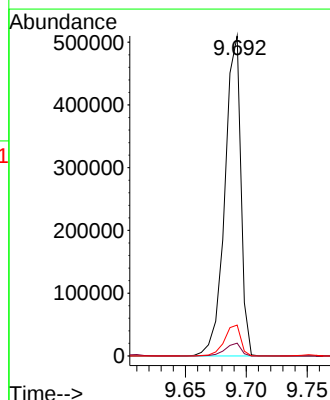
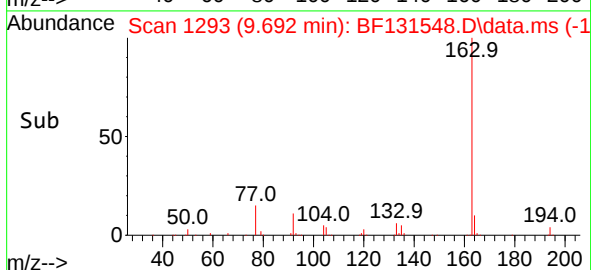
Lab File: BF131548.D

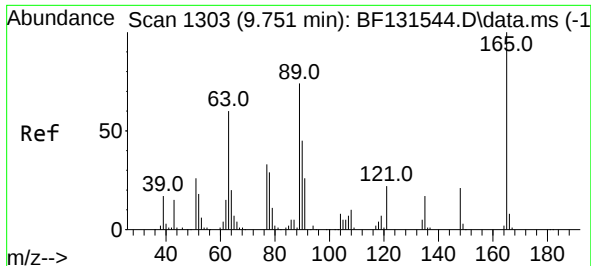
Acq: 07 Dec 2022 21:45



Tgt Ion:163 Resp: 463126

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.6	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 43.144 ng

RT: 9.751 min Scan# 1303

Delta R.T. 0.000 min

Lab File: BF131548.D

Acq: 07 Dec 2022 21:45

Instrument :

BNA_F

ClientSampleId :

ICVBF120722

Tgt Ion:165 Resp: 95040

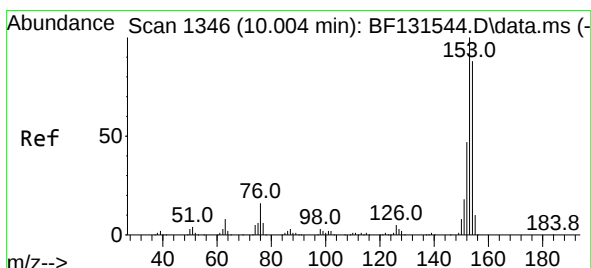
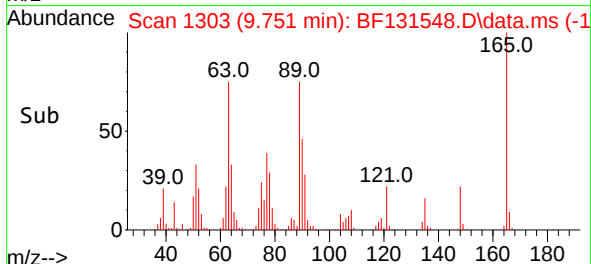
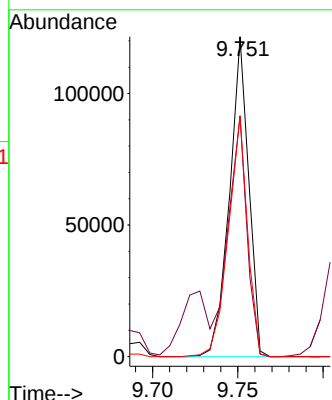
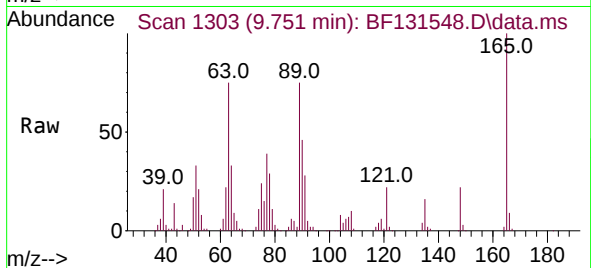
Ion	Ratio	Lower	Upper
165	100		
63	75.2	57.5	86.3
89	75.3	59.4	89.2

Manual Integrations

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Reviewed By :Christian Giraldo 12/08/2022

Supervised By :Jagrut Upadhyay 12/08/2022



#52

Acenaphthene

Concen: 42.835 ng

RT: 10.004 min Scan# 1346

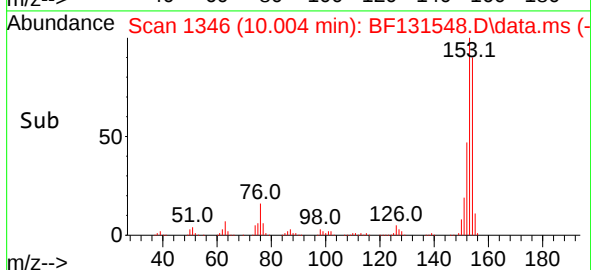
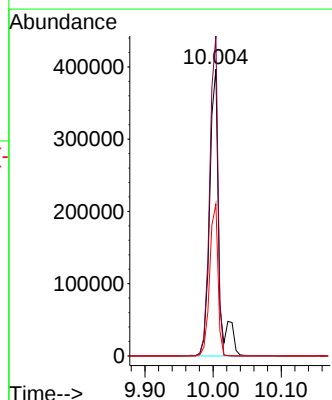
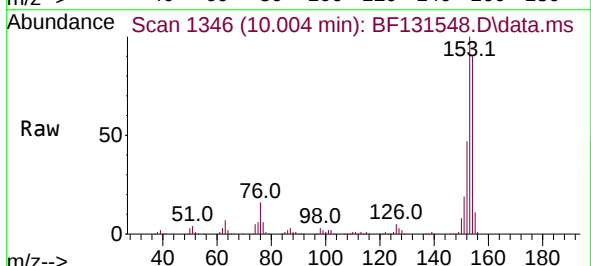
Delta R.T. 0.000 min

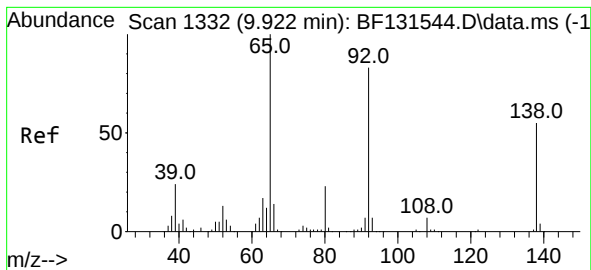
Lab File: BF131548.D

Acq: 07 Dec 2022 21:45

Tgt Ion:154 Resp: 376568

Ion	Ratio	Lower	Upper
154	100		
153	111.6	91.0	136.4
152	52.9	43.0	64.4





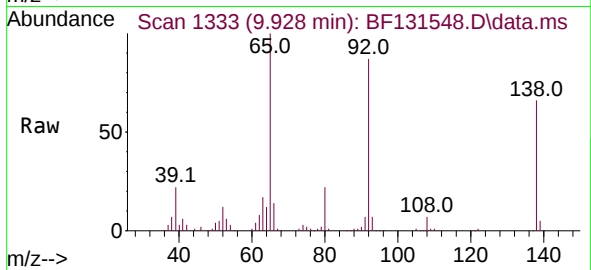
#53
3-Nitroaniline
Concen: 43.910 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

Instrument :

BNA_F

ClientSampleId :

ICVBF120722

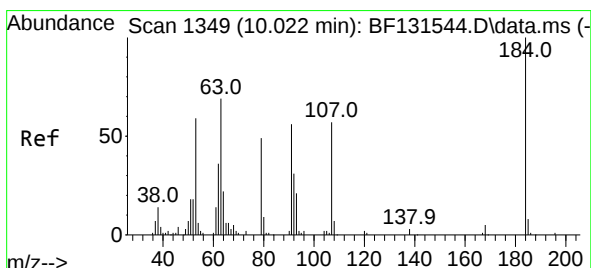
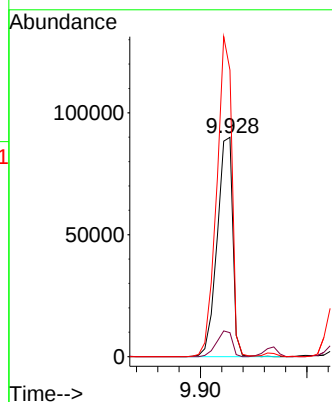
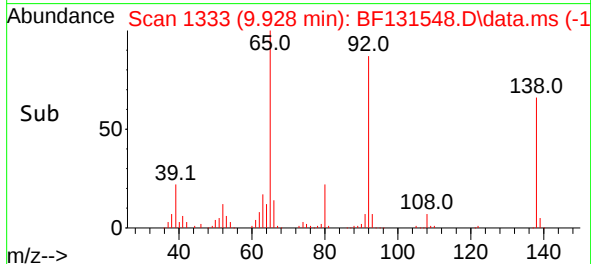


Tgt Ion:138 Resp: 91590
Ion Ratio Lower Upper
138 100
108 10.9 10.6 16.0
92 130.7 121.7 182.5

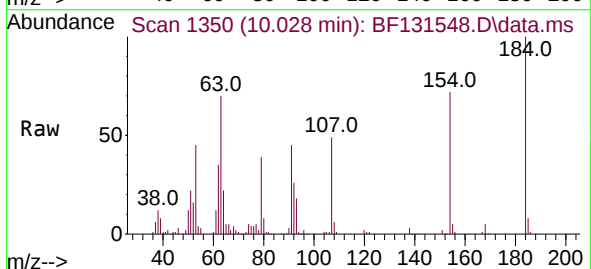
Manual Integrations

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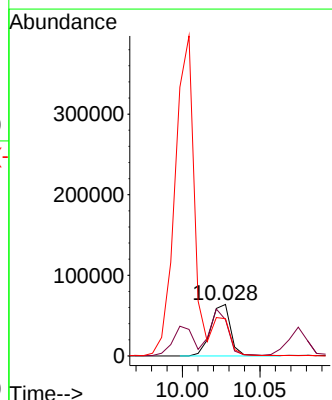
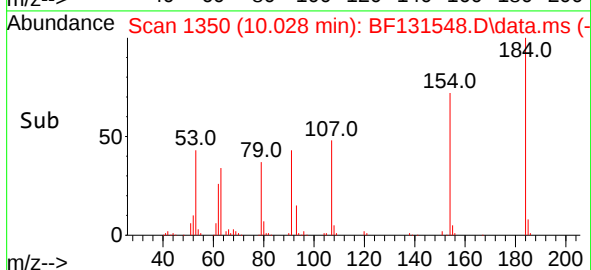
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022

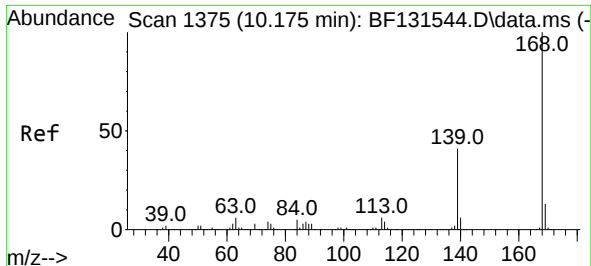


#54
2,4-Dinitrophenol
Concen: 44.015 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45



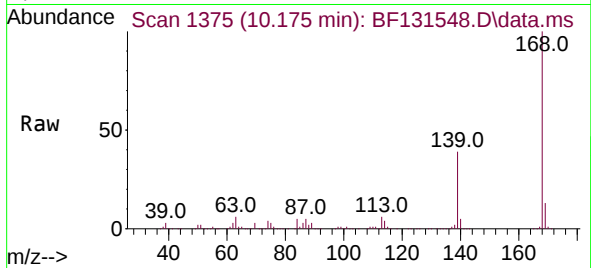
Tgt Ion:184 Resp: 56721
Ion Ratio Lower Upper
184 100
63 70.4 72.6 108.8#
154 72.2 63.6 95.4





#55
Dibenzofuran
Concen: 42.097 ng
RT: 10.175 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

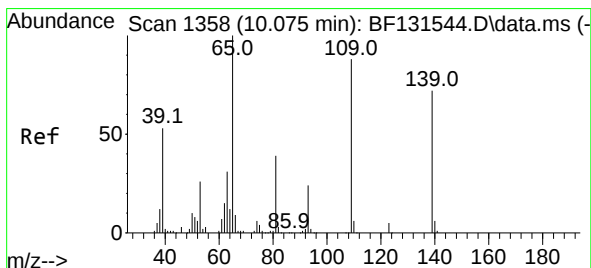
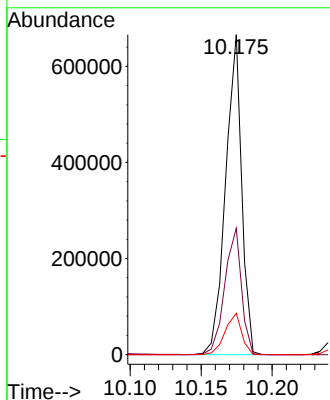
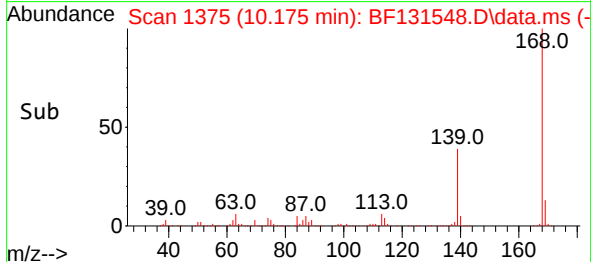
Instrument :
BNA_F
ClientSampleId :
ICVBF120722



Tgt Ion:168 Resp: 525063
Ion Ratio Lower Upper
168 100
139 39.5 32.6 48.8
169 12.9 10.3 15.5

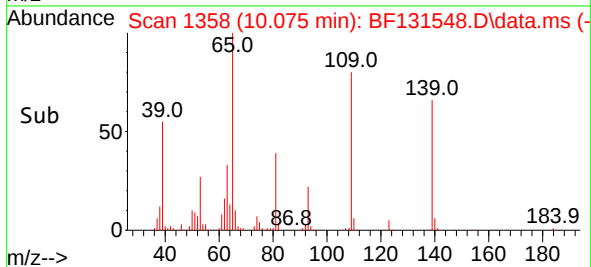
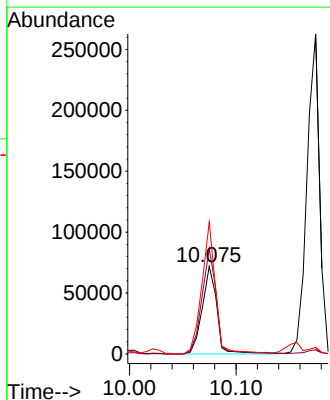
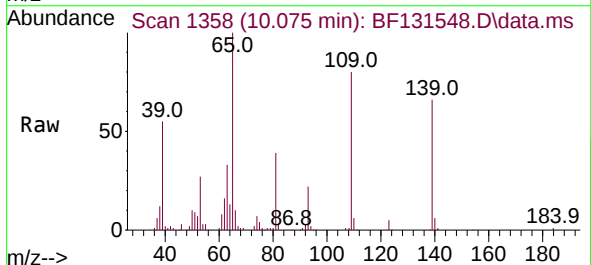
Manual Integrations
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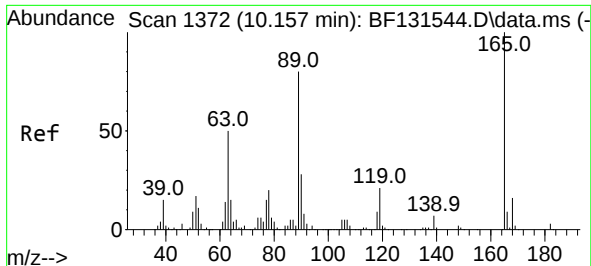
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022



#56
4-Nitrophenol
Concen: 45.456 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

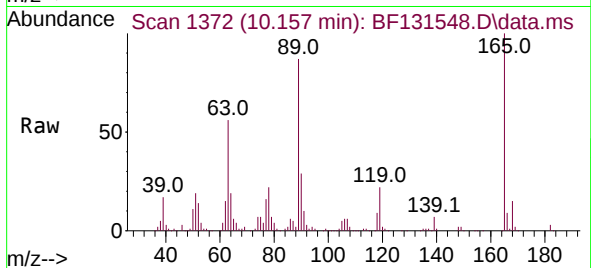
Tgt Ion:139 Resp: 67197
Ion Ratio Lower Upper
139 100
109 120.4 101.9 141.9
65 150.7 118.3 158.3





#57
2,4-Dinitrotoluene
Concen: 44.314 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

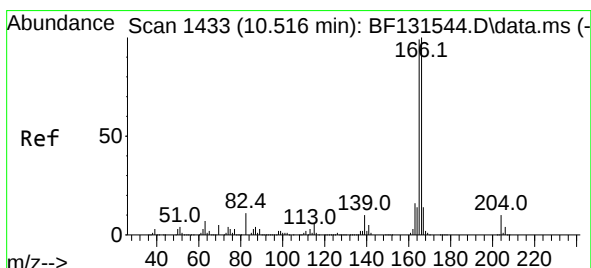
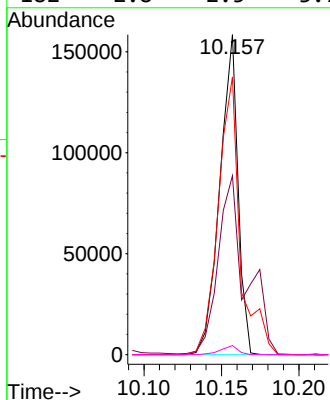
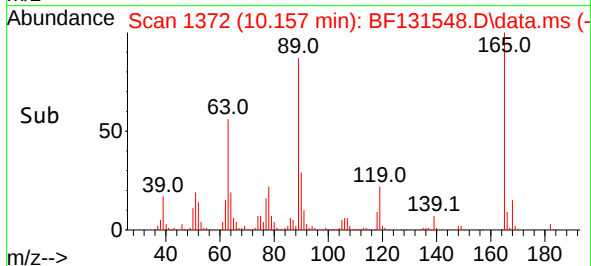
Instrument :
BNA_F
ClientSampleId :
ICVBF120722



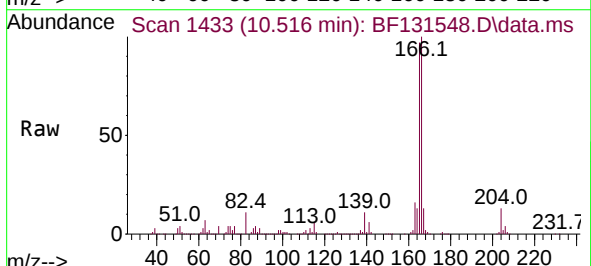
Tgt Ion:165 Resp: 129468
Ion Ratio Lower Upper
165 100
63 55.9 40.2 60.2
89 86.8 64.1 96.1
182 2.8 2.5 3.7

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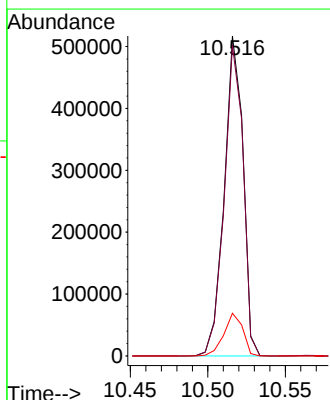
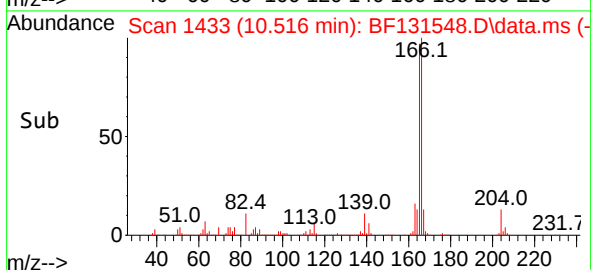
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022

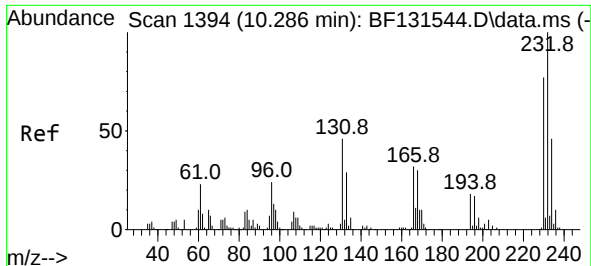


#58
Fluorene
Concen: 42.547 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45



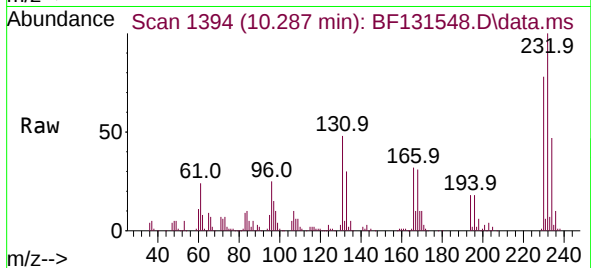
Tgt Ion:166 Resp: 435874
Ion Ratio Lower Upper
166 100
165 97.0 79.2 118.8
167 13.3 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.893 ng m
RT: 10.287 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

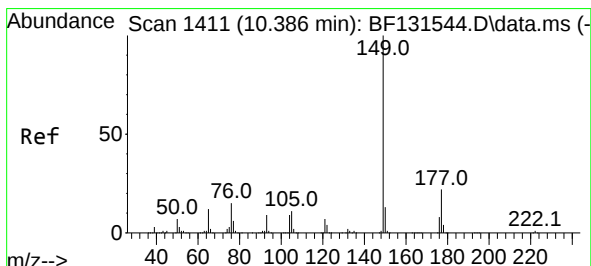
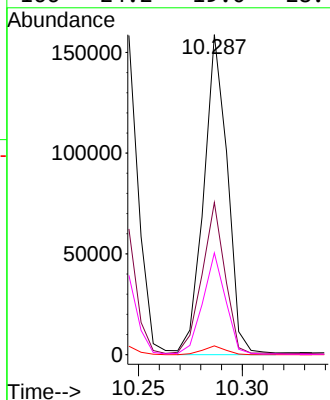
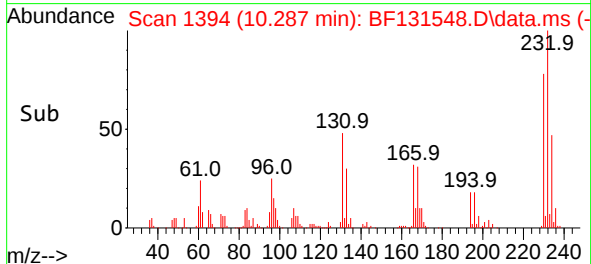
Instrument :
BNA_F
ClientSampleId :
ICVBF120722



Tgt Ion:232 Resp: 125633
Ion Ratio Lower Upper
232 100
131 39.5 31.8 47.6
130 2.5 1.9 2.9
166 24.2 19.0 28.4

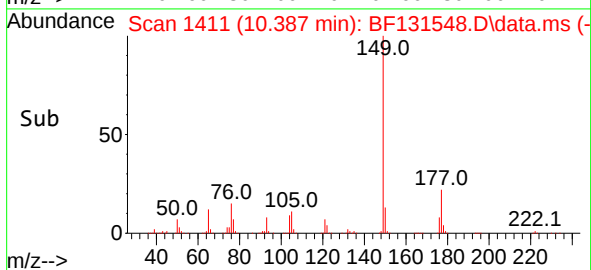
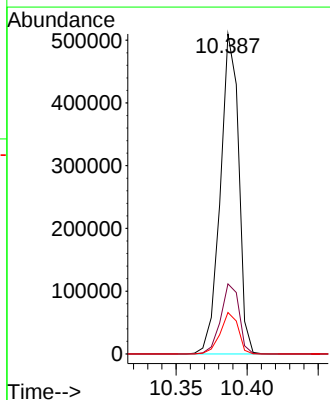
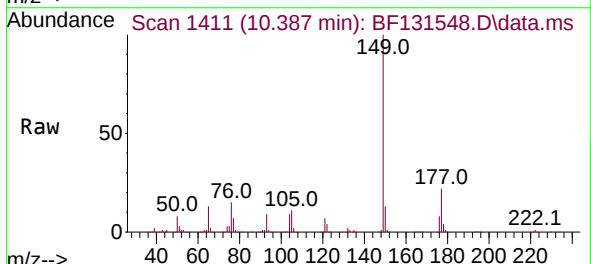
Manual Integrations
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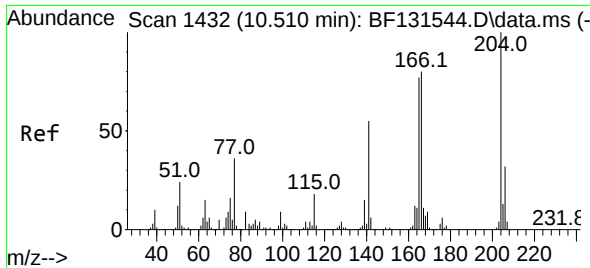
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022



#60
Diethylphthalate
Concen: 43.656 ng
RT: 10.387 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

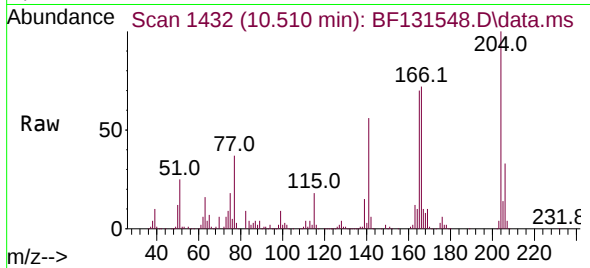
Tgt Ion:149 Resp: 458913
Ion Ratio Lower Upper
149 100
177 21.9 17.9 26.9
150 12.9 10.4 15.6





#61
4-Chlorophenyl-phenylether
Concen: 41.752 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

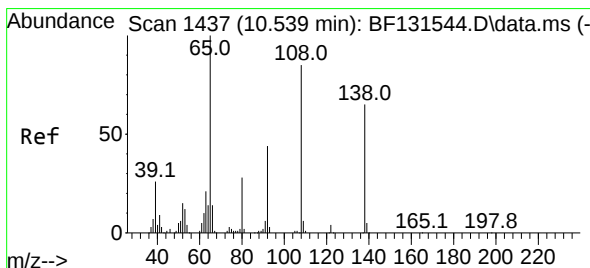
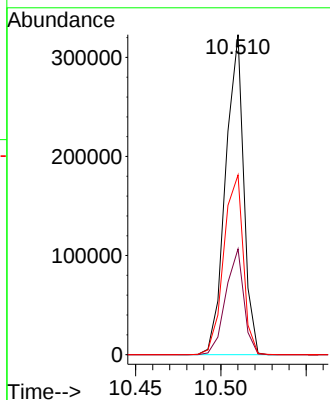
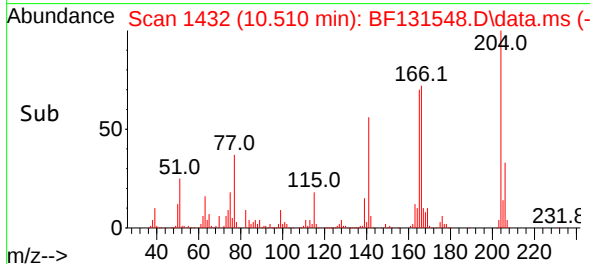
Instrument :
BNA_F
ClientSampleId :
ICVBF120722



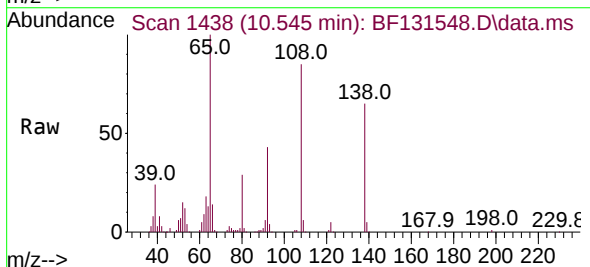
Tgt Ion:204 Resp: 238991
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 56.2 43.8 65.8

Manual Integrations
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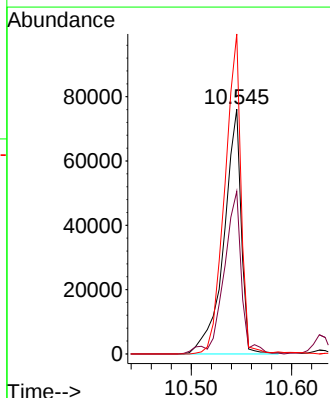
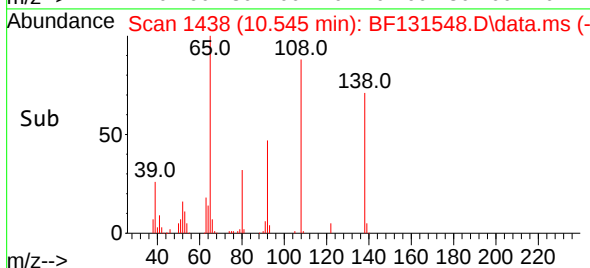
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022

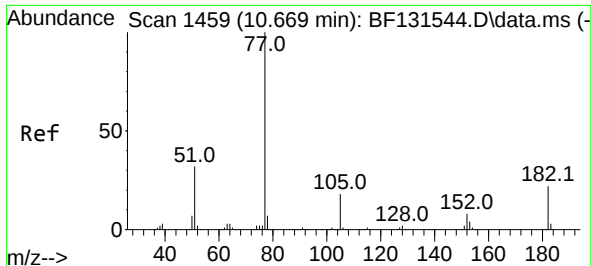


#62
4-Nitroaniline
Concen: 43.427 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45



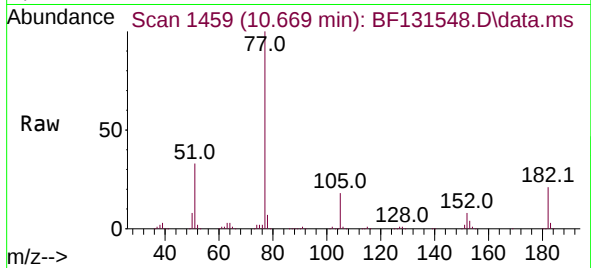
Tgt Ion:138 Resp: 90844
Ion Ratio Lower Upper
138 100
92 66.4 48.9 88.9
108 130.8 111.3 151.3





#63
Azobenzene
Concen: 43.013 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

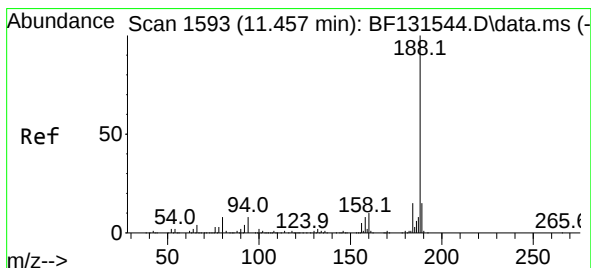
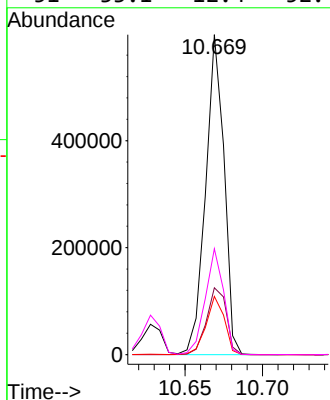
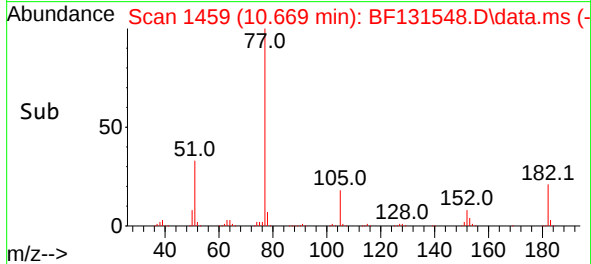
Instrument :
BNA_F
ClientSampleId :
ICVBF120722



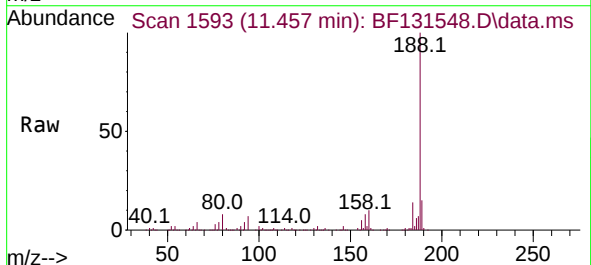
Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.9	2.4	42.4
105	18.2	0.0	38.1
51	33.1	12.4	52.4

Manual Integrations
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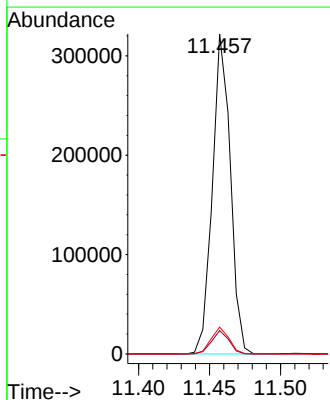
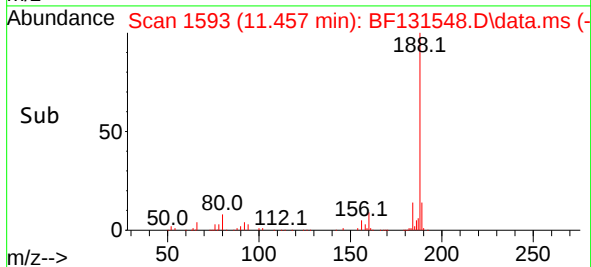
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022

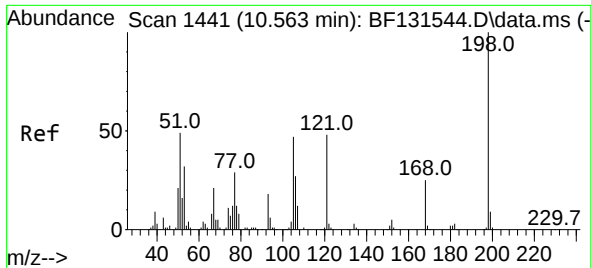


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45



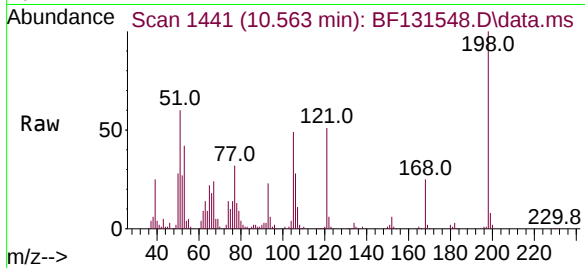
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.1	9.1
80	8.4	6.2	9.4





#65
4,6-Dinitro-2-methylphenol
Concen: 42.591 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

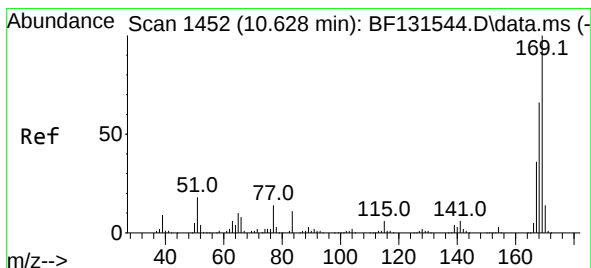
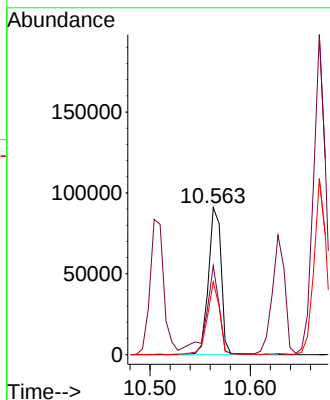
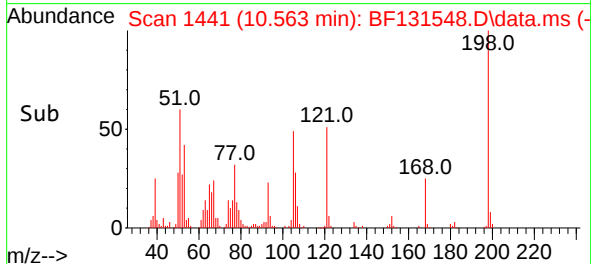
Instrument :
BNA_F
ClientSampleId :
ICVBF120722



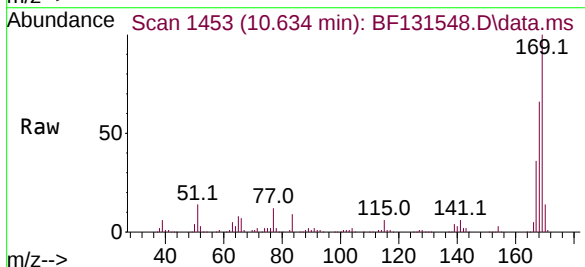
Tgt Ion:198 Resp: 80285
Ion Ratio Lower Upper
198 100
51 60.4 33.0 73.0
105 49.4 28.0 68.0

Manual Integrations
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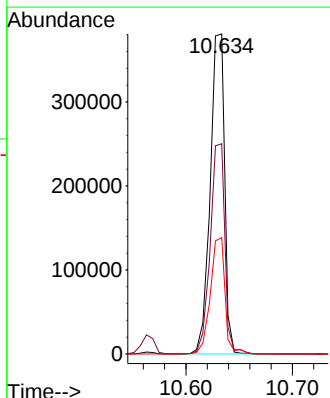
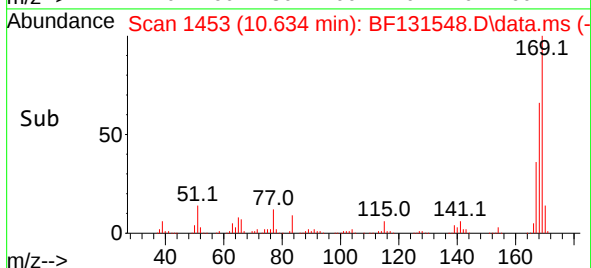
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022

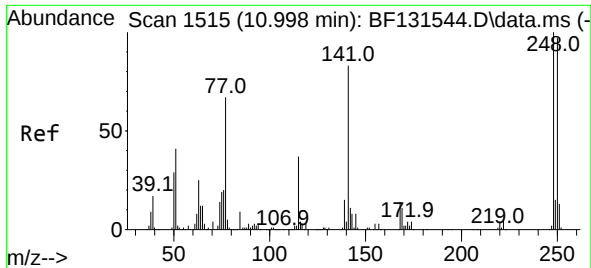


#66
n-Nitrosodiphenylamine
Concen: 38.933 ng
RT: 10.634 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45



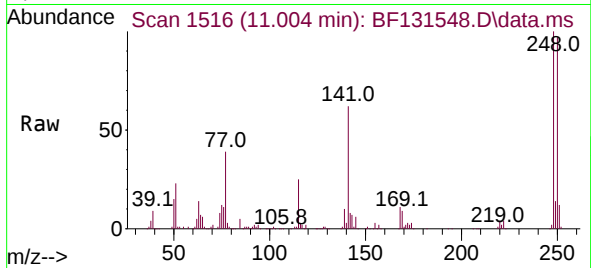
Tgt Ion:169 Resp: 358630
Ion Ratio Lower Upper
169 100
168 65.7 52.8 79.2
167 36.3 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 39.331 ng
RT: 11.004 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

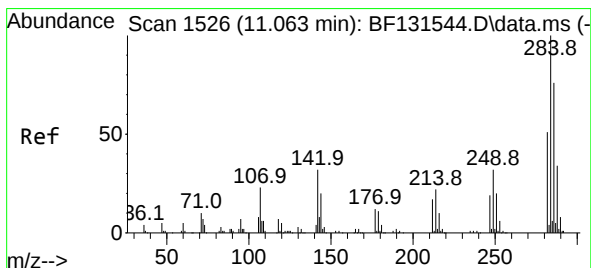
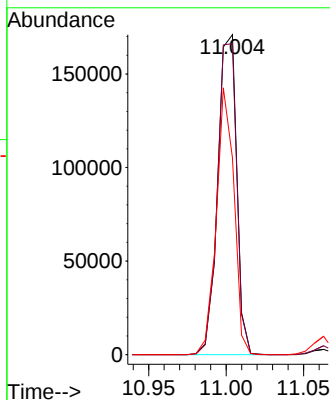
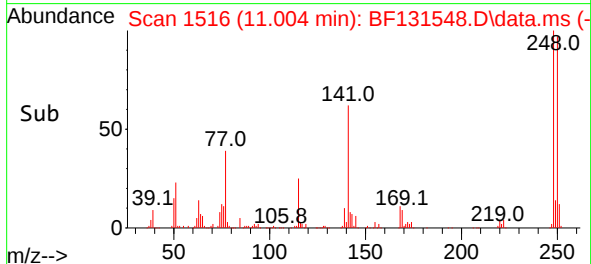
Instrument :
BNA_F
ClientSampleId :
ICVBF120722



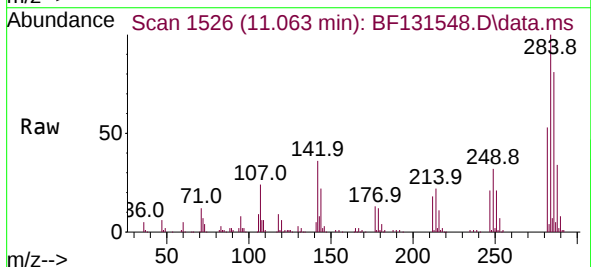
Tgt Ion:248 Resp: 146172
Ion Ratio Lower Upper
248 100
250 97.2 77.9 116.9
141 61.5 66.6 99.8

Manual Integrations
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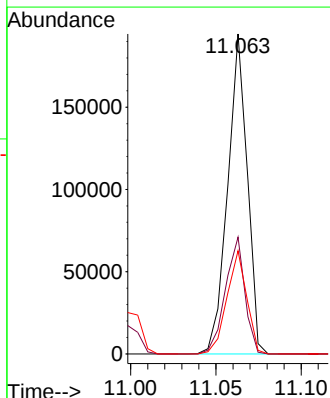
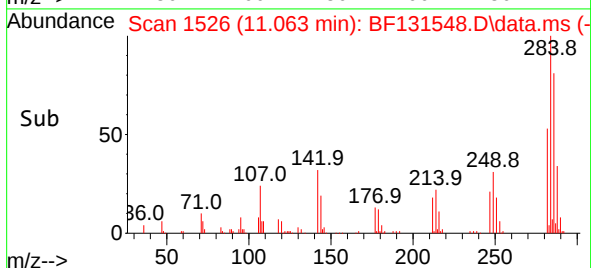
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022

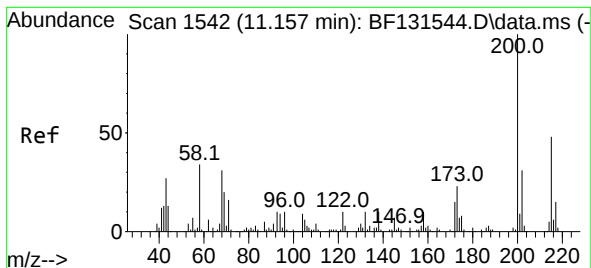


#68
Hexachlorobenzene
Concen: 38.831 ng
RT: 11.063 min Scan# 1526
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45



Tgt Ion:284 Resp: 155452
Ion Ratio Lower Upper
284 100
142 36.5 25.7 38.5
249 32.2 25.5 38.3





#69

Atrazine

Concen: 42.806 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.000 min

Lab File: BF131548.D

Acq: 07 Dec 2022 21:45

Instrument :

BNA_F

ClientSampleId :

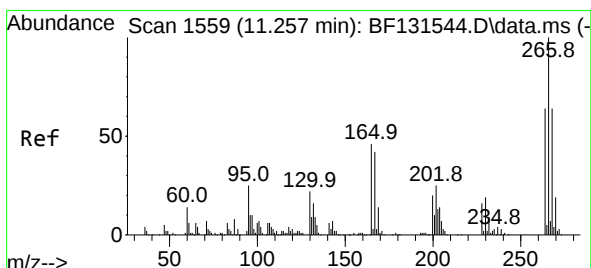
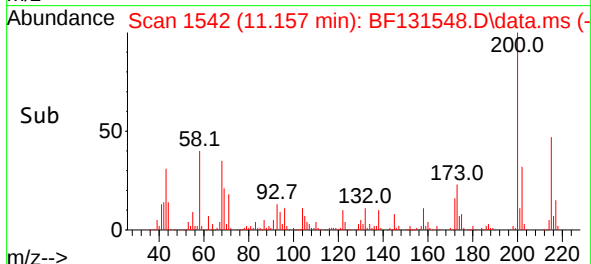
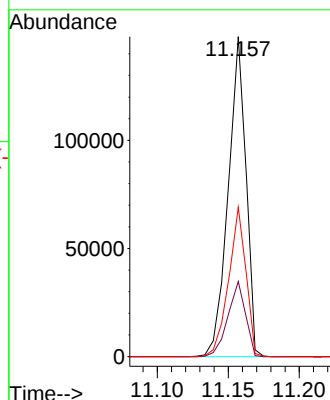
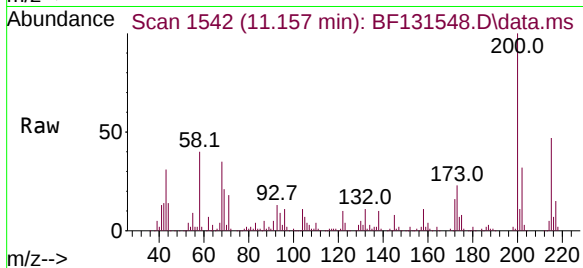
ICVBF120722

Tgt Ion:200 Resp: 128752
 Ion Ratio Lower Upper
 200 100
 173 23.5 3.4 43.4
 215 46.7 27.9 67.9

Manual Integrations

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Reviewed By :Christian Giraldo 12/08/2022
 Supervised By :Jagrut Upadhyay 12/08/2022



#70

Pentachlorophenol

Concen: 42.080 ng

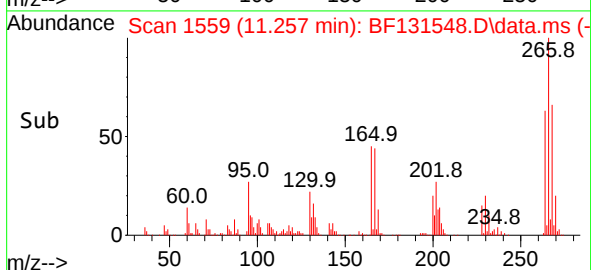
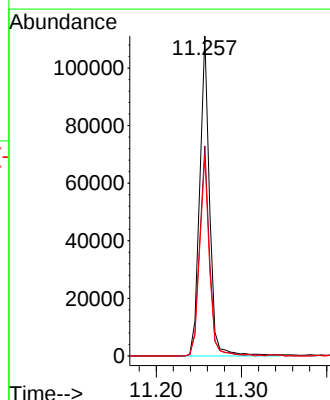
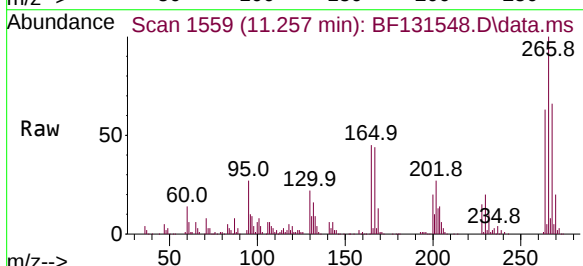
RT: 11.257 min Scan# 1559

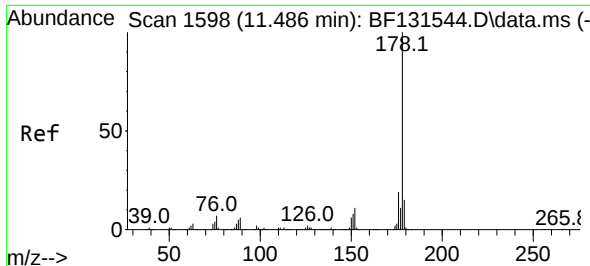
Delta R.T. 0.000 min

Lab File: BF131548.D

Acq: 07 Dec 2022 21:45

Tgt Ion:266 Resp: 89439
 Ion Ratio Lower Upper
 266 100
 268 65.6 51.5 77.3
 264 62.7 51.0 76.6





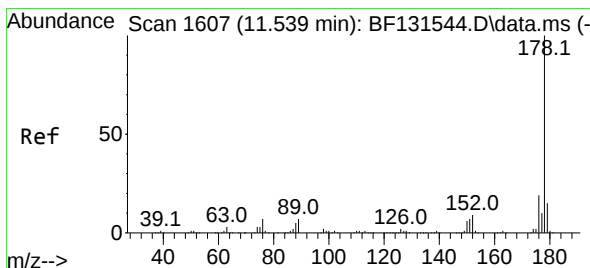
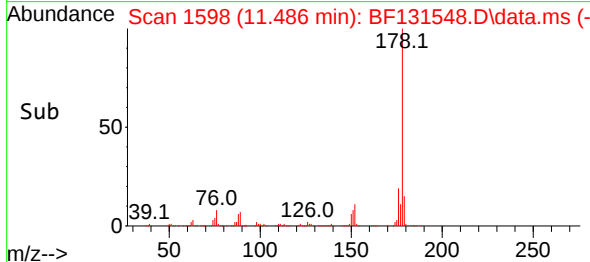
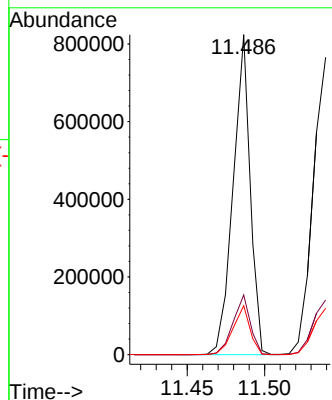
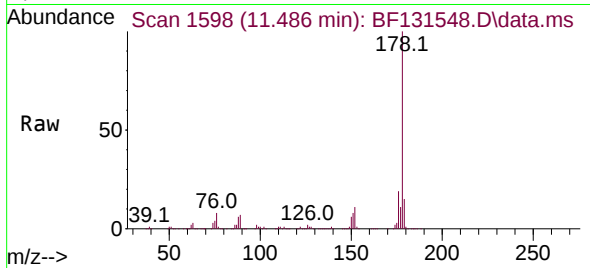
#71
Phenanthrene
Concen: 39.983 ng
RT: 11.486 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

Instrument :
BNA_F
ClientSampleId :
ICVBF120722

Tgt Ion:178 Resp: 631931
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 15.3 11.9 17.9

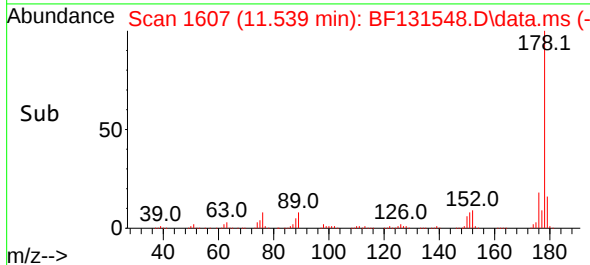
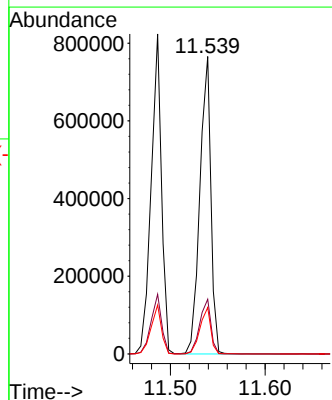
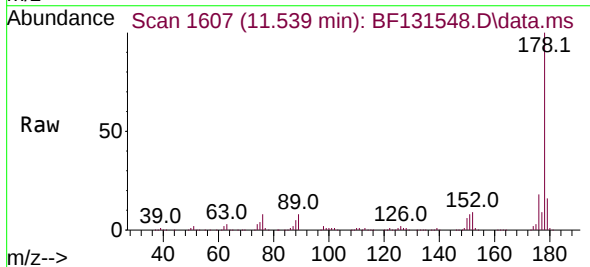
Manual Integrations
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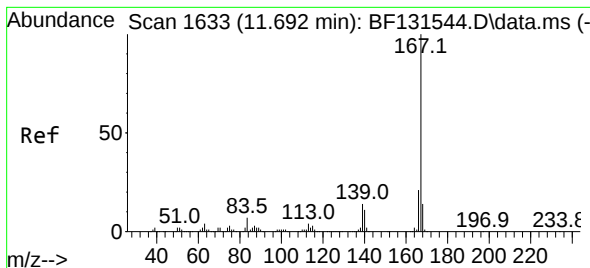
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022



#72
Anthracene
Concen: 40.174 ng
RT: 11.539 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

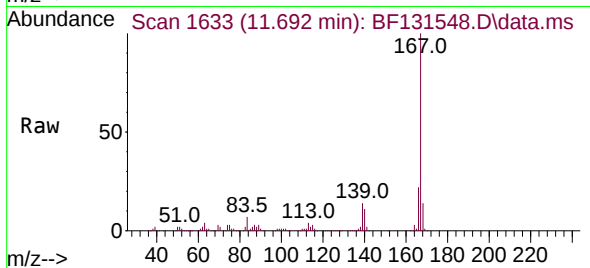
Tgt Ion:178 Resp: 617183
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 15.6 12.0 18.0





#73
 Carbazole
 Concen: 40.320 ng
 RT: 11.692 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: BF131548.D
 Acq: 07 Dec 2022 21:45

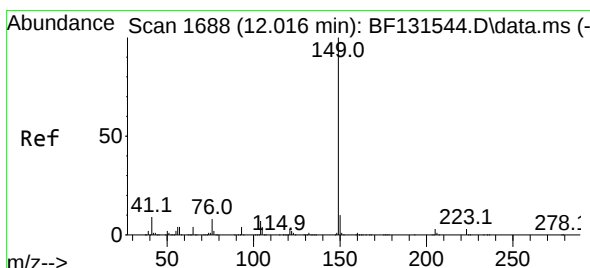
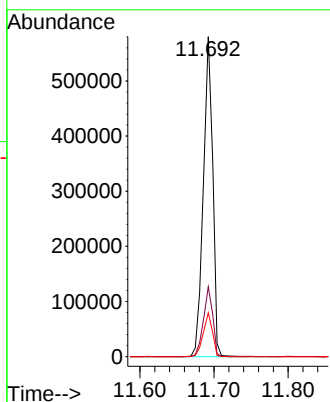
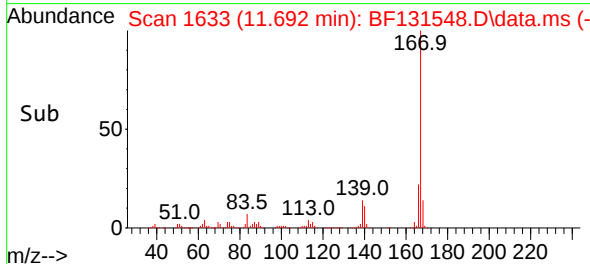
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120722



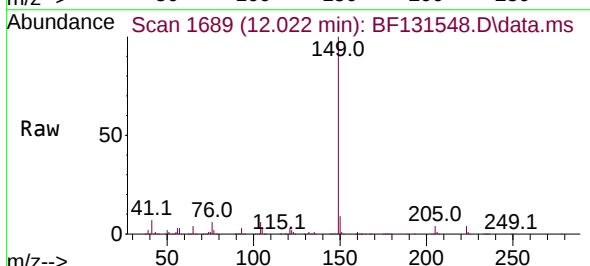
Tgt Ion:167 Resp: 508696
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 13.7 10.9 16.3

Manual Integrations
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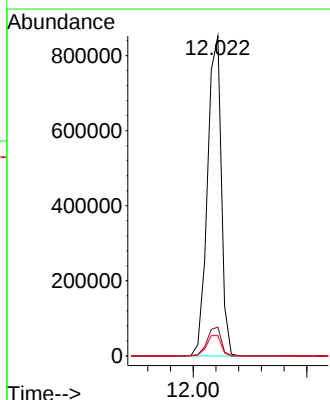
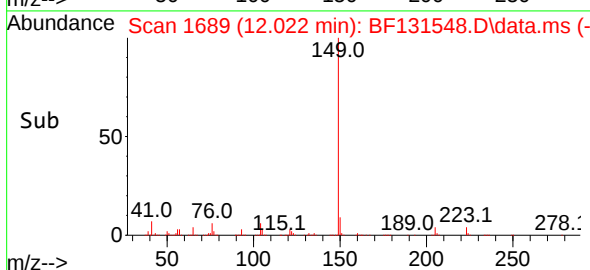
Reviewed By :Christian Giraldo 12/08/2022
 Supervised By :Jagrut Upadhyay 12/08/2022

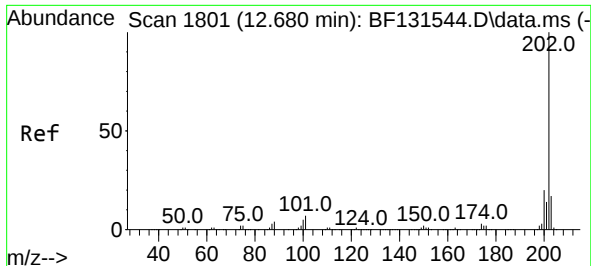


#74
 Di-n-butylphthalate
 Concen: 42.552 ng
 RT: 12.022 min Scan# 1689
 Delta R.T. 0.006 min
 Lab File: BF131548.D
 Acq: 07 Dec 2022 21:45



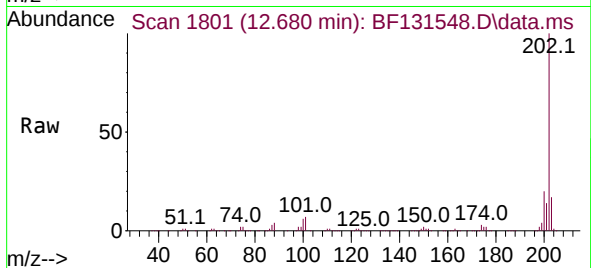
Tgt Ion:149 Resp: 719229
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.6 11.4
 104 6.3 5.4 8.2





#75
Fluoranthene
Concen: 41.393 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

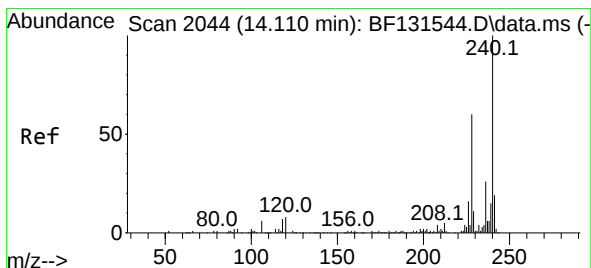
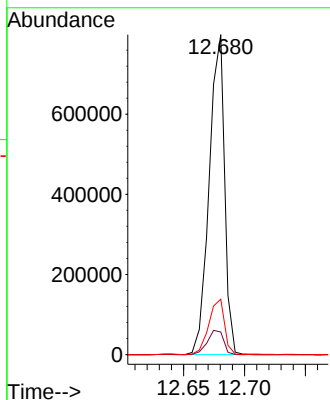
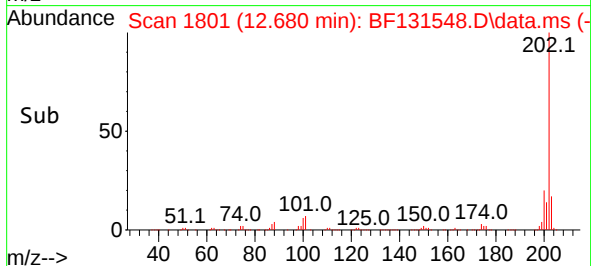
Instrument :
BNA_F
ClientSampleId :
ICVBF120722



Tgt Ion:202 Resp: 701320
Ion Ratio Lower Upper
202 100
101 7.1 0.0 27.3
203 17.3 0.0 37.0

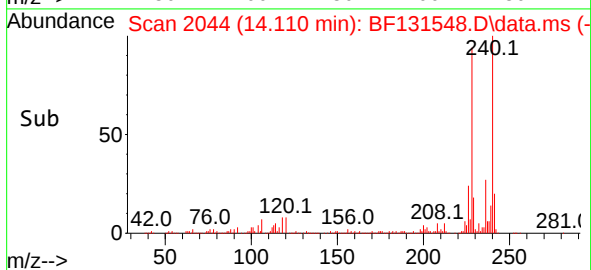
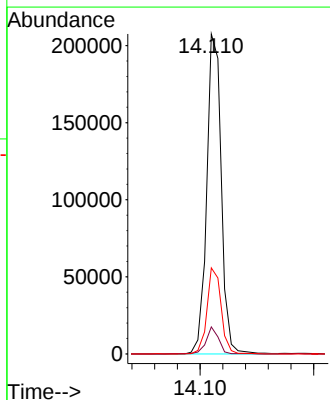
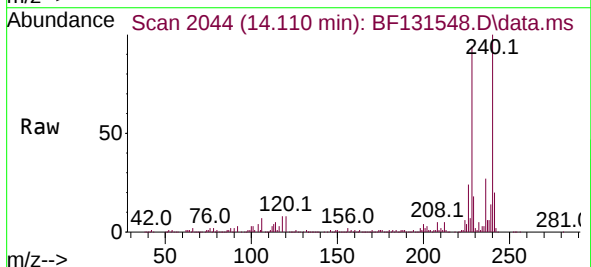
Manual Integrations
APPROVED

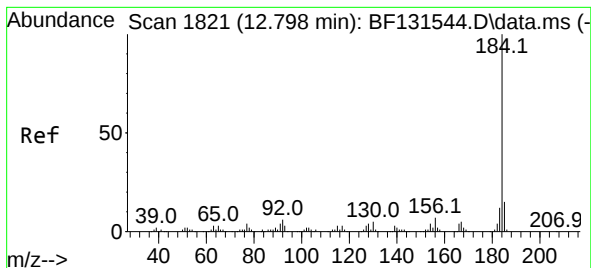
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

Tgt Ion:240 Resp: 184773
Ion Ratio Lower Upper
240 100
120 8.4 6.2 9.4
236 26.9 20.5 30.7





#77

Benzidine

Concen: 35.901 ng

RT: 12.798 min Scan# 1821

Delta R.T. 0.000 min

Lab File: BF131548.D

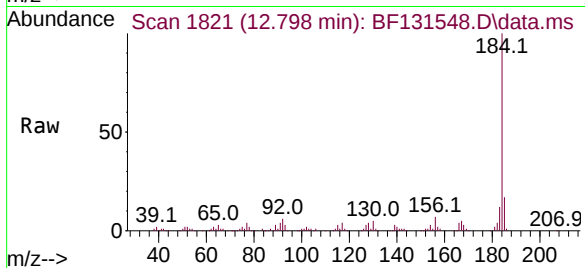
Acq: 07 Dec 2022 21:45

Instrument :

BNA_F

ClientSampleId :

ICVBF120722



Tgt Ion:184 Resp: 125572

Ion Ratio Lower Upper

184 100

185 16.6 12.2 18.4

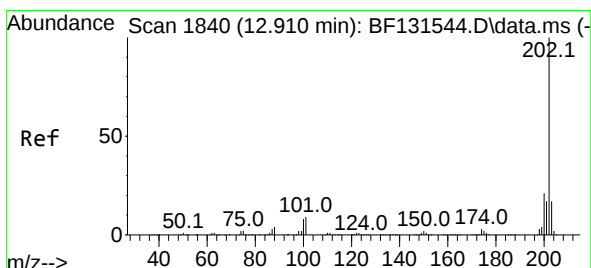
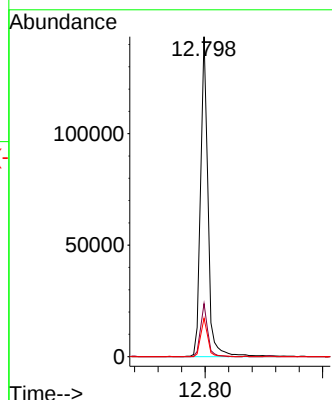
183 12.0 9.3 13.9

Manual Integrations

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Reviewed By :Christian Giraldo 12/08/2022

Supervised By :Jagrut Upadhyay 12/08/2022



#78

Pyrene

Concen: 38.865 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF131548.D

Acq: 07 Dec 2022 21:45

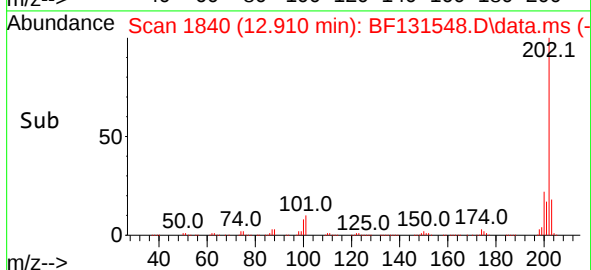
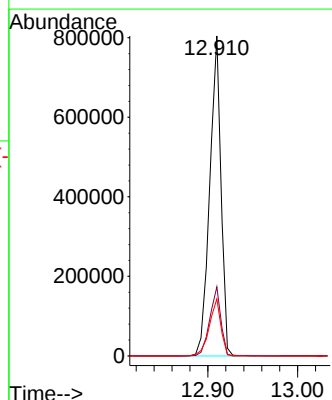
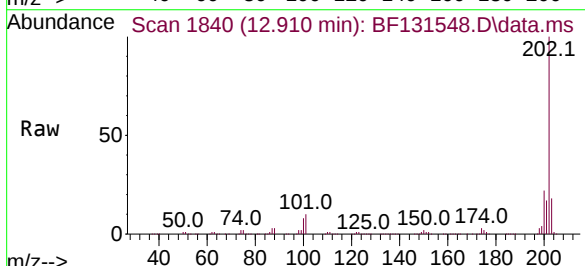
Tgt Ion:202 Resp: 700064

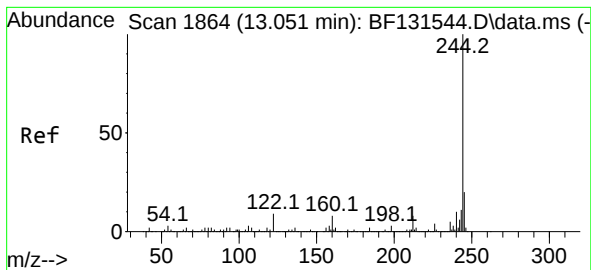
Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.4

203 17.8 13.9 20.9





#79

Terphenyl-d14

Concen: 80.106 ng

RT: 13.051 min Scan# 1864

Delta R.T. 0.000 min

Lab File: BF131548.D

Acq: 07 Dec 2022 21:45

Instrument :

BNA_F

ClientSampleId :

ICVBF120722

Tgt Ion:244 Resp: 1111054

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

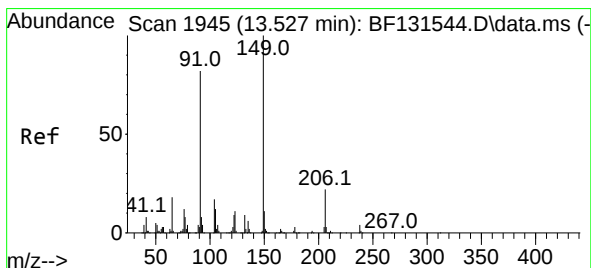
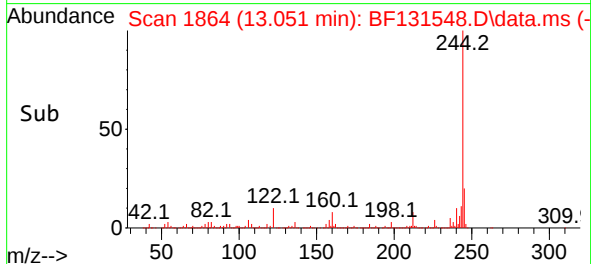
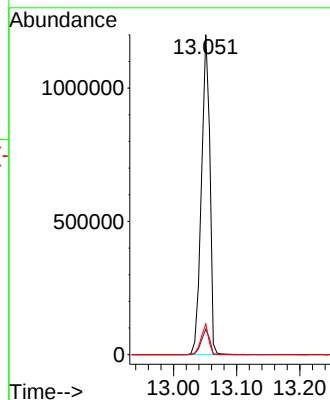
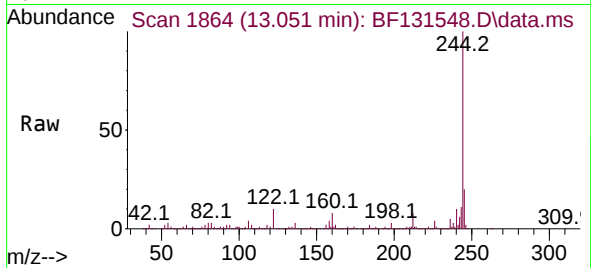
122 9.6 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/08/2022

Supervised By :Jagrut Upadhyay 12/08/2022



#80

Butylbenzylphthalate

Concen: 45.667 ng

RT: 13.527 min Scan# 1945

Delta R.T. 0.000 min

Lab File: BF131548.D

Acq: 07 Dec 2022 21:45

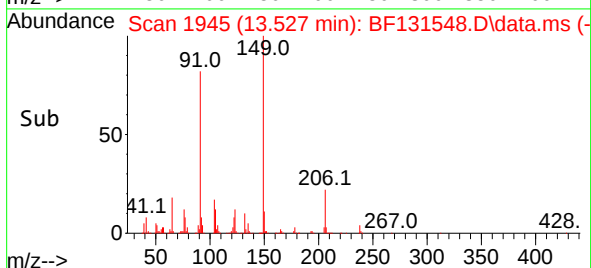
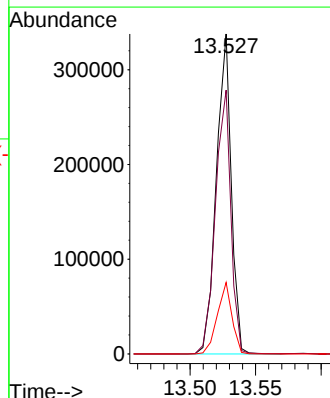
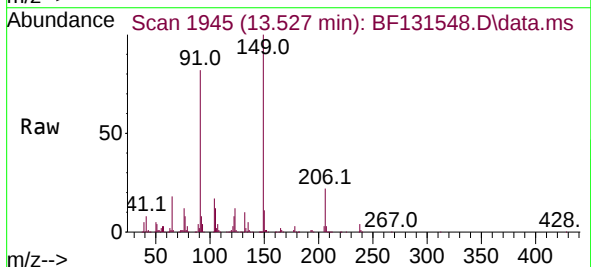
Tgt Ion:149 Resp: 267144

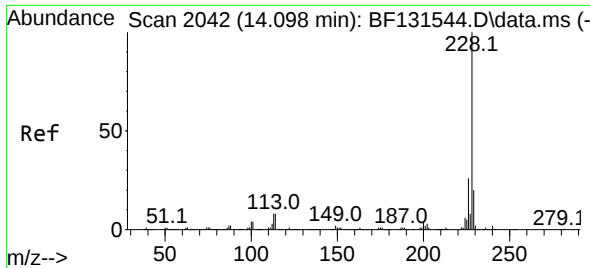
Ion Ratio Lower Upper

149 100

91 82.4 65.8 98.6

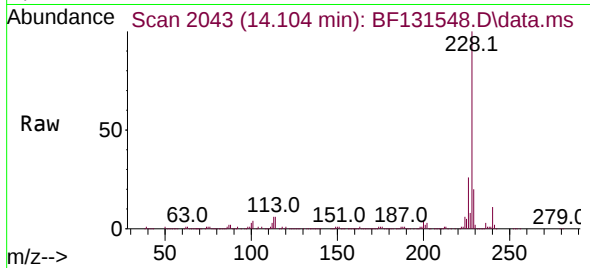
206 22.3 17.6 26.4





#81
Benzo(a)anthracene
Concen: 42.772 ng
RT: 14.104 min Scan# 2042
Delta R.T. 0.006 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

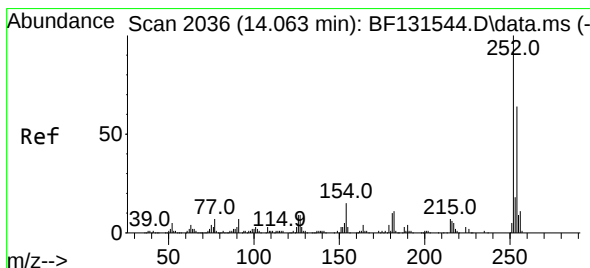
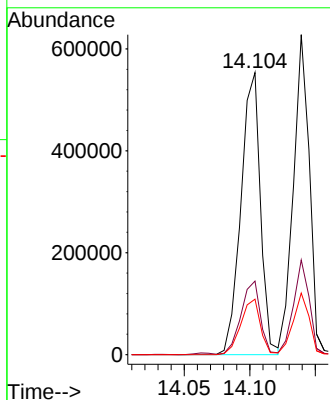
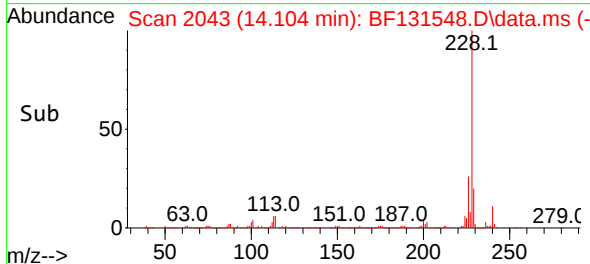
Instrument :
BNA_F
ClientSampleId :
ICVBF120722



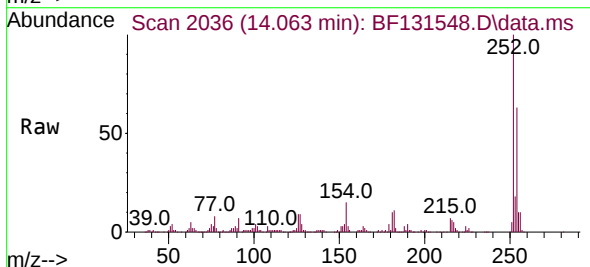
Tgt Ion:228 Resp: 572094
Ion Ratio Lower Upper
228 100
226 26.1 20.6 31.0
229 19.7 15.8 23.8

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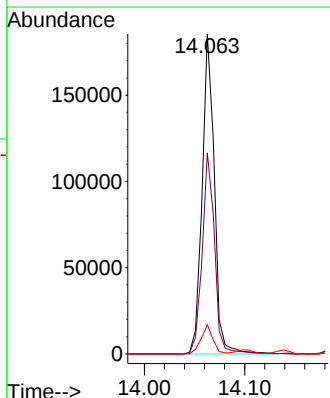
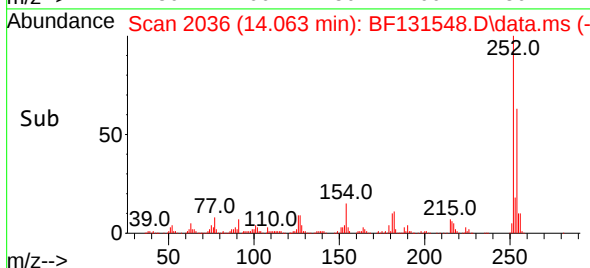
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022

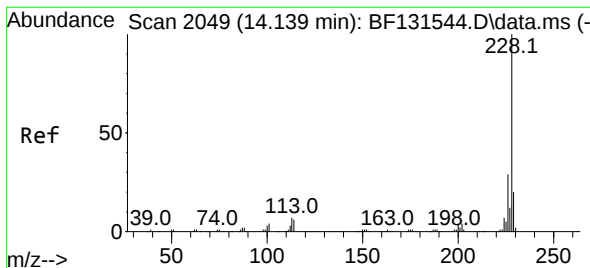


#82
3,3'-Dichlorobenzidine
Concen: 41.902 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45



Tgt Ion:252 Resp: 155992
Ion Ratio Lower Upper
252 100
254 62.8 51.0 76.4
126 9.1 7.3 10.9





#83

Chrysene

Concen: 42.138 ng

RT: 14.139 min Scan# 2049

Delta R.T. 0.000 min

Lab File: BF131548.D

Acq: 07 Dec 2022 21:45

Instrument :

BNA_F

ClientSampleId :

ICVBF120722

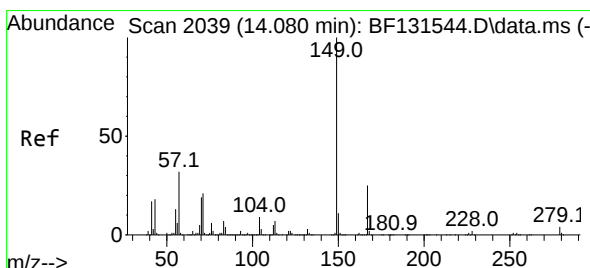
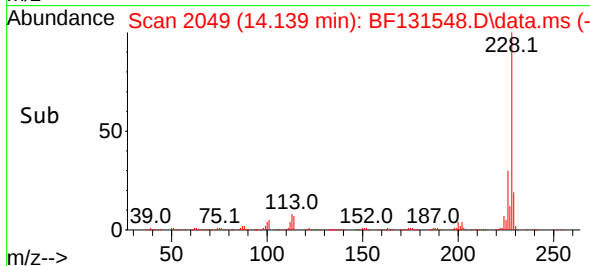
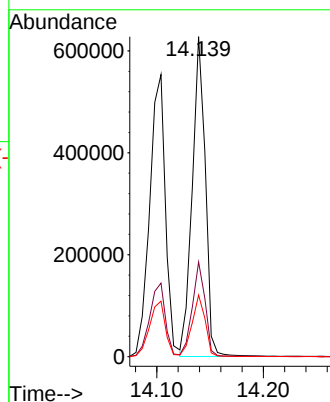
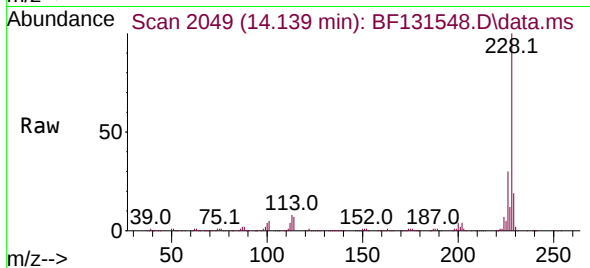
Tgt Ion:	228	Resp:	535985
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.4	35.2
229	19.2	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/08/2022

Supervised By :Jagrut Upadhyay 12/08/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.778 ng

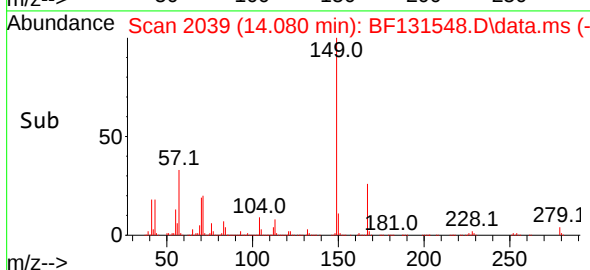
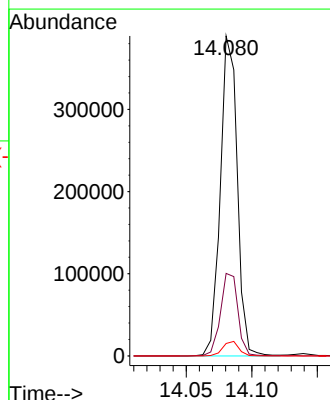
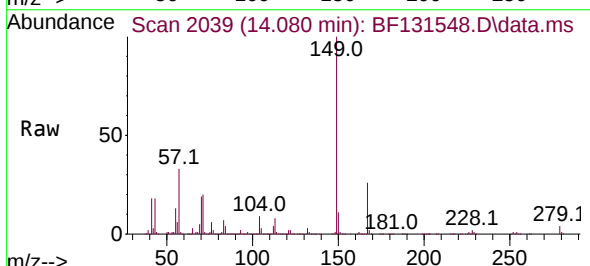
RT: 14.080 min Scan# 2039

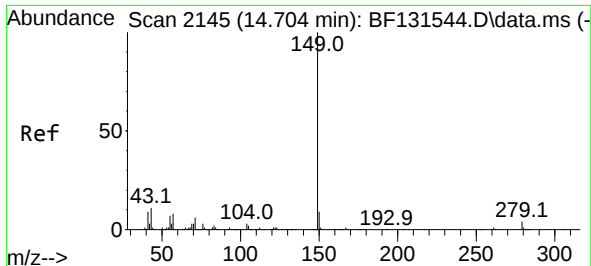
Delta R.T. 0.000 min

Lab File: BF131548.D

Acq: 07 Dec 2022 21:45

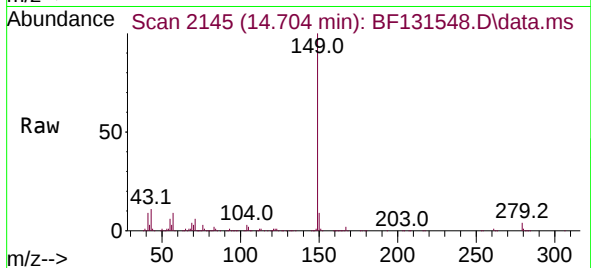
Tgt Ion:	149	Resp:	351396
Ion Ratio	Lower	Upper	
149	100		
167	25.8	20.3	30.5
279	3.9	3.0	4.4





#85
Di-n-octyl phthalate
Concen: 43.063 ng
RT: 14.704 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

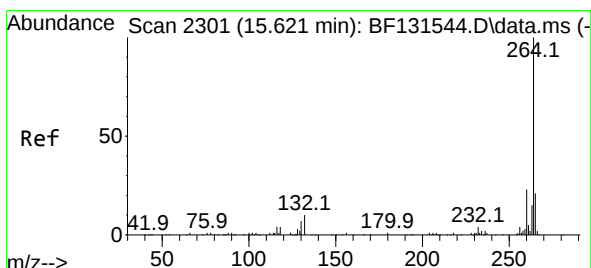
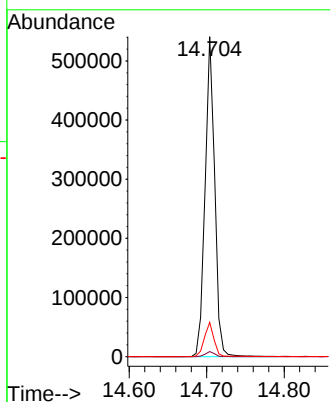
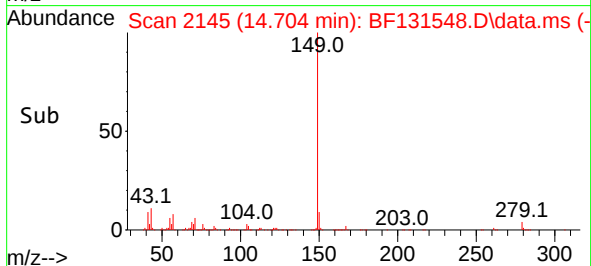
Instrument : BNA_F
ClientSampleId : ICVBF120722



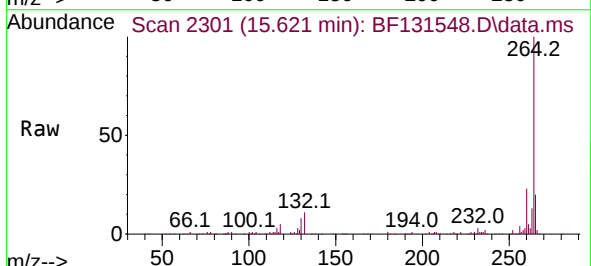
Tgt Ion:149 Resp: 465702
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.8 8.6 13.0

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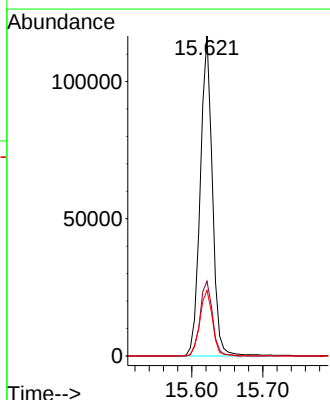
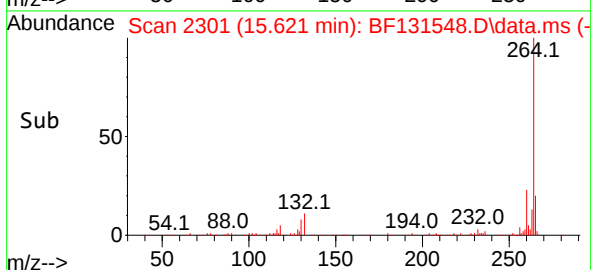
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022

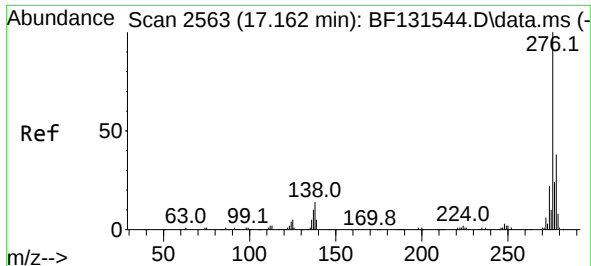


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2301
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45



Tgt Ion:264 Resp: 137408
Ion Ratio Lower Upper
264 100
260 23.4 18.2 27.2
265 20.5 16.6 25.0





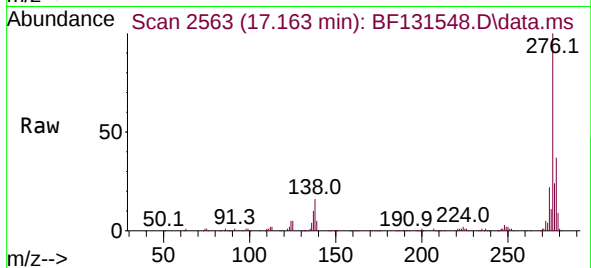
#87
Indeno(1,2,3-cd)pyrene
Concen: 36.205 ng
RT: 17.163 min Scan# 2563
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

Instrument :

BNA_F

ClientSampleId :

ICVBF120722

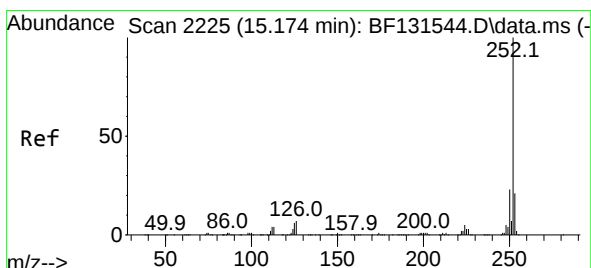
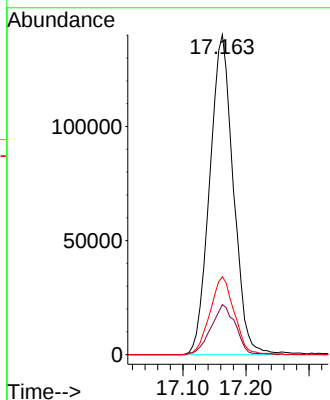
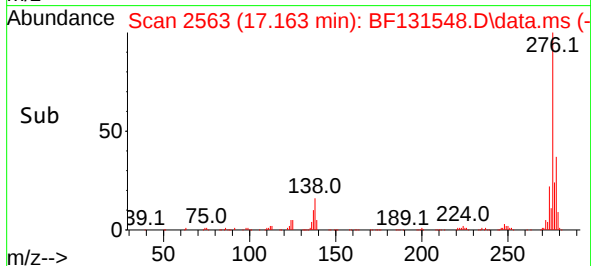


Tgt Ion:276 Resp: 364291
Ion Ratio Lower Upper
276 100
138 16.3 12.7 19.1
277 25.0 19.8 29.6

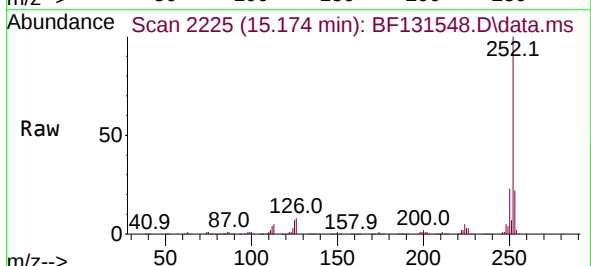
Manual Integrations

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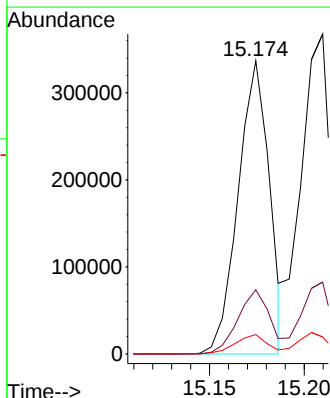
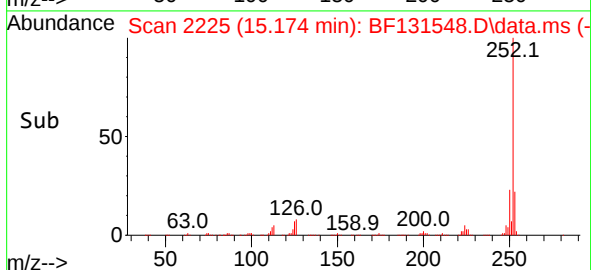
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :Jagrut Upadhyay 12/08/2022

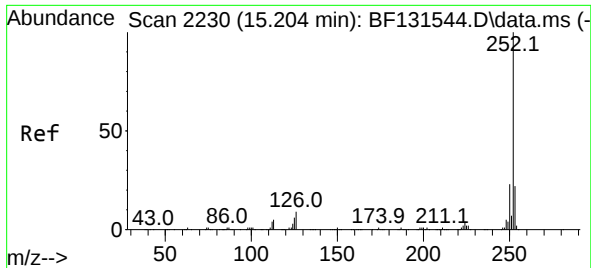


#88
Benzo(b)fluoranthene
Concen: 41.149 ng
RT: 15.174 min Scan# 2225
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45



Tgt Ion:252 Resp: 386660
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 6.6 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 42.718 ng

RT: 15.210 min Scan# 2231

Delta R.T. 0.006 min

Lab File: BF131548.D

Acq: 07 Dec 2022 21:45

Instrument :

BNA_F

ClientSampleId :

ICVBF120722

Tgt Ion:252 Resp: 410550

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

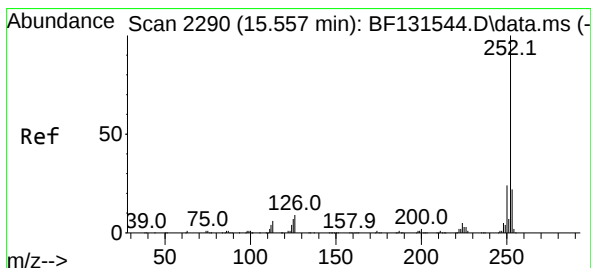
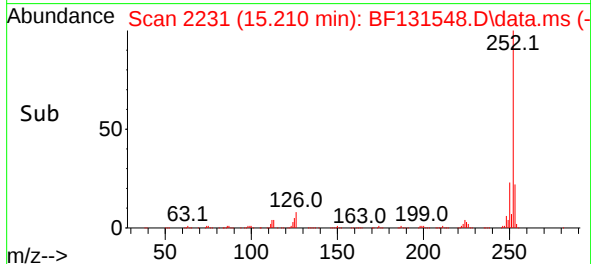
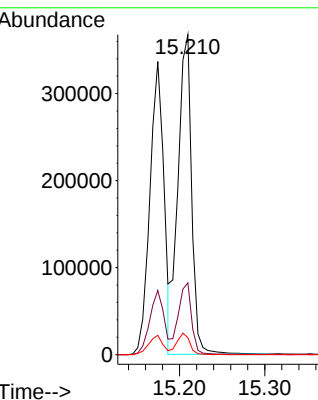
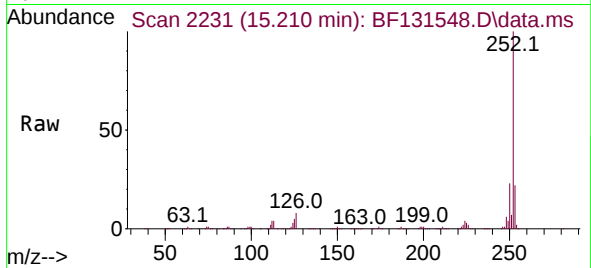
125 5.3 5.1 7.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/08/2022

Supervised By :Jagrut Upadhyay 12/08/2022



#90

Benzo(a)pyrene

Concen: 40.698 ng

RT: 15.557 min Scan# 2290

Delta R.T. 0.000 min

Lab File: BF131548.D

Acq: 07 Dec 2022 21:45

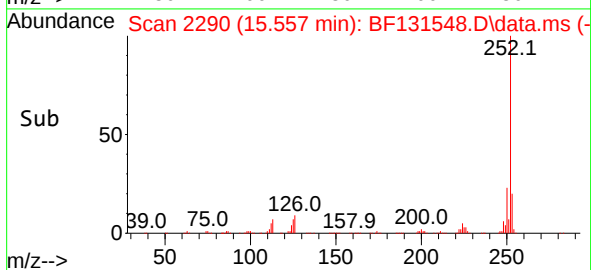
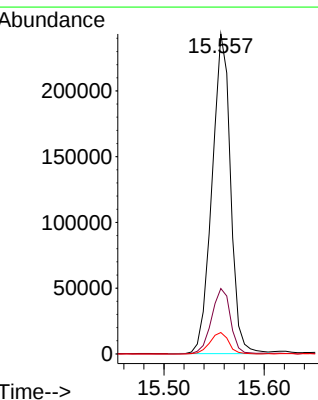
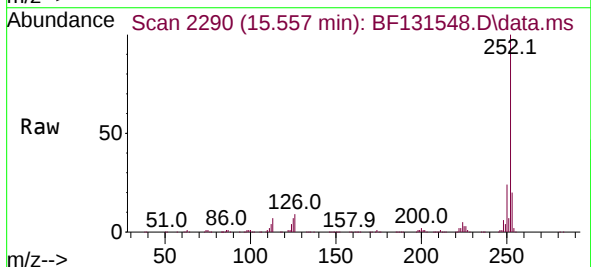
Tgt Ion:252 Resp: 312920

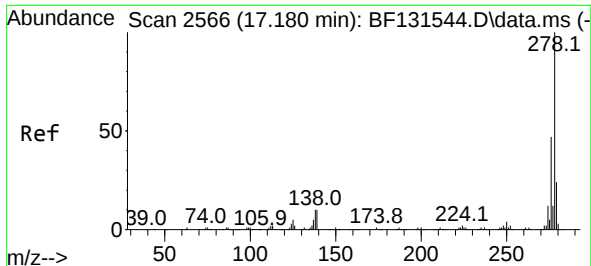
Ion Ratio Lower Upper

252 100

253 20.4 17.7 26.5

125 6.7 5.4 8.0





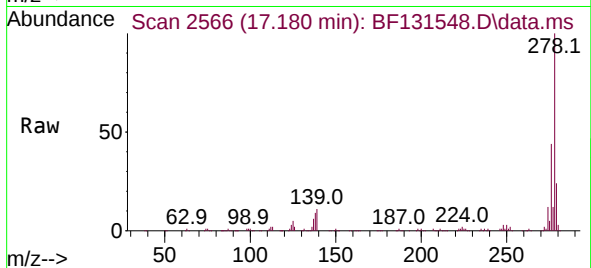
#91
Dibenzo(a,h)anthracene
Concen: 36.371 ng
RT: 17.180 min Scan# 2566
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45

Instrument :

BNA_F

ClientSampleId :

ICVBF120722

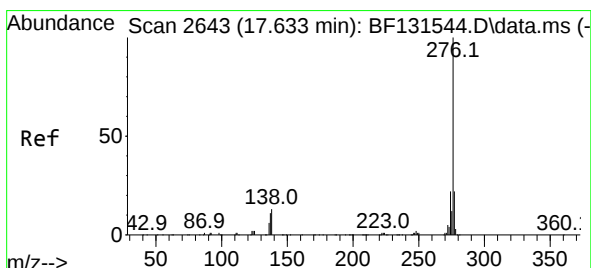
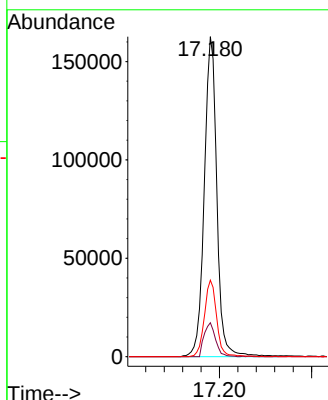
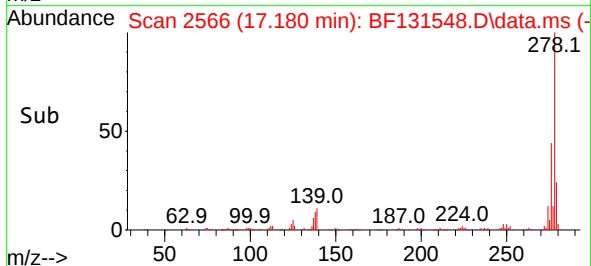


Tgt Ion: 278 Resp: 306574
Ion Ratio Lower Upper
278 100
139 10.6 7.9 11.9
279 23.9 19.0 28.4

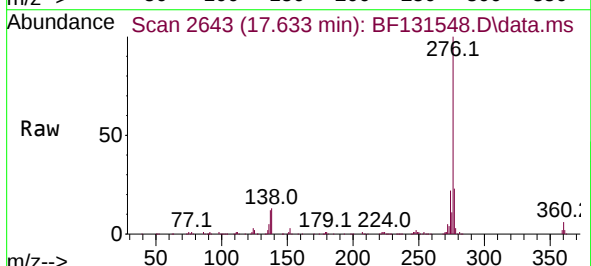
Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 12/08/2022
Supervised By : Jagrut Upadhyay 12/08/2022



#92
Benzo(g,h,i)perylene
Concen: 36.575 ng
RT: 17.633 min Scan# 2643
Delta R.T. 0.000 min
Lab File: BF131548.D
Acq: 07 Dec 2022 21:45



Tgt Ion: 276 Resp: 296336
Ion Ratio Lower Upper
276 100
277 22.9 17.4 26.2
138 12.9 10.1 15.1

