

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
 Data File : BF131569.D
 Acq On : 09 Dec 2022 16:28
 Operator : CG\JU
 Sample : PB149504BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149504BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/10/2022
 Supervised By : Jagrut Upadhyay 12/12/2022

Quant Time: Dec 10 04:00:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 06:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	53643	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	195219	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	115702	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	223870	20.000	ng	0.00
76) Chrysene-d12	14.110	240	118729	20.000	ng	0.00
86) Perylene-d12	15.615	264	104614	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	474220	147.481	ng	0.02
7) Phenol-d6	6.540	99	603146	143.142	ng	0.00
23) Nitrobenzene-d5	7.481	82	431076	83.484	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	195195	151.845	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	783496	85.382	ng	0.00
79) Terphenyl-d14	13.051	244	916450	105.856	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	52937	36.474	ng	97
3) Pyridine	3.499	79	147374	36.573	ng	99
4) n-Nitrosodimethylamine	3.469	42	96160	43.270	ng	94
6) Aniline	6.575	93	212282	42.125	ng	99
8) 2-Chlorophenol	6.693	128	154517	45.346	ng	96
9) Benzaldehyde	6.457	77	76850	26.623	ng	97
10) Phenol	6.551	94	212140m	45.136	ng	
11) bis(2-Chloroethyl)ether	6.645	93	160247	45.484	ng	99
12) 1,3-Dichlorobenzene	6.851	146	172124	43.568	ng	97
13) 1,4-Dichlorobenzene	6.928	146	173697	43.588	ng	100
14) 1,2-Dichlorobenzene	7.081	146	166298	43.686	ng	96
15) Benzyl Alcohol	7.057	79	161102m	41.704	ng	
16) 2,2'-oxybis(1-Chloropr...	7.181	45	200864	44.136	ng	99
17) 2-Methylphenol	7.163	107	136666	44.502	ng	99
18) Hexachloroethane	7.422	117	72421	45.052	ng	92
19) n-Nitroso-di-n-propyla...	7.328	70	141967	44.933	ng	99
20) 3+4-Methylphenols	7.316	107	185876	44.437	ng	94
22) Acetophenone	7.322	105	269353	44.029	ng	99
24) Nitrobenzene	7.498	77	215295	41.340	ng	98
25) Isophorone	7.739	82	381014	45.810	ng	99
26) 2-Nitrophenol	7.816	139	81920	46.126	ng	96
27) 2,4-Dimethylphenol	7.851	122	137639m	50.563	ng	
28) bis(2-Chloroethoxy)met...	7.945	93	204694	47.574	ng	99
29) 2,4-Dichlorophenol	8.057	162	143422	42.611	ng	98
30) 1,2,4-Trichlorobenzene	8.139	180	170505	41.307	ng	98
31) Naphthalene	8.222	128	450146	40.940	ng	99
32) Benzoic acid	7.975	122	87085	44.173	ng	97
33) 4-Chloroaniline	8.269	127	121376	29.450	ng	97
34) Hexachlorobutadiene	8.334	225	120318	41.359	ng	98
35) Caprolactam	8.639	113	40822m	46.885	ng	
36) 4-Chloro-3-methylphenol	8.757	107	168161	44.492	ng	99
37) 2-Methylnaphthalene	8.916	142	312167	41.514	ng	99
38) 1-Methylnaphthalene	9.016	142	291111	40.328	ng	99
40) 1,2,4,5-Tetrachloroben...	9.081	216	188108	43.919	ng	98
41) Hexachlorocyclopentadiene	9.069	237	263019	120.986	ng	97
43) 2,4,6-Trichlorophenol	9.192	196	108539	40.971	ng	98

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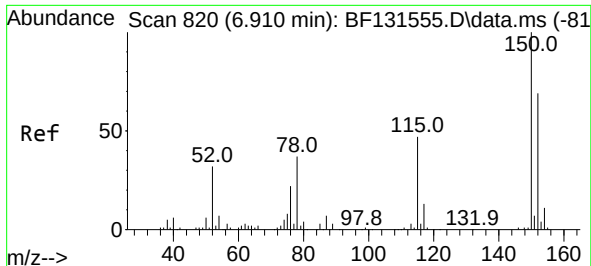
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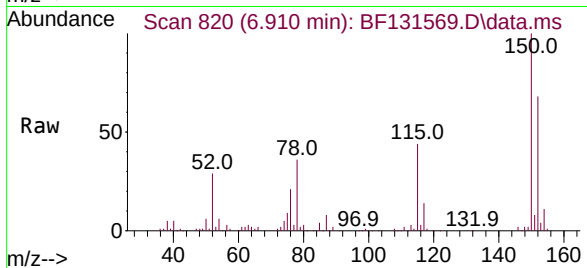
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.234	196	128654	45.157	ng	96
46) 1,1'-Biphenyl	9.386	154	403255	44.081	ng	97
47) 2-Chloronaphthalene	9.410	162	318740	42.765	ng	97
48) 2-Nitroaniline	9.504	65	116756	44.222	ng	99
49) Acenaphthylene	9.828	152	480184	43.878	ng	99
50) Dimethylphthalate	9.686	163	390273	44.248	ng	98
51) 2,6-Dinitrotoluene	9.751	165	83014	45.590	ng	86
52) Acenaphthene	9.998	154	364623m	49.735	ng	
53) 3-Nitroaniline	9.922	138	55775	31.925	ng	100
54) 2,4-Dinitrophenol	10.028	184	103003	97.853	ng	93
55) Dibenzofuran	10.175	168	455005	43.925	ng	98
56) 4-Nitrophenol	10.081	139	112282	92.514	ng	92
57) 2,4-Dinitrotoluene	10.157	165	111985	46.362	ng	# 96
58) Fluorene	10.516	166	367780	43.673	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	104622m	43.365	ng	
60) Diethylphthalate	10.386	149	381799	45.108	ng	99
61) 4-Chlorophenyl-phenyle...	10.510	204	208486	44.800	ng	94
62) 4-Nitroaniline	10.539	138	73487	42.447	ng	94
63) Azobenzene	10.669	77	423132	43.830	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	63117	44.513	ng	96
66) n-Nitrosodiphenylamine	10.628	169	311995	43.108	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	124324	43.169	ng	94
68) Hexachlorobenzene	11.063	284	136623	43.858	ng	97
69) Atrazine	11.157	200	119800	52.125	ng	97
70) Pentachlorophenol	11.257	266	146639	91.439	ng	99
71) Phenanthrene	11.486	178	531407	42.586	ng	98
72) Anthracene	11.539	178	537743	44.294	ng	99
73) Carbazole	11.692	167	438304	44.231	ng	100
74) Di-n-butylphthalate	12.016	149	557837	45.886	ng	100
75) Fluoranthene	12.674	202	563104	43.824	ng	99
77) Benzidine	12.798	184	217149	68.260	ng	100
78) Pyrene	12.910	202	555875	47.481	ng	100
80) Butylbenzylphthalate	13.521	149	172888	51.029	ng	98
81) Benzo(a)anthracene	14.098	228	391387	45.647	ng	98
82) 3,3'-Dichlorobenzidine	14.063	252	91999	37.713	ng	# 95
83) Chrysene	14.133	228	365340	44.819	ng	98
84) Bis(2-ethylhexyl)phtha...	14.080	149	202556	44.145	ng	99
85) Di-n-octyl phthalate	14.698	149	300441	40.625	ng	100
87) Indeno(1,2,3-cd)pyrene	17.162	276	380985	44.624	ng	99
88) Benzo(b)fluoranthene	15.174	252	316614m	45.920	ng	
89) Benzo(k)fluoranthene	15.204	252	305838	42.497	ng	100
90) Benzo(a)pyrene	15.551	252	276729	47.029	ng	99
91) Dibenzo(a,h)anthracene	17.180	278	324900	46.238	ng	99
92) Benzo(g,h,i)perylene	17.633	276	321513	45.528	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

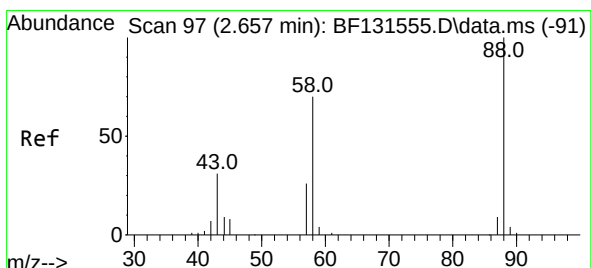
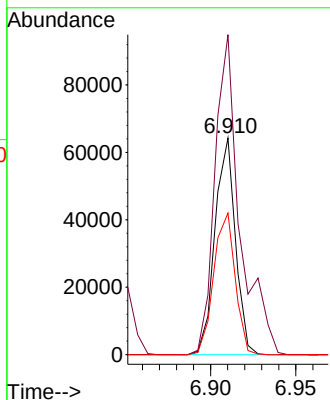
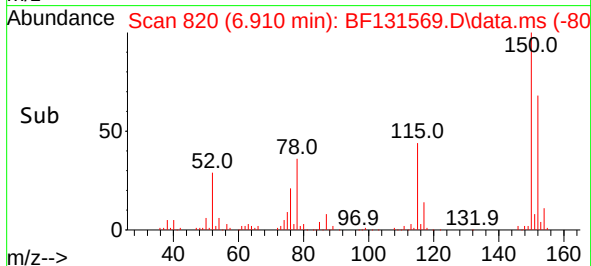
Instrument :
BNA_F
ClientSampleId :
PB149504BSD



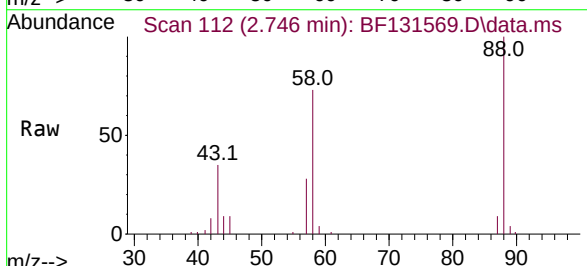
Tgt Ion:152 Resp: 53643
Ion Ratio Lower Upper
152 100
150 147.8 116.7 175.1
115 65.4 54.6 82.0

Manual Integrations
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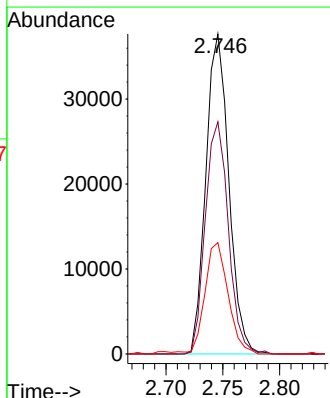
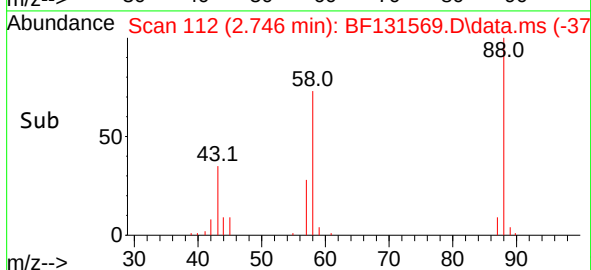
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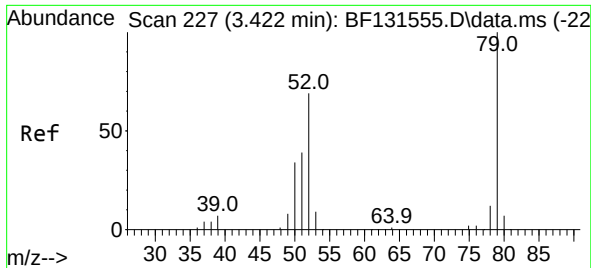


#2
1,4-Dioxane
Concen: 36.474 ng
RT: 2.746 min Scan# 112
Delta R.T. 0.088 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28



Tgt Ion: 88 Resp: 52937
Ion Ratio Lower Upper
88 100
58 72.7 60.0 90.0
43 35.0 26.7 40.1





#3

Pyridine

Concen: 36.573 ng

RT: 3.499 min Scan# 24

Delta R.T. 0.077 min

Lab File: BF131569.D

Acq: 09 Dec 2022 16:28

Instrument :

BNA_F

ClientSampleId :

PB149504BSD

Tgt Ion: 79 Resp: 147374

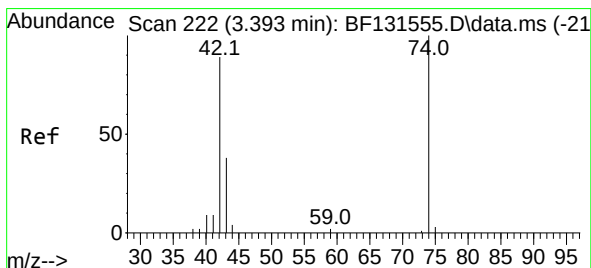
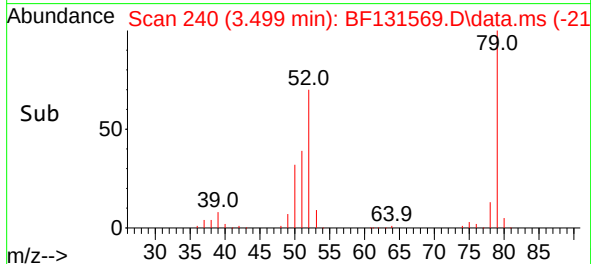
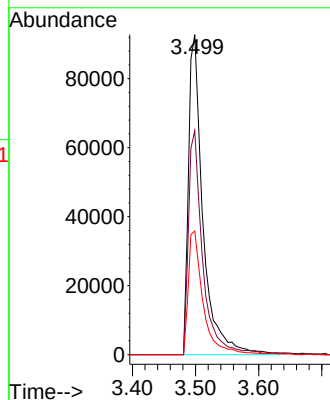
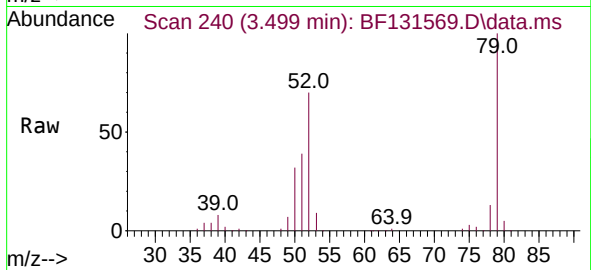
Ion	Ratio	Lower	Upper
79	100		
52	70.0	55.0	82.6
51	38.6	31.4	47.2

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#4

n-Nitrosodimethylamine

Concen: 43.270 ng

RT: 3.469 min Scan# 235

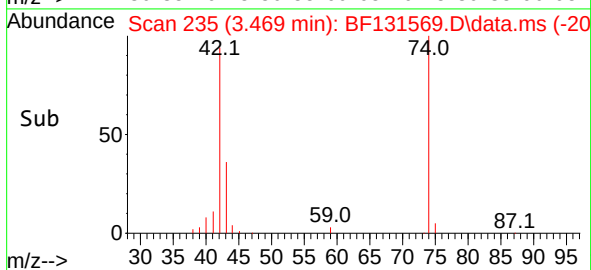
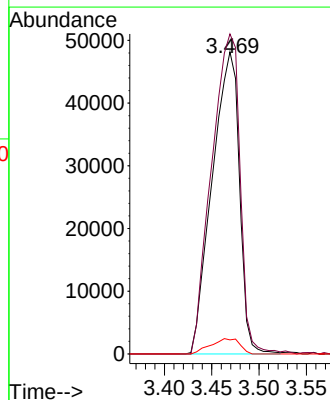
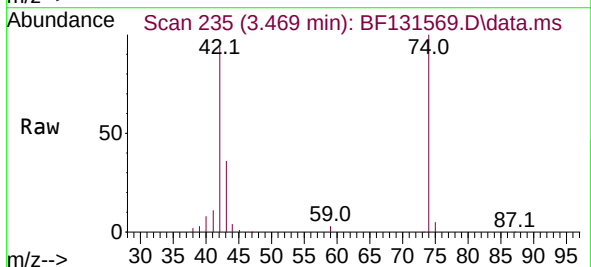
Delta R.T. 0.077 min

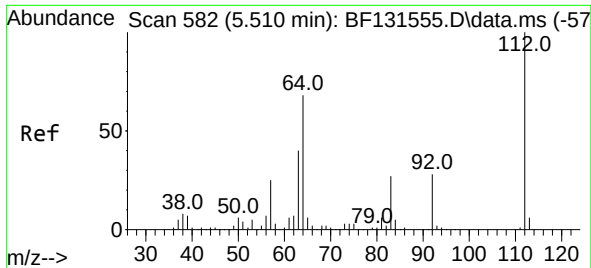
Lab File: BF131569.D

Acq: 09 Dec 2022 16:28

Tgt Ion: 42 Resp: 96160

Ion	Ratio	Lower	Upper
42	100		
74	106.0	90.2	135.2
44	4.6	3.7	5.5





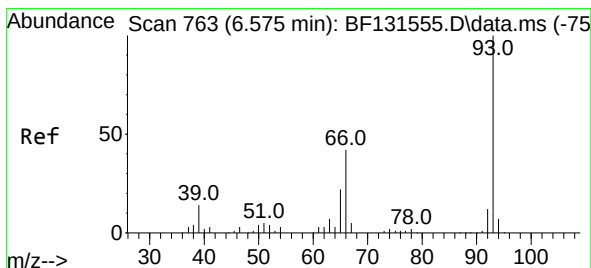
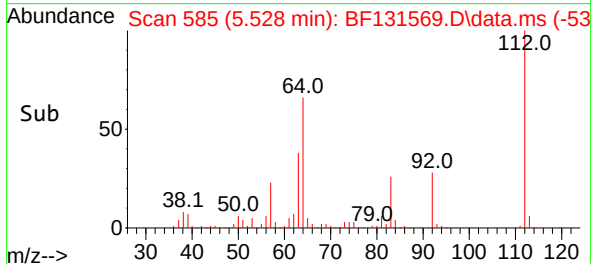
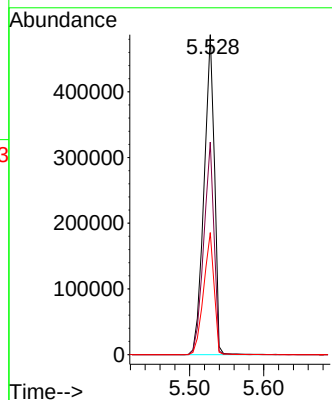
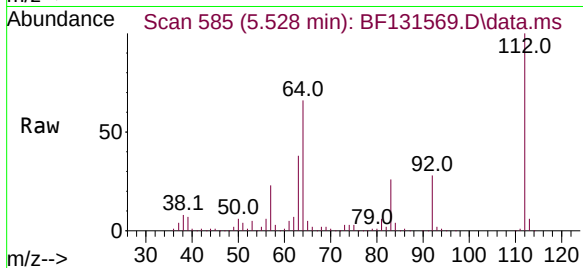
#5
2-Fluorophenol
Concen: 147.481 ng
RT: 5.528 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

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BNA_F
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Tgt Ion:112 Resp: 474220
Ion Ratio Lower Upper
112 100
64 66.4 54.5 81.7
63 38.1 31.9 47.9

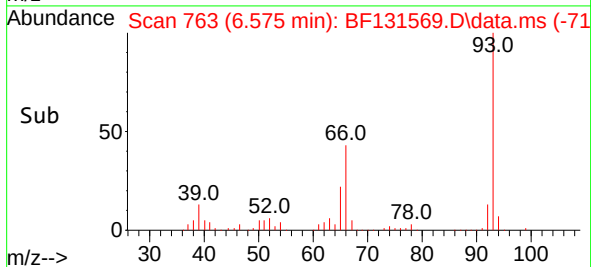
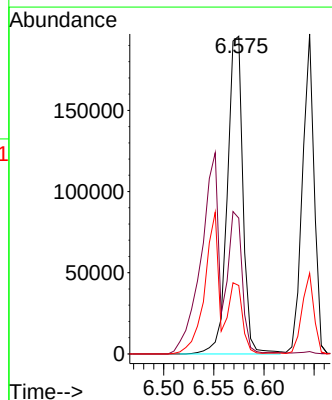
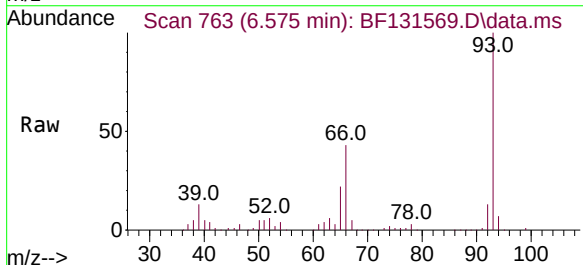
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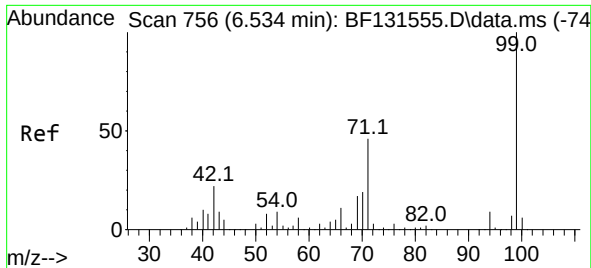
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#6
Aniline
Concen: 42.125 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

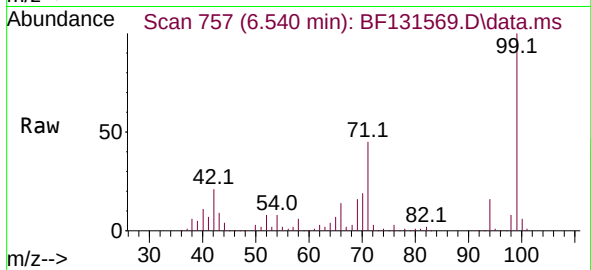
Tgt Ion: 93 Resp: 212282
Ion Ratio Lower Upper
93 100
66 42.7 34.6 51.8
65 21.6 17.7 26.5





#7
Phenol-d6
Concen: 143.142 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

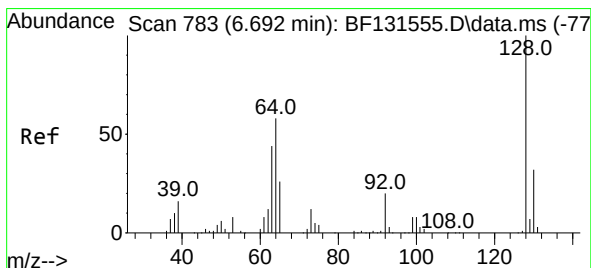
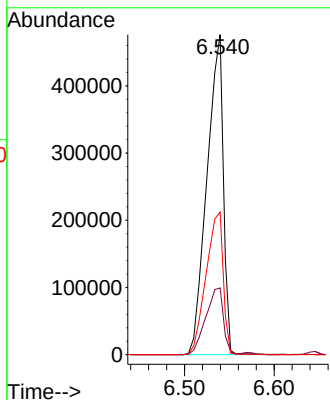
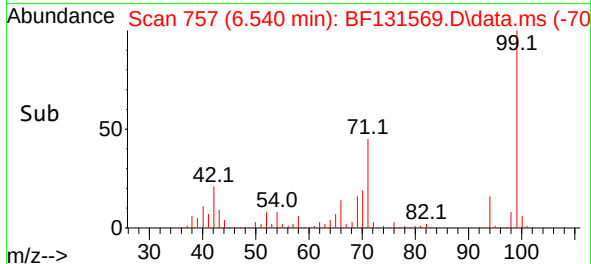
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 603146
Ion Ratio Lower Upper
99 100
42 20.8 17.9 26.9
71 44.5 37.2 55.8

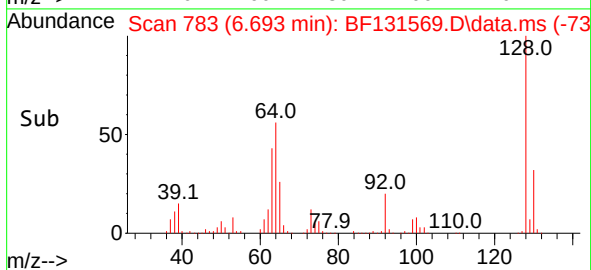
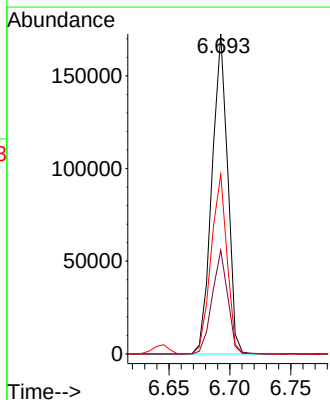
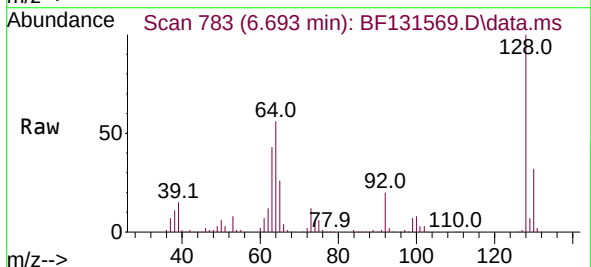
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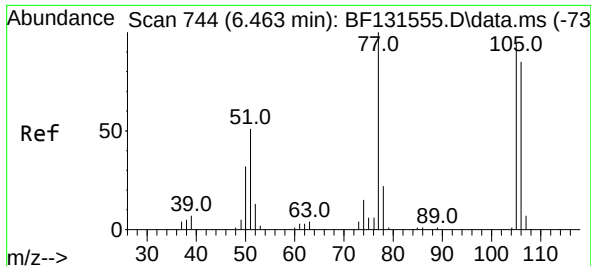
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#8
2-Chlorophenol
Concen: 45.346 ng
RT: 6.693 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

Tgt Ion:128 Resp: 154517
Ion Ratio Lower Upper
128 100
130 32.4 11.6 51.6
64 56.1 40.6 80.6





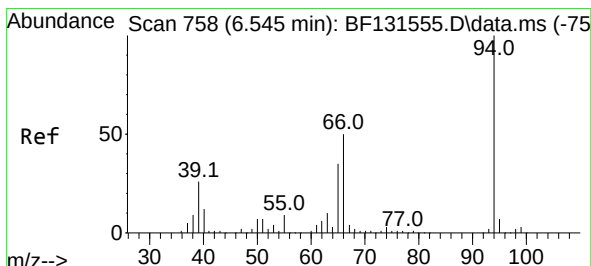
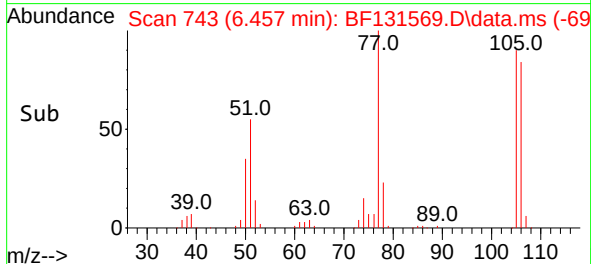
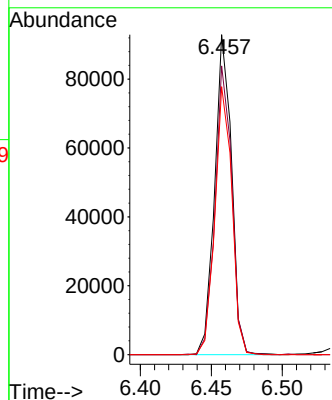
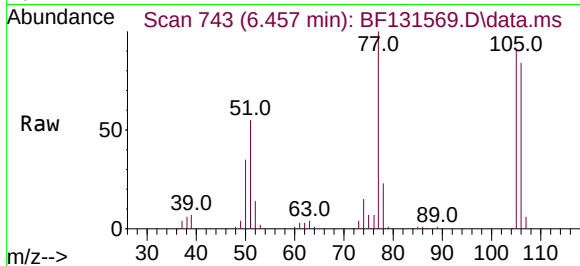
#9
Benzaldehyde
Concen: 26.623 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

Instrument :
BNA_F
ClientSampleId :
PB149504BSD

Tgt Ion: 77 Resp: 76850
Ion Ratio Lower Upper
77 100
105 90.2 73.8 113.8
106 83.7 65.2 105.2

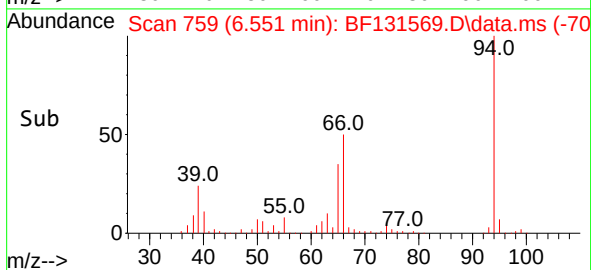
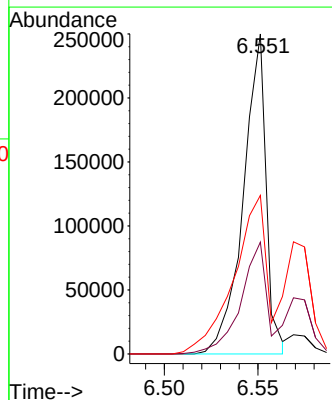
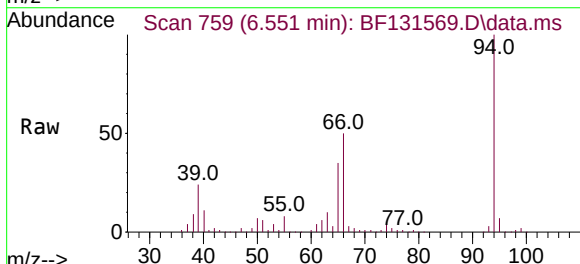
Manual Integrations
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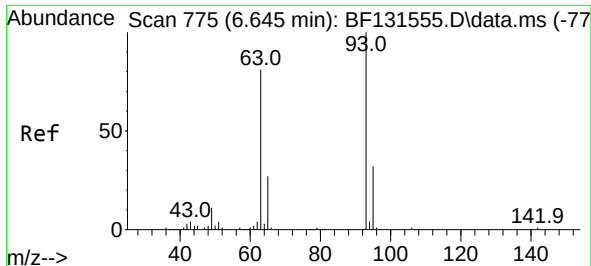
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#10
Phenol
Concen: 45.136 ng m
RT: 6.551 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

Tgt Ion: 94 Resp: 212140
Ion Ratio Lower Upper
94 100
65 34.9 14.8 54.8
66 49.6 30.8 70.8





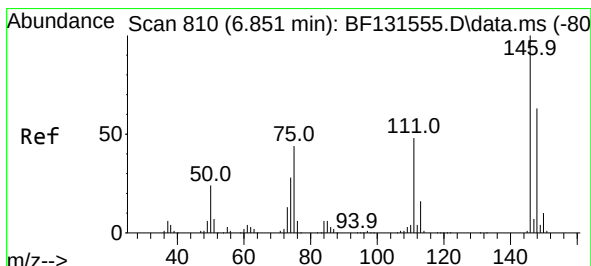
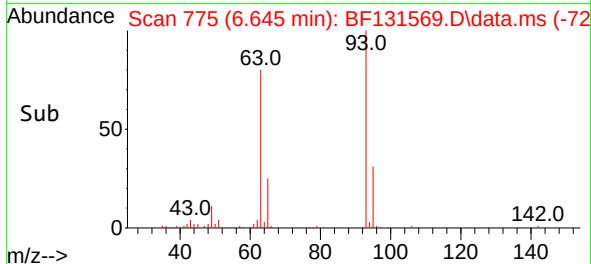
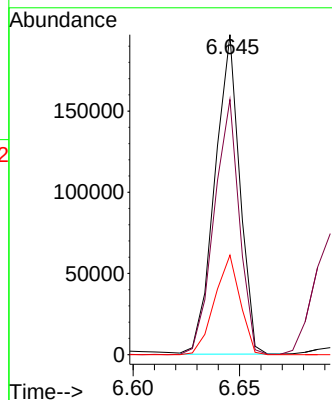
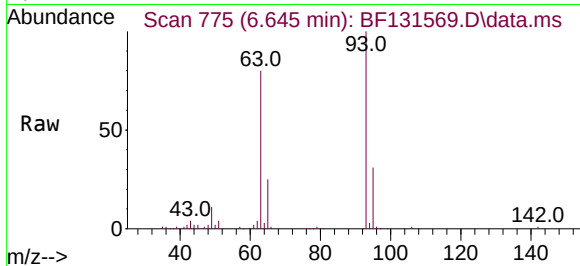
#11
bis(2-Chloroethyl)ether
Concen: 45.484 ng
RT: 6.645 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

Instrument :
BNA_F
ClientSampleId :
PB149504BSD

Tgt Ion: 93 Resp: 16024
Ion Ratio Lower Upper
93 100
63 79.7 60.4 100.4
95 31.1 12.3 52.3

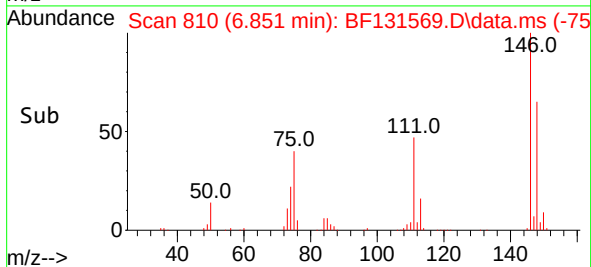
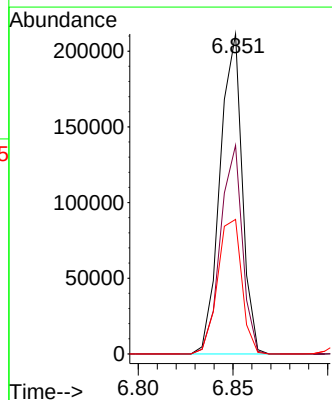
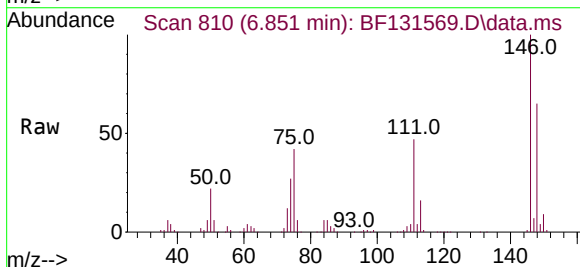
Manual Integrations
APPROVED

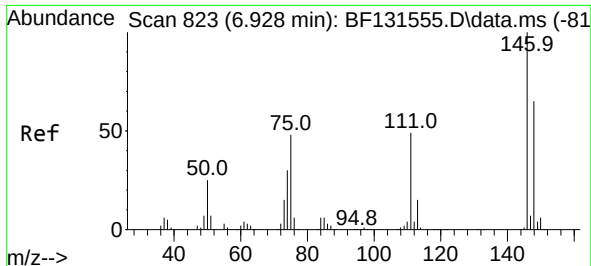
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#12
1,3-Dichlorobenzene
Concen: 43.568 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

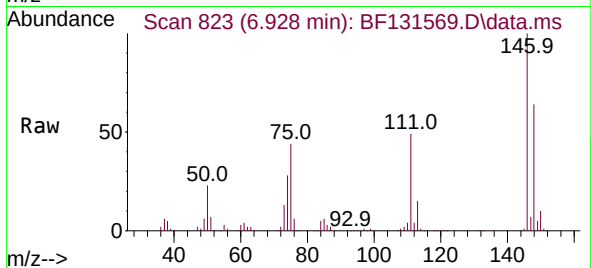
Tgt Ion:146 Resp: 172124
Ion Ratio Lower Upper
146 100
148 65.2 50.7 76.1
75 42.0 35.1 52.7





#13
1,4-Dichlorobenzene
Concen: 43.588 ng
RT: 6.928 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

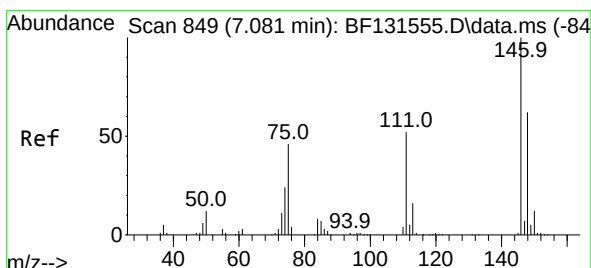
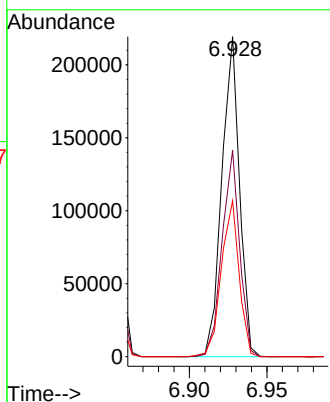
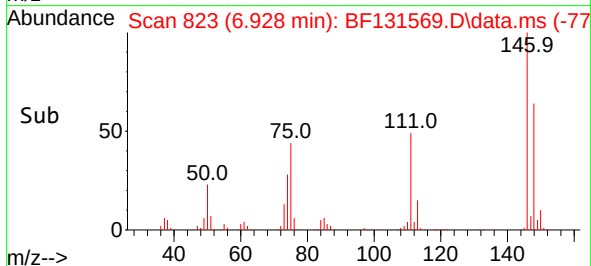
Instrument :
BNA_F
ClientSampleId :
PB149504BSD



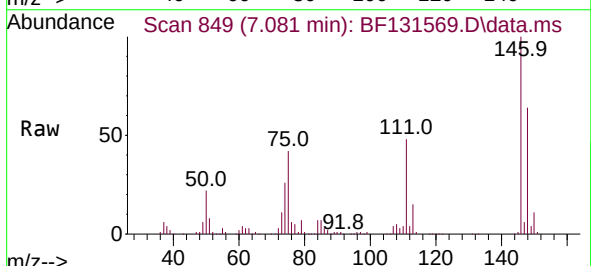
Tgt Ion:146 Resp: 173697
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.6
111 48.7 38.9 58.3

Manual Integrations
APPROVED

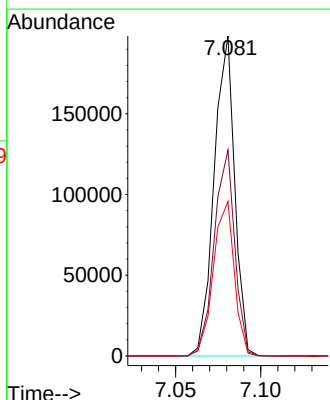
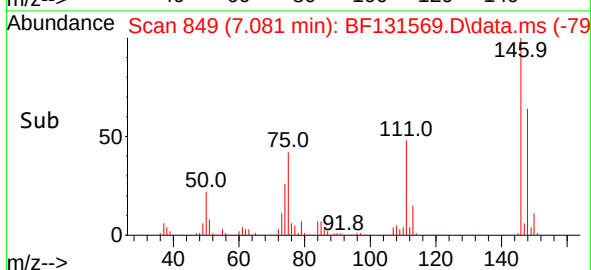
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

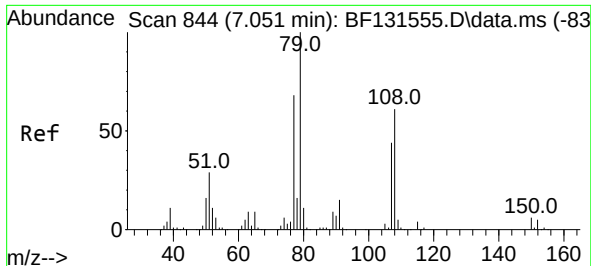


#14
1,2-Dichlorobenzene
Concen: 43.686 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28



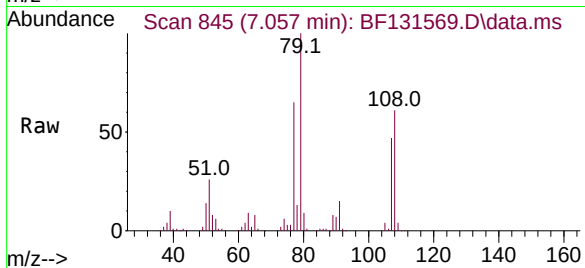
Tgt Ion:146 Resp: 166298
Ion Ratio Lower Upper
146 100
148 64.4 49.9 74.9
111 48.3 41.8 62.6





#15
Benzyl Alcohol
Concen: 41.704 ng m
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

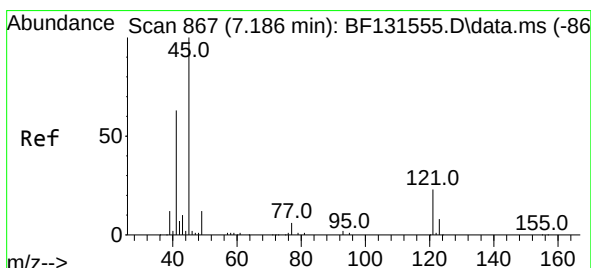
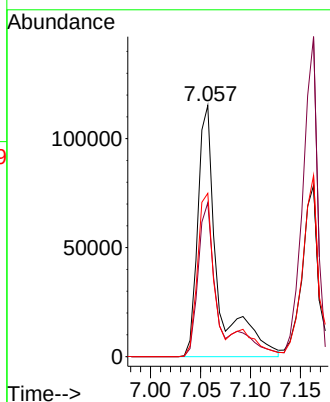
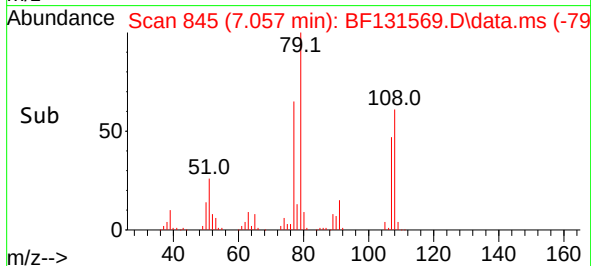
Instrument :
BNA_F
ClientSampleId :
PB149504BSD



Tgt Ion: 79 Resp: 161102
Ion Ratio Lower Upper
79 100
108 61.3 49.2 73.8
77 65.0 54.5 81.7

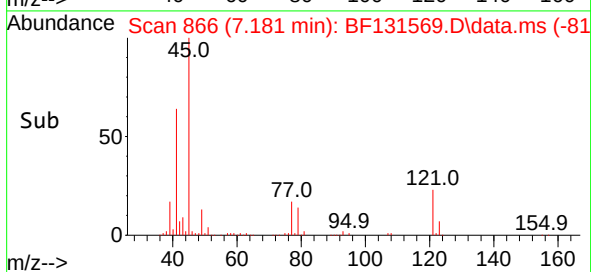
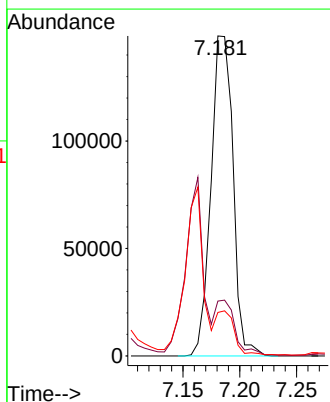
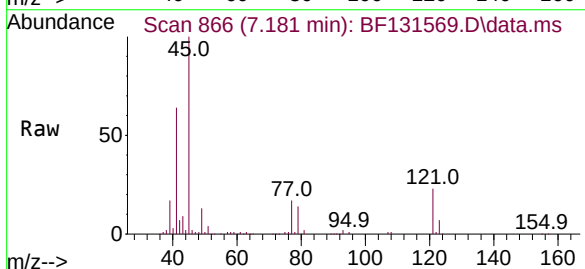
Manual Integrations
APPROVED

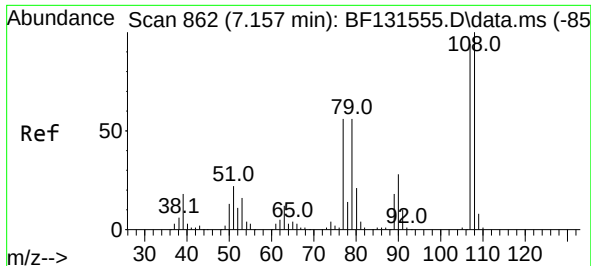
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.136 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

Tgt Ion: 45 Resp: 200864
Ion Ratio Lower Upper
45 100
77 17.1 0.0 37.7
79 13.6 0.0 33.6





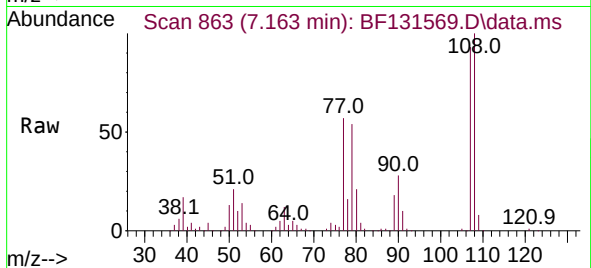
#17
2-Methylphenol
Concen: 44.502 ng
RT: 7.163 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

Instrument :

BNA_F

ClientSampleId :

PB149504BSD

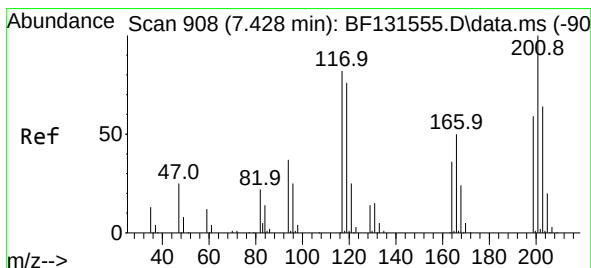
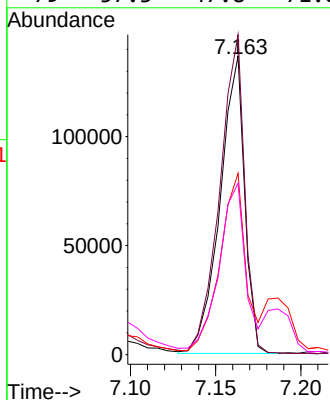
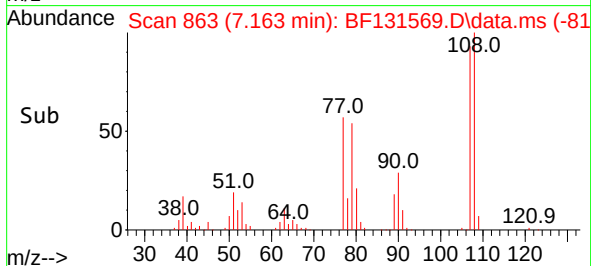


Tgt Ion:107 Resp: 136666
Ion Ratio Lower Upper
107 100
108 107.1 85.5 128.3
77 60.6 48.2 72.4
79 57.3 47.8 71.8

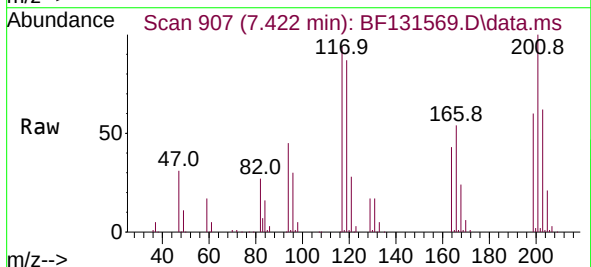
Manual Integrations

APPROVED

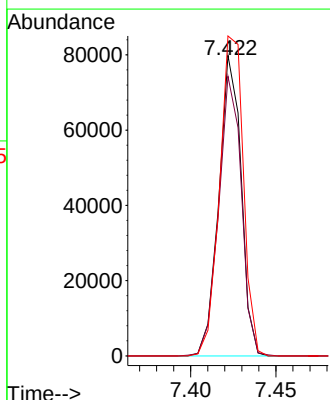
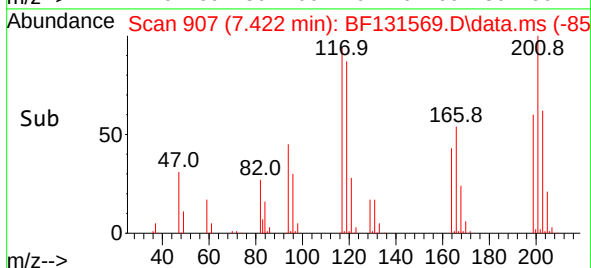
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

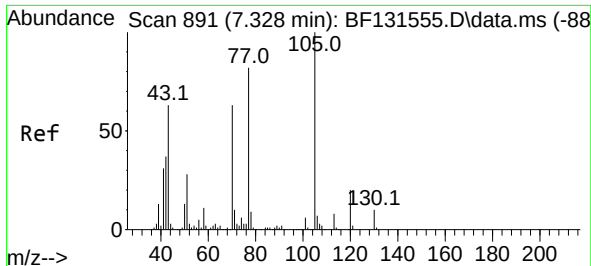


#18
Hexachloroethane
Concen: 45.052 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28



Tgt Ion:117 Resp: 72421
Ion Ratio Lower Upper
117 100
119 93.1 75.0 112.4
201 106.5 98.0 147.0





#19

n-Nitroso-di-n-propylamine

Concen: 44.933 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF131569.D

Acq: 09 Dec 2022 16:28

Instrument :

BNA_F

ClientSampleId :

PB149504BSD

Tgt Ion: 70 Resp: 141962

Ion Ratio Lower Upper

70 100

42 58.7 46.4 69.6

101 9.4 7.2 10.8

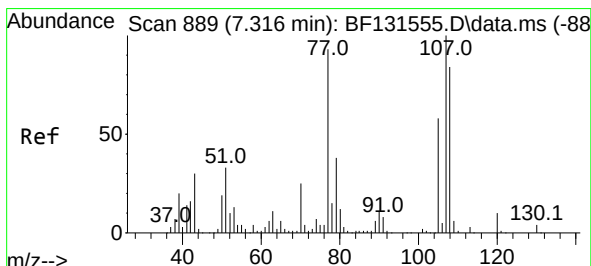
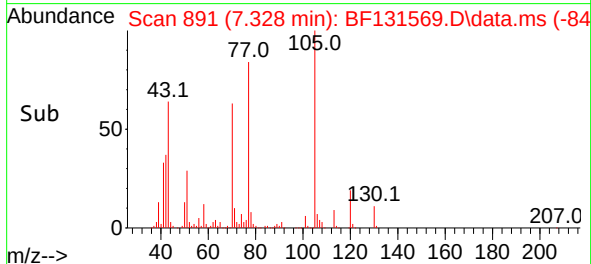
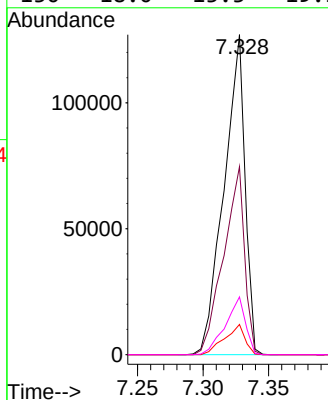
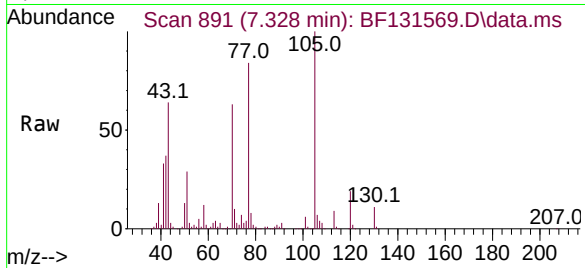
130 18.0 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/10/2022

Supervised By :Jagrut Upadhyay 12/12/2022



#20

3+4-Methylphenols

Concen: 44.437 ng

RT: 7.316 min Scan# 889

Delta R.T. 0.000 min

Lab File: BF131569.D

Acq: 09 Dec 2022 16:28

Tgt Ion:107 Resp: 185876

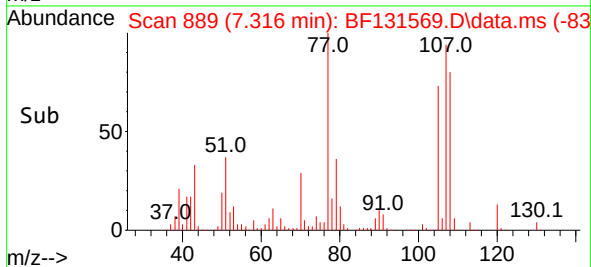
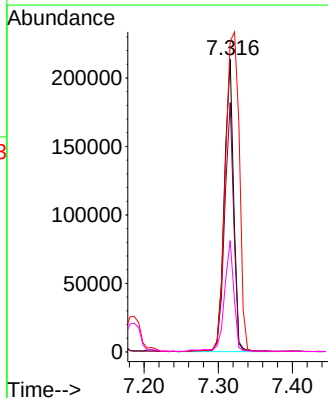
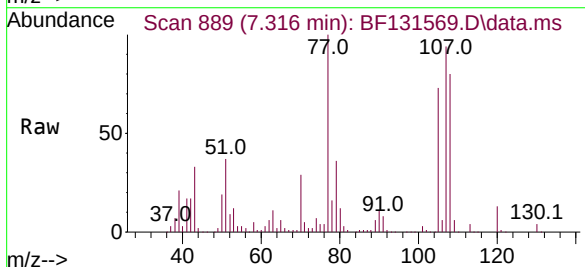
Ion Ratio Lower Upper

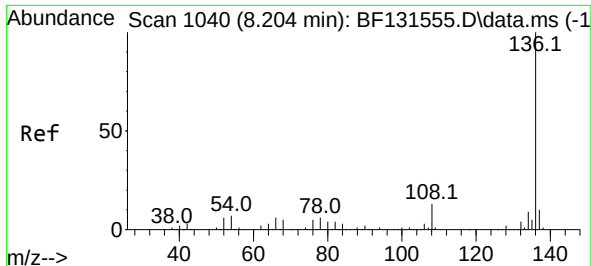
107 100

108 85.3 64.0 104.0

77 106.2 73.1 113.1

79 38.0 18.2 58.2





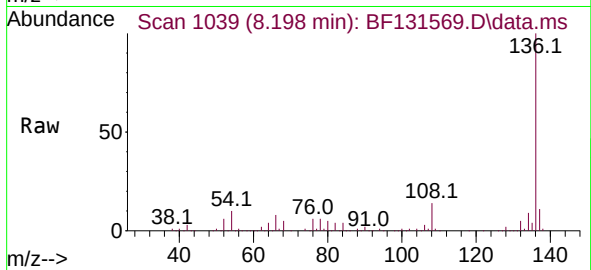
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

Instrument :

BNA_F

ClientSampleId :

PB149504BSD

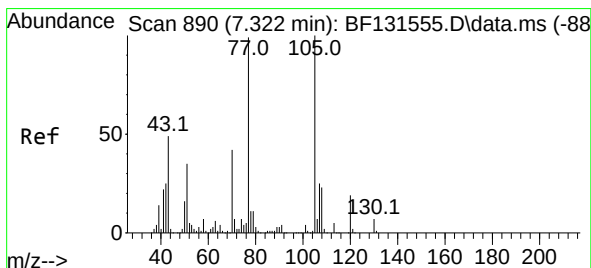
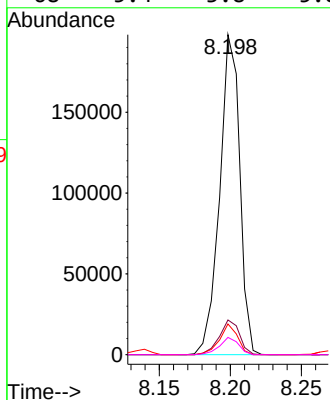
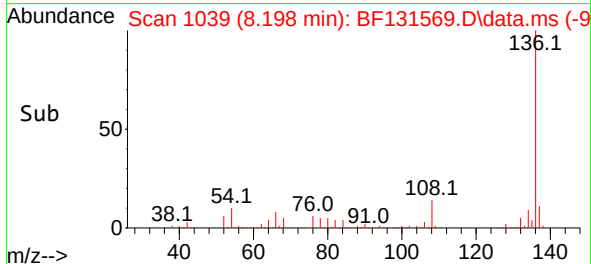


Tgt Ion:136 Resp: 195219
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 9.6 6.0 9.0
68 5.4 3.8 5.8

Manual Integrations

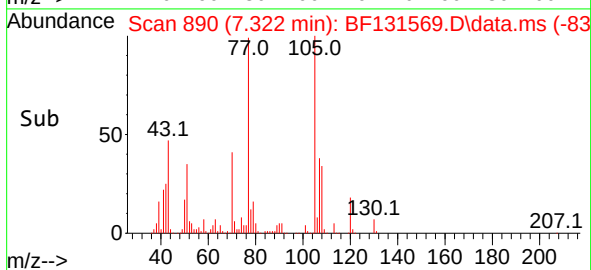
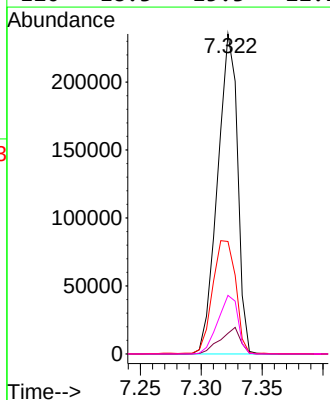
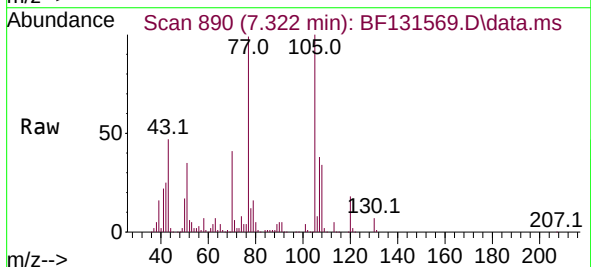
APPROVED

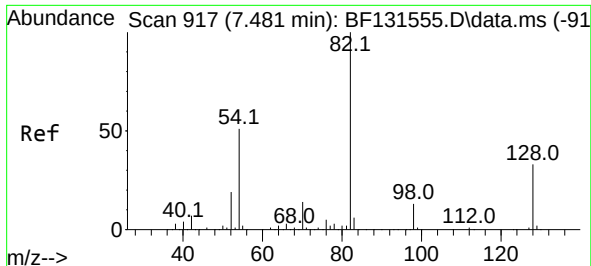
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#22
Acetophenone
Concen: 44.029 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

Tgt Ion:105 Resp: 269353
Ion Ratio Lower Upper
105 100
71 6.4 5.4 8.0
51 35.1 27.8 41.6
120 18.3 15.3 22.9





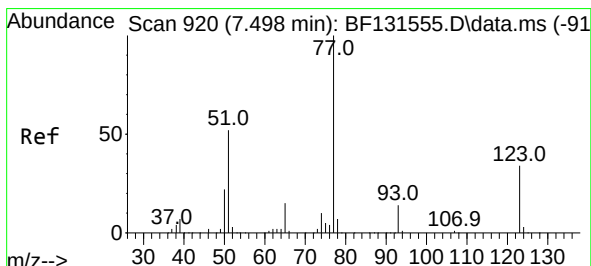
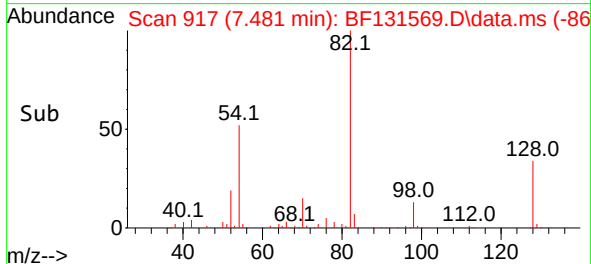
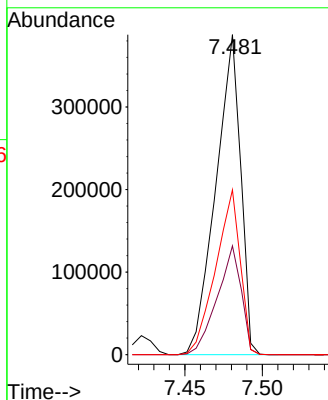
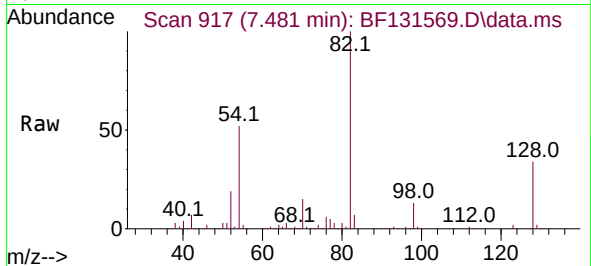
#23
Nitrobenzene-d5
Concen: 83.484 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

Instrument :
BNA_F
ClientSampleId :
PB149504BSD

Tgt Ion: 82 Resp: 431076
Ion Ratio Lower Upper
82 100
128 34.0 26.1 39.1
54 51.5 40.6 60.8

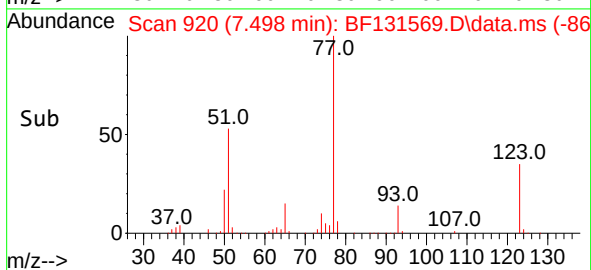
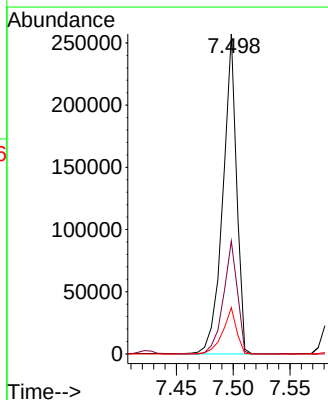
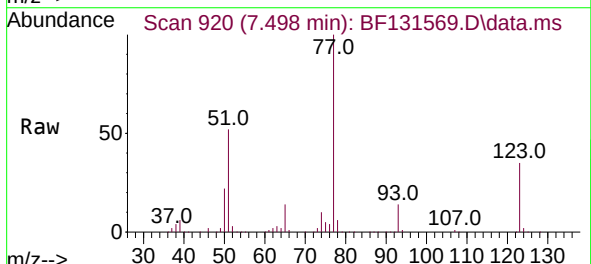
Manual Integrations
APPROVED

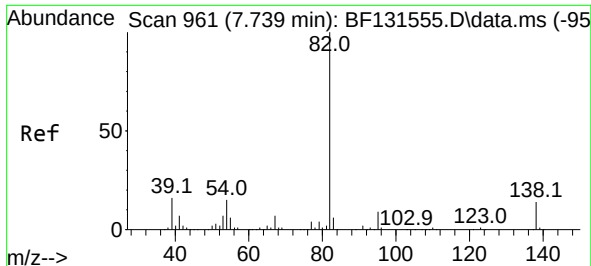
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#24
Nitrobenzene
Concen: 41.340 ng
RT: 7.498 min Scan# 920
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

Tgt Ion: 77 Resp: 215295
Ion Ratio Lower Upper
77 100
123 35.3 27.1 40.7
65 14.4 11.9 17.9





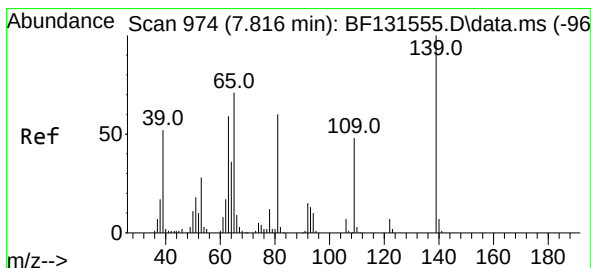
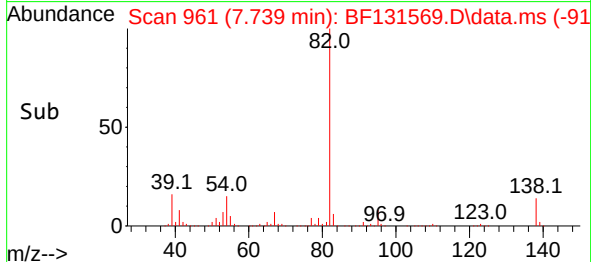
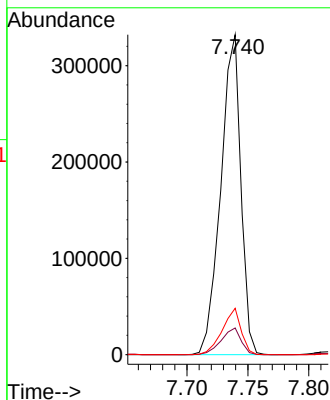
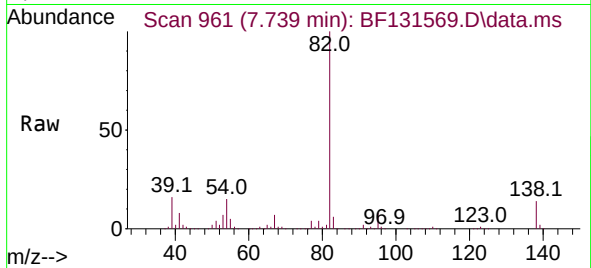
#25
Isophorone
Concen: 45.810 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

Instrument :
BNA_F
ClientSampleId :
PB149504BSD

Tgt Ion: 82 Resp: 381014
Ion Ratio Lower Upper
82 100
95 8.4 6.9 10.3
138 14.5 11.4 17.0

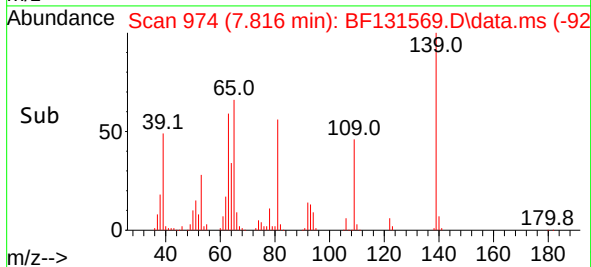
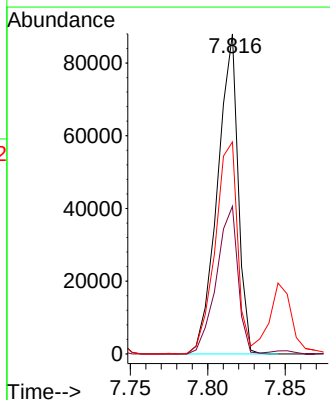
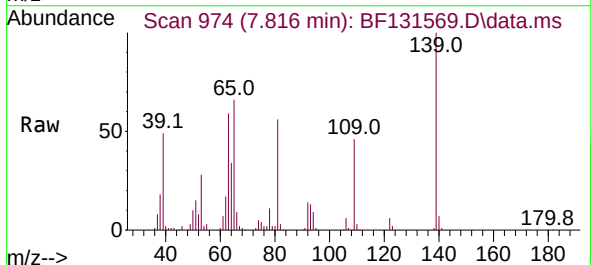
Manual Integrations
APPROVED

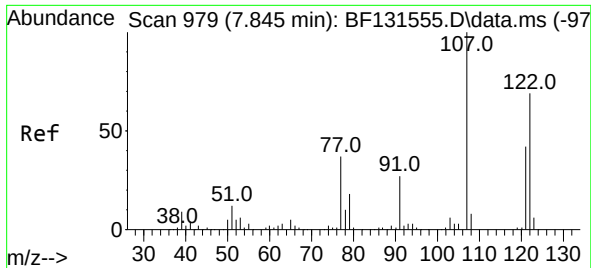
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#26
2-Nitrophenol
Concen: 46.126 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

Tgt Ion:139 Resp: 81920
Ion Ratio Lower Upper
139 100
109 46.1 38.6 58.0
65 66.3 56.5 84.7





#27

2,4-Dimethylphenol

Concen: 50.563 ng m

RT: 7.851 min Scan# 980

Delta R.T. 0.006 min

Lab File: BF131569.D

Acq: 09 Dec 2022 16:28

Instrument :

BNA_F

ClientSampleId :

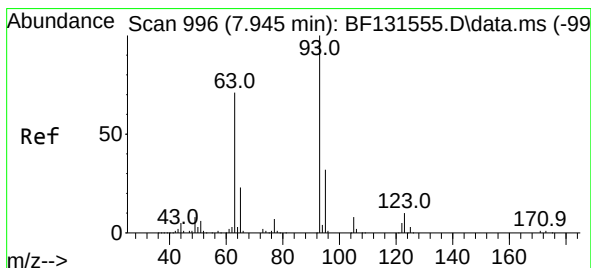
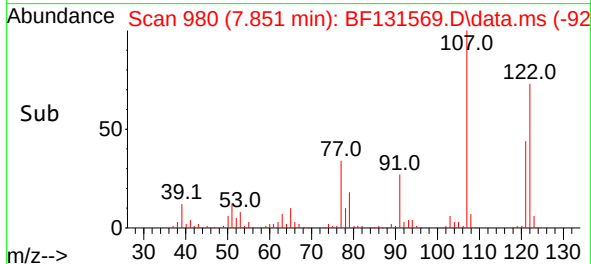
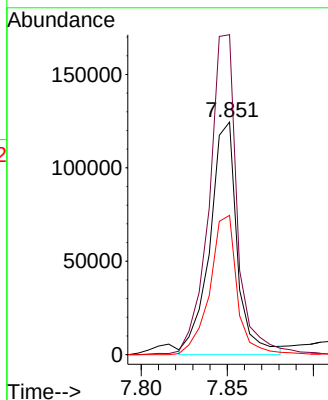
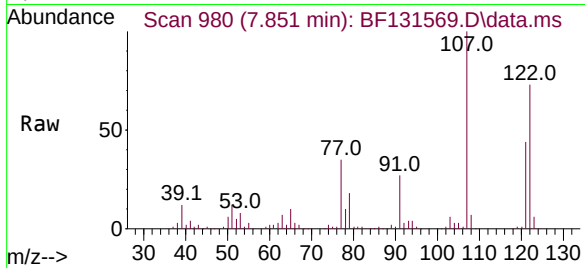
PB149504BSD

Tgt Ion:122 Resp: 137639
 Ion Ratio Lower Upper
 122 100
 107 137.6 114.2 171.2
 121 59.9 48.2 72.2

Manual Integrations

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Reviewed By :Christian Giraldo 12/10/2022
 Supervised By :Jagrut Upadhyay 12/12/2022



#28

bis(2-Chloroethoxy)methane

Concen: 47.574 ng

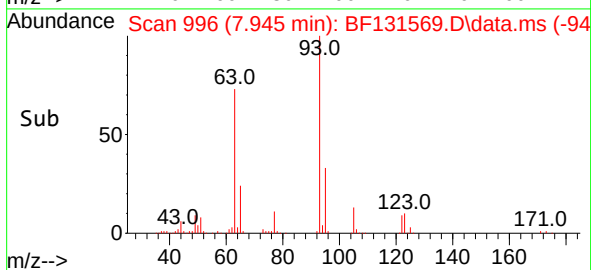
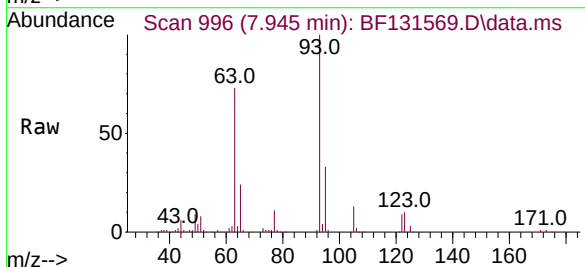
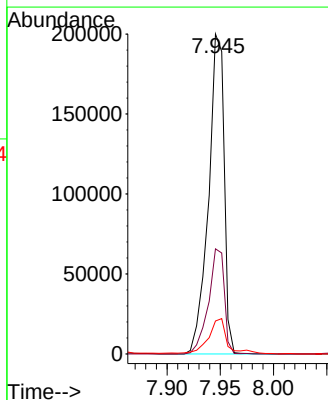
RT: 7.945 min Scan# 996

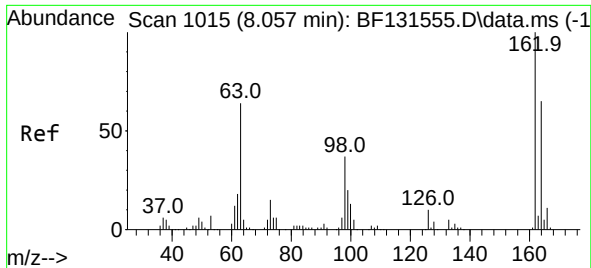
Delta R.T. 0.000 min

Lab File: BF131569.D

Acq: 09 Dec 2022 16:28

Tgt Ion: 93 Resp: 204694
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.8 38.6
 123 10.3 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 42.611 ng

RT: 8.057 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF131569.D

Acq: 09 Dec 2022 16:28

Instrument :

BNA_F

ClientSampleId :

PB149504BSD

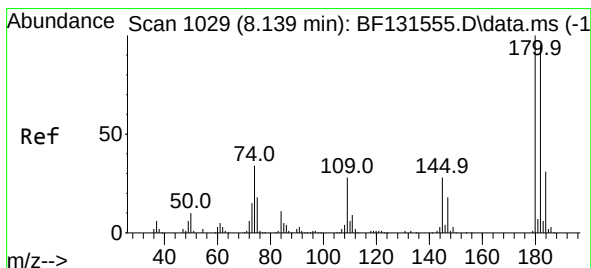
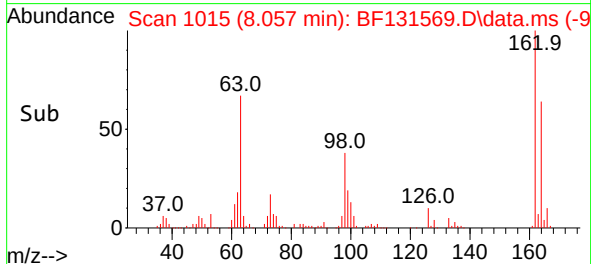
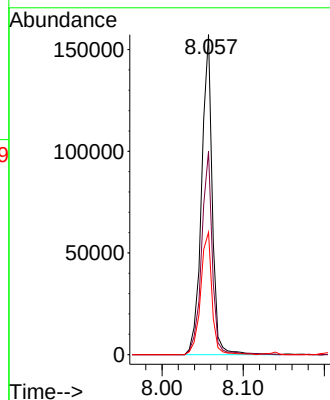
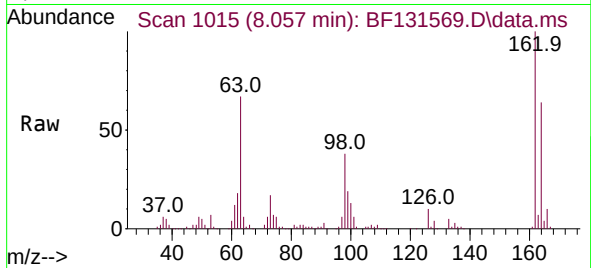
Tgt Ion:	162	Resp:	14342
Ion Ratio	Lower	Upper	
162	100		
164	63.5	45.0	85.0
98	38.2	16.6	56.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/10/2022

Supervised By :Jagrut Upadhyay 12/12/2022



#30

1,2,4-Trichlorobenzene

Concen: 41.307 ng

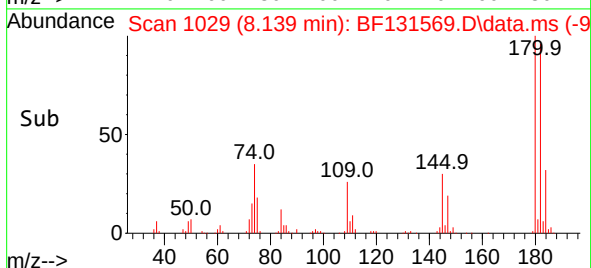
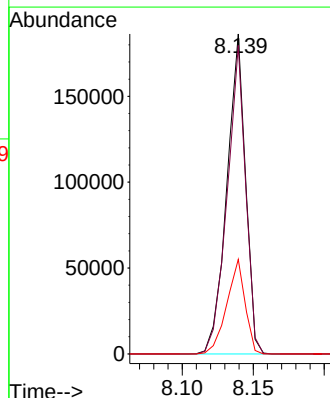
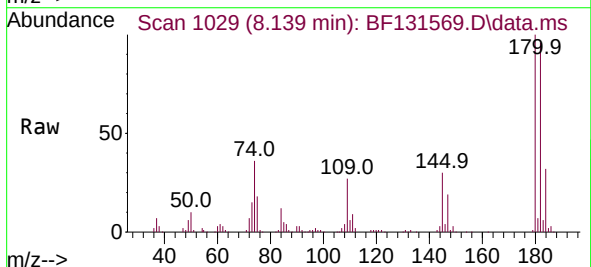
RT: 8.139 min Scan# 1029

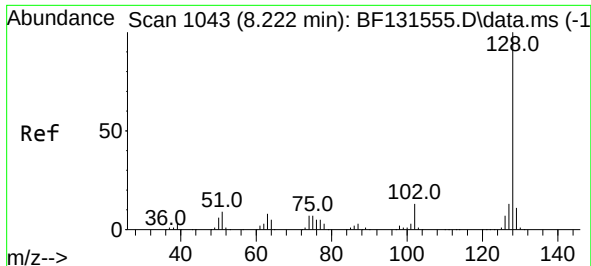
Delta R.T. 0.000 min

Lab File: BF131569.D

Acq: 09 Dec 2022 16:28

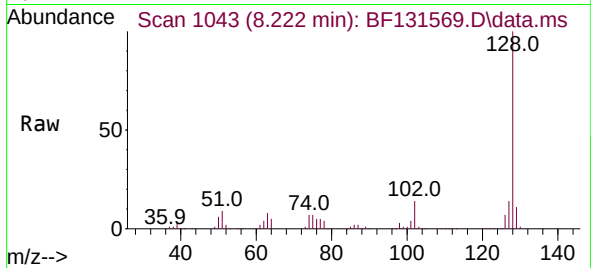
Tgt Ion:	180	Resp:	170505
Ion Ratio	Lower	Upper	
180	100		
182	96.4	75.8	113.6
145	29.5	22.4	33.6





#31
Naphthalene
Concen: 40.940 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

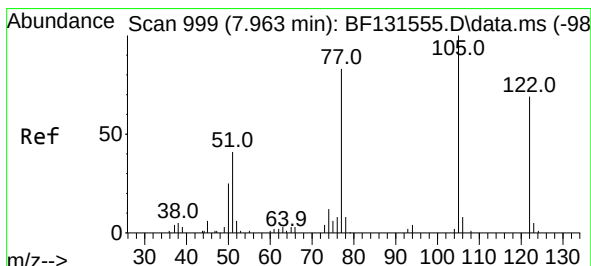
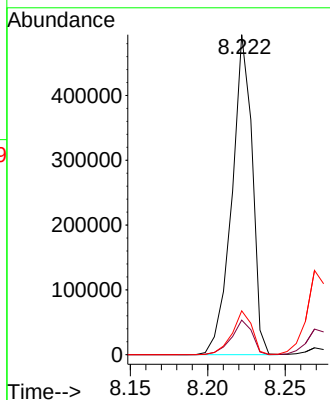
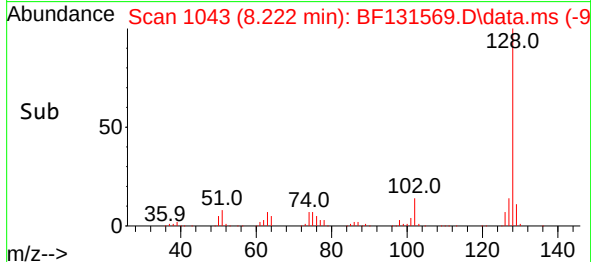
Instrument :
BNA_F
ClientSampleId :
PB149504BSD



Tgt Ion:128 Resp: 450146
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.7 10.6 15.8

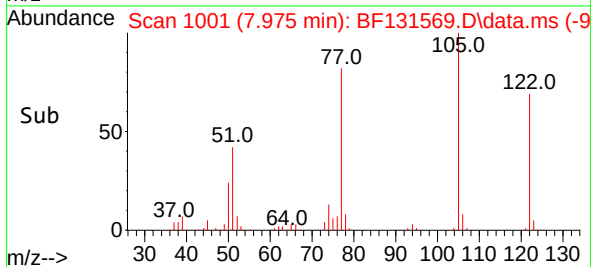
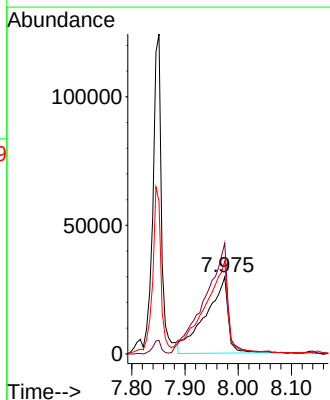
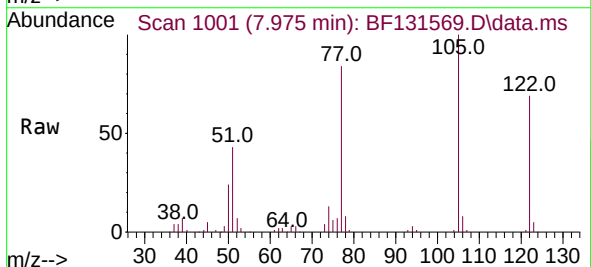
Manual Integrations
APPROVED

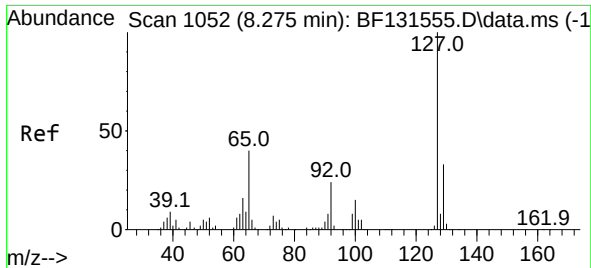
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#32
Benzoic acid
Concen: 44.173 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.012 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

Tgt Ion:122 Resp: 87085
Ion Ratio Lower Upper
122 100
105 144.0 119.8 159.8
77 121.0 97.6 137.6





#33
4-Chloroaniline
Concen: 29.450 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

Instrument :

BNA_F

ClientSampleId :

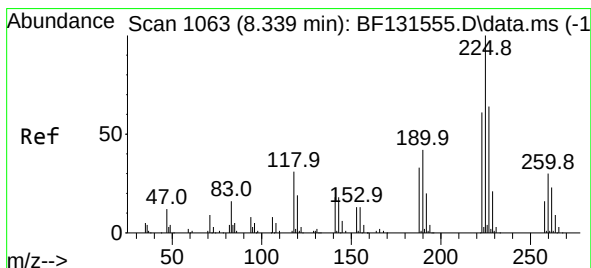
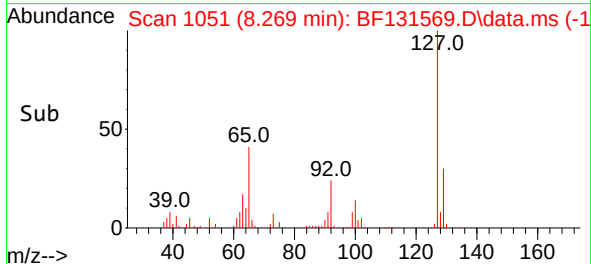
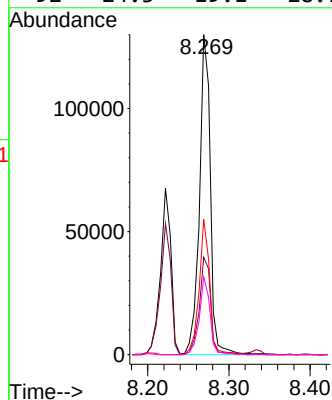
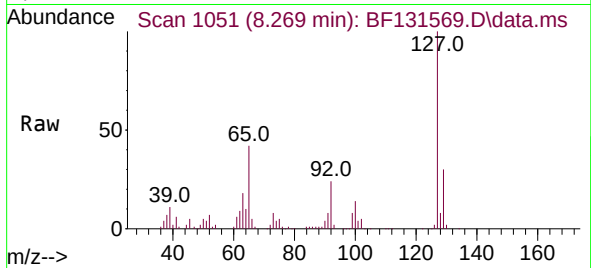
PB149504BSD

Tgt Ion:127	Resp: 121376
Ion Ratio	Lower Upper
127 100	
129 30.4	26.4 39.6
65 42.2	31.9 47.9
92 24.3	19.1 28.7

Manual Integrations

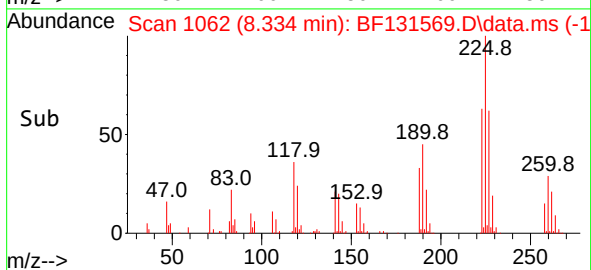
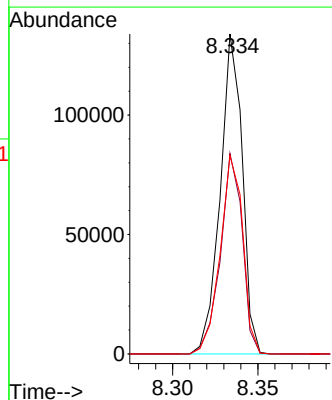
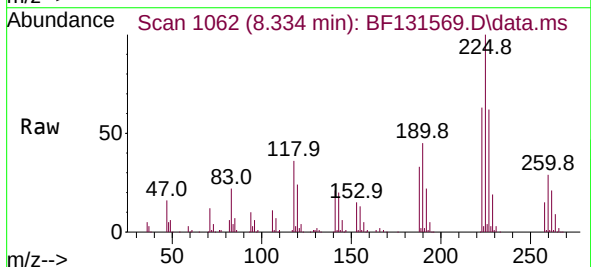
APPROVED

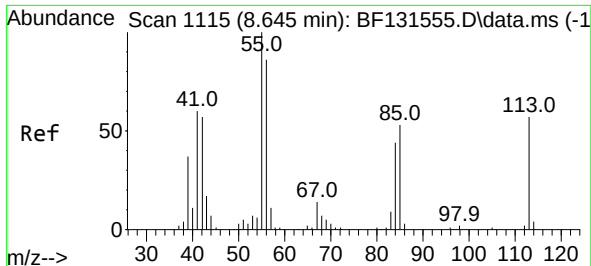
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#34
Hexachlorobutadiene
Concen: 41.359 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

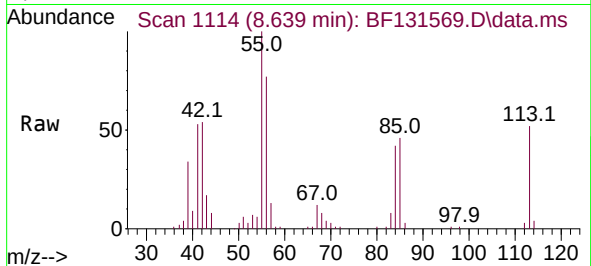
Tgt Ion:225	Resp: 120318
Ion Ratio	Lower Upper
225 100	
223 62.6	48.7 73.1
227 61.9	51.0 76.6





#35
Caprolactam
Concen: 46.885 ng m
RT: 8.639 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

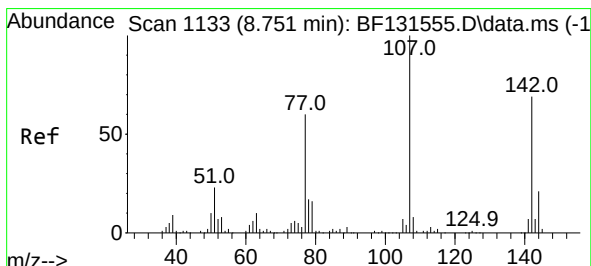
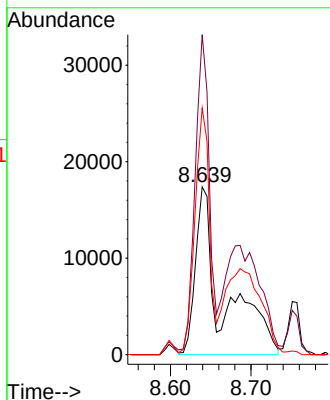
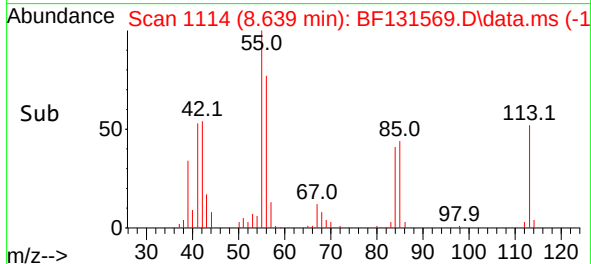
Instrument :
BNA_F
ClientSampleId :
PB149504BSD



Tgt Ion:113 Resp: 40822
Ion Ratio Lower Upper
113 100
55 190.8 155.8 195.8
56 147.1 131.7 171.7

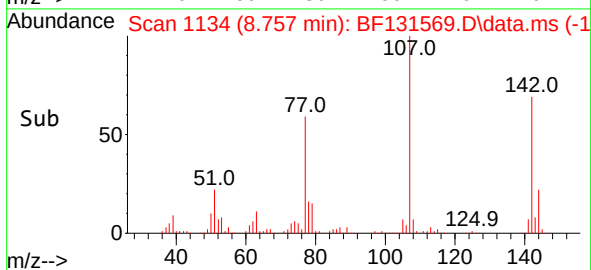
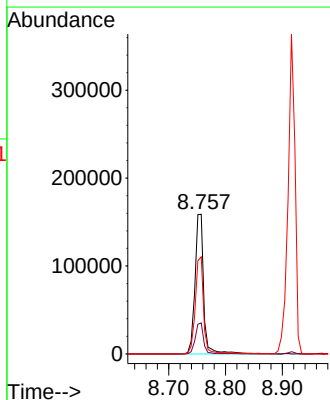
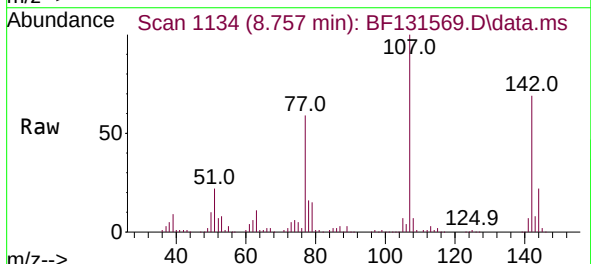
Manual Integrations
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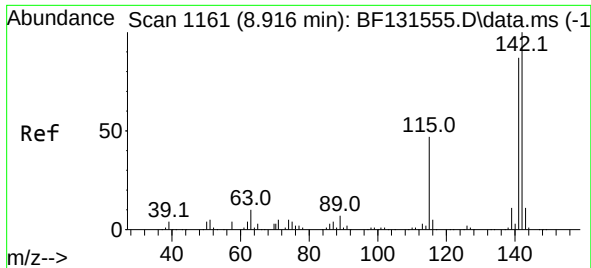
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#36
4-Chloro-3-methylphenol
Concen: 44.492 ng
RT: 8.757 min Scan# 1134
Delta R.T. 0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

Tgt Ion:107 Resp: 168161
Ion Ratio Lower Upper
107 100
144 22.1 17.0 25.4
142 69.5 54.8 82.2





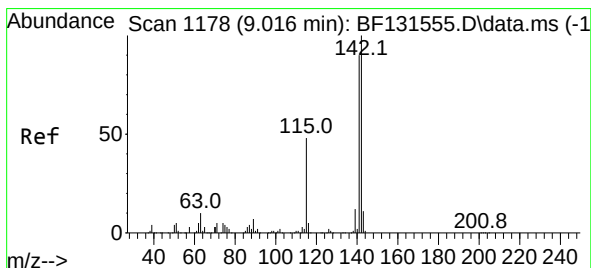
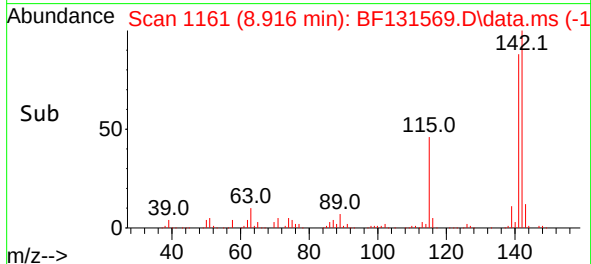
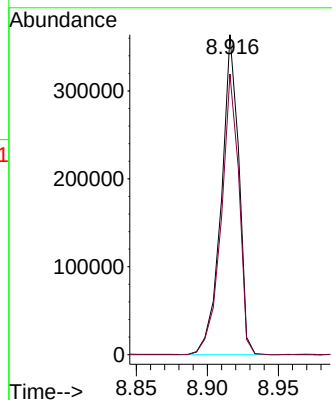
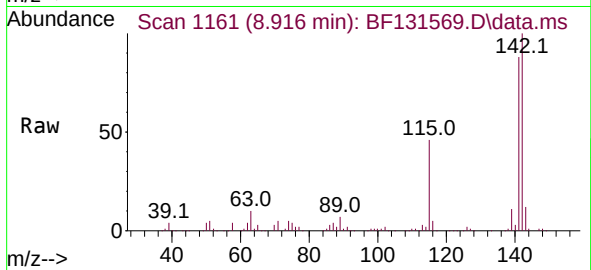
#37
2-Methylnaphthalene
Concen: 41.514 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

Instrument :
BNA_F
ClientSampleId :
PB149504BSD

Tgt Ion:142 Resp: 312162
Ion Ratio Lower Upper
142 100
141 87.7 69.7 104.5

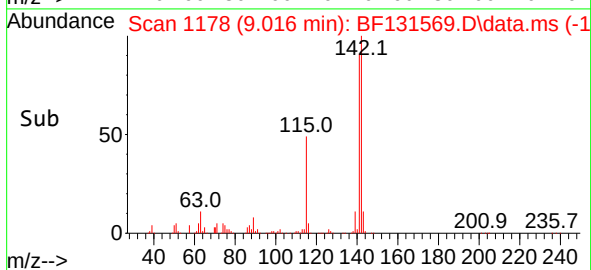
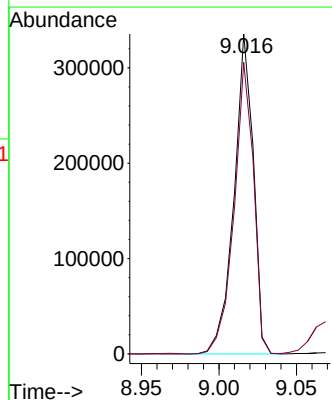
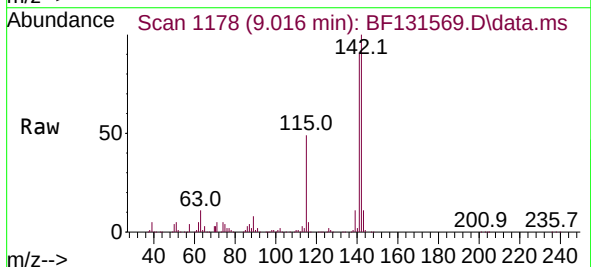
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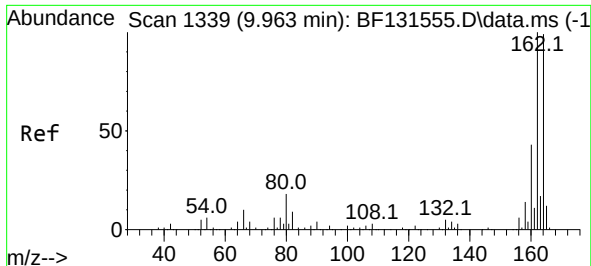
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#38
1-Methylnaphthalene
Concen: 40.328 ng
RT: 9.016 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

Tgt Ion:142 Resp: 291111
Ion Ratio Lower Upper
142 100
141 91.1 71.9 107.9





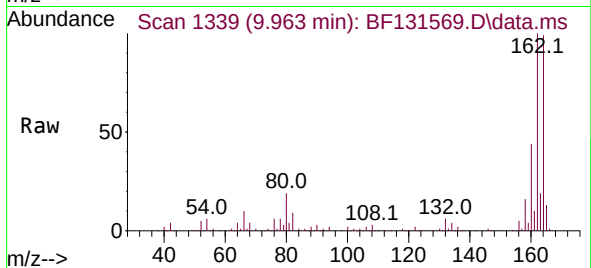
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

Instrument :

BNA_F

ClientSampleId :

PB149504BSD

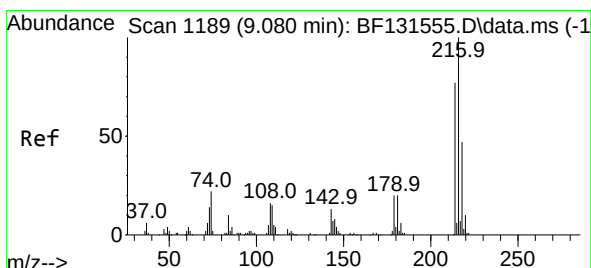
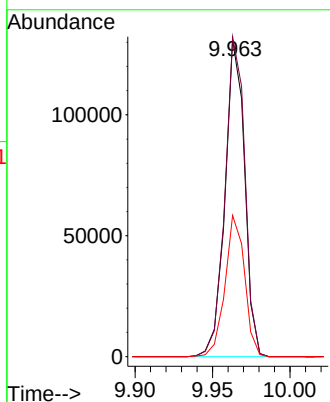
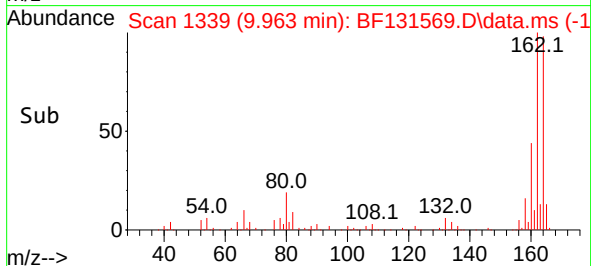


Tgt Ion:164 Resp: 115702
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.6
160 44.6 35.0 52.6

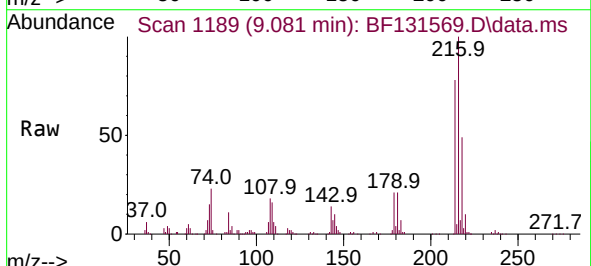
Manual Integrations

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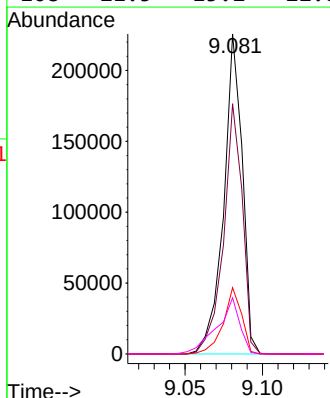
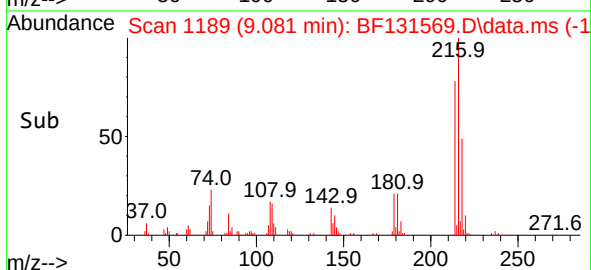
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

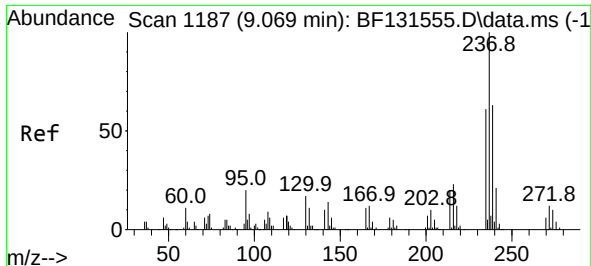


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.919 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28



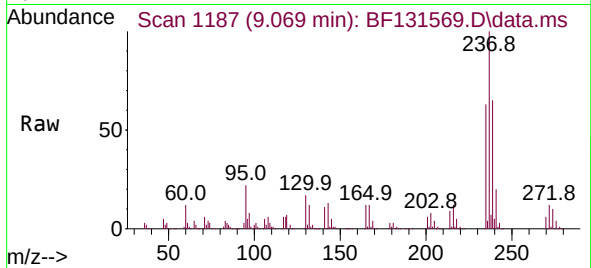
Tgt Ion:216 Resp: 188108
Ion Ratio Lower Upper
216 100
214 78.8 62.1 93.1
179 20.5 16.0 24.0
108 21.5 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 120.986 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

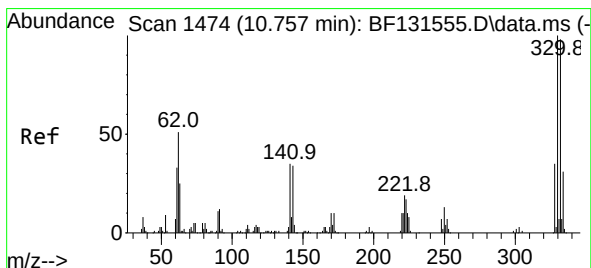
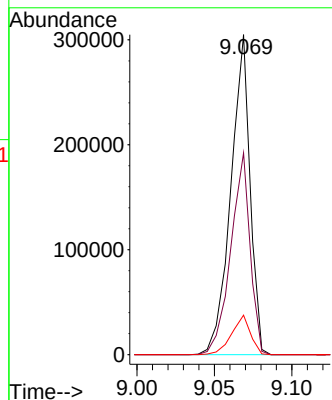
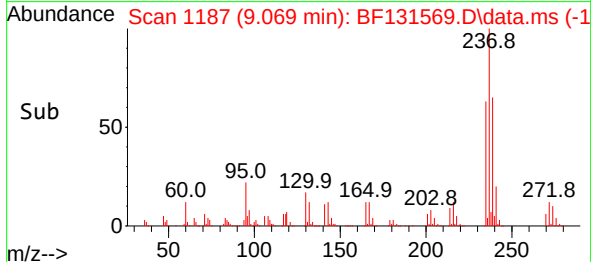
Instrument :
BNA_F
ClientSampleId :
PB149504BSD



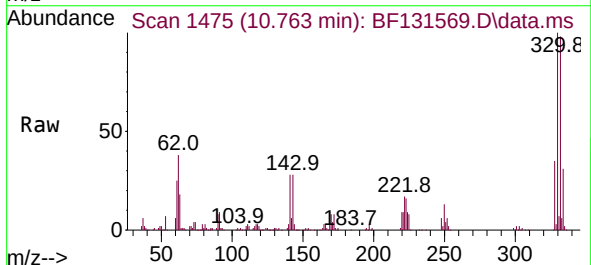
Tgt Ion: 237 Resp: 263019
Ion Ratio Lower Upper
237 100
235 63.0 40.6 80.6
272 12.3 0.0 32.2

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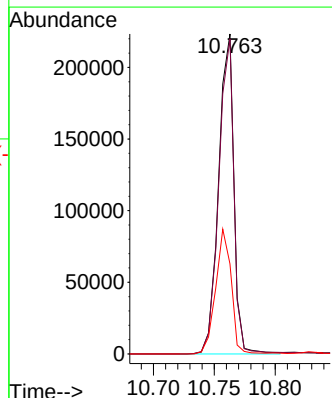
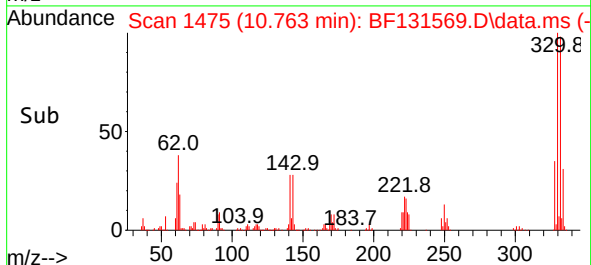
Reviewed By : Christian Giraldo 12/10/2022
Supervised By : Jagrut Upadhyay 12/12/2022

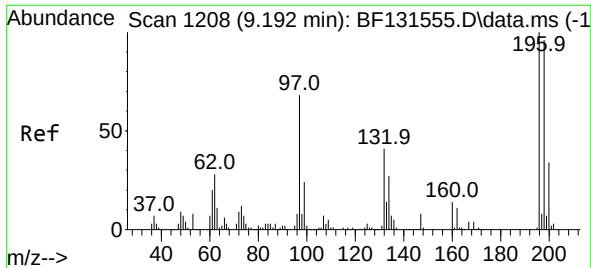


#42
2,4,6-Tribromophenol
Concen: 151.845 ng
RT: 10.763 min Scan# 1475
Delta R.T. 0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28



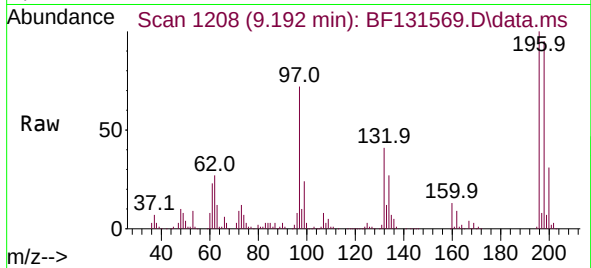
Tgt Ion: 330 Resp: 195195
Ion Ratio Lower Upper
330 100
332 98.2 78.3 117.5
141 39.8 32.6 49.0





#43
2,4,6-Trichlorophenol
Concen: 40.971 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

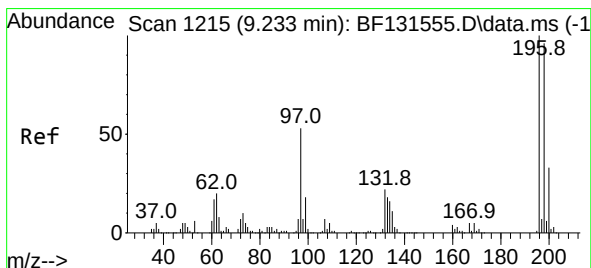
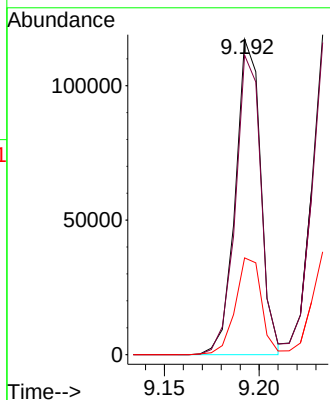
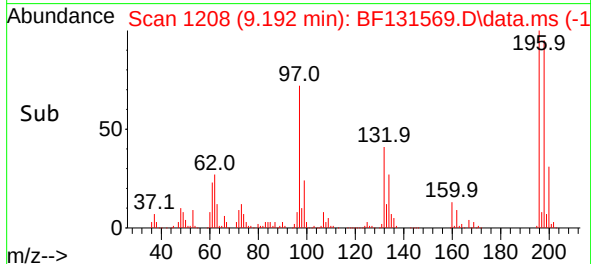
Instrument :
BNA_F
ClientSampleId :
PB149504BSD



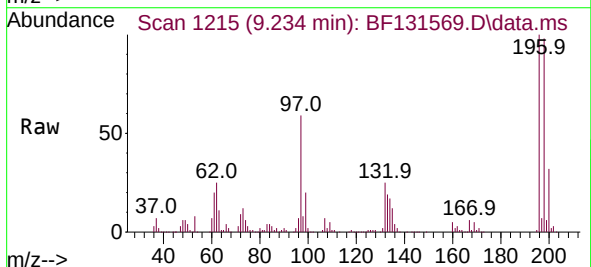
Tgt Ion:196 Resp: 108539
Ion Ratio Lower Upper
196 100
198 95.0 76.9 115.3
200 30.7 26.9 40.3

Manual Integrations
APPROVED

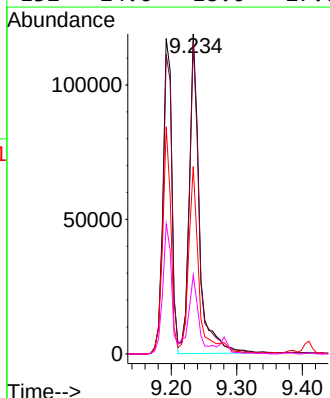
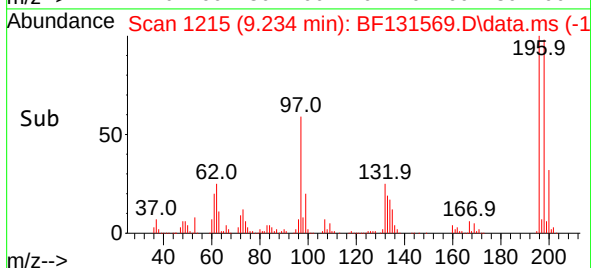
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

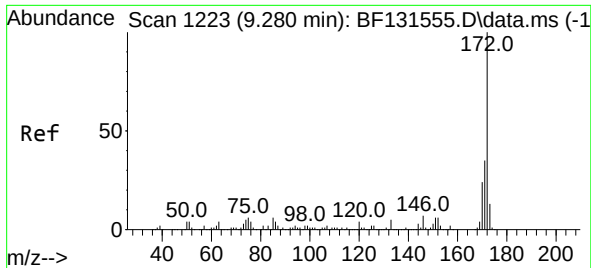


#44
2,4,5-Trichlorophenol
Concen: 45.157 ng
RT: 9.234 min Scan# 1215
Delta R.T. 0.001 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28



Tgt Ion:196 Resp: 128654
Ion Ratio Lower Upper
196 100
198 97.5 77.2 115.8
97 58.5 42.2 63.2
132 24.6 18.0 27.0





#45

2-Fluorobiphenyl

Concen: 85.382 ng

RT: 9.281 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF131569.D

Acq: 09 Dec 2022 16:28

Instrument :

BNA_F

ClientSampleId :

PB149504BSD

Tgt Ion:172 Resp: 783496

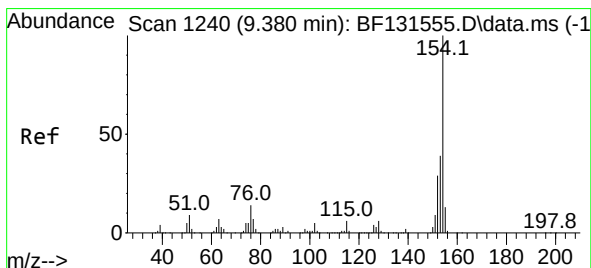
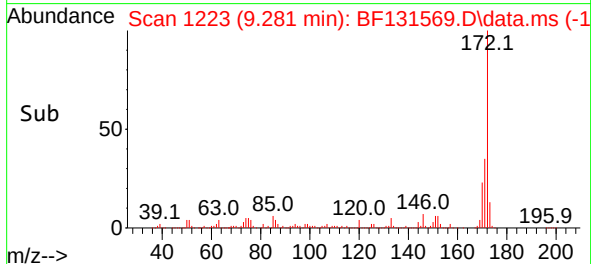
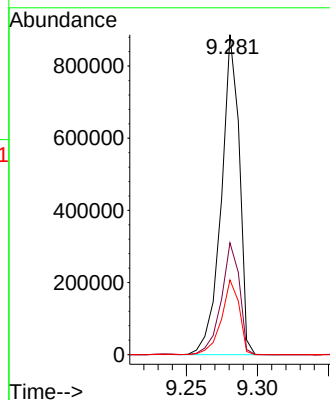
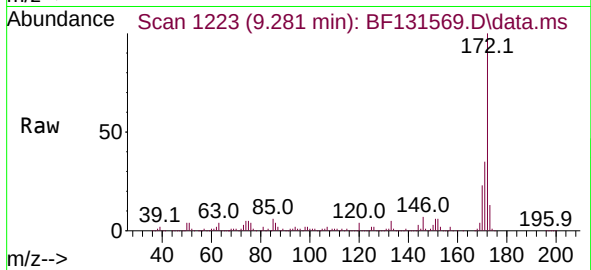
Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	23.3	19.3	28.9

Manual Integrations

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Reviewed By :Christian Giraldo 12/10/2022

Supervised By :Jagrut Upadhyay 12/12/2022



#46

1,1'-Biphenyl

Concen: 44.081 ng

RT: 9.386 min Scan# 1241

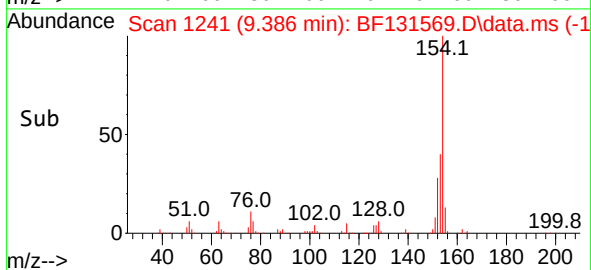
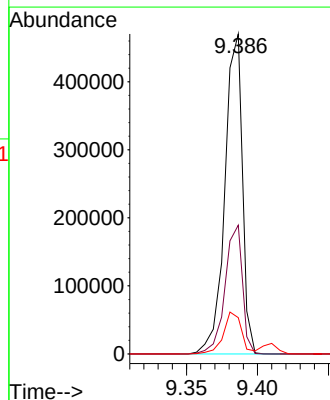
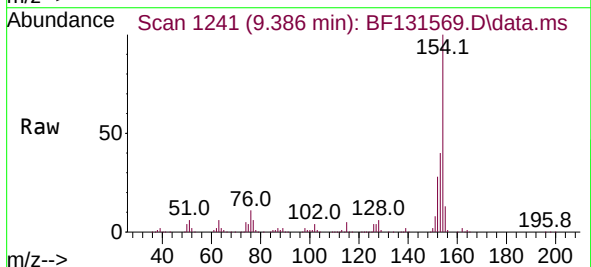
Delta R.T. 0.006 min

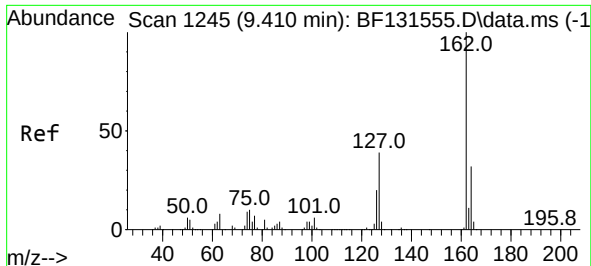
Lab File: BF131569.D

Acq: 09 Dec 2022 16:28

Tgt Ion:154 Resp: 403255

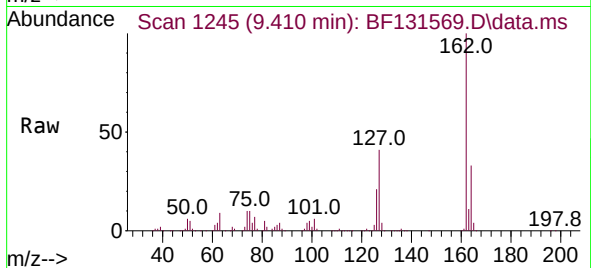
Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.4	59.4
76	11.3	0.0	34.0





#47
2-Chloronaphthalene
Concen: 42.765 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

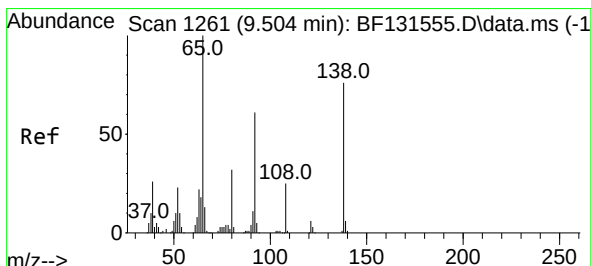
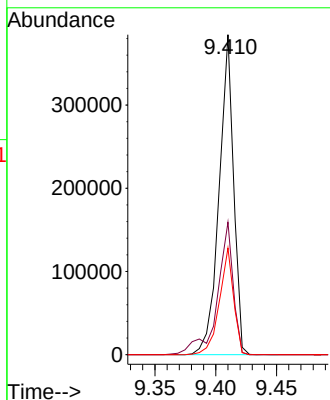
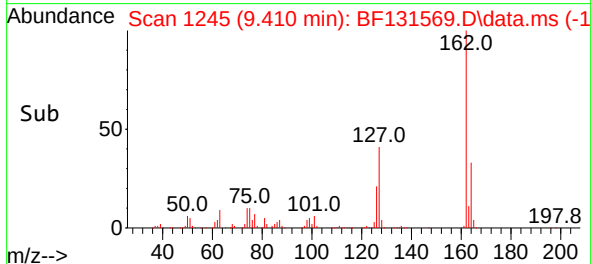
Instrument :
BNA_F
ClientSampleId :
PB149504BSD



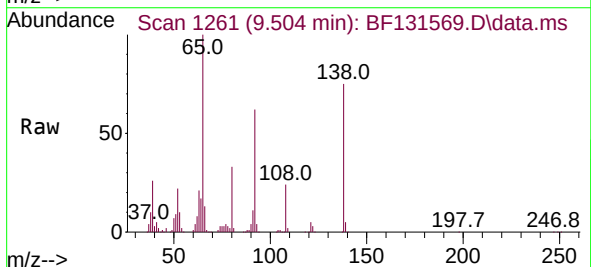
Tgt Ion:162 Resp: 318740
Ion Ratio Lower Upper
162 100
127 41.4 31.4 47.2
164 33.3 25.8 38.8

Manual Integrations
APPROVED

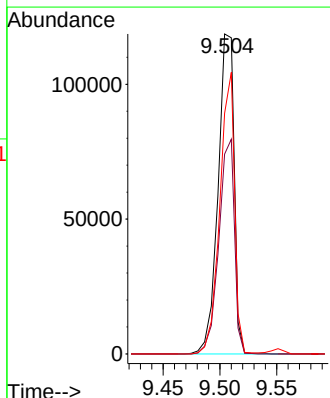
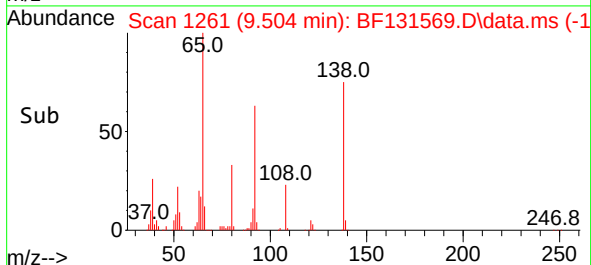
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

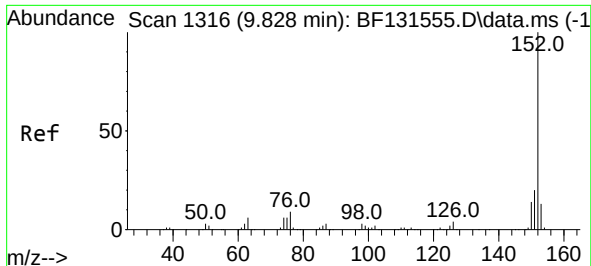


#48
2-Nitroaniline
Concen: 44.222 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28



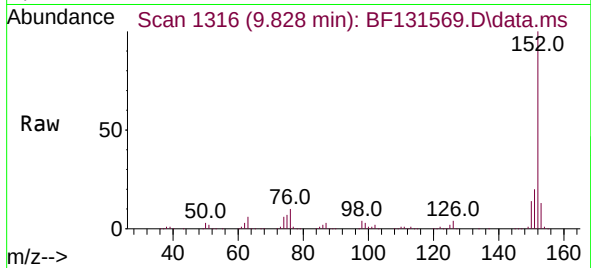
Tgt Ion: 65 Resp: 116756
Ion Ratio Lower Upper
65 100
92 62.4 49.2 73.8
138 75.2 60.7 91.1





#49
Acenaphthylene
Concen: 43.878 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

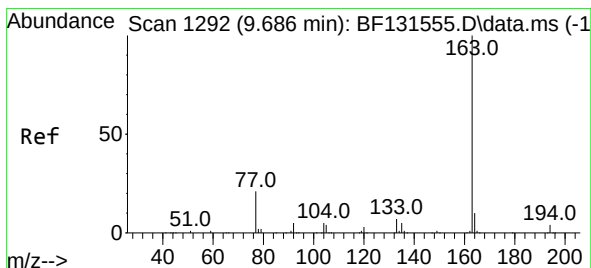
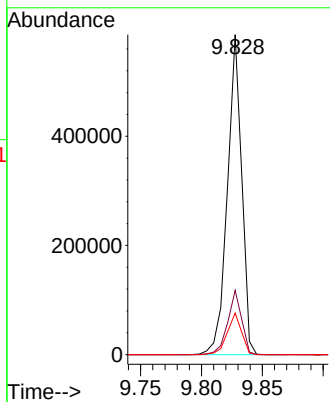
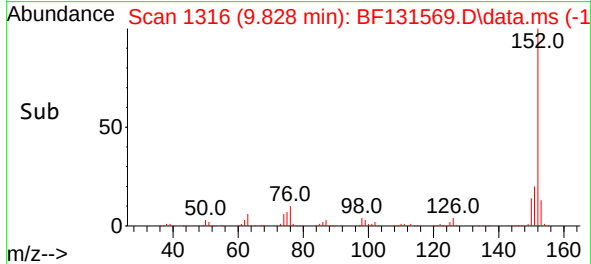
Instrument : BNA_F
ClientSampleId : PB149504BSD



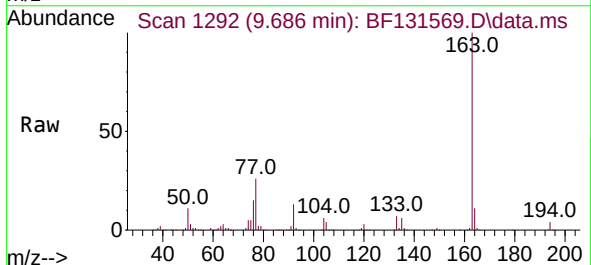
Tgt Ion:152 Resp: 480184
Ion Ratio Lower Upper
152 100
151 20.1 15.6 23.4
153 13.0 10.4 15.6

Manual Integrations
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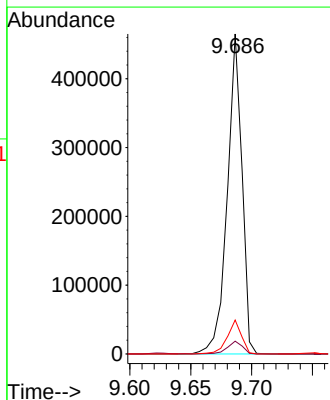
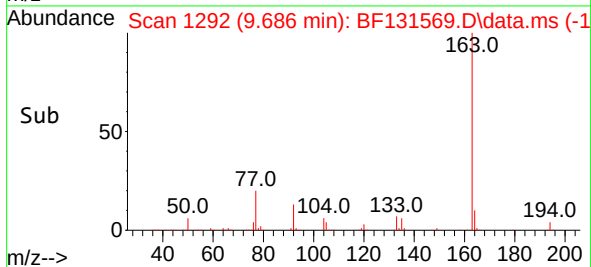
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

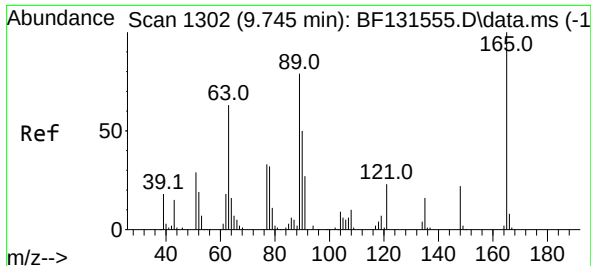


#50
Dimethylphthalate
Concen: 44.248 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28



Tgt Ion:163 Resp: 390273
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.6 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 45.590 ng

RT: 9.751 min Scan# 1302

Delta R.T. 0.006 min

Lab File: BF131569.D

Acq: 09 Dec 2022 16:28

Instrument :

BNA_F

ClientSampleId :

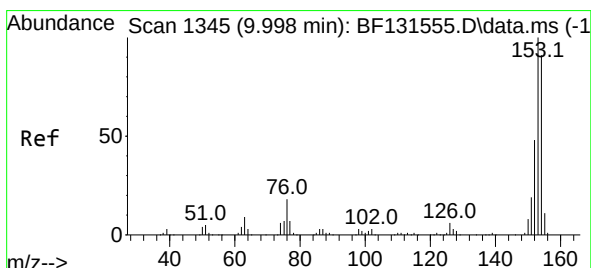
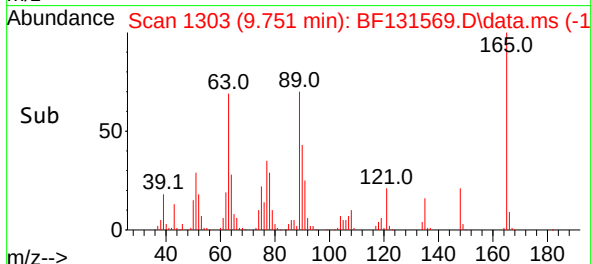
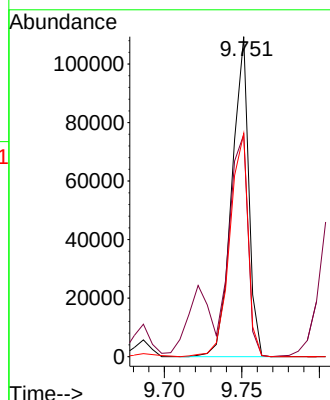
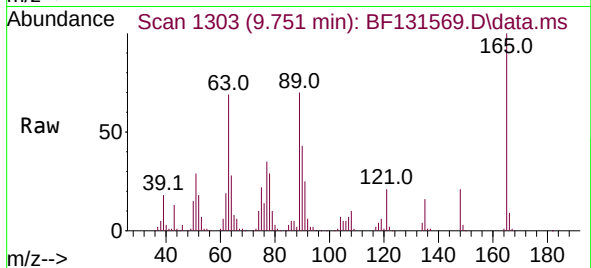
PB149504BSD

Tgt Ion:165 Resp: 83014
 Ion Ratio Lower Upper
 165 100
 63 69.4 67.9 101.9
 89 69.7 63.2 94.8

Manual Integrations

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Reviewed By :Christian Giraldo 12/10/2022
 Supervised By :Jagrut Upadhyay 12/12/2022



#52

Acenaphthene

Concen: 49.735 ng m

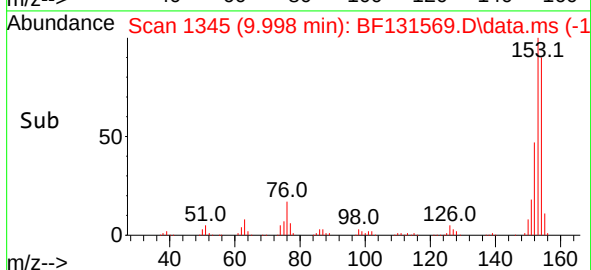
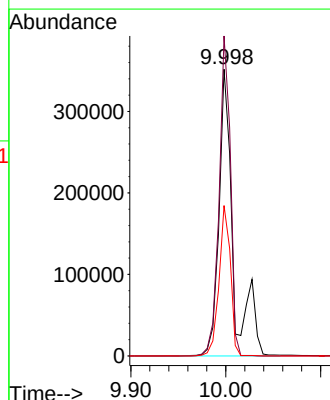
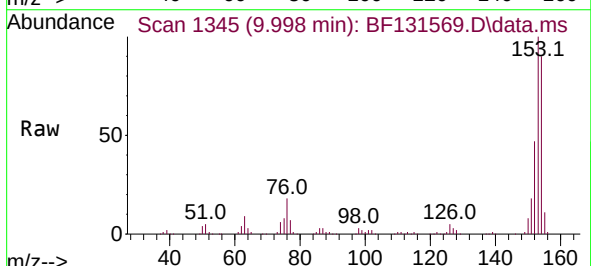
RT: 9.998 min Scan# 1345

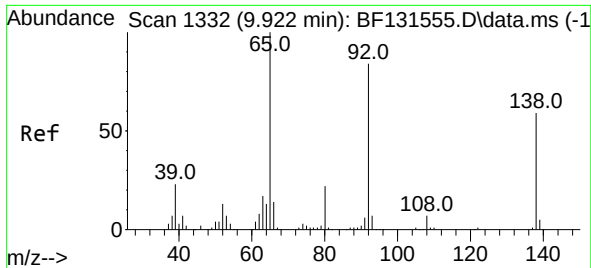
Delta R.T. 0.000 min

Lab File: BF131569.D

Acq: 09 Dec 2022 16:28

Tgt Ion:154 Resp: 364623
 Ion Ratio Lower Upper
 154 100
 153 111.6 87.9 131.9
 152 52.5 42.4 63.6





#53
3-Nitroaniline
Concen: 31.925 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

Instrument :

BNA_F

ClientSampleId :

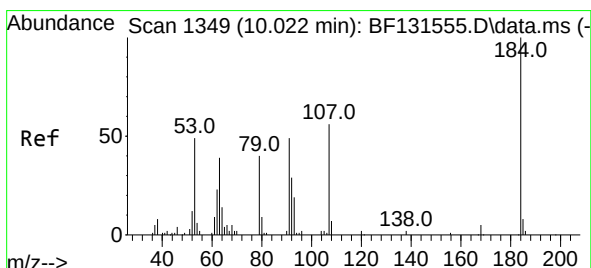
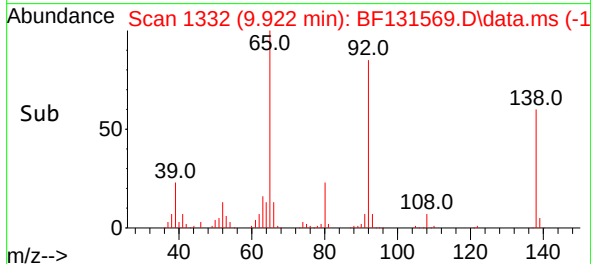
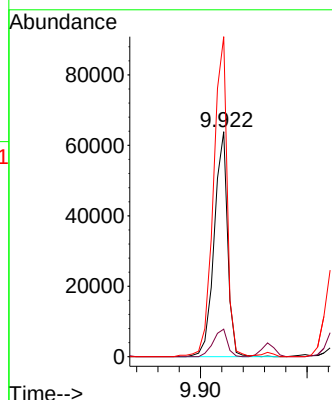
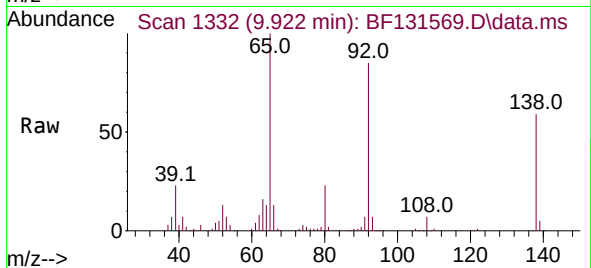
PB149504BSD

Tgt Ion:138 Resp: 55775
Ion Ratio Lower Upper
138 100
108 12.2 9.6 14.4
92 142.3 113.4 170.0

Manual Integrations

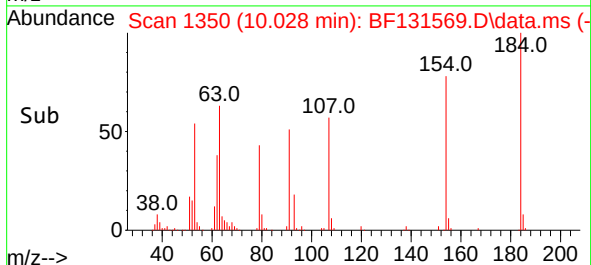
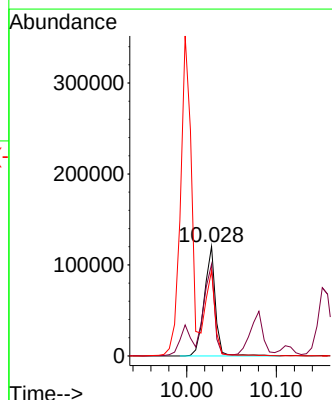
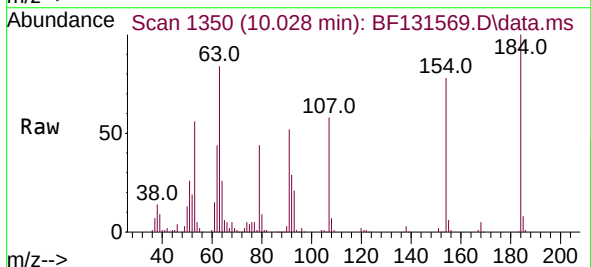
APPROVED

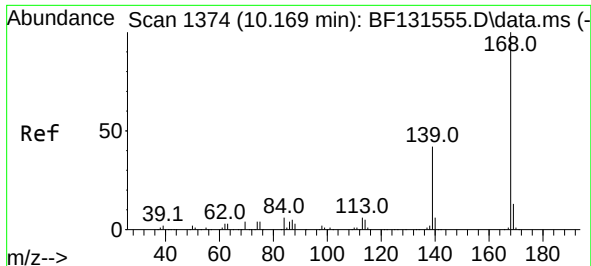
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#54
2,4-Dinitrophenol
Concen: 97.853 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

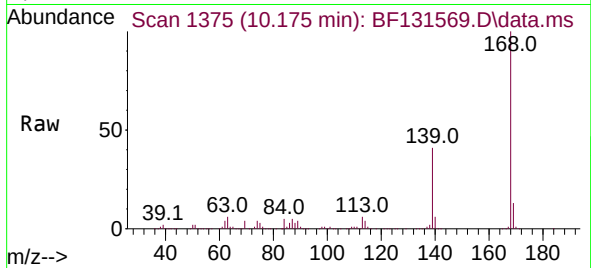
Tgt Ion:184 Resp: 103003
Ion Ratio Lower Upper
184 100
63 83.7 60.7 91.1
154 78.0 59.0 88.6





#55
Dibenzenofuran
Concen: 43.925 ng
RT: 10.175 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

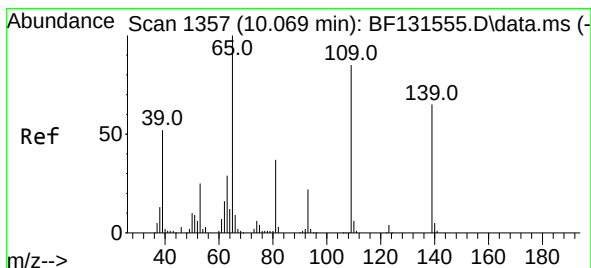
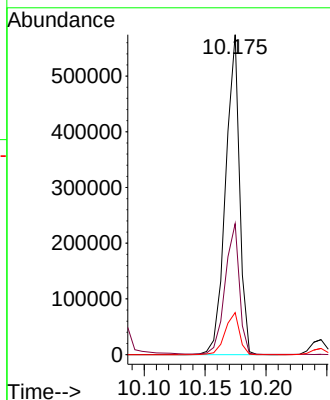
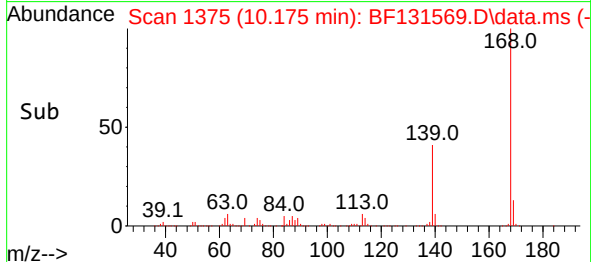
Instrument :
BNA_F
ClientSampleId :
PB149504BSD



Tgt Ion:168 Resp: 455005
Ion Ratio Lower Upper
168 100
139 40.9 33.9 50.9
169 13.1 10.7 16.1

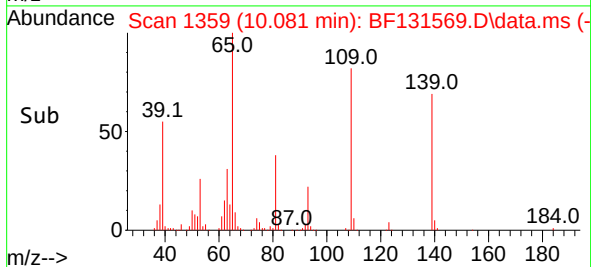
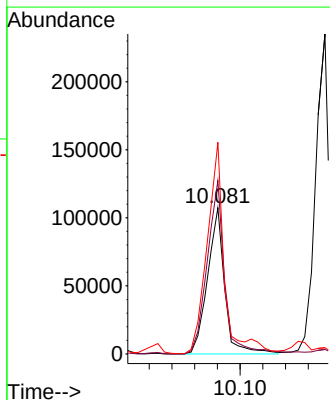
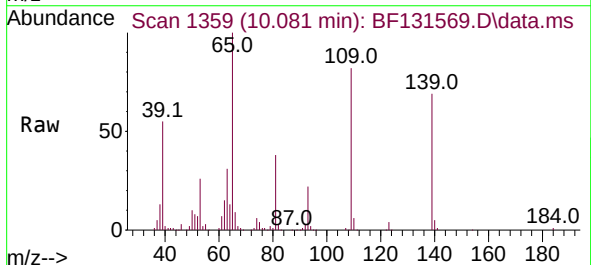
Manual Integrations
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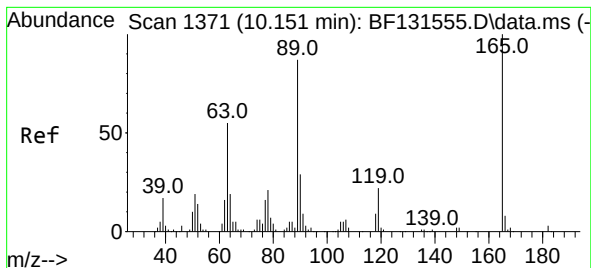
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#56
4-Nitrophenol
Concen: 92.514 ng
RT: 10.081 min Scan# 1359
Delta R.T. 0.012 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

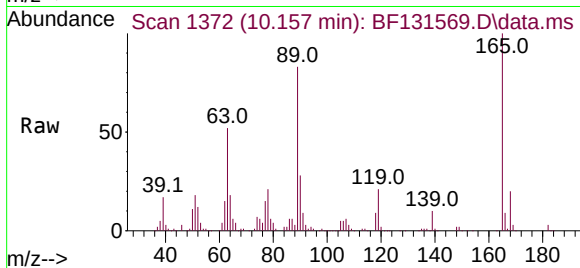
Tgt Ion:139 Resp: 112282
Ion Ratio Lower Upper
139 100
109 118.6 110.2 150.2
65 144.8 133.3 173.3





#57
2,4-Dinitrotoluene
Concen: 46.362 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

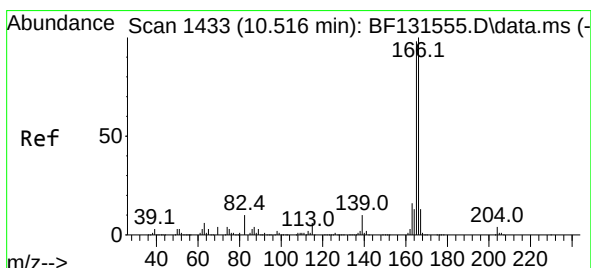
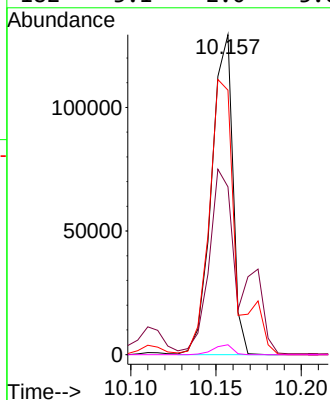
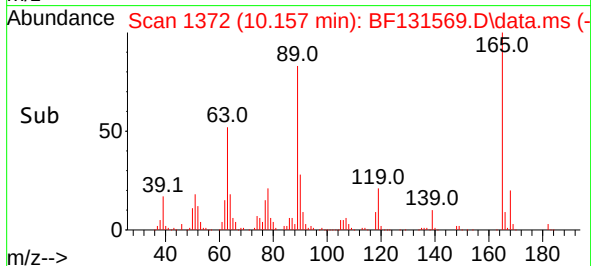
Instrument :
BNA_F
ClientSampleId :
PB149504BSD



Tgt Ion:165 Resp: 111985
Ion Ratio Lower Upper
165 100
63 52.4 44.4 66.6
89 82.6 69.6 104.4
182 3.1 2.0 3.0#

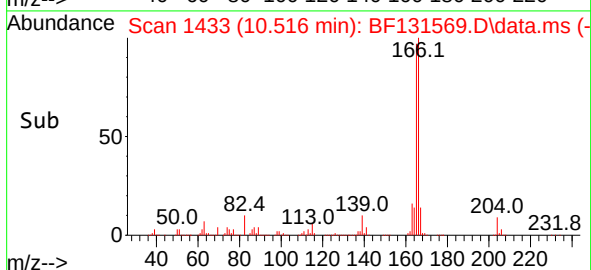
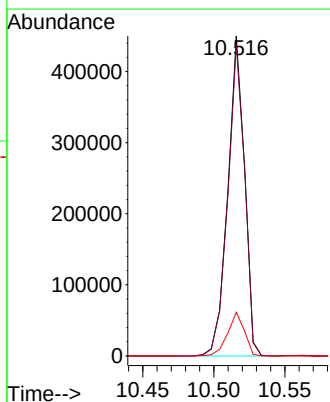
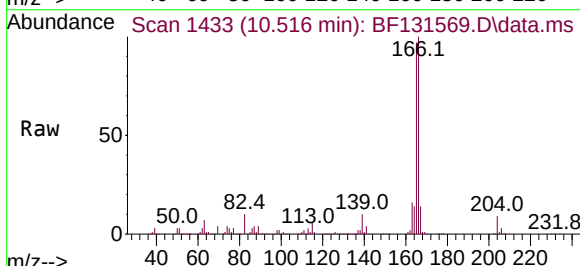
Manual Integrations
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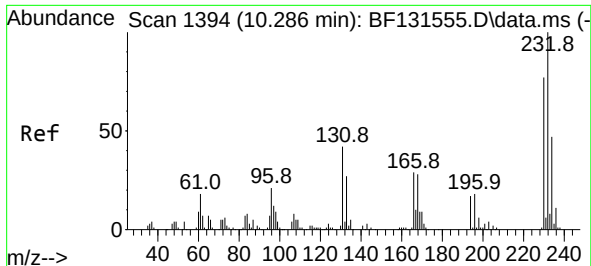
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#58
Fluorene
Concen: 43.673 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

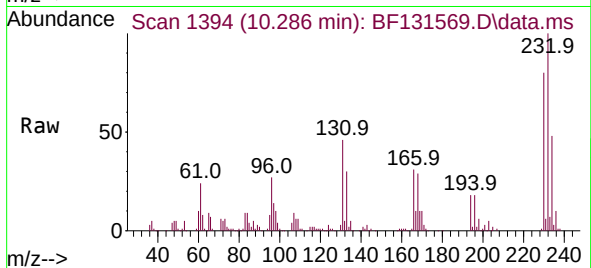
Tgt Ion:166 Resp: 367780
Ion Ratio Lower Upper
166 100
165 97.3 78.4 117.6
167 13.6 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.365 ng m
RT: 10.286 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

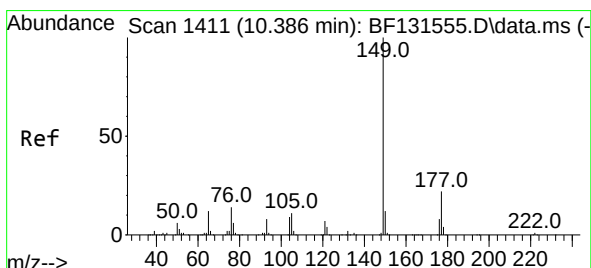
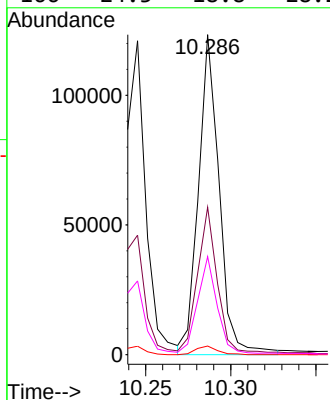
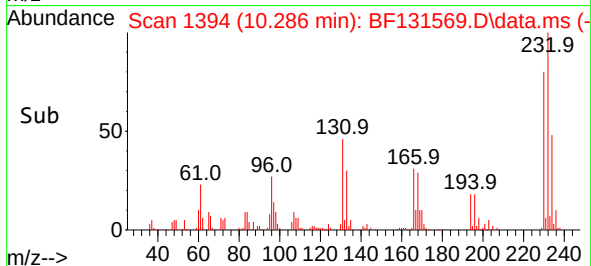
Instrument :
BNA_F
ClientSampleId :
PB149504BSD



Tgt Ion:232 Resp: 104622
Ion Ratio Lower Upper
232 100
131 40.8 31.0 46.6
130 2.6 1.8 2.8
166 24.3 18.8 28.2

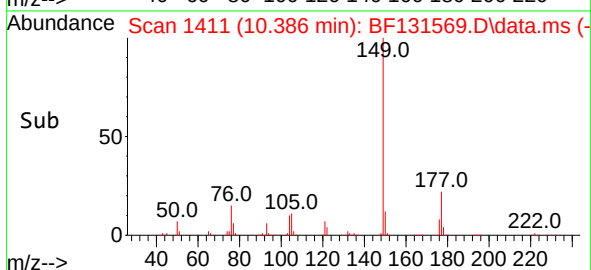
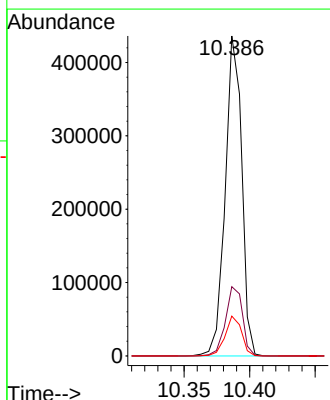
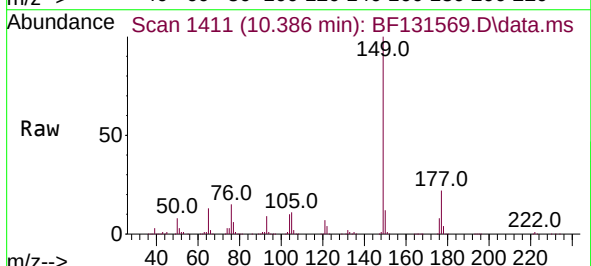
Manual Integrations
APPROVED

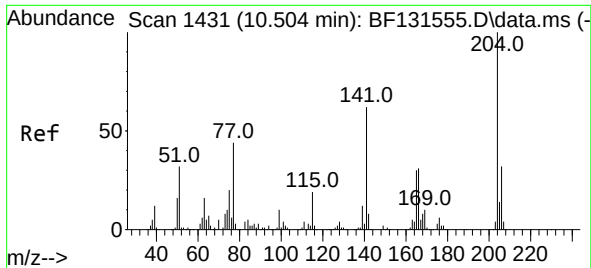
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#60
Diethylphthalate
Concen: 45.108 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

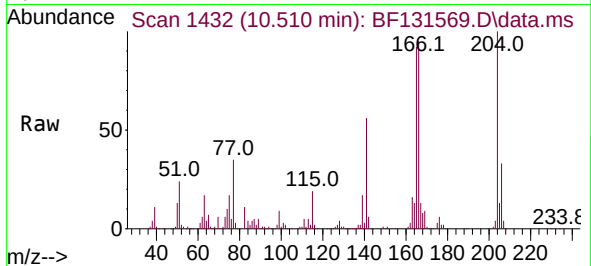
Tgt Ion:149 Resp: 381799
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.2
150 12.4 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 44.800 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

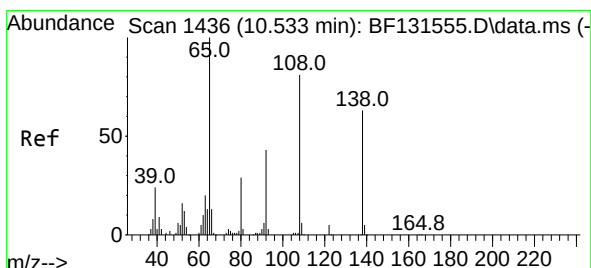
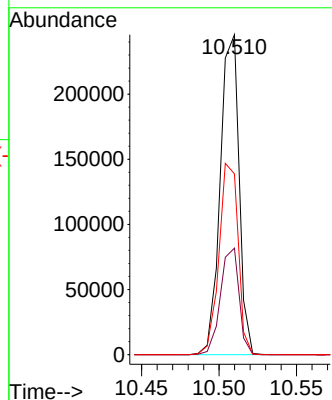
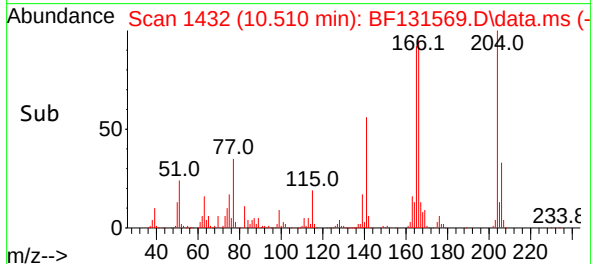
Instrument :
BNA_F
ClientSampleId :
PB149504BSD



Tgt Ion:204 Resp: 208486
Ion Ratio Lower Upper
204 100
206 33.3 25.4 38.2
141 56.5 49.5 74.3

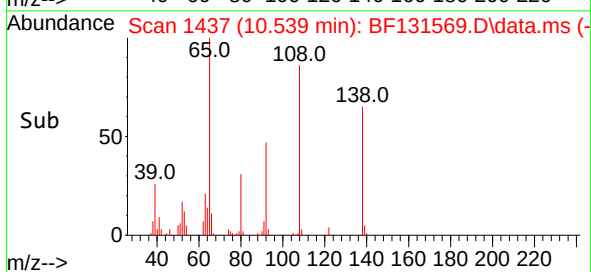
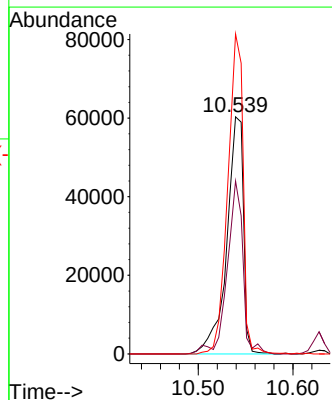
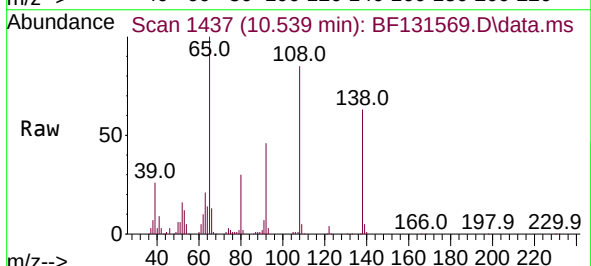
Manual Integrations
APPROVED

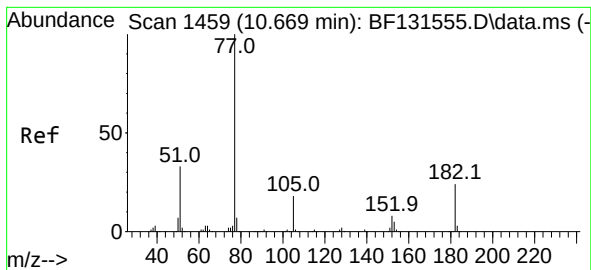
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#62
4-Nitroaniline
Concen: 42.447 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

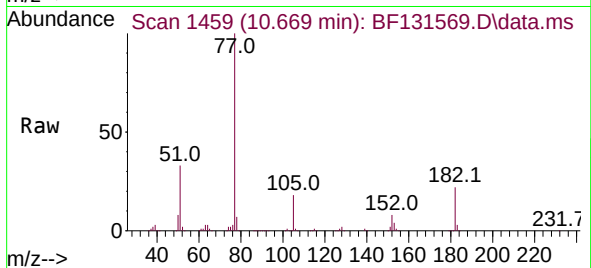
Tgt Ion:138 Resp: 73487
Ion Ratio Lower Upper
138 100
92 73.0 47.5 87.5
108 135.0 108.8 148.8





#63
Azobenzene
Concen: 43.830 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

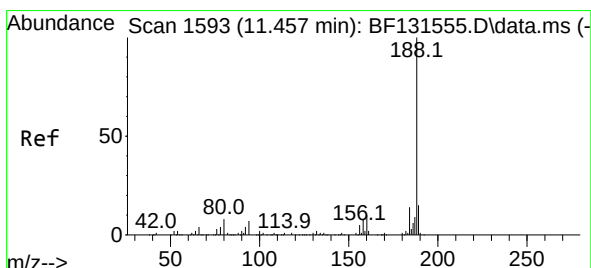
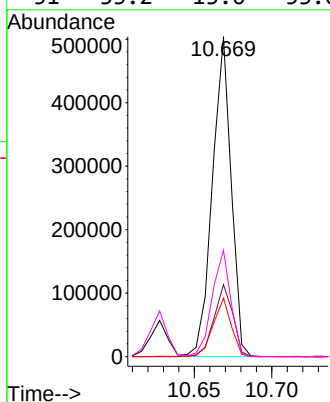
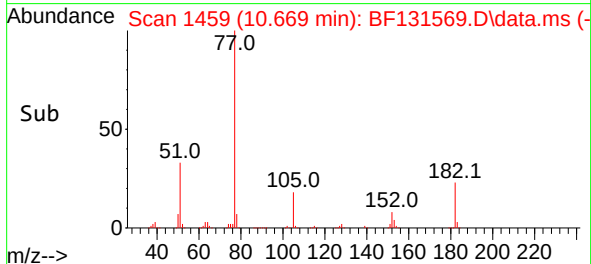
Instrument :
BNA_F
ClientSampleId :
PB149504BSD



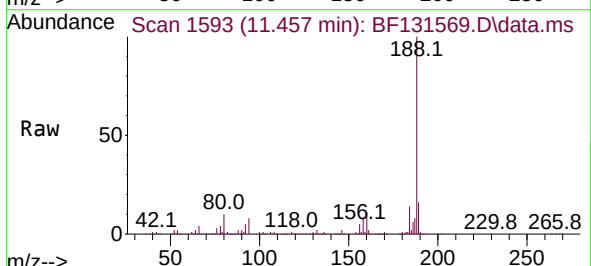
Tgt Ion: 77 Resp: 423132
Ion Ratio Lower Upper
77 100
182 22.5 3.9 43.9
105 18.3 0.0 38.3
51 33.2 13.0 53.0

Manual Integrations
APPROVED

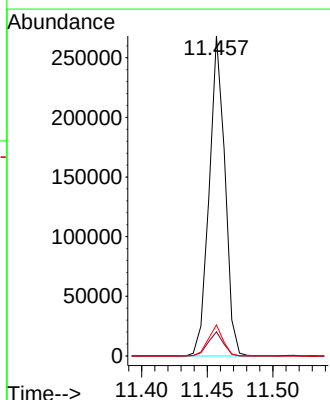
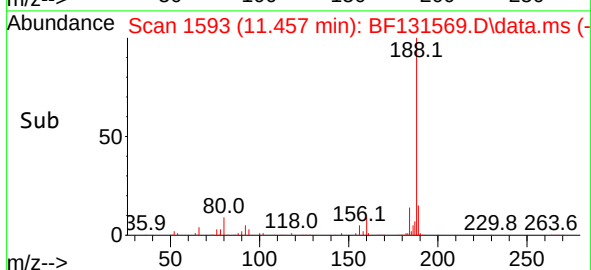
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

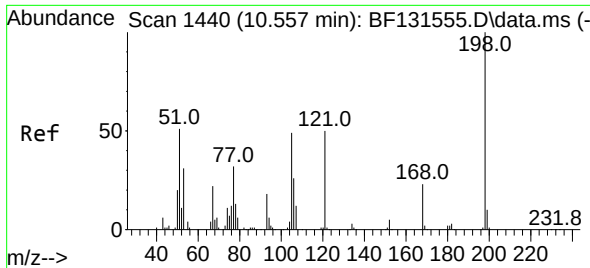


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28



Tgt Ion:188 Resp: 223870
Ion Ratio Lower Upper
188 100
94 7.5 5.5 8.3
80 9.7 6.6 10.0





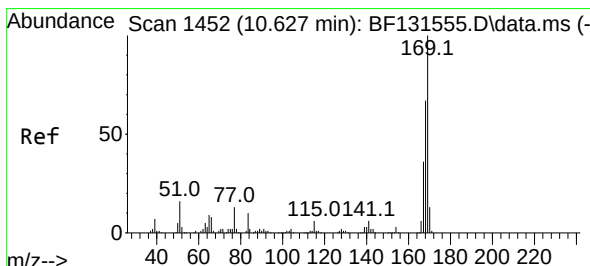
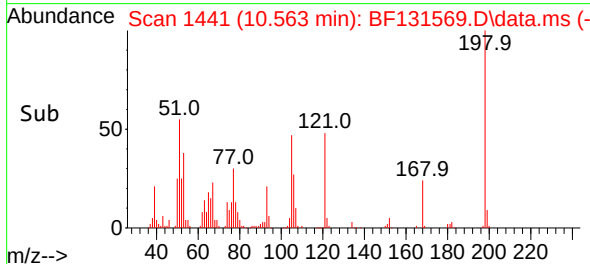
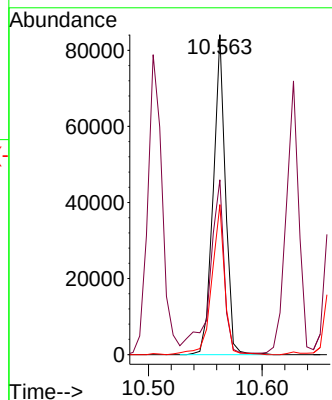
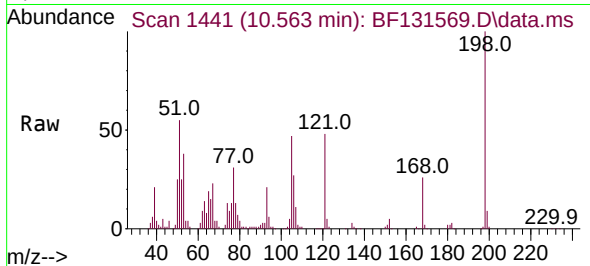
#65
4,6-Dinitro-2-methylphenol
Concen: 44.513 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

Instrument :
BNA_F
ClientSampleId :
PB149504BSD

Tgt Ion:198 Resp: 63117
Ion Ratio Lower Upper
198 100
51 54.6 36.7 76.7
105 46.9 29.9 69.9

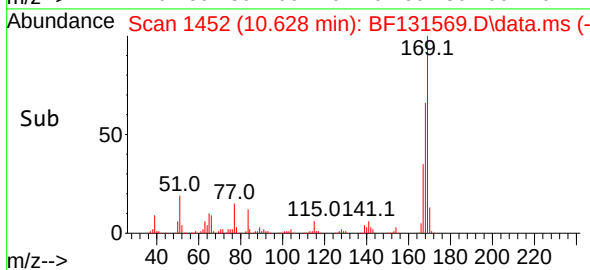
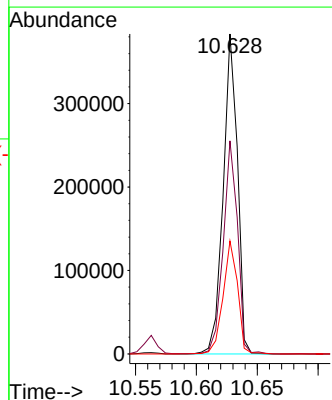
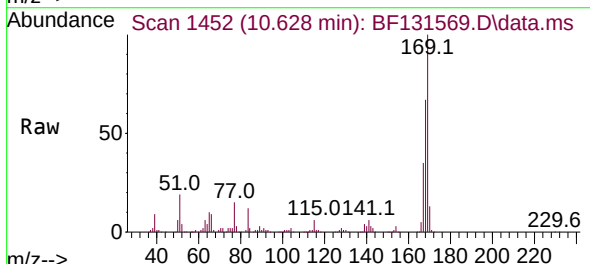
Manual Integrations
APPROVED

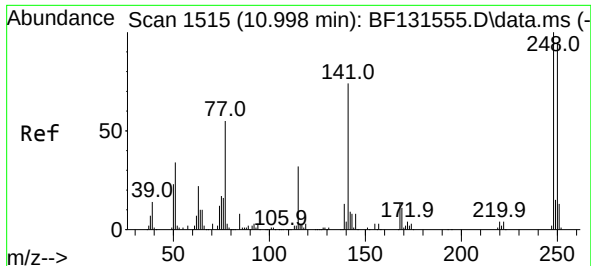
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#66
n-Nitrosodiphenylamine
Concen: 43.108 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

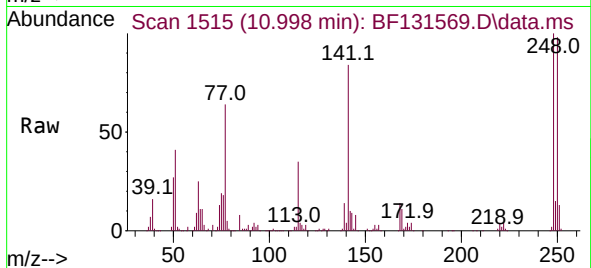
Tgt Ion:169 Resp: 311995
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.6
167 35.3 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 43.169 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

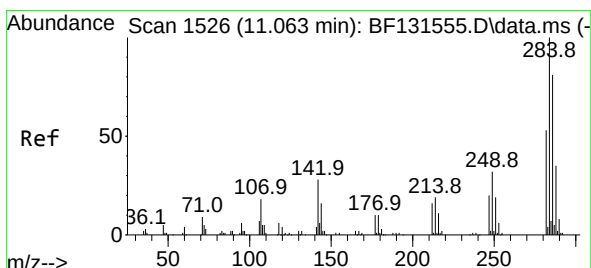
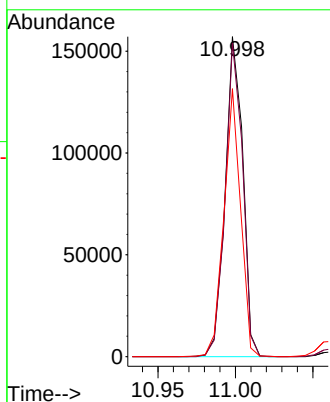
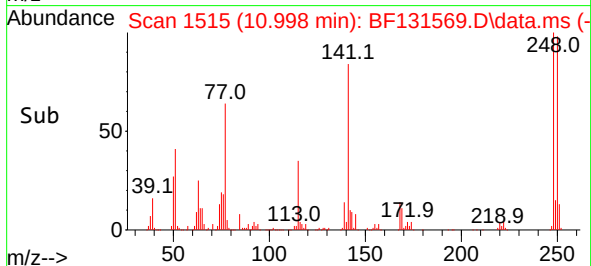
Instrument :
BNA_F
ClientSampleId :
PB149504BSD



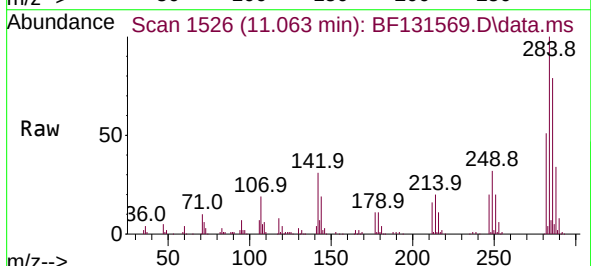
Tgt Ion:248 Resp: 124324
Ion Ratio Lower Upper
248 100
250 98.0 76.2 114.2
141 83.7 59.5 89.3

Manual Integrations
APPROVED

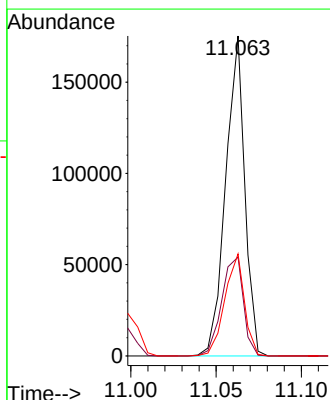
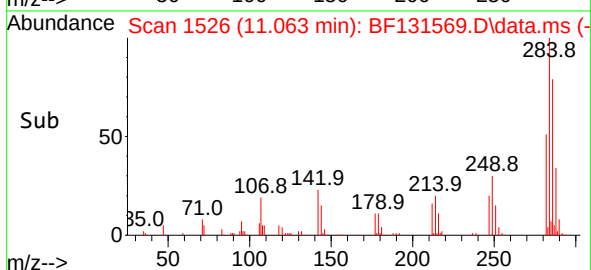
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

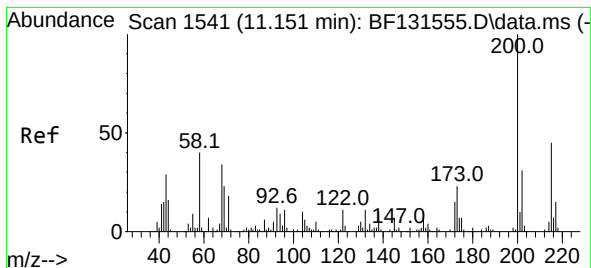


#68
Hexachlorobenzene
Concen: 43.858 ng
RT: 11.063 min Scan# 1526
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28



Tgt Ion:284 Resp: 136623
Ion Ratio Lower Upper
284 100
142 30.9 22.3 33.5
249 31.9 25.4 38.2





#69

Atrazine

Concen: 52.125 ng

RT: 11.157 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF131569.D

Acq: 09 Dec 2022 16:28

Instrument :

BNA_F

ClientSampleId :

PB149504BSD

Tgt Ion:200 Resp: 119800

Ion Ratio Lower Upper

200 100

173 23.9 3.4 43.4

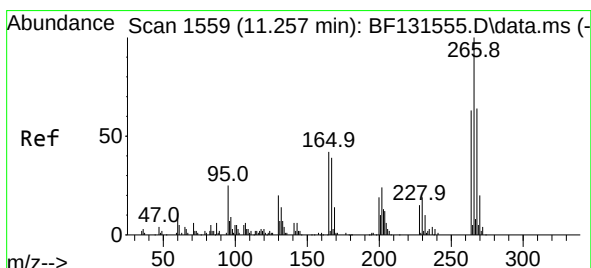
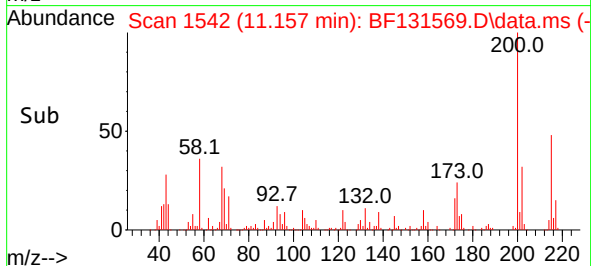
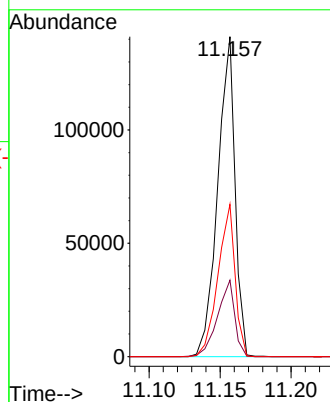
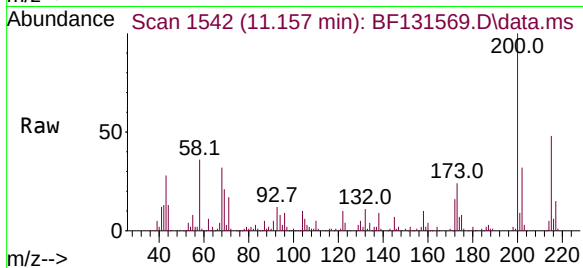
215 47.6 25.0 65.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/10/2022

Supervised By :Jagrut Upadhyay 12/12/2022



#70

Pentachlorophenol

Concen: 91.439 ng

RT: 11.257 min Scan# 1559

Delta R.T. -0.000 min

Lab File: BF131569.D

Acq: 09 Dec 2022 16:28

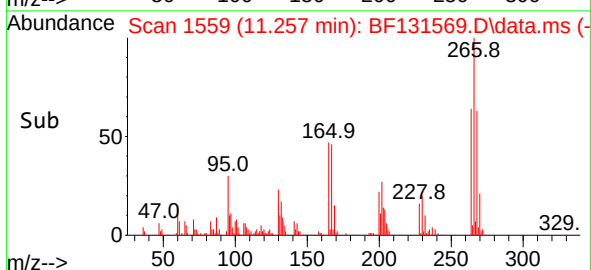
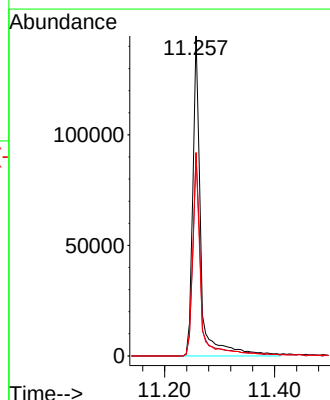
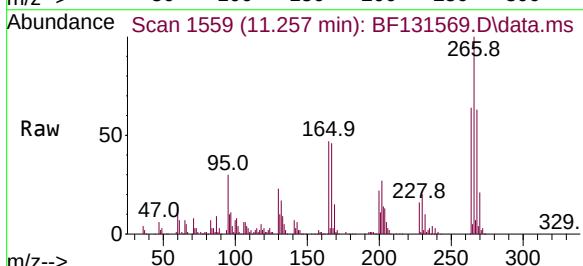
Tgt Ion:266 Resp: 146639

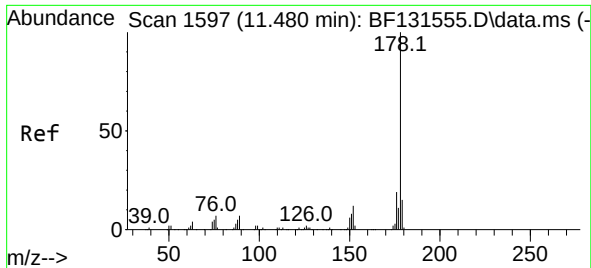
Ion Ratio Lower Upper

266 100

268 63.1 51.5 77.3

264 63.6 50.7 76.1





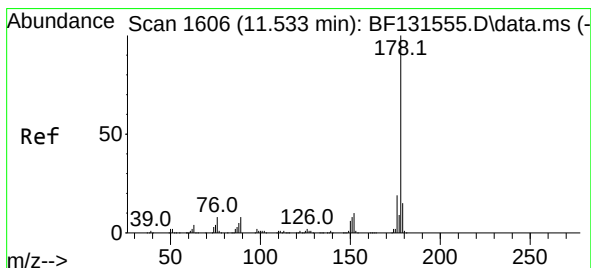
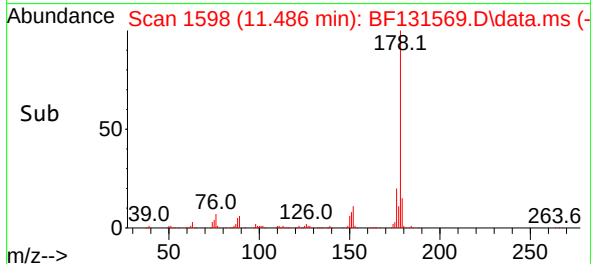
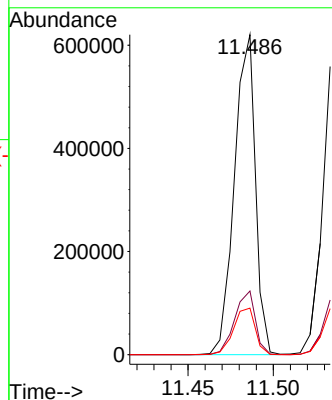
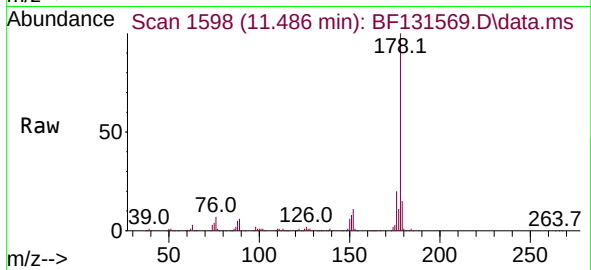
#71
Phenanthrene
Concen: 42.586 ng
RT: 11.486 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

Instrument :
BNA_F
ClientSampleId :
PB149504BSD

Tgt Ion:178 Resp: 531407
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.0
179 14.5 12.2 18.4

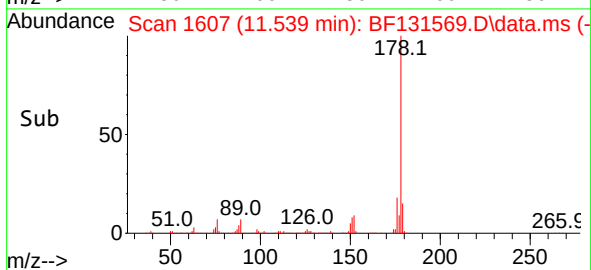
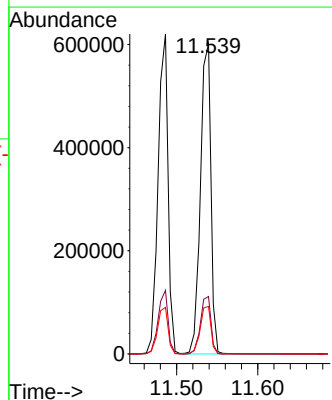
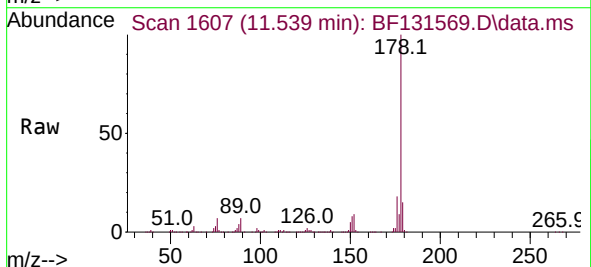
Manual Integrations
APPROVED

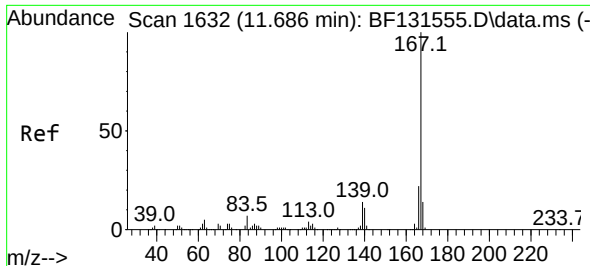
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#72
Anthracene
Concen: 44.294 ng
RT: 11.539 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

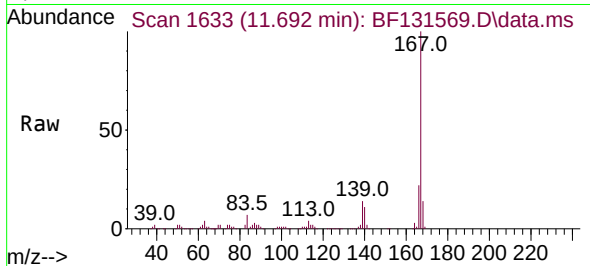
Tgt Ion:178 Resp: 537743
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.3 12.3 18.5





#73
 Carbazole
 Concen: 44.231 ng
 RT: 11.692 min Scan# 1633
 Delta R.T. 0.006 min
 Lab File: BF131569.D
 Acq: 09 Dec 2022 16:28

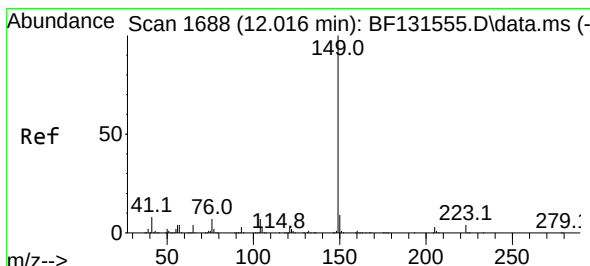
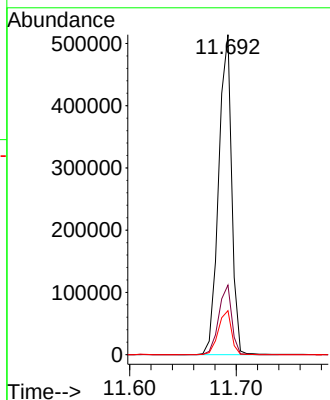
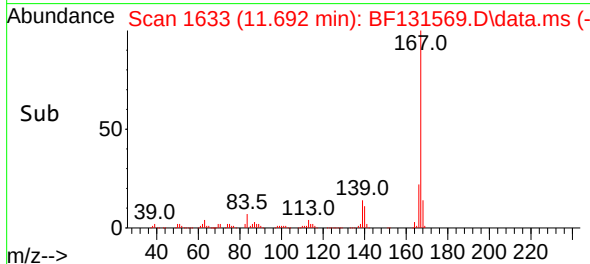
Instrument :
 BNA_F
 ClientSampleId :
 PB149504BSD



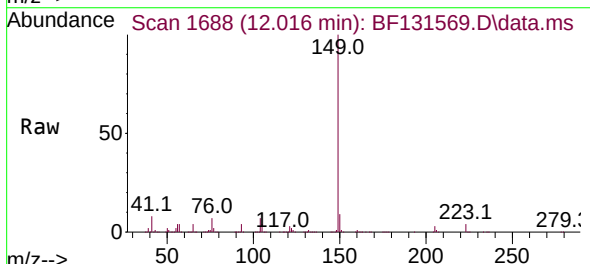
Tgt Ion:167 Resp: 438304
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.7 11.0 16.4

Manual Integrations
 APPROVED

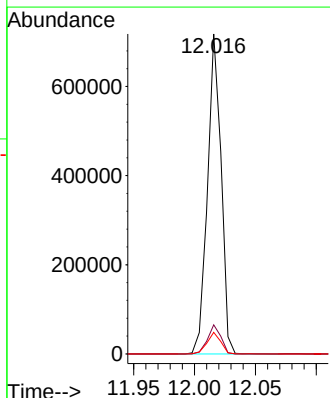
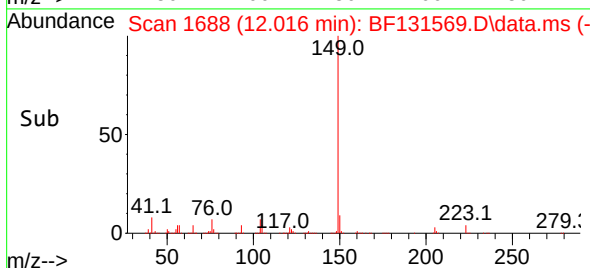
Reviewed By :Christian Giraldo 12/10/2022
 Supervised By :Jagrut Upadhyay 12/12/2022

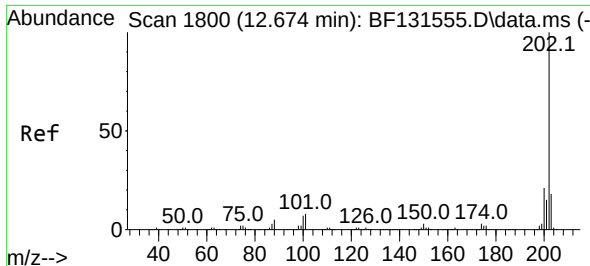


#74
 Di-n-butylphthalate
 Concen: 45.886 ng
 RT: 12.016 min Scan# 1688
 Delta R.T. 0.000 min
 Lab File: BF131569.D
 Acq: 09 Dec 2022 16:28



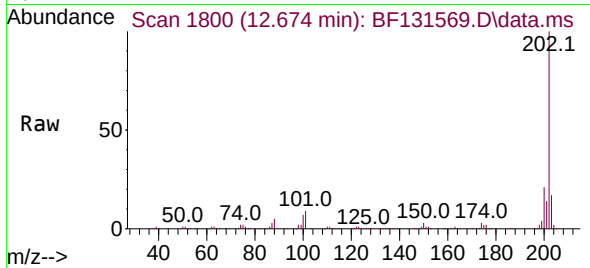
Tgt Ion:149 Resp: 557837
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 6.8 5.2 7.8





#75
Fluoranthene
Concen: 43.824 ng
RT: 12.674 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

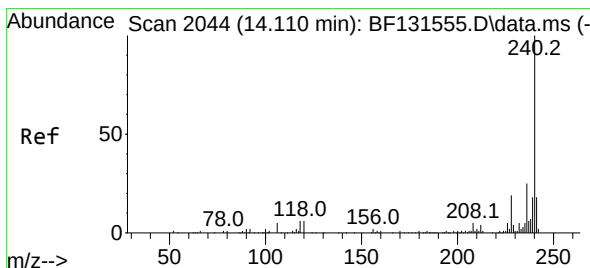
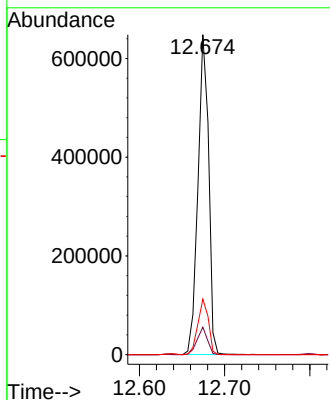
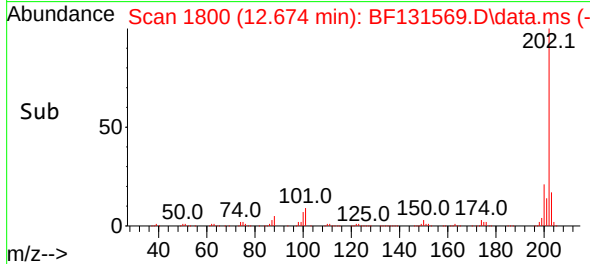
Instrument :
BNA_F
ClientSampleId :
PB149504BSD



Tgt Ion:202 Resp: 563104
Ion Ratio Lower Upper
202 100
101 8.6 0.0 27.7
203 17.3 0.0 37.7

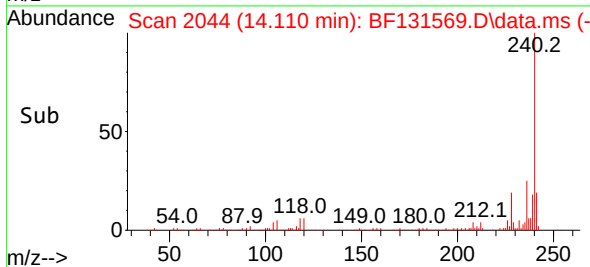
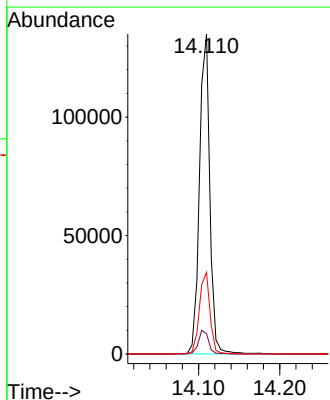
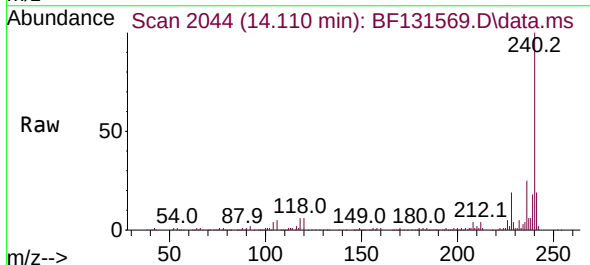
Manual Integrations
APPROVED

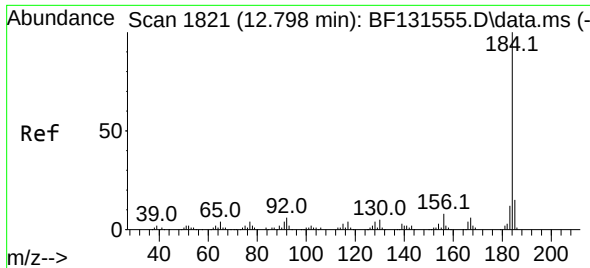
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

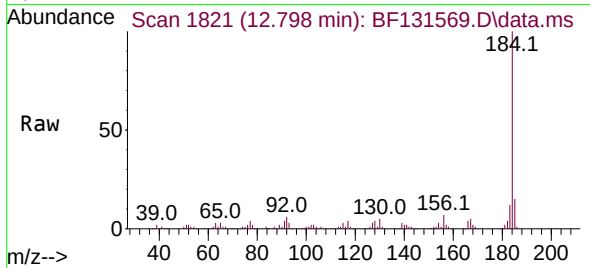
Tgt Ion:240 Resp: 118729
Ion Ratio Lower Upper
240 100
120 6.3 4.6 7.0
236 25.5 20.2 30.2





#77
Benzidine
Concen: 68.260 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

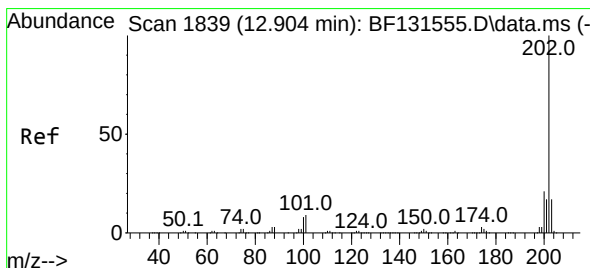
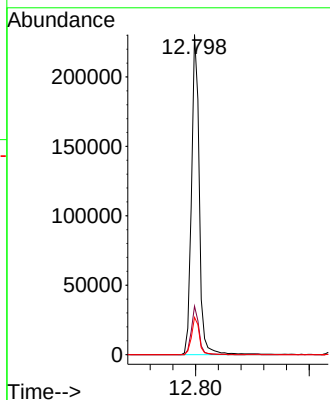
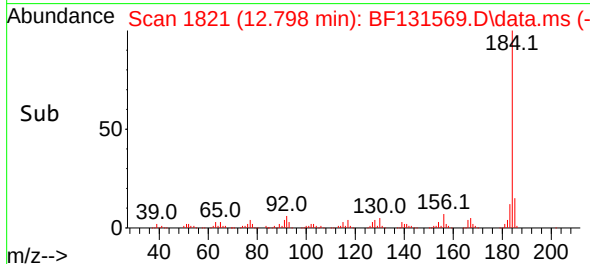
Instrument :
BNA_F
ClientSampleId :
PB149504BSD



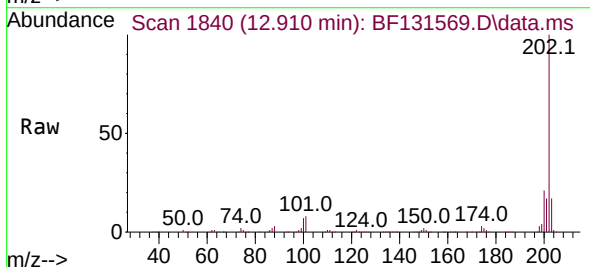
Tgt Ion:184 Resp: 217149
Ion Ratio Lower Upper
184 100
185 15.1 12.2 18.2
183 11.6 9.3 13.9

Manual Integrations
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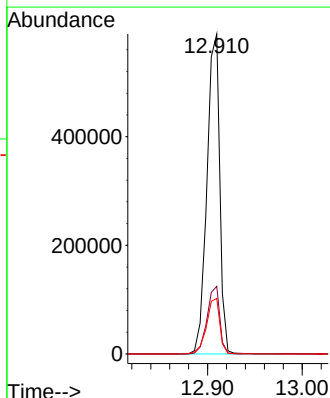
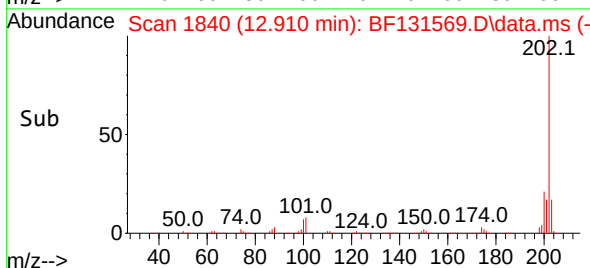
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

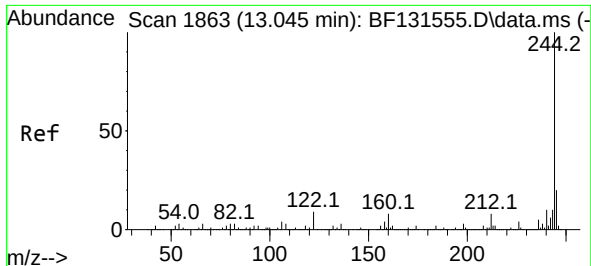


#78
Pyrene
Concen: 47.481 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28



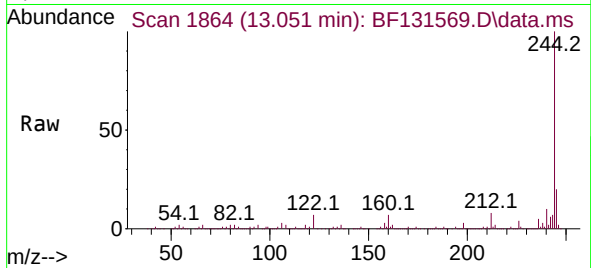
Tgt Ion:202 Resp: 555875
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.3 13.8 20.6





#79
Terphenyl-d14
Concen: 105.856 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

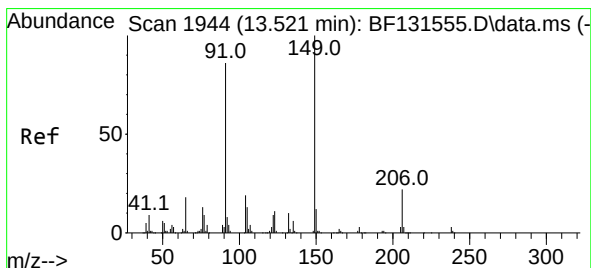
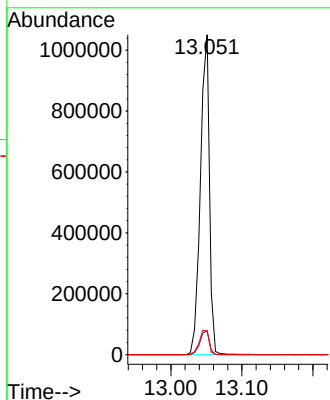
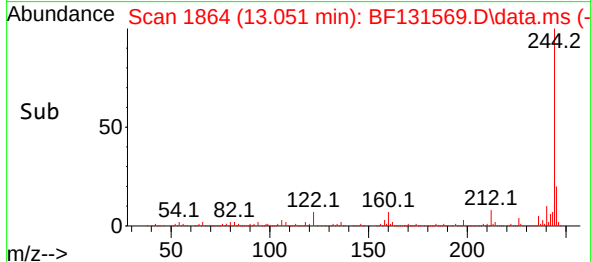
Instrument :
BNA_F
ClientSampleId :
PB149504BSD



Tgt Ion:244 Resp: 916450
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 7.3 7.1 10.7

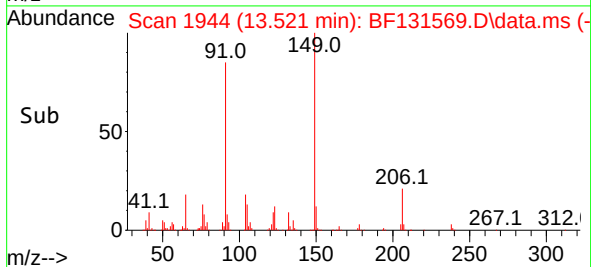
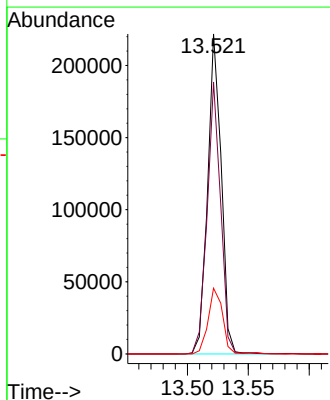
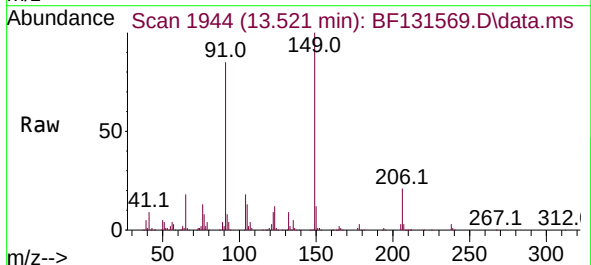
Manual Integrations
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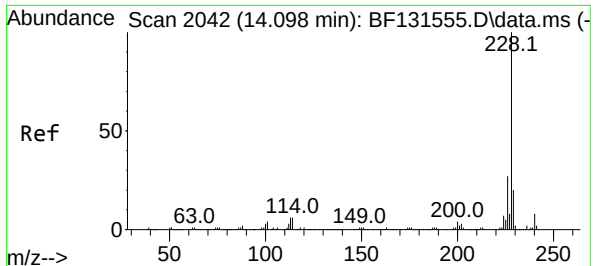
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#80
Butylbenzylphthalate
Concen: 51.029 ng
RT: 13.521 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

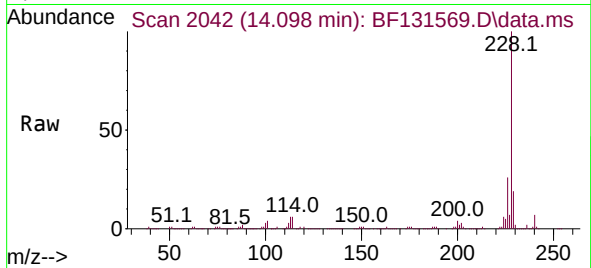
Tgt Ion:149 Resp: 172888
Ion Ratio Lower Upper
149 100
91 85.0 69.0 103.4
206 20.5 17.8 26.8





#81
Benzo(a)anthracene
Concen: 45.647 ng
RT: 14.098 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

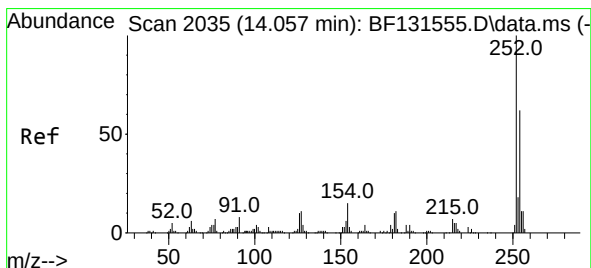
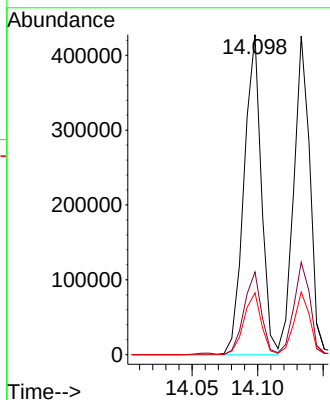
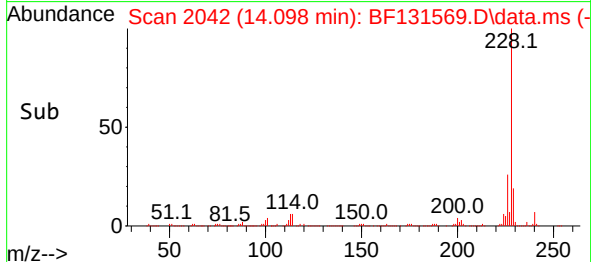
Instrument :
BNA_F
ClientSampleId :
PB149504BSD



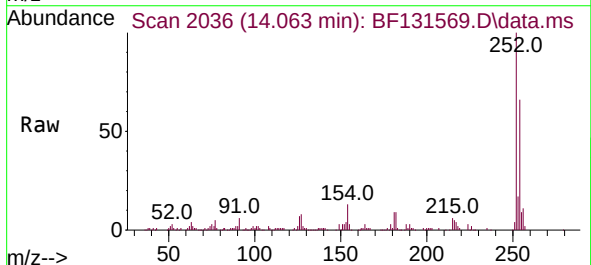
Tgt Ion:228 Resp: 391387
Ion Ratio Lower Upper
228 100
226 25.8 21.5 32.3
229 19.4 15.8 23.6

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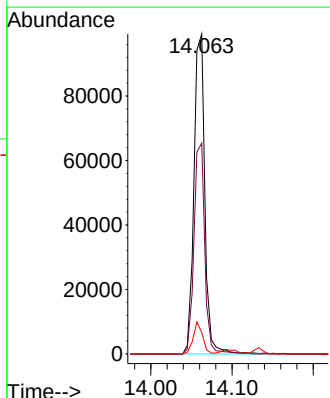
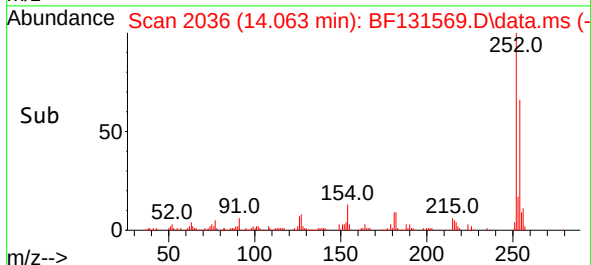
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

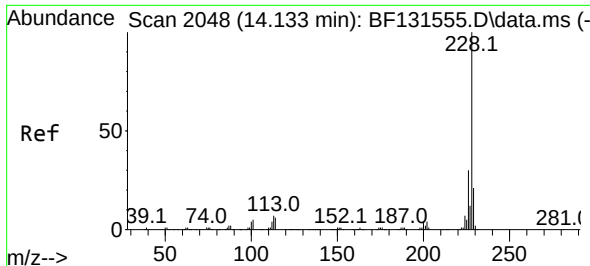


#82
3,3'-Dichlorobenzidine
Concen: 37.713 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28



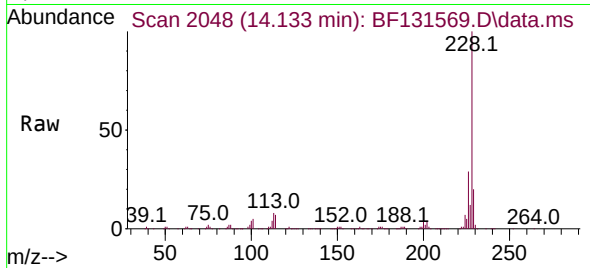
Tgt Ion:252 Resp: 91999
Ion Ratio Lower Upper
252 100
254 65.8 49.6 74.4
126 6.7 7.9 11.9#





#83
Chrysene
Concen: 44.819 ng
RT: 14.133 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

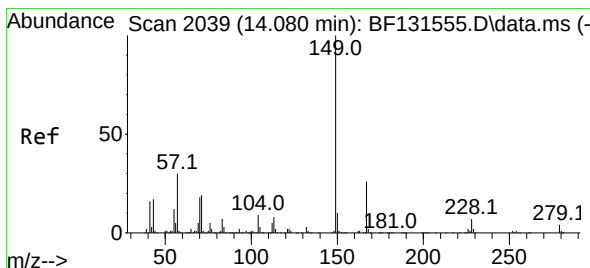
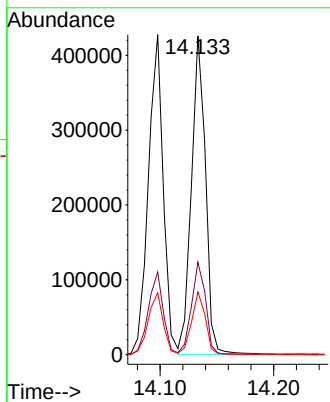
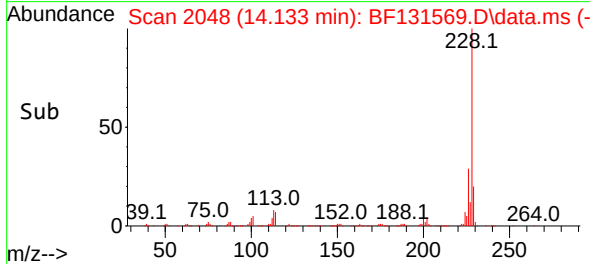
Instrument :
BNA_F
ClientSampleId :
PB149504BSD



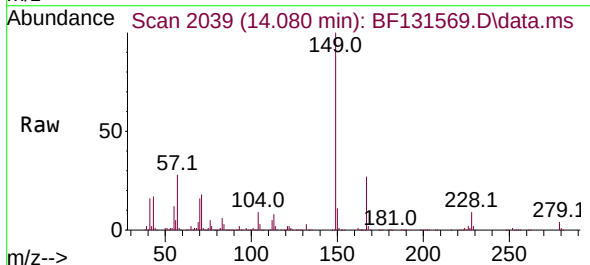
Tgt Ion:228 Resp: 365340
Ion Ratio Lower Upper
228 100
226 29.0 23.9 35.9
229 19.7 16.7 25.1

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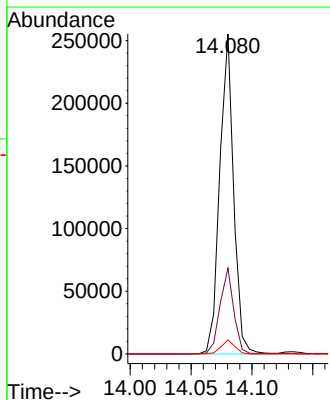
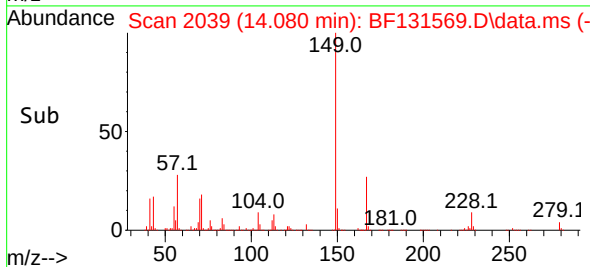
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

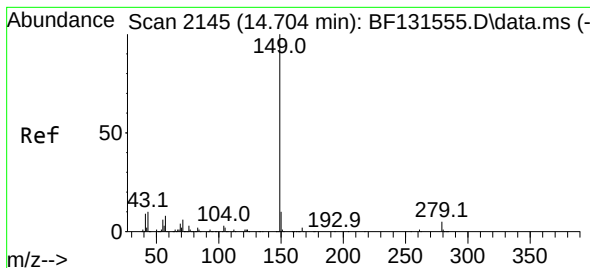


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.145 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28



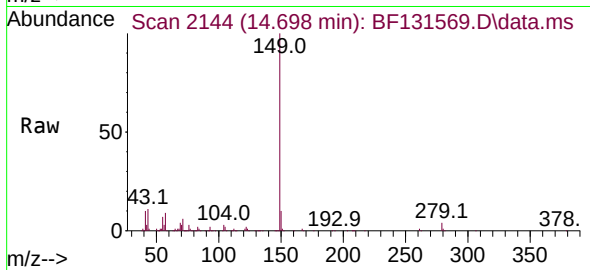
Tgt Ion:149 Resp: 202556
Ion Ratio Lower Upper
149 100
167 26.8 20.8 31.2
279 4.4 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 40.625 ng
RT: 14.698 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

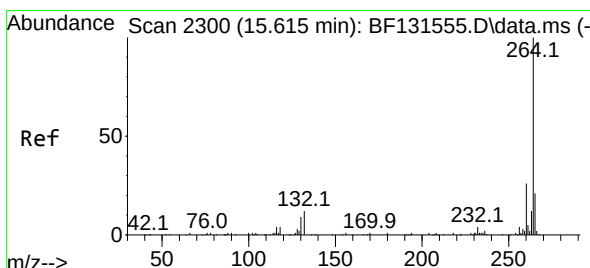
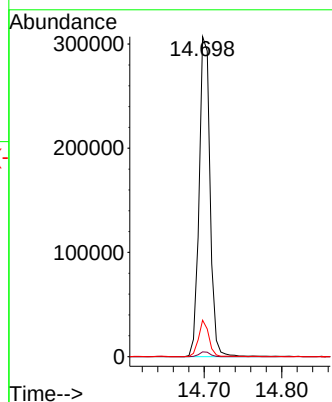
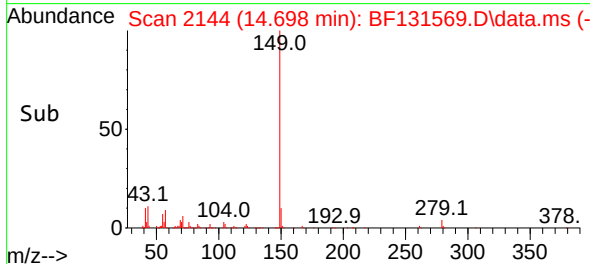
Instrument :
BNA_F
ClientSampleId :
PB149504BSD



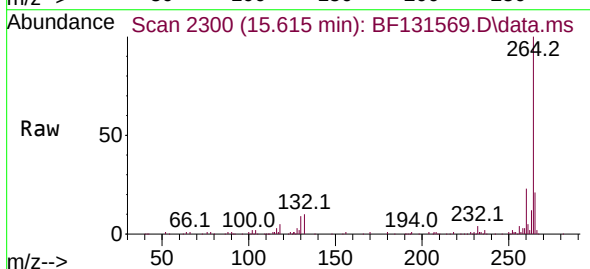
Tgt Ion:149 Resp: 300441
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.8 8.6 13.0

Manual Integrations
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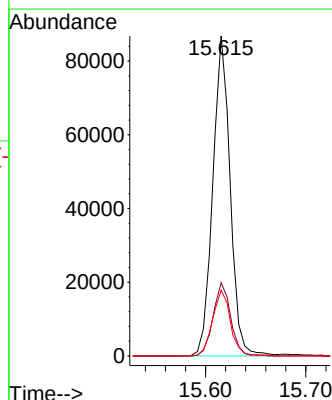
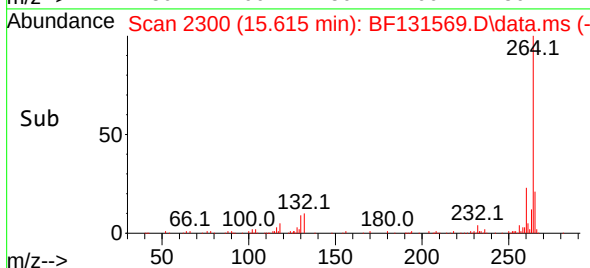
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

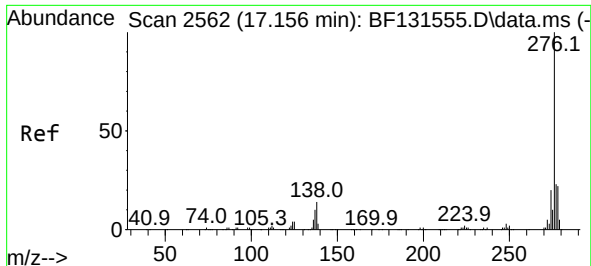


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2300
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28



Tgt Ion:264 Resp: 104614
Ion Ratio Lower Upper
264 100
260 22.9 20.6 30.8
265 20.5 16.8 25.2





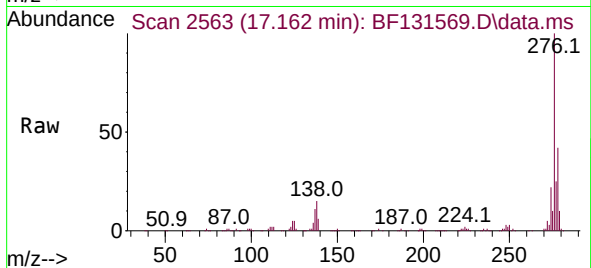
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.624 ng
RT: 17.162 min Scan# 2563
Delta R.T. 0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

Instrument :

BNA_F

ClientSampleId :

PB149504BSD

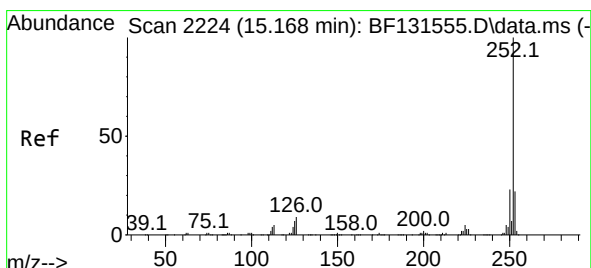
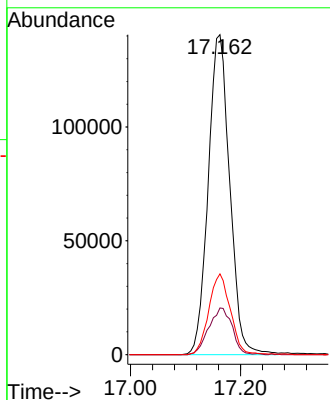
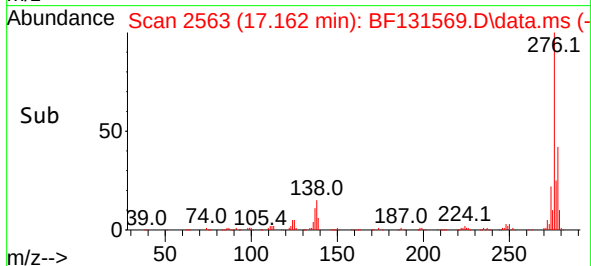


Tgt Ion:276 Resp: 380985
Ion Ratio Lower Upper
276 100
138 15.7 12.7 19.1
277 25.3 20.0 30.0

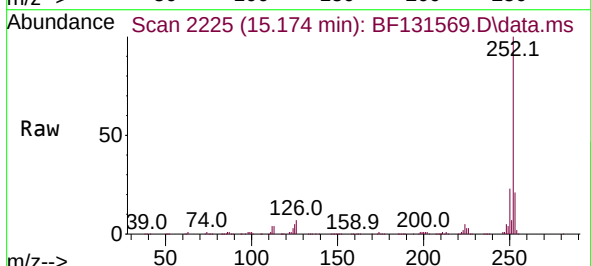
Manual Integrations

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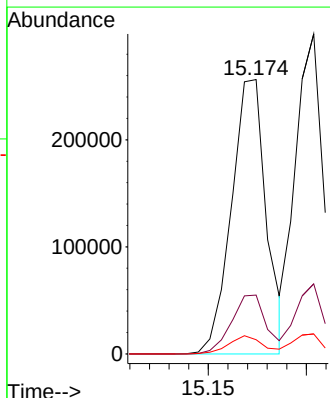
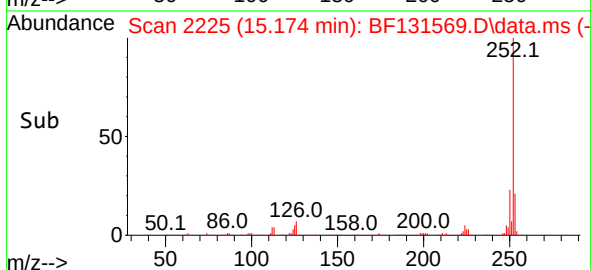
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

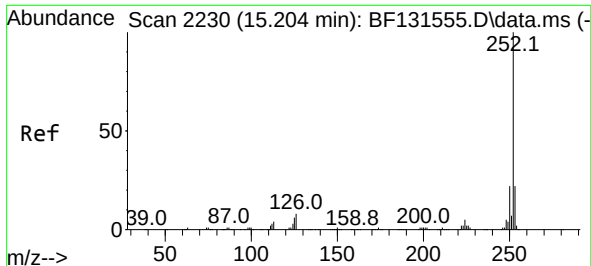


#88
Benzo(b)fluoranthene
Concen: 45.920 ng m
RT: 15.174 min Scan# 2225
Delta R.T. 0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28



Tgt Ion:252 Resp: 316614
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 5.2 5.6 8.4#





#89

Benzo(k)fluoranthene

Concen: 42.497 ng

RT: 15.204 min Scan# 2230

Delta R.T. 0.000 min

Lab File: BF131569.D

Acq: 09 Dec 2022 16:28

Instrument :

BNA_F

ClientSampleId :

PB149504BSD

Tgt Ion:252 Resp: 305838

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

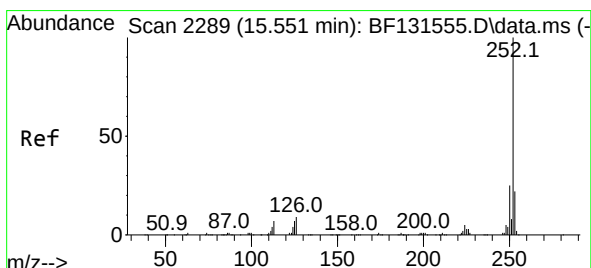
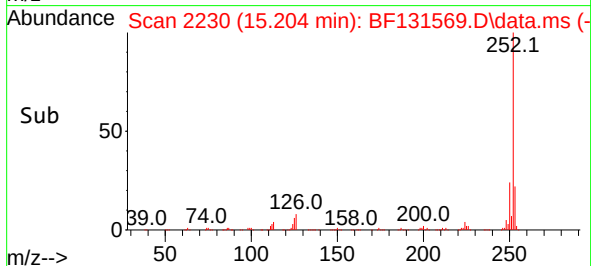
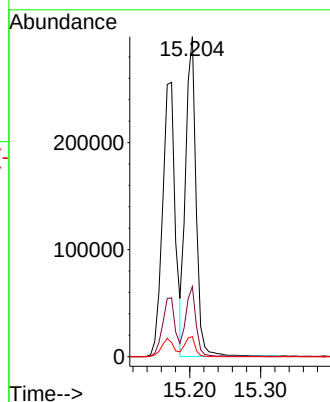
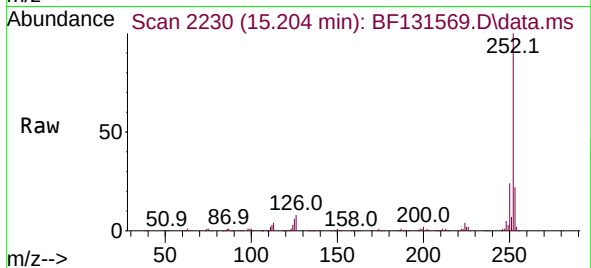
125 6.2 4.9 7.3

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Reviewed By :Christian Giraldo 12/10/2022

Supervised By :Jagrut Upadhyay 12/12/2022



#90

Benzo(a)pyrene

Concen: 47.029 ng

RT: 15.551 min Scan# 2289

Delta R.T. 0.000 min

Lab File: BF131569.D

Acq: 09 Dec 2022 16:28

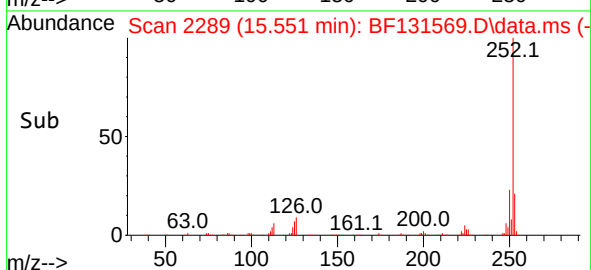
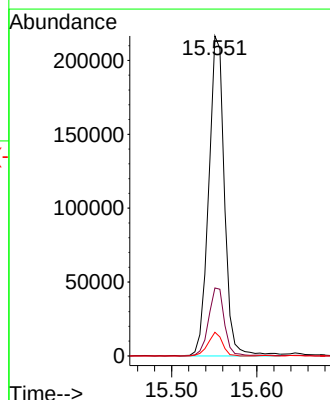
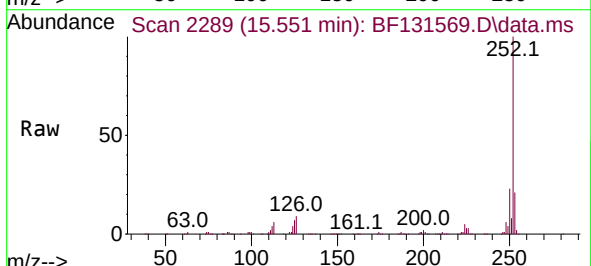
Tgt Ion:252 Resp: 276729

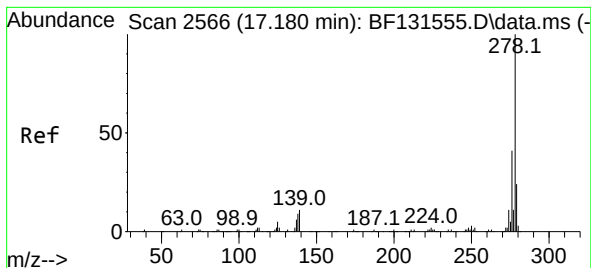
Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

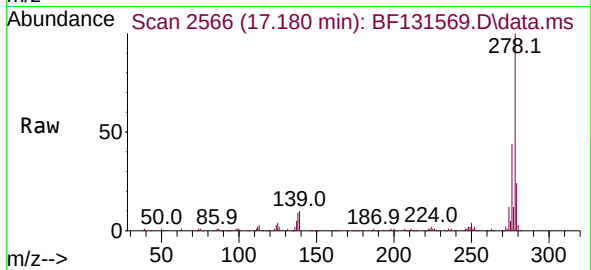
125 7.4 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 46.238 ng
RT: 17.180 min Scan# 2566
Delta R.T. 0.000 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28

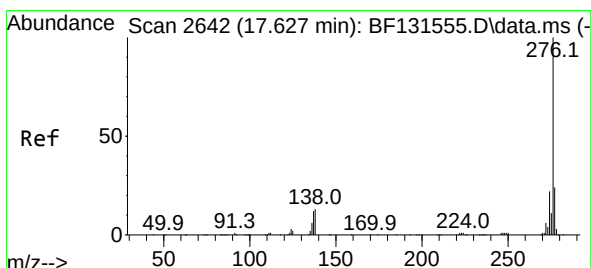
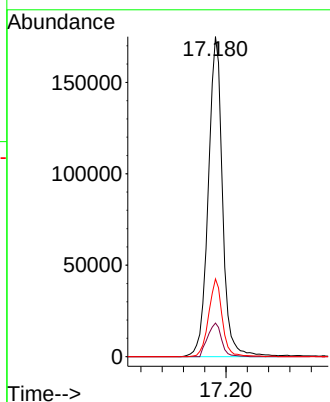
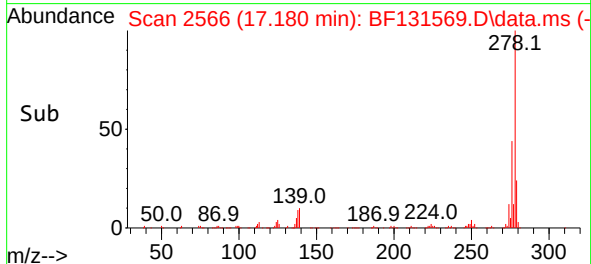
Instrument :
BNA_F
ClientSampleId :
PB149504BSD



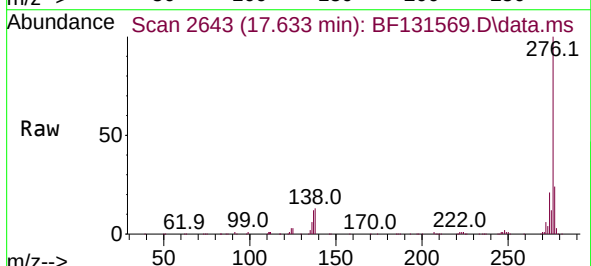
Tgt Ion:278 Resp: 324900
Ion Ratio Lower Upper
278 100
139 10.5 8.9 13.3
279 24.3 19.0 28.6

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Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#92
Benzo(g,h,i)perylene
Concen: 45.528 ng
RT: 17.633 min Scan# 2643
Delta R.T. 0.006 min
Lab File: BF131569.D
Acq: 09 Dec 2022 16:28



Tgt Ion:276 Resp: 321513
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 13.4 10.7 16.1

