

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
 Data File : BF131784.D
 Acq On : 22 Dec 2022 19:07
 Operator : CG\JU
 Sample : N6178-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS

Quant Time: Dec 23 03:32:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 03:03:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	78941	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	286176	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	166174	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	330024	20.000	ng	0.00
76) Chrysene-d12	14.051	240	198493	20.000	ng	0.00
86) Perylene-d12	15.533	264	161717	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	619465	132.138	ng	0.02
7) Phenol-d6	6.493	99	810697	128.479	ng	0.00
23) Nitrobenzene-d5	7.428	82	571380	81.055	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	245418	134.931	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	971935	81.933	ng	0.00
79) Terphenyl-d14	12.992	244	1116857	87.693	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	101090	46.144	ng	97
3) Pyridine	3.405	79	272243	43.581	ng	100
4) n-Nitrosodimethylamine	3.381	42	137171	48.535	ng	93
6) Aniline	6.516	93	196981	25.287	ng	93
8) 2-Chlorophenol	6.640	128	245946	48.845	ng	100
9) Benzaldehyde	6.404	77	194591	54.438	ng	96
10) Phenol	6.504	94	346934	46.051	ng	99
11) bis(2-Chloroethyl)ether	6.593	93	266113	49.361	ng	99
12) 1,3-Dichlorobenzene	6.793	146	272284	47.838	ng	98
13) 1,4-Dichlorobenzene	6.875	146	271414	46.650	ng	100
14) 1,2-Dichlorobenzene	7.028	146	260575	47.834	ng	98
15) Benzyl Alcohol	7.004	79	267851	47.526	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	341739	49.713	ng	99
17) 2-Methylphenol	7.116	107	220342	46.354	ng	96
18) Hexachloroethane	7.369	117	112646	48.842	ng	100
19) n-Nitroso-di-n-propyla...	7.275	70	215655	47.388	ng	95
20) 3+4-Methylphenols	7.269	107	283460	46.333	ng	97
22) Acetophenone	7.269	105	401587	48.086	ng	# 90
24) Nitrobenzene	7.445	77	332502	46.397	ng	97
25) Isophorone	7.687	82	595891	49.775	ng	99
26) 2-Nitrophenol	7.763	139	132740	47.394	ng	97
27) 2,4-Dimethylphenol	7.798	122	225313	56.483	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	332780	52.346	ng	98
29) 2,4-Dichlorophenol	8.004	162	227981	47.341	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	260780	46.063	ng	98
31) Naphthalene	8.169	128	705314	45.129	ng	100
32) Benzoic acid	7.939	122	150406	47.103	ng	98
33) 4-Chloroaniline	8.216	127	43002	7.055	ng	97
34) Hexachlorobutadiene	8.281	225	173395	45.523	ng	99
35) Caprolactam	8.604	113	35697	24.583	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	267538	48.633	ng	99
37) 2-Methylnaphthalene	8.863	142	487217	45.701	ng	100
38) 1-Methylnaphthalene	8.963	142	451233	43.701	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	277103	48.740	ng	98
41) Hexachlorocyclopentadiene	9.010	237	334815	129.987	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	175550	47.269	ng	97

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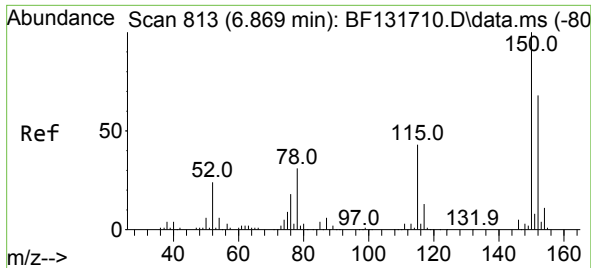
Quant Time: Dec 23 03:32:48 2022
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 QLast Update : Fri Dec 23 03:03:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	186592	46.410	ng	96
46) 1,1'-Biphenyl	9.328	154	609434	48.757	ng	99
47) 2-Chloronaphthalene	9.357	162	488538	47.731	ng	99
48) 2-Nitroaniline	9.457	65	174074	47.186	ng	96
49) Acenaphthylene	9.775	152	733311	47.767	ng	99
50) Dimethylphthalate	9.639	163	596362	47.695	ng	98
51) 2,6-Dinitrotoluene	9.698	165	130816	48.655	ng	95
52) Acenaphthene	9.945	154	434297	46.181	ng	99
53) 3-Nitroaniline	9.869	138	56163	20.415	ng	98
54) 2,4-Dinitrophenol	9.981	184	152144	94.442	ng	98
55) Dibenzofuran	10.122	168	678043	47.019	ng	97
56) 4-Nitrophenol	10.039	139	190331	96.665	ng	96
57) 2,4-Dinitrotoluene	10.104	165	178440	49.391	ng	93
58) Fluorene	10.463	166	544134	46.670	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.192	232	153160	45.631	ng	96
60) Diethylphthalate	10.339	149	579285	48.081	ng	98
61) 4-Chlorophenyl-phenyle...	10.451	204	294536	47.530	ng	99
62) 4-Nitroaniline	10.492	138	125242	45.235	ng	93
63) Azobenzene	10.616	77	651833	49.267	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	102297	45.148	ng	91
66) n-Nitrosodiphenylamine	10.575	169	467997	45.728	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	180098	46.205	ng	99
68) Hexachlorobenzene	11.004	284	192472	44.898	ng	97
69) Atrazine	11.104	200	184259	54.010	ng	100
70) Pentachlorophenol	11.204	266	217337	95.522	ng	98
71) Phenanthrene	11.428	178	795811	44.222	ng	98
72) Anthracene	11.480	178	816213	46.322	ng	99
73) Carbazole	11.639	167	705756	46.296	ng	99
74) Di-n-butylphthalate	11.963	149	897275	47.269	ng	100
75) Fluoranthene	12.622	202	886145	44.214	ng	99
77) Benzidine	12.745	184	386993	106.325	ng	99
78) Pyrene	12.851	202	896947	49.701	ng	99
80) Butylbenzylphthalate	13.469	149	351220	55.180	ng	100
81) Benzo(a)anthracene	14.039	228	662103	46.315	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	91593	22.949	ng	99
83) Chrysene	14.080	228	632564	46.882	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	457228	60.242	ng	99
85) Di-n-octyl phthalate	14.639	149	636241	60.053	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	574953	52.931	ng	100
88) Benzo(b)fluoranthene	15.104	252	531425	46.448	ng	99
89) Benzo(k)fluoranthene	15.133	252	502129	44.976	ng	99
90) Benzo(a)pyrene	15.474	252	446813	49.302	ng	98
91) Dibenzo(a,h)anthracene	17.057	278	479434	53.409	ng	100
92) Benzo(g,h,i)perylene	17.498	276	478690	53.952	ng	99

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

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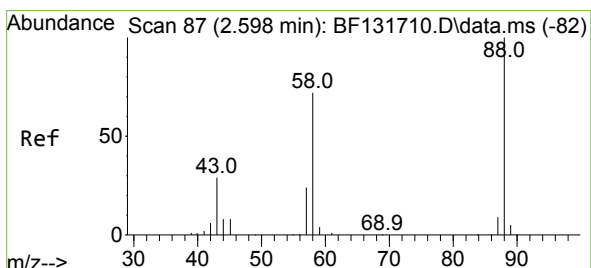
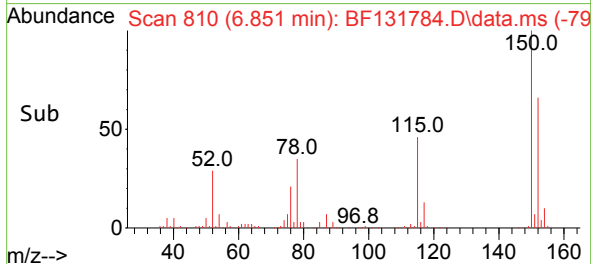
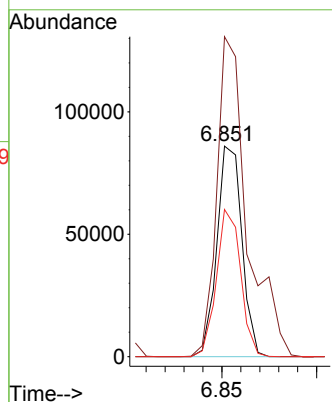
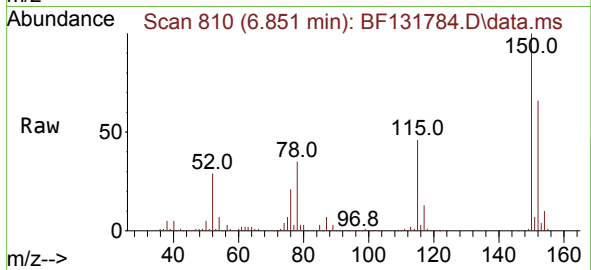




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131784.D
 Acq: 22 Dec 2022 19:07

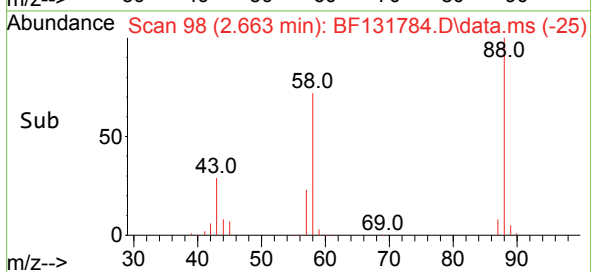
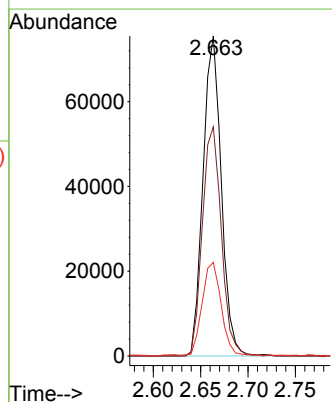
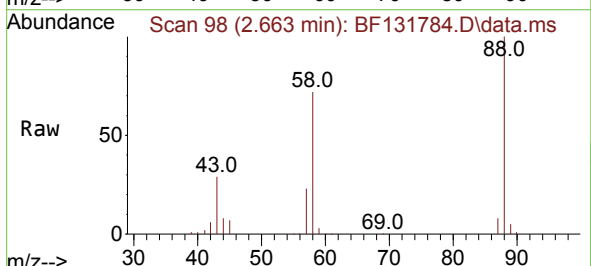
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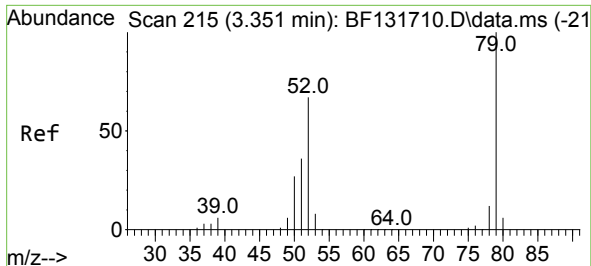
Tgt Ion:152 Resp: 78941
 Ion Ratio Lower Upper
 152 100
 150 151.9 117.4 176.0
 115 69.9 50.2 75.4



#2
 1,4-Dioxane
 Concen: 46.144 ng
 RT: 2.663 min Scan# 98
 Delta R.T. 0.082 min
 Lab File: BF131784.D
 Acq: 22 Dec 2022 19:07

Tgt Ion: 88 Resp: 101090
 Ion Ratio Lower Upper
 88 100
 58 74.4 57.5 86.3
 43 30.7 23.3 34.9

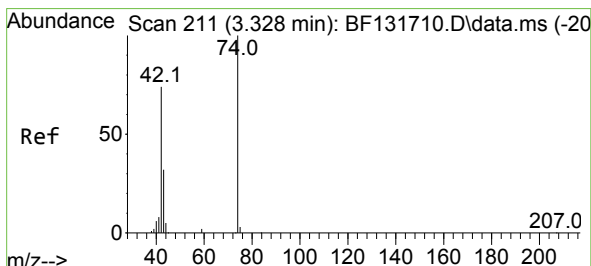
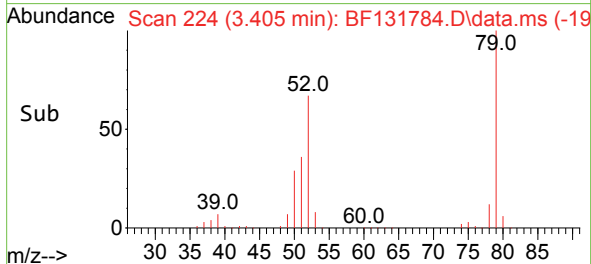
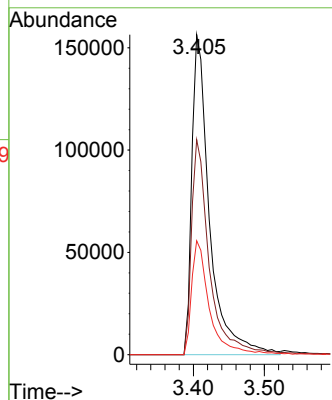
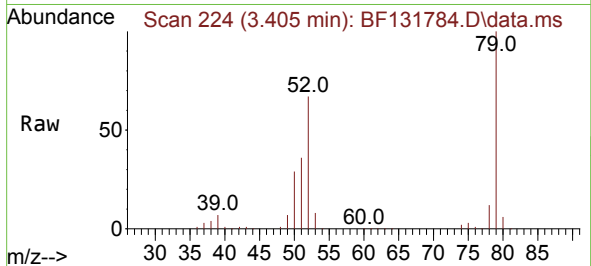




#3
Pyridine
Concen: 43.581 ng
RT: 3.405 min Scan# 215
Delta R.T. 0.076 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

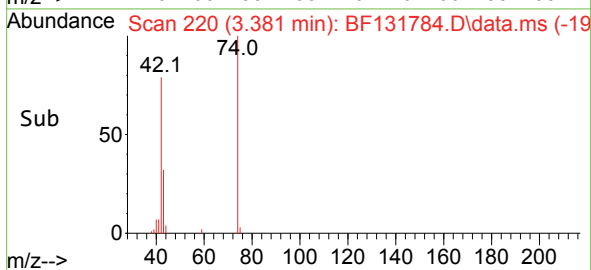
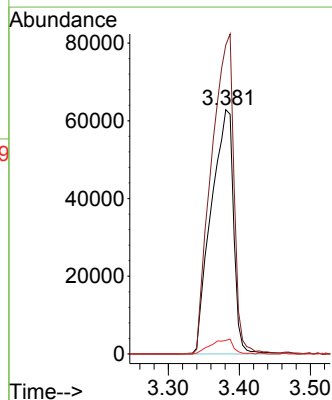
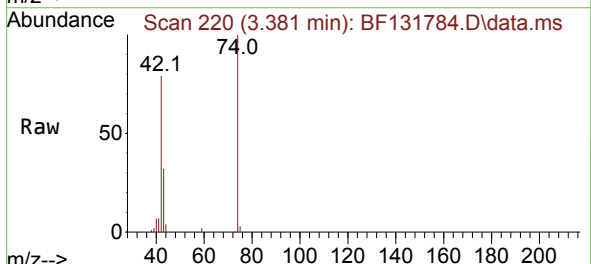
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

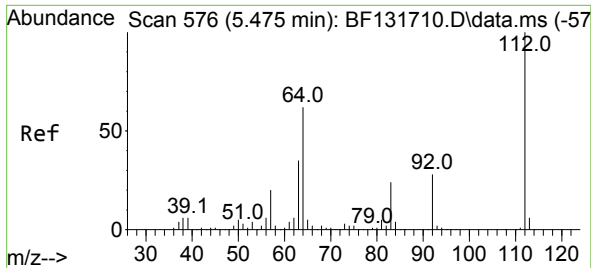
Tgt Ion: 79 Resp: 272243
Ion Ratio Lower Upper
79 100
52 67.2 53.7 80.5
51 35.6 28.6 42.8



#4
n-Nitrosodimethylamine
Concen: 48.535 ng
RT: 3.381 min Scan# 220
Delta R.T. 0.076 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion: 42 Resp: 137171
Ion Ratio Lower Upper
42 100
74 126.4 107.8 161.8
44 5.6 5.5 8.3

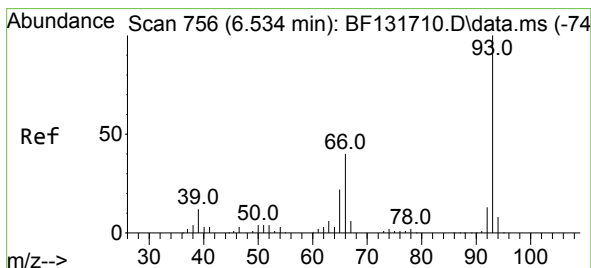
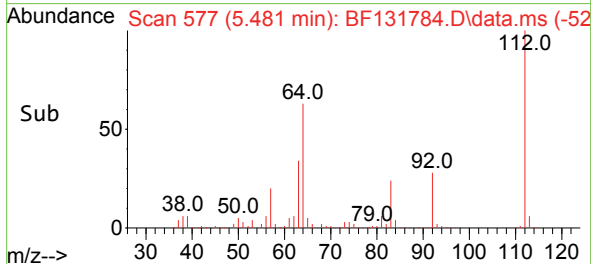
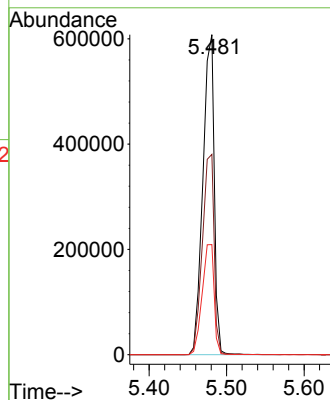
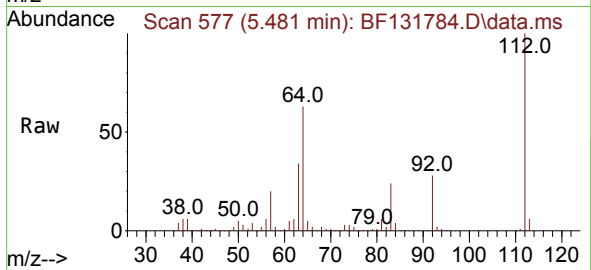




#5
2-Fluorophenol
Concen: 132.138 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

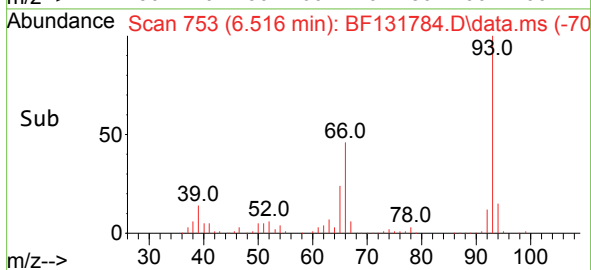
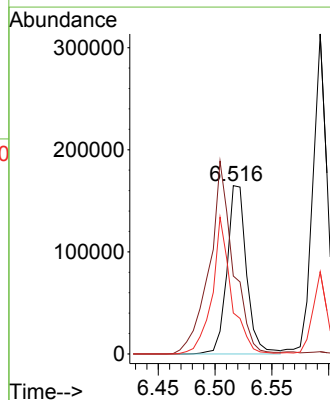
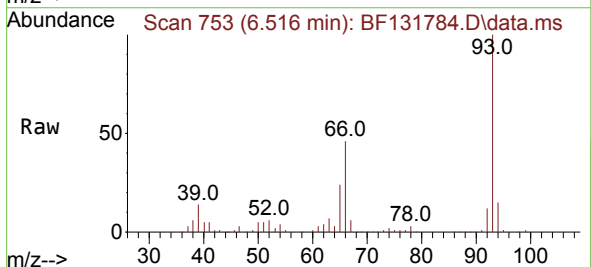
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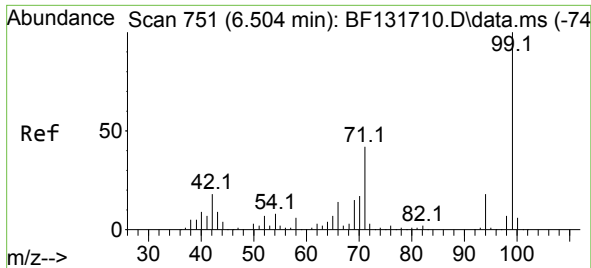
Tgt Ion:112 Resp: 619465
Ion Ratio Lower Upper
112 100
64 62.6 49.5 74.3
63 34.4 28.2 42.2



#6
Aniline
Concen: 25.287 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion: 93 Resp: 196981
Ion Ratio Lower Upper
93 100
66 46.3 32.8 49.2
65 24.3 17.4 26.2

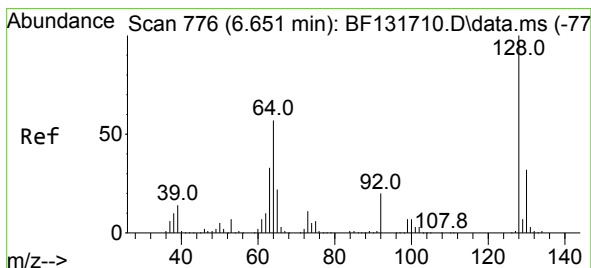
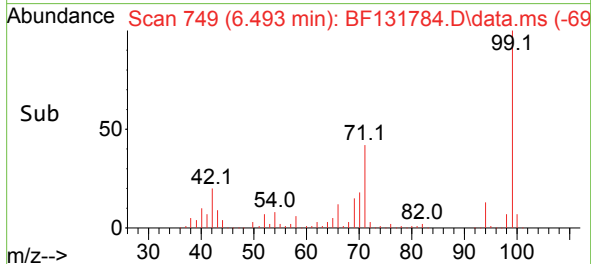
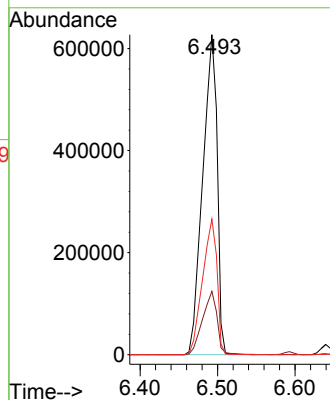
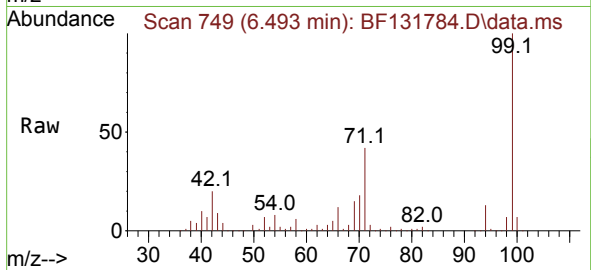




#7
Phenol-d6
Concen: 128.479 ng
RT: 6.493 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

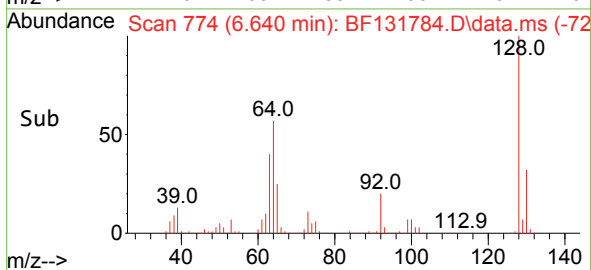
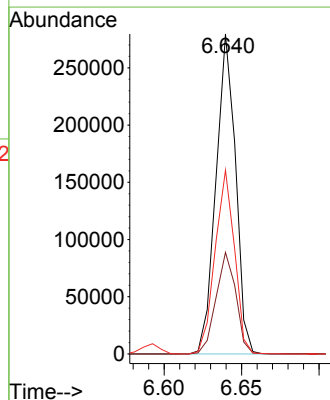
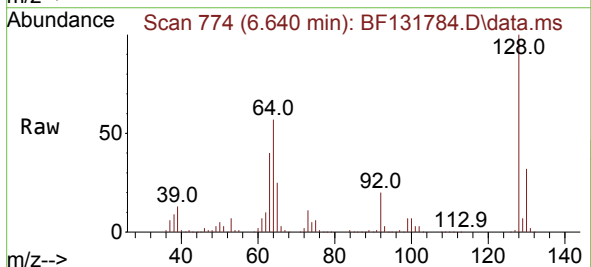
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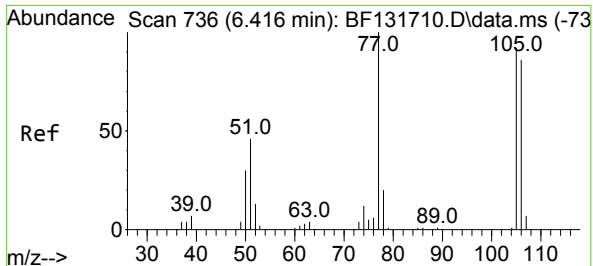
Tgt Ion: 99 Resp: 810697
Ion Ratio Lower Upper
99 100
42 19.8 14.8 22.2
71 42.4 33.8 50.6



#8
2-Chlorophenol
Concen: 48.845 ng
RT: 6.640 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion:128 Resp: 245946
Ion Ratio Lower Upper
128 100
130 31.8 12.0 52.0
64 57.4 37.7 77.7

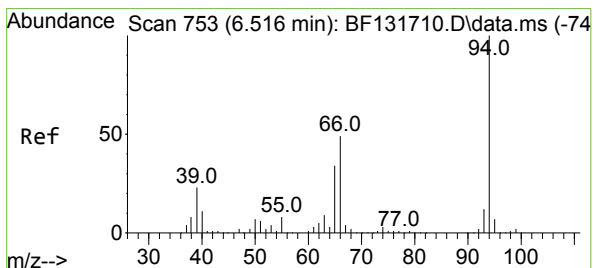
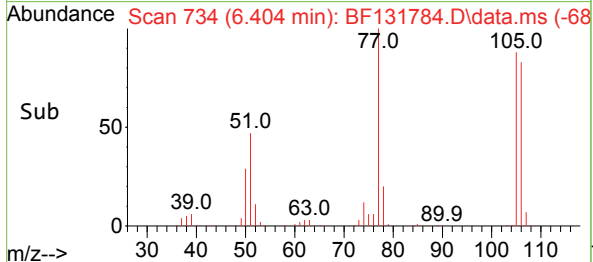
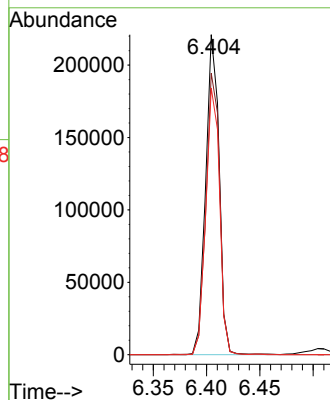
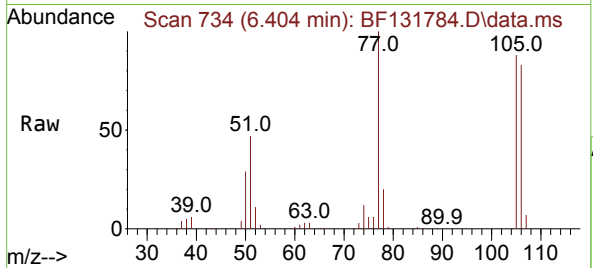




#9
Benzaldehyde
Concen: 54.438 ng
RT: 6.404 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

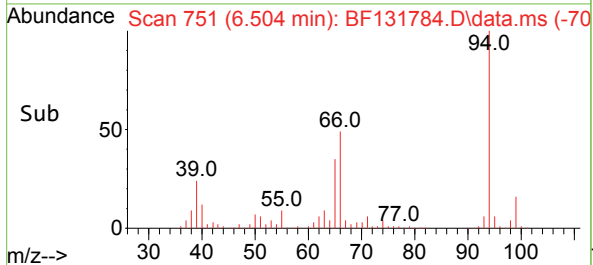
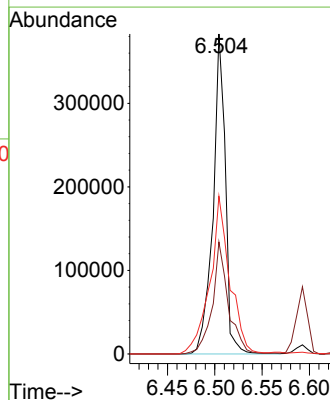
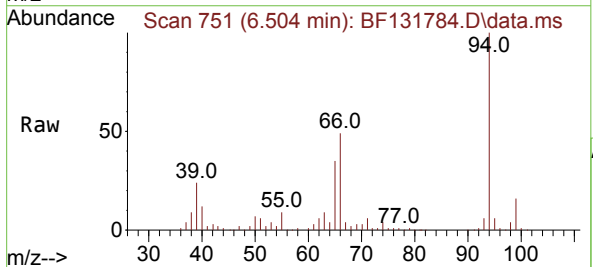
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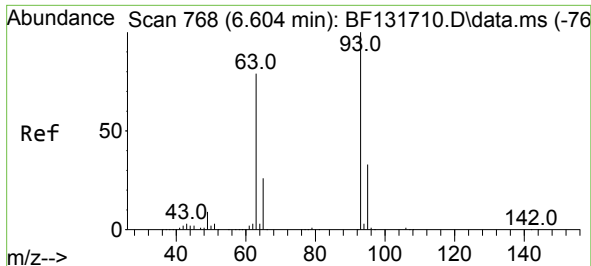
Tgt Ion:	77	Resp:	194591
Ion	Ratio	Lower	Upper
77	100		
105	88.0	72.4	112.4
106	83.4	66.5	106.5



#10
Phenol
Concen: 46.051 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion:	94	Resp:	346934
Ion	Ratio	Lower	Upper
94	100		
65	35.0	14.0	54.0
66	49.3	28.8	68.8

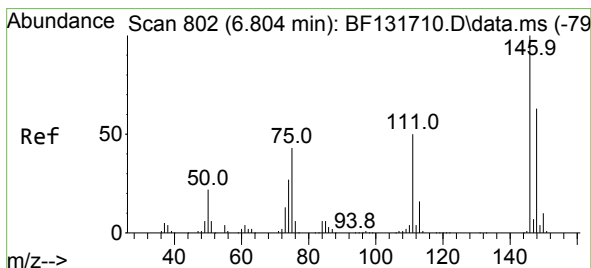
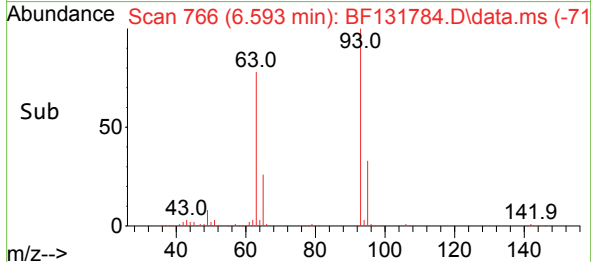
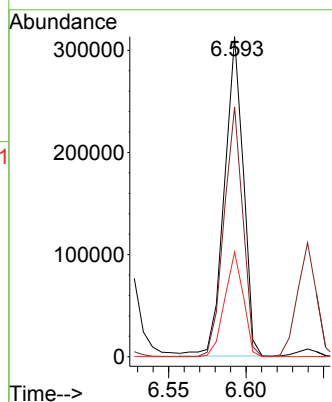
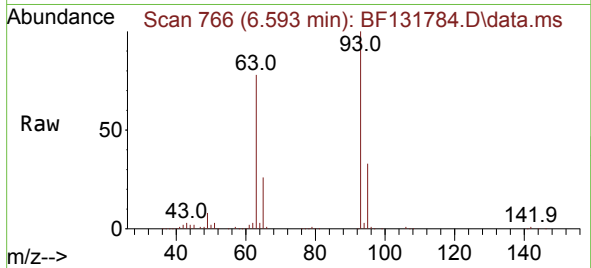




#11
bis(2-Chloroethyl)ether
Concen: 49.361 ng
RT: 6.593 min Scan# 766
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

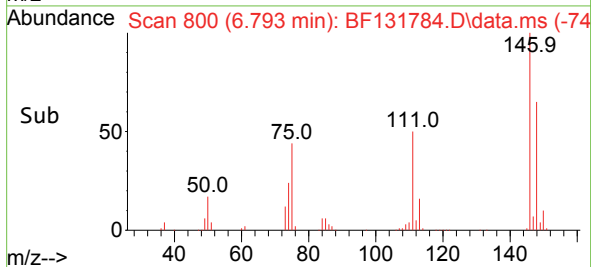
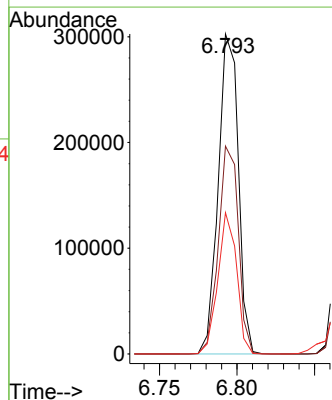
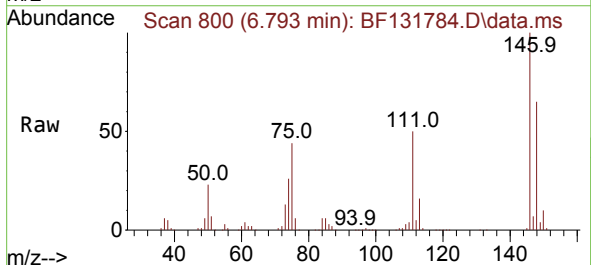
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

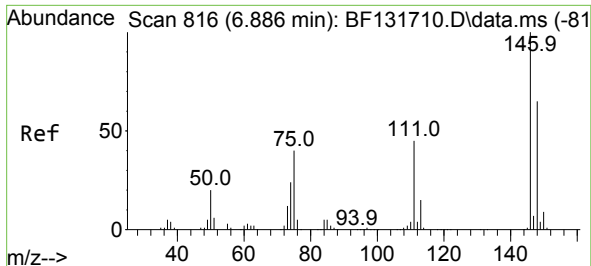
Tgt Ion: 93 Resp: 266113
Ion Ratio Lower Upper
93 100
63 78.0 59.0 99.0
95 32.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 47.838 ng
RT: 6.793 min Scan# 800
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion:146 Resp: 272284
Ion Ratio Lower Upper
146 100
148 64.9 50.6 76.0
75 44.2 34.3 51.5

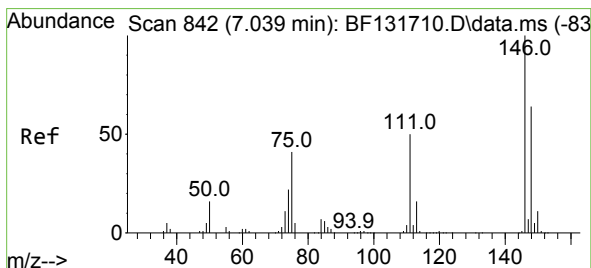
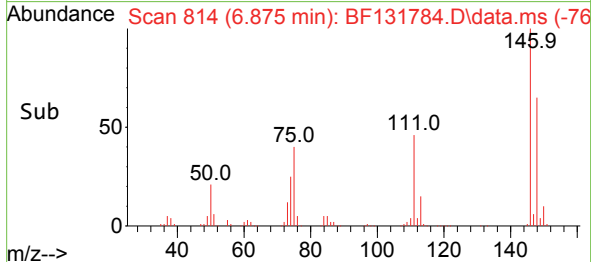
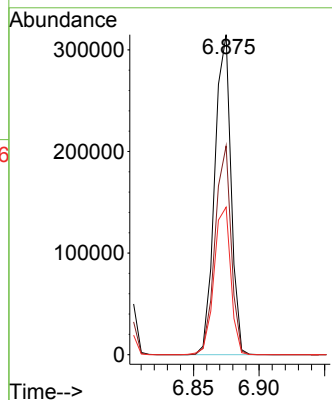
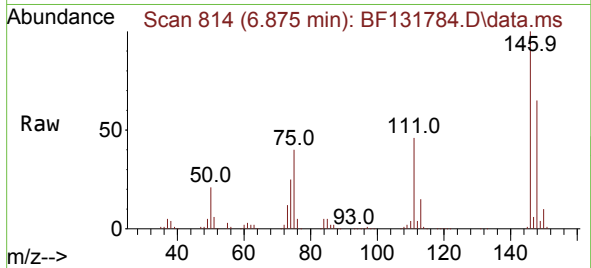




#13
1,4-Dichlorobenzene
Concen: 46.650 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

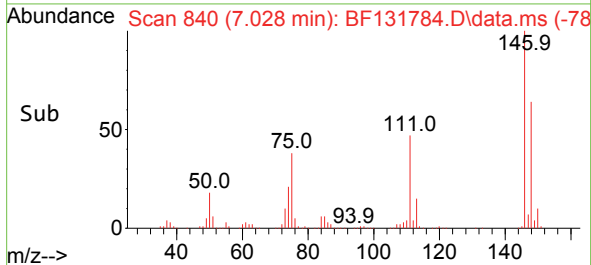
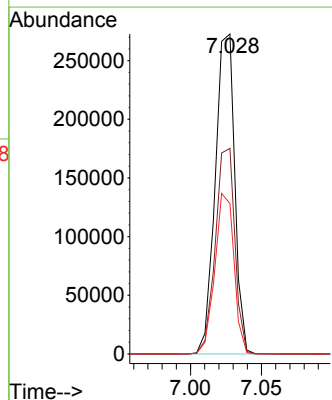
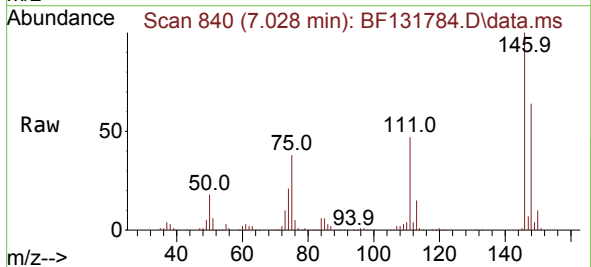
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

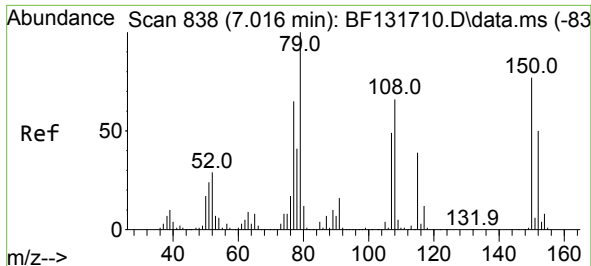
Tgt Ion:146 Resp: 271414
Ion Ratio Lower Upper
146 100
148 65.3 52.2 78.4
111 46.1 36.4 54.6



#14
1,2-Dichlorobenzene
Concen: 47.834 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion:146 Resp: 260575
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.0
111 47.0 39.8 59.6





#15

Benzyl Alcohol

Concen: 47.526 ng

RT: 7.004 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

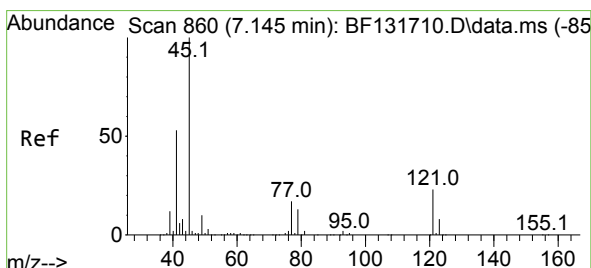
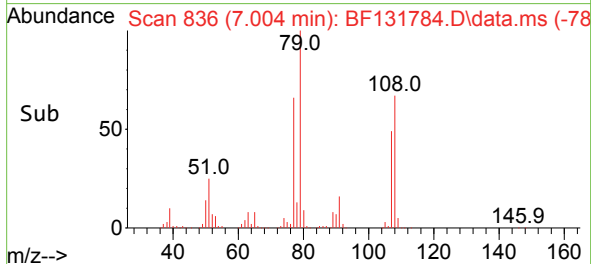
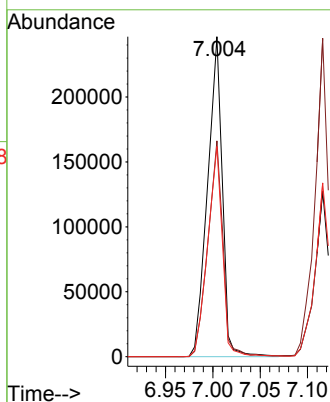
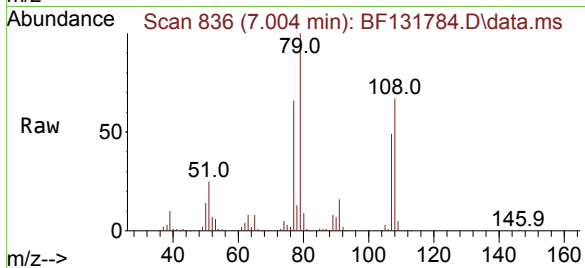
Tgt Ion: 79 Resp: 267851

Ion Ratio Lower Upper

79 100

108 67.5 52.6 78.8

77 65.7 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.713 ng

RT: 7.134 min Scan# 858

Delta R.T. -0.000 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

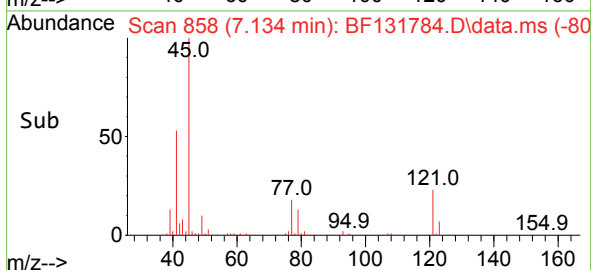
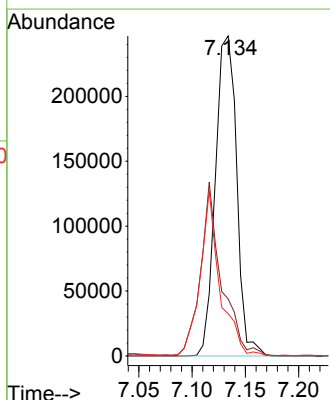
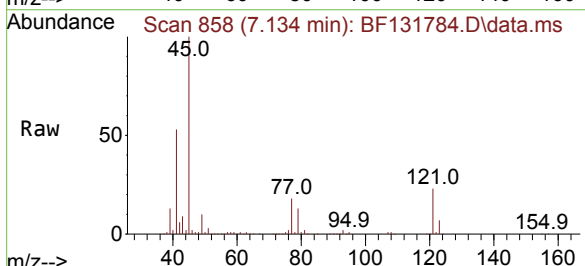
Tgt Ion: 45 Resp: 341739

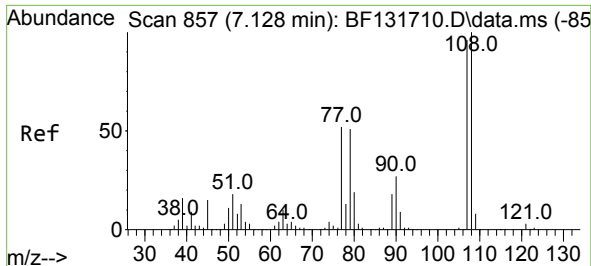
Ion Ratio Lower Upper

45 100

77 17.9 0.0 36.8

79 13.2 0.0 33.1

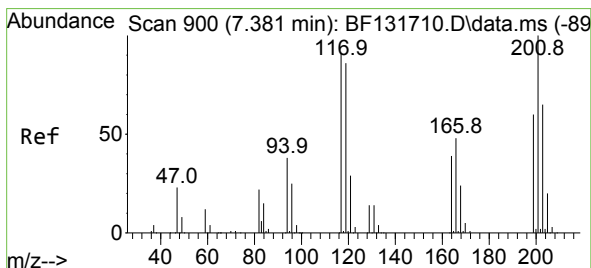
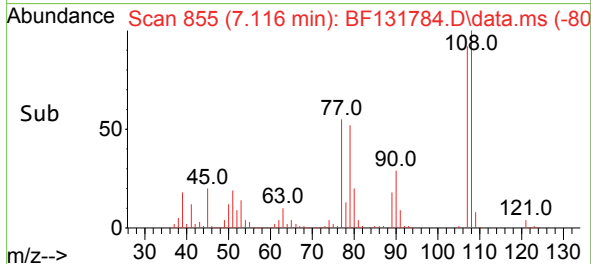
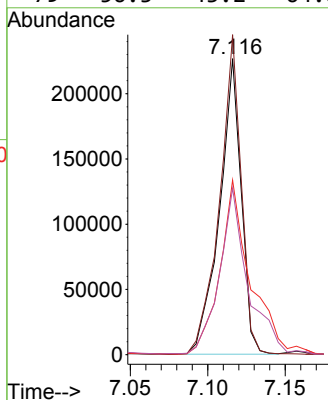
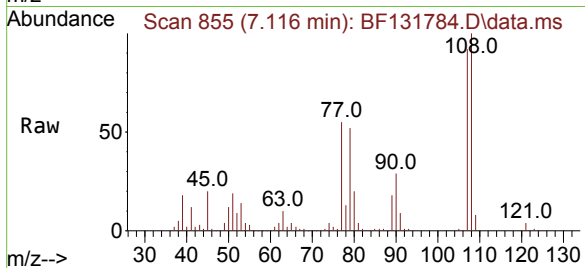




#17
2-Methylphenol
Concen: 46.354 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

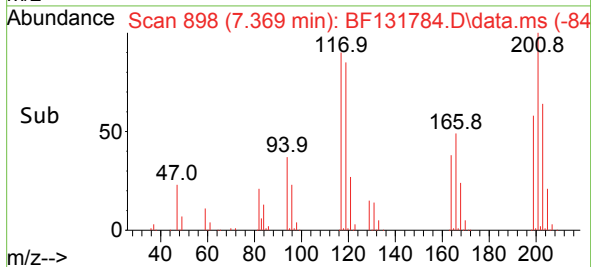
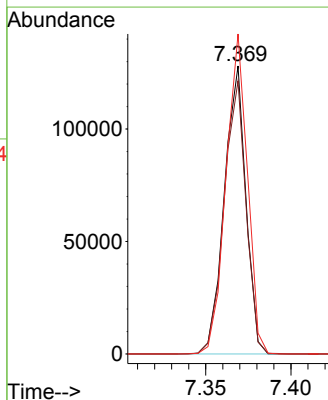
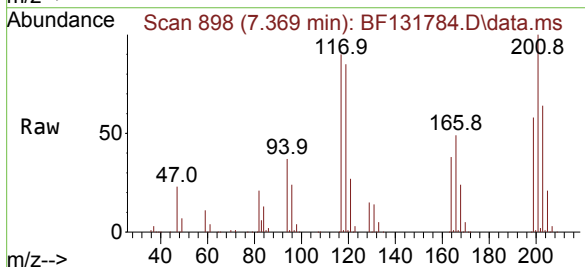
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

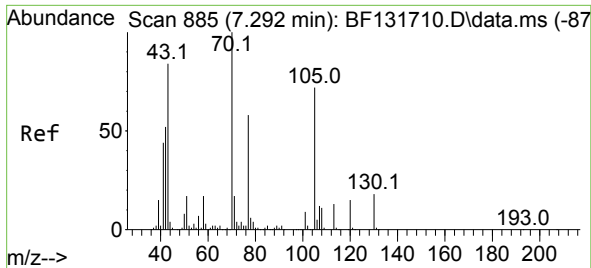
Tgt Ion:107 Resp: 220342
Ion Ratio Lower Upper
107 100
108 108.1 83.8 125.6
77 59.0 43.8 65.8
79 56.3 43.2 64.8



#18
Hexachloroethane
Concen: 48.842 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion:117 Resp: 112646
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8
201 111.1 88.2 132.4

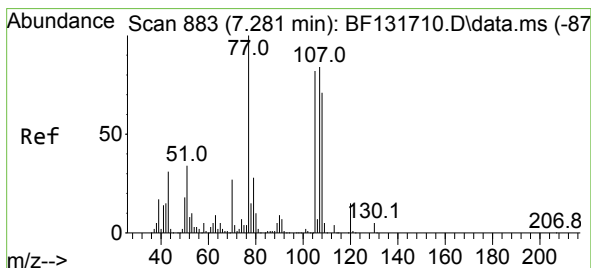
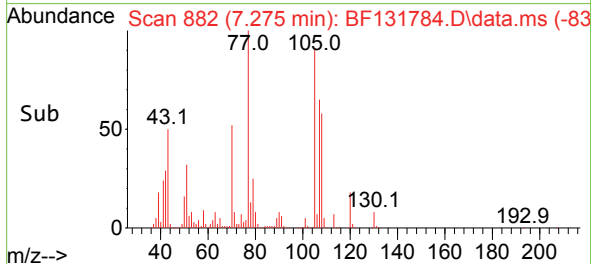
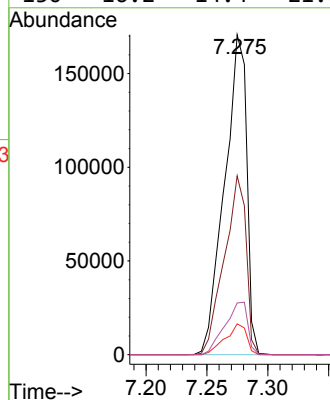
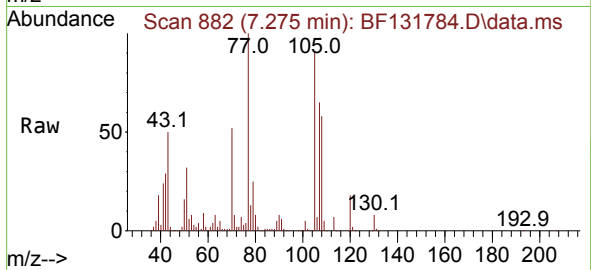




#19
n-Nitroso-di-n-propylamine
Concen: 47.388 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

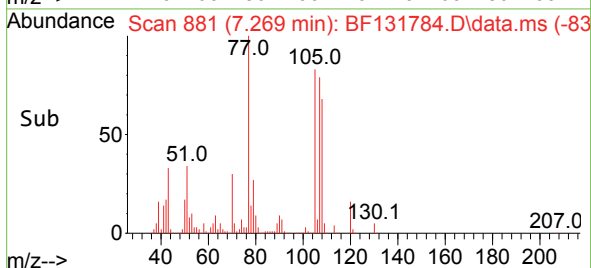
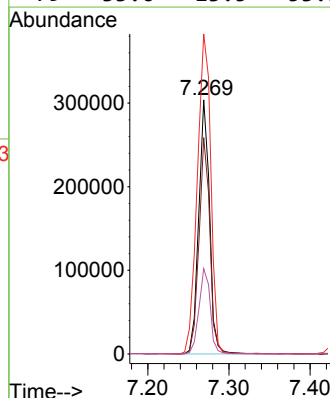
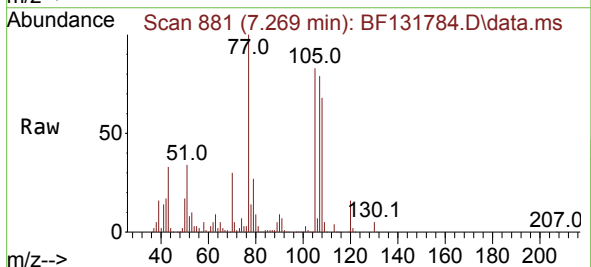
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

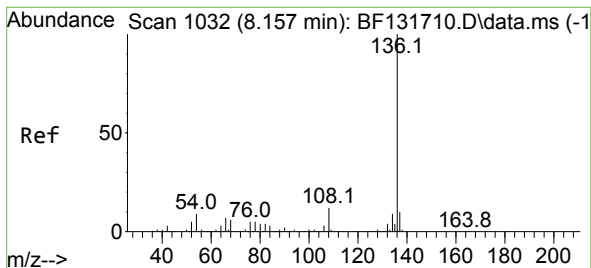
Tgt Ion: 70 Resp: 215655
Ion Ratio Lower Upper
70 100
42 55.9 41.5 62.3
101 9.7 7.3 10.9
130 16.2 14.4 21.6



#20
3+4-Methylphenols
Concen: 46.333 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion: 107 Resp: 283460
Ion Ratio Lower Upper
107 100
108 85.2 65.2 105.2
77 126.0 99.6 139.6
79 33.6 13.5 53.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131784.D

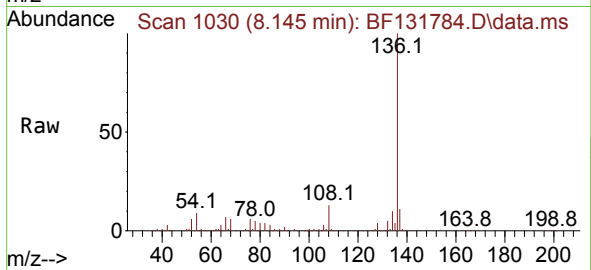
Acq: 22 Dec 2022 19:07

Instrument :

BNA_F

ClientSampleId :

COMP-1MS



Tgt Ion:136 Resp: 286176

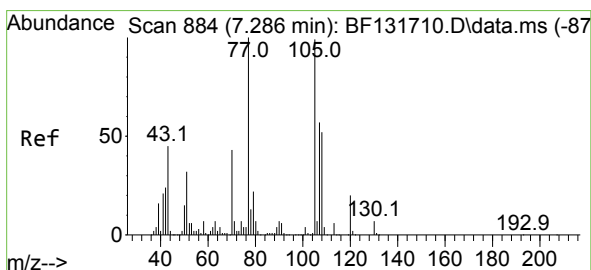
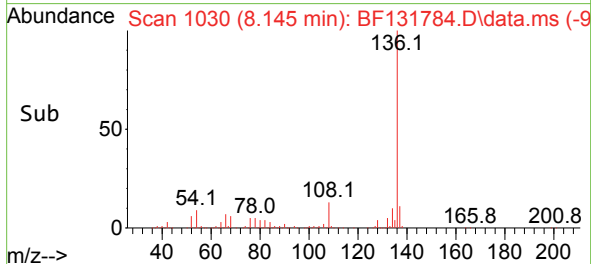
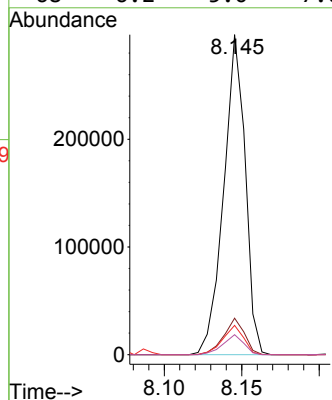
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 9.2 7.2 10.8

68 6.2 5.0 7.6



#22

Acetophenone

Concen: 48.086 ng

RT: 7.269 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

Tgt Ion:105 Resp: 401587

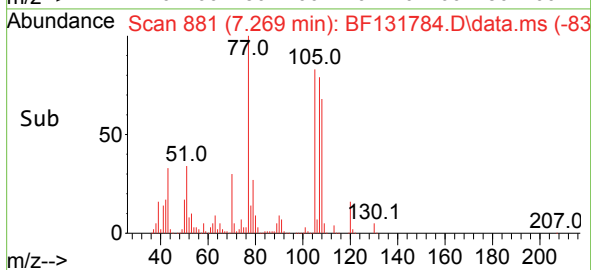
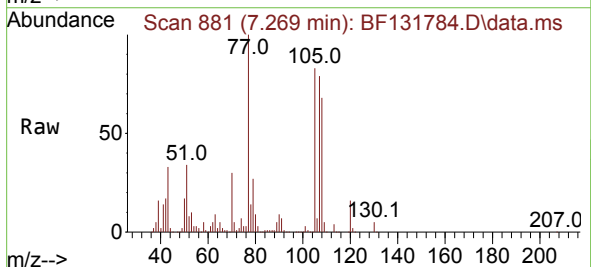
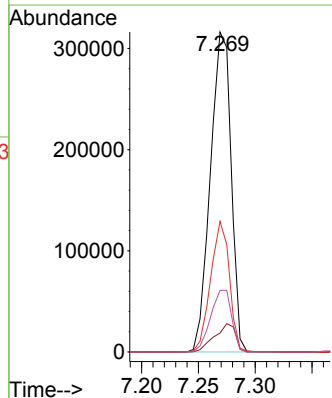
Ion Ratio Lower Upper

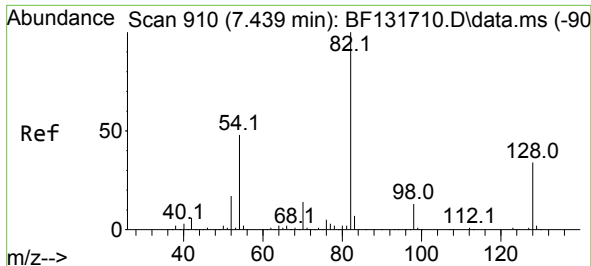
105 100

71 5.9 5.5 8.3

51 40.8 25.5 38.3#

120 19.2 15.9 23.9





#23

Nitrobenzene-d5

Concen: 81.055 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

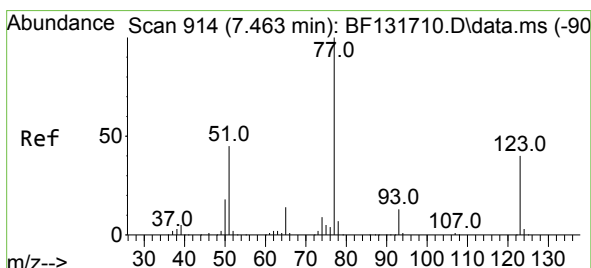
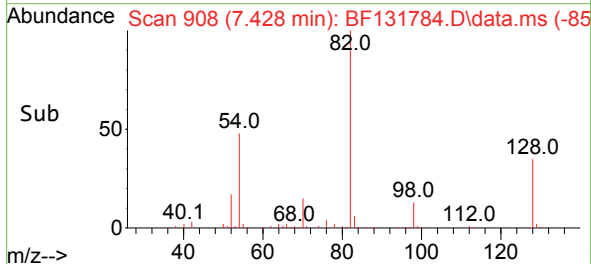
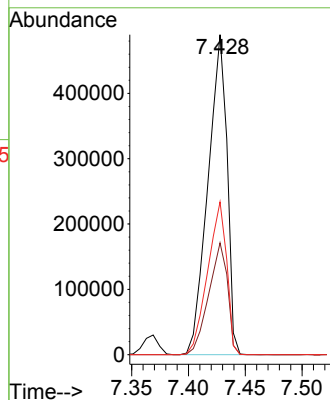
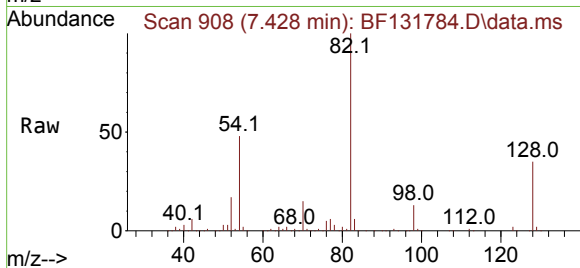
Tgt Ion: 82 Resp: 571380

Ion Ratio Lower Upper

82 100

128 34.9 27.3 40.9

54 47.7 38.2 57.2



#24

Nitrobenzene

Concen: 46.397 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

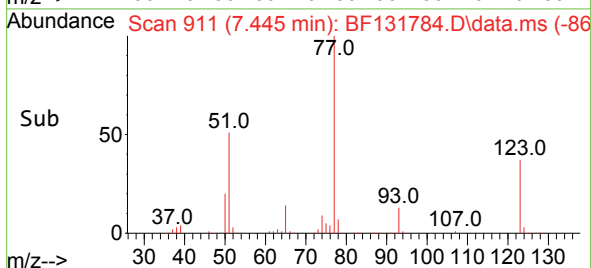
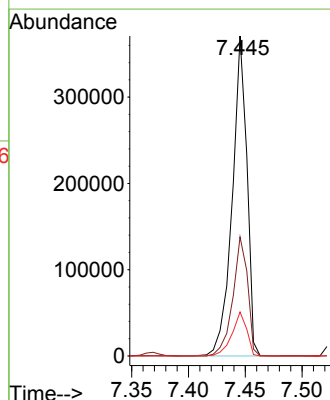
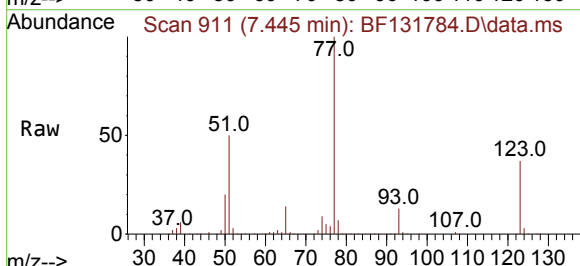
Tgt Ion: 77 Resp: 332502

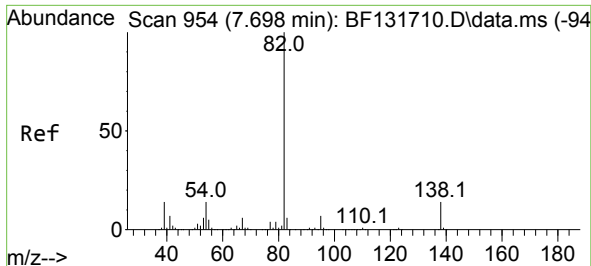
Ion Ratio Lower Upper

77 100

123 37.2 31.8 47.6

65 13.8 10.9 16.3

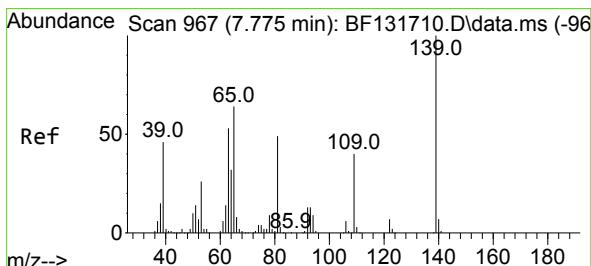
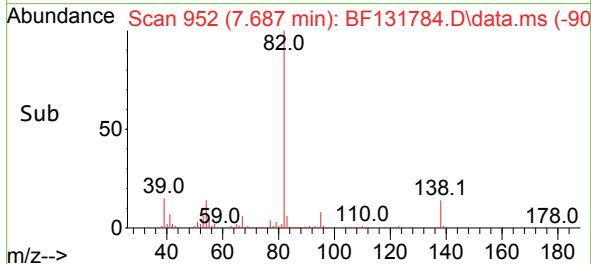
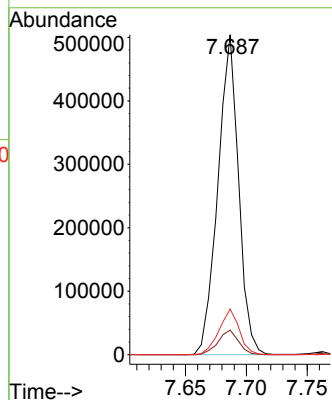
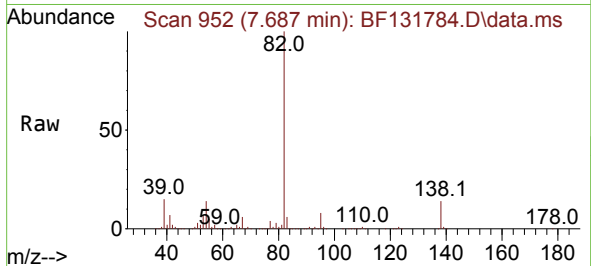




#25
Isophorone
Concen: 49.775 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

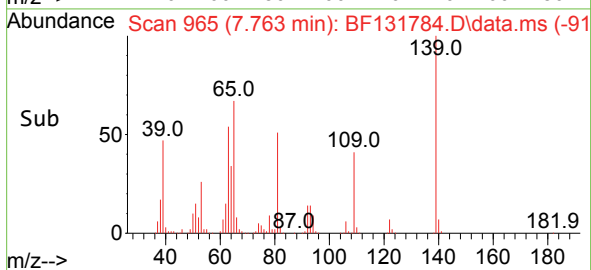
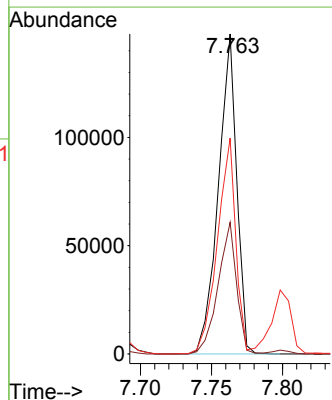
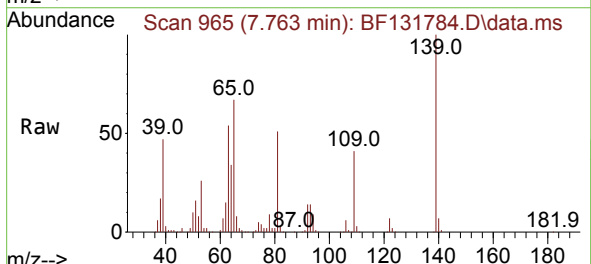
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

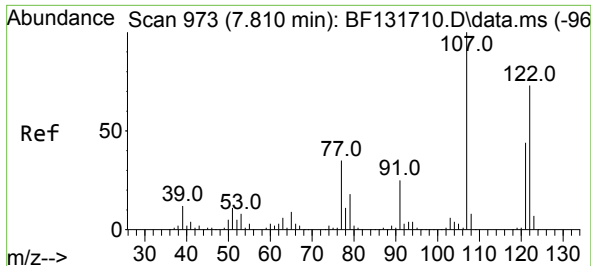
Tgt Ion: 82 Resp: 595891
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.6
138 14.2 11.6 17.4



#26
2-Nitrophenol
Concen: 47.394 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion:139 Resp: 132740
Ion Ratio Lower Upper
139 100
109 41.1 31.8 47.6
65 67.4 51.4 77.0





#27

2,4-Dimethylphenol

Concen: 56.483 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

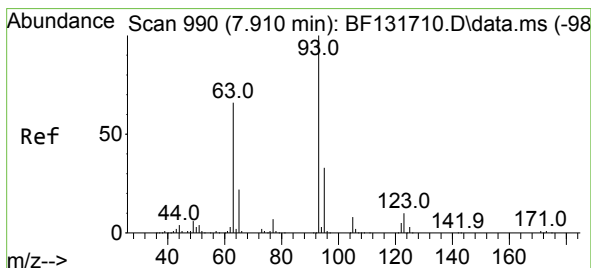
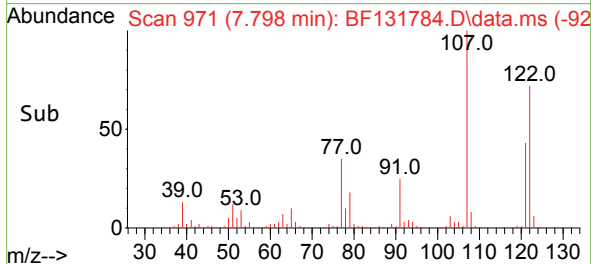
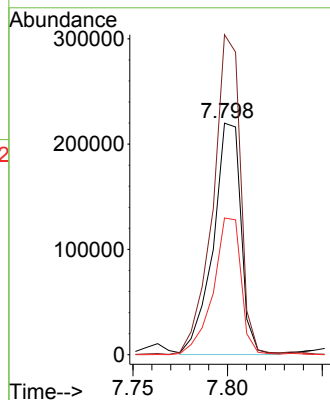
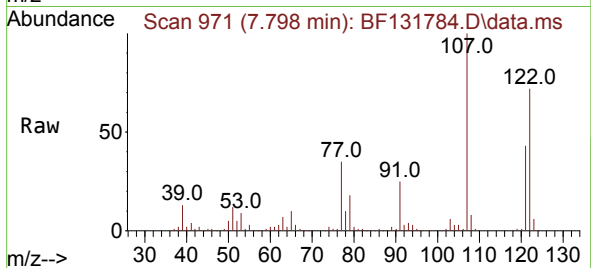
Tgt Ion:122 Resp: 225313

Ion Ratio Lower Upper

122 100

107 138.2 110.1 165.1

121 59.0 47.9 71.9



#28

bis(2-Chloroethoxy)methane

Concen: 52.346 ng

RT: 7.898 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

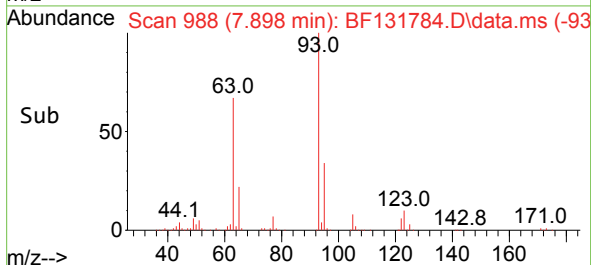
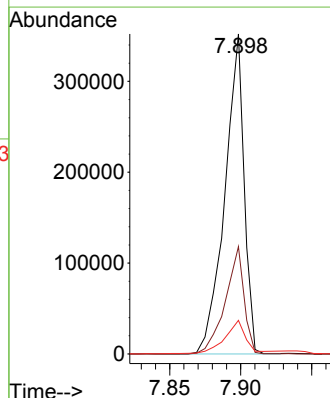
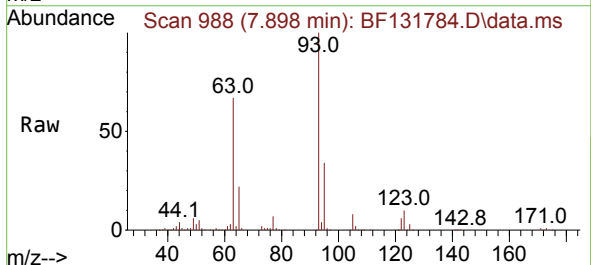
Tgt Ion: 93 Resp: 332780

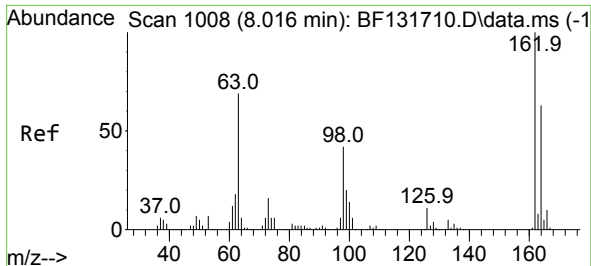
Ion Ratio Lower Upper

93 100

95 33.6 26.0 39.0

123 10.5 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 47.341 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

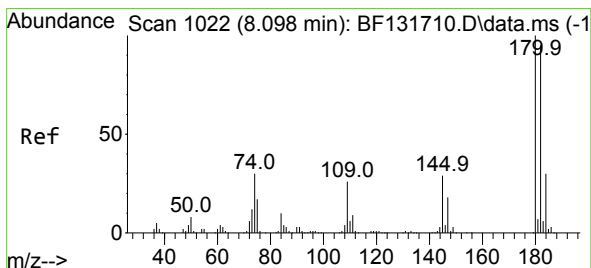
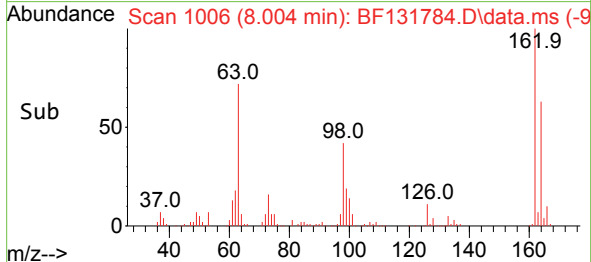
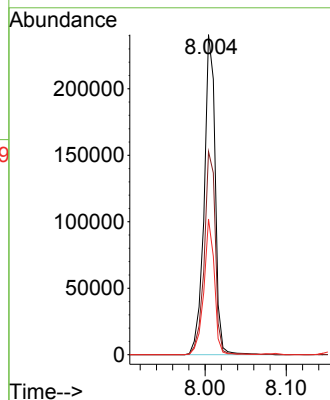
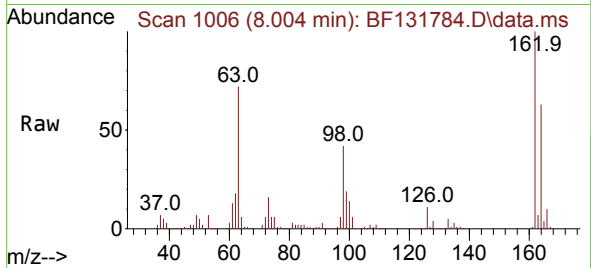
Tgt Ion:162 Resp: 227981

Ion Ratio Lower Upper

162 100

164 63.5 42.9 82.9

98 42.4 21.9 61.9



#30

1,2,4-Trichlorobenzene

Concen: 46.063 ng

RT: 8.087 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

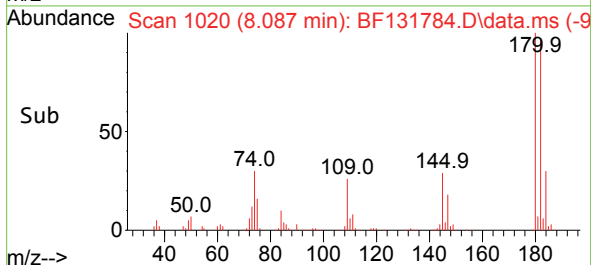
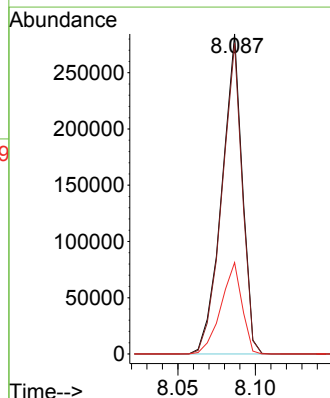
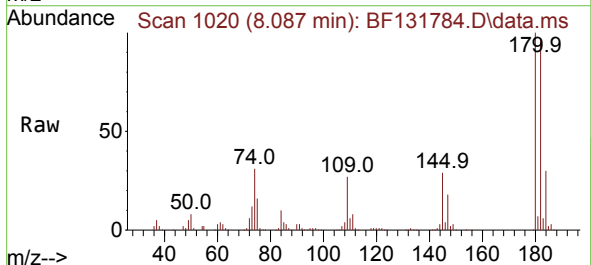
Tgt Ion:180 Resp: 260780

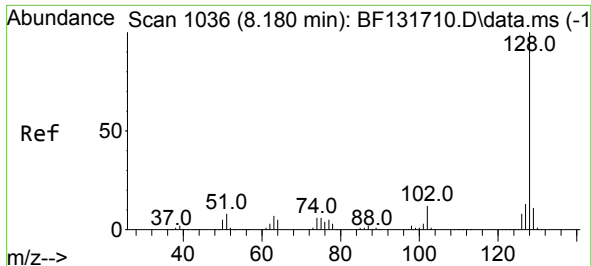
Ion Ratio Lower Upper

180 100

182 97.1 76.1 114.1

145 28.5 23.4 35.0

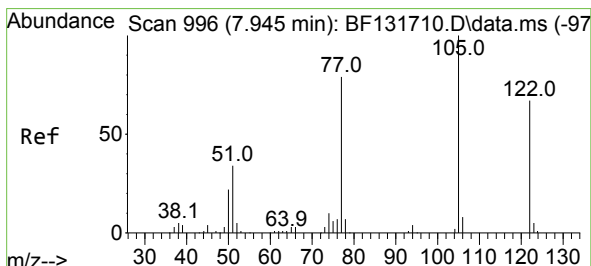
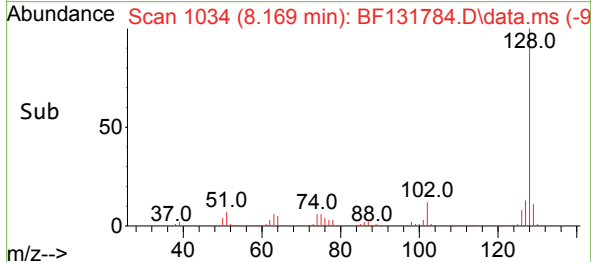
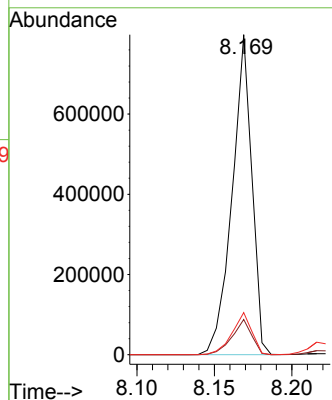
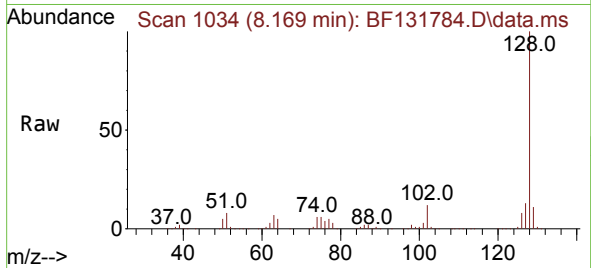




#31
Naphthalene
Concen: 45.129 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

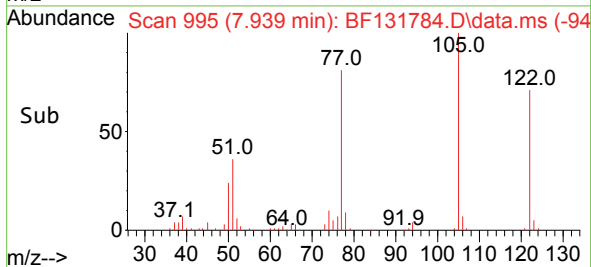
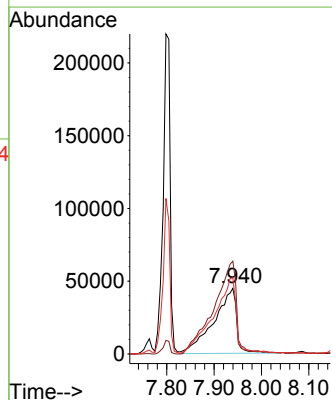
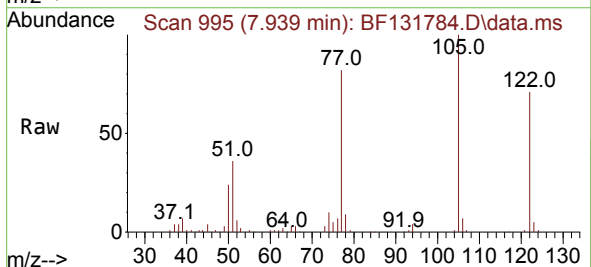
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

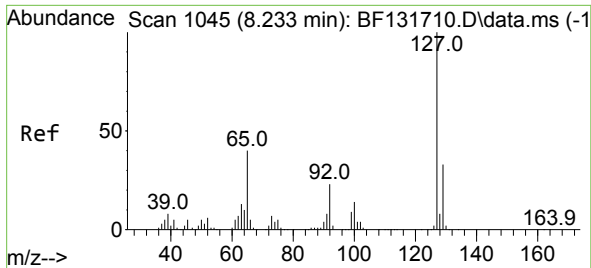
Tgt Ion:128 Resp: 705314
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 47.103 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion:122 Resp: 150406
Ion Ratio Lower Upper
122 100
105 141.3 125.1 165.1
77 116.0 95.3 135.3

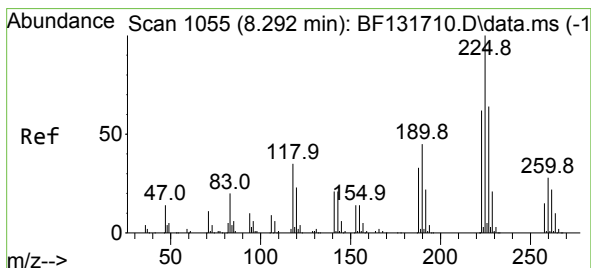
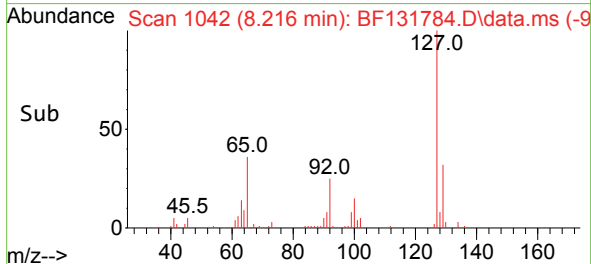
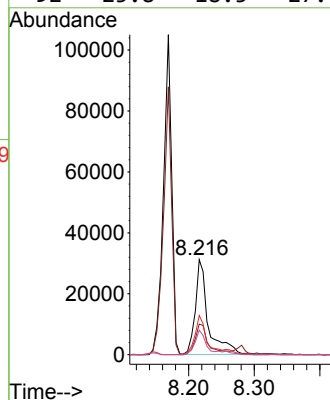
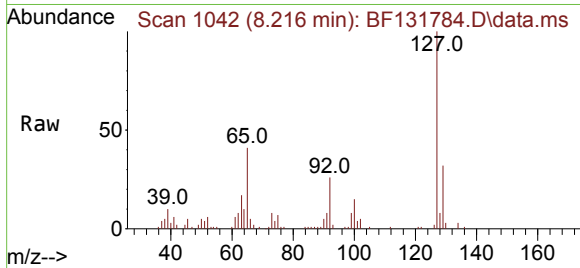




#33
4-Chloroaniline
Concen: 7.055 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

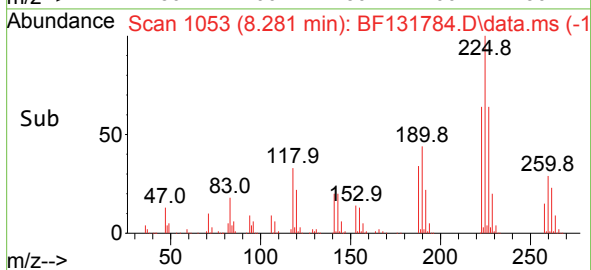
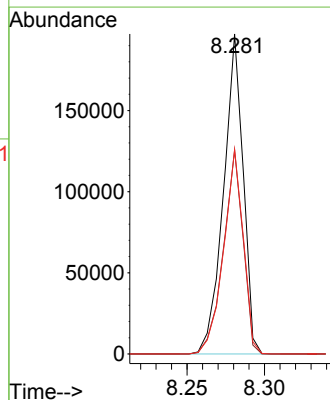
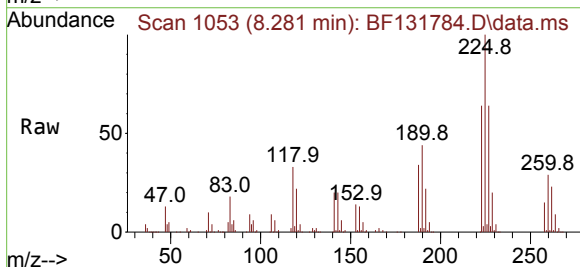
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

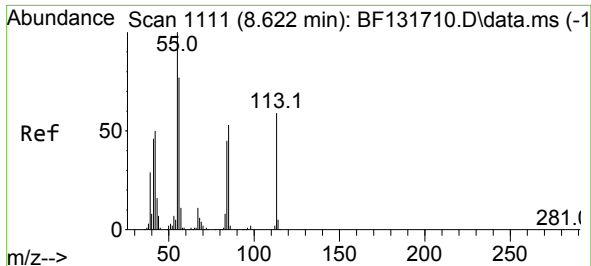
Tgt Ion:	127	Resp:	43002
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	41.3	31.8	47.6
92	25.8	18.5	27.7



#34
Hexachlorobutadiene
Concen: 45.523 ng
RT: 8.281 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion:	225	Resp:	173395
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.5	74.3
227	63.9	51.0	76.4

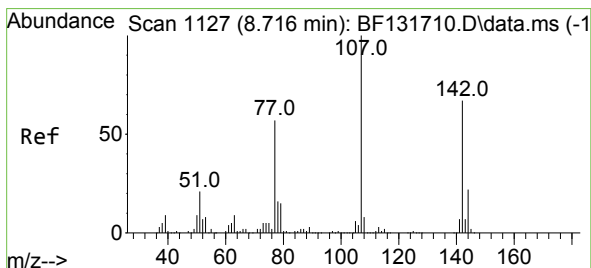
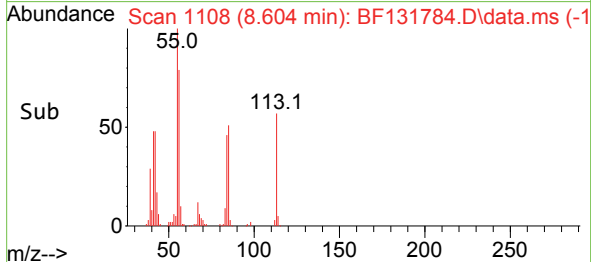
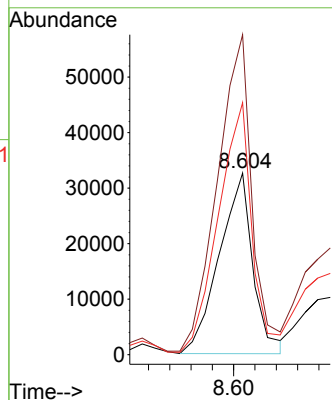
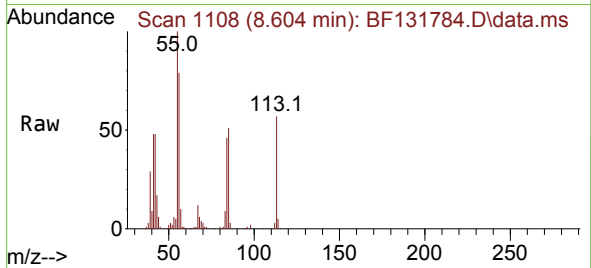




#35
 Caprolactam
 Concen: 24.583 ng
 RT: 8.604 min Scan# 1111
 Delta R.T. -0.000 min
 Lab File: BF131784.D
 Acq: 22 Dec 2022 19:07

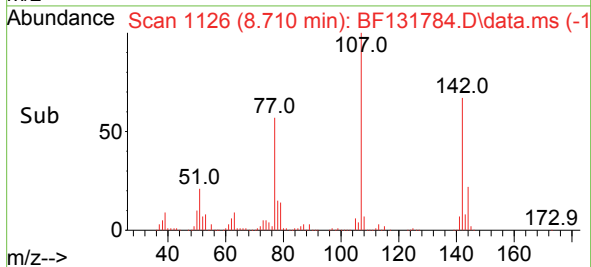
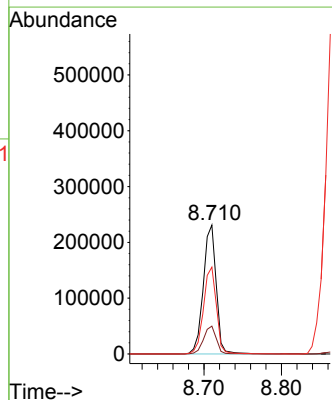
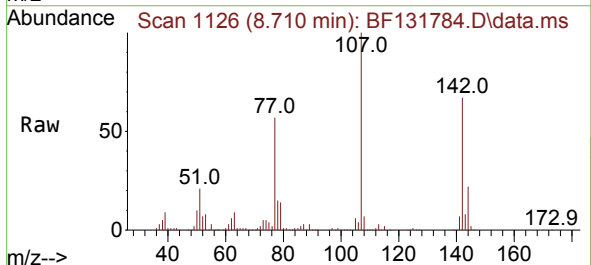
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS

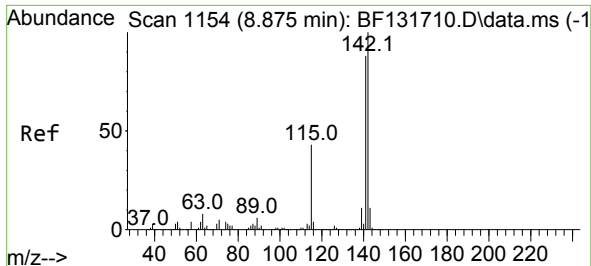
Tgt Ion:113 Resp: 35697
 Ion Ratio Lower Upper
 113 100
 55 176.3 149.0 189.0
 56 138.8 109.5 149.5



#36
 4-Chloro-3-methylphenol
 Concen: 48.633 ng
 RT: 8.710 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF131784.D
 Acq: 22 Dec 2022 19:07

Tgt Ion:107 Resp: 267538
 Ion Ratio Lower Upper
 107 100
 144 21.6 17.5 26.3
 142 67.4 53.4 80.0

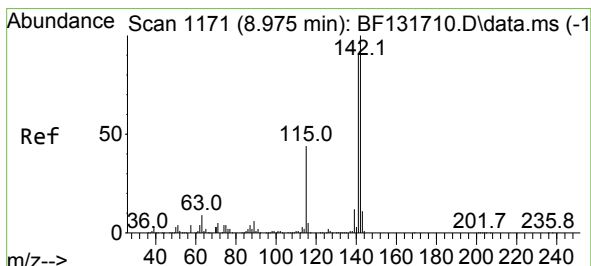
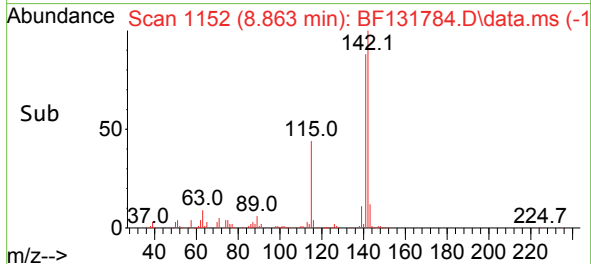
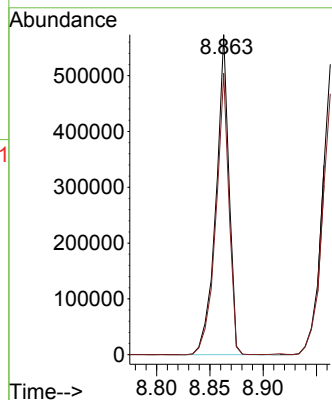
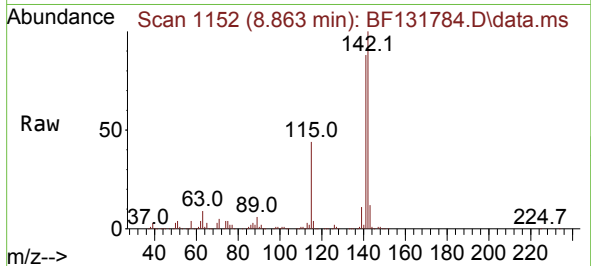




#37
2-Methylnaphthalene
Concen: 45.701 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

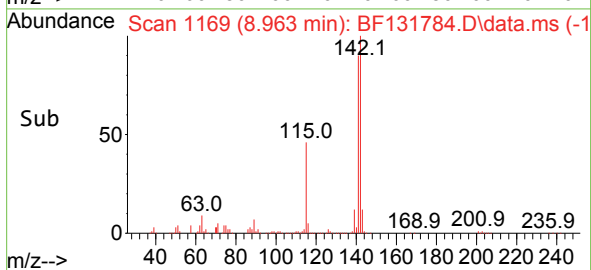
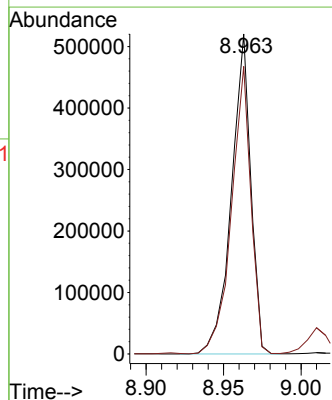
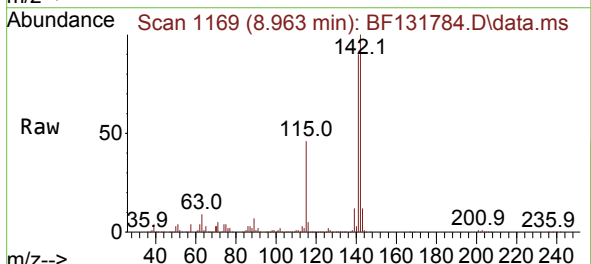
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

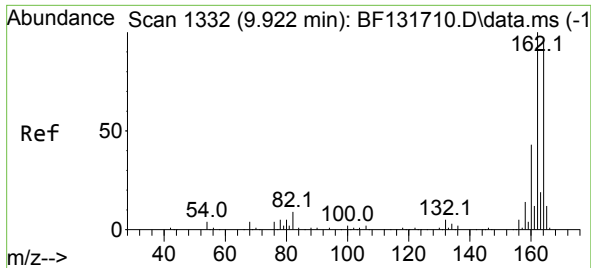
Tgt Ion:142 Resp: 487217
Ion Ratio Lower Upper
142 100
141 87.9 70.4 105.6



#38
1-Methylnaphthalene
Concen: 43.701 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion:142 Resp: 451233
Ion Ratio Lower Upper
142 100
141 89.8 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

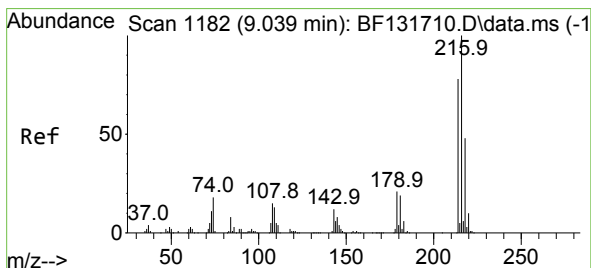
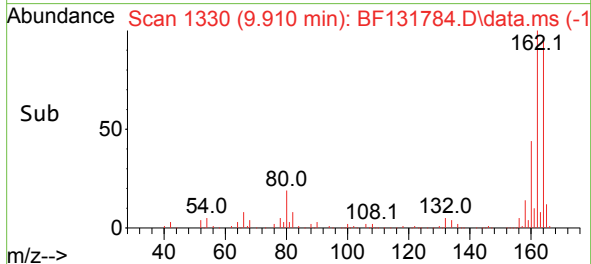
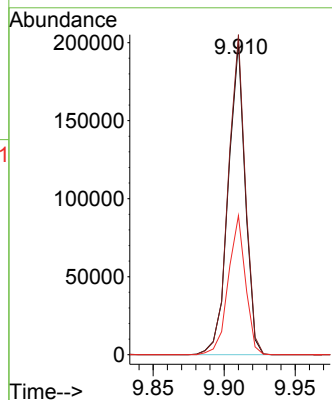
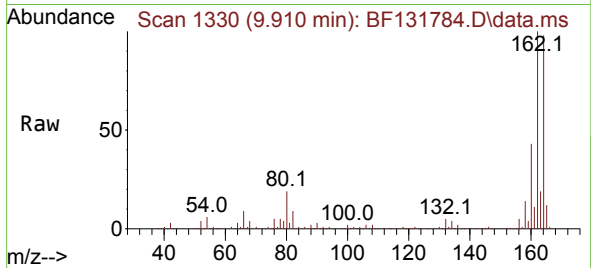
Tgt Ion:164 Resp: 166174

Ion Ratio Lower Upper

164 100

162 102.4 83.7 125.5

160 44.5 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.740 ng

RT: 9.028 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

Tgt Ion:216 Resp: 277103

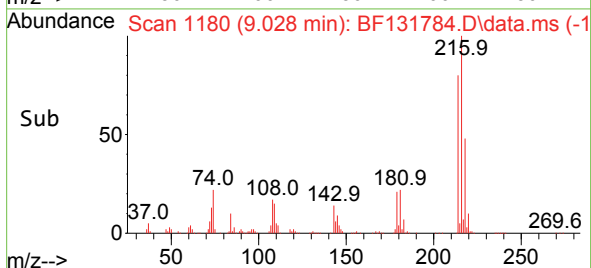
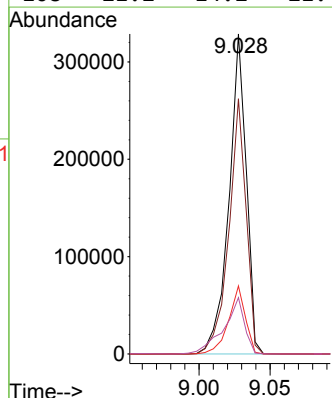
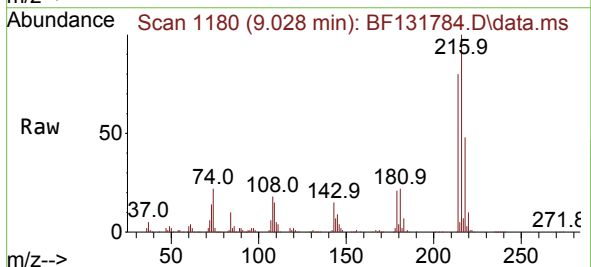
Ion Ratio Lower Upper

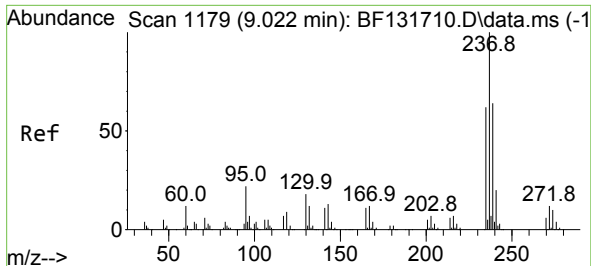
216 100

214 79.6 62.9 94.3

179 20.8 16.3 24.5

108 21.2 14.2 21.4

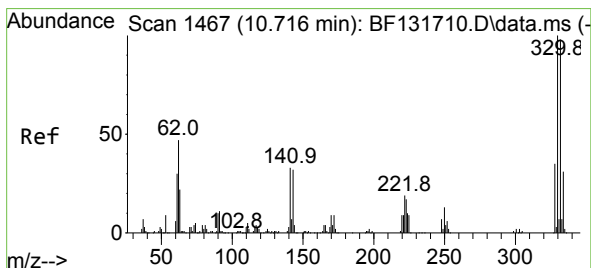
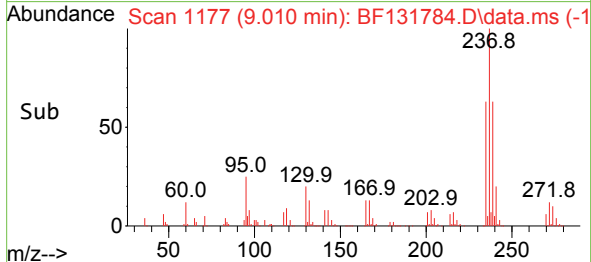
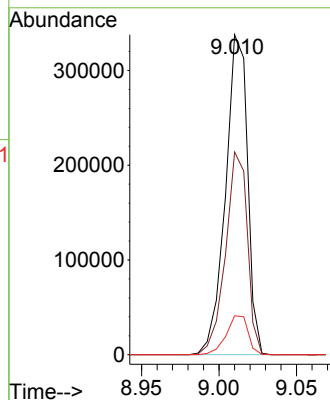
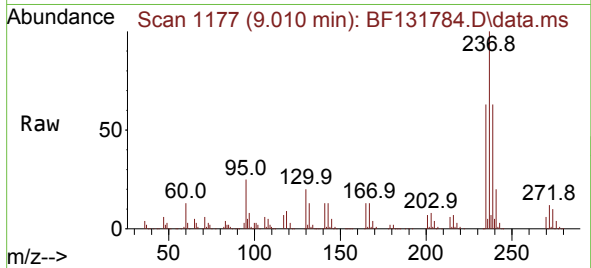




#41
Hexachlorocyclopentadiene
Concen: 129.987 ng
RT: 9.010 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

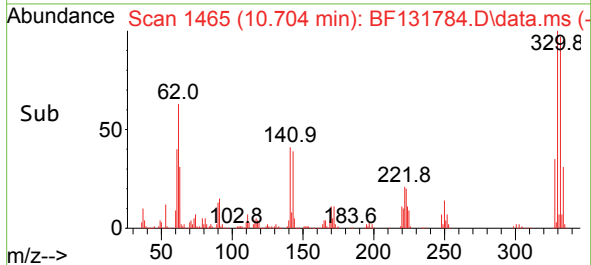
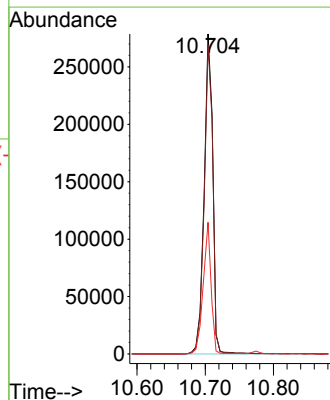
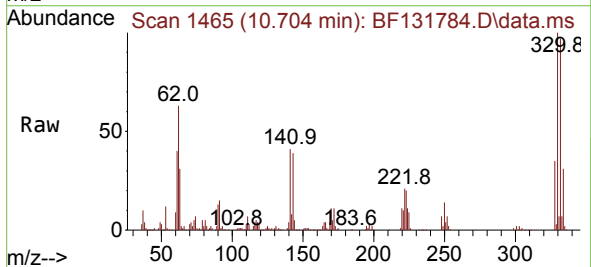
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

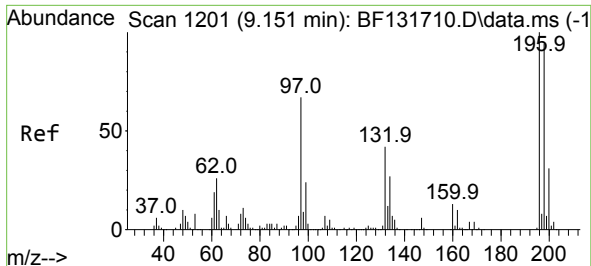
Tgt Ion:237 Resp: 334815
Ion Ratio Lower Upper
237 100
235 63.4 42.2 82.2
272 12.1 0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 134.931 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion:330 Resp: 245418
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 37.9 30.4 45.6

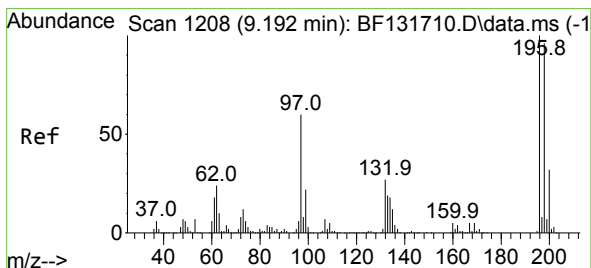
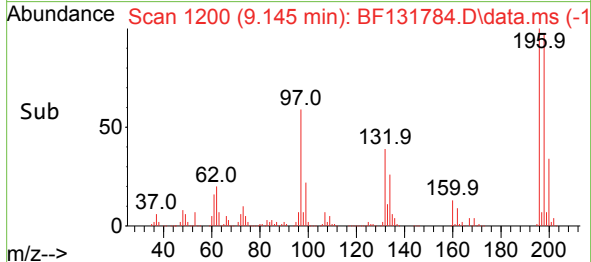
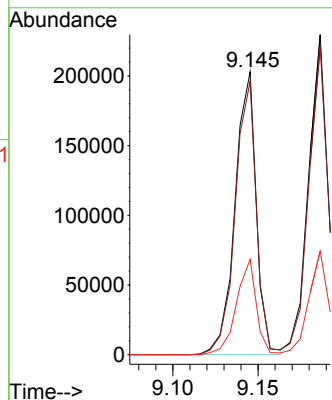
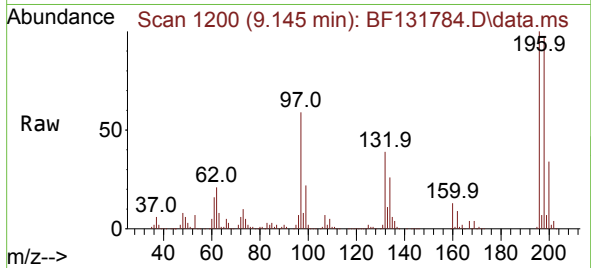




#43
2,4,6-Trichlorophenol
Concen: 47.269 ng
RT: 9.145 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

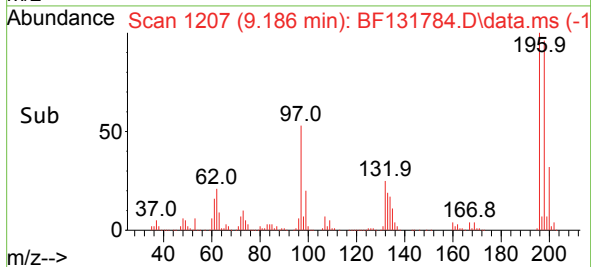
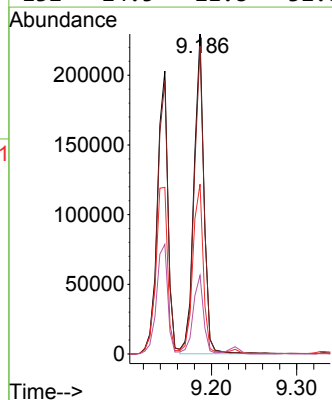
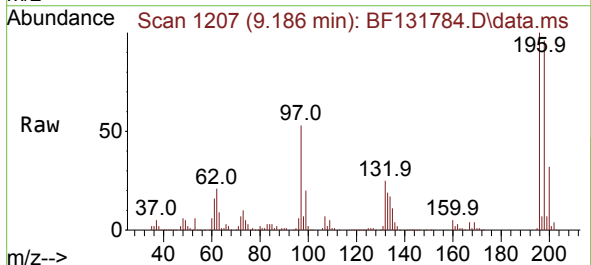
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

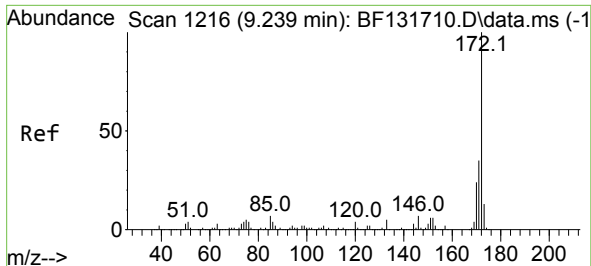
Tgt Ion:196 Resp: 175550
Ion Ratio Lower Upper
196 100
198 96.6 75.5 113.3
200 33.7 25.2 37.8



#44
2,4,5-Trichlorophenol
Concen: 46.410 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion:196 Resp: 186592
Ion Ratio Lower Upper
196 100
198 96.2 76.6 114.8
97 53.0 47.7 71.5
132 24.5 21.8 32.8

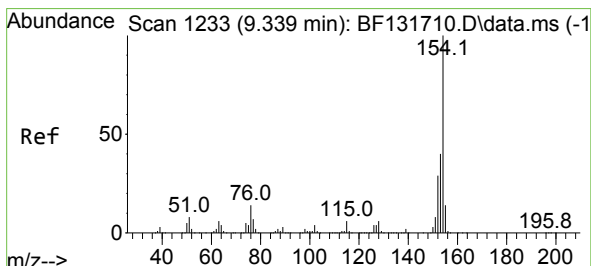
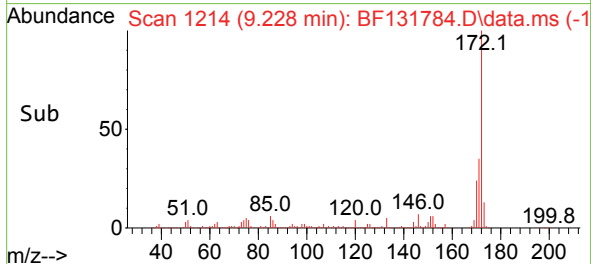
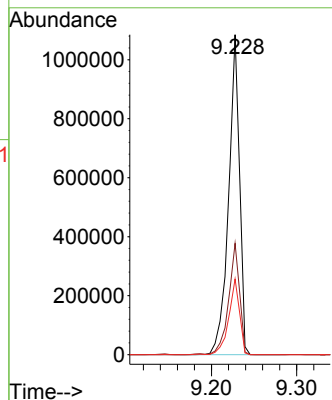
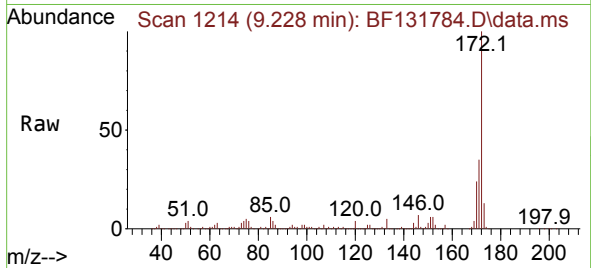




#45
2-Fluorobiphenyl
Concen: 81.933 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

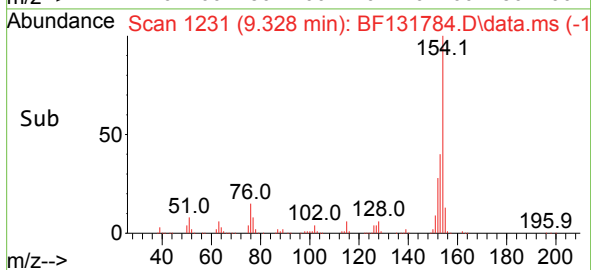
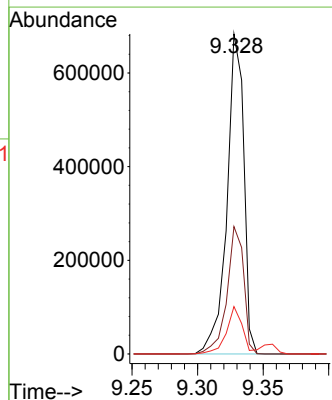
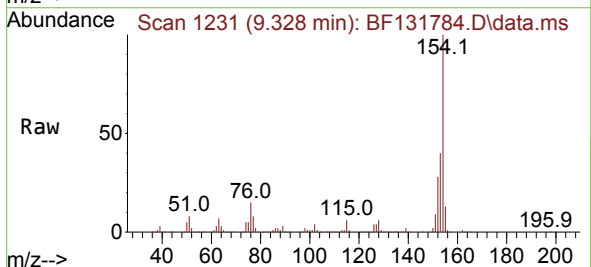
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

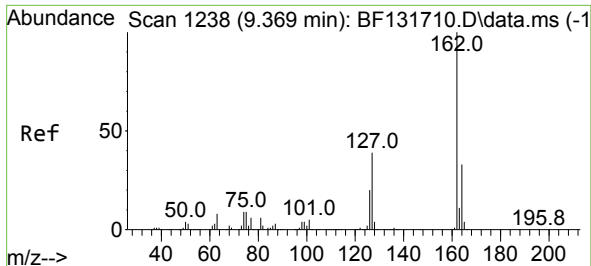
Tgt Ion:172 Resp: 971935
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.6 19.0 28.4



#46
1,1'-Biphenyl
Concen: 48.757 ng
RT: 9.328 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion:154 Resp: 609434
Ion Ratio Lower Upper
154 100
153 39.8 20.1 60.1
76 14.8 0.0 33.6





#47

2-Chloronaphthalene

Concen: 47.731 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

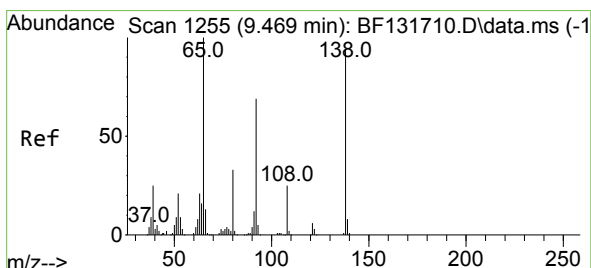
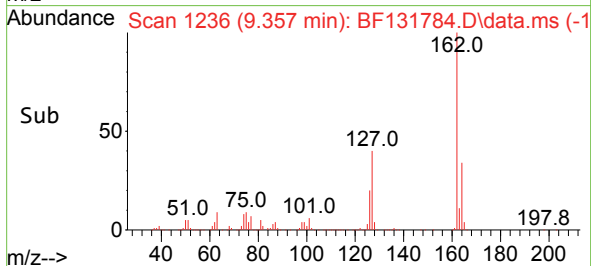
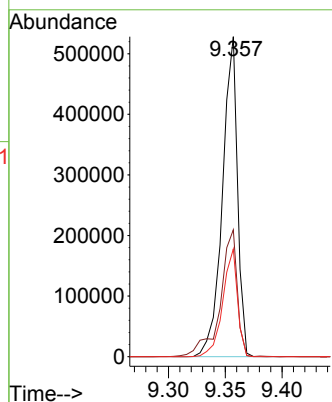
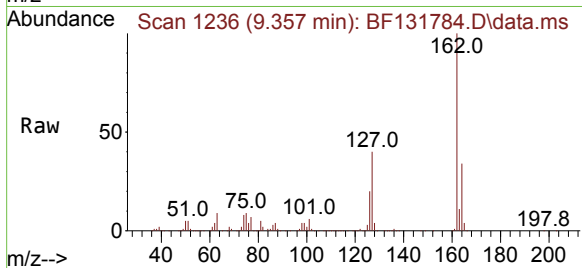
Tgt Ion:162 Resp: 488538

Ion Ratio Lower Upper

162 100

127 39.7 31.4 47.2

164 33.7 26.6 39.8



#48

2-Nitroaniline

Concen: 47.186 ng

RT: 9.457 min Scan# 1253

Delta R.T. -0.000 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

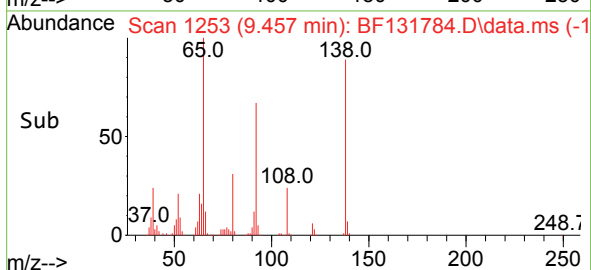
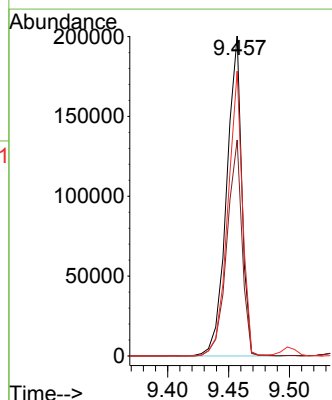
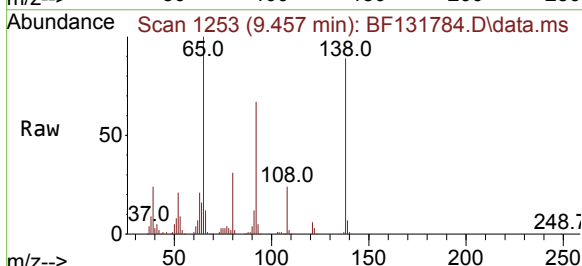
Tgt Ion: 65 Resp: 174074

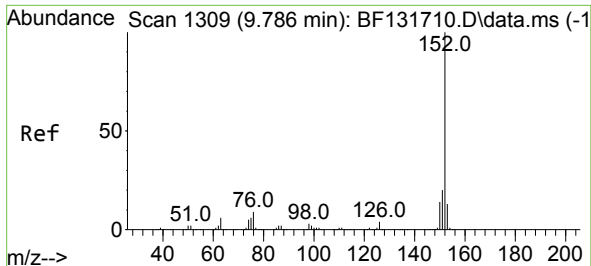
Ion Ratio Lower Upper

65 100

92 67.5 55.5 83.3

138 89.0 74.8 112.2

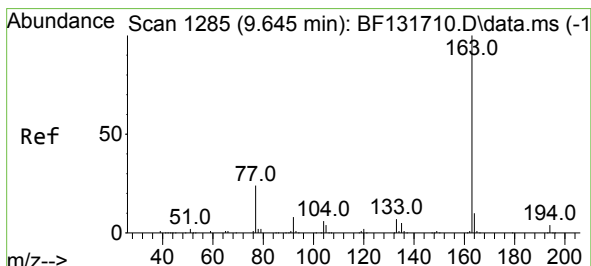
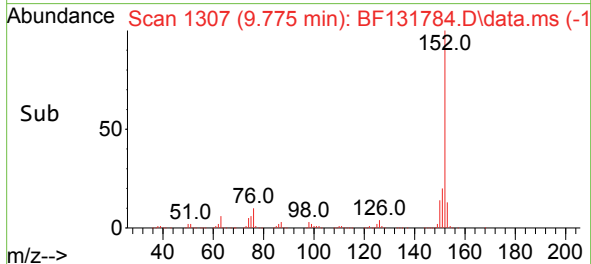
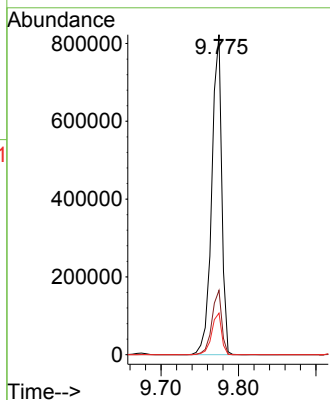
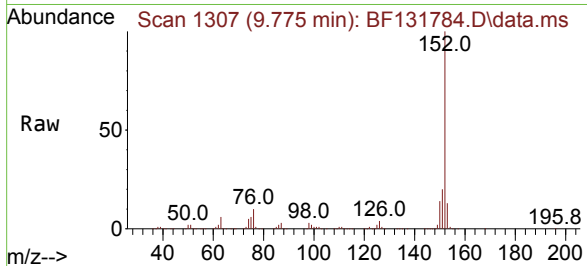




#49
Acenaphthylene
Concen: 47.767 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

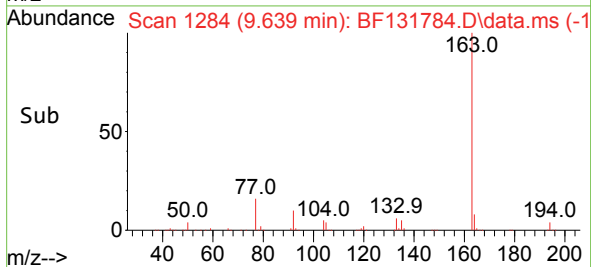
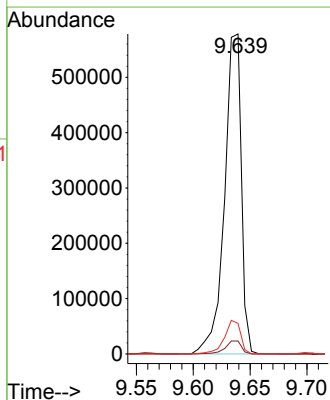
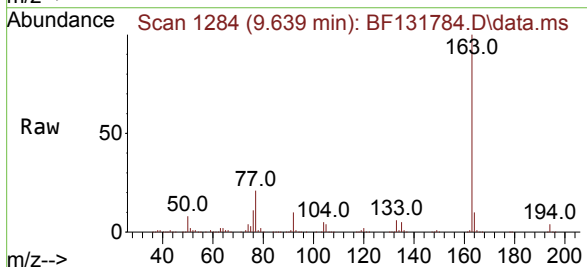
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

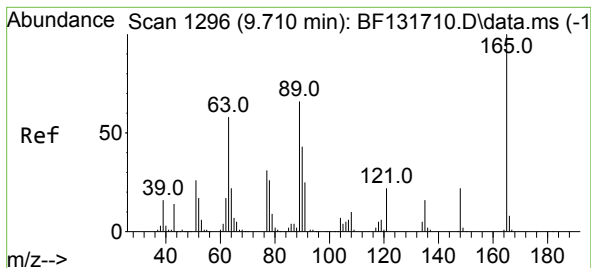
Tgt Ion:152 Resp: 733311
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 47.695 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion:163 Resp: 596362
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.6 8.2 12.4

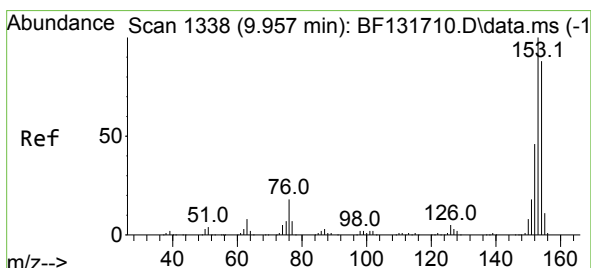
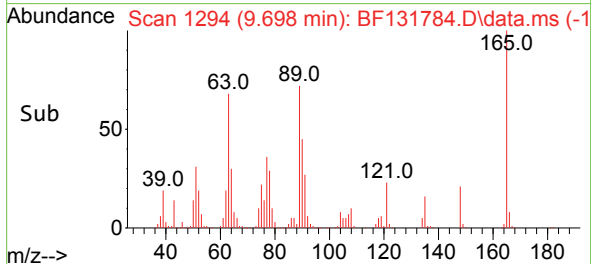
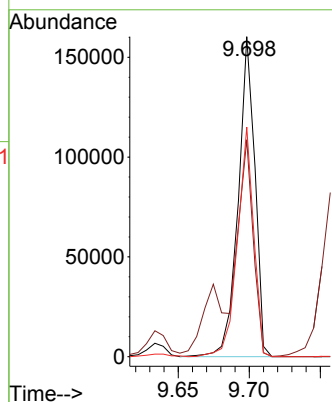
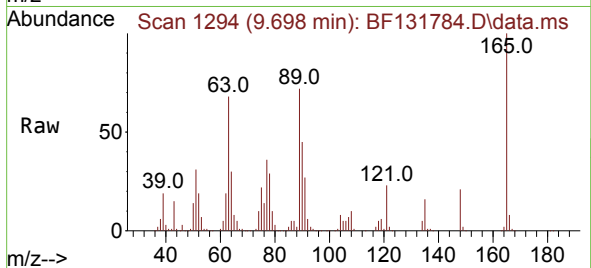




#51
2,6-Dinitrotoluene
Concen: 48.655 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

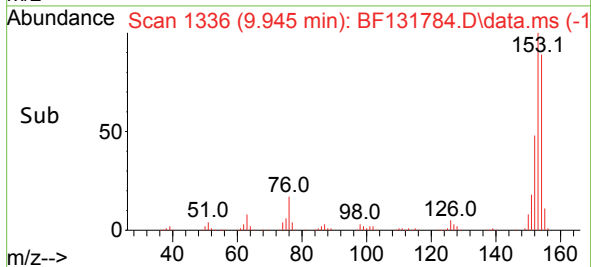
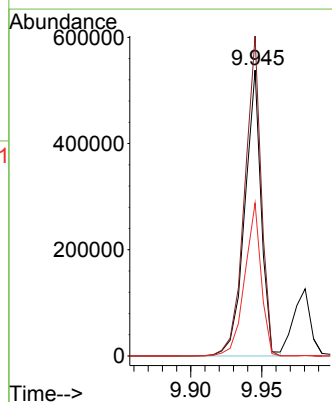
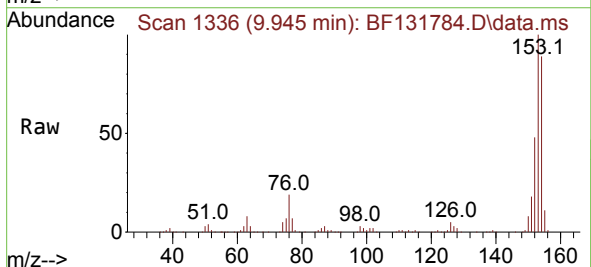
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

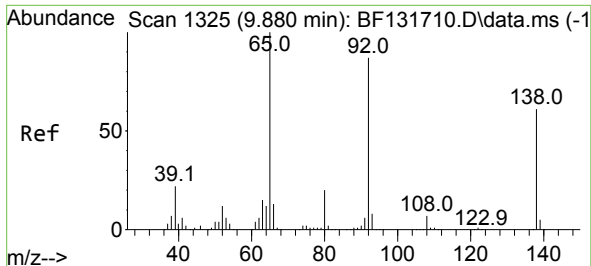
Tgt Ion:165 Resp: 130816
Ion Ratio Lower Upper
165 100
63 67.8 51.8 77.8
89 71.8 53.2 79.8



#52
Acenaphthene
Concen: 46.181 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion:154 Resp: 434297
Ion Ratio Lower Upper
154 100
153 111.9 90.4 135.6
152 53.5 42.0 63.0

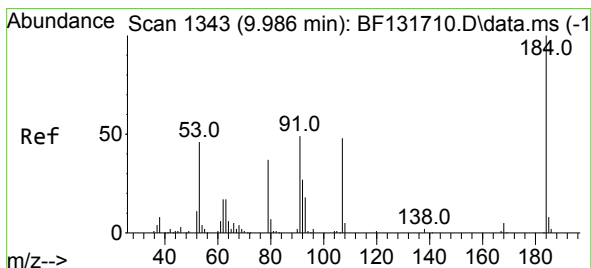
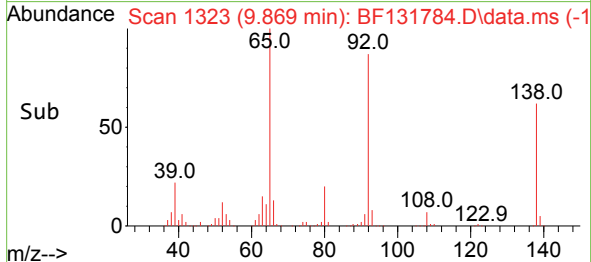
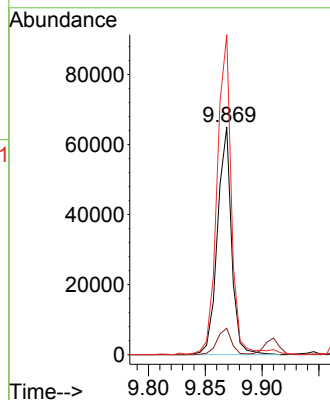
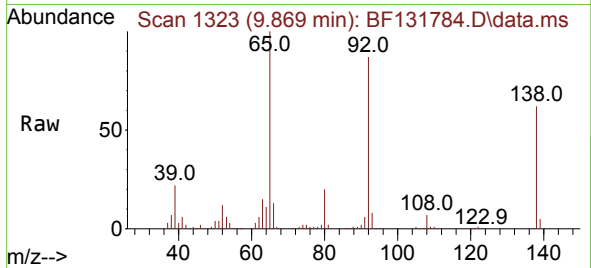




#53
3-Nitroaniline
Concen: 20.415 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

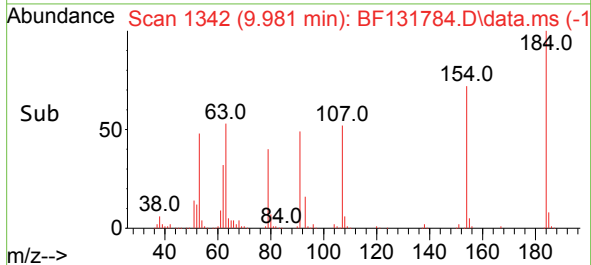
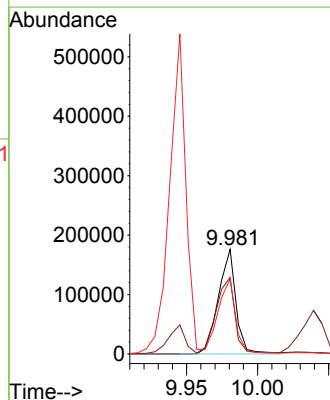
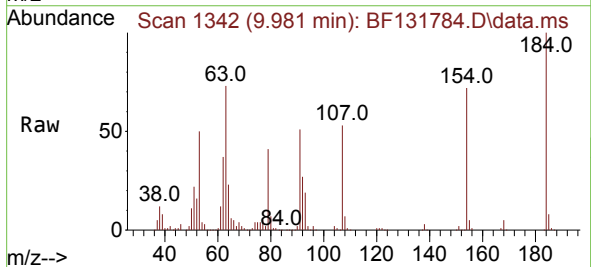
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

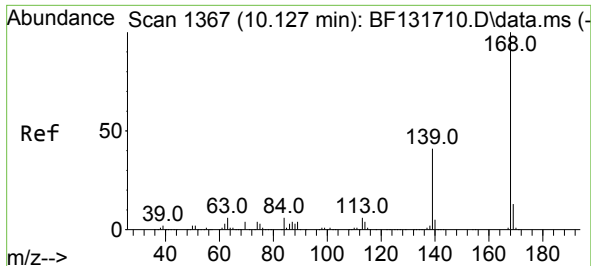
Tgt Ion:138 Resp: 56163
Ion Ratio Lower Upper
138 100
108 11.6 9.2 13.8
92 140.7 114.6 171.8



#54
2,4-Dinitrophenol
Concen: 94.442 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion:184 Resp: 152144
Ion Ratio Lower Upper
184 100
63 73.2 55.8 83.8
154 71.9 57.1 85.7

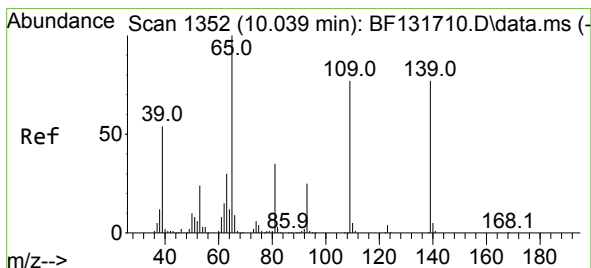
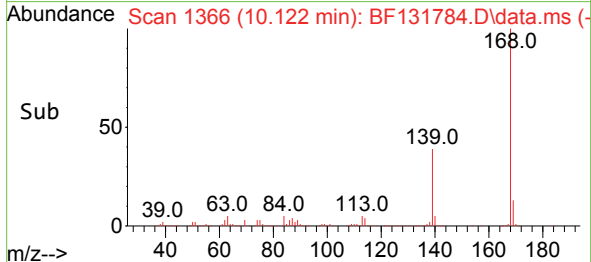
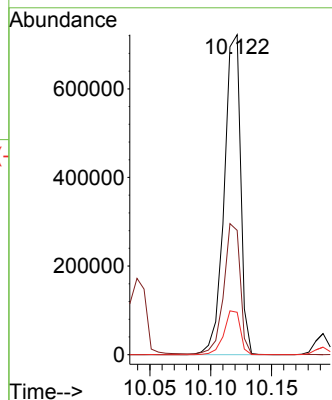
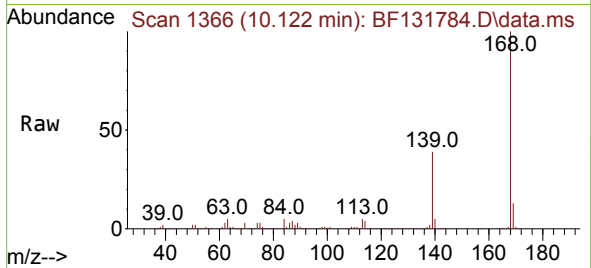




#55
Dibenzenofuran
Concen: 47.019 ng
RT: 10.122 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

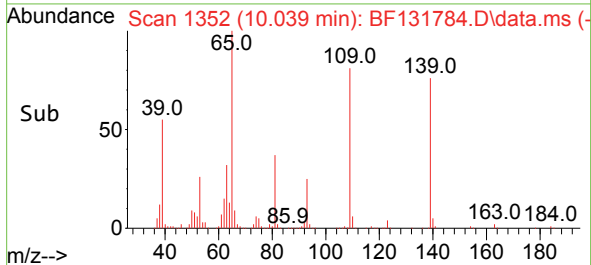
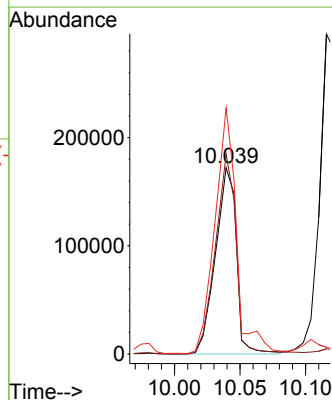
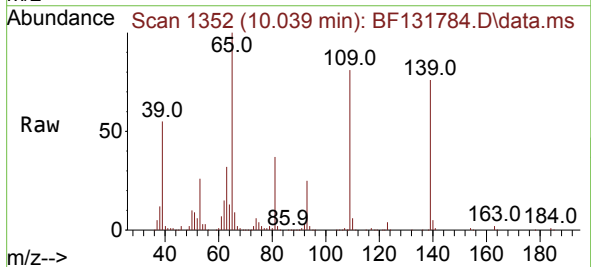
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

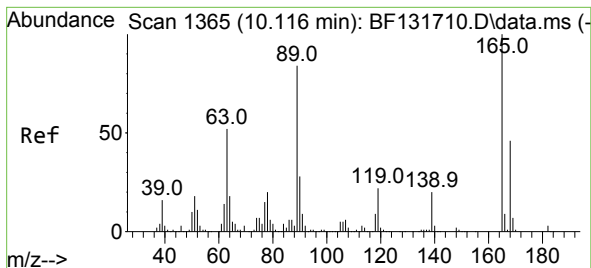
Tgt Ion:168 Resp: 678043
Ion Ratio Lower Upper
168 100
139 38.8 32.7 49.1
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 96.665 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.012 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion:139 Resp: 190331
Ion Ratio Lower Upper
139 100
109 107.1 79.9 119.9
65 132.1 110.2 150.2

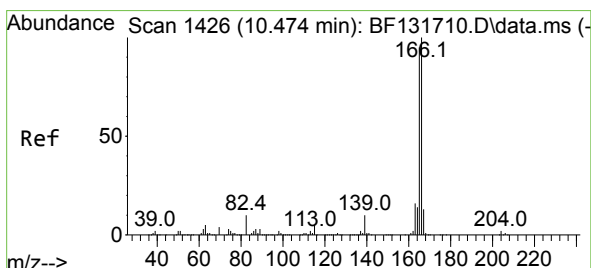
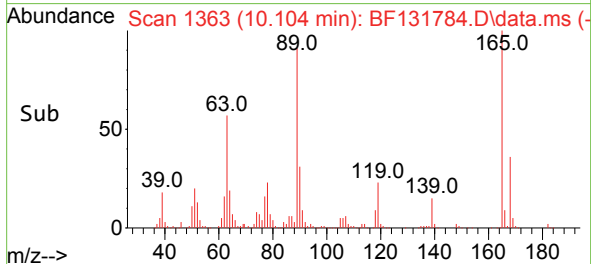
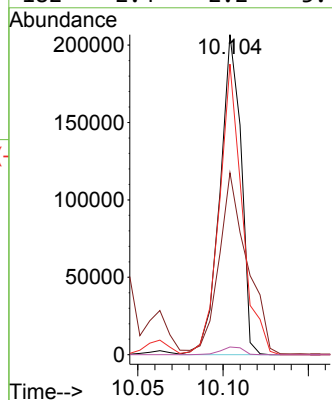
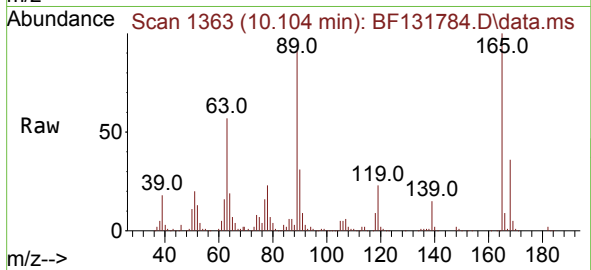




#57
2,4-Dinitrotoluene
Concen: 49.391 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

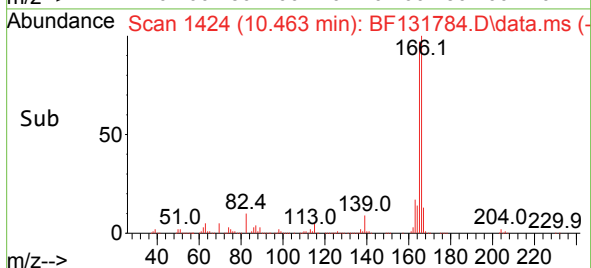
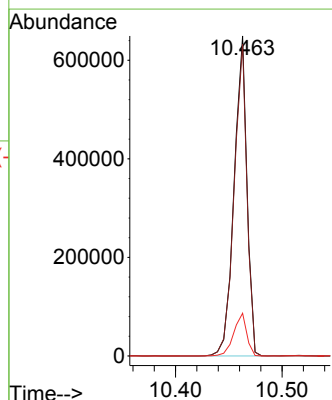
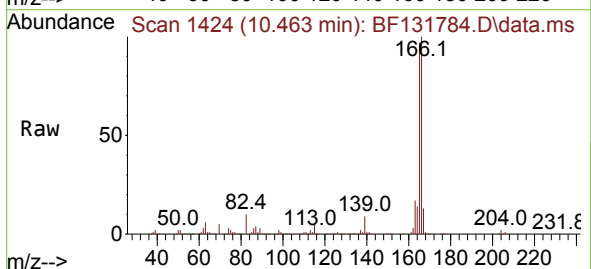
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

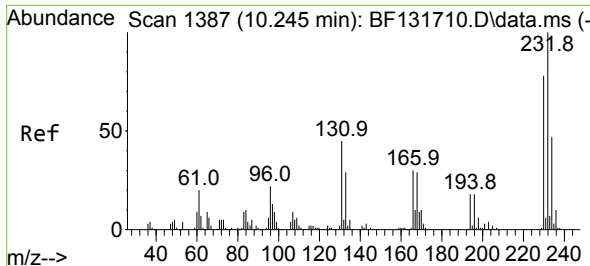
Tgt Ion:165 Resp: 178440
Ion Ratio Lower Upper
165 100
63 56.8 41.5 62.3
89 90.8 67.0 100.4
182 2.4 2.2 3.4



#58
Fluorene
Concen: 46.670 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion:166 Resp: 544134
Ion Ratio Lower Upper
166 100
165 97.4 75.8 113.8
167 13.3 10.6 15.8

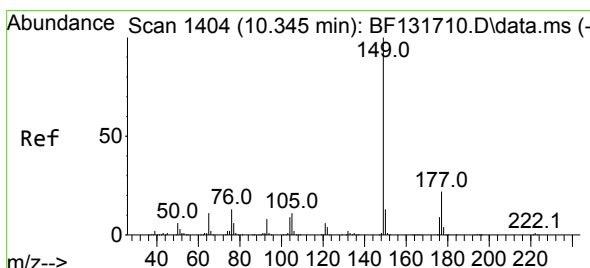
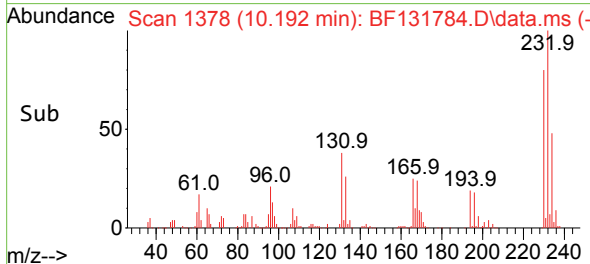
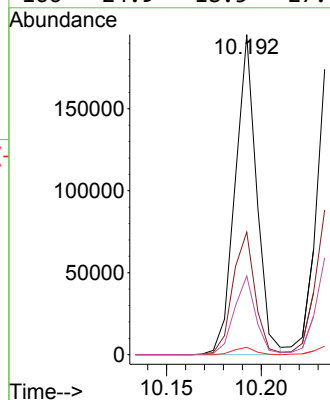
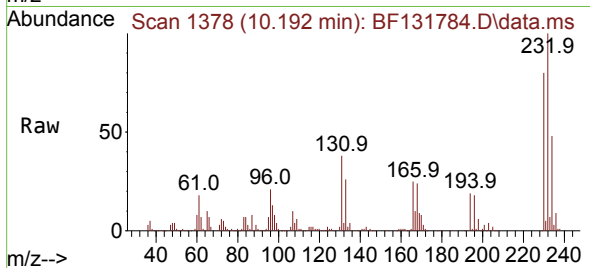




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.631 ng
RT: 10.192 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

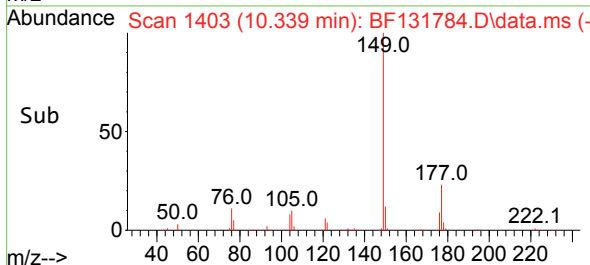
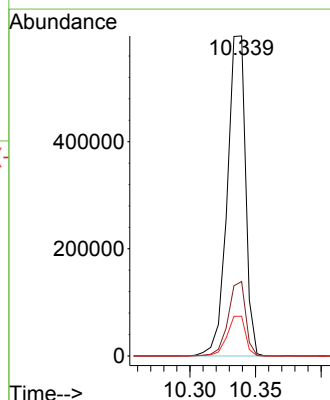
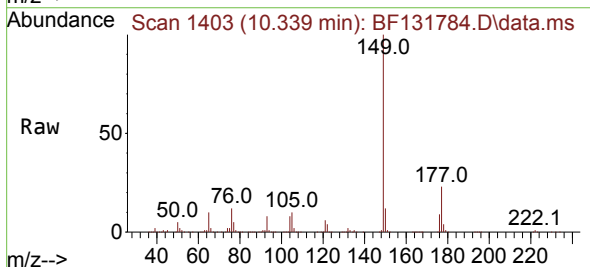
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

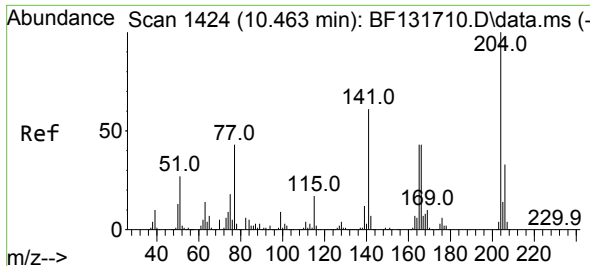
Tgt Ion:232 Resp: 153160
Ion Ratio Lower Upper
232 100
131 39.9 29.9 44.9
130 2.3 1.7 2.5
166 24.9 18.5 27.7



#60
Diethylphthalate
Concen: 48.081 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion:149 Resp: 579285
Ion Ratio Lower Upper
149 100
177 23.3 17.4 26.0
150 12.4 10.2 15.2

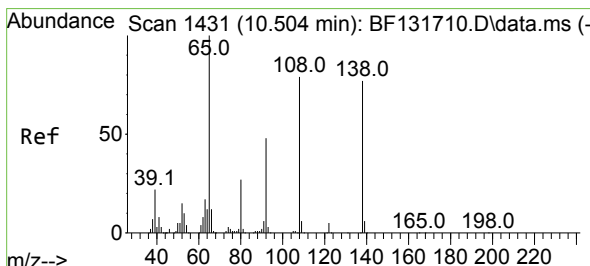
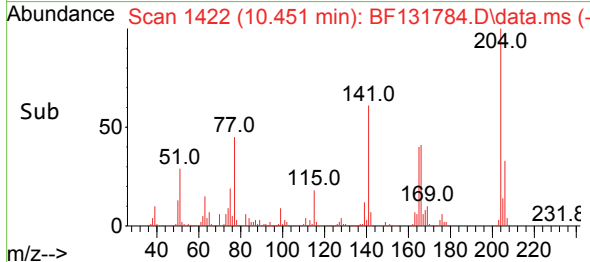
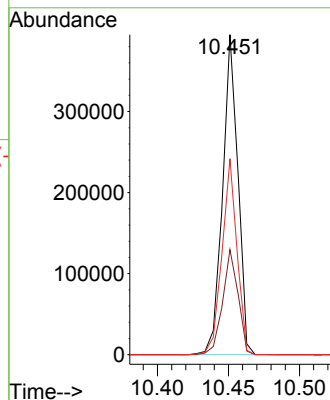
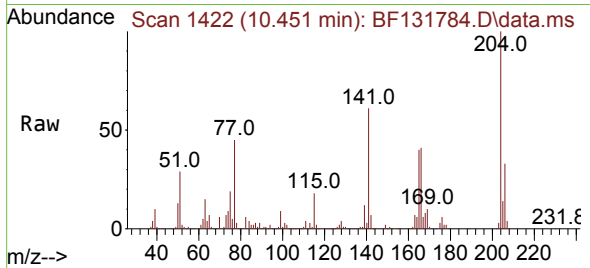




#61
4-Chlorophenyl-phenylether
Concen: 47.530 ng
RT: 10.451 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

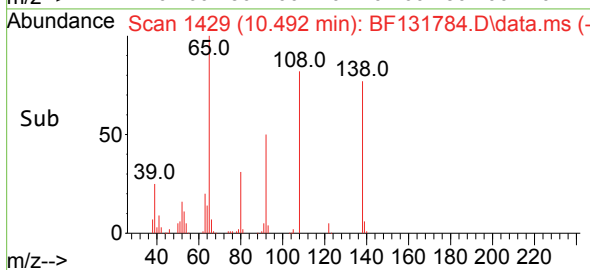
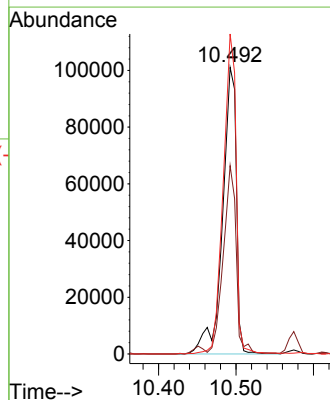
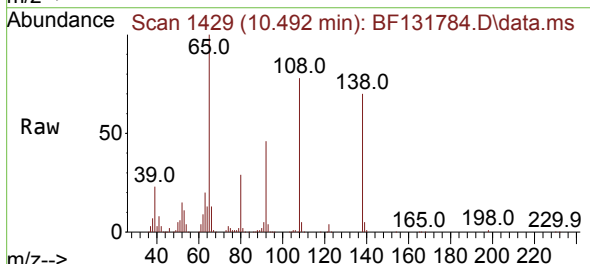
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

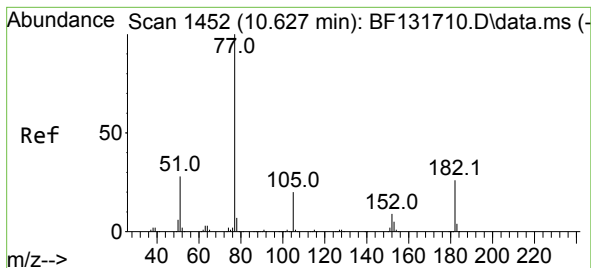
Tgt Ion:204 Resp: 294536
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 61.3 48.6 72.8



#62
4-Nitroaniline
Concen: 45.235 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion:138 Resp: 125242
Ion Ratio Lower Upper
138 100
92 65.7 42.1 82.1
108 111.6 83.1 123.1





#63

Azobenzene

Concen: 49.267 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.006 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion: 77 Resp: 651833

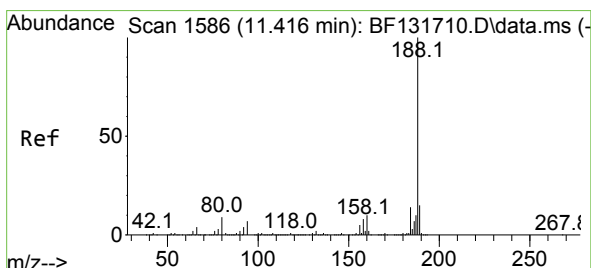
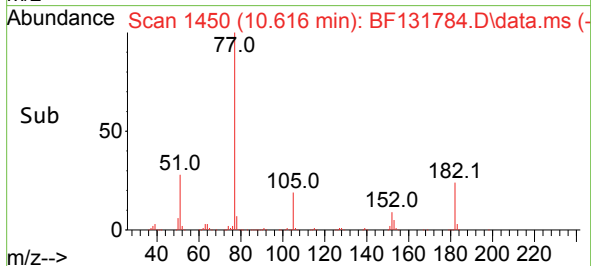
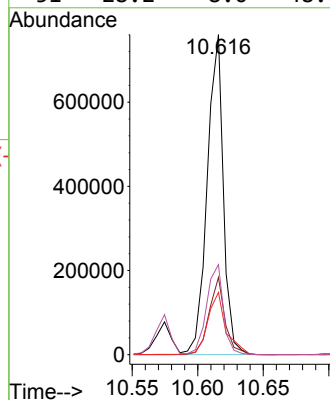
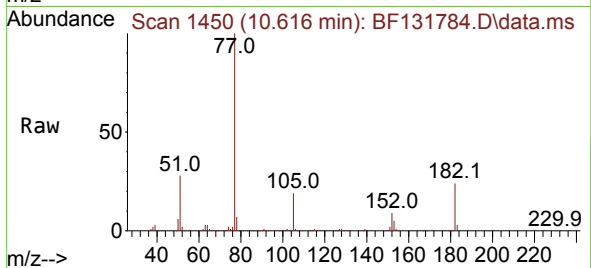
Ion Ratio Lower Upper

77 100

182 24.2 5.8 45.8

105 19.4 0.0 39.7

51 28.2 8.0 48.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.006 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

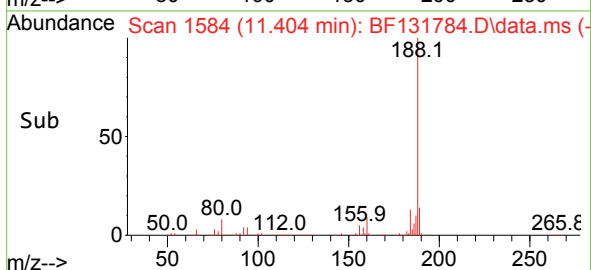
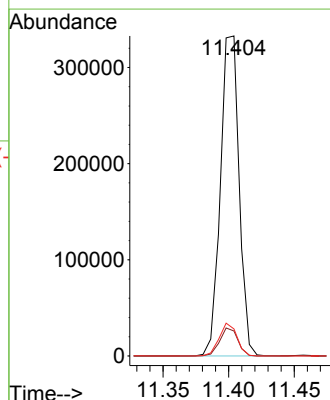
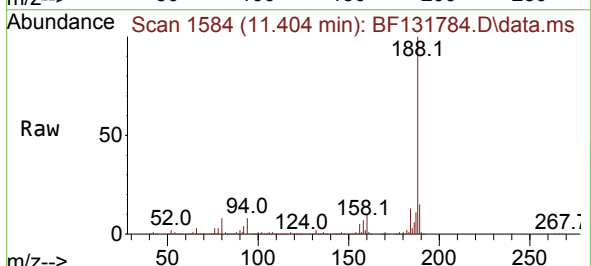
Tgt Ion: 188 Resp: 330024

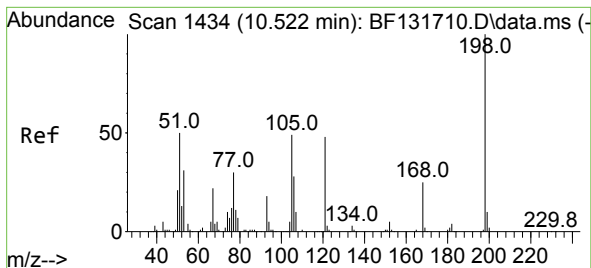
Ion Ratio Lower Upper

188 100

94 7.8 5.9 8.9

80 8.5 7.0 10.6

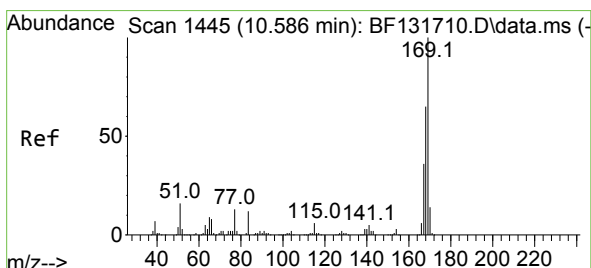
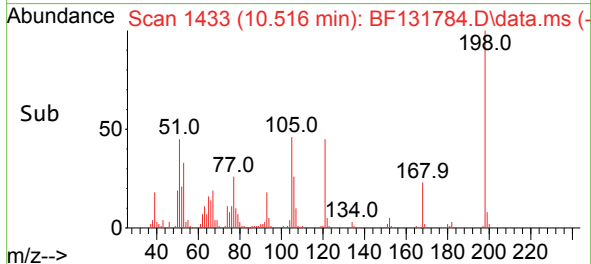
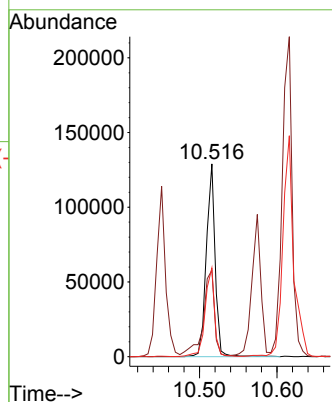
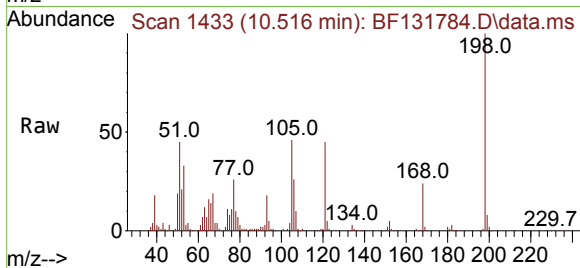




#65
4,6-Dinitro-2-methylphenol
Concen: 45.148 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

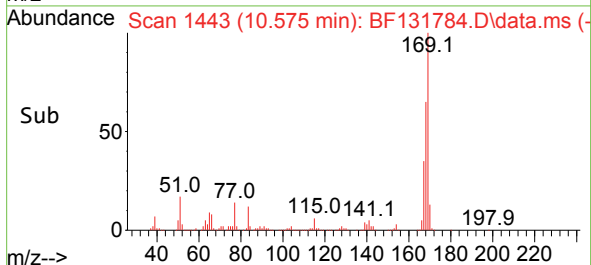
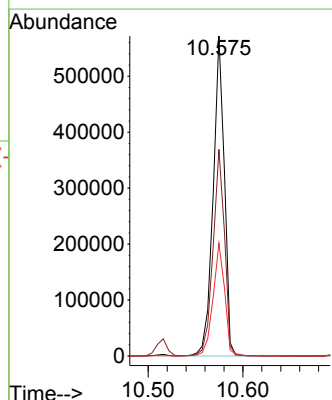
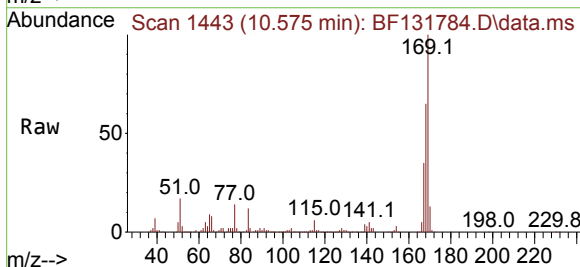
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

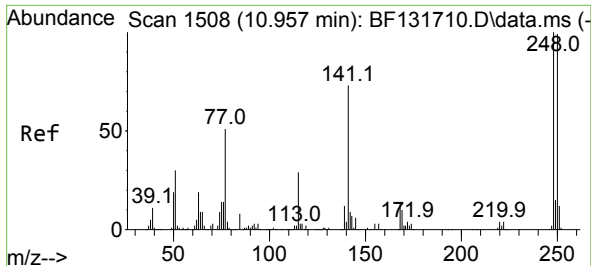
Tgt Ion:198 Resp: 102297
Ion Ratio Lower Upper
198 100
51 44.9 34.1 74.1
105 46.1 29.7 69.7



#66
n-Nitrosodiphenylamine
Concen: 45.728 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion:169 Resp: 467997
Ion Ratio Lower Upper
169 100
168 64.6 52.4 78.6
167 35.2 28.6 42.8

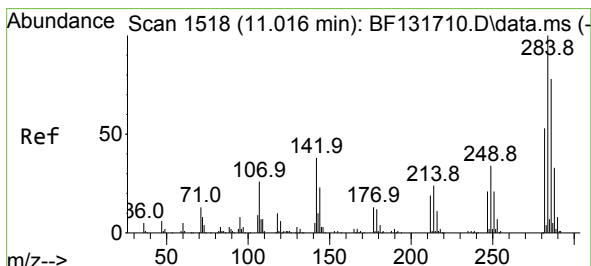
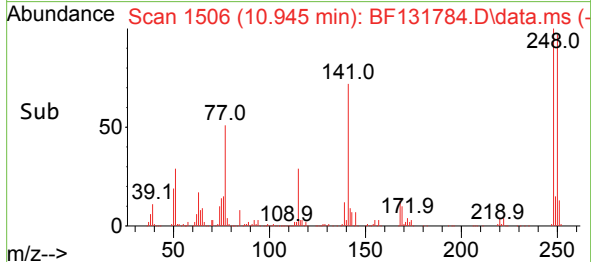
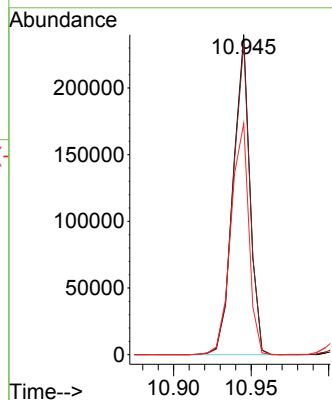
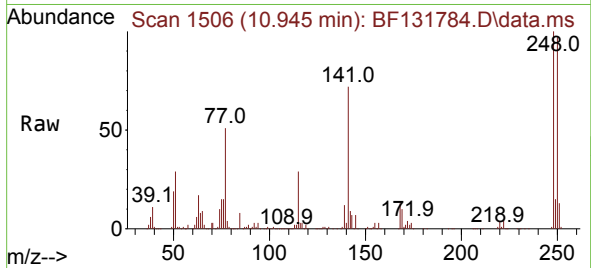




#67
4-Bromophenyl-phenylether
Concen: 46.205 ng
RT: 10.945 min Scan# 1506
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

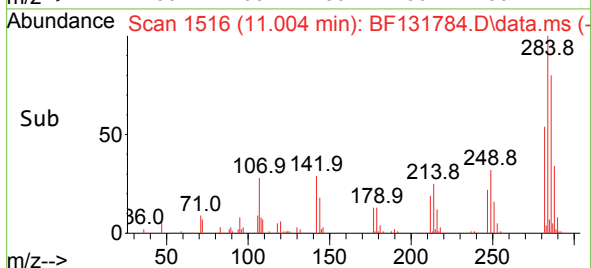
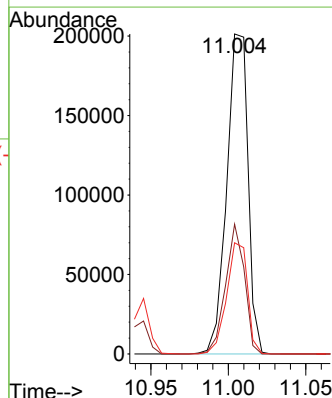
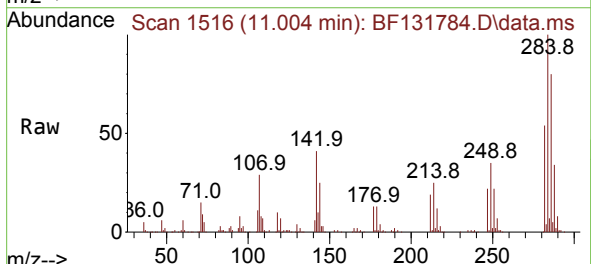
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

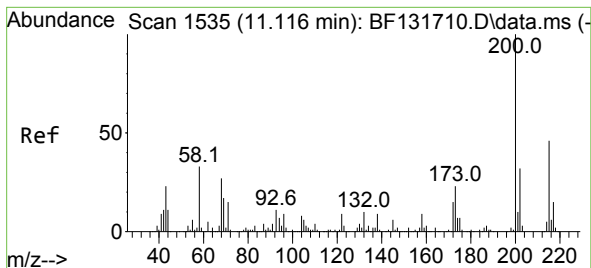
Tgt Ion:248 Resp: 180098
Ion Ratio Lower Upper
248 100
250 97.4 79.4 119.0
141 72.3 58.1 87.1



#68
Hexachlorobenzene
Concen: 44.898 ng
RT: 11.004 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion:284 Resp: 192472
Ion Ratio Lower Upper
284 100
142 40.5 30.2 45.4
249 34.8 27.2 40.8





#69

Atrazine

Concen: 54.010 ng

RT: 11.104 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

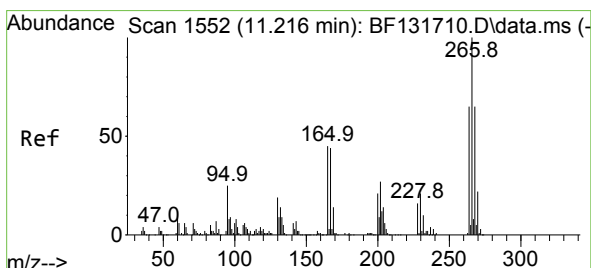
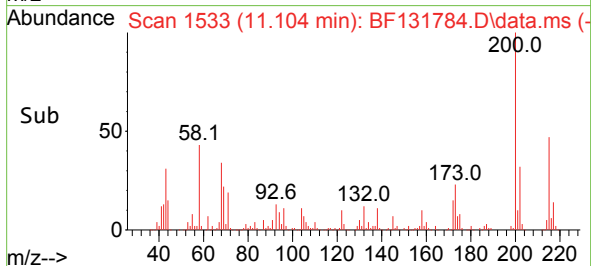
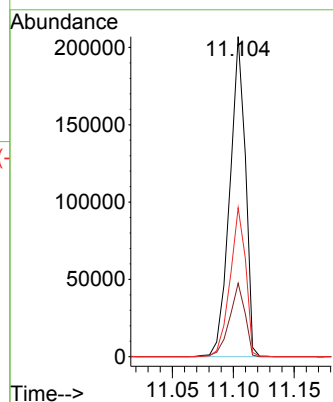
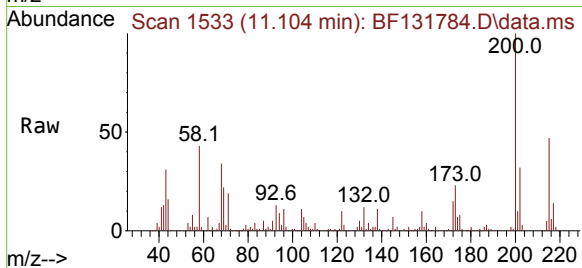
Tgt Ion:200 Resp: 184259

Ion Ratio Lower Upper

200 100

173 23.0 2.7 42.7

215 46.5 26.4 66.4



#70

Pentachlorophenol

Concen: 95.522 ng

RT: 11.204 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

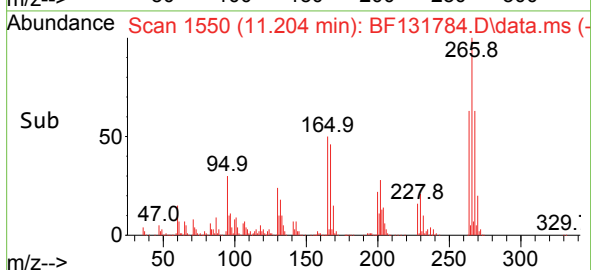
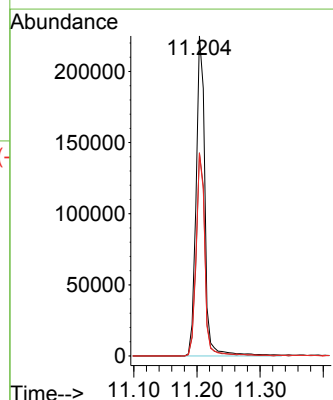
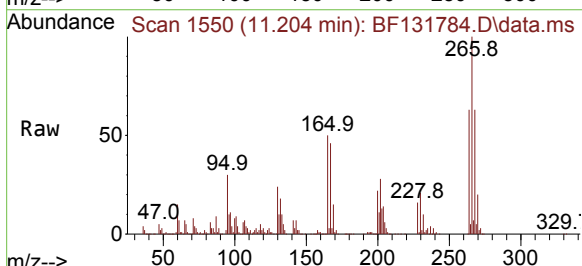
Tgt Ion:266 Resp: 217337

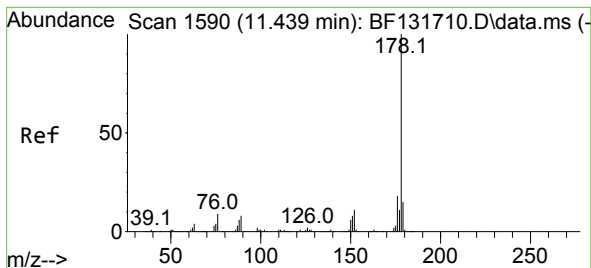
Ion Ratio Lower Upper

266 100

268 63.5 52.2 78.4

264 63.3 52.0 78.0





#71

Phenanthrene

Concen: 44.222 ng

RT: 11.428 min Scan# 1588

Delta R.T. -0.000 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

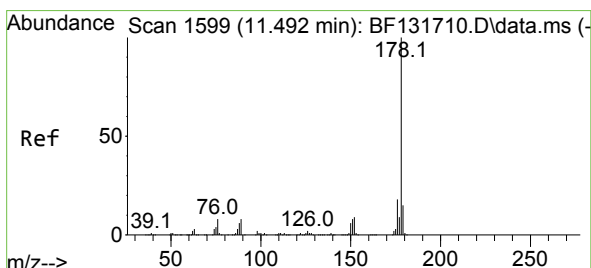
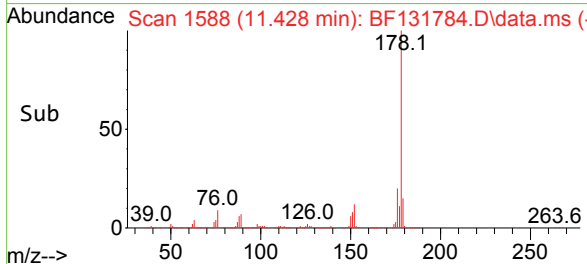
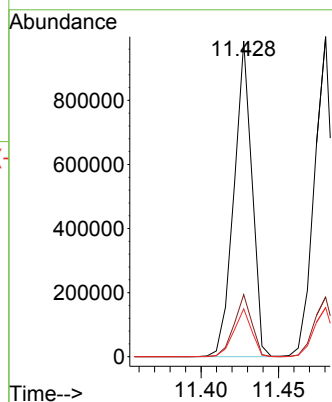
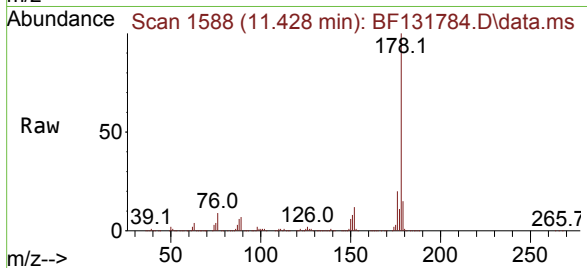
Tgt Ion:178 Resp: 795811

Ion Ratio Lower Upper

178 100

176 19.6 14.8 22.2

179 15.2 12.2 18.4



#72

Anthracene

Concen: 46.322 ng

RT: 11.480 min Scan# 1597

Delta R.T. -0.000 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

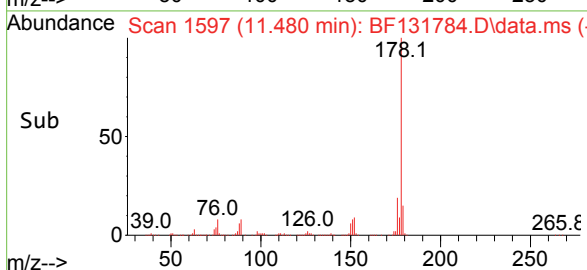
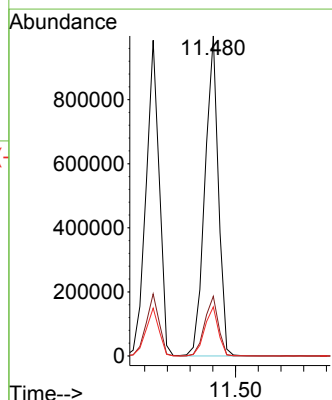
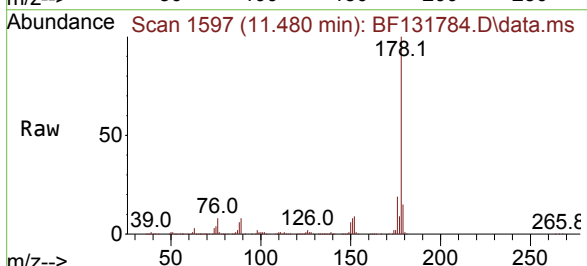
Tgt Ion:178 Resp: 816213

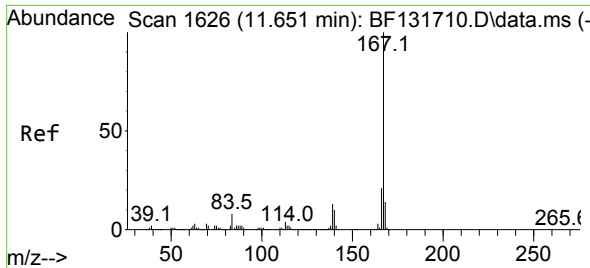
Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

179 15.3 12.2 18.4

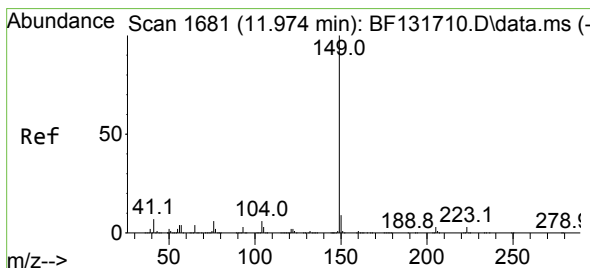
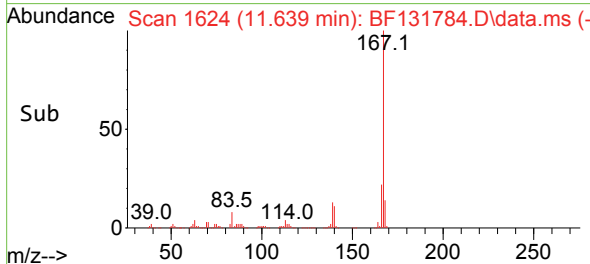
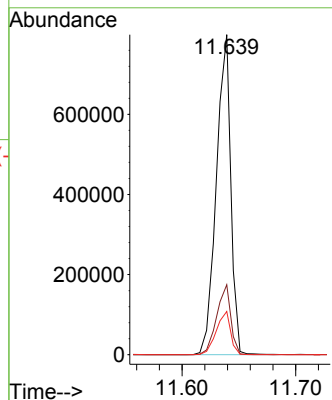
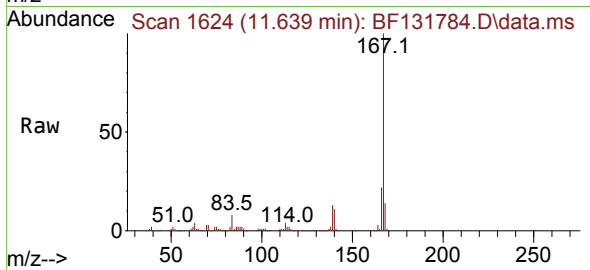




#73
 Carbazole
 Concen: 46.296 ng
 RT: 11.639 min Scan# 1624
 Delta R.T. 0.006 min
 Lab File: BF131784.D
 Acq: 22 Dec 2022 19:07

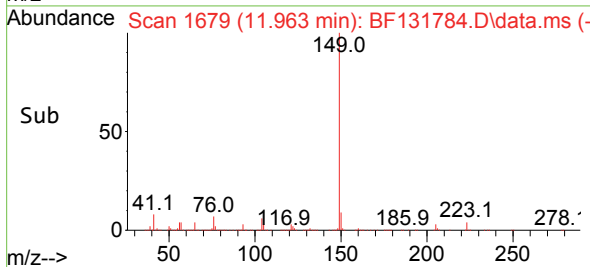
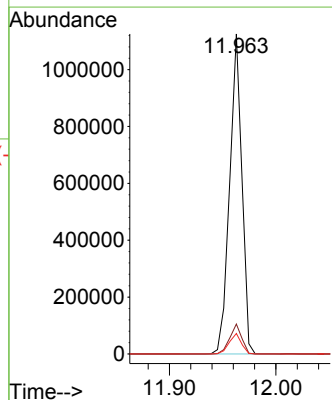
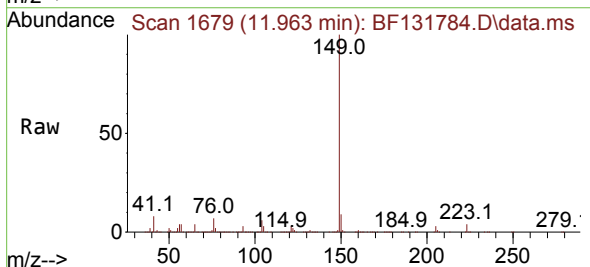
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS

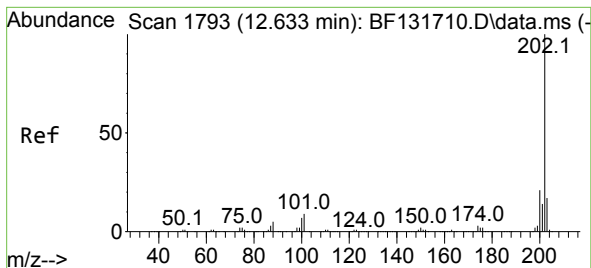
Tgt Ion:167	Resp: 705756
Ion Ratio	Lower Upper
167 100	
166 21.9	17.1 25.7
139 13.5	10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 47.269 ng
 RT: 11.963 min Scan# 1679
 Delta R.T. -0.000 min
 Lab File: BF131784.D
 Acq: 22 Dec 2022 19:07

Tgt Ion:149	Resp: 897275
Ion Ratio	Lower Upper
149 100	
150 9.3	7.4 11.2
104 6.4	5.0 7.4





#75

Fluoranthene

Concen: 44.214 ng

RT: 12.622 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

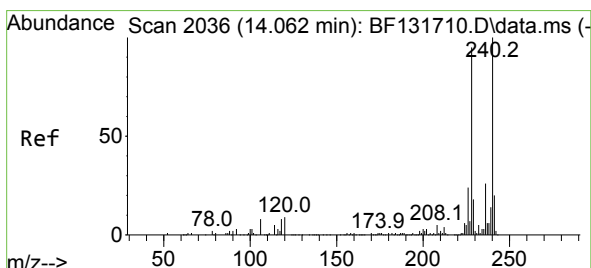
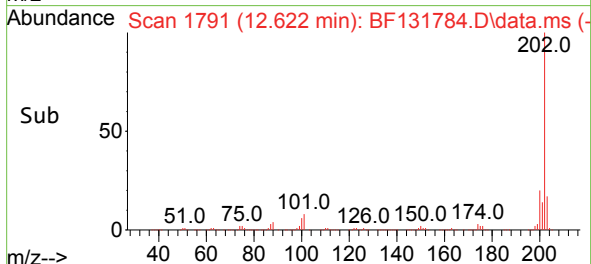
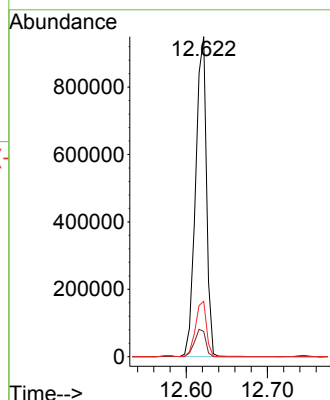
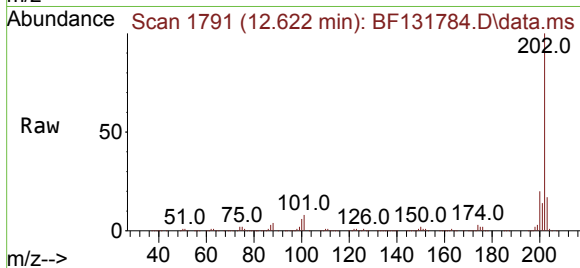
Tgt Ion:202 Resp: 886145

Ion Ratio Lower Upper

202 100

101 7.9 0.0 28.8

203 17.3 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

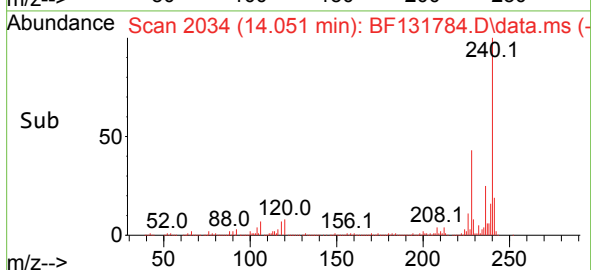
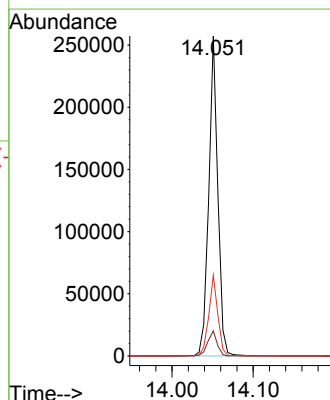
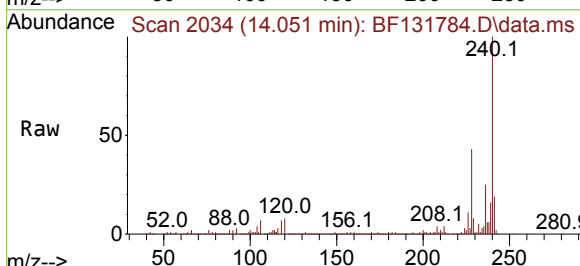
Tgt Ion:240 Resp: 198493

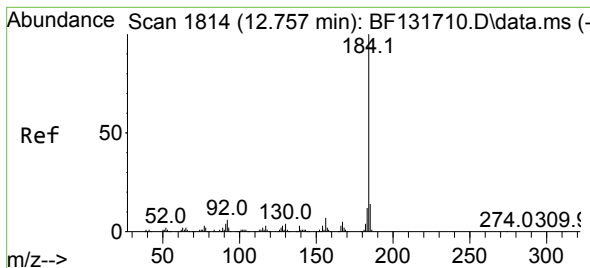
Ion Ratio Lower Upper

240 100

120 7.8 7.6 11.4

236 25.3 21.2 31.8





#77

Benzidine

Concen: 106.325 ng

RT: 12.745 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

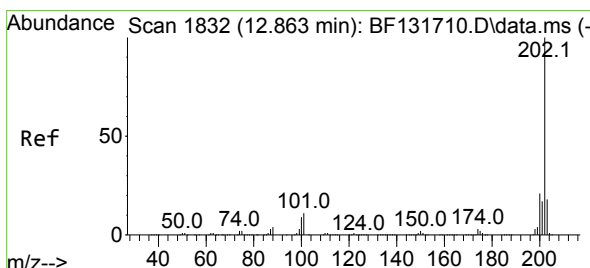
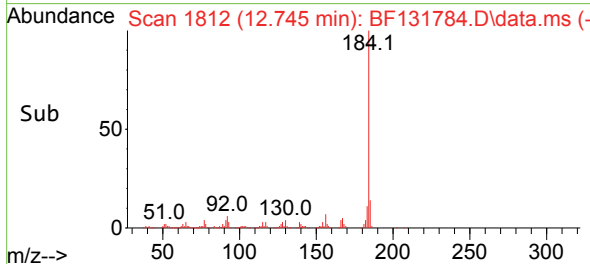
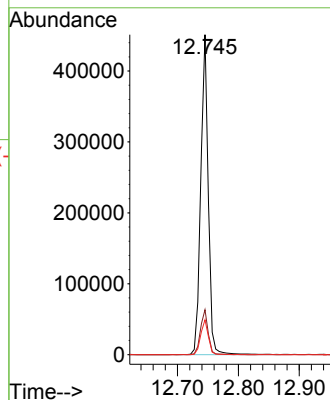
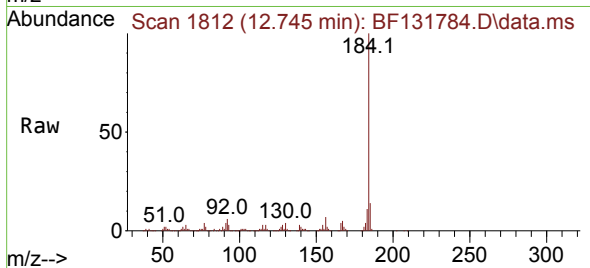
Tgt Ion:184 Resp: 386993

Ion Ratio Lower Upper

184 100

185 14.1 11.3 16.9

183 10.9 9.3 13.9



#78

Pyrene

Concen: 49.701 ng

RT: 12.851 min Scan# 1830

Delta R.T. -0.000 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

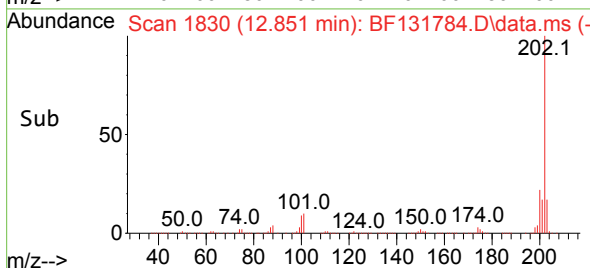
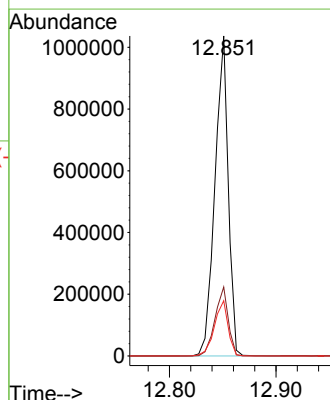
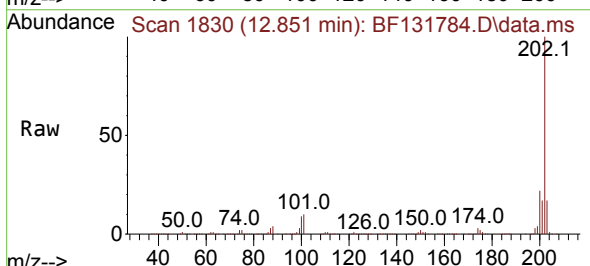
Tgt Ion:202 Resp: 896947

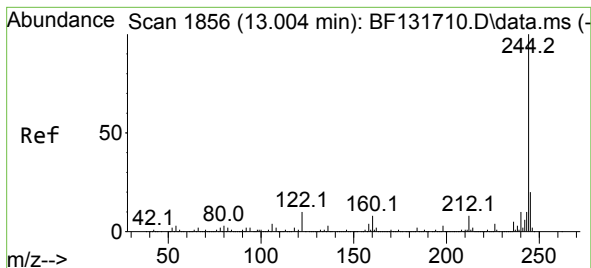
Ion Ratio Lower Upper

202 100

200 21.6 17.1 25.7

203 17.3 14.1 21.1





#79

Terphenyl-d14

Concen: 87.693 ng

RT: 12.992 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131784.D

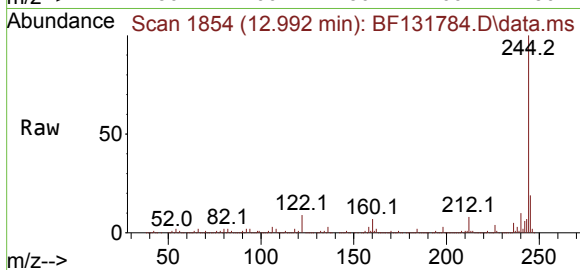
Acq: 22 Dec 2022 19:07

Instrument :

BNA_F

ClientSampleId :

COMP-1MS



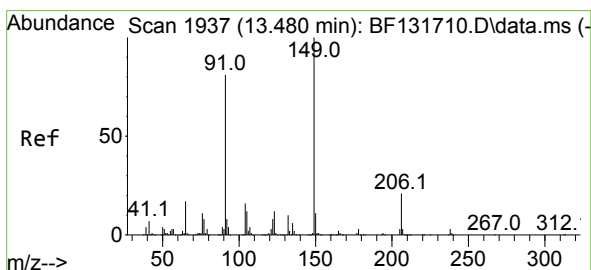
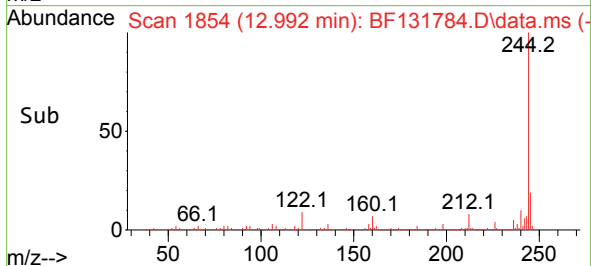
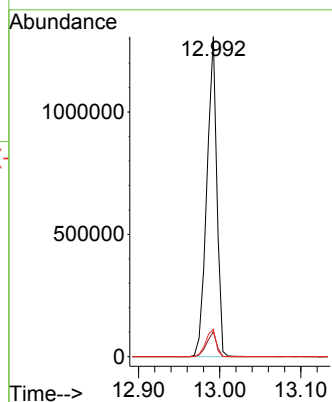
Tgt Ion:244 Resp: 1116857

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

122 8.5 7.7 11.5



#80

Butylbenzylphthalate

Concen: 55.180 ng

RT: 13.469 min Scan# 1935

Delta R.T. 0.006 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

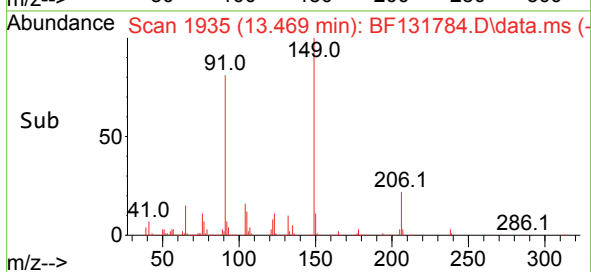
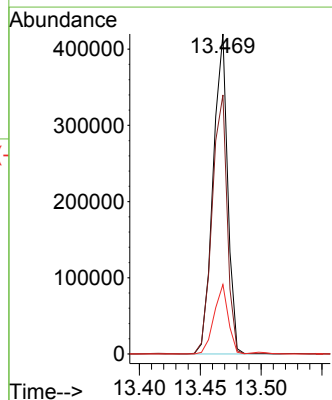
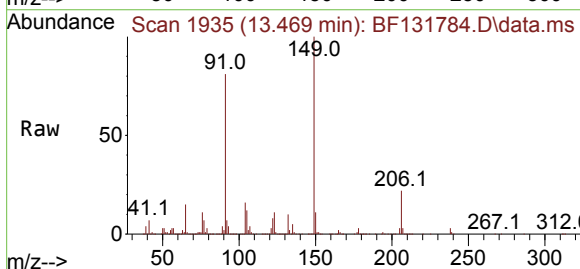
Tgt Ion:149 Resp: 351220

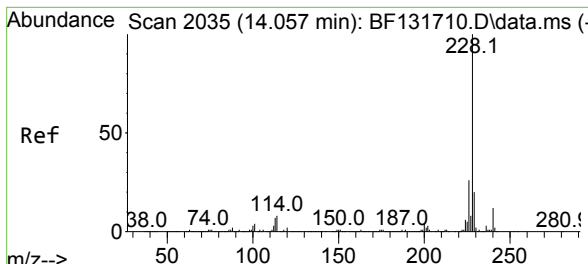
Ion Ratio Lower Upper

149 100

91 81.0 64.9 97.3

206 21.7 17.0 25.4

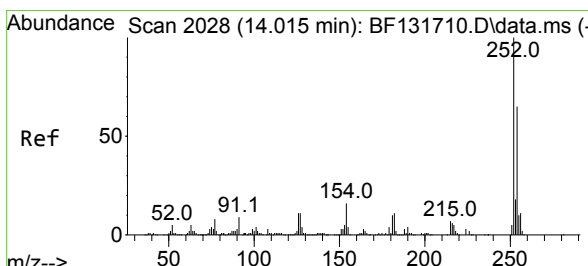
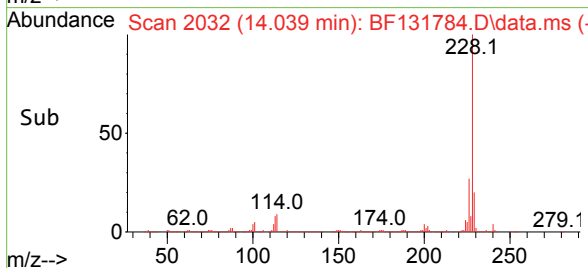
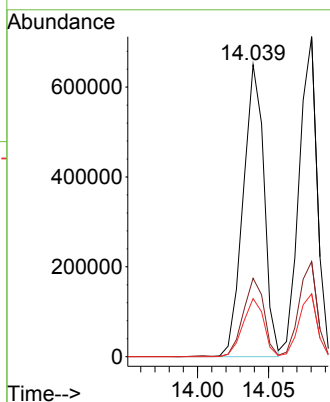
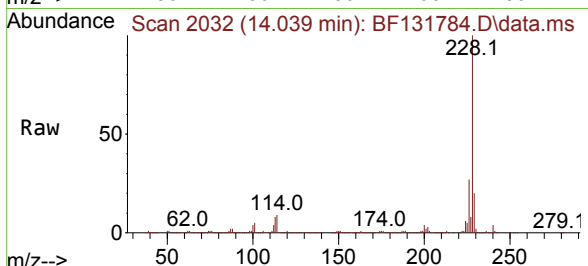




#81
Benzo(a)anthracene
Concen: 46.315 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

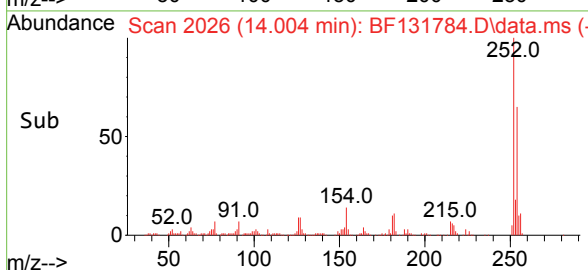
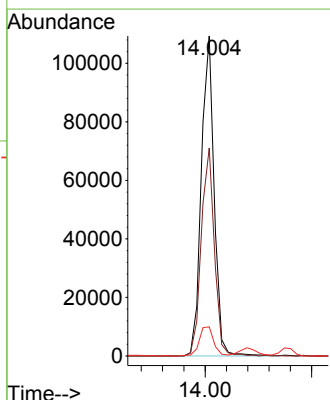
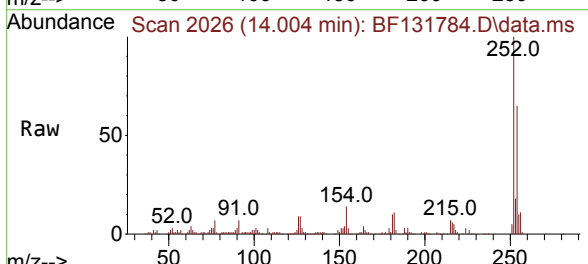
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

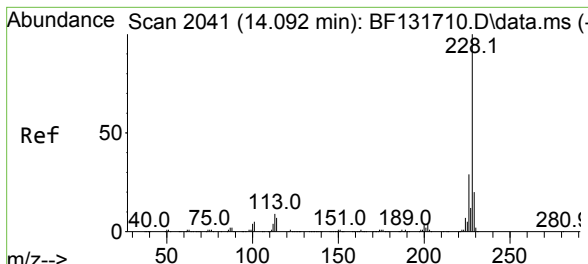
Tgt Ion:228	Resp: 662103
Ion Ratio	Lower Upper
228	100
226	26.9 21.0 31.4
229	19.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 22.949 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion:252	Resp: 91593
Ion Ratio	Lower Upper
252	100
254	65.0 52.1 78.1
126	9.1 8.4 12.6





#83

Chrysene

Concen: 46.882 ng

RT: 14.080 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

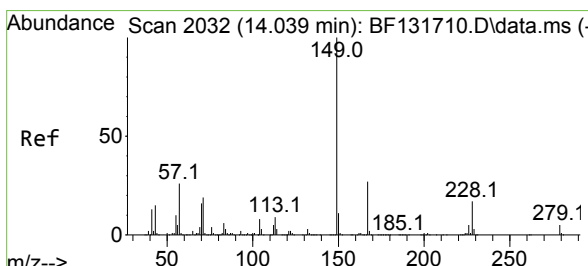
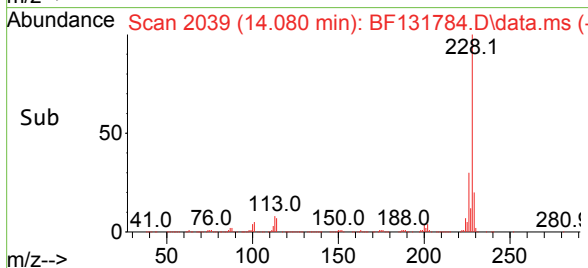
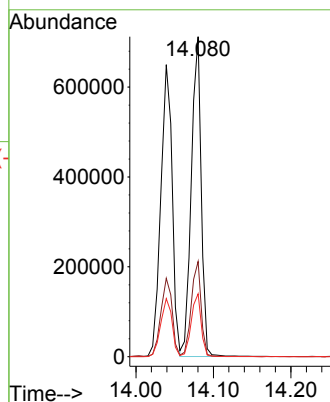
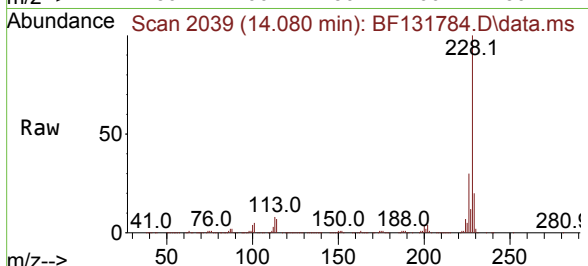
Tgt Ion:228 Resp: 632564

Ion Ratio Lower Upper

228 100

226 29.8 23.5 35.3

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.242 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.000 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

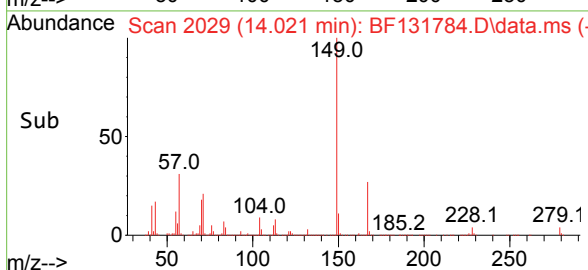
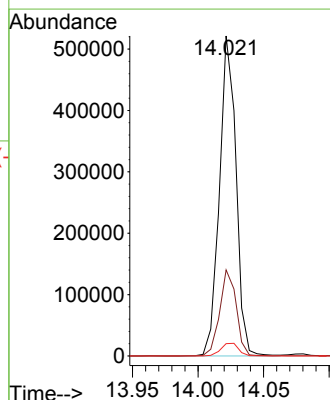
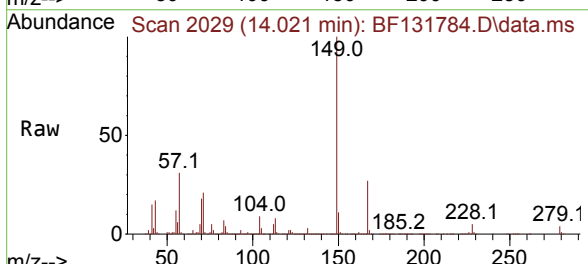
Tgt Ion:149 Resp: 457228

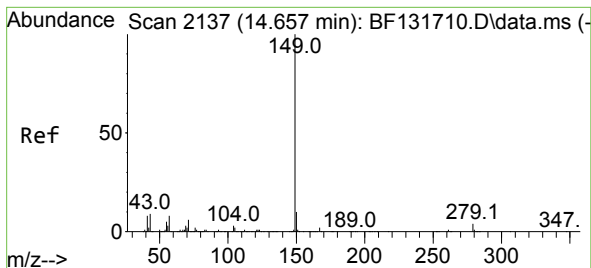
Ion Ratio Lower Upper

149 100

167 26.9 21.7 32.5

279 3.8 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 60.053 ng

RT: 14.639 min Scan# 2137

Delta R.T. -0.000 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

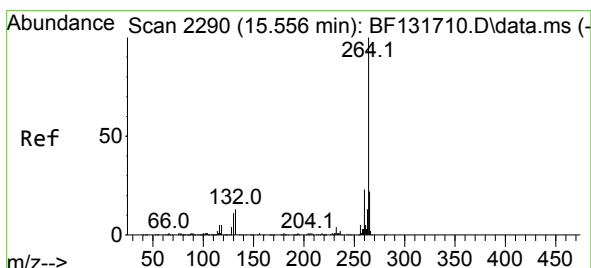
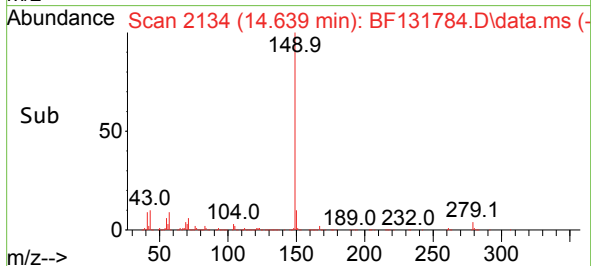
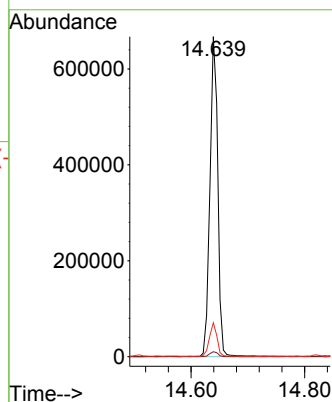
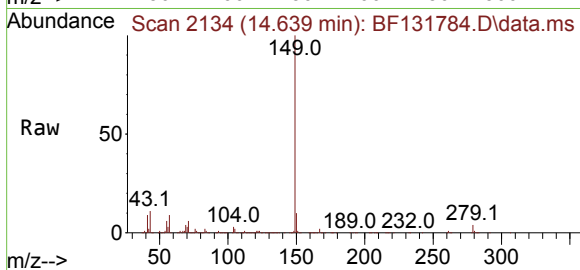
Tgt Ion:149 Resp: 636241

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 10.0 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2286

Delta R.T. -0.000 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

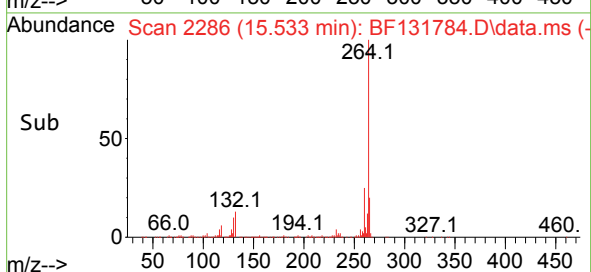
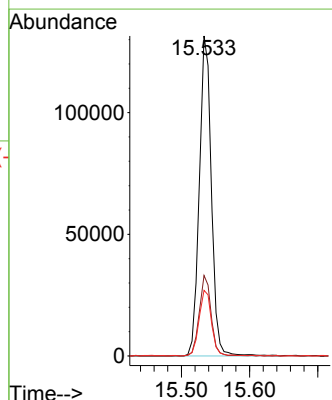
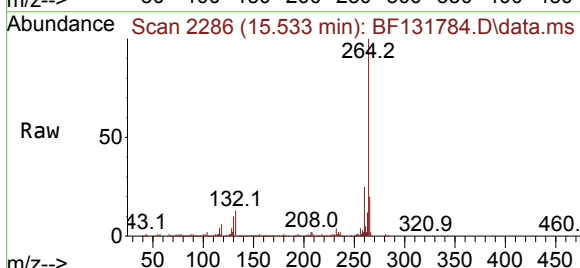
Tgt Ion:264 Resp: 161717

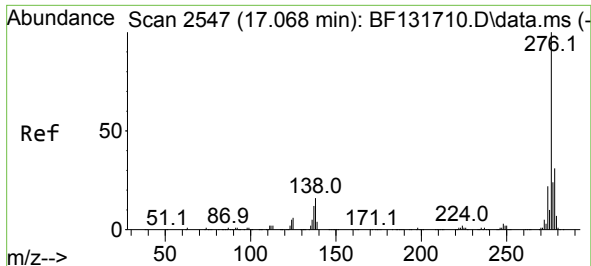
Ion Ratio Lower Upper

264 100

260 25.1 18.6 28.0

265 20.5 17.4 26.2

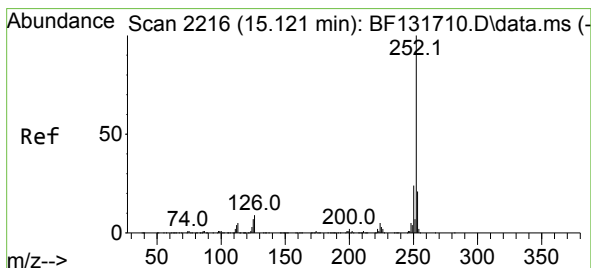
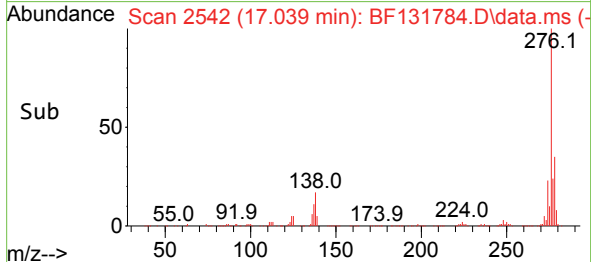
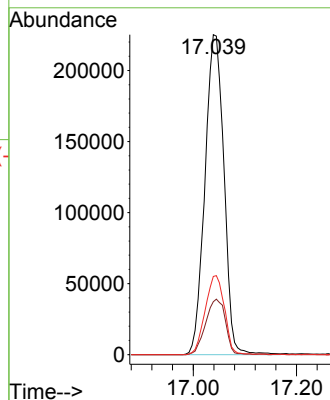
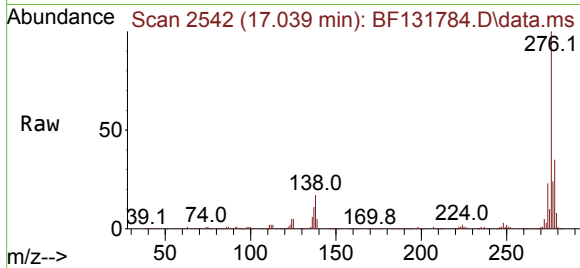




#87
Indeno(1,2,3-cd)pyrene
Concen: 52.931 ng
RT: 17.039 min Scan# 211
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

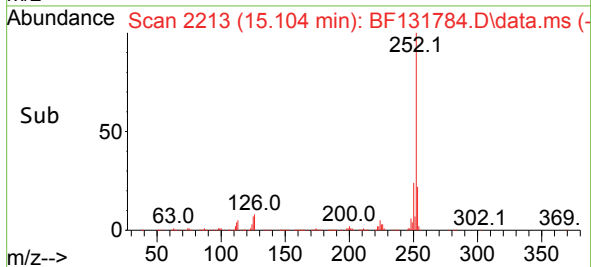
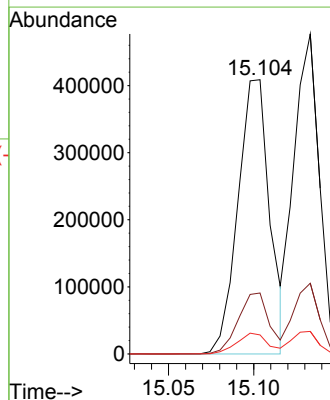
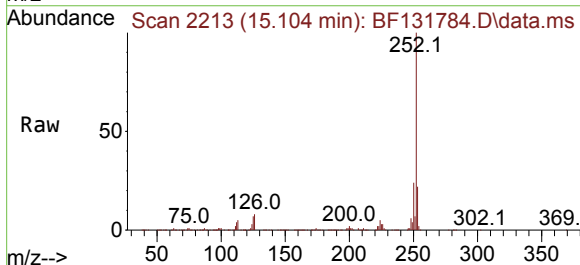
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

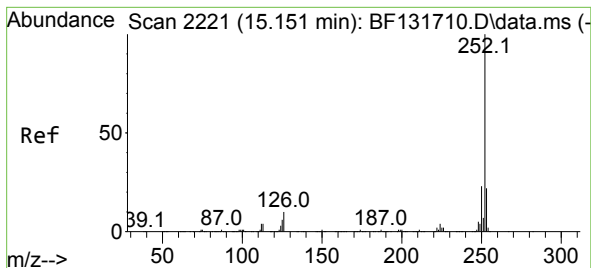
Tgt Ion:276 Resp: 574953
Ion Ratio Lower Upper
276 100
138 18.1 14.4 21.6
277 25.0 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 46.448 ng
RT: 15.104 min Scan# 2213
Delta R.T. 0.006 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion:252 Resp: 531425
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 6.9 5.5 8.3





#89

Benzo(k)fluoranthene

Concen: 44.976 ng

RT: 15.133 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

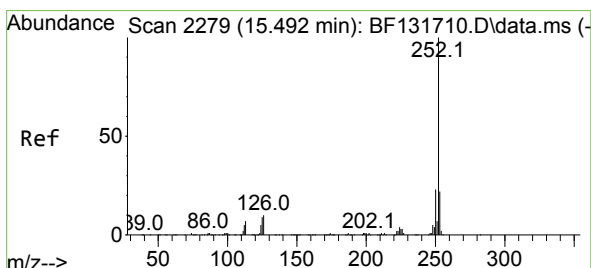
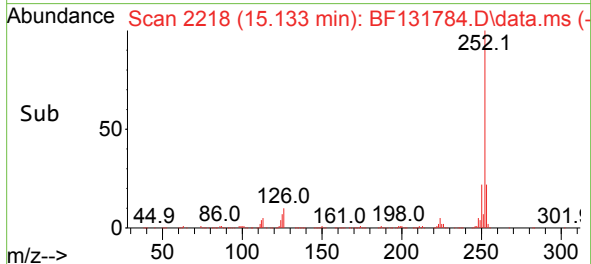
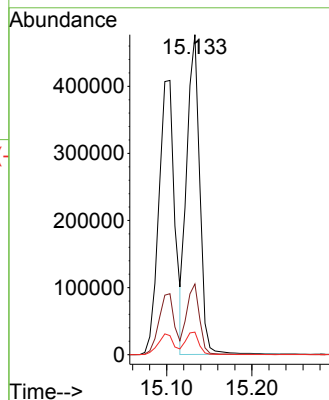
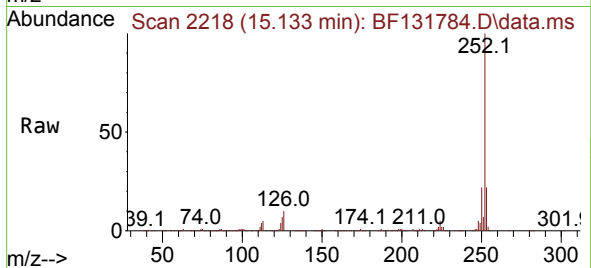
Tgt Ion:252 Resp: 502129

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 7.0 5.2 7.8



#90

Benzo(a)pyrene

Concen: 49.302 ng

RT: 15.474 min Scan# 2276

Delta R.T. -0.000 min

Lab File: BF131784.D

Acq: 22 Dec 2022 19:07

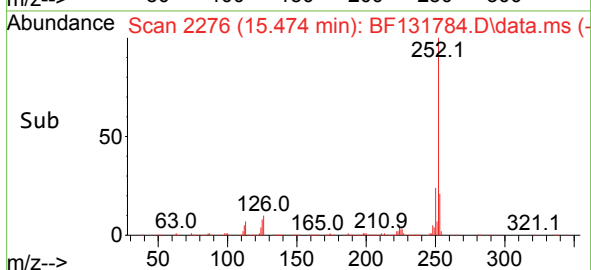
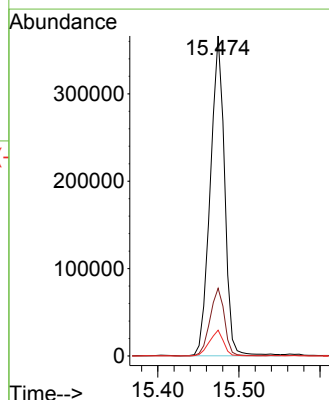
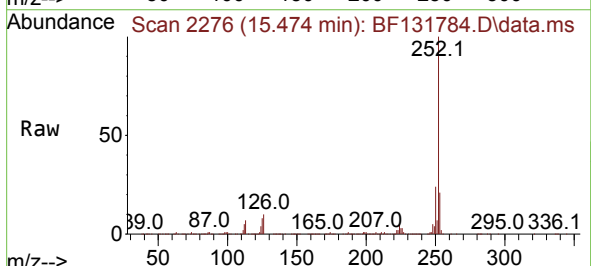
Tgt Ion:252 Resp: 446813

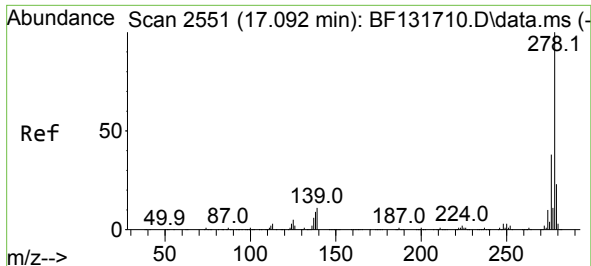
Ion Ratio Lower Upper

252 100

253 21.1 17.5 26.3

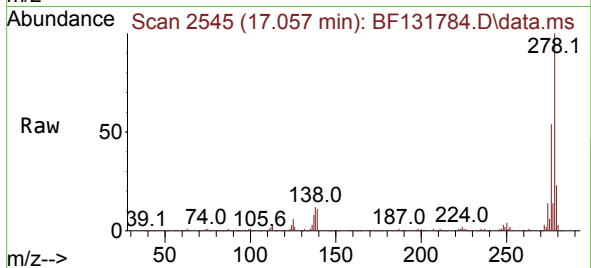
125 8.0 7.0 10.4



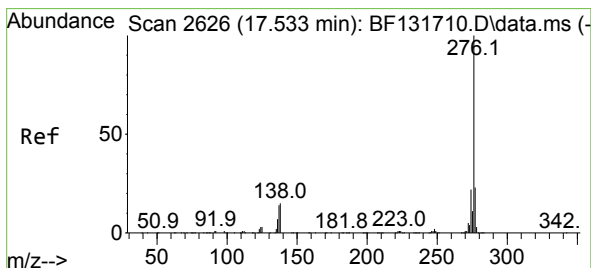
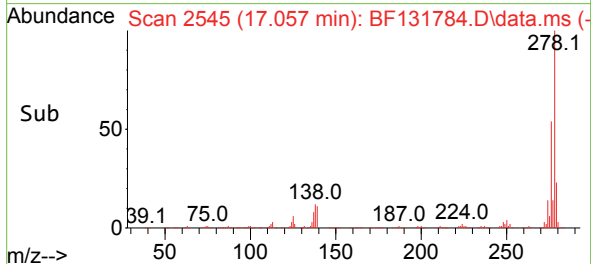
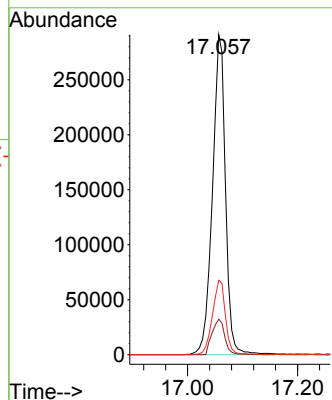


#91
Dibenzo(a,h)anthracene
Concen: 53.409 ng
RT: 17.057 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion:278 Resp: 479434
Ion Ratio Lower Upper
278 100
139 11.1 8.7 13.1
279 23.2 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 53.952 ng
RT: 17.498 min Scan# 2620
Delta R.T. -0.000 min
Lab File: BF131784.D
Acq: 22 Dec 2022 19:07

Tgt Ion:276 Resp: 478690
Ion Ratio Lower Upper
276 100
277 23.3 18.3 27.5
138 15.1 12.3 18.5

