

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131742.D
 Acq On : 21 Dec 2022 12:18
 Operator : CG\JU
 Sample : PB149732BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149732BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/22/2022
 Supervised By : Jagrut Upadhyay 12/22/2022

Quant Time: Dec 22 05:27:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	81203	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	306643	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	192847	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	375994	20.000	ng	0.00
76) Chrysene-d12	14.062	240	240739	20.000	ng	0.00
86) Perylene-d12	15.556	264	184596	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	685929	142.239	ng	0.01
7) Phenol-d6	6.504	99	883113	136.057	ng	0.00
23) Nitrobenzene-d5	7.439	82	615309	81.460	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	294139	139.351	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1094856	79.529	ng	0.00
79) Terphenyl-d14	13.004	244	1481558	95.915	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	82239	36.494	ng	98
3) Pyridine	3.410	79	212854	33.125	ng	99
4) n-Nitrosodimethylamine	3.381	42	124856	42.947	ng	97
6) Aniline	6.528	93	188164	23.482	ng	96
8) 2-Chlorophenol	6.651	128	231780	44.749	ng	98
9) Benzaldehyde	6.416	77	95510	23.286	ng	97
10) Phenol	6.516	94	327287	42.233	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	255432	46.060	ng	98
12) 1,3-Dichlorobenzene	6.804	146	256446	43.800	ng	99
13) 1,4-Dichlorobenzene	6.881	146	256063	42.786	ng	98
14) 1,2-Dichlorobenzene	7.034	146	245456	43.804	ng	100
15) Benzyl Alcohol	7.016	79	234662m	40.477	ng	
16) 2,2'-oxybis(1-Chloropr...	7.139	45	314945	44.539	ng	95
17) 2-Methylphenol	7.128	107	210262	43.001	ng	96
18) Hexachloroethane	7.381	117	105341	44.402	ng	94
19) n-Nitroso-di-n-propyla...	7.286	70	200855	42.907	ng	98
20) 3+4-Methylphenols	7.281	107	261317	41.524	ng	96
22) Acetophenone	7.281	105	380907	42.566	ng	# 93
24) Nitrobenzene	7.457	77	315593	41.098	ng	98
25) Isophorone	7.692	82	560026	43.657	ng	98
26) 2-Nitrophenol	7.775	139	126607	42.187	ng	94
27) 2,4-Dimethylphenol	7.810	122	213405	49.927	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	314103	46.111	ng	100
29) 2,4-Dichlorophenol	8.016	162	217953	42.238	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	246690	40.666	ng	97
31) Naphthalene	8.180	128	673695	40.228	ng	100
32) Benzoic acid	7.951	122	160426	46.888	ng	93
33) 4-Chloroaniline	8.228	127	88529	13.555	ng	99
34) Hexachlorobutadiene	8.292	225	166306	40.748	ng	99
35) Caprolactam	8.610	113	68929m	44.301	ng	
36) 4-Chloro-3-methylphenol	8.722	107	258514	43.856	ng	97
37) 2-Methylnaphthalene	8.875	142	470600	41.196	ng	98
38) 1-Methylnaphthalene	8.975	142	440082	39.777	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	266004	40.317	ng	98
41) Hexachlorocyclopentadiene	9.022	237	333870	111.692	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	167596	38.885	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	189107	40.530	ng	94
46) 1,1'-Biphenyl	9.339	154	593706	40.929	ng	99
47) 2-Chloronaphthalene	9.369	162	472727	39.798	ng	98
48) 2-Nitroaniline	9.469	65	172248	40.233	ng	98
49) Acenaphthylene	9.786	152	718458	40.327	ng	100
50) Dimethylphthalate	9.645	163	596816	41.129	ng	99
51) 2,6-Dinitrotoluene	9.710	165	130170	41.719	ng	98
52) Acenaphthene	9.957	154	437878	40.122	ng	98
53) 3-Nitroaniline	9.880	138	72413	22.682	ng	94
54) 2,4-Dinitrophenol	9.992	184	170765	91.340	ng	99
55) Dibenzofuran	10.127	168	671797	40.142	ng	99
56) 4-Nitrophenol	10.051	139	178249	78.008	ng	97
57) 2,4-Dinitrotoluene	10.116	165	181108	43.196	ng	97
58) Fluorene	10.474	166	547965	40.498	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	152299m	39.099	ng	
60) Diethylphthalate	10.345	149	590810	42.255	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	296380	41.212	ng	99
62) 4-Nitroaniline	10.504	138	123455	38.422	ng	97
63) Azobenzene	10.621	77	627213	40.850	ng	95
65) 4,6-Dinitro-2-methylph...	10.527	198	109796	42.533	ng	84
66) n-Nitrosodiphenylamine	10.586	169	470805	40.378	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	184733	41.599	ng	97
68) Hexachlorobenzene	11.016	284	203759	41.720	ng	98
69) Atrazine	11.110	200	115288	29.662	ng	98
70) Pentachlorophenol	11.216	266	227729	87.852	ng	97
71) Phenanthrene	11.439	178	823454	40.164	ng	98
72) Anthracene	11.492	178	839101	41.799	ng	99
73) Carbazole	11.651	167	718705	41.381	ng	100
74) Di-n-butylphthalate	11.974	149	942633	43.587	ng	100
75) Fluoranthene	12.633	202	931178	40.781	ng	99
77) Benzidine	12.757	184	56630	12.829	ng	97
78) Pyrene	12.863	202	930063	42.492	ng	99
80) Butylbenzylphthalate	13.480	149	337440	43.711	ng	99
81) Benzo(a)anthracene	14.057	228	699050	40.318	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	160425	33.141	ng	97
83) Chrysene	14.092	228	642067	39.235	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	420963	45.731	ng	100
85) Di-n-octyl phthalate	14.657	149	584294	45.472	ng	100
87) Indeno(1,2,3-cd)pyrene	17.068	276	607441	48.991	ng	99
88) Benzo(b)fluoranthene	15.115	252	549568	42.081	ng	100
89) Benzo(k)fluoranthene	15.151	252	531763	41.727	ng	99
90) Benzo(a)pyrene	15.498	252	469429	45.378	ng	98
91) Dibenzo(a,h)anthracene	17.092	278	528392	51.568	ng	99
92) Benzo(g,h,i)perylene	17.533	276	506598	50.021	ng	99

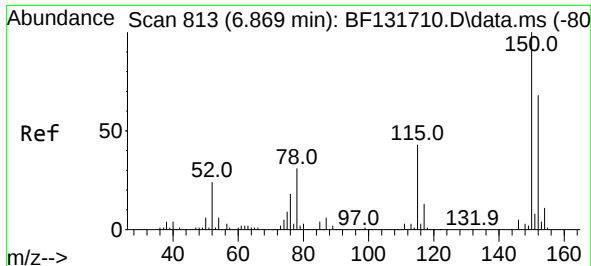
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Manual Integrations

Reviewed By :Christian Giraldo	12/22/2022
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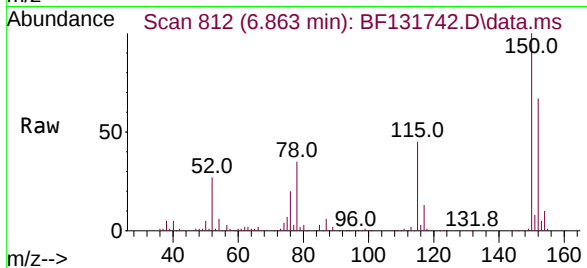
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

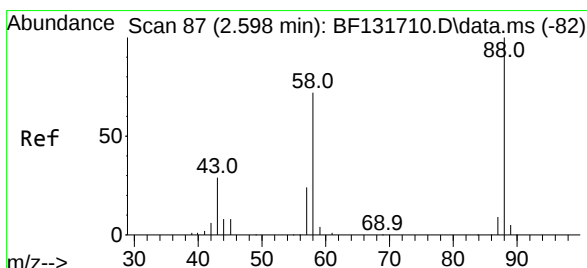
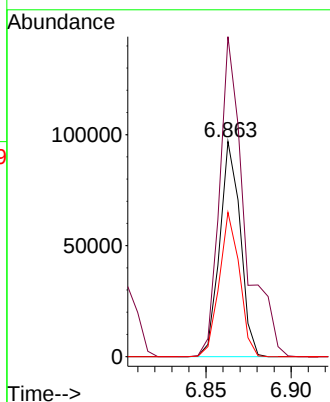
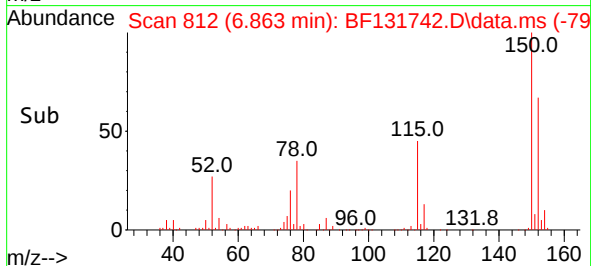
Instrument :
BNA_F
ClientSampleId :
PB149732BSD



Tgt Ion:152 Resp: 81203
Ion Ratio Lower Upper
152 100
150 148.8 117.4 176.0
115 67.1 50.2 75.4

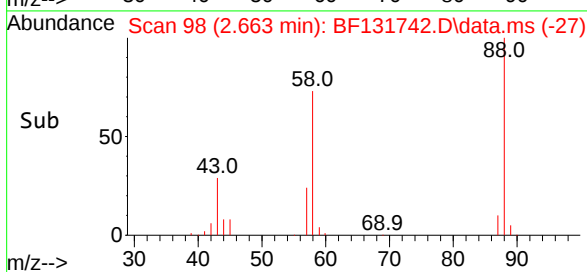
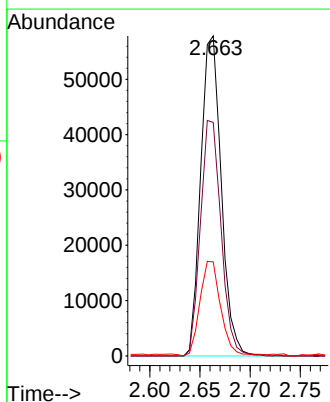
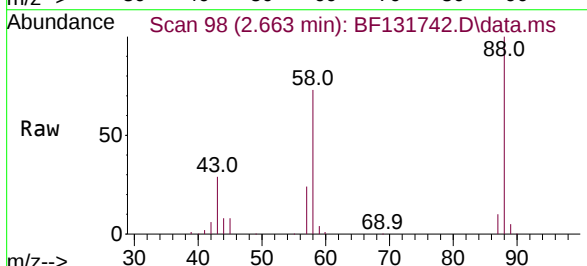
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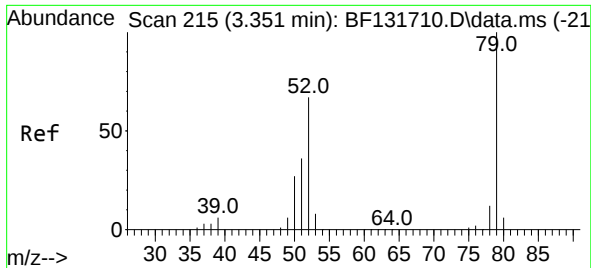
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#2
1,4-Dioxane
Concen: 36.494 ng
RT: 2.663 min Scan# 98
Delta R.T. 0.065 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

Tgt Ion: 88 Resp: 82239
Ion Ratio Lower Upper
88 100
58 73.6 57.5 86.3
43 30.0 23.3 34.9





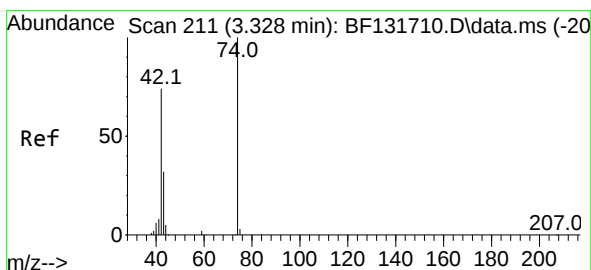
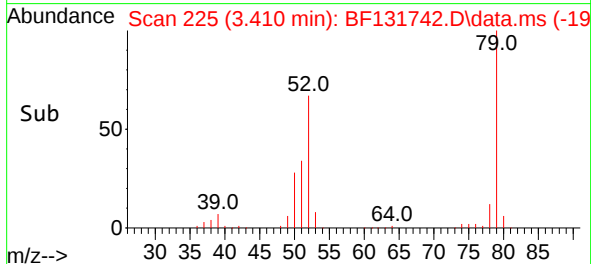
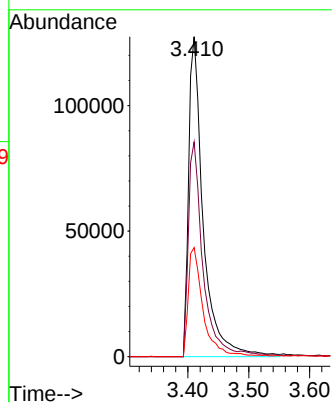
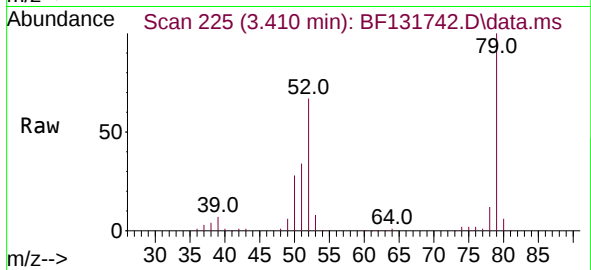
#3
Pyridine
Concen: 33.125 ng
RT: 3.410 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB149732BSD

Tgt Ion: 79 Resp: 212854
Ion Ratio Lower Upper
79 100
52 67.1 53.7 80.5
51 34.1 28.6 42.8

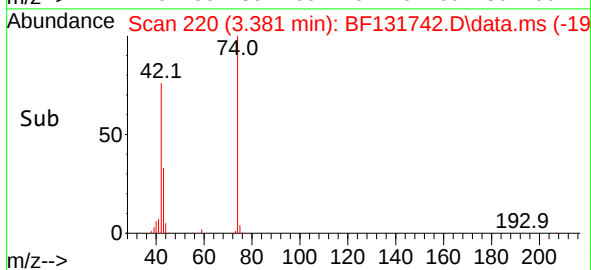
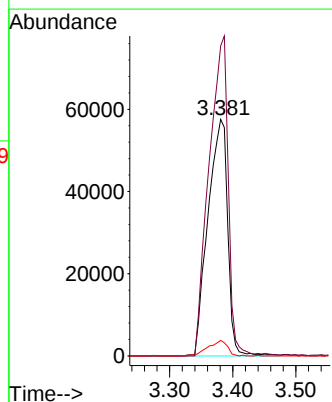
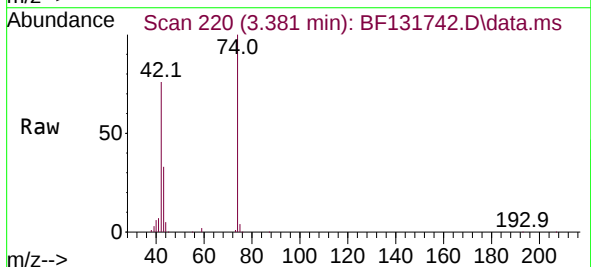
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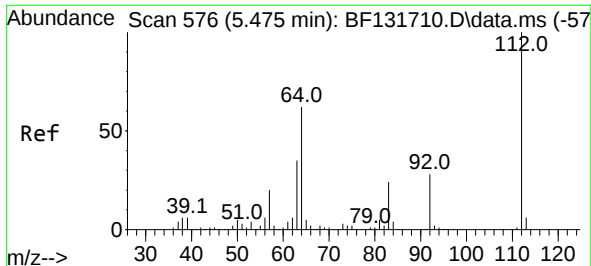
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#4
n-Nitrosodimethylamine
Concen: 42.947 ng
RT: 3.381 min Scan# 220
Delta R.T. 0.053 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

Tgt Ion: 42 Resp: 124856
Ion Ratio Lower Upper
42 100
74 131.0 107.8 161.8
44 6.5 5.5 8.3





#5
2-Fluorophenol
Concen: 142.239 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

Instrument :

BNA_F

ClientSampleId :

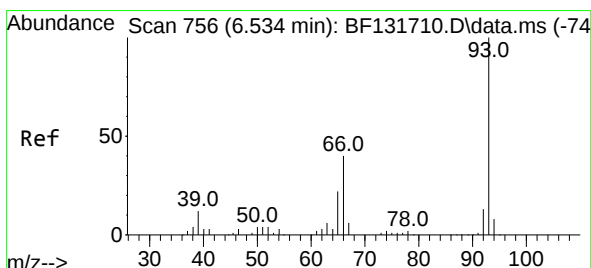
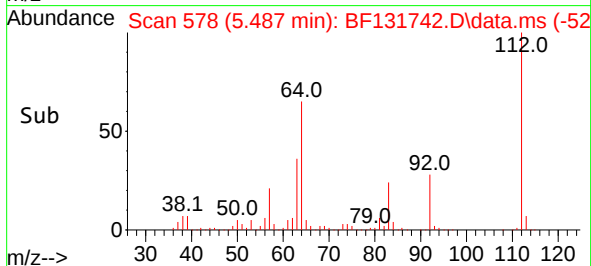
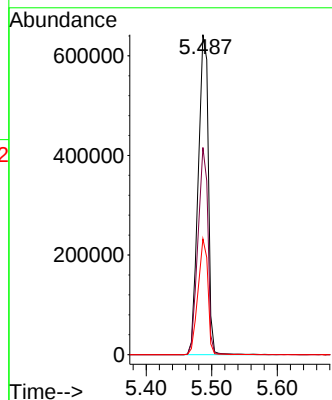
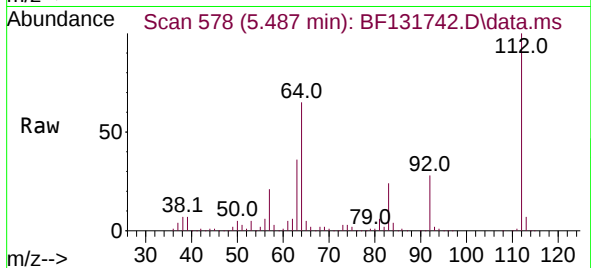
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Tgt Ion:112 Resp: 685929
Ion Ratio Lower Upper
112 100
64 64.7 49.5 74.3
63 36.2 28.2 42.2

Manual Integrations

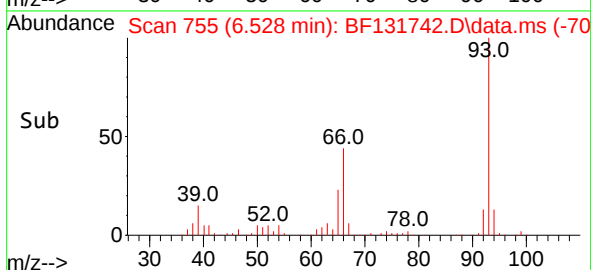
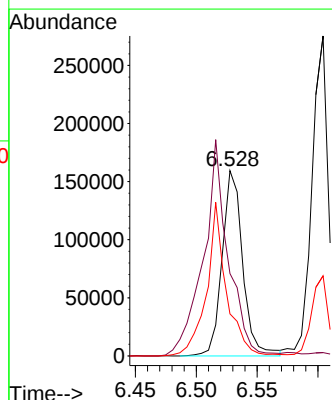
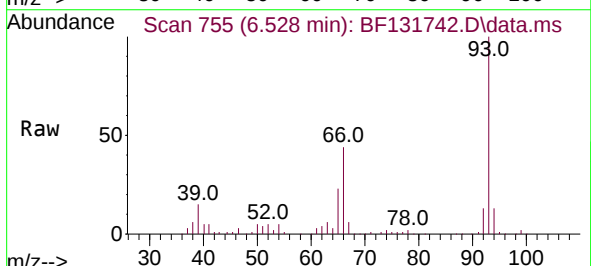
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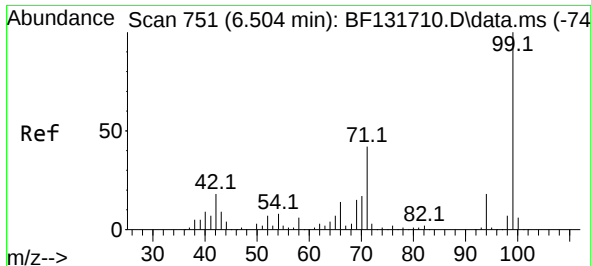
Reviewed By :Christian Giraldo 12/22/2022
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#6
Aniline
Concen: 23.482 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF131742.D
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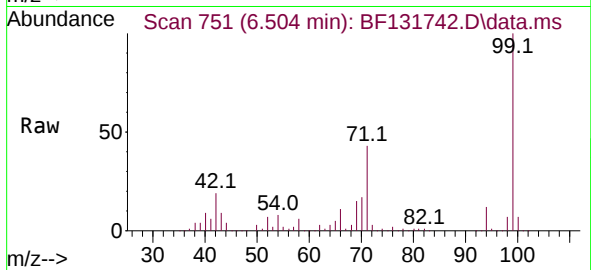
Tgt Ion: 93 Resp: 188164
Ion Ratio Lower Upper
93 100
66 44.4 32.8 49.2
65 22.7 17.4 26.2





#7
Phenol-d6
Concen: 136.057 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

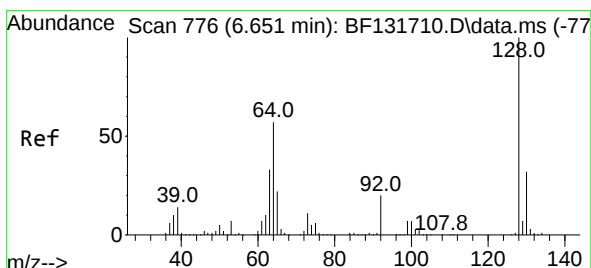
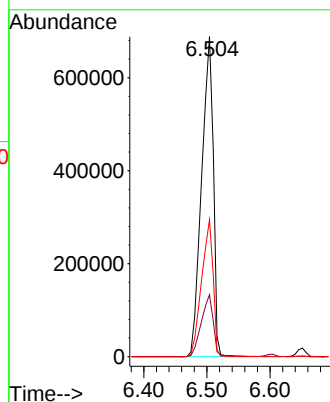
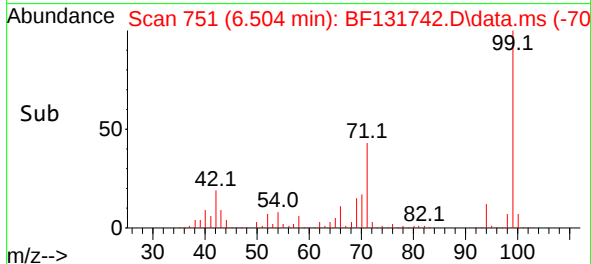
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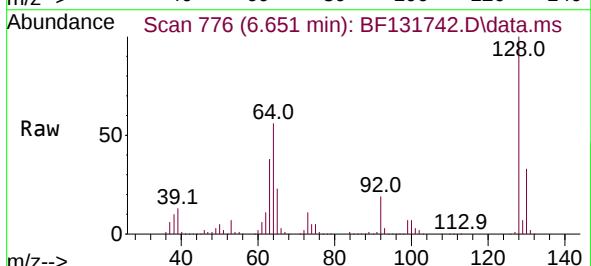
Tgt Ion: 99 Resp: 883113
Ion Ratio Lower Upper
99 100
42 19.3 14.8 22.2
71 42.8 33.8 50.6

Manual Integrations
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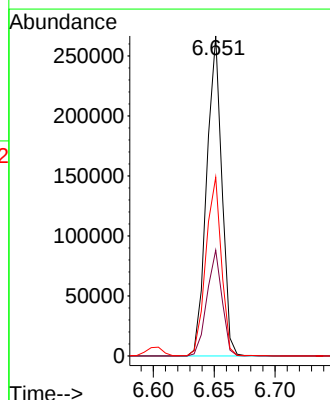
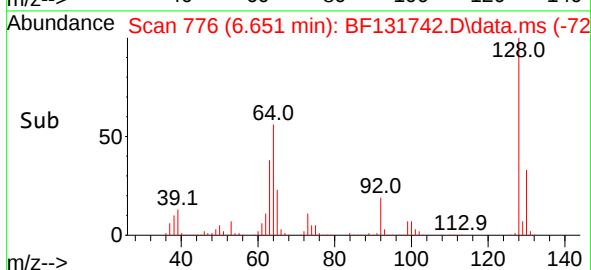
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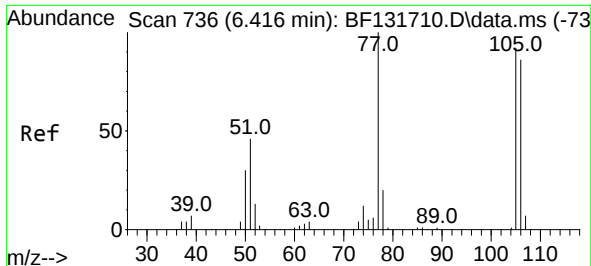


#8
2-Chlorophenol
Concen: 44.749 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18



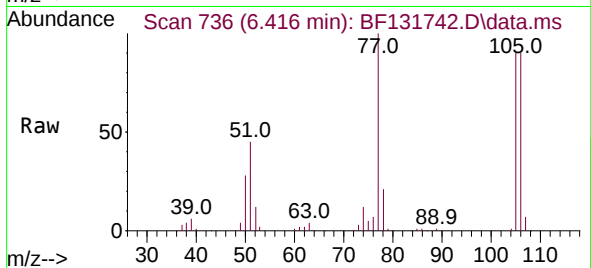
Tgt Ion:128 Resp: 231780
Ion Ratio Lower Upper
128 100
130 33.0 12.0 52.0
64 55.8 37.7 77.7





#9
Benzaldehyde
Concen: 23.286 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

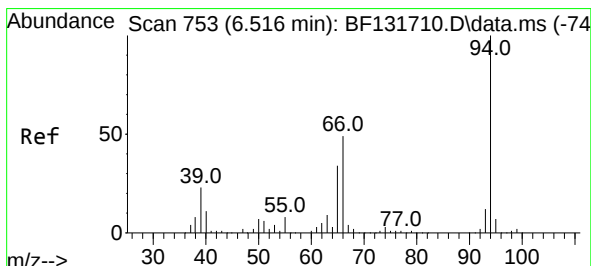
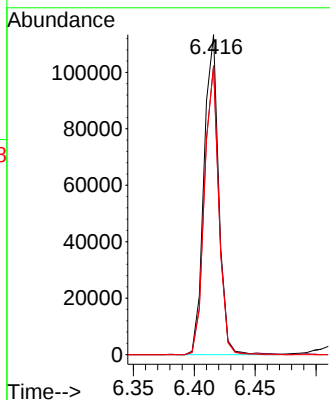
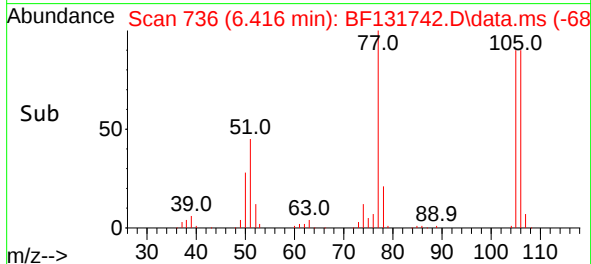
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Tgt Ion: 77	Resp: 95510
Ion Ratio	Lower Upper
77	100
105	90.2 72.4 112.4
106	90.3 66.5 106.5

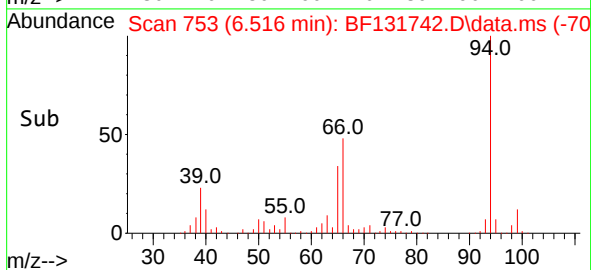
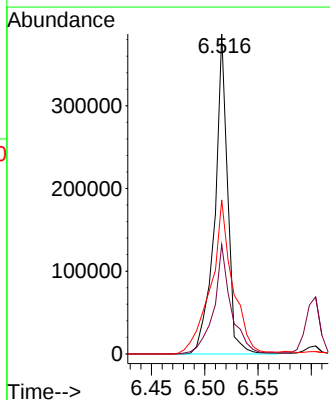
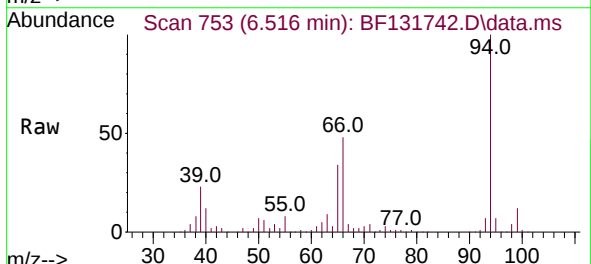
Manual Integrations
APPROVED

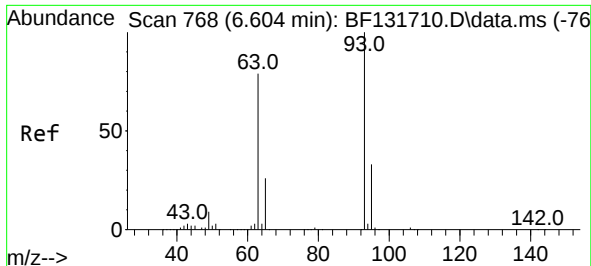
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#10
Phenol
Concen: 42.233 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

Tgt Ion: 94	Resp: 327287
Ion Ratio	Lower Upper
94	100
65	34.2 14.0 54.0
66	48.1 28.8 68.8





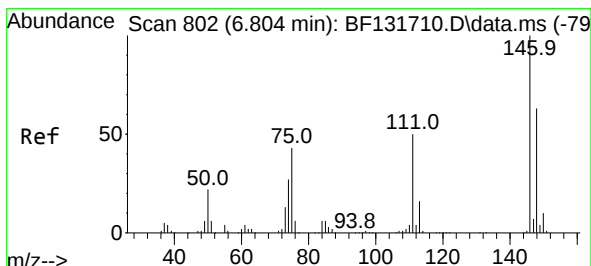
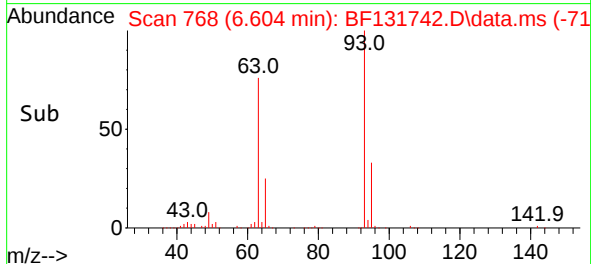
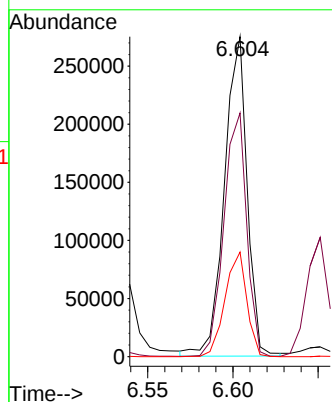
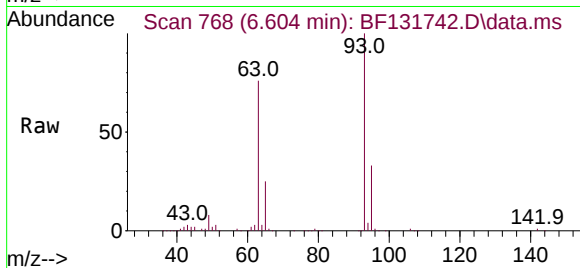
#11
bis(2-Chloroethyl)ether
Concen: 46.060 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB149732BSD

Tgt Ion: 93 Resp: 255432
Ion Ratio Lower Upper
93 100
63 76.1 59.0 99.0
95 32.7 12.6 52.6

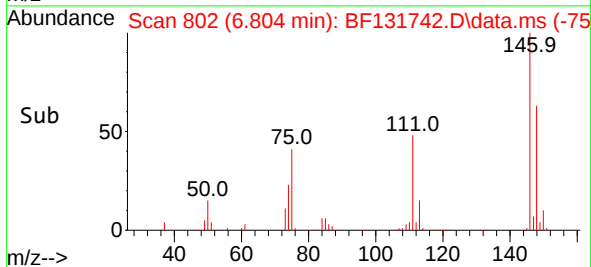
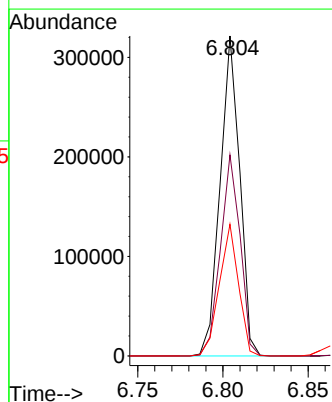
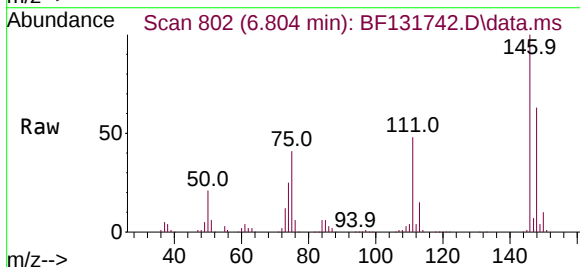
Manual Integrations
APPROVED

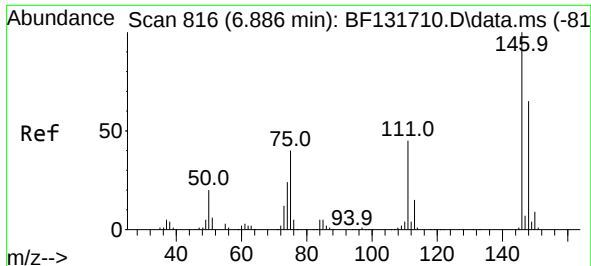
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#12
1,3-Dichlorobenzene
Concen: 43.800 ng
RT: 6.804 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

Tgt Ion:146 Resp: 256446
Ion Ratio Lower Upper
146 100
148 62.8 50.6 76.0
75 41.1 34.3 51.5





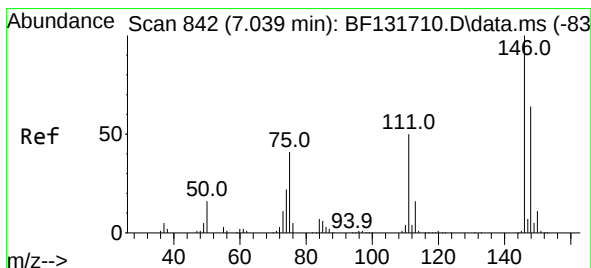
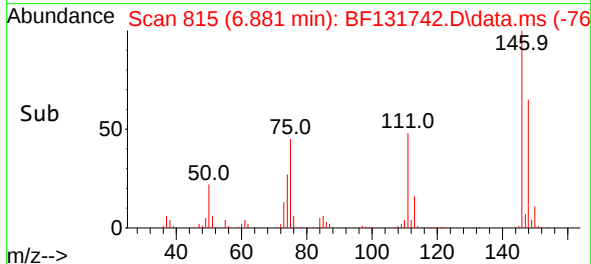
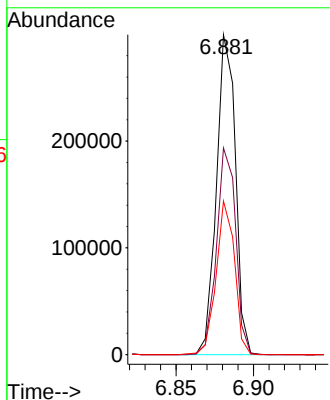
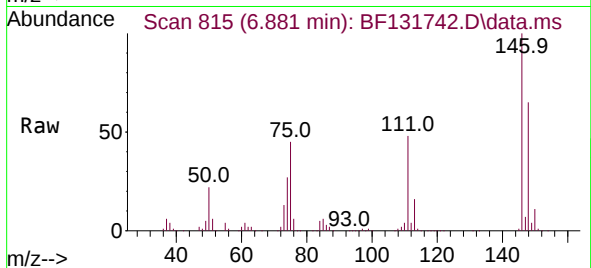
#13
1,4-Dichlorobenzene
Concen: 42.786 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB149732BSD

Tgt Ion:146 Resp: 256063
Ion Ratio Lower Upper
146 100
148 64.6 52.2 78.4
111 48.0 36.4 54.6

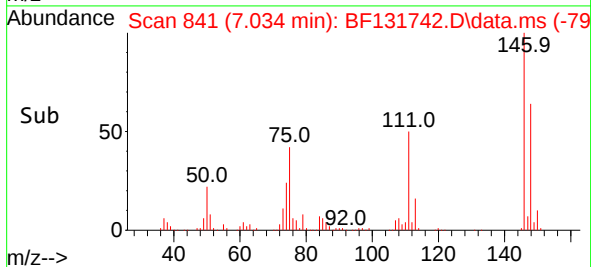
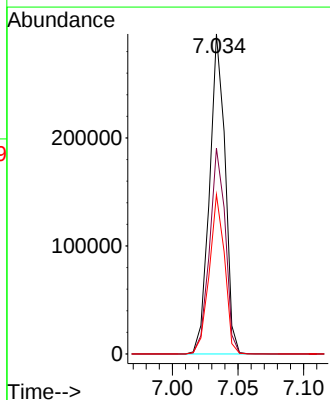
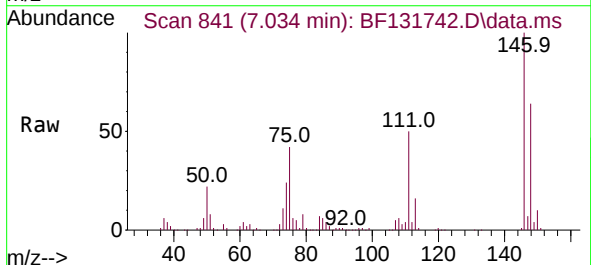
Manual Integrations
APPROVED

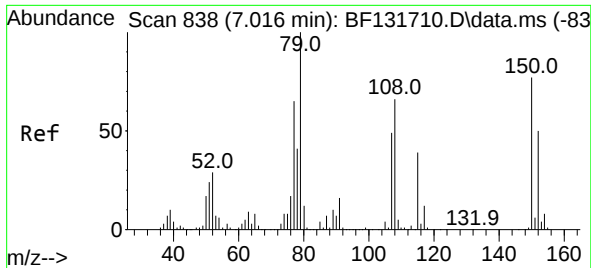
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#14
1,2-Dichlorobenzene
Concen: 43.804 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

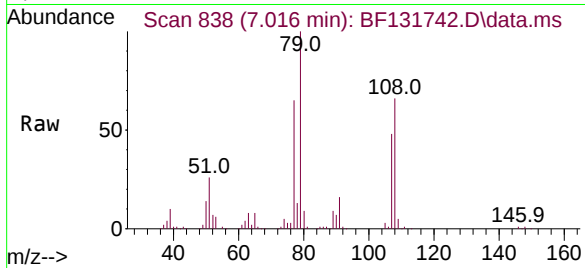
Tgt Ion:146 Resp: 245456
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.0
111 49.8 39.8 59.6





#15
Benzyl Alcohol
Concen: 40.477 ng m
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

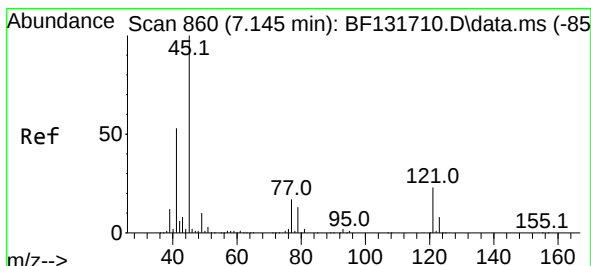
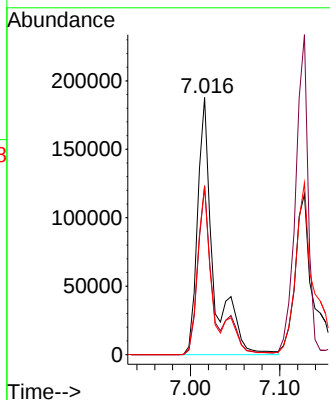
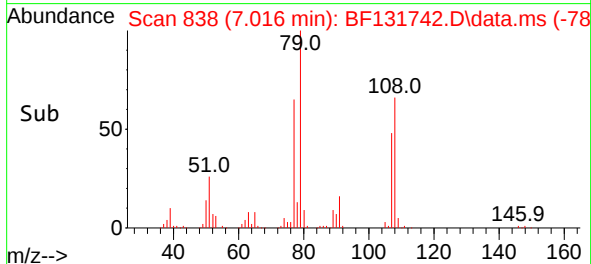
Instrument :
BNA_F
ClientSampleId :
PB149732BSD



Tgt Ion: 79 Resp: 234662
Ion Ratio Lower Upper
79 100
108 65.7 52.6 78.8
77 65.4 51.7 77.5

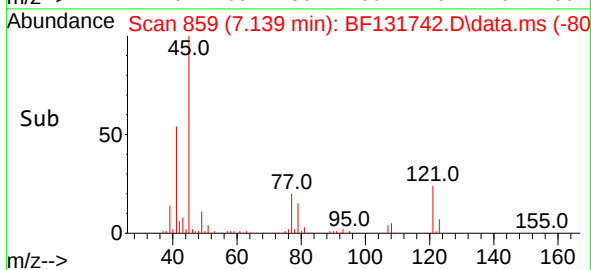
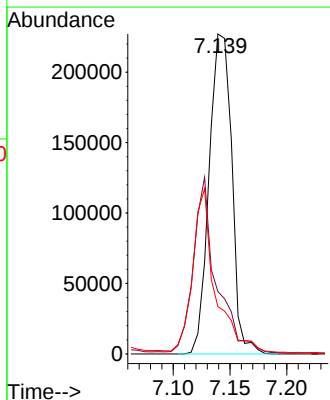
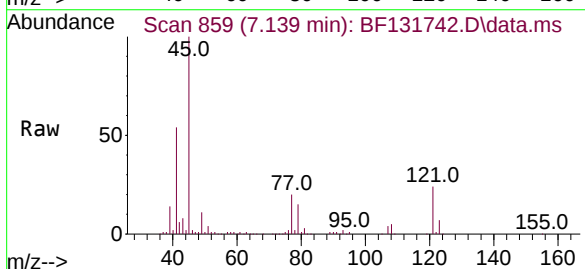
Manual Integrations
APPROVED

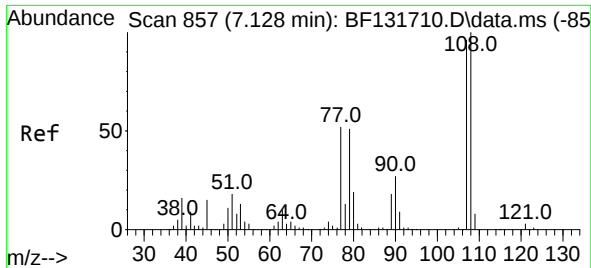
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.539 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

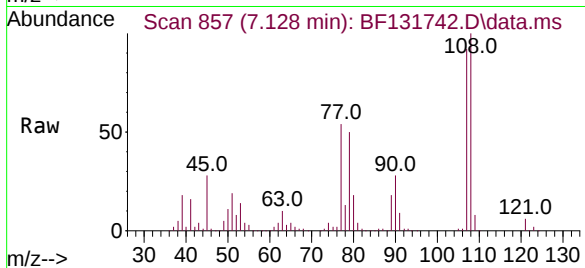
Tgt Ion: 45 Resp: 314945
Ion Ratio Lower Upper
45 100
77 19.5 0.0 36.8
79 14.8 0.0 33.1





#17
2-Methylphenol
Concen: 43.001 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

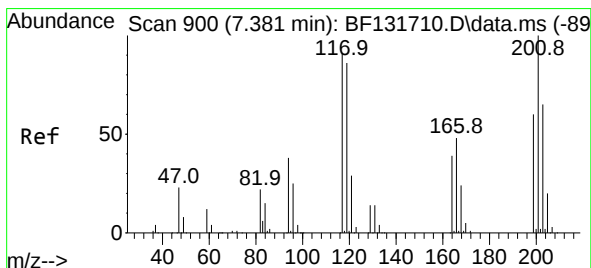
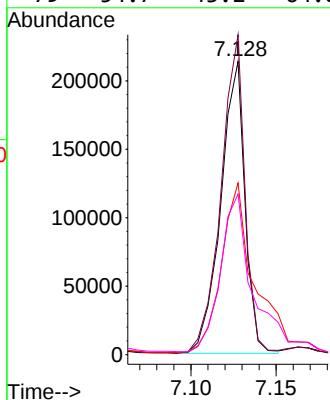
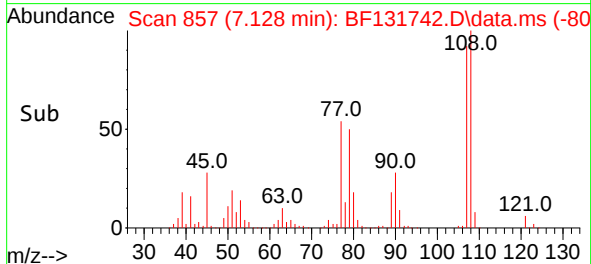
Instrument :
BNA_F
ClientSampleId :
PB149732BSD



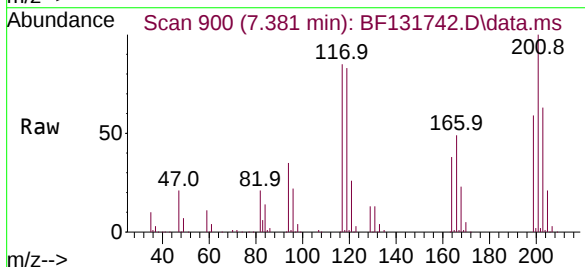
Tgt Ion:107 Resp: 210262
Ion Ratio Lower Upper
107 100
108 109.1 83.8 125.6
77 58.5 43.8 65.8
79 54.7 43.2 64.8

Manual Integrations
APPROVED

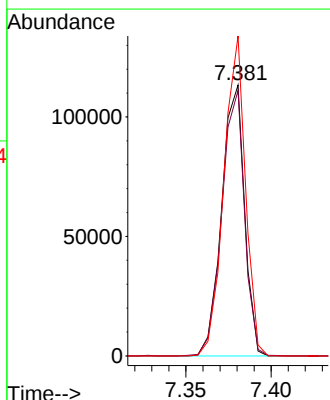
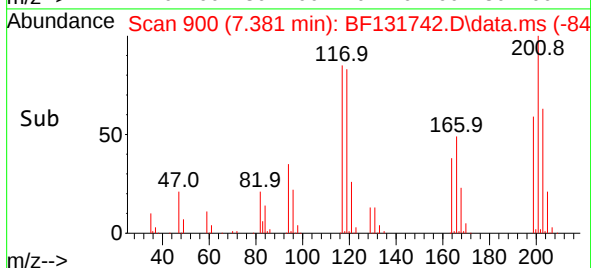
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

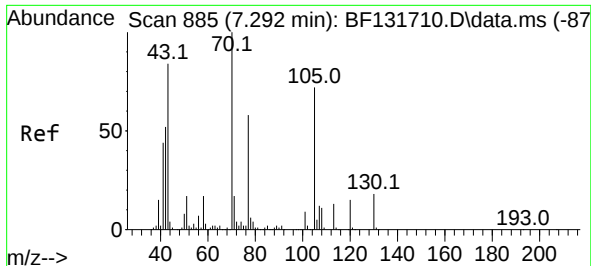


#18
Hexachloroethane
Concen: 44.402 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18



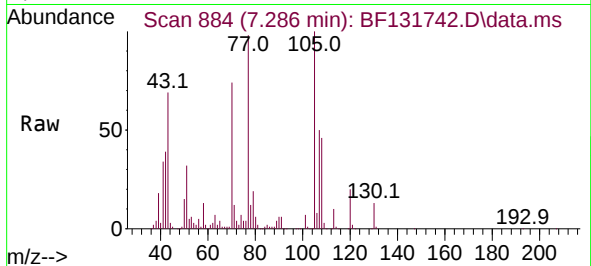
Tgt Ion:117 Resp: 105341
Ion Ratio Lower Upper
117 100
119 98.0 75.8 113.8
201 118.2 88.2 132.4





#19
n-Nitroso-di-n-propylamine
Concen: 42.907 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

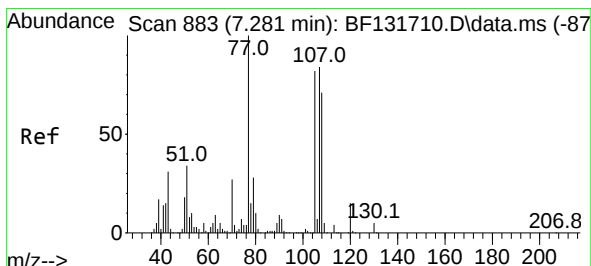
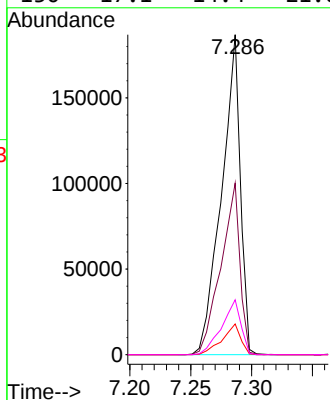
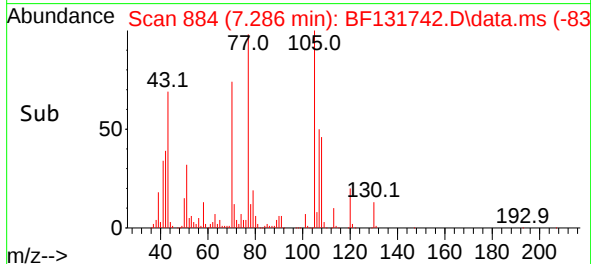
Instrument :
BNA_F
ClientSampleId :
PB149732BSD



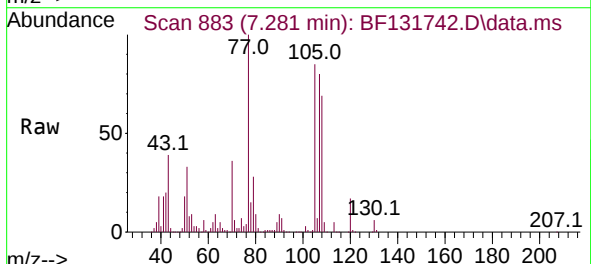
Tgt Ion: 70 Resp: 20085
Ion Ratio Lower Upper
70 100
42 53.6 41.5 62.3
101 9.6 7.3 10.9
130 17.1 14.4 21.6

Manual Integrations
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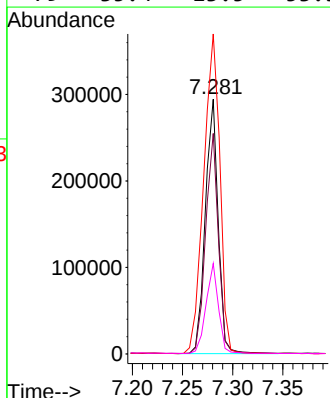
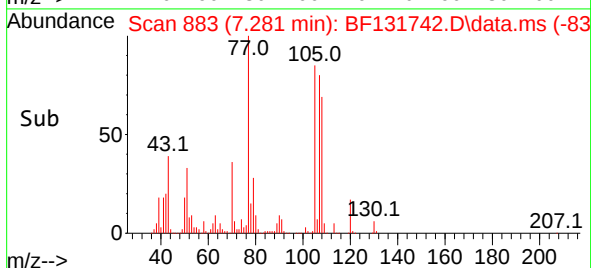
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

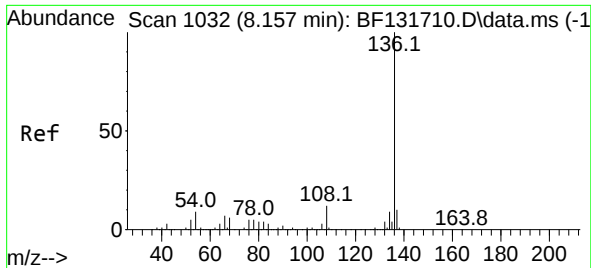


#20
3+4-Methylphenols
Concen: 41.524 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18



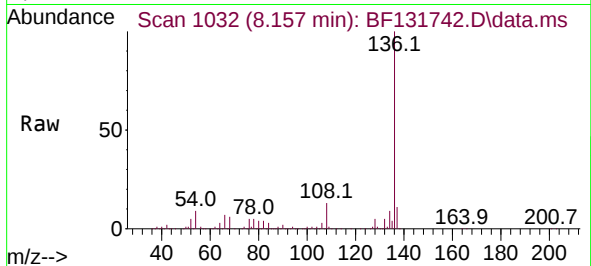
Tgt Ion:107 Resp: 261317
Ion Ratio Lower Upper
107 100
108 86.5 65.2 105.2
77 125.6 99.6 139.6
79 35.4 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

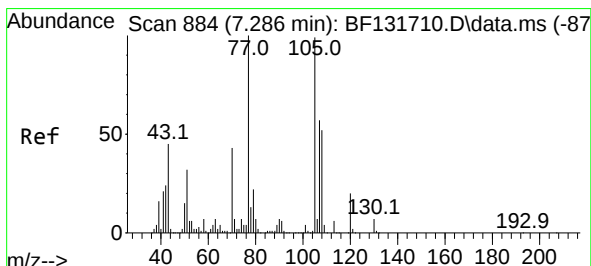
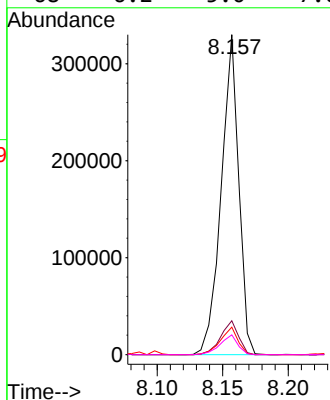
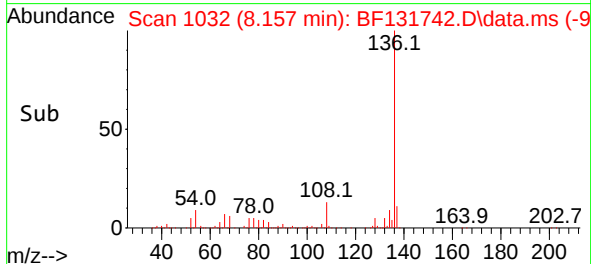
Instrument :
BNA_F
ClientSampleId :
PB149732BSD



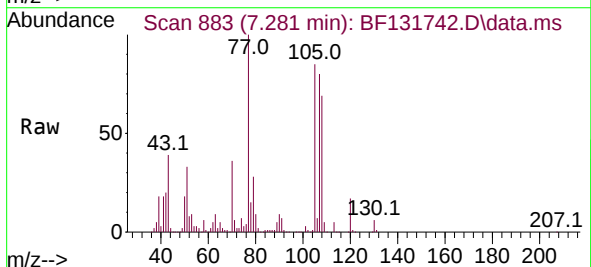
Tgt Ion:136 Resp: 306643
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 8.6 7.2 10.8
68 6.2 5.0 7.6

Manual Integrations
APPROVED

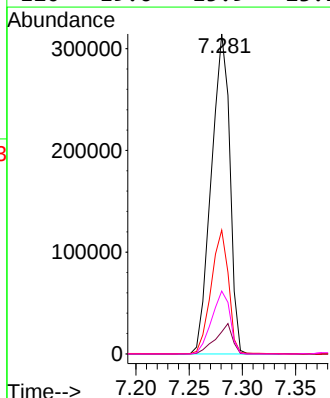
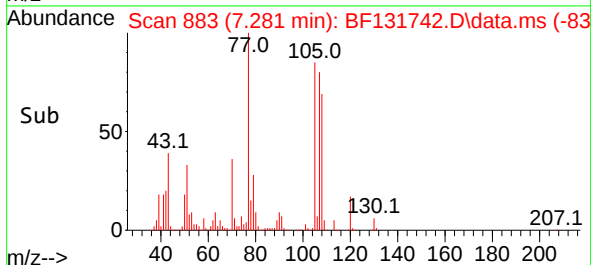
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

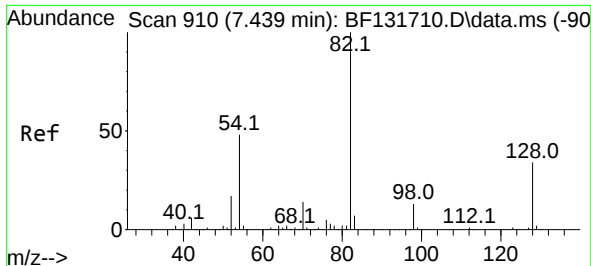


#22
Acetophenone
Concen: 42.566 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18



Tgt Ion:105 Resp: 380907
Ion Ratio Lower Upper
105 100
71 6.9 5.5 8.3
51 38.7 25.5 38.3#
120 19.6 15.9 23.9





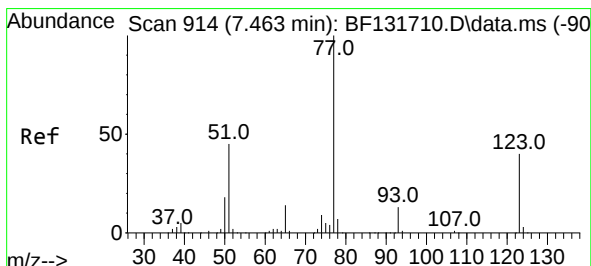
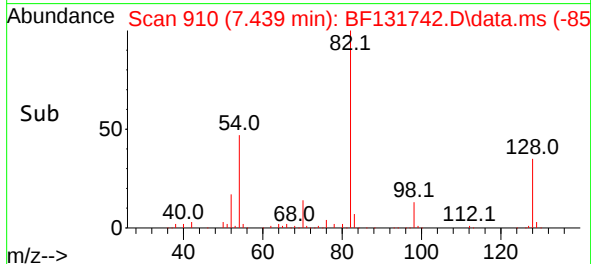
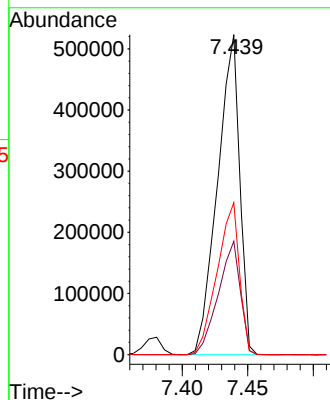
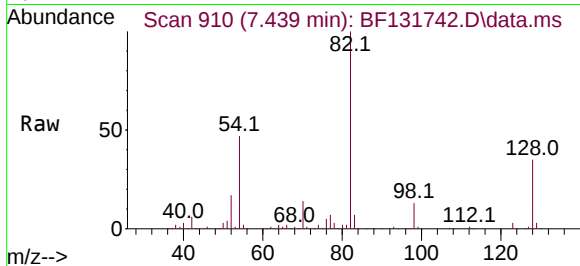
#23
Nitrobenzene-d5
Concen: 81.460 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB149732BSD

Tgt Ion: 82 Resp: 615309
Ion Ratio Lower Upper
82 100
128 35.4 27.3 40.9
54 47.5 38.2 57.2

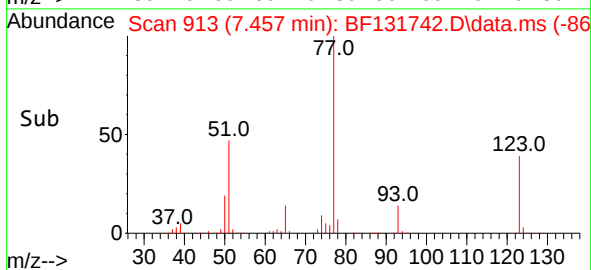
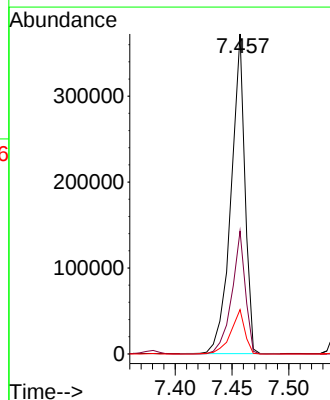
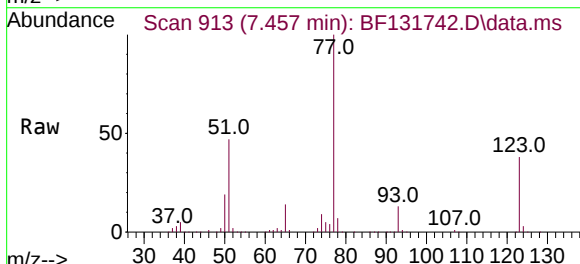
Manual Integrations
APPROVED

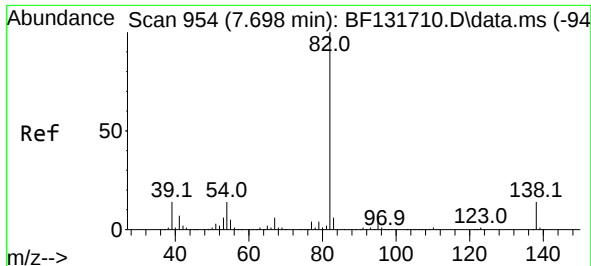
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#24
Nitrobenzene
Concen: 41.098 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

Tgt Ion: 77 Resp: 315593
Ion Ratio Lower Upper
77 100
123 38.4 31.8 47.6
65 13.8 10.9 16.3





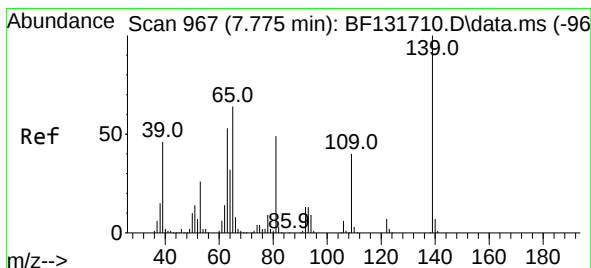
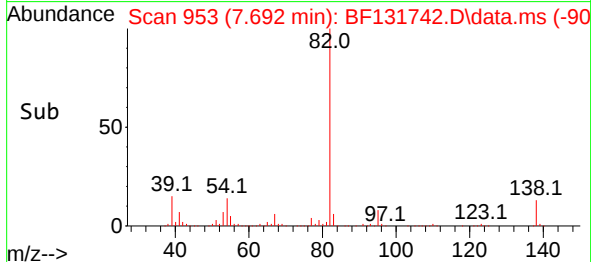
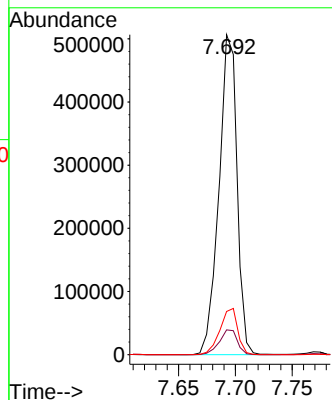
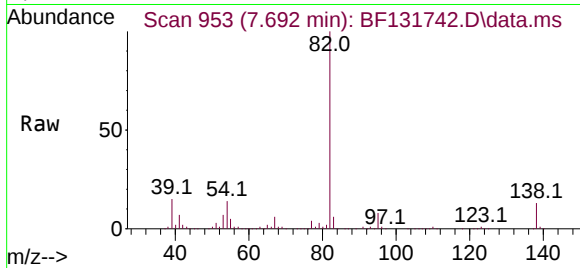
#25
Isophorone
Concen: 43.657 ng
RT: 7.692 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB149732BSD

Tgt Ion: 82 Resp: 560026
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.6
138 13.5 11.6 17.4

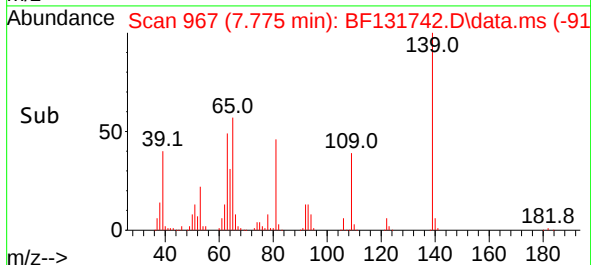
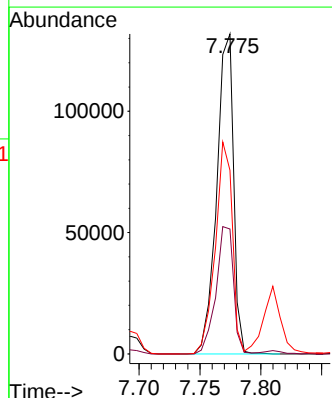
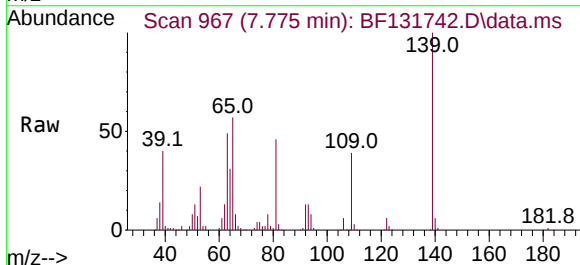
Manual Integrations
APPROVED

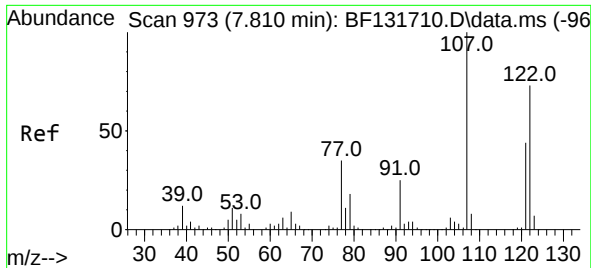
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#26
2-Nitrophenol
Concen: 42.187 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

Tgt Ion:139 Resp: 126607
Ion Ratio Lower Upper
139 100
109 39.1 31.8 47.6
65 57.4 51.4 77.0





#27

2,4-Dimethylphenol

Concen: 49.927 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131742.D

Acq: 21 Dec 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB149732BSD

Tgt Ion:122 Resp: 213405

Ion Ratio Lower Upper

122 100

107 135.2 110.1 165.1

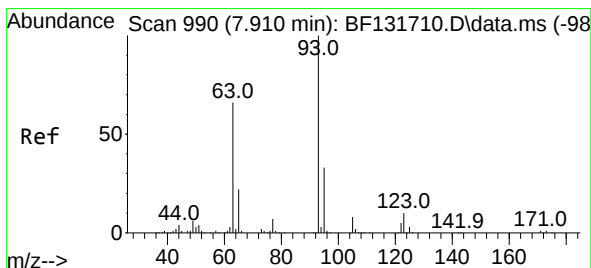
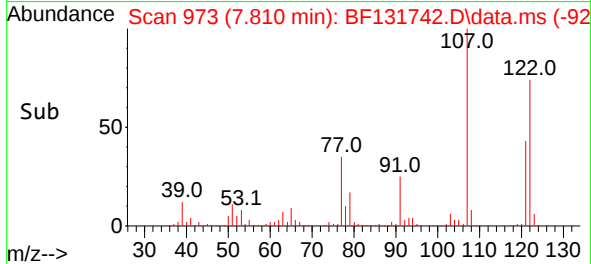
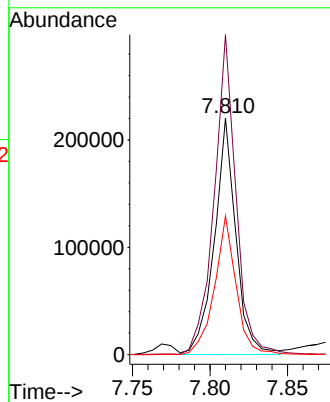
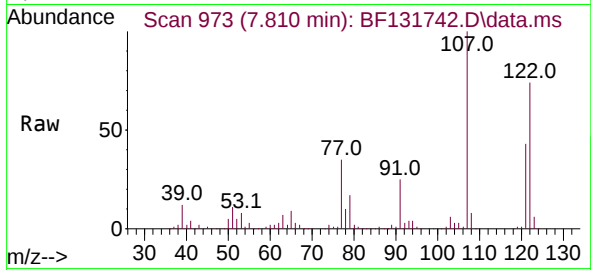
121 58.6 47.9 71.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#28

bis(2-Chloroethoxy)methane

Concen: 46.111 ng

RT: 7.904 min Scan# 989

Delta R.T. -0.006 min

Lab File: BF131742.D

Acq: 21 Dec 2022 12:18

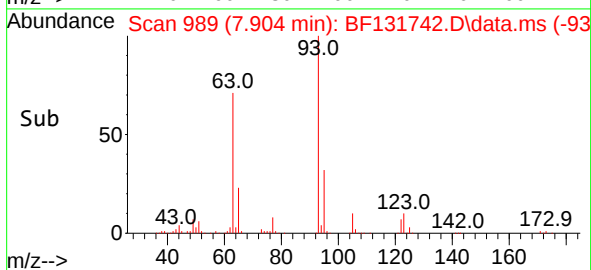
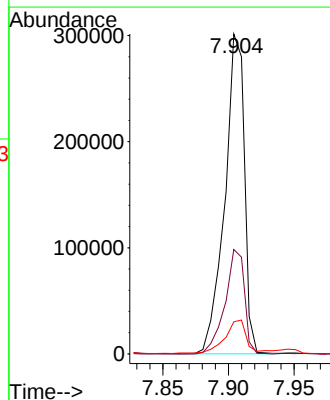
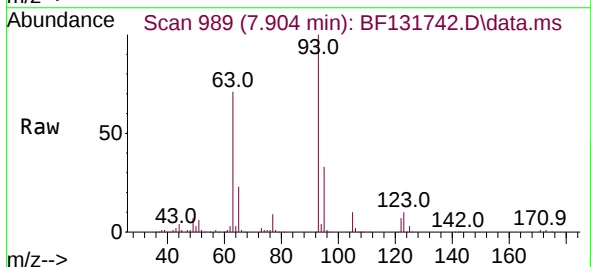
Tgt Ion: 93 Resp: 314103

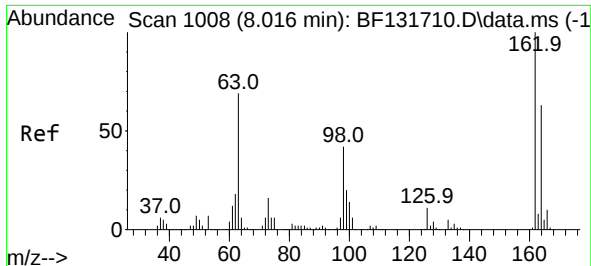
Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

123 10.0 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 42.238 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF131742.D

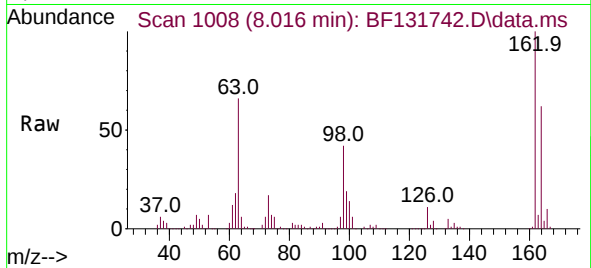
Acq: 21 Dec 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB149732BSD

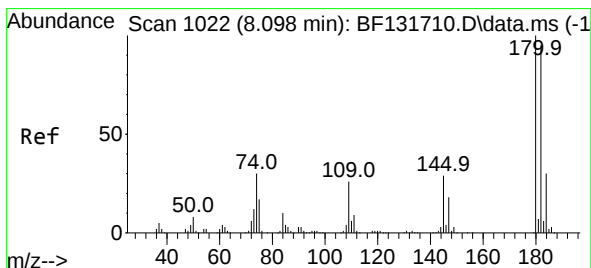
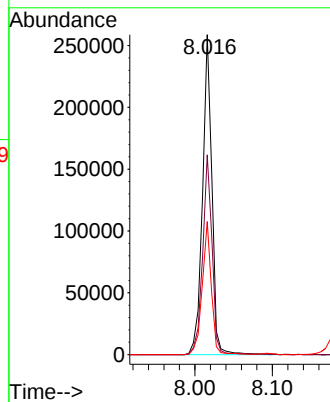
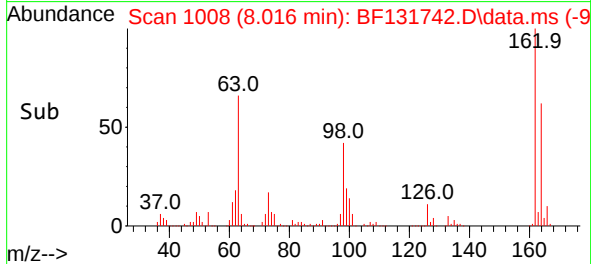


Tgt Ion:162	Resp:	217953
Ion Ratio	Lower	Upper
162	100	
164	62.4	42.9 82.9
98	41.6	21.9 61.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.666 ng

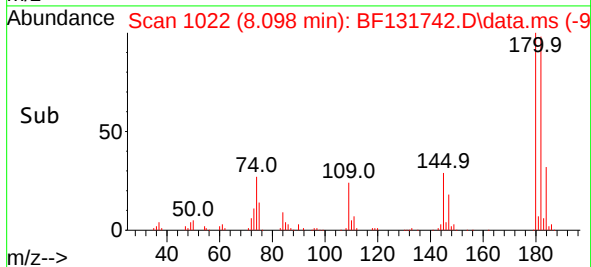
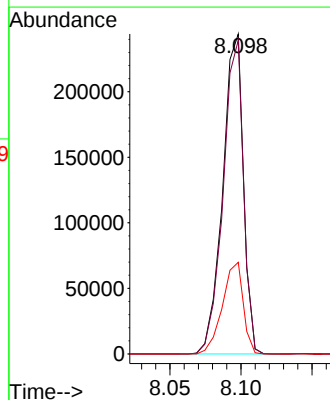
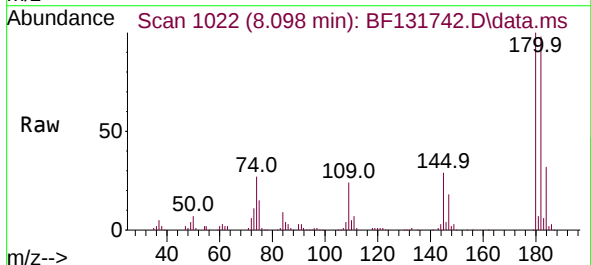
RT: 8.098 min Scan# 1022

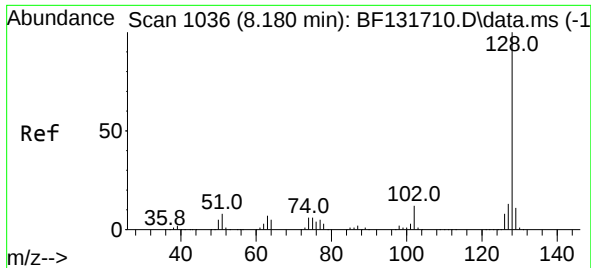
Delta R.T. 0.000 min

Lab File: BF131742.D

Acq: 21 Dec 2022 12:18

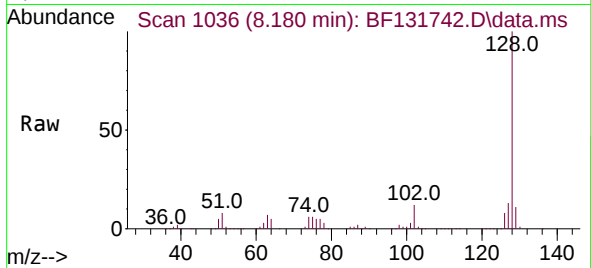
Tgt Ion:180	Resp:	246690
Ion Ratio	Lower	Upper
180	100	
182	98.0	76.1 114.1
145	28.6	23.4 35.0





#31
Naphthalene
Concen: 40.228 ng
RT: 8.180 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

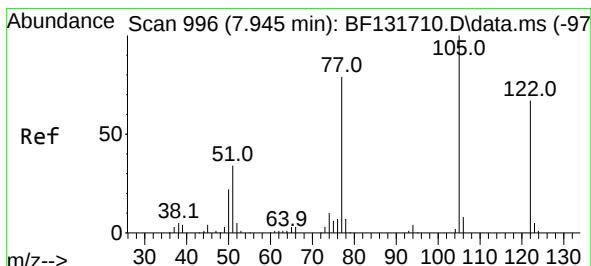
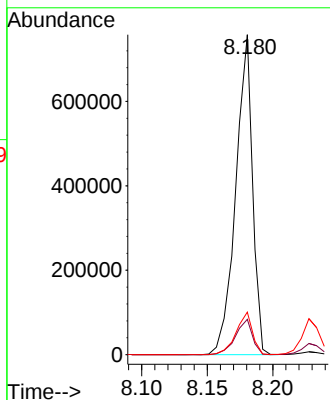
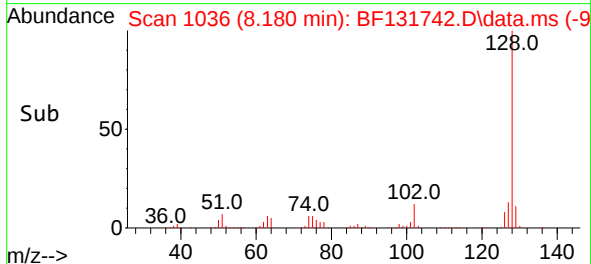
Instrument :
BNA_F
ClientSampleId :
PB149732BSD



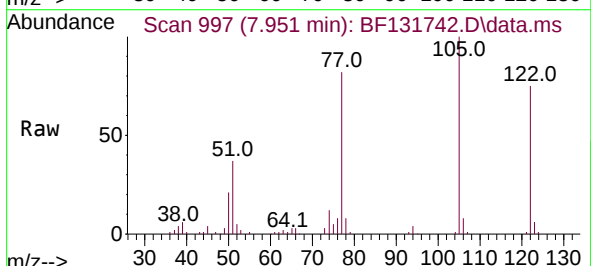
Tgt Ion:128 Resp: 673695
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.3 10.6 15.8

Manual Integrations
APPROVED

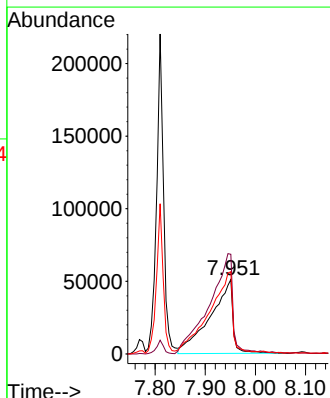
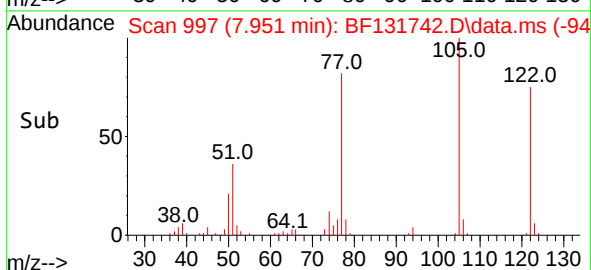
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

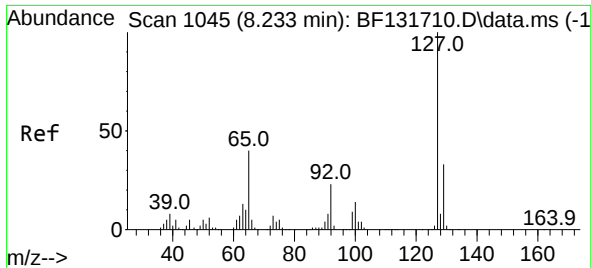


#32
Benzoic acid
Concen: 46.888 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.006 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18



Tgt Ion:122 Resp: 160426
Ion Ratio Lower Upper
122 100
105 134.0 125.1 165.1
77 110.5 95.3 135.3





#33
4-Chloroaniline
Concen: 13.555 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

Instrument :

BNA_F

ClientSampleId :

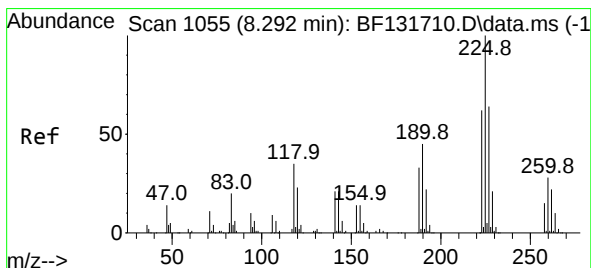
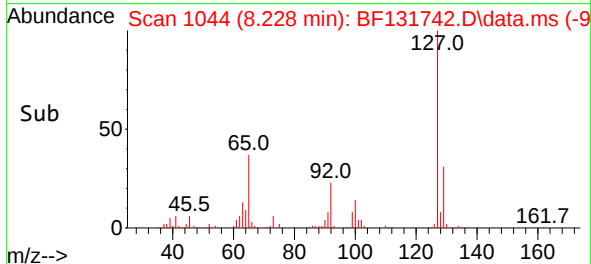
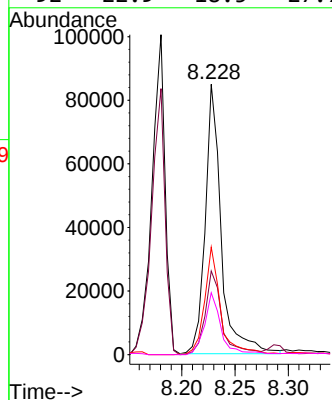
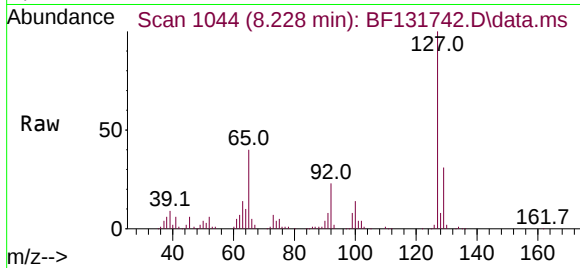
PB149732BSD

Tgt Ion:127 Resp: 88529
Ion Ratio Lower Upper
127 100
129 31.0 26.1 39.1
65 39.7 31.8 47.6
92 22.9 18.5 27.7

Manual Integrations

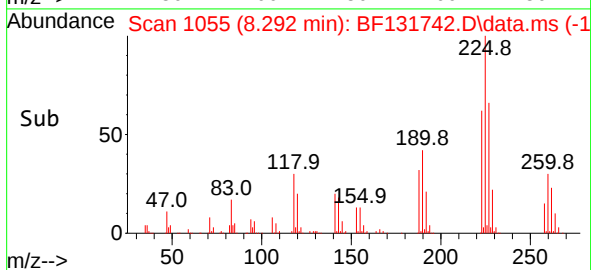
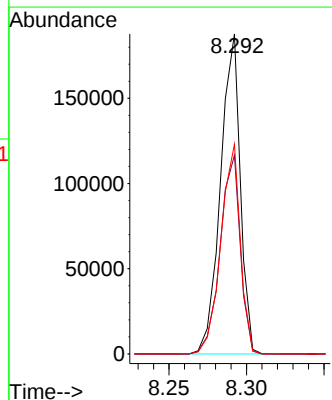
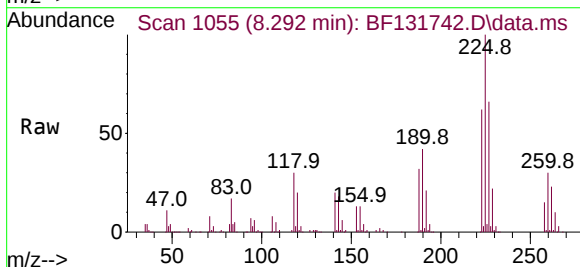
APPROVED

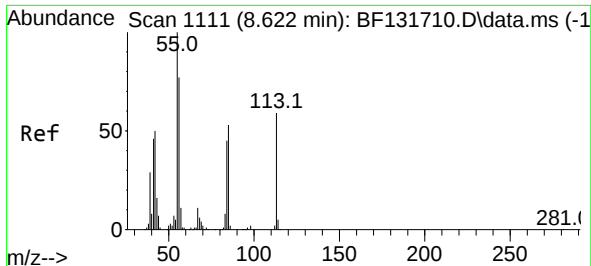
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#34
Hexachlorobutadiene
Concen: 40.748 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

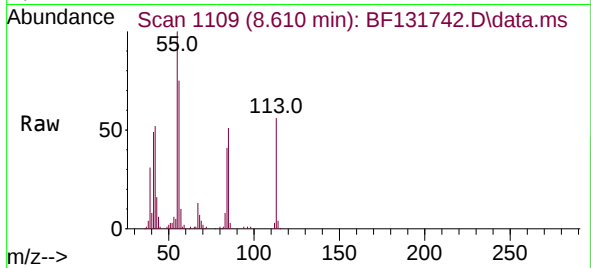
Tgt Ion:225 Resp: 166306
Ion Ratio Lower Upper
225 100
223 62.1 49.5 74.3
227 65.5 51.0 76.4





#35
Caprolactam
Concen: 44.301 ng m
RT: 8.610 min Scan# 1109
Delta R.T. -0.012 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

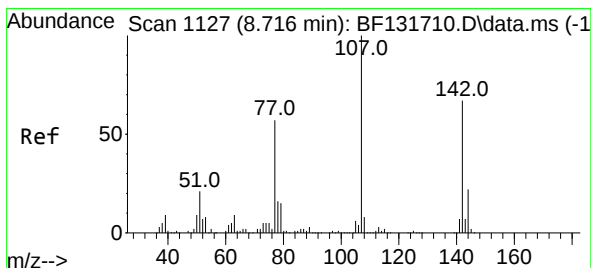
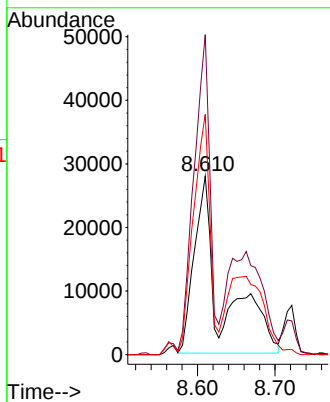
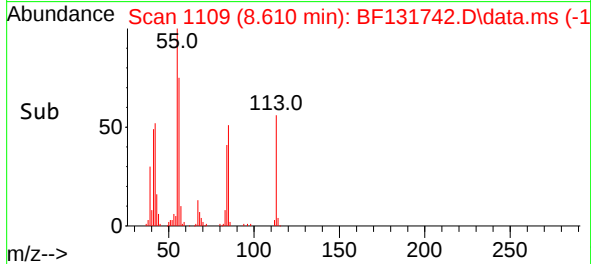
Instrument :
BNA_F
ClientSampleId :
PB149732BSD



Tgt Ion:113 Resp: 68929
Ion Ratio Lower Upper
113 100
55 179.3 149.0 189.0
56 134.6 109.5 149.5

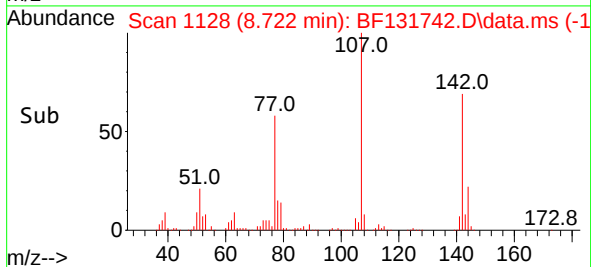
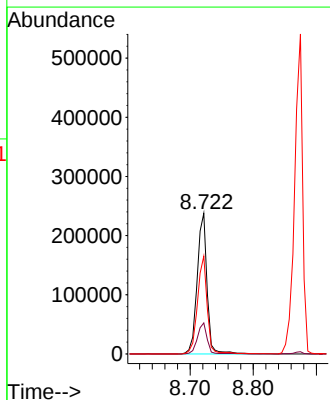
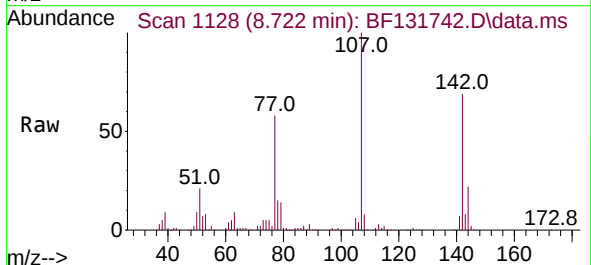
Manual Integrations
APPROVED

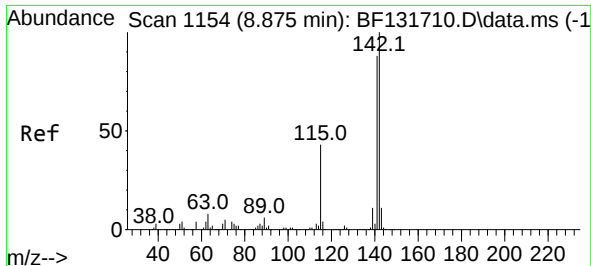
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#36
4-Chloro-3-methylphenol
Concen: 43.856 ng
RT: 8.722 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

Tgt Ion:107 Resp: 258514
Ion Ratio Lower Upper
107 100
144 22.0 17.5 26.3
142 69.5 53.4 80.0





#37

2-Methylnaphthalene

Concen: 41.196 ng

RT: 8.875 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF131742.D

Acq: 21 Dec 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB149732BSD

Tgt Ion:142 Resp: 470600

Ion Ratio Lower Upper

142 100

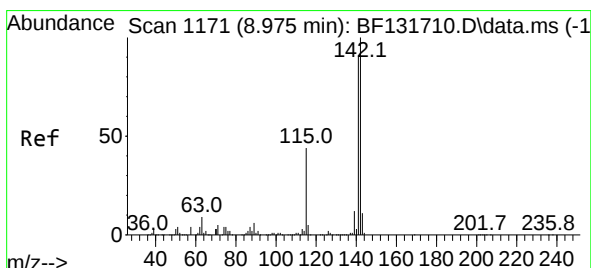
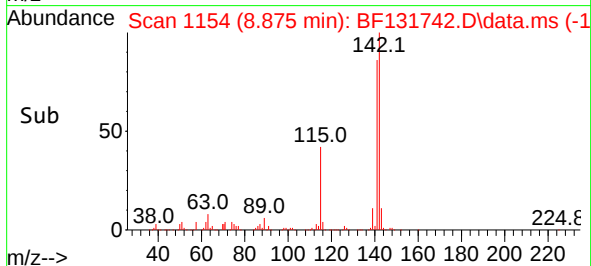
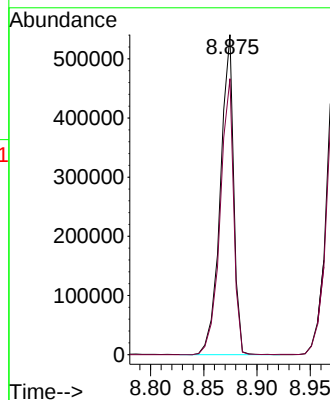
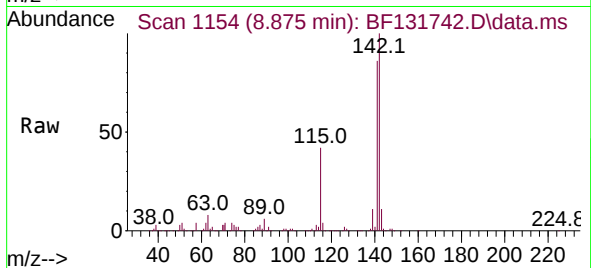
141 86.2 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#38

1-Methylnaphthalene

Concen: 39.777 ng

RT: 8.975 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF131742.D

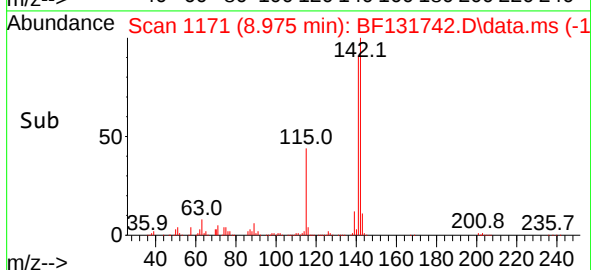
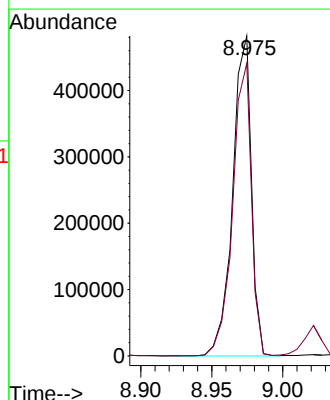
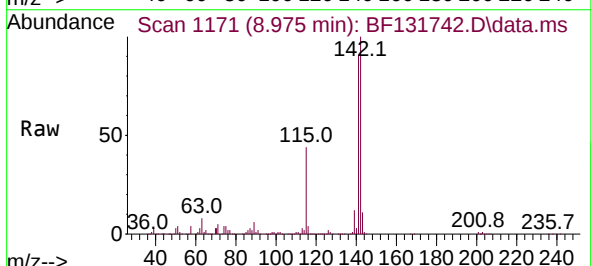
Acq: 21 Dec 2022 12:18

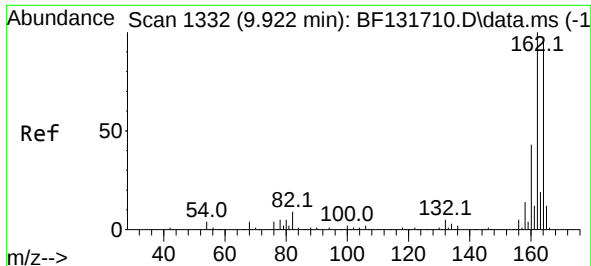
Tgt Ion:142 Resp: 440082

Ion Ratio Lower Upper

142 100

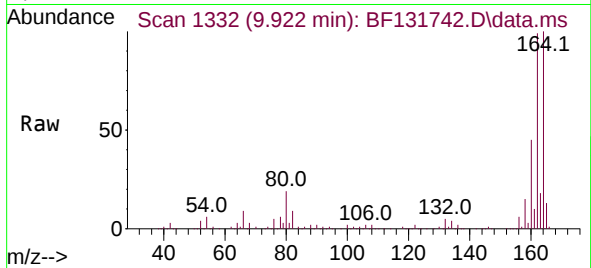
141 91.4 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

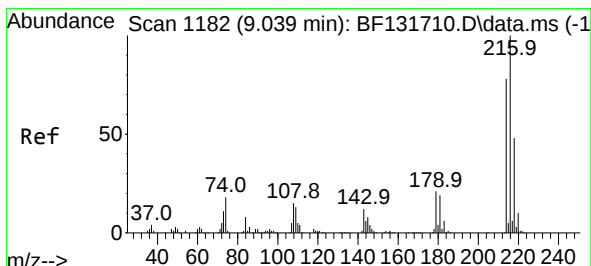
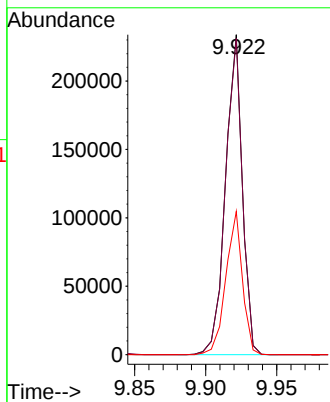
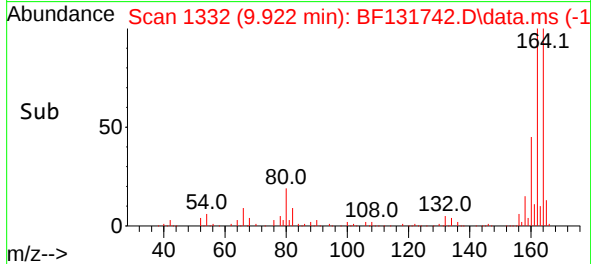
Instrument :
BNA_F
ClientSampleId :
PB149732BSD



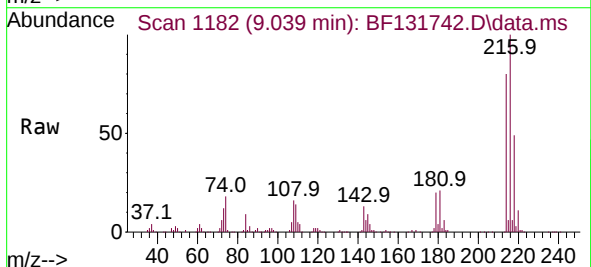
Tgt Ion:164 Resp: 192847
Ion Ratio Lower Upper
164 100
162 98.8 83.7 125.5
160 44.7 36.2 54.4

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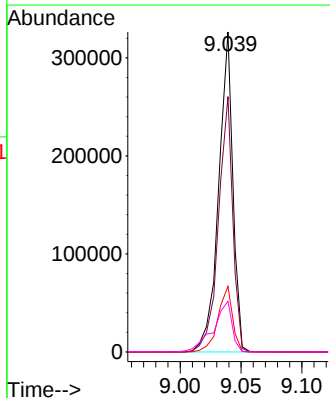
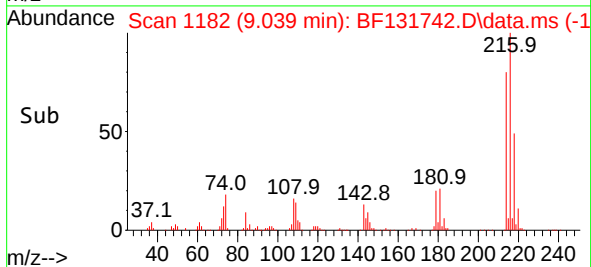
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

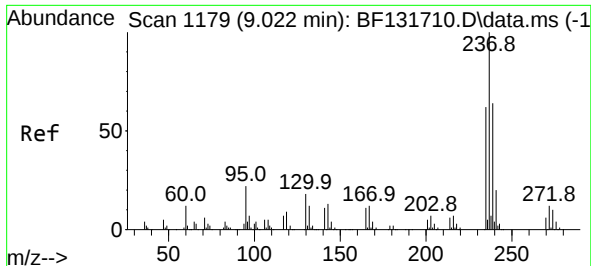


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.317 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18



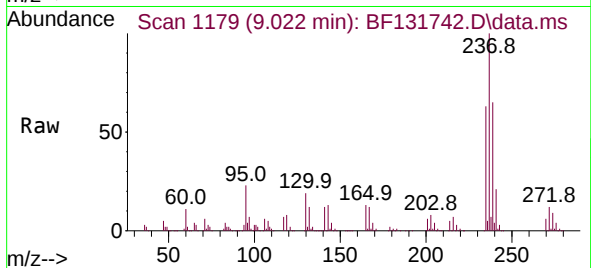
Tgt Ion:216 Resp: 266004
Ion Ratio Lower Upper
216 100
214 80.0 62.9 94.3
179 20.9 16.3 24.5
108 20.7 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 111.692 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

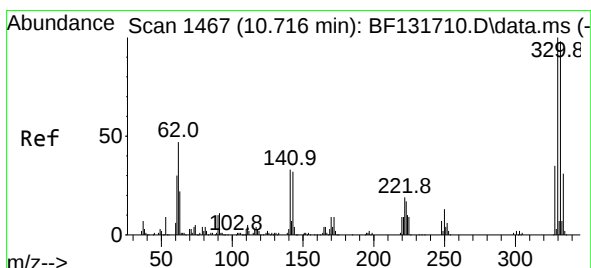
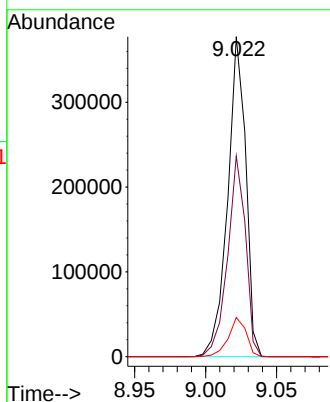
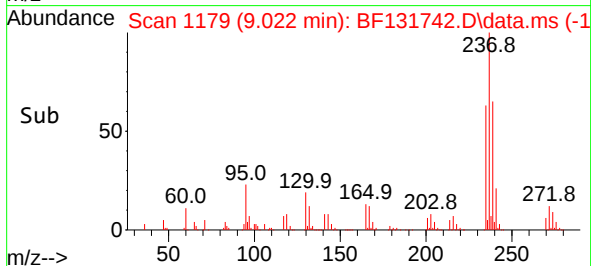
Instrument :
BNA_F
ClientSampleId :
PB149732BSD



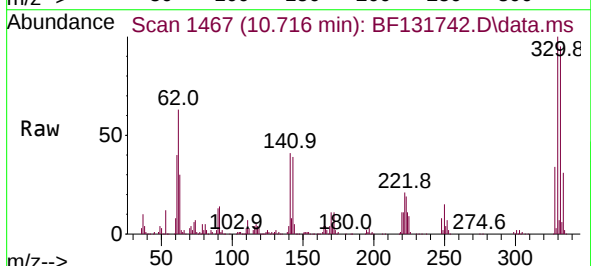
Tgt Ion:237 Resp: 333870
Ion Ratio Lower Upper
237 100
235 62.7 42.2 82.2
272 12.2 0.0 31.7

Manual Integrations
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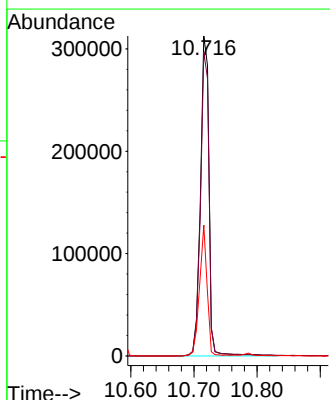
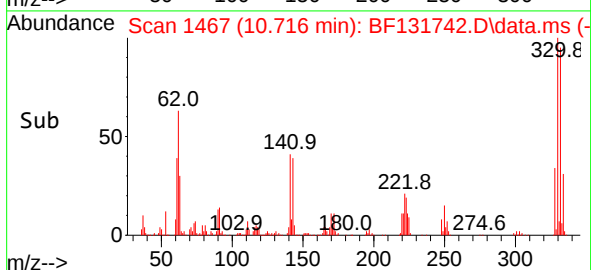
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

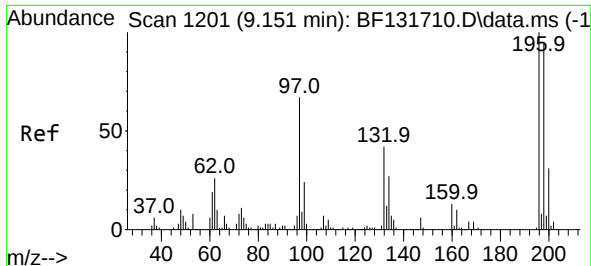


#42
2,4,6-Tribromophenol
Concen: 139.351 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18



Tgt Ion:330 Resp: 294139
Ion Ratio Lower Upper
330 100
332 95.3 77.1 115.7
141 36.6 30.4 45.6





#43

2,4,6-Trichlorophenol

Concen: 38.885 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF131742.D

Acq: 21 Dec 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB149732BSD

Tgt Ion:196 Resp: 167596

Ion Ratio Lower Upper

196 100

198 96.6 75.5 113.3

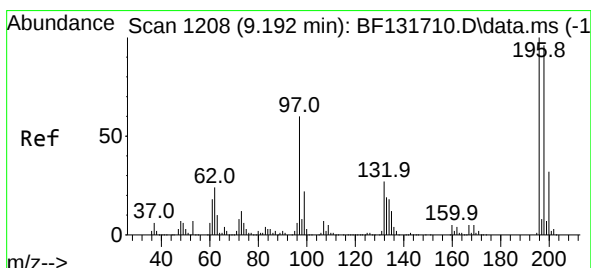
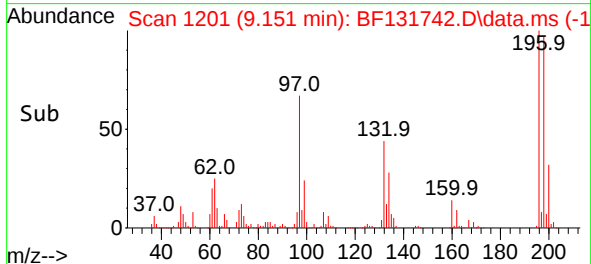
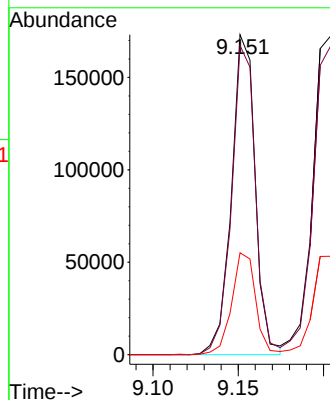
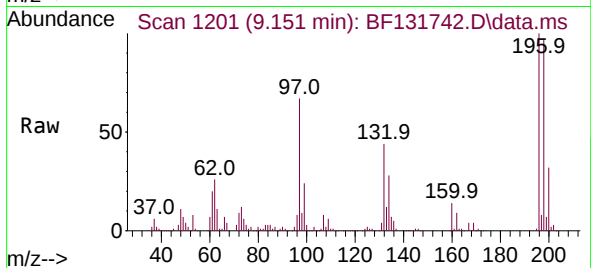
200 31.8 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#44

2,4,5-Trichlorophenol

Concen: 40.530 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.012 min

Lab File: BF131742.D

Acq: 21 Dec 2022 12:18

Tgt Ion:196 Resp: 189107

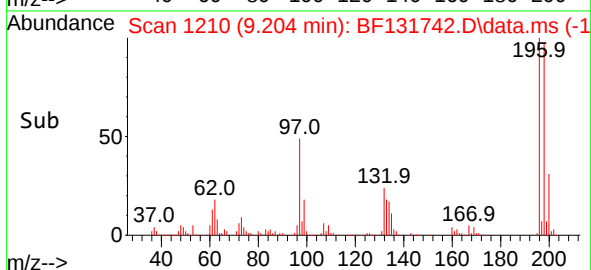
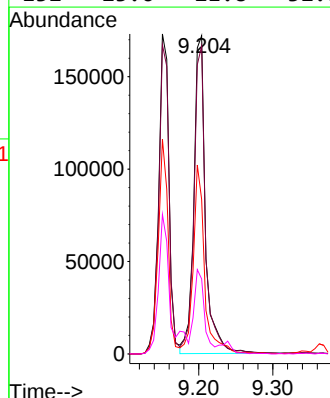
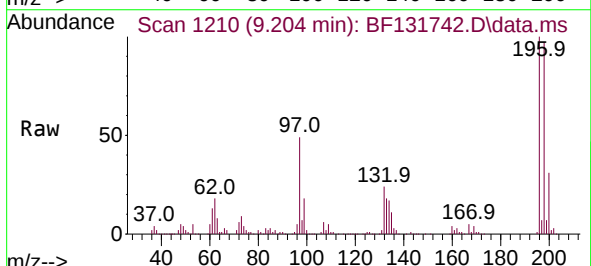
Ion Ratio Lower Upper

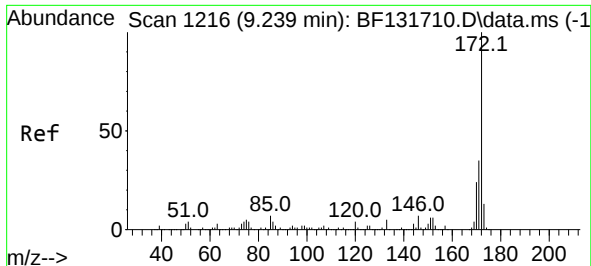
196 100

198 96.8 76.6 114.8

97 48.6 47.7 71.5

132 23.6 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 79.529 ng

RT: 9.239 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF131742.D

Acq: 21 Dec 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB149732BSD

Tgt Ion:172 Resp: 1094856

Ion Ratio Lower Upper

172 100

171 34.8 27.9 41.9

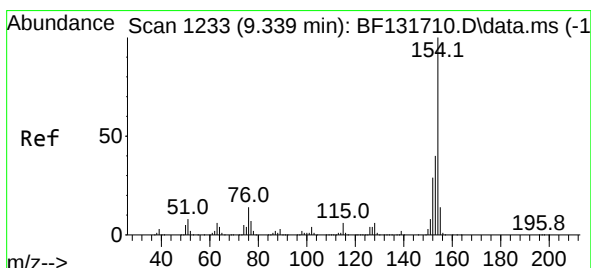
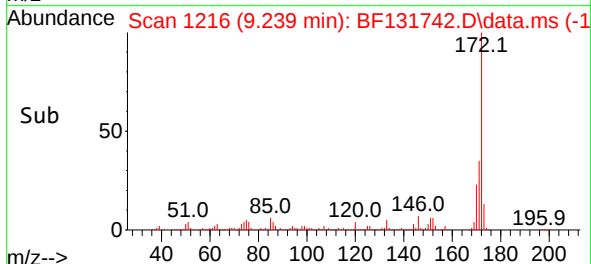
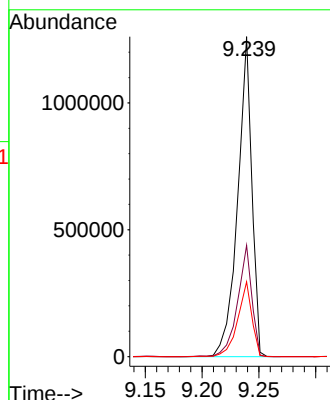
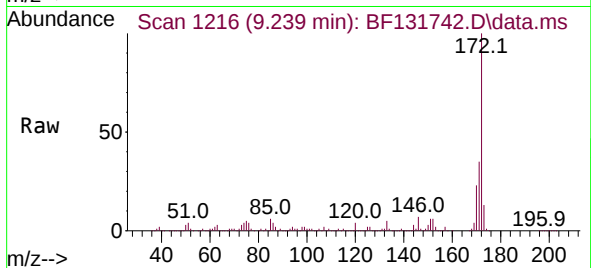
170 23.4 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#46

1,1'-Biphenyl

Concen: 40.929 ng

RT: 9.339 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF131742.D

Acq: 21 Dec 2022 12:18

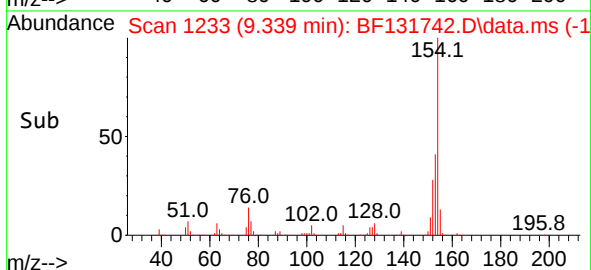
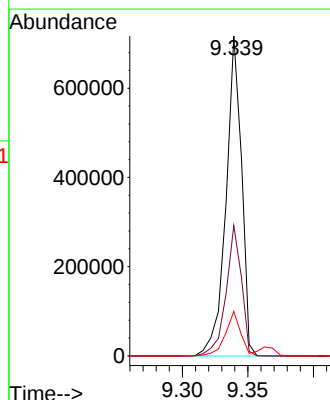
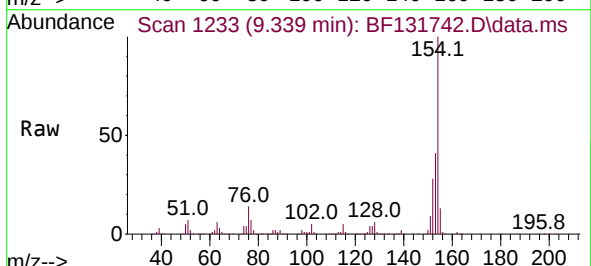
Tgt Ion:154 Resp: 593706

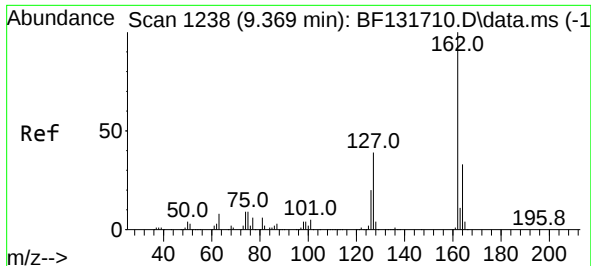
Ion Ratio Lower Upper

154 100

153 40.7 20.1 60.1

76 13.9 0.0 33.6





#47

2-Chloronaphthalene

Concen: 39.798 ng

RT: 9.369 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF131742.D

Acq: 21 Dec 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB149732BSD

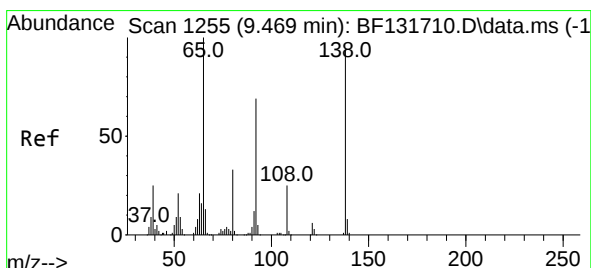
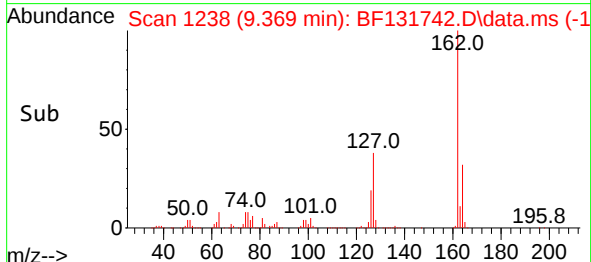
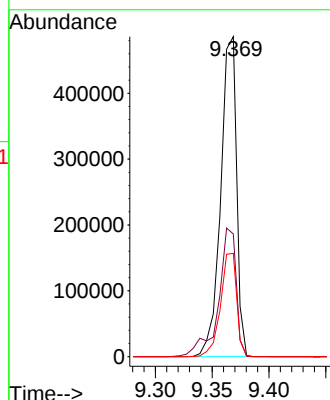
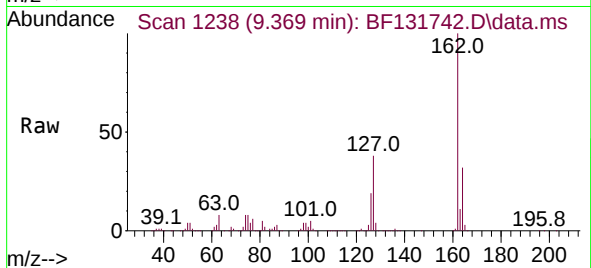
Tgt Ion:162 Resp: 47272

Ion	Ratio	Lower	Upper
162	100		
127	38.3	31.4	47.2
164	32.3	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#48

2-Nitroaniline

Concen: 40.233 ng

RT: 9.469 min Scan# 1255

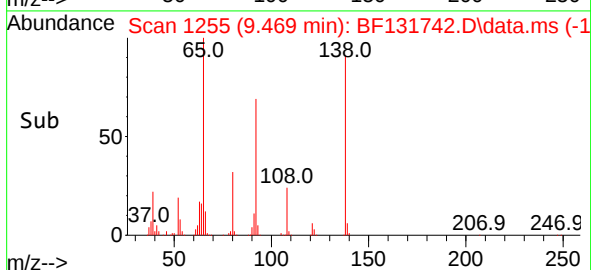
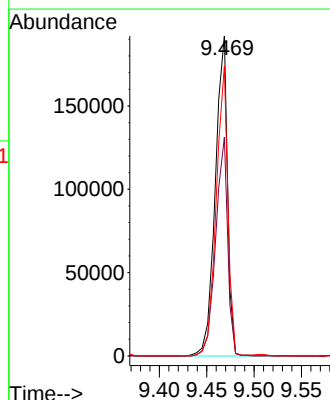
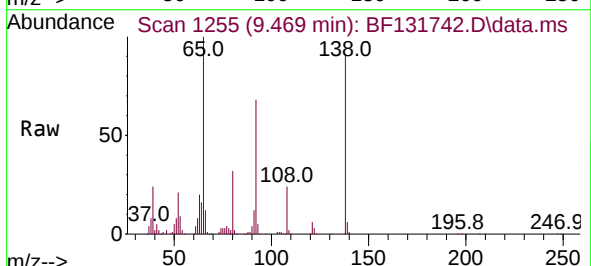
Delta R.T. 0.000 min

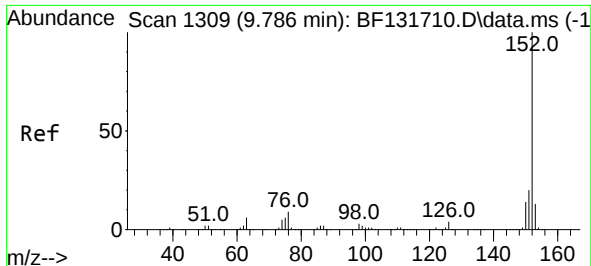
Lab File: BF131742.D

Acq: 21 Dec 2022 12:18

Tgt Ion: 65 Resp: 172248

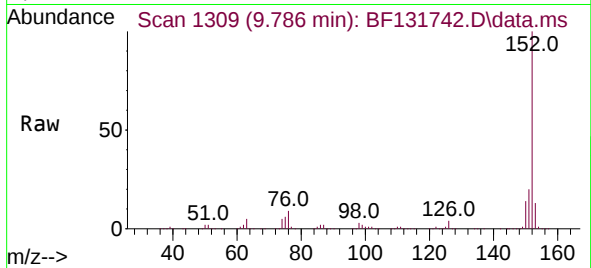
Ion	Ratio	Lower	Upper
65	100		
92	68.3	55.5	83.3
138	90.5	74.8	112.2





#49
Acenaphthylene
Concen: 40.327 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

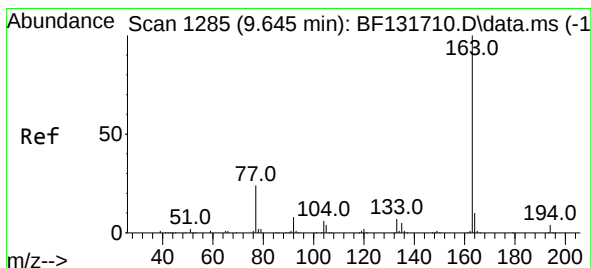
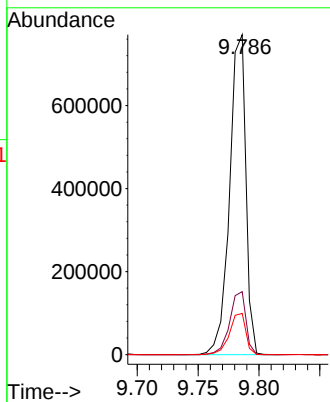
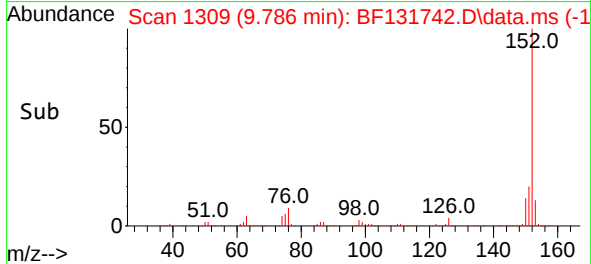
Instrument :
BNA_F
ClientSampleId :
PB149732BSD



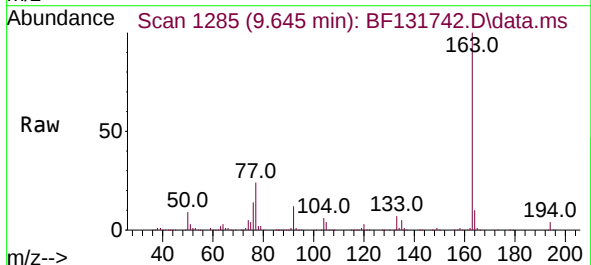
Tgt Ion:152 Resp: 718458
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 12.9 10.6 15.8

Manual Integrations
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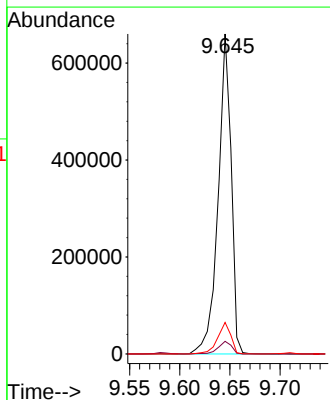
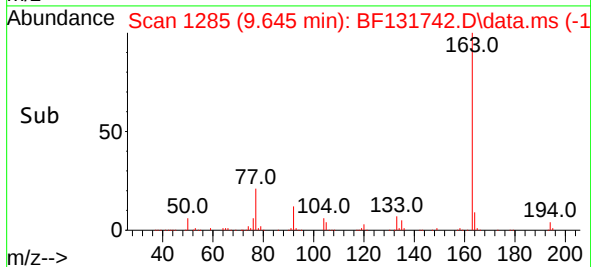
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

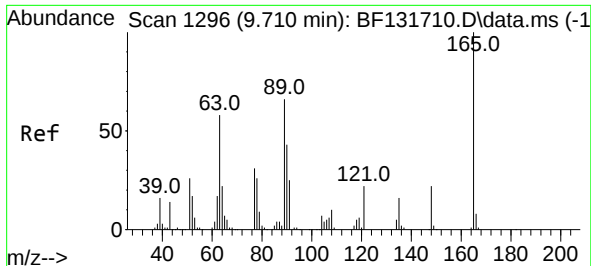


#50
Dimethylphthalate
Concen: 41.129 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18



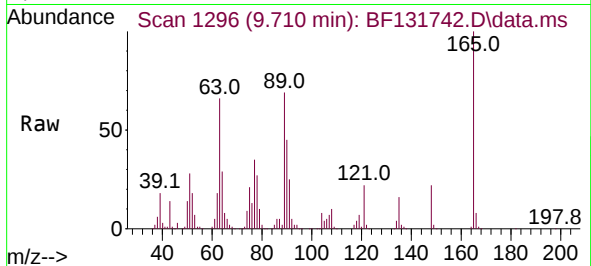
Tgt Ion:163 Resp: 596816
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.8 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 41.719 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

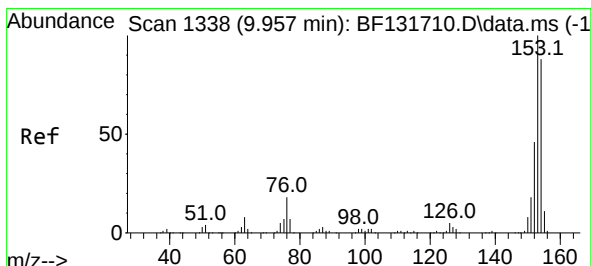
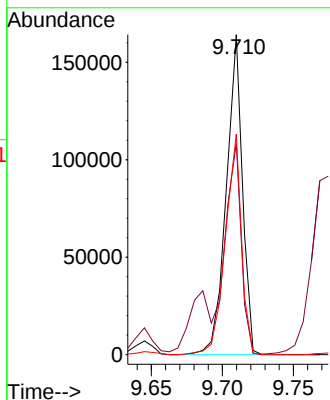
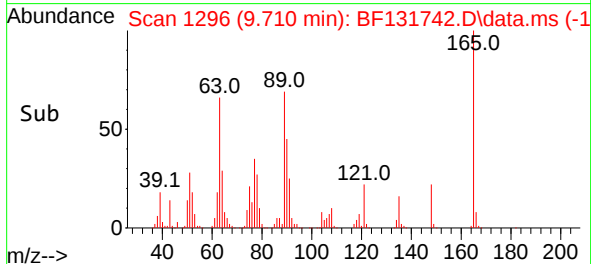
Instrument :
BNA_F
ClientSampleId :
PB149732BSD



Tgt Ion:165 Resp: 130170
Ion Ratio Lower Upper
165 100
63 66.0 51.8 77.8
89 68.9 53.2 79.8

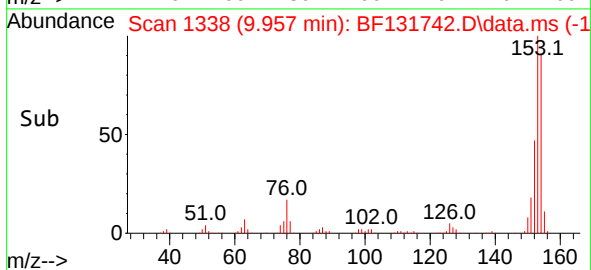
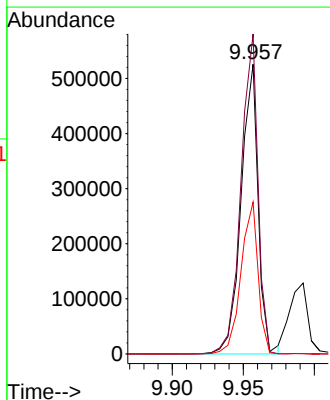
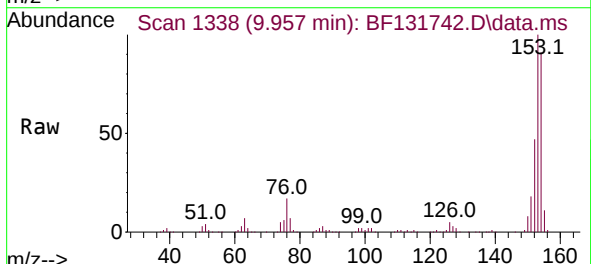
Manual Integrations
APPROVED

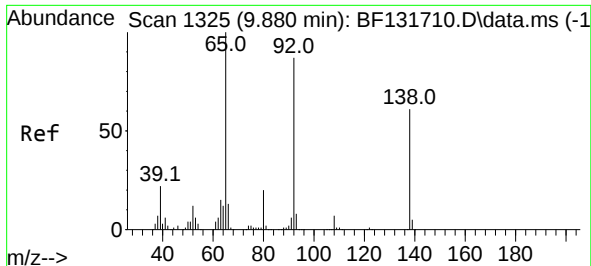
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#52
Acenaphthene
Concen: 40.122 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

Tgt Ion:154 Resp: 437878
Ion Ratio Lower Upper
154 100
153 110.5 90.4 135.6
152 52.4 42.0 63.0





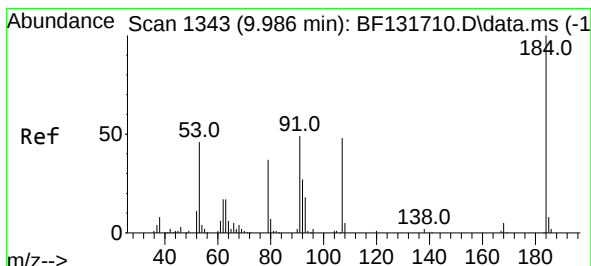
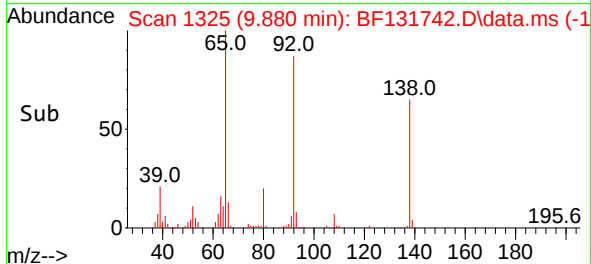
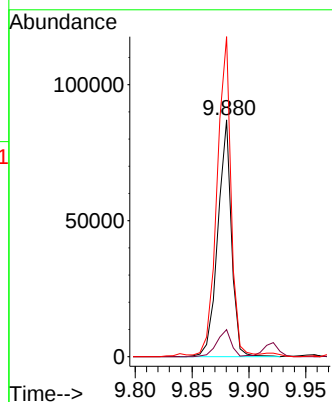
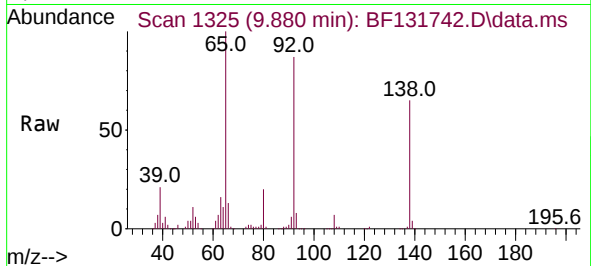
#53
3-Nitroaniline
Concen: 22.682 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB149732BSD

Tgt Ion:138 Resp: 72413
Ion Ratio Lower Upper
138 100
108 11.4 9.2 13.8
92 135.2 114.6 171.8

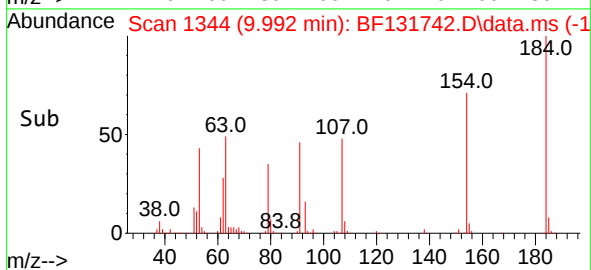
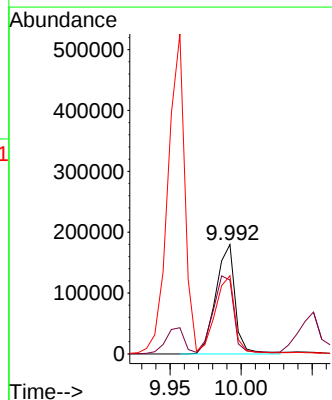
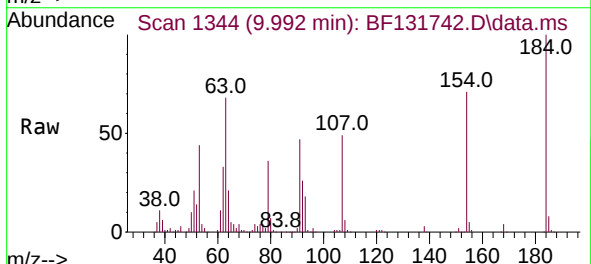
Manual Integrations
APPROVED

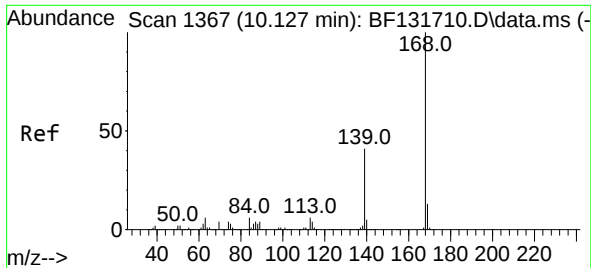
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#54
2,4-Dinitrophenol
Concen: 91.340 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

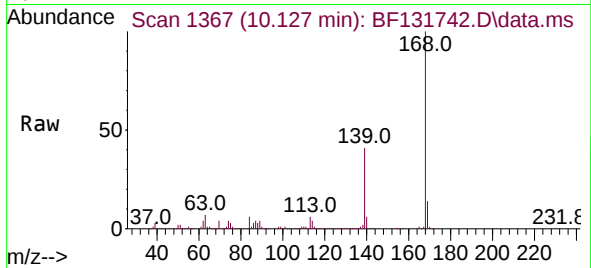
Tgt Ion:184 Resp: 170765
Ion Ratio Lower Upper
184 100
63 67.5 55.8 83.8
154 71.4 57.1 85.7





#55
Dibenzofuran
Concen: 40.142 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

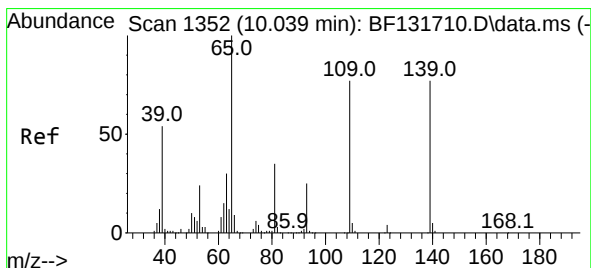
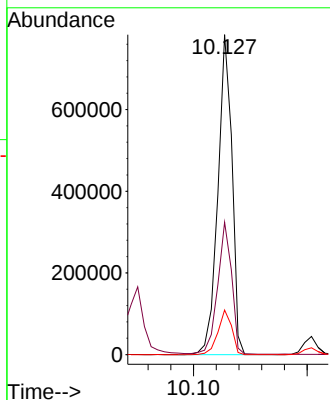
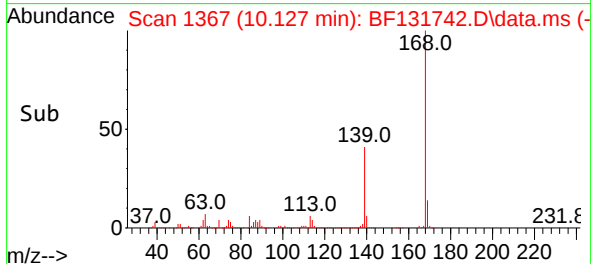
Instrument :
BNA_F
ClientSampleId :
PB149732BSD



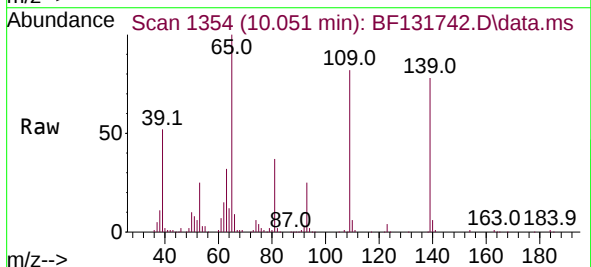
Tgt Ion:168 Resp: 67179
Ion Ratio Lower Upper
168 100
139 41.4 32.7 49.1
169 13.9 10.6 16.0

Manual Integrations
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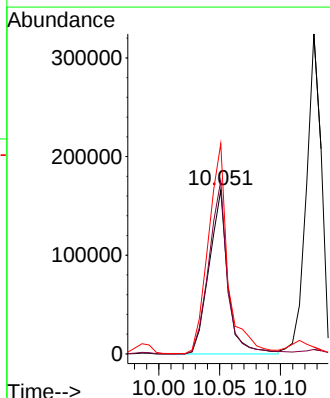
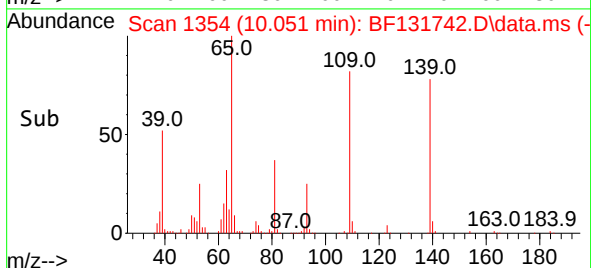
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

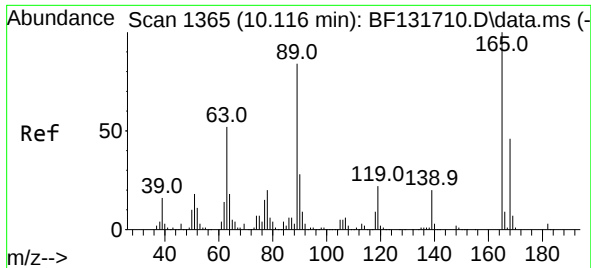


#56
4-Nitrophenol
Concen: 78.008 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.012 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18



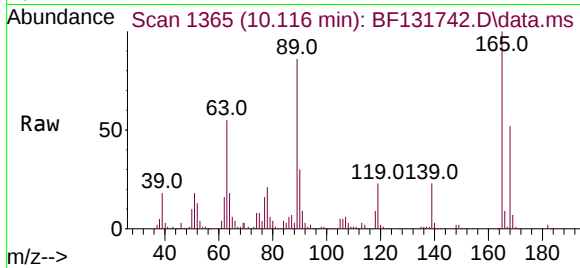
Tgt Ion:139 Resp: 178249
Ion Ratio Lower Upper
139 100
109 105.7 79.9 119.9
65 128.4 110.2 150.2





#57
2,4-Dinitrotoluene
Concen: 43.196 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

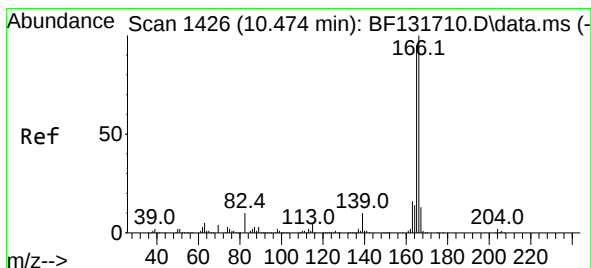
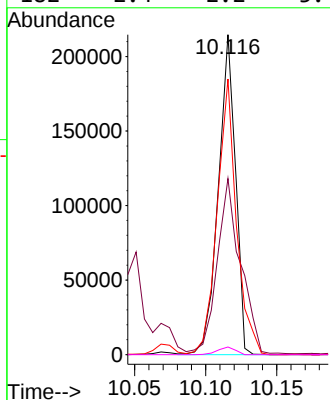
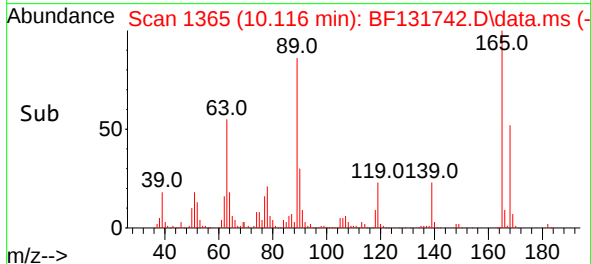
Instrument :
BNA_F
Client Sample Id :
PB149732BSD



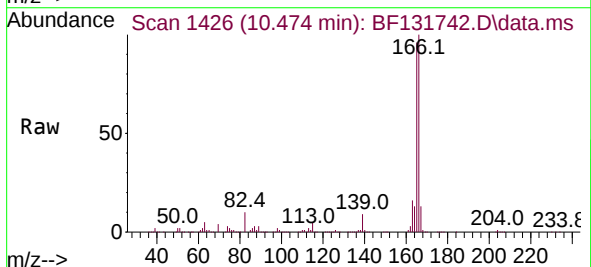
Tgt Ion:165 Resp: 181108
Ion Ratio Lower Upper
165 100
63 55.0 41.5 62.3
89 86.1 67.0 100.4
182 2.4 2.2 3.4

Manual Integrations
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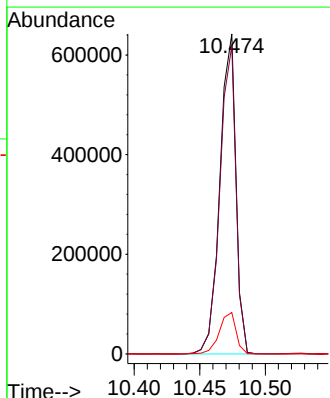
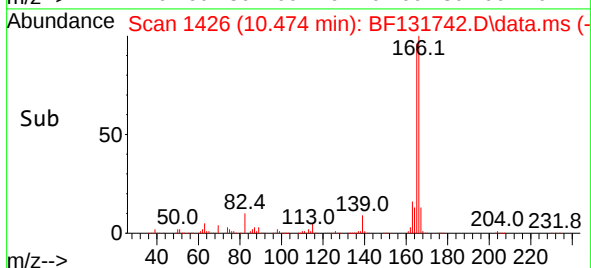
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

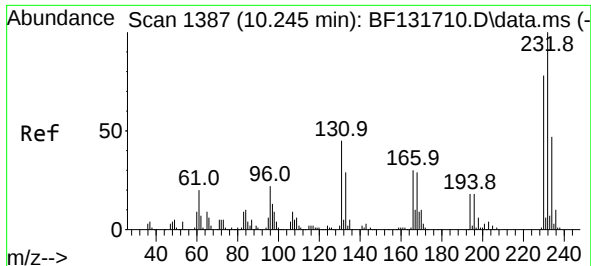


#58
Fluorene
Concen: 40.498 ng
RT: 10.474 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18



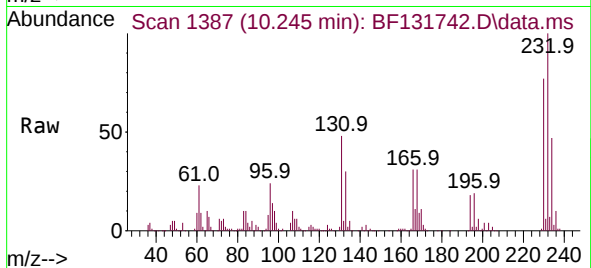
Tgt Ion:166 Resp: 547965
Ion Ratio Lower Upper
166 100
165 96.3 75.8 113.8
167 12.9 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.099 ng m
RT: 10.245 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

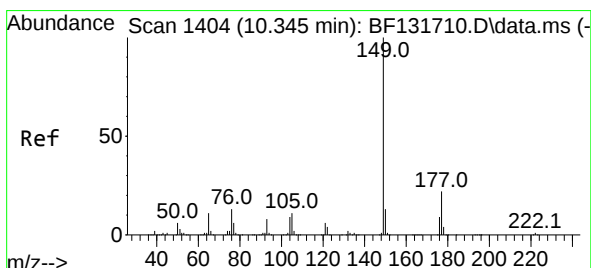
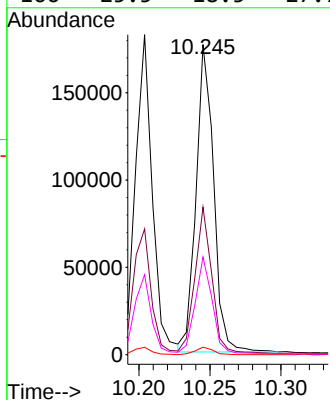
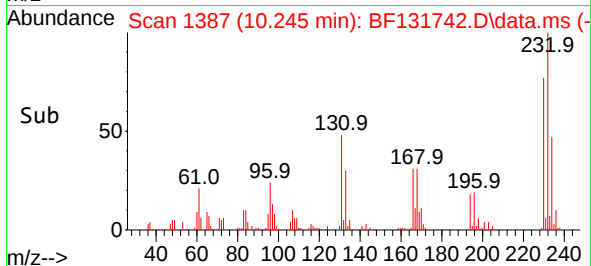
Instrument :
BNA_F
ClientSampleId :
PB149732BSD



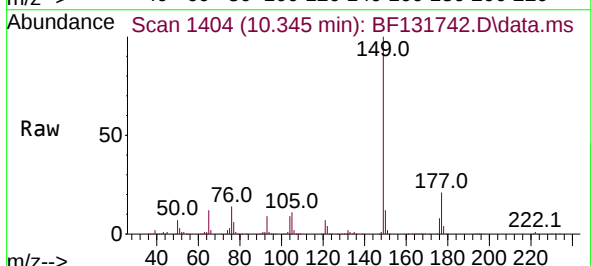
Tgt Ion:232 Resp: 152299
Ion Ratio Lower Upper
232 100
131 42.2 29.9 44.9
130 2.4 1.7 2.5
166 25.5 18.5 27.7

Manual Integrations
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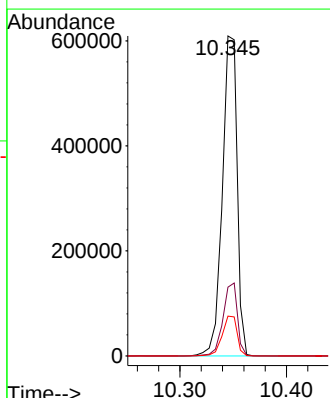
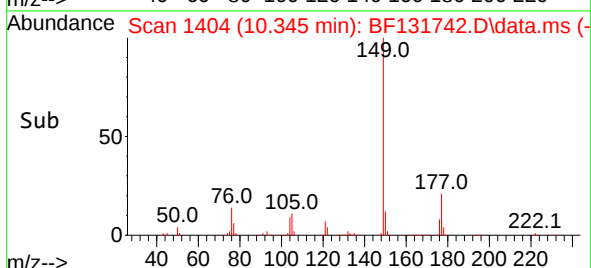
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

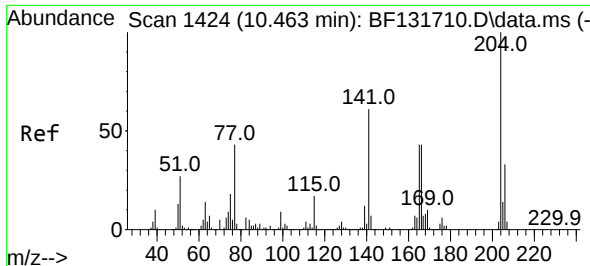


#60
Diethylphthalate
Concen: 42.255 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18



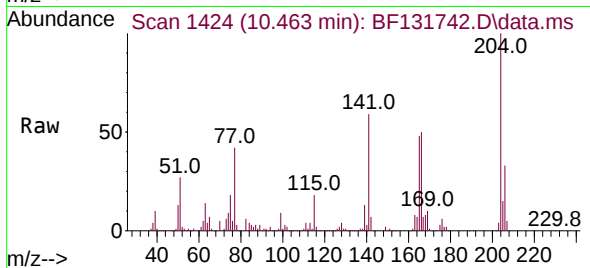
Tgt Ion:149 Resp: 590810
Ion Ratio Lower Upper
149 100
177 21.5 17.4 26.0
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.212 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

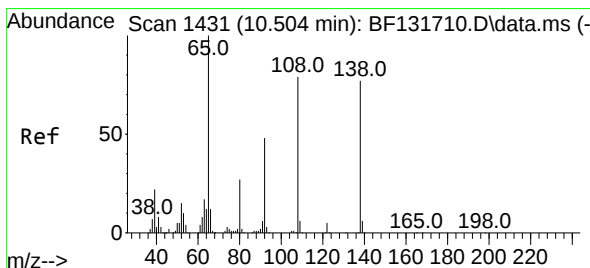
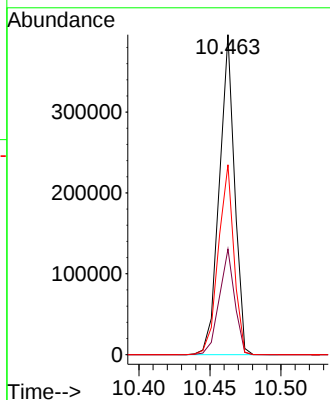
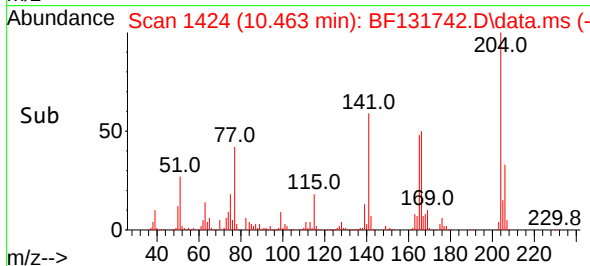
Instrument :
BNA_F
ClientSampleId :
PB149732BSD



Tgt Ion:204 Resp: 296380
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 59.3 48.6 72.8

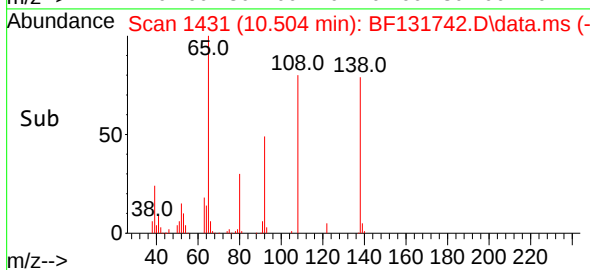
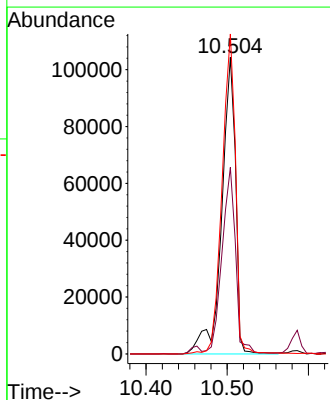
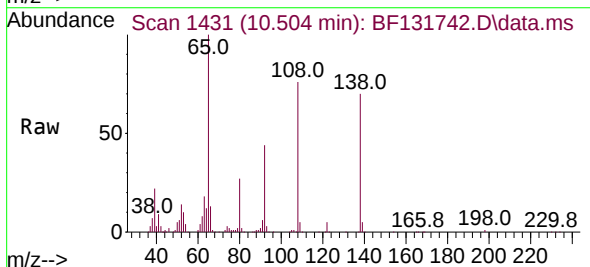
Manual Integrations
APPROVED

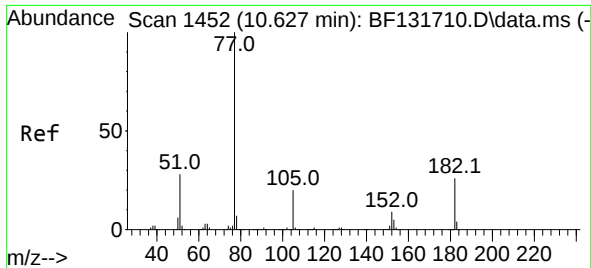
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#62
4-Nitroaniline
Concen: 38.422 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

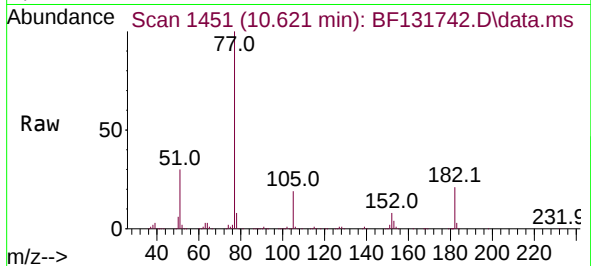
Tgt Ion:138 Resp: 123455
Ion Ratio Lower Upper
138 100
92 62.9 42.1 82.1
108 107.9 83.1 123.1





#63
Azobenzene
Concen: 40.850 ng
RT: 10.621 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

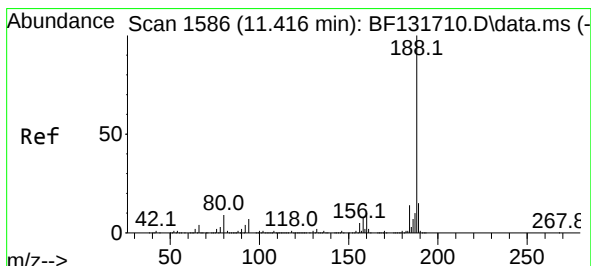
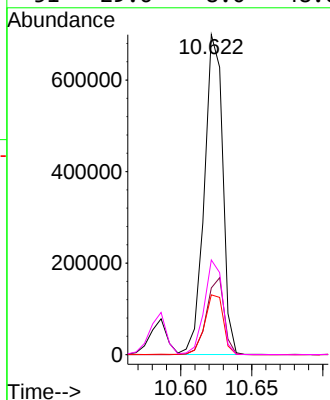
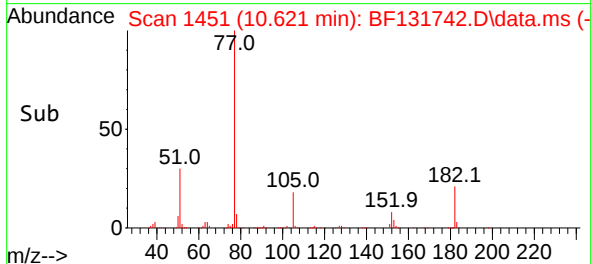
Instrument :
BNA_F
ClientSampleId :
PB149732BSD



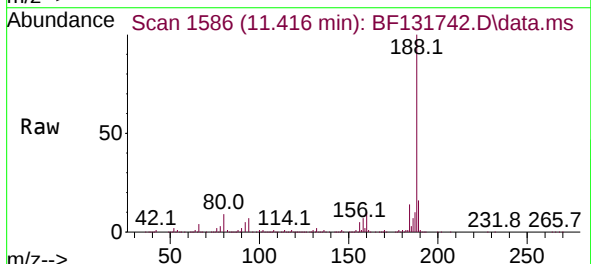
Tgt Ion: 77 Resp: 627213
Ion Ratio Lower Upper
77 100
182 20.8 5.8 45.8
105 18.7 0.0 39.7
51 29.6 8.0 48.0

Manual Integrations
APPROVED

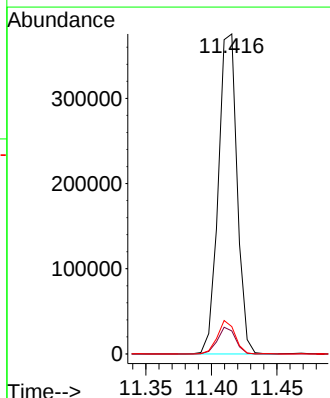
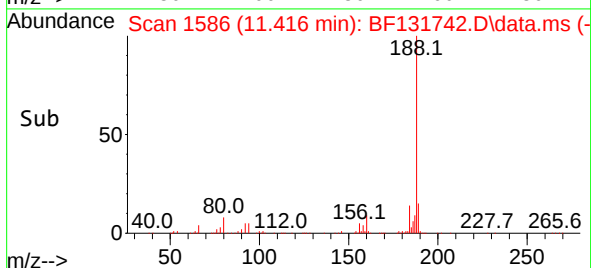
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

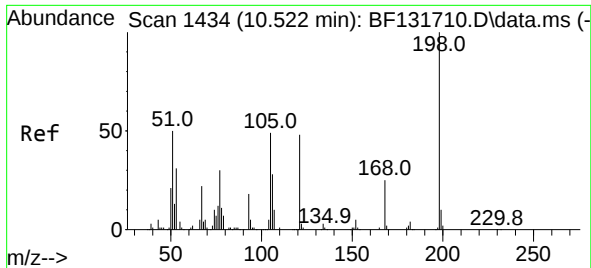


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18



Tgt Ion:188 Resp: 375994
Ion Ratio Lower Upper
188 100
94 7.2 5.9 8.9
80 8.5 7.0 10.6





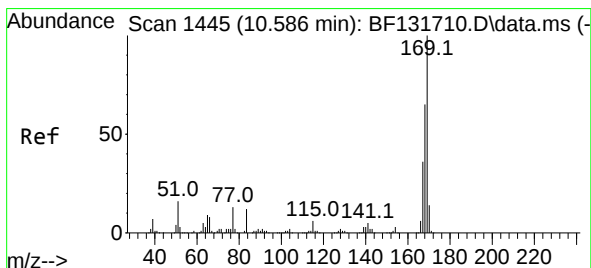
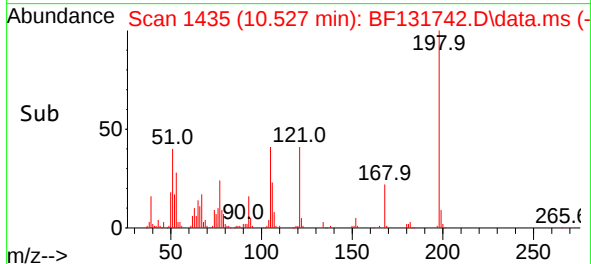
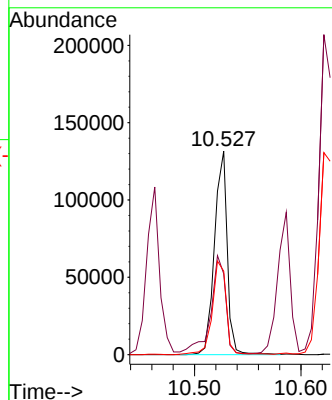
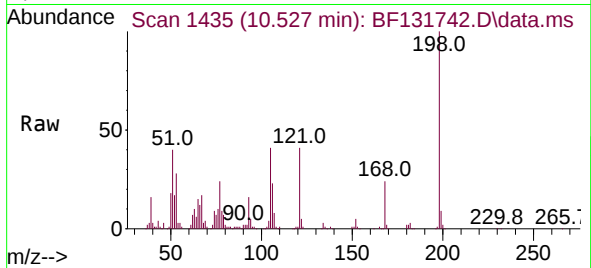
#65
4,6-Dinitro-2-methylphenol
Concen: 42.533 ng
RT: 10.527 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB149732BSD

Tgt Ion:198 Resp: 109796
Ion Ratio Lower Upper
198 100
51 39.8 34.1 74.1
105 41.0 29.7 69.7

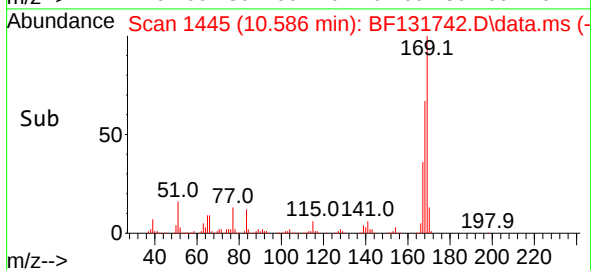
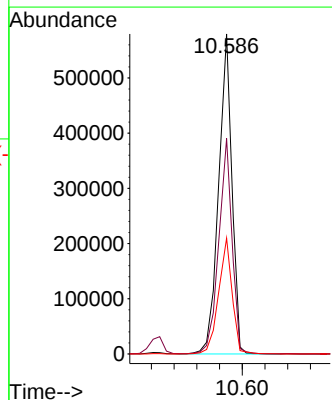
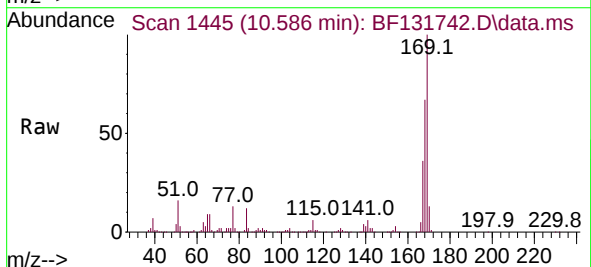
Manual Integrations
APPROVED

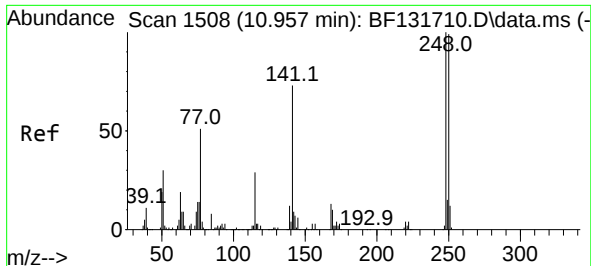
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#66
n-Nitrosodiphenylamine
Concen: 40.378 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

Tgt Ion:169 Resp: 470805
Ion Ratio Lower Upper
169 100
168 67.3 52.4 78.6
167 36.2 28.6 42.8





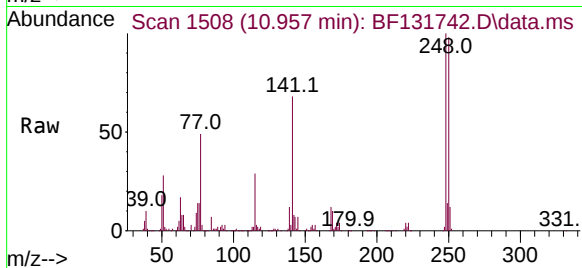
#67
4-Bromophenyl-phenylether
Concen: 41.599 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB149732BSD

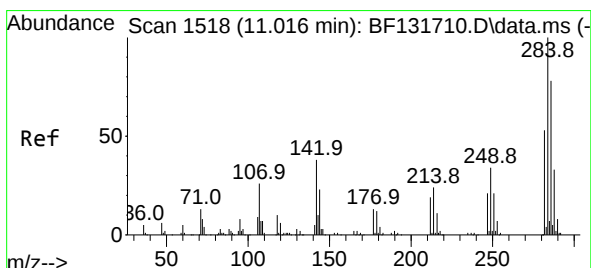
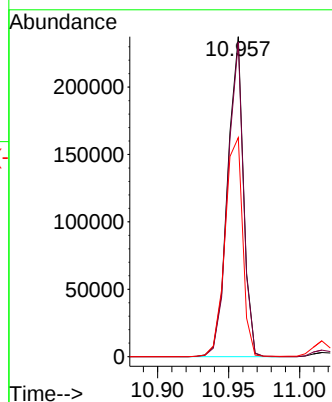
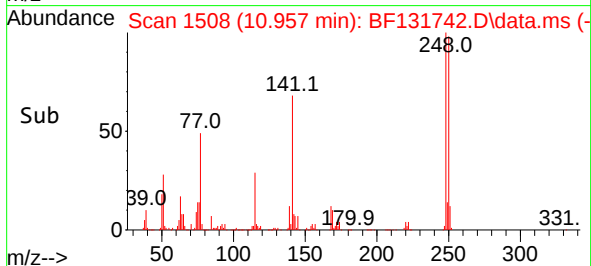


Tgt Ion:248 Resp: 184733
Ion Ratio Lower Upper
248 100
250 98.3 79.4 119.0
141 68.4 58.1 87.1

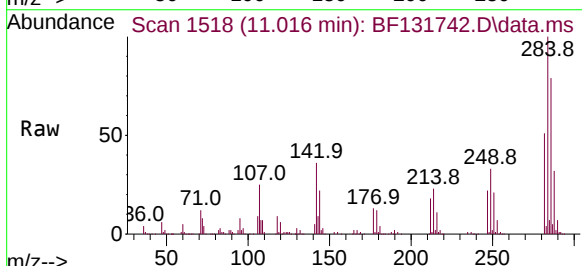
Manual Integrations

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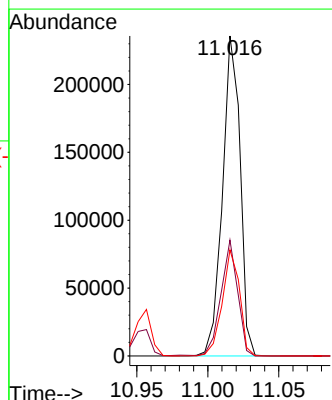
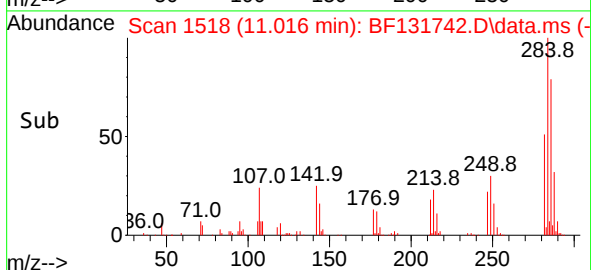
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

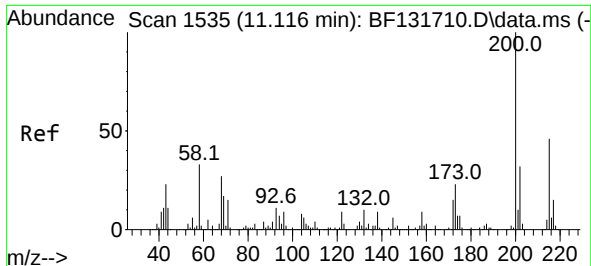


#68
Hexachlorobenzene
Concen: 41.720 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18



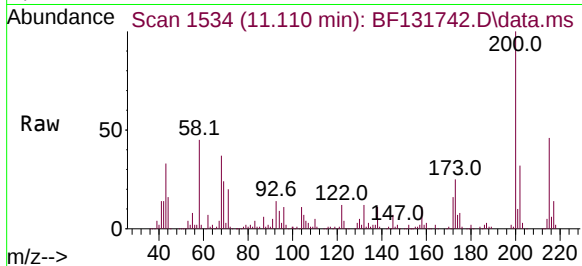
Tgt Ion:284 Resp: 203759
Ion Ratio Lower Upper
284 100
142 36.2 30.2 45.4
249 33.1 27.2 40.8





#69
Atrazine
Concen: 29.662 ng
RT: 11.110 min Scan# 115288
Delta R.T. -0.006 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

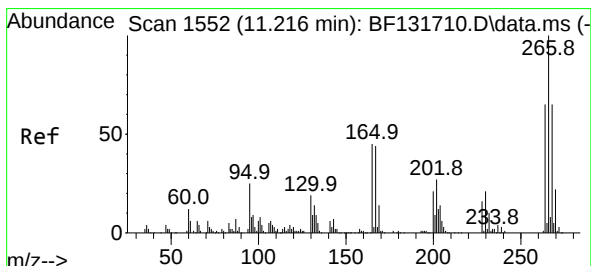
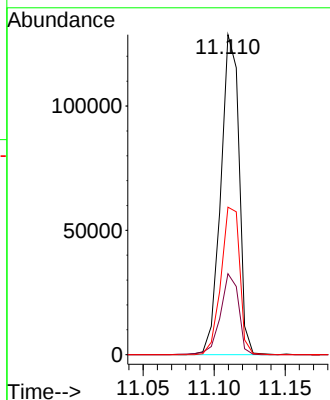
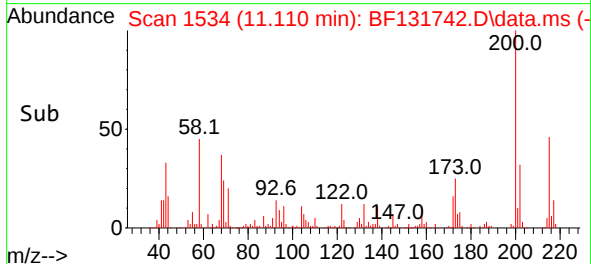
Instrument :
BNA_F
ClientSampleId :
PB149732BSD



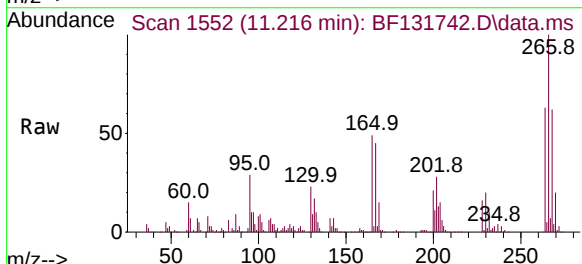
Tgt Ion:200 Resp: 115288
Ion Ratio Lower Upper
200 100
173 25.3 2.7 42.7
215 46.1 26.4 66.4

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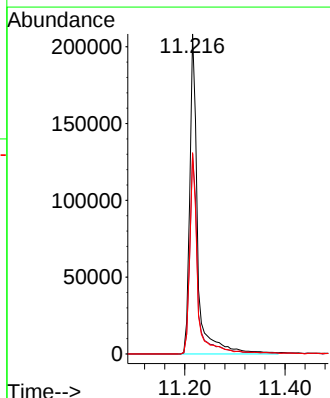
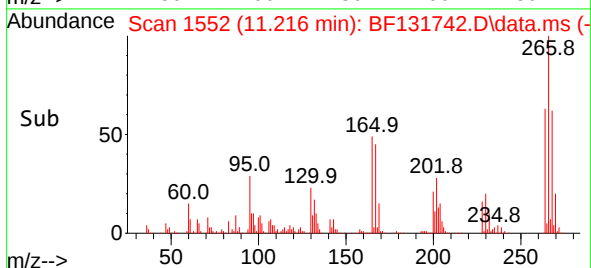
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

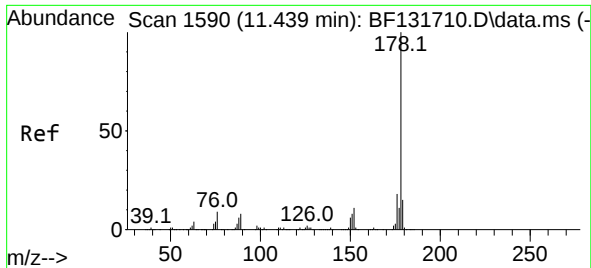


#70
Pentachlorophenol
Concen: 87.852 ng
RT: 11.216 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18



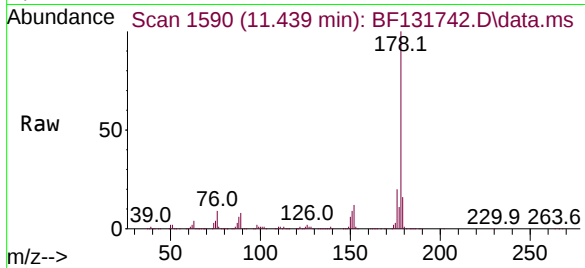
Tgt Ion:266 Resp: 227729
Ion Ratio Lower Upper
266 100
268 62.5 52.2 78.4
264 62.9 52.0 78.0





#71
Phenanthrene
Concen: 40.164 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

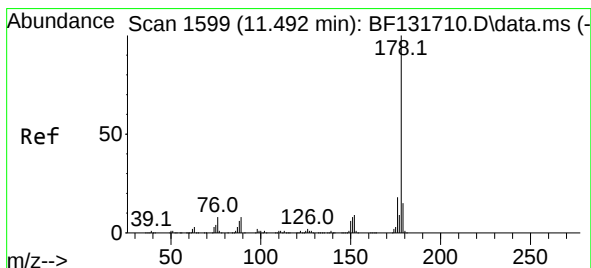
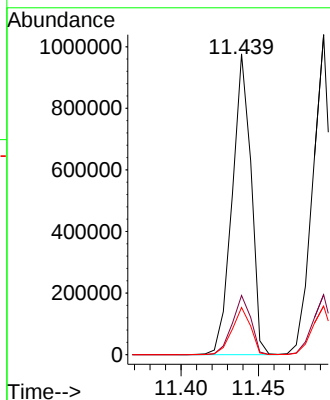
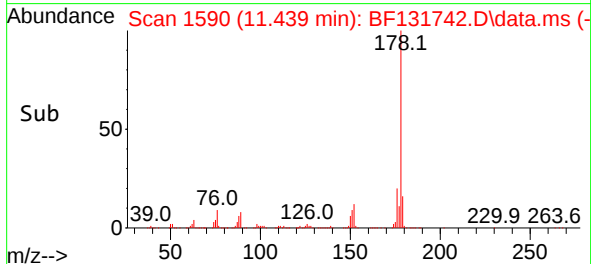
Instrument :
BNA_F
ClientSampleId :
PB149732BSD



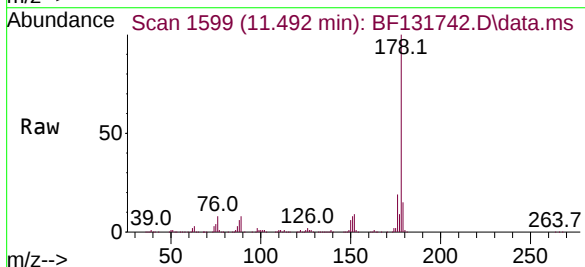
Tgt Ion:178 Resp: 823454
Ion Ratio Lower Upper
178 100
176 19.7 14.8 22.2
179 15.7 12.2 18.4

Manual Integrations
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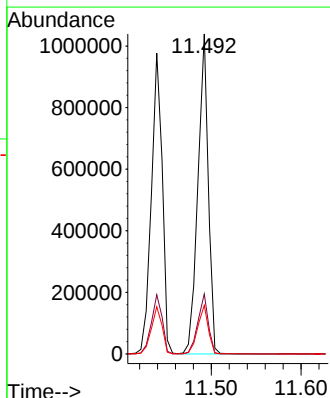
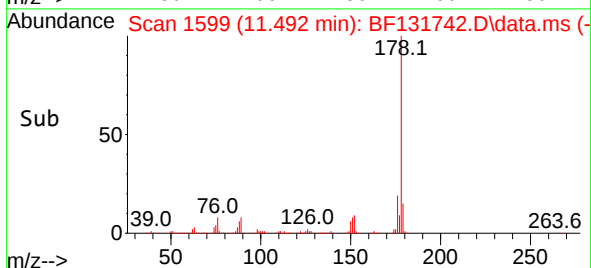
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

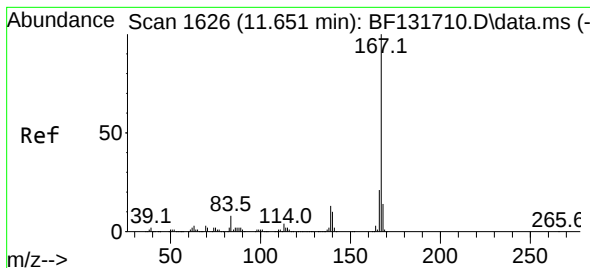


#72
Anthracene
Concen: 41.799 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18



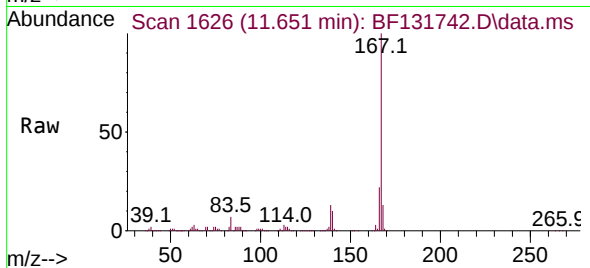
Tgt Ion:178 Resp: 839101
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 15.2 12.2 18.4





#73
 Carbazole
 Concen: 41.381 ng
 RT: 11.651 min Scan# 1626
 Delta R.T. 0.000 min
 Lab File: BF131742.D
 Acq: 21 Dec 2022 12:18

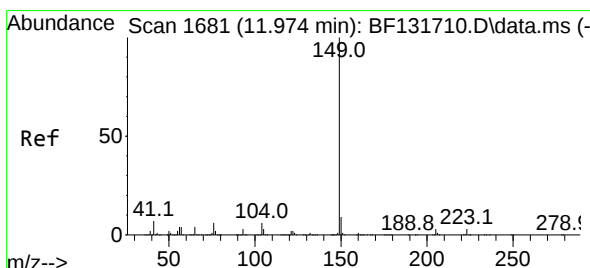
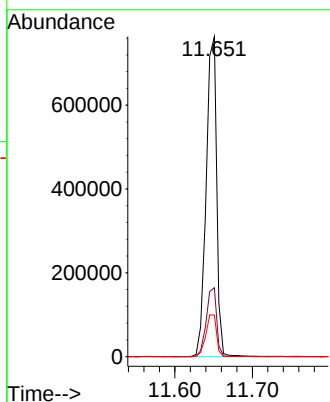
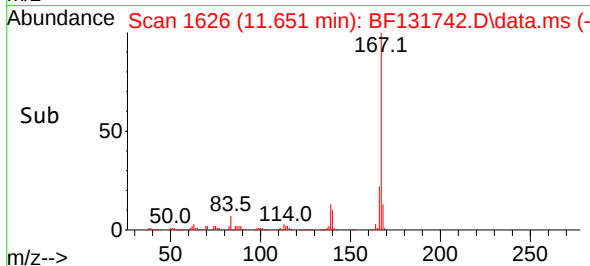
Instrument :
 BNA_F
 ClientSampleId :
 PB149732BSD



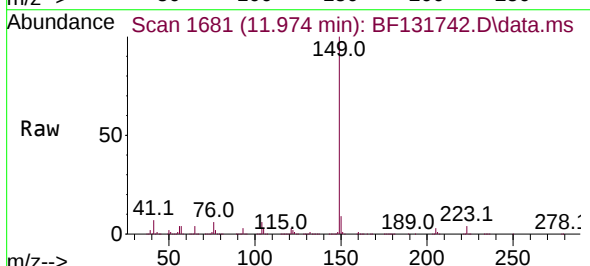
Tgt Ion:167 Resp: 718705
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 13.0 10.5 15.7

Manual Integrations
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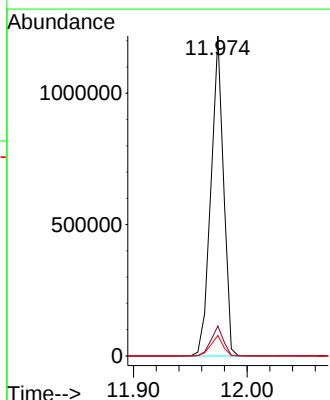
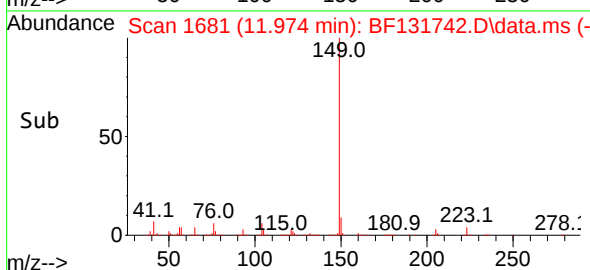
Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :Jagrut Upadhyay 12/22/2022

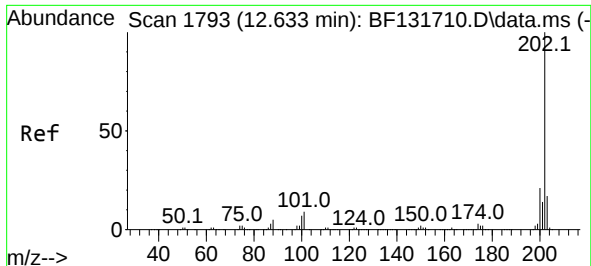


#74
 Di-n-butylphthalate
 Concen: 43.587 ng
 RT: 11.974 min Scan# 1681
 Delta R.T. 0.000 min
 Lab File: BF131742.D
 Acq: 21 Dec 2022 12:18



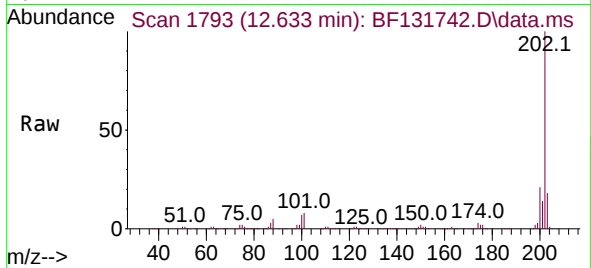
Tgt Ion:149 Resp: 942633
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 6.4 5.0 7.4





#75
Fluoranthene
Concen: 40.781 ng
RT: 12.633 min Scan# 1793
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

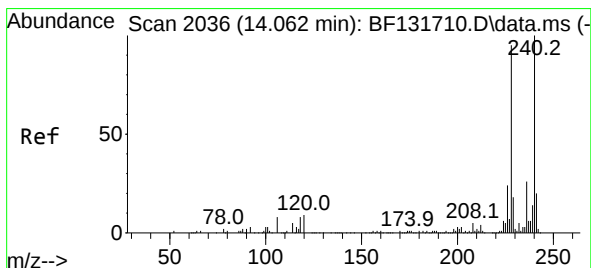
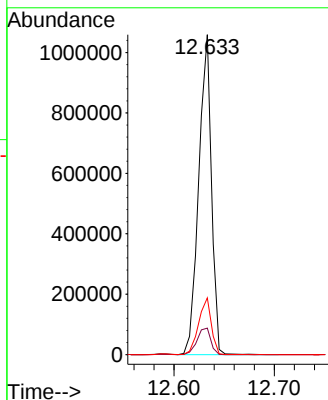
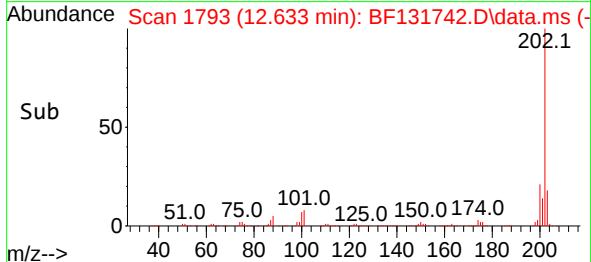
Instrument :
BNA_F
ClientSampleId :
PB149732BSD



Tgt Ion:202 Resp: 931178
Ion Ratio Lower Upper
202 100
101 8.3 0.0 28.8
203 17.7 0.0 37.1

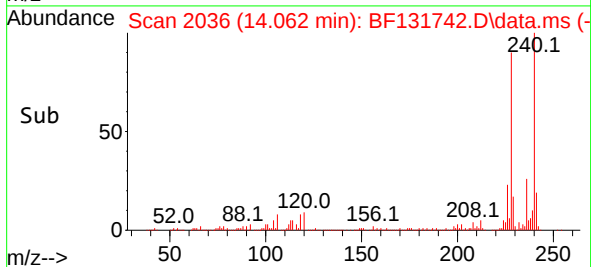
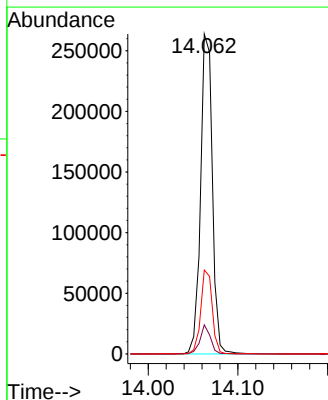
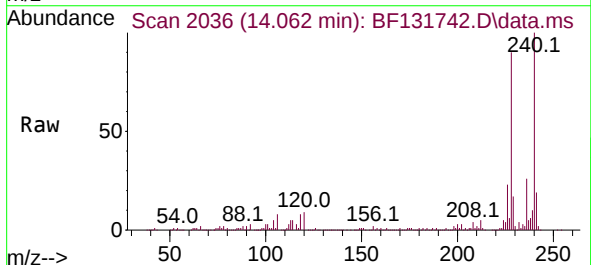
Manual Integrations
APPROVED

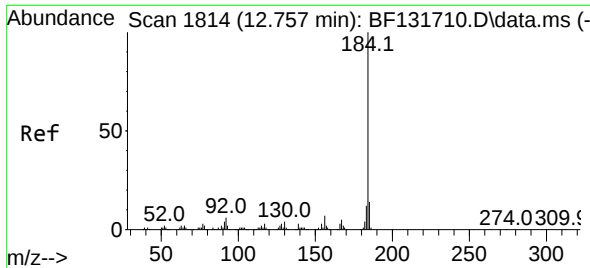
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

Tgt Ion:240 Resp: 240739
Ion Ratio Lower Upper
240 100
120 9.1 7.6 11.4
236 26.2 21.2 31.8





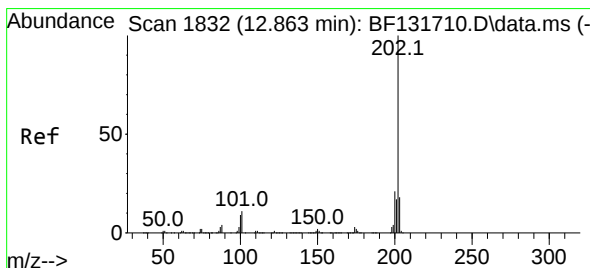
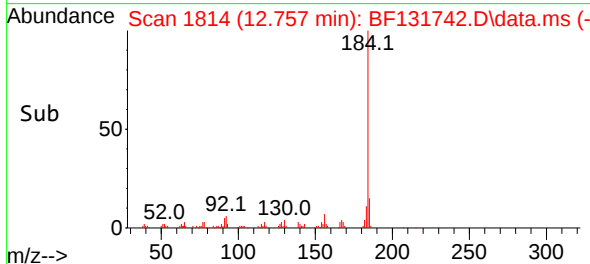
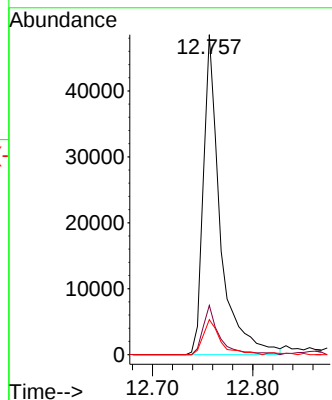
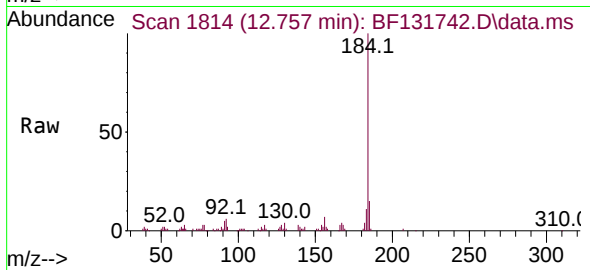
#77
Benzidine
Concen: 12.829 ng
RT: 12.757 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB149732BSD

Tgt Ion:184 Resp: 56630
Ion Ratio Lower Upper
184 100
185 15.4 11.3 16.9
183 10.9 9.3 13.9

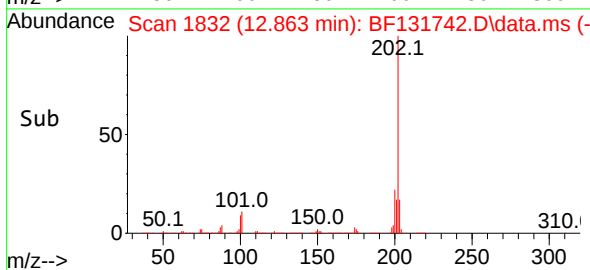
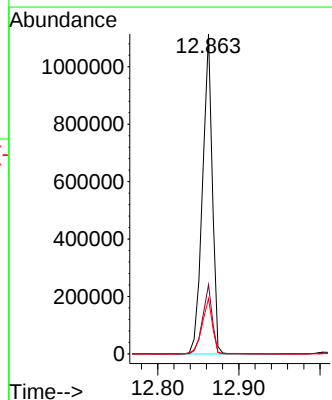
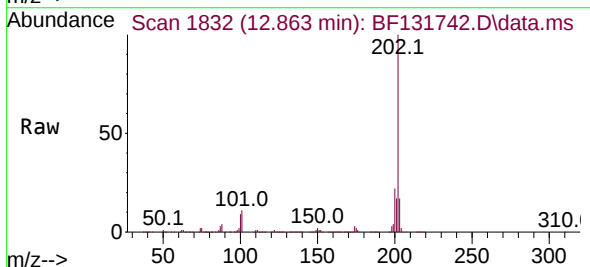
Manual Integrations
APPROVED

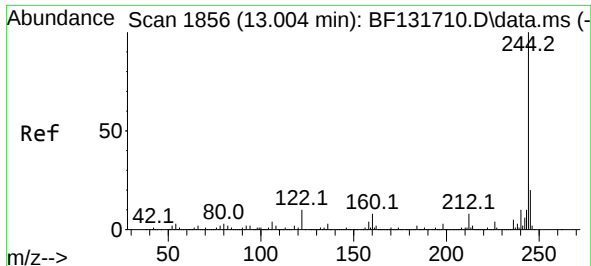
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#78
Pyrene
Concen: 42.492 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

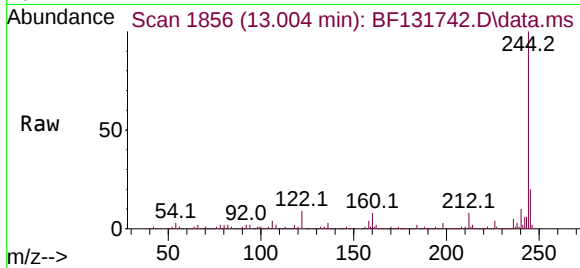
Tgt Ion:202 Resp: 930063
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 17.3 14.1 21.1





#79
 Terphenyl-d14
 Concen: 95.915 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: BF131742.D
 Acq: 21 Dec 2022 12:18

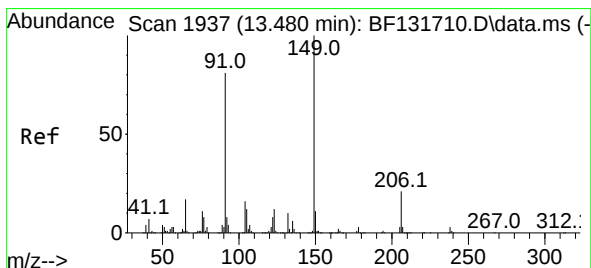
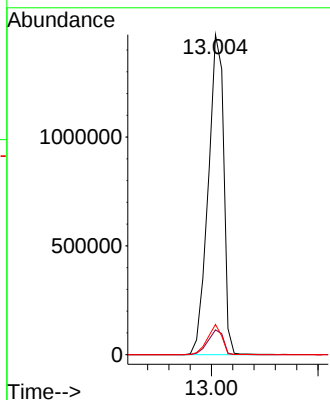
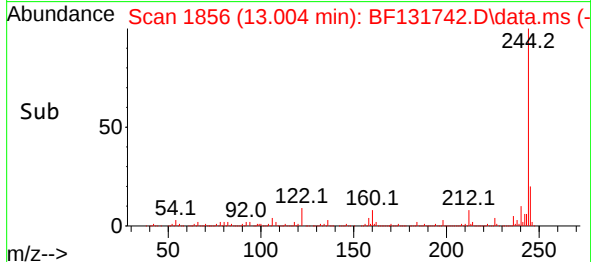
Instrument :
 BNA_F
 ClientSampleId :
 PB149732BSD



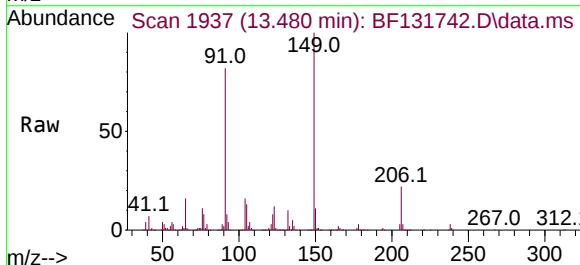
Tgt Ion:244 Resp: 1481558
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 9.4 7.7 11.5

Manual Integrations
 APPROVED

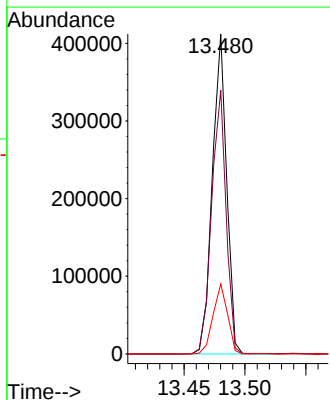
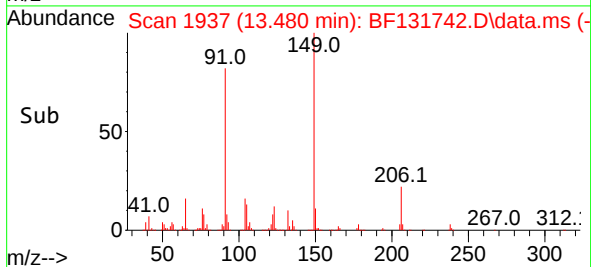
Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :Jagrut Upadhyay 12/22/2022

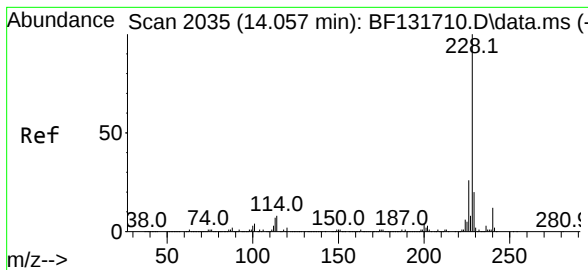


#80
 Butylbenzylphthalate
 Concen: 43.711 ng
 RT: 13.480 min Scan# 1937
 Delta R.T. 0.000 min
 Lab File: BF131742.D
 Acq: 21 Dec 2022 12:18



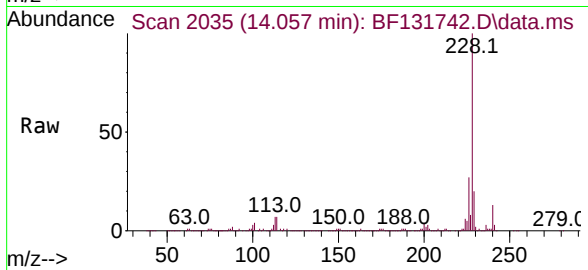
Tgt Ion:149 Resp: 337440
 Ion Ratio Lower Upper
 149 100
 91 82.4 64.9 97.3
 206 21.9 17.0 25.4





#81
Benzo(a)anthracene
Concen: 40.318 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

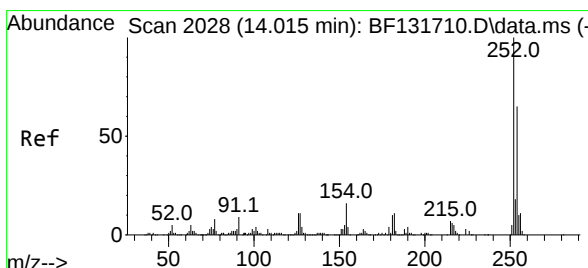
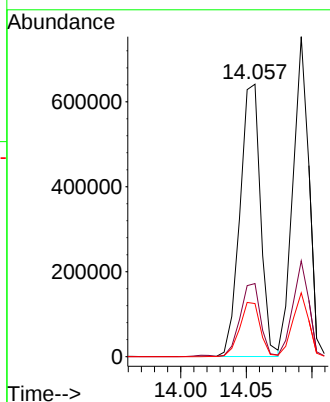
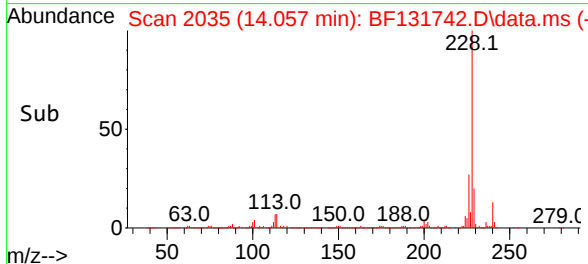
Instrument :
BNA_F
ClientSampleId :
PB149732BSD



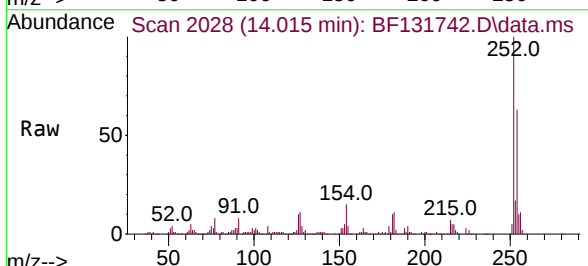
Tgt Ion:228 Resp: 699050
Ion Ratio Lower Upper
228 100
226 26.8 21.0 31.4
229 19.5 15.8 23.8

Manual Integrations
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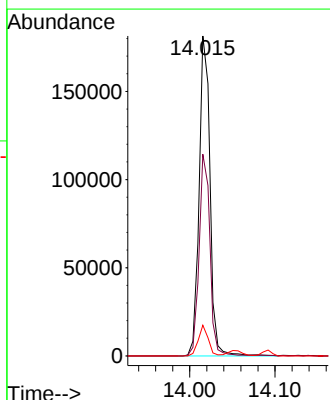
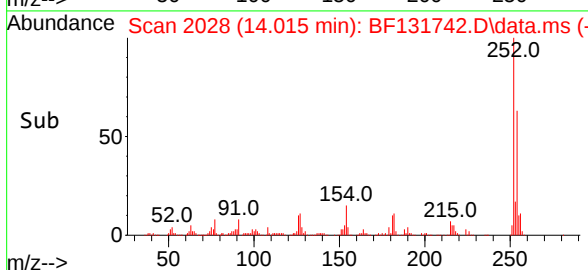
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

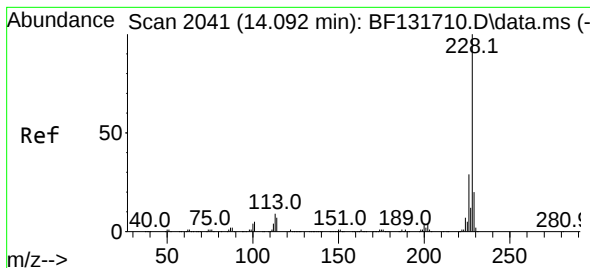


#82
3,3'-Dichlorobenzidine
Concen: 33.141 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18



Tgt Ion:252 Resp: 160425
Ion Ratio Lower Upper
252 100
254 63.0 52.1 78.1
126 9.6 8.4 12.6





#83

Chrysene

Concen: 39.235 ng

RT: 14.092 min Scan# 2041

Delta R.T. 0.000 min

Lab File: BF131742.D

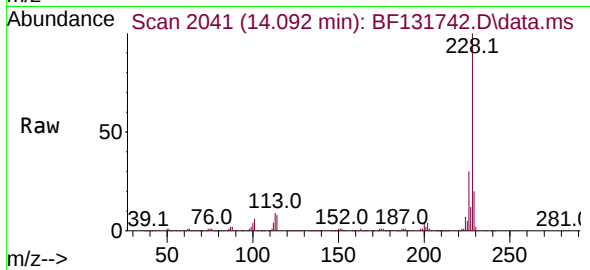
Acq: 21 Dec 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB149732BSD



Tgt Ion:228 Resp: 642062

Ion Ratio Lower Upper

228 100

226 29.9 23.5 35.3

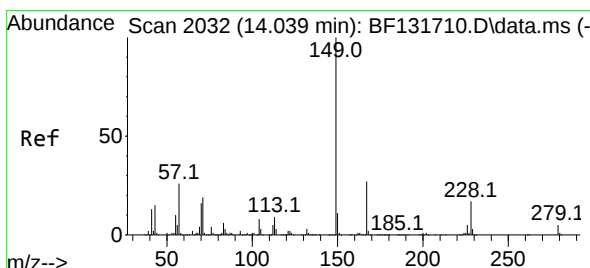
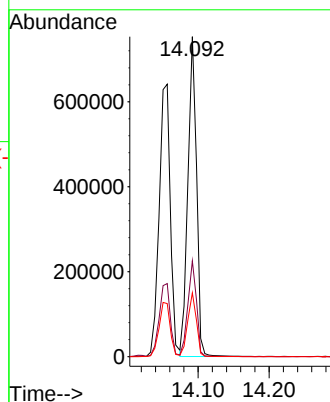
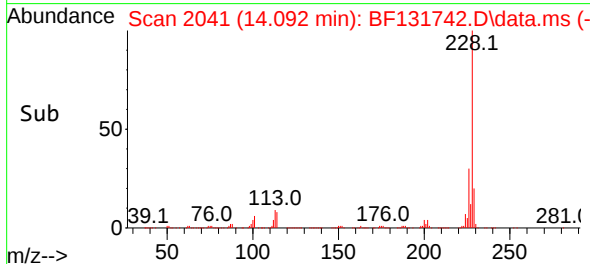
229 19.9 15.6 23.4

Manual Integrations

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Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.731 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF131742.D

Acq: 21 Dec 2022 12:18

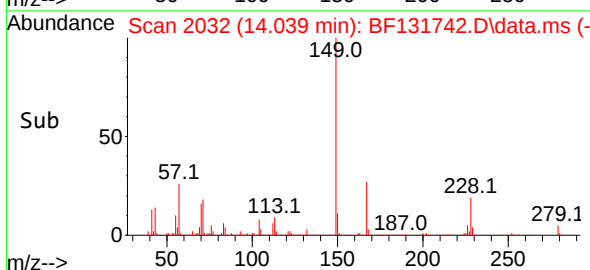
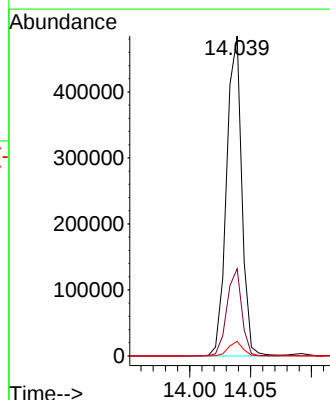
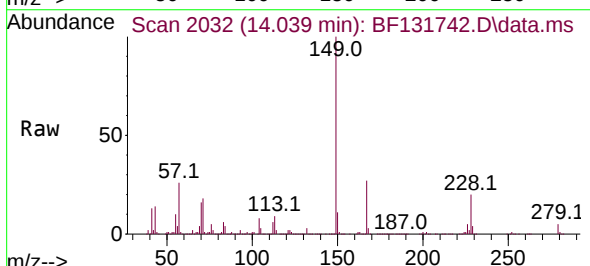
Tgt Ion:149 Resp: 420963

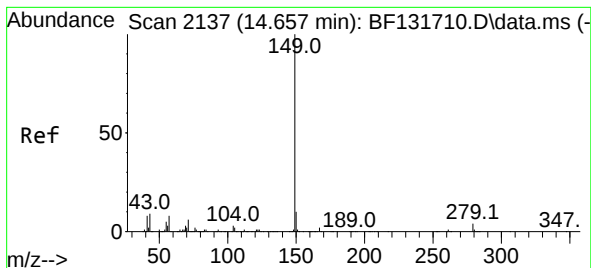
Ion Ratio Lower Upper

149 100

167 27.2 21.7 32.5

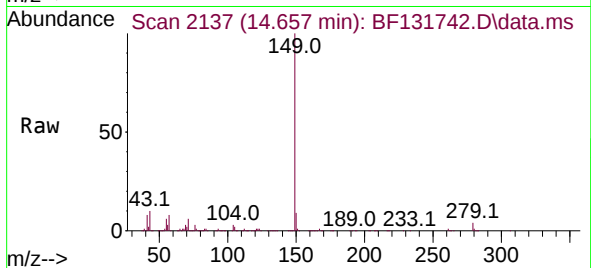
279 4.6 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 45.472 ng
RT: 14.657 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

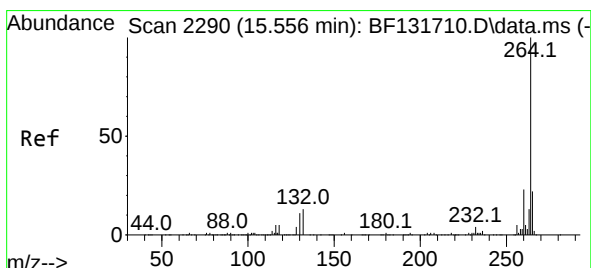
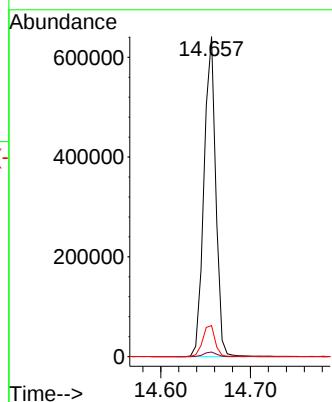
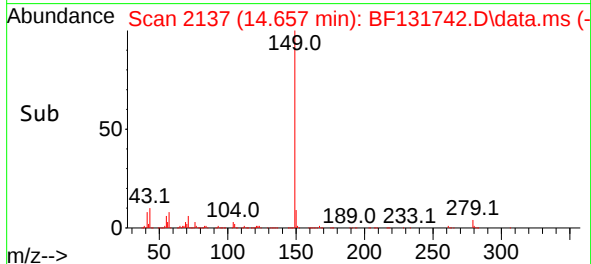
Instrument :
BNA_F
ClientSampleId :
PB149732BSD



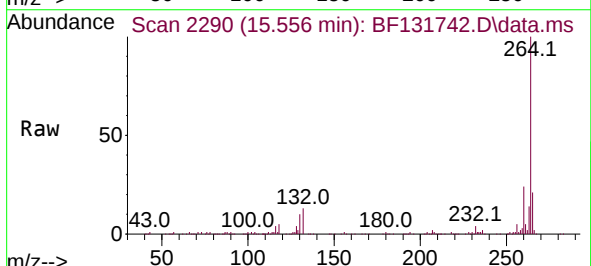
Tgt Ion:149 Resp: 584294
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.0
43 10.5 8.3 12.5

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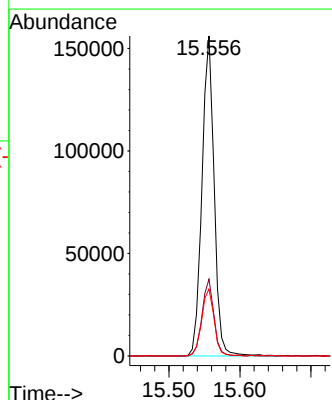
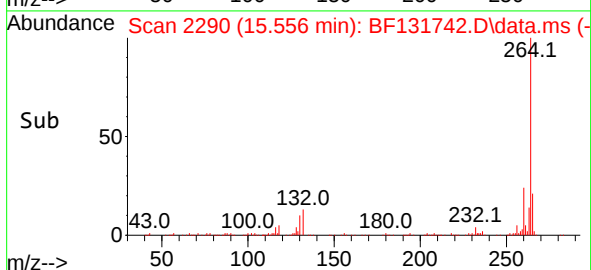
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

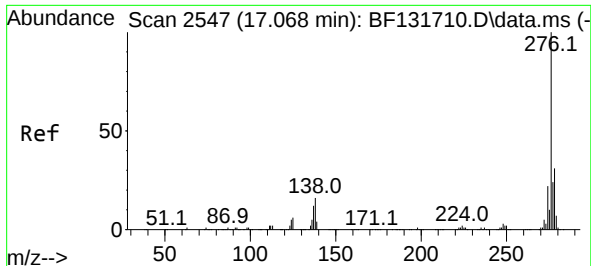


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18



Tgt Ion:264 Resp: 184596
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 20.9 17.4 26.2





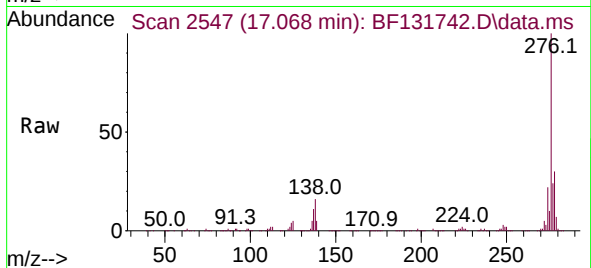
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.991 ng
RT: 17.068 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB149732BSD

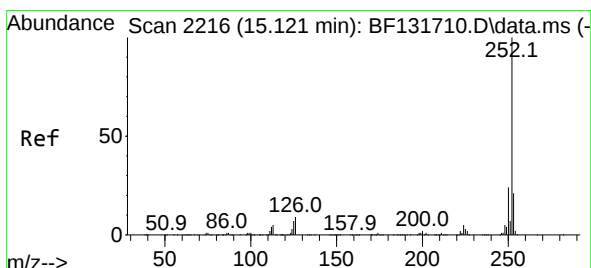
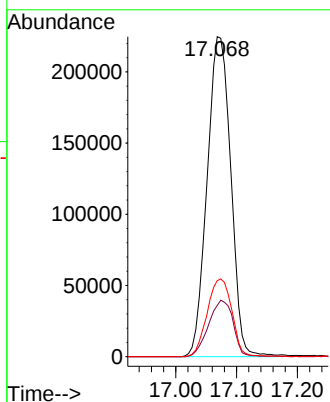
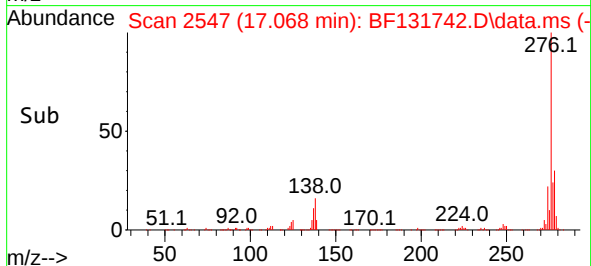


Tgt Ion:276 Resp: 60744
Ion Ratio Lower Upper
276 100
138 18.3 14.4 21.6
277 25.3 19.8 29.8

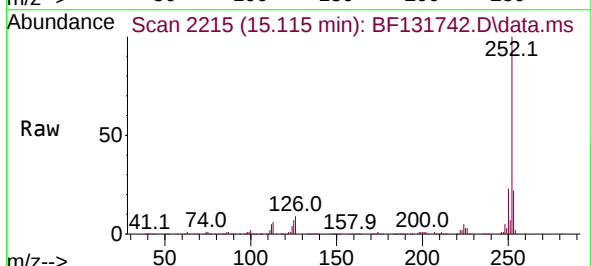
Manual Integrations

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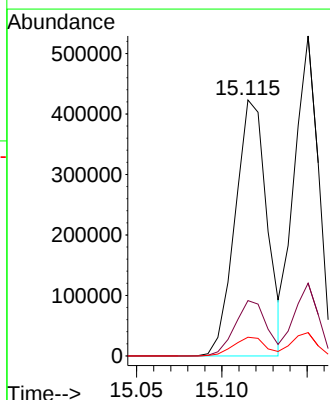
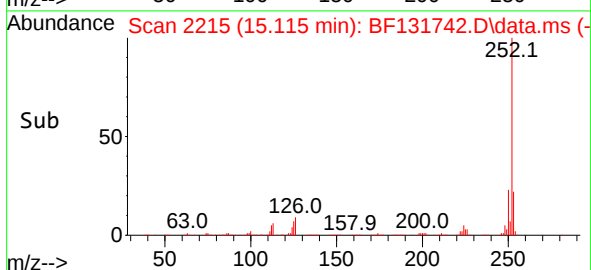
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

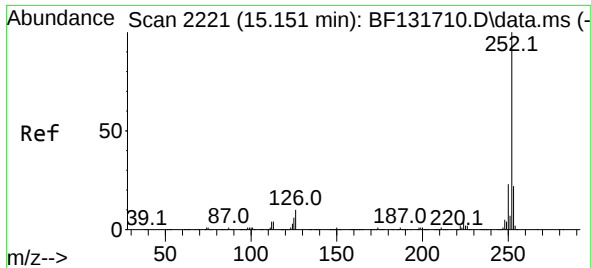


#88
Benzo(b)fluoranthene
Concen: 42.081 ng
RT: 15.115 min Scan# 2215
Delta R.T. -0.006 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18



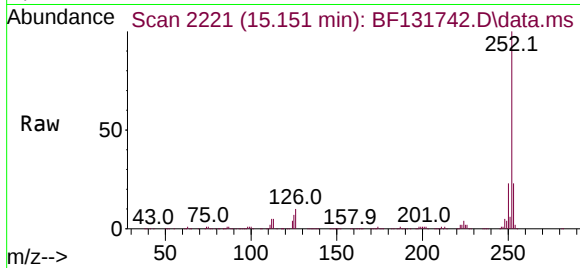
Tgt Ion:252 Resp: 549568
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 7.3 5.5 8.3





#89
Benzo(k)fluoranthene
Concen: 41.727 ng
RT: 15.151 min Scan# 2221
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

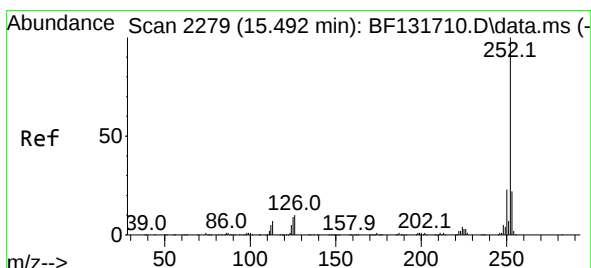
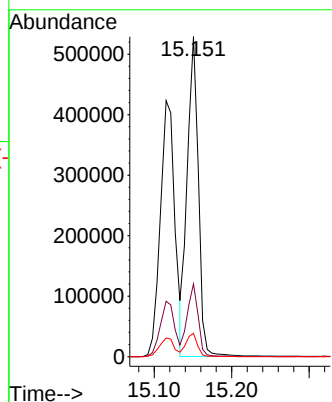
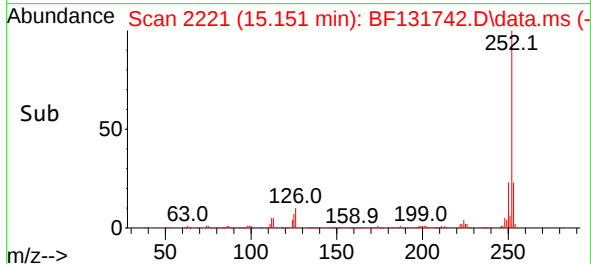
Instrument :
BNA_F
ClientSampleId :
PB149732BSD



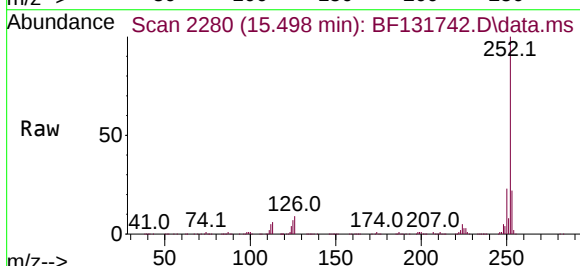
Tgt Ion:252 Resp: 531763
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 7.3 5.2 7.8

Manual Integrations
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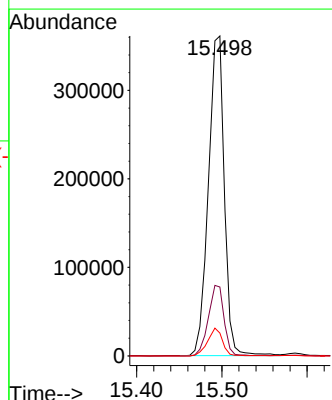
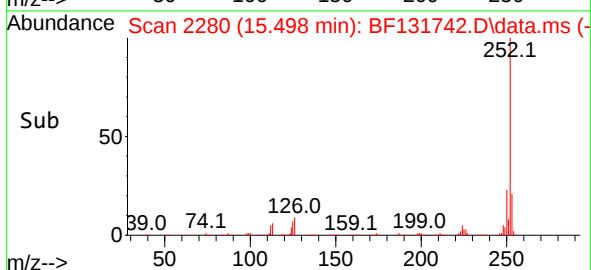
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

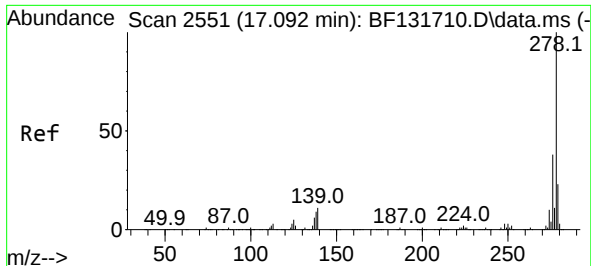


#90
Benzo(a)pyrene
Concen: 45.378 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18



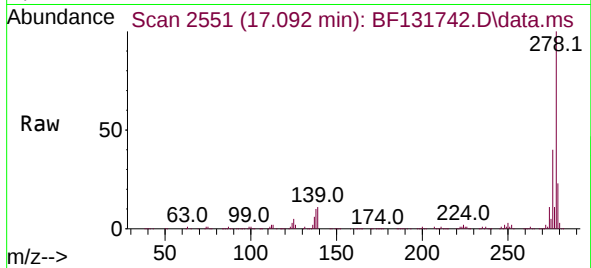
Tgt Ion:252 Resp: 469429
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 7.1 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 51.568 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18

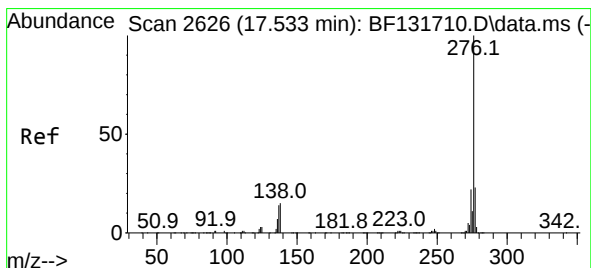
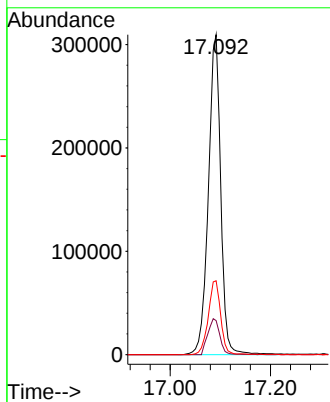
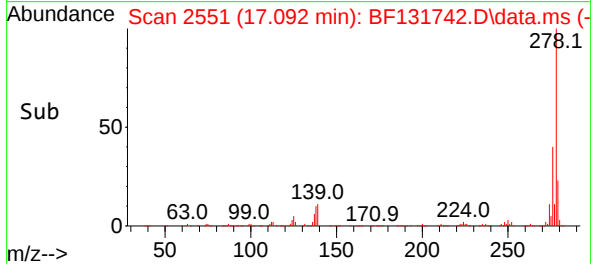
Instrument :
BNA_F
ClientSampleId :
PB149732BSD



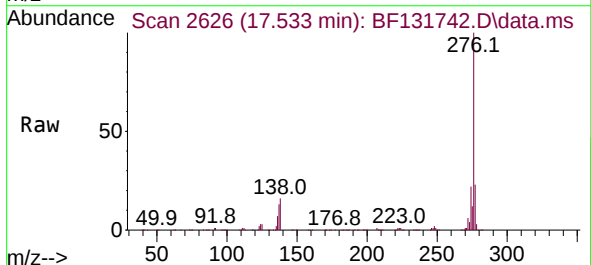
Tgt Ion:278 Resp: 528392
Ion Ratio Lower Upper
278 100
139 10.6 8.7 13.1
279 23.1 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#92
Benzo(g,h,i)perylene
Concen: 50.021 ng
RT: 17.533 min Scan# 2626
Delta R.T. 0.000 min
Lab File: BF131742.D
Acq: 21 Dec 2022 12:18



Tgt Ion:276 Resp: 506598
Ion Ratio Lower Upper
276 100
277 23.2 18.3 27.5
138 15.7 12.3 18.5

