

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112922\
 Data File : BF131461.D
 Acq On : 29 Nov 2022 17:37
 Operator : CG\JU
 Sample : N5780-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-MMMSD

Quant Time: Nov 30 01:07:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	152889	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	587696	20.000	ng	# 0.00
39) Acenaphthene-d10	10.004	164	322954	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	562518	20.000	ng	# 0.00
76) Chrysene-d12	14.157	240	366358	20.000	ng	#-0.01
86) Perylene-d12	15.686	264	313882	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1053403	131.131	ng	0.03
7) Phenol-d6	6.581	99	1281249	125.007	ng	0.00
23) Nitrobenzene-d5	7.516	82	925316	79.367	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	406398	149.574	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1676231	75.510	ng	0.00
79) Terphenyl-d14	13.092	244	1828991	81.638	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.004	88	156135	40.769	ng	# 74
3) Pyridine	3.698	79	377635	35.511	ng	86
4) n-Nitrosodimethylamine	3.646	42	226588	36.131	ng	# 72
6) Aniline	6.610	93	292001	21.738	ng	98
8) 2-Chlorophenol	6.734	128	446068	49.013	ng	97
9) Benzaldehyde	6.498	77	196093	29.016	ng	97
10) Phenol	6.592	94	493161	43.397	ng	89
11) bis(2-Chloroethyl)ether	6.686	93	446155	46.860	ng	94
12) 1,3-Dichlorobenzene	6.886	146	434423	40.051	ng	99
13) 1,4-Dichlorobenzene	6.963	146	443455	40.236	ng	100
14) 1,2-Dichlorobenzene	7.116	146	429957	42.368	ng	97
15) Benzyl Alcohol	7.092	79	404173	48.093	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.222	45	713402	39.180	ng	94
17) 2-Methylphenol	7.198	107	376187	48.497	ng	96
18) Hexachloroethane	7.463	117	165179	41.896	ng	96
19) n-Nitroso-di-n-propyla...	7.369	70	322304	42.956	ng	87
20) 3+4-Methylphenols	7.198	107	376982	38.063	ng	80
22) Acetophenone	7.363	105	601733	40.225	ng	# 95
24) Nitrobenzene	7.539	77	486129	40.020	ng	91
25) Isophorone	7.775	82	919987	44.230	ng	98
26) 2-Nitrophenol	7.851	139	233695	57.451	ng	87
27) 2,4-Dimethylphenol	7.886	122	415261	51.499	ng	93
28) bis(2-Chloroethoxy)met...	7.981	93	553328	46.837	ng	99
29) 2,4-Dichlorophenol	8.092	162	389871	44.574	ng	97
30) 1,2,4-Trichlorobenzene	8.175	180	419550	38.721	ng	98
31) Naphthalene	8.263	128	1384881	44.220	ng	99
32) Benzoic acid	7.998	122	187268	39.982	ng	96
33) 4-Chloroaniline	8.304	127	128312	10.385	ng	94
34) Hexachlorobutadiene	8.369	225	248242	35.381	ng	97
35) Caprolactam	8.686	113	57167	24.872	ng	# 80
36) 4-Chloro-3-methylphenol	8.792	107	414195	45.581	ng	99
37) 2-Methylnaphthalene	8.957	142	868468	40.927	ng	98
38) 1-Methylnaphthalene	9.057	142	812604	39.491	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	422194	40.285	ng	99
41) Hexachlorocyclopentadiene	9.104	237	454208	96.407	ng	98
43) 2,4,6-Trichlorophenol	9.233	196	295106	49.637	ng	99

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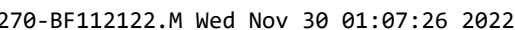
Instrument :
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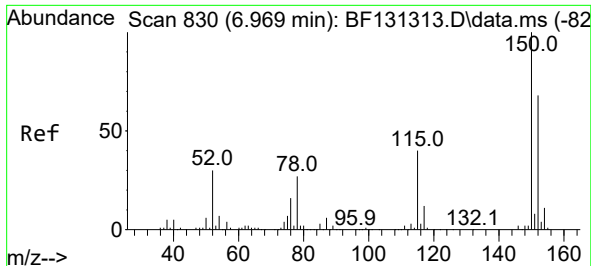
Quant Time: Nov 30 01:07:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	304711	45.578	ng	99
46) 1,1'-Biphenyl	9.422	154	1049402	42.580	ng	98
47) 2-Chloronaphthalene	9.451	162	823883	41.673	ng	98
48) 2-Nitroaniline	9.545	65	280320	46.698	ng	95
49) Acenaphthylene	9.869	152	1264975	41.973	ng	100
50) Dimethylphthalate	9.727	163	960878	42.703	ng	98
51) 2,6-Dinitrotoluene	9.786	165	221020	49.116	ng	84
52) Acenaphthene	10.039	154	836580	44.330	ng	99
53) 3-Nitroaniline	9.957	138	113739	24.598	ng	98
54) 2,4-Dinitrophenol	10.063	184	157531	77.700	ng	# 81
55) Dibenzofuran	10.210	168	1108594	40.832	ng	98
56) 4-Nitrophenol	10.122	139	315304	98.252	ng	88
57) 2,4-Dinitrotoluene	10.192	165	288578	50.968	ng	94
58) Fluorene	10.557	166	861544	40.660	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.327	232	257419	46.235	ng	# 96
60) Diethylphthalate	10.427	149	882306	41.527	ng	98
61) 4-Chlorophenyl-phenyle...	10.545	204	433378	39.897	ng	100
62) 4-Nitroaniline	10.580	138	211049	45.862	ng	86
63) Azobenzene	10.710	77	894441	39.153	ng	92
65) 4,6-Dinitro-2-methylph...	10.604	198	120578	49.448	ng	# 73
66) n-Nitrosodiphenylamine	10.669	169	748319	41.749	ng	99
67) 4-Bromophenyl-phenylether	11.039	248	287808	41.745	ng	98
68) Hexachlorobenzene	11.104	284	309859	42.346	ng	93
69) Atrazine	11.198	200	272517	49.380	ng	99
70) Pentachlorophenol	11.298	266	327150	77.130	ng	99
71) Phenanthrene	11.527	178	1244491	40.937	ng	99
72) Anthracene	11.580	178	1247689	41.762	ng	99
73) Carbazole	11.733	167	1129461	44.319	ng	99
74) Di-n-butylphthalate	12.057	149	1330875	44.318	ng	99
75) Fluoranthene	12.721	202	1322499	41.284	ng	98
77) Benzidine	12.839	184	232634	34.377	ng	95
78) Pyrene	12.951	202	1325588	41.010	ng	99
80) Butylbenzylphthalate	13.568	149	516454	47.536	ng	97
81) Benzo(a)anthracene	14.145	228	1062655	42.317	ng	99
82) 3,3'-Dichlorobenzidine	14.104	252	170062	25.521	ng	99
83) Chrysene	14.186	228	991592	40.248	ng	99
84) Bis(2-ethylhexyl)phtha...	14.127	149	681304	47.272	ng	# 98
85) Di-n-octyl phthalate	14.751	149	1039787	50.028	ng	94
87) Indeno(1,2,3-cd)pyrene	17.256	276	942149	44.690	ng	97
88) Benzo(b)fluoranthene	15.233	252	966935	46.372	ng	# 98
89) Benzo(k)fluoranthene	15.268	252	860318	40.148	ng	99
90) Benzo(a)pyrene	15.627	252	787001	45.998	ng	# 98
91) Dibenzo(a,h)anthracene	17.280	278	795643	45.713	ng	97
92) Benzo(g,h,i)perylene	17.739	276	805201	46.352	ng	97

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

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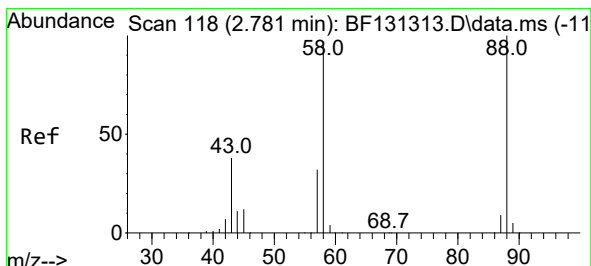
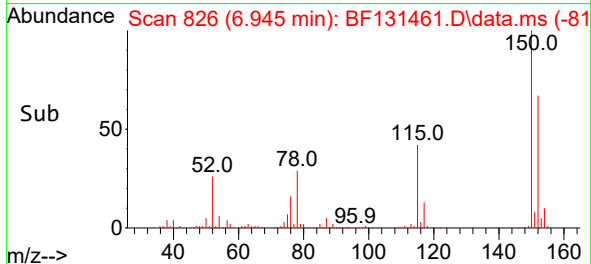
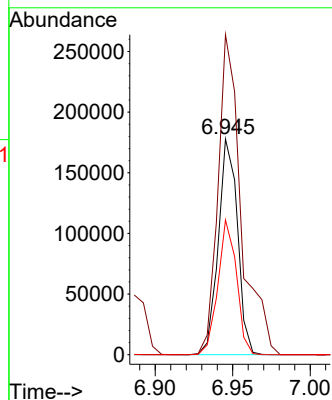
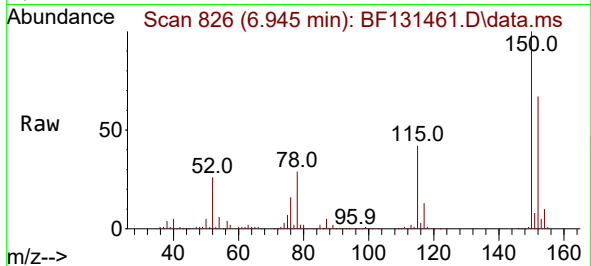




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

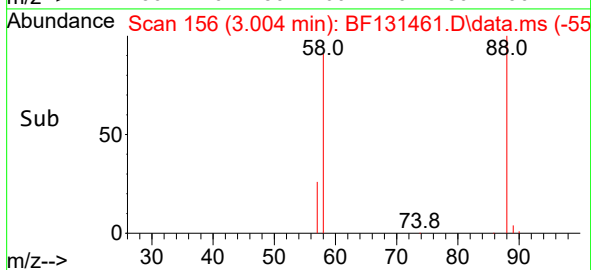
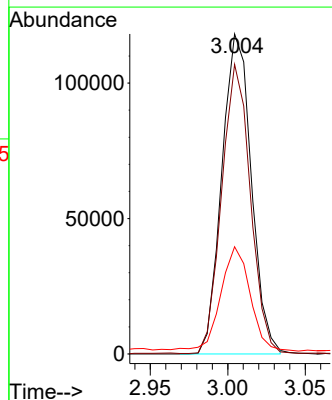
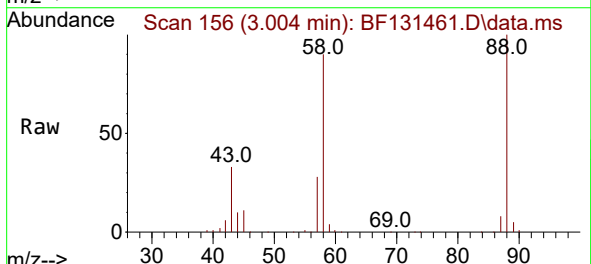
Instrument :
BNA_F
ClientSampleId :
TP-MMSD

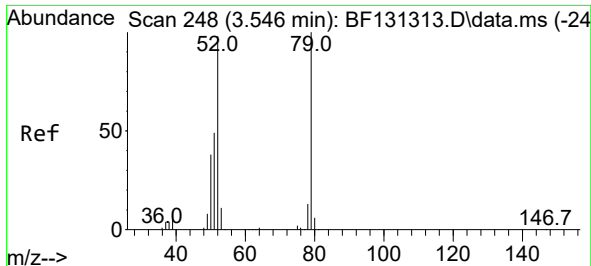
Tgt Ion:152 Resp: 152889
Ion Ratio Lower Upper
152 100
150 148.4 117.8 176.8
115 62.5 47.1 70.7



#2
1,4-Dioxane
Concen: 40.769 ng
RT: 3.004 min Scan# 156
Delta R.T. 0.247 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion: 88 Resp: 156135
Ion Ratio Lower Upper
88 100
58 87.7 78.2 117.4
43 0.0 31.6 47.4#





#3

Pyridine

Concen: 35.511 ng

RT: 3.698 min Scan# 21

Delta R.T. 0.164 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

Instrument :

BNA_F

ClientSampleId :

TP-MMSD

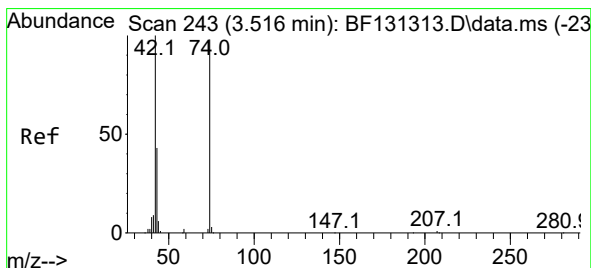
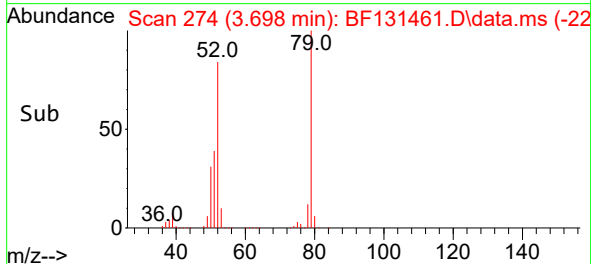
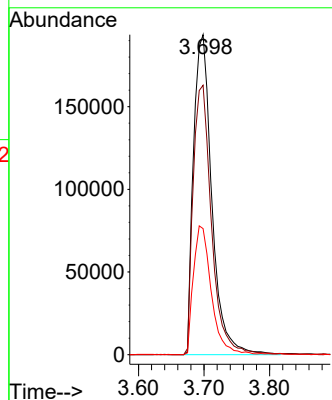
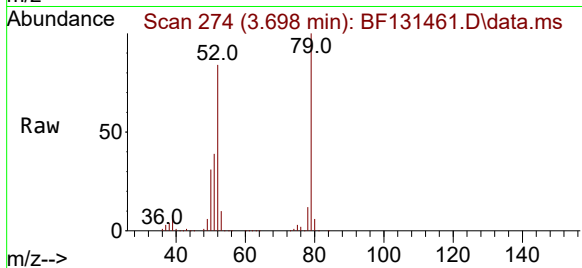
Tgt Ion: 79 Resp: 377635

Ion Ratio Lower Upper

79 100

52 84.2 78.7 118.1

51 39.4 39.3 58.9



#4

n-Nitrosodimethylamine

Concen: 36.131 ng

RT: 3.646 min Scan# 265

Delta R.T. 0.147 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

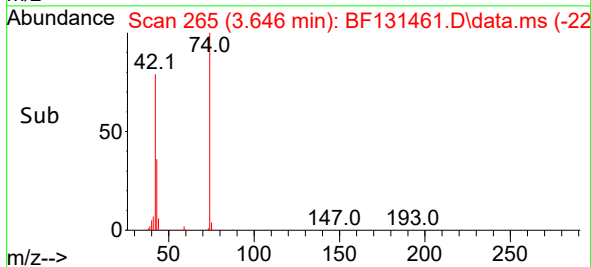
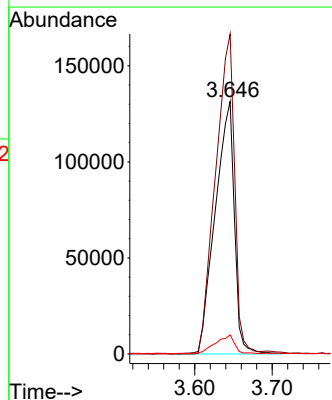
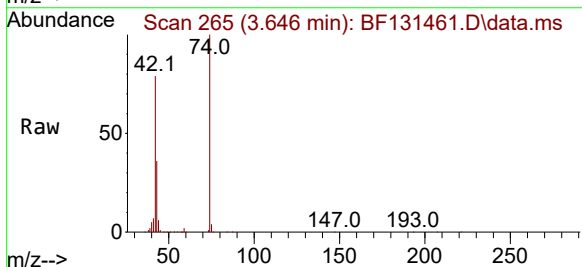
Tgt Ion: 42 Resp: 226588

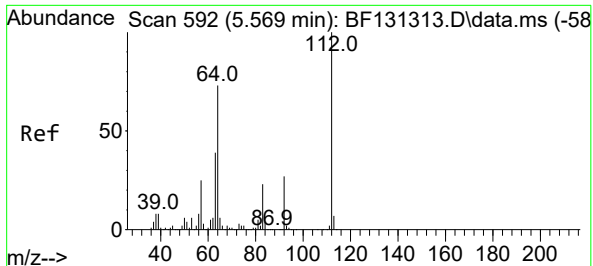
Ion Ratio Lower Upper

42 100

74 126.7 78.0 117.0#

44 7.5 5.2 7.8

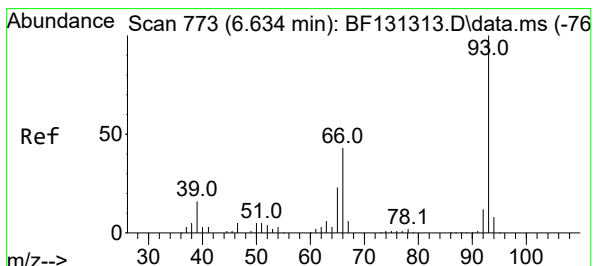
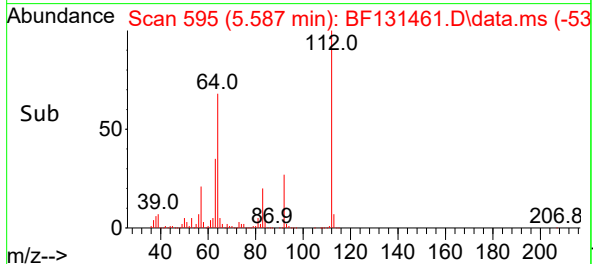
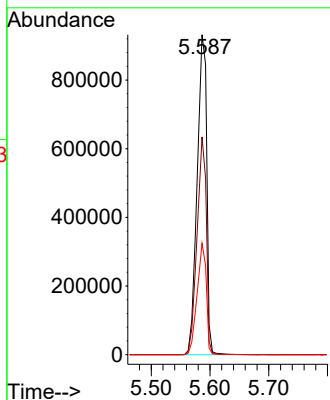
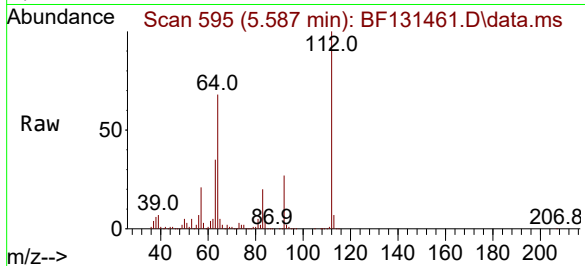




#5
2-Fluorophenol
Concen: 131.131 ng
RT: 5.587 min Scan# 592
Delta R.T. 0.029 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

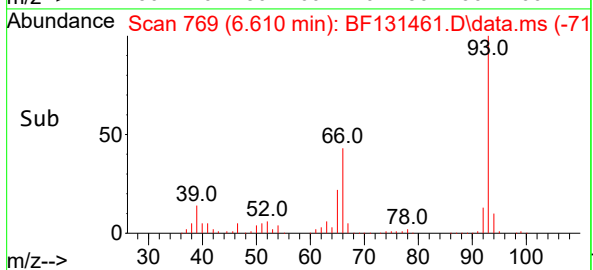
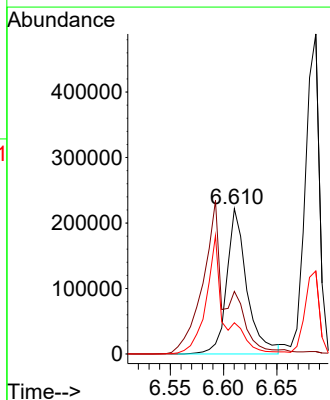
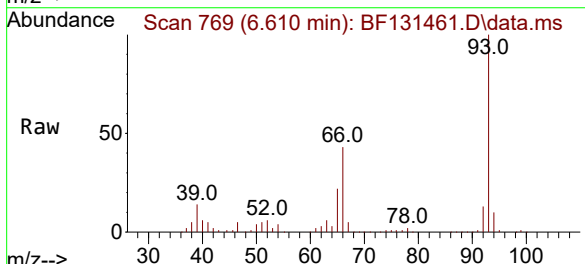
Instrument :
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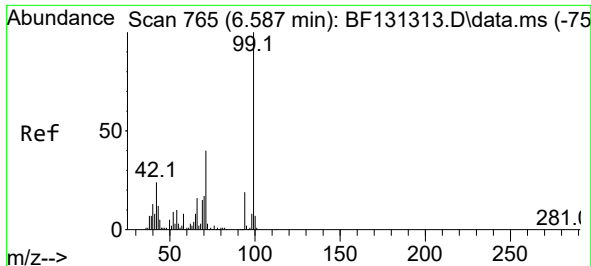
Tgt Ion:112 Resp: 1053403
Ion Ratio Lower Upper
112 100
64 68.1 58.6 88.0
63 34.8 31.4 47.0



#6
Aniline
Concen: 21.738 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion: 93 Resp: 292001
Ion Ratio Lower Upper
93 100
66 43.1 35.6 53.4
65 21.5 18.4 27.6

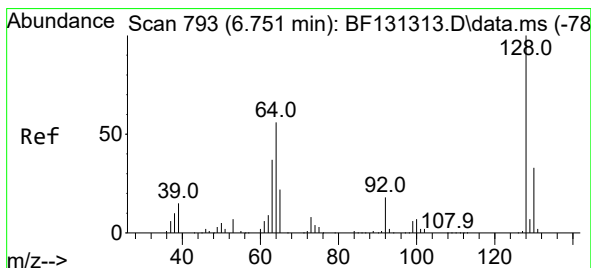
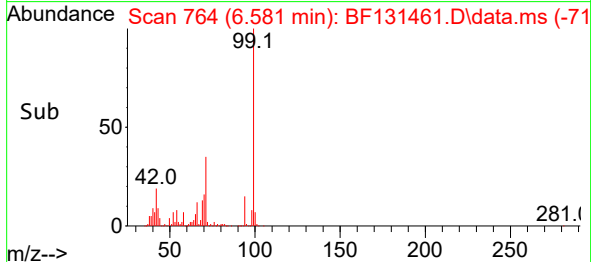
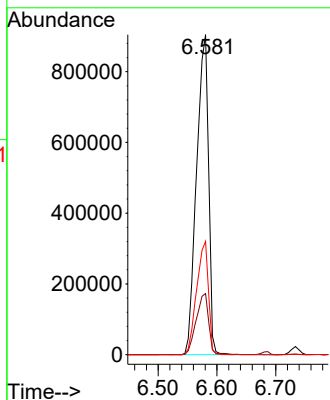
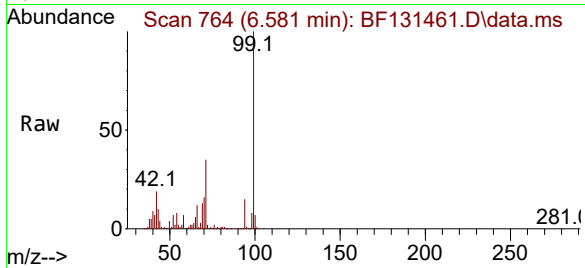




#7
Phenol-d6
Concen: 125.007 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

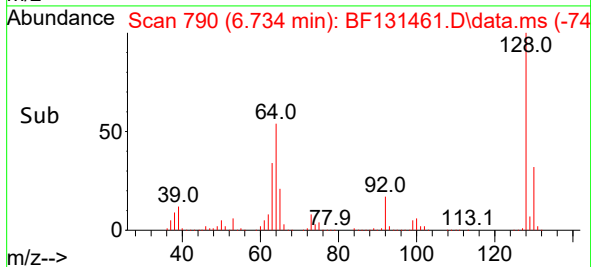
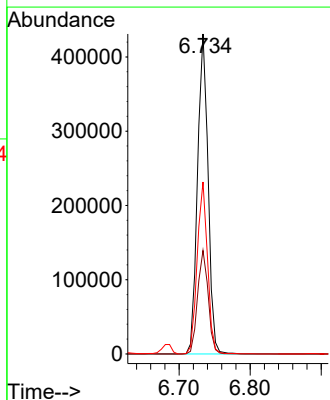
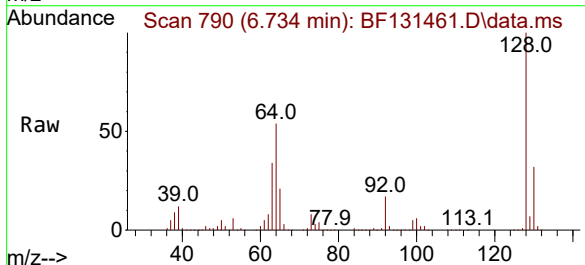
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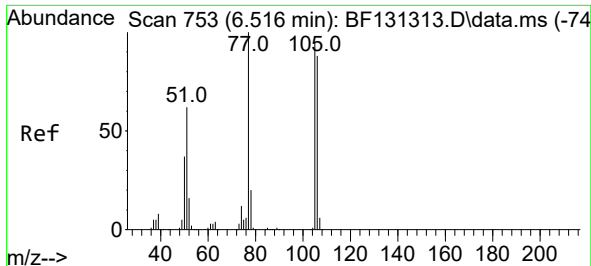
Tgt Ion: 99 Resp: 1281249
Ion Ratio Lower Upper
99 100
42 19.1 19.4 29.2#
71 35.4 32.3 48.5



#8
2-Chlorophenol
Concen: 49.013 ng
RT: 6.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion:128 Resp: 446068
Ion Ratio Lower Upper
128 100
130 32.4 12.5 52.5
64 53.8 36.9 76.9





#9

Benzaldehyde

Concen: 29.016 ng

RT: 6.498 min Scan# 750

Delta R.T. -0.006 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

Instrument :

BNA_F

ClientSampleId :

TP-MMSD

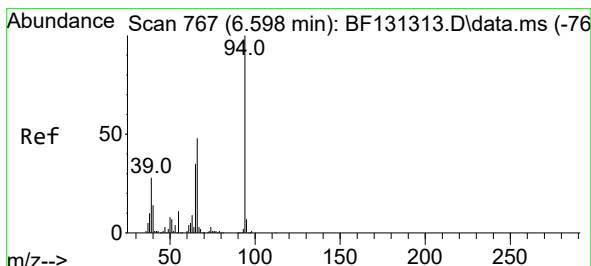
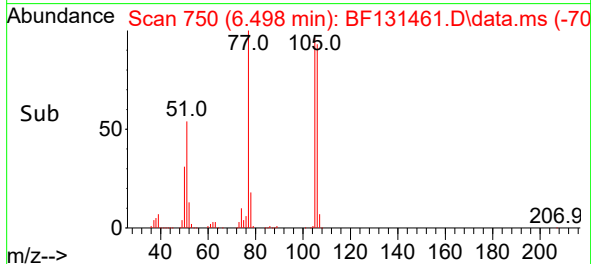
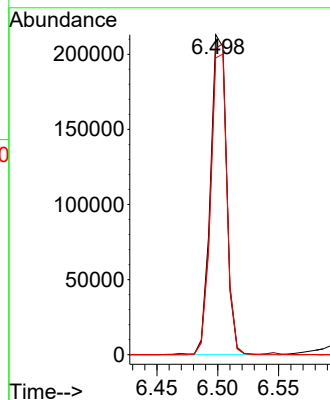
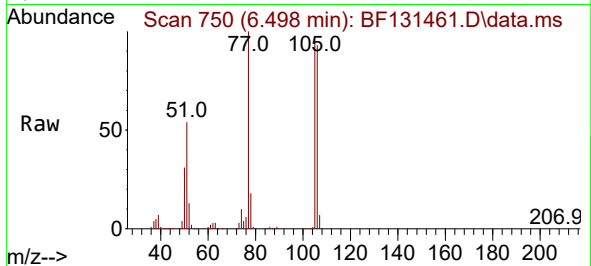
Tgt Ion: 77 Resp: 196093

Ion Ratio Lower Upper

77 100

105 95.7 74.5 114.5

106 92.8 68.1 108.1



#10

Phenol

Concen: 43.397 ng

RT: 6.592 min Scan# 766

Delta R.T. 0.006 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

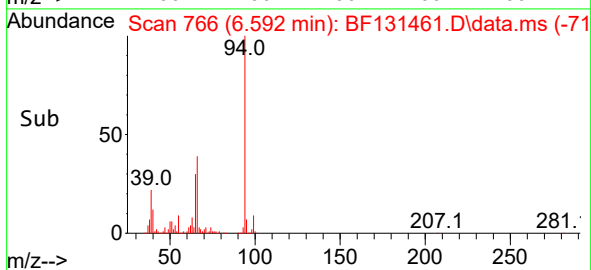
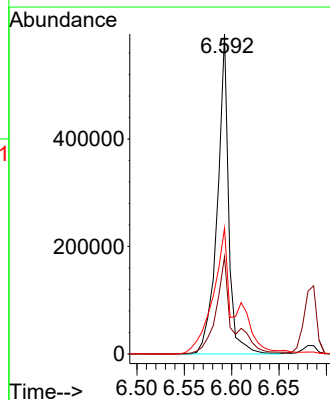
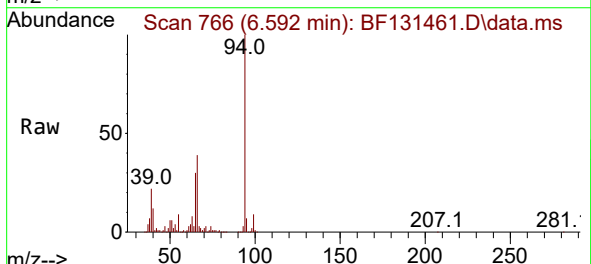
Tgt Ion: 94 Resp: 493161

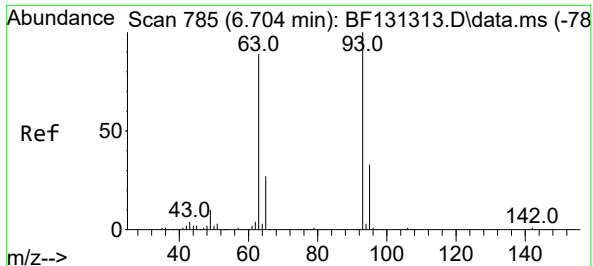
Ion Ratio Lower Upper

94 100

65 30.4 15.0 55.0

66 39.4 28.6 68.6





#11

bis(2-Chloroethyl)ether

Concen: 46.860 ng

RT: 6.686 min Scan# 785

Delta R.T. -0.000 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

Instrument :

BNA_F

ClientSampleId :

TP-MMSD

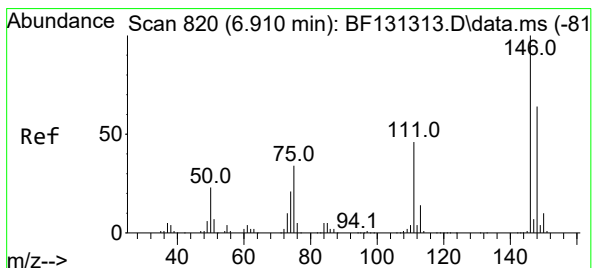
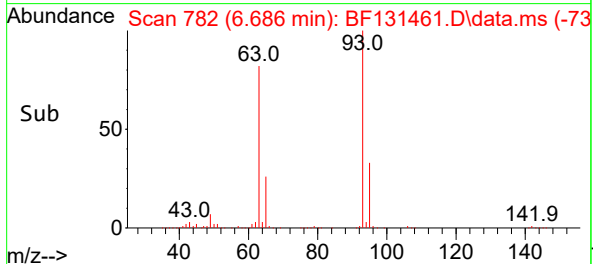
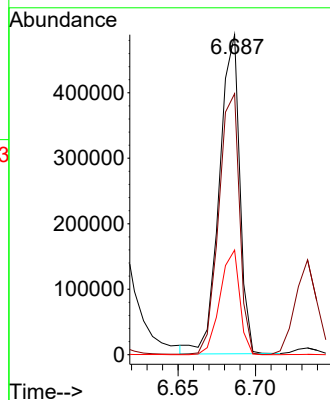
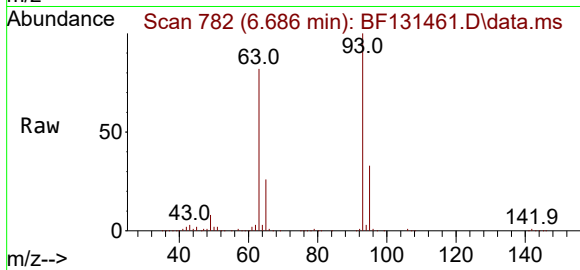
Tgt Ion: 93 Resp: 446155

Ion Ratio Lower Upper

93 100

63 81.6 68.6 108.6

95 32.7 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 40.051 ng

RT: 6.886 min Scan# 816

Delta R.T. -0.006 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

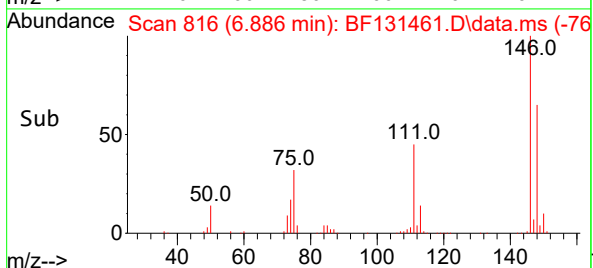
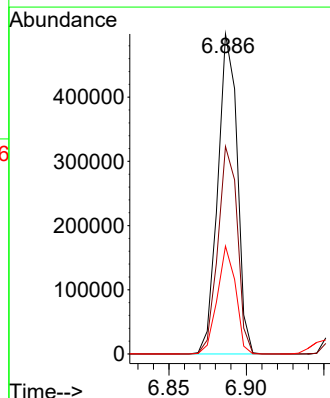
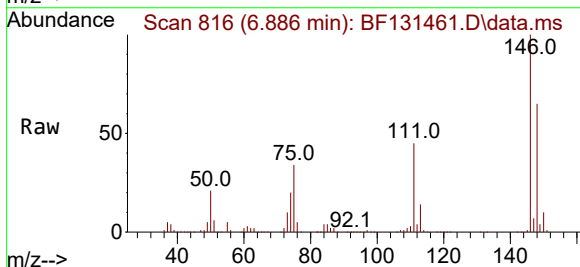
Tgt Ion:146 Resp: 434423

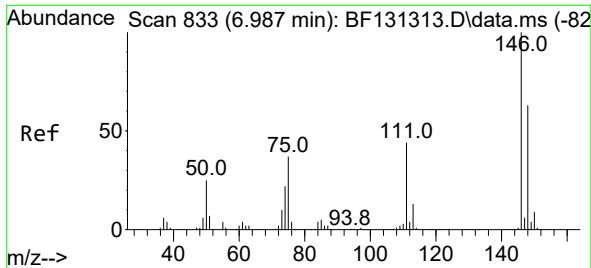
Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.2

75 33.7 27.6 41.4

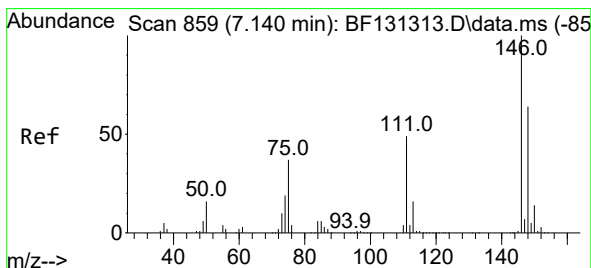
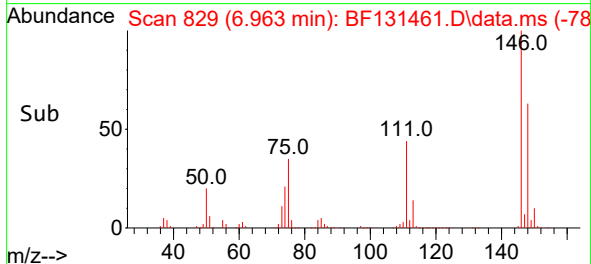
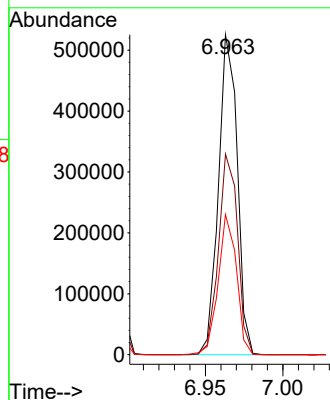
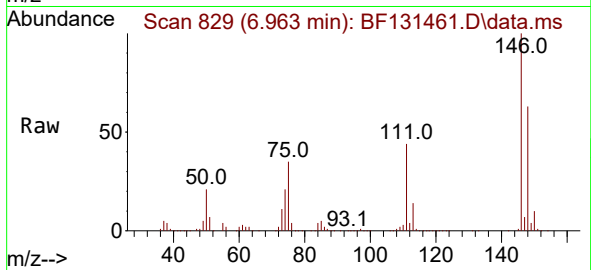




#13
1,4-Dichlorobenzene
Concen: 40.236 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

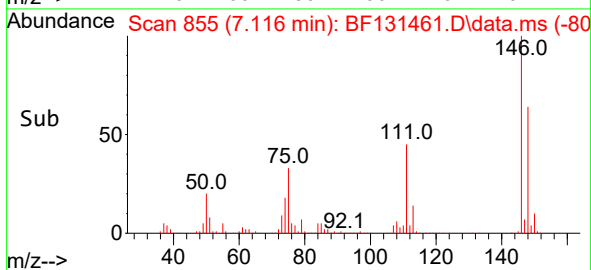
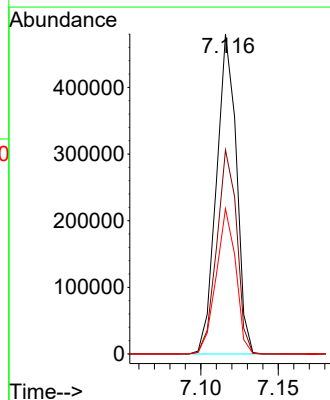
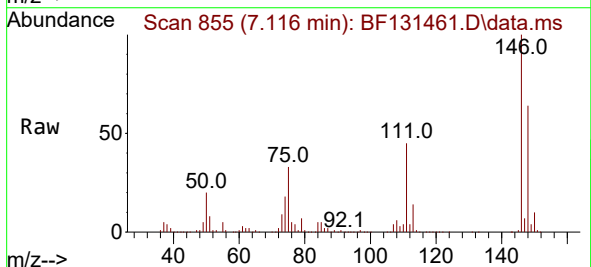
Instrument :
BNA_F
ClientSampleId :
TP-MMSD

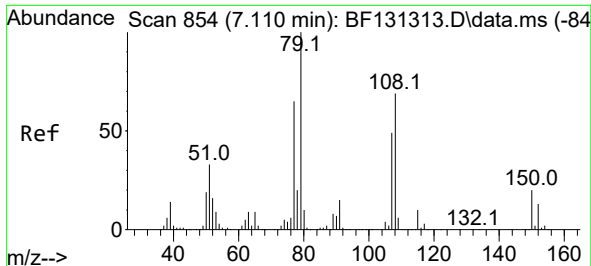
Tgt Ion:146 Resp: 443455
Ion Ratio Lower Upper
146 100
148 62.7 50.2 75.2
111 43.8 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 42.368 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.012 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion:146 Resp: 429957
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.0
111 45.4 39.4 59.0

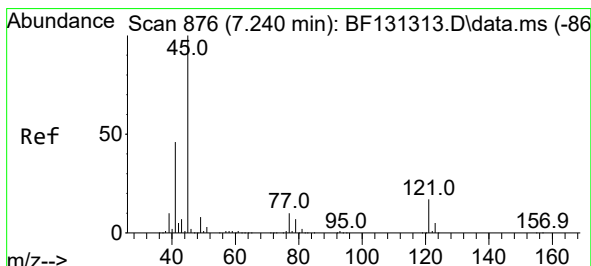
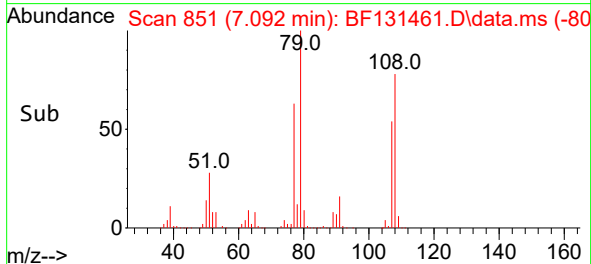
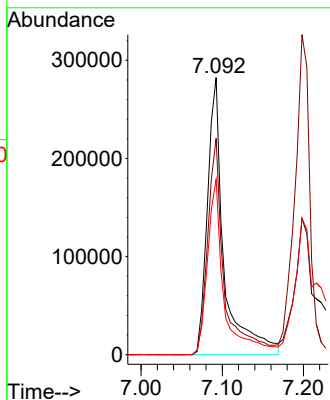
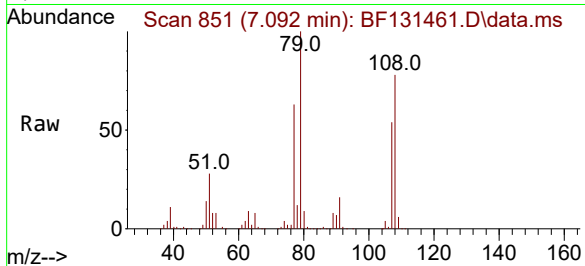




#15
Benzyl Alcohol
Concen: 48.093 ng
RT: 7.092 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

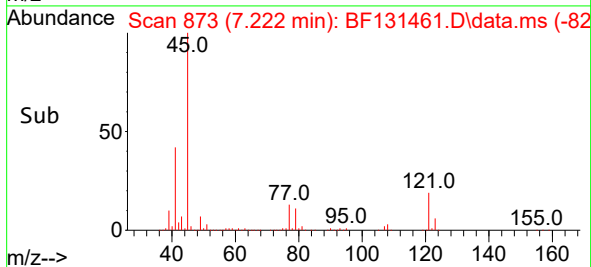
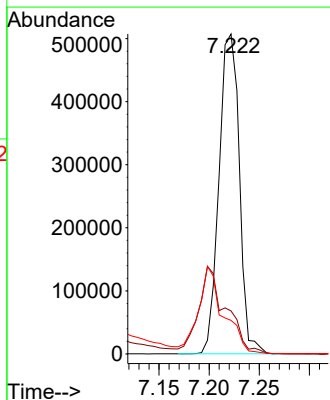
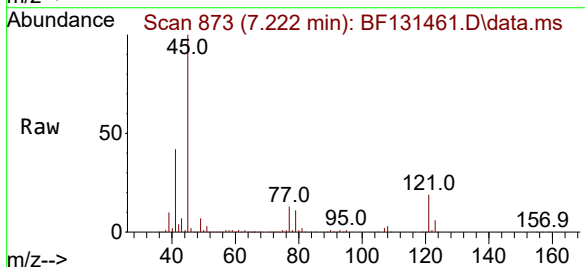
Instrument :
BNA_F
ClientSampleId :
TP-MMSD

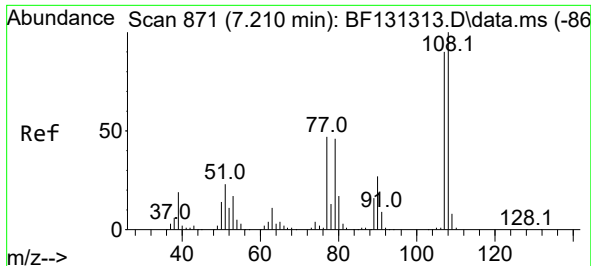
Tgt Ion: 79 Resp: 404173
Ion Ratio Lower Upper
79 100
108 78.1 55.1 82.7
77 63.2 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.180 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion: 45 Resp: 713402
Ion Ratio Lower Upper
45 100
77 13.4 0.0 31.2
79 10.5 0.0 28.4

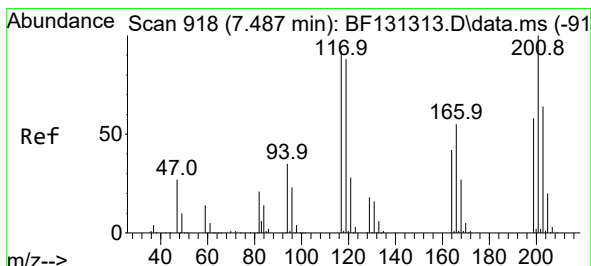
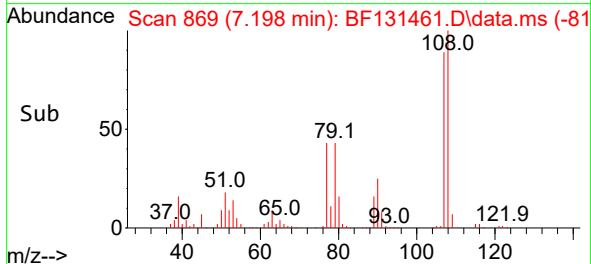
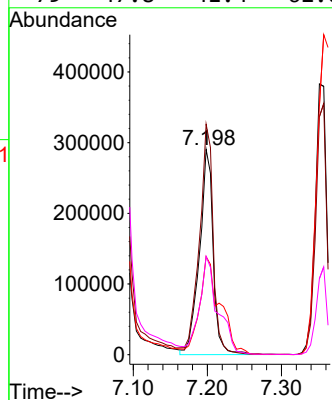
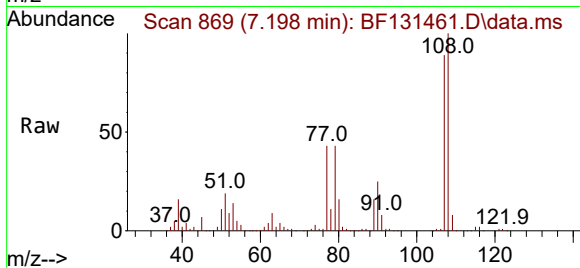




#17
2-Methylphenol
Concen: 48.497 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

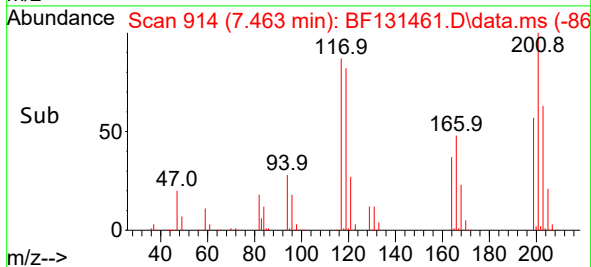
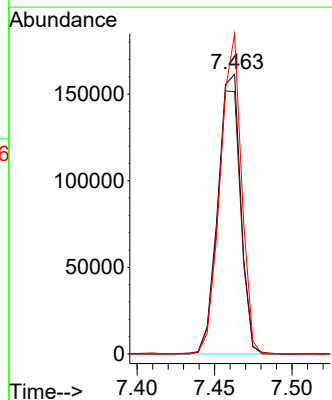
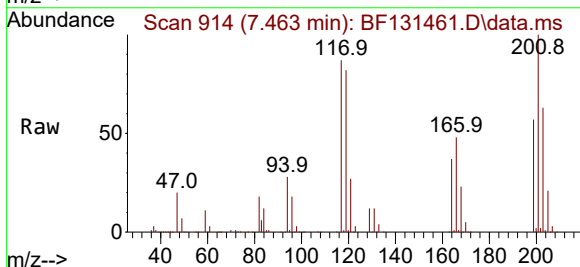
Instrument :
BNA_F
ClientSampleId :
TP-MMSD

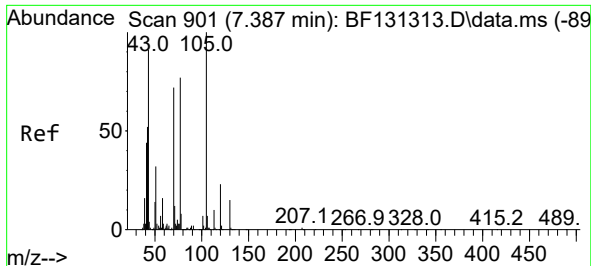
Tgt Ion:107 Resp: 376187
Ion Ratio Lower Upper
107 100
108 112.3 89.0 133.6
77 47.8 42.5 63.7
79 47.8 41.4 62.0



#18
Hexachloroethane
Concen: 41.896 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion:117 Resp: 165179
Ion Ratio Lower Upper
117 100
119 93.8 76.6 115.0
201 114.4 87.0 130.6

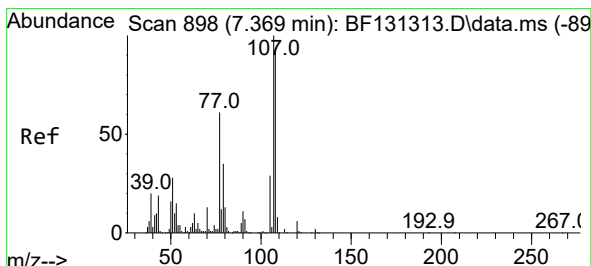
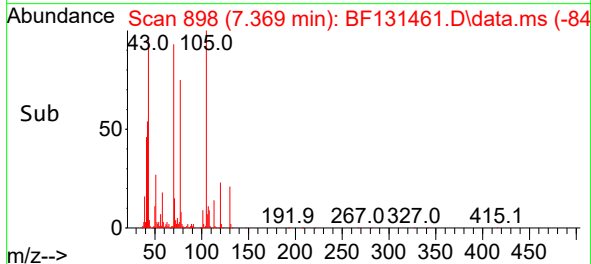
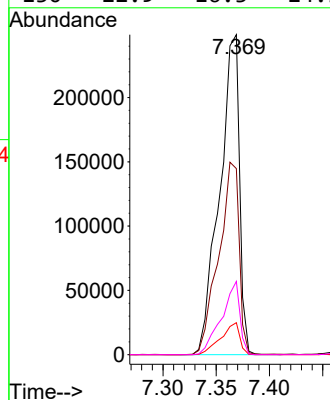
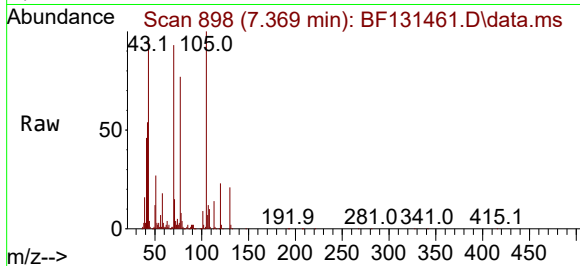




#19
n-Nitroso-di-n-propylamine
Concen: 42.956 ng
RT: 7.369 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

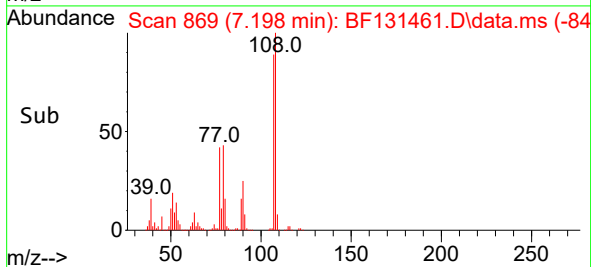
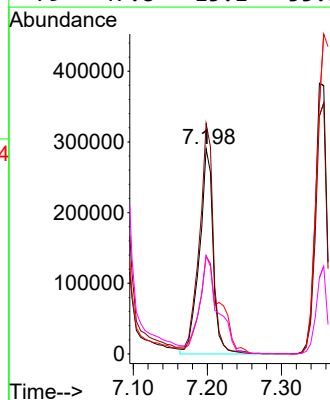
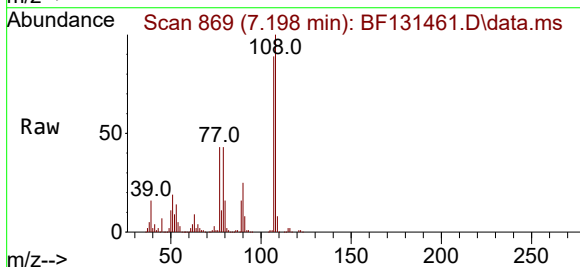
Instrument :
BNA_F
ClientSampleId :
TP-MMSD

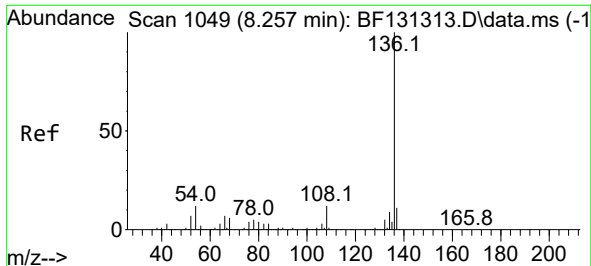
Tgt Ion: 70 Resp: 322304
Ion Ratio Lower Upper
70 100
42 58.1 57.6 86.4
101 10.0 8.2 12.2
130 22.9 16.3 24.5



#20
3+4-Methylphenols
Concen: 38.063 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.159 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion: 107 Resp: 376982
Ion Ratio Lower Upper
107 100
108 112.3 72.6 112.6
77 47.8 41.4 81.4
79 47.8 15.1 55.1

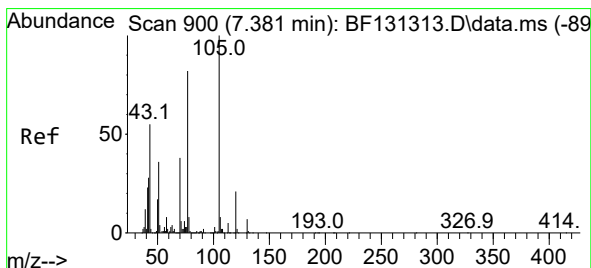
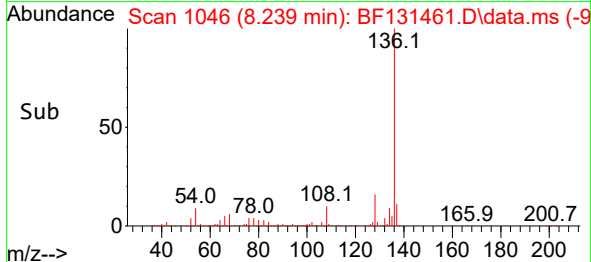
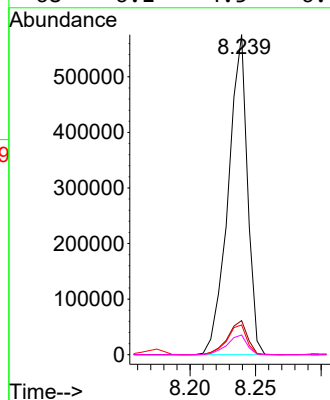
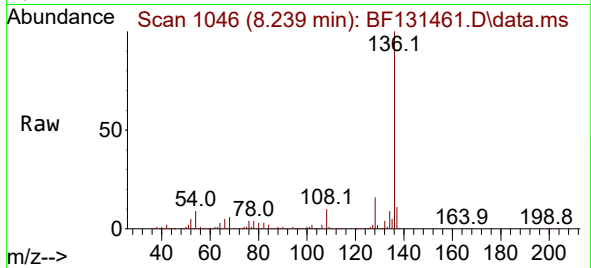




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

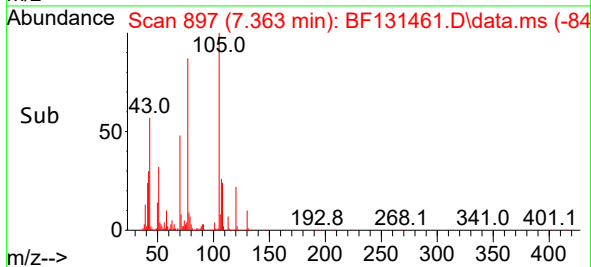
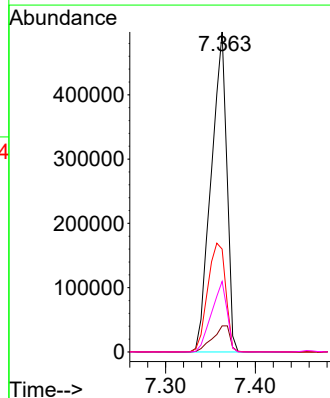
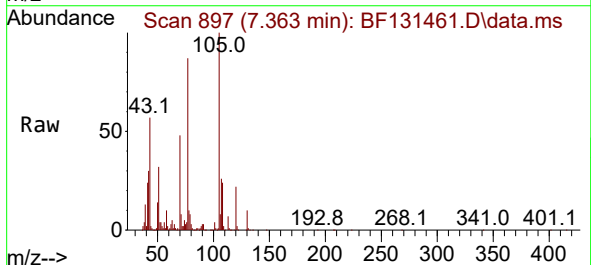
Instrument :
BNA_F
ClientSampleId :
TP-MMSD

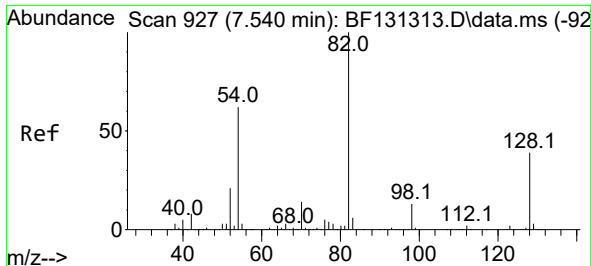
Tgt Ion:136 Resp: 587696
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 9.3 9.4 14.0#
68 6.1 4.5 6.7



#22
Acetophenone
Concen: 40.225 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion:105 Resp: 601733
Ion Ratio Lower Upper
105 100
71 8.2 4.9 7.3#
51 32.1 29.0 43.4
120 22.1 16.9 25.3

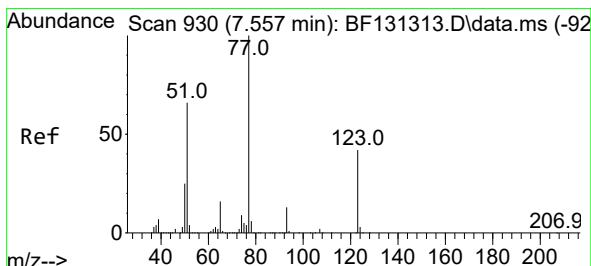
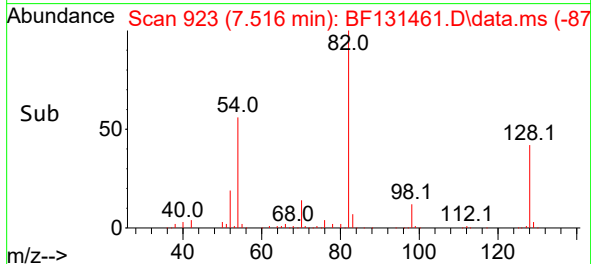
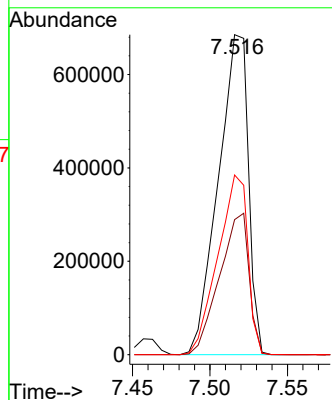
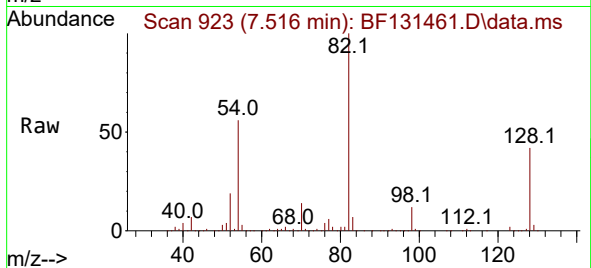




#23
Nitrobenzene-d5
Concen: 79.367 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

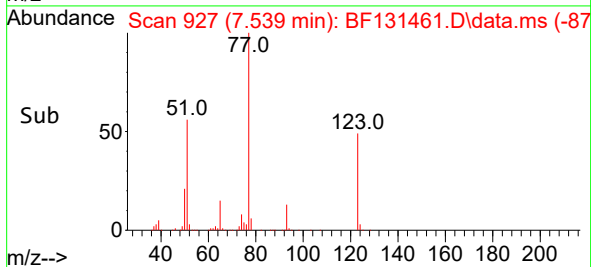
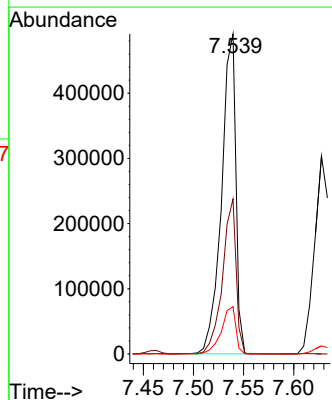
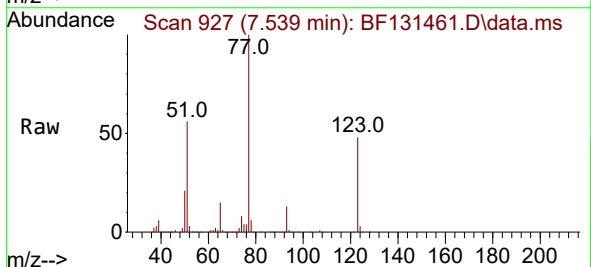
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TP-MMSD

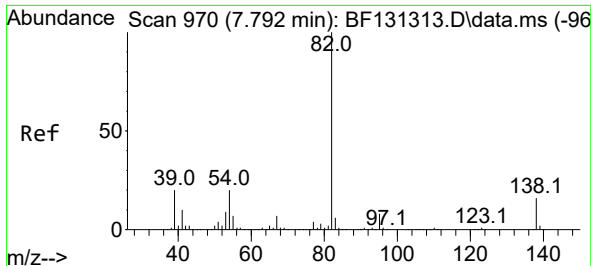
Tgt Ion: 82 Resp: 925316
Ion Ratio Lower Upper
82 100
128 42.2 31.4 47.0
54 56.1 49.8 74.6



#24
Nitrobenzene
Concen: 40.020 ng
RT: 7.539 min Scan# 927
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion: 77 Resp: 486129
Ion Ratio Lower Upper
77 100
123 48.4 33.3 49.9
65 14.8 12.7 19.1

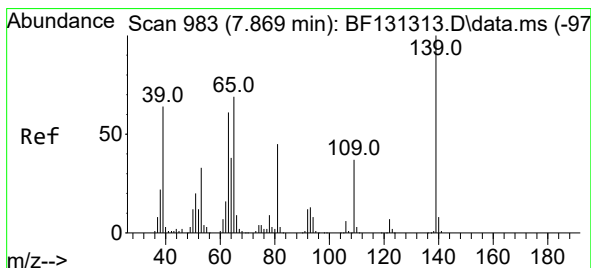
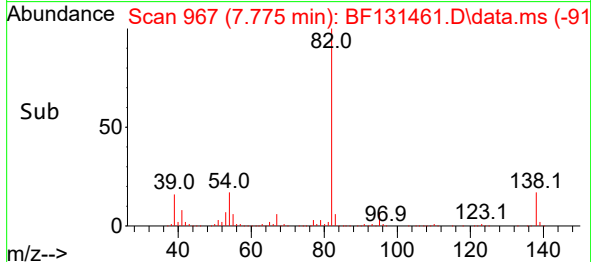
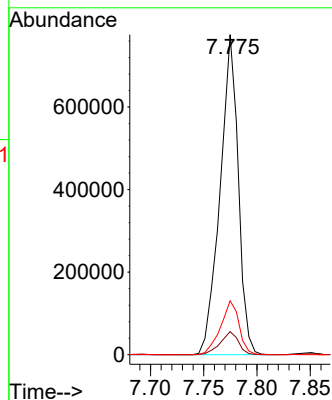
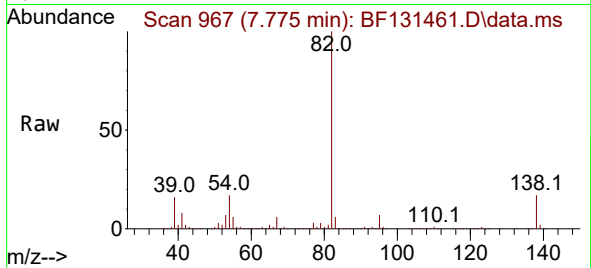




#25
Isophorone
Concen: 44.230 ng
RT: 7.775 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

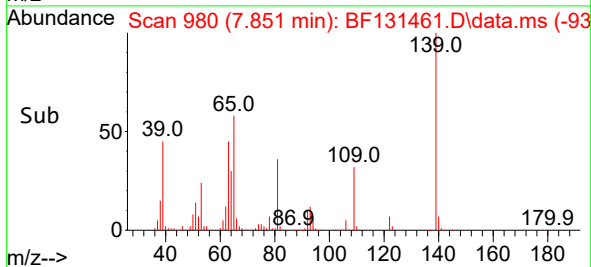
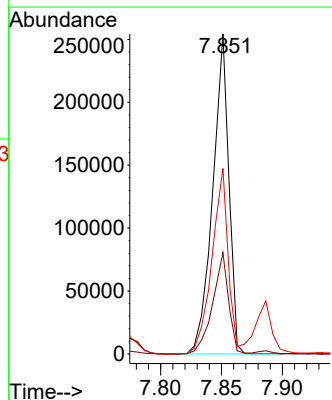
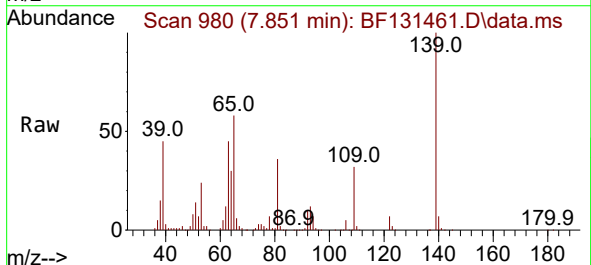
Instrument :
BNA_F
ClientSampleId :
TP-MMSD

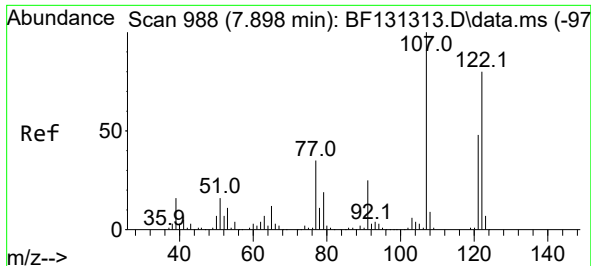
Tgt Ion: 82 Resp: 919987
Ion Ratio Lower Upper
82 100
95 7.2 6.2 9.2
138 16.8 12.7 19.1



#26
2-Nitrophenol
Concen: 57.451 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion:139 Resp: 233695
Ion Ratio Lower Upper
139 100
109 31.7 29.9 44.9
65 58.0 55.7 83.5





#27

2,4-Dimethylphenol

Concen: 51.499 ng

RT: 7.886 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

Instrument :

BNA_F

ClientSampleId :

TP-MMSD

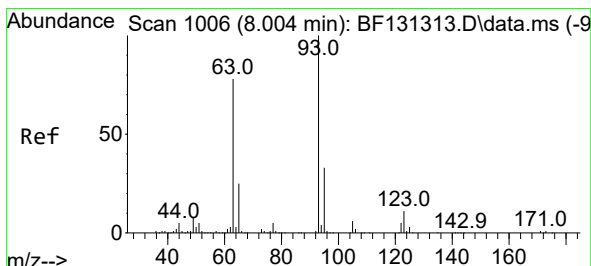
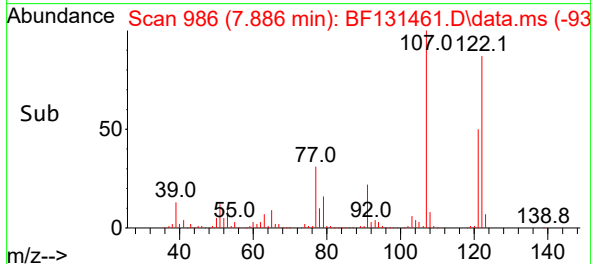
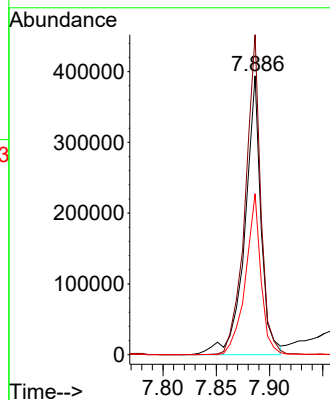
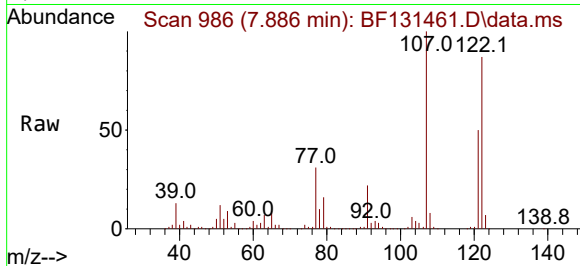
Tgt Ion:122 Resp: 415261

Ion Ratio Lower Upper

122 100

107 114.7 99.9 149.9

121 57.7 47.4 71.2



#28

bis(2-Chloroethoxy)methane

Concen: 46.837 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

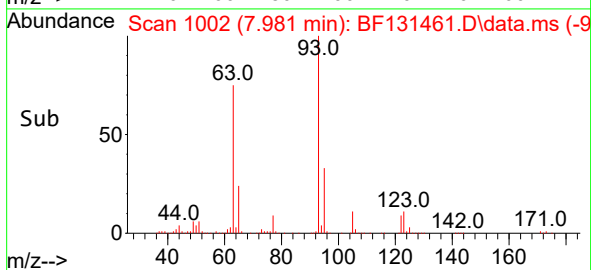
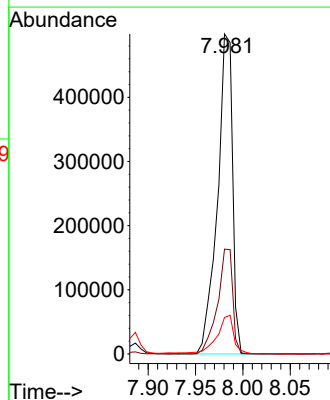
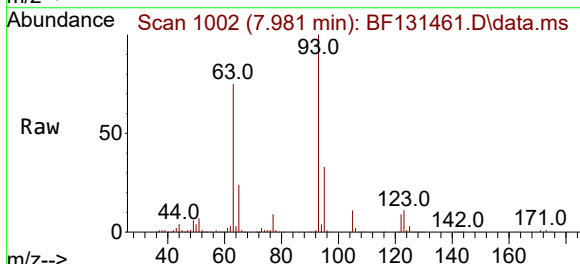
Tgt Ion: 93 Resp: 553328

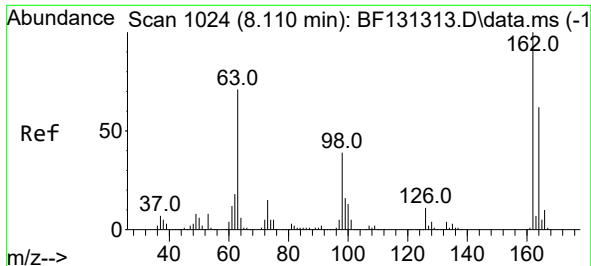
Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

123 11.4 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 44.574 ng

RT: 8.092 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

Instrument :

BNA_F

ClientSampleId :

TP-MMSD

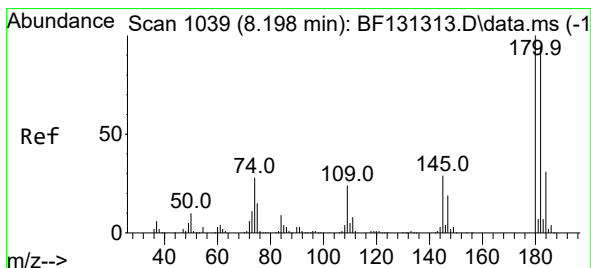
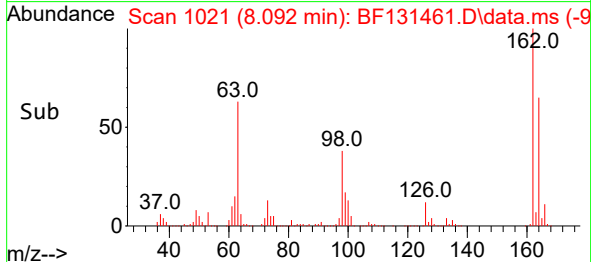
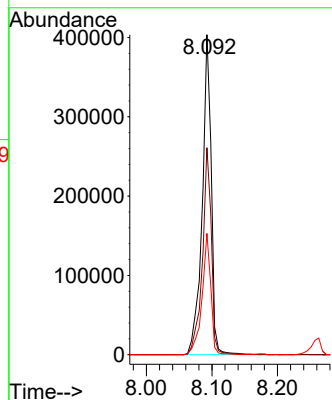
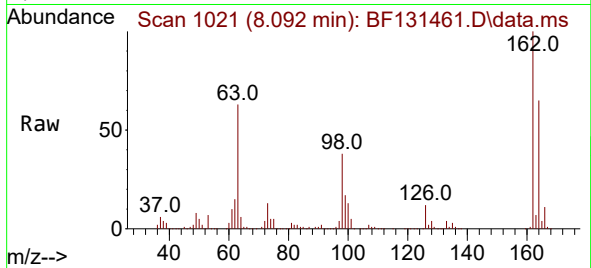
Tgt Ion:162 Resp: 389871

Ion Ratio Lower Upper

162 100

164 64.7 42.2 82.2

98 37.9 18.8 58.8



#30

1,2,4-Trichlorobenzene

Concen: 38.721 ng

RT: 8.175 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

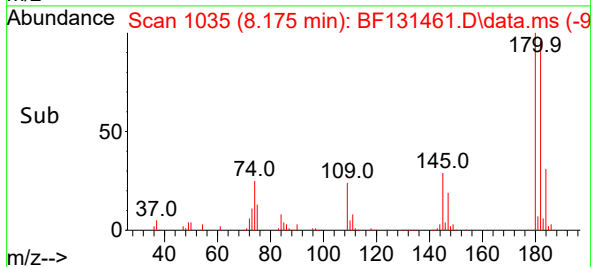
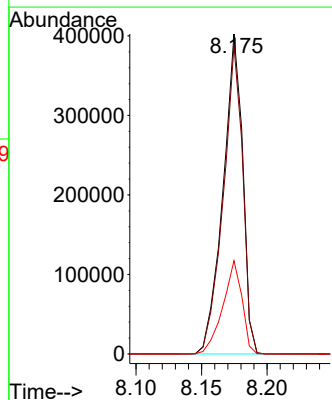
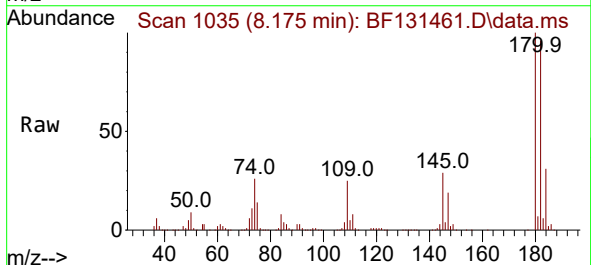
Tgt Ion:180 Resp: 419550

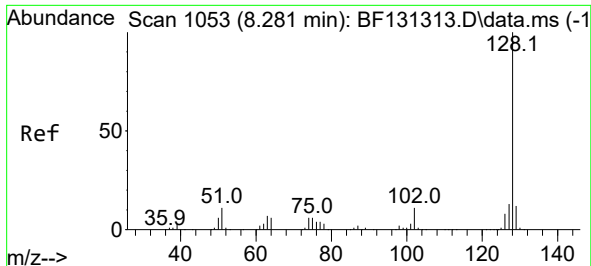
Ion Ratio Lower Upper

180 100

182 96.4 75.3 112.9

145 29.2 23.4 35.0





#31

Naphthalene

Concen: 44.220 ng

RT: 8.263 min Scan# 1050

Delta R.T. -0.006 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

Instrument :

BNA_F

ClientSampleId :

TP-MMSD

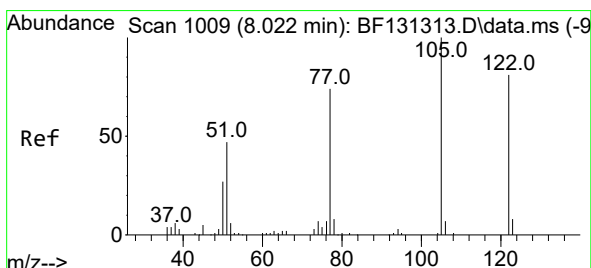
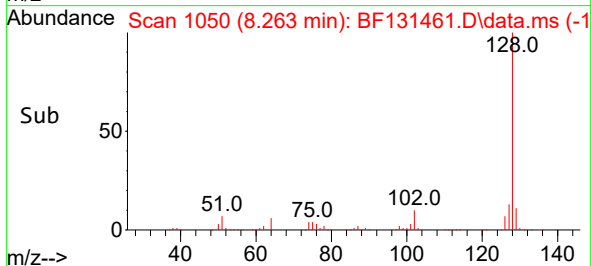
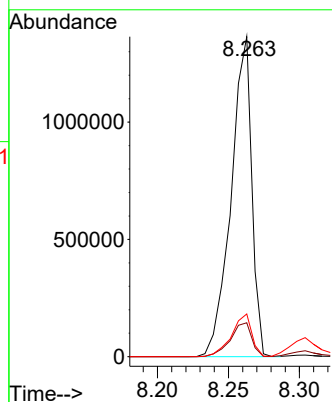
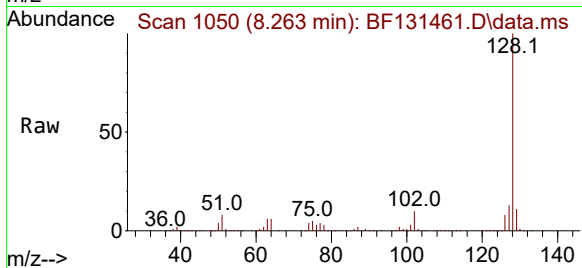
Tgt Ion:128 Resp: 1384881

Ion Ratio Lower Upper

128 100

129 10.6 9.2 13.8

127 13.4 10.6 16.0



#32

Benzoic acid

Concen: 39.982 ng

RT: 7.998 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

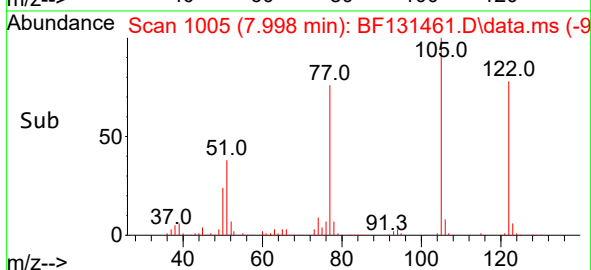
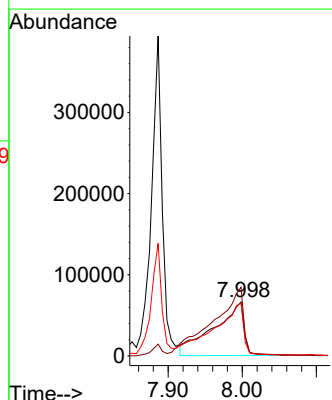
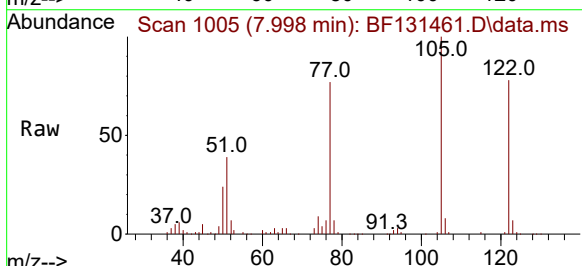
Tgt Ion:122 Resp: 187268

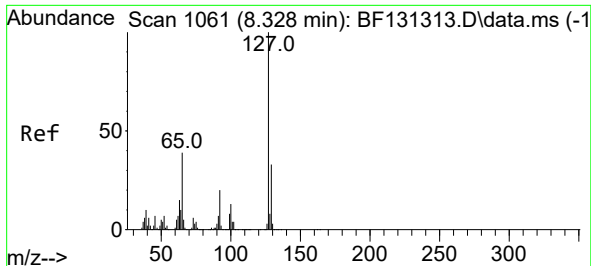
Ion Ratio Lower Upper

122 100

105 127.7 103.8 143.8

77 98.3 74.3 114.3

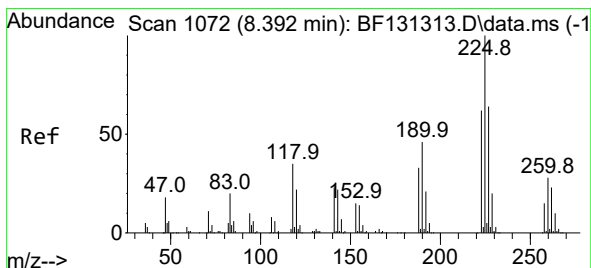
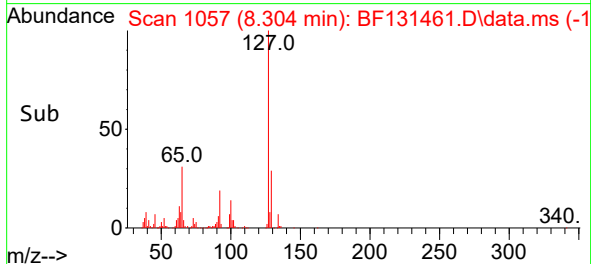
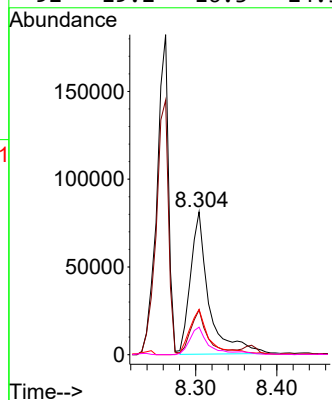
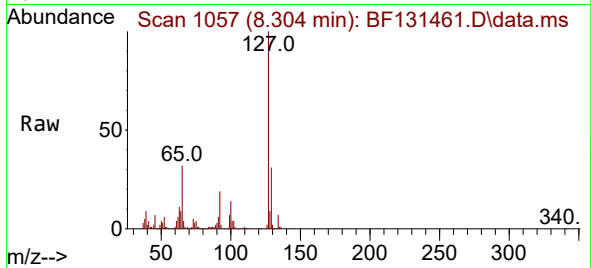




#33
4-Chloroaniline
Concen: 10.385 ng
RT: 8.304 min Scan# 1057
Delta R.T. -0.012 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

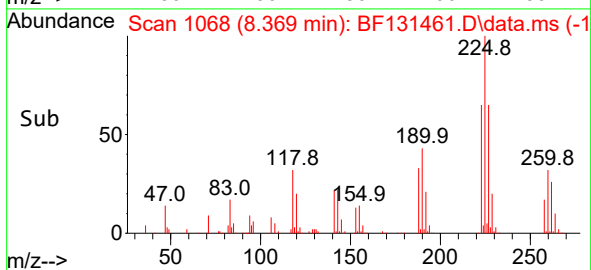
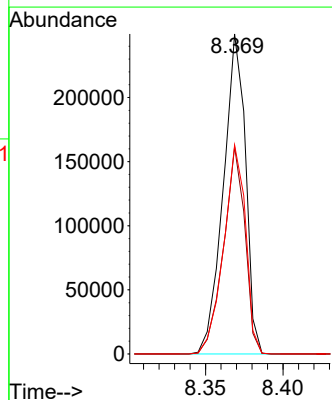
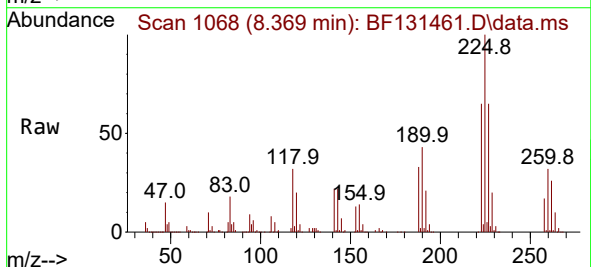
Instrument :
BNA_F
ClientSampleId :
TP-MMSD

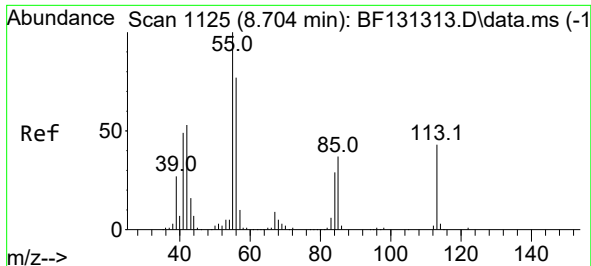
Tgt Ion:	127	Resp:	128312
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.4	39.6
65	31.8	31.0	46.6
92	19.2	16.3	24.5



#34
Hexachlorobutadiene
Concen: 35.381 ng
RT: 8.369 min Scan# 1068
Delta R.T. -0.012 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion:	225	Resp:	248242
Ion	Ratio	Lower	Upper
225	100		
223	64.8	49.4	74.0
227	65.3	51.1	76.7

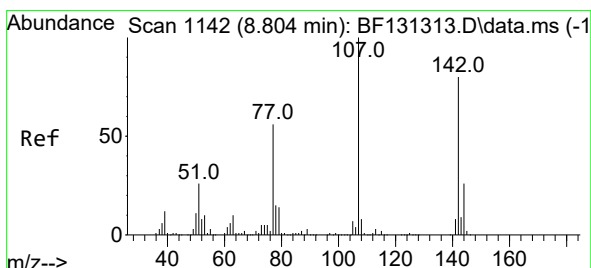
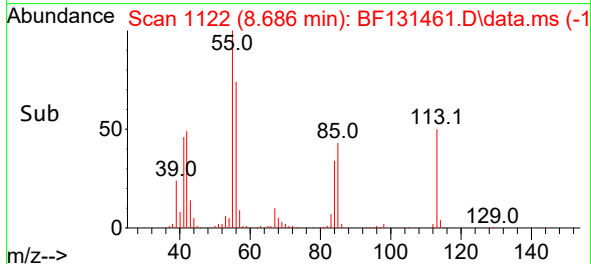
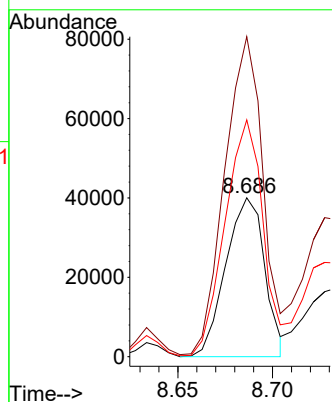
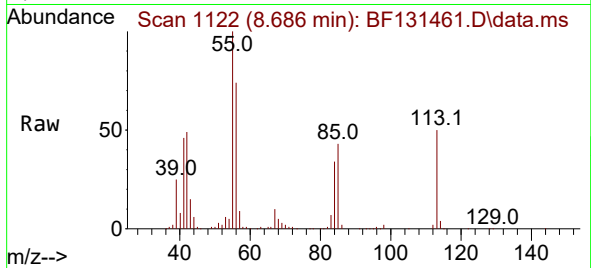




#35
 Caprolactam
 Concen: 24.872 ng
 RT: 8.686 min Scan# 1125
 Delta R.T. -0.012 min
 Lab File: BF131461.D
 Acq: 29 Nov 2022 17:37

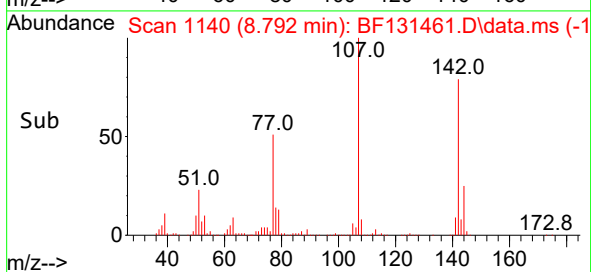
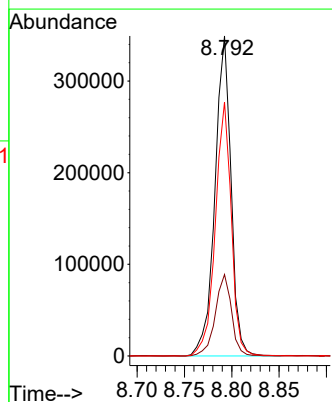
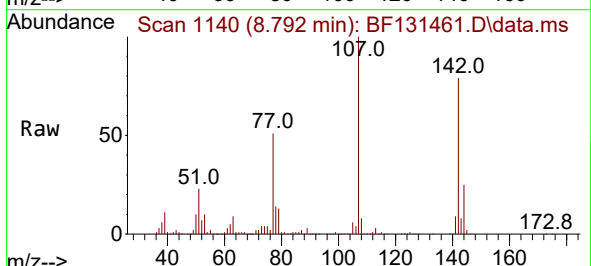
Instrument :
 BNA_F
 ClientSampleId :
 TP-MMSD

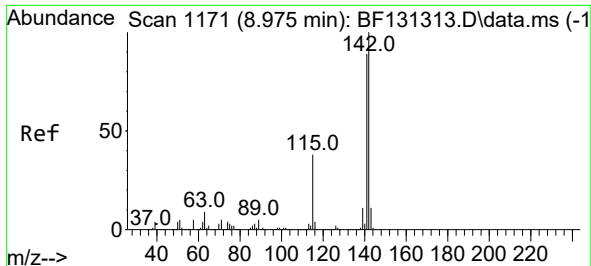
Tgt Ion:113 Resp: 57167
 Ion Ratio Lower Upper
 113 100
 55 201.5 214.5 254.5#
 56 149.1 159.4 199.4#



#36
 4-Chloro-3-methylphenol
 Concen: 45.581 ng
 RT: 8.792 min Scan# 1140
 Delta R.T. -0.000 min
 Lab File: BF131461.D
 Acq: 29 Nov 2022 17:37

Tgt Ion:107 Resp: 414195
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.9 31.3
 142 79.4 63.9 95.9

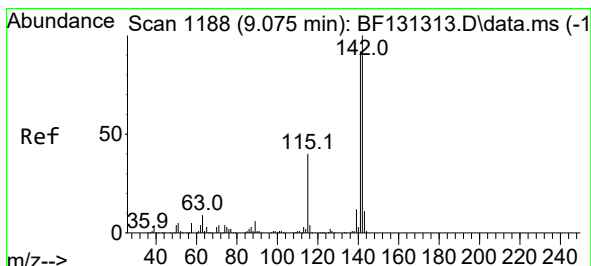
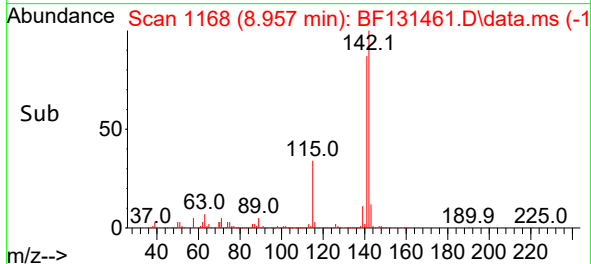
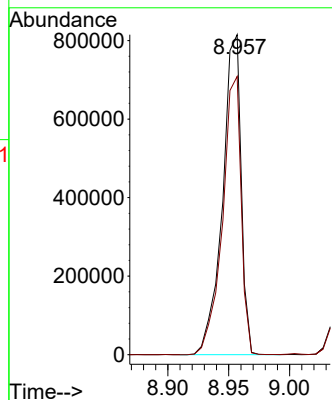
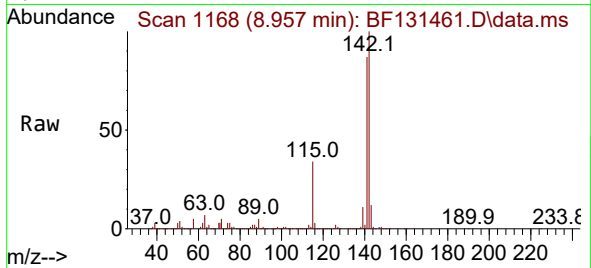




#37
2-Methylnaphthalene
Concen: 40.927 ng
RT: 8.957 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

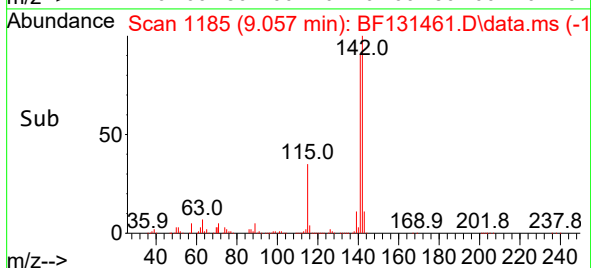
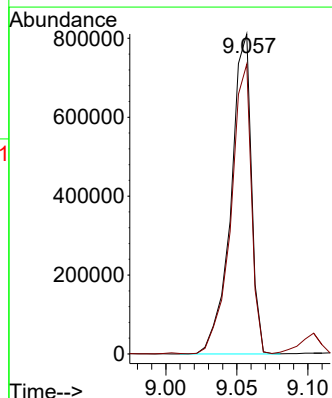
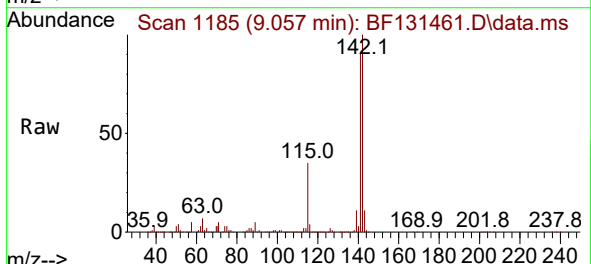
Instrument :
BNA_F
ClientSampleId :
TP-MMSD

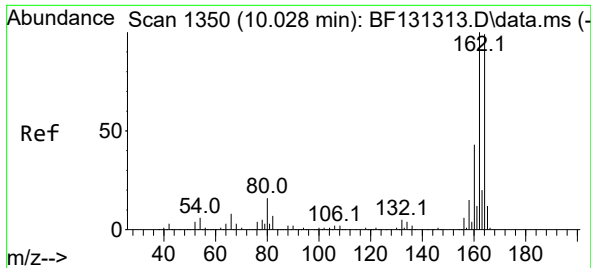
Tgt Ion:142 Resp: 868468
Ion Ratio Lower Upper
142 100
141 87.0 71.0 106.4



#38
1-Methylnaphthalene
Concen: 39.491 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion:142 Resp: 812604
Ion Ratio Lower Upper
142 100
141 90.5 73.4 110.0

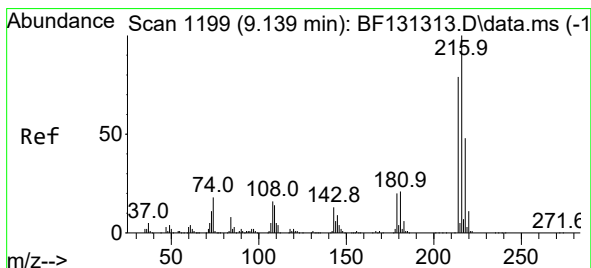
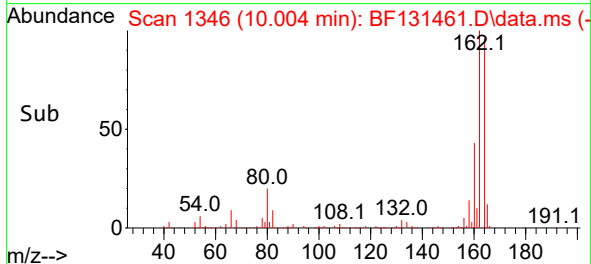
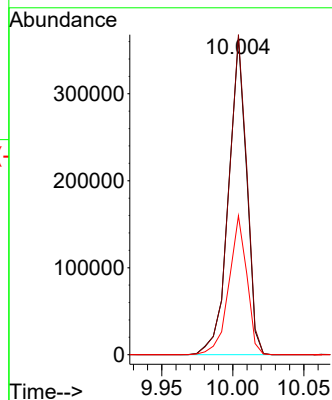
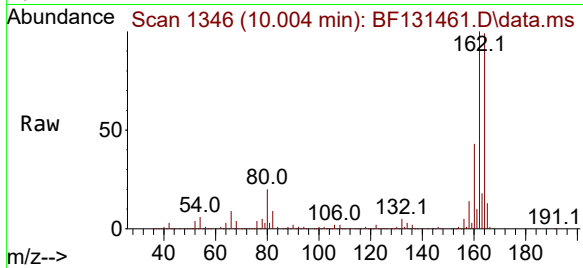




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

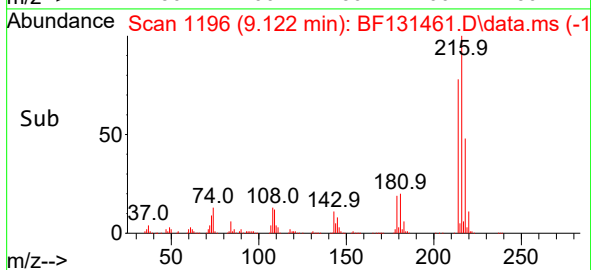
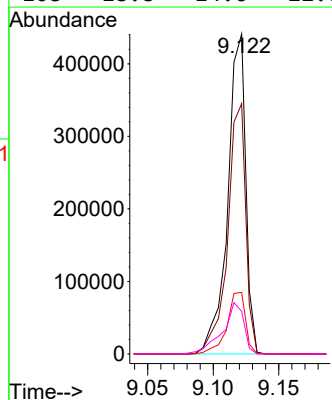
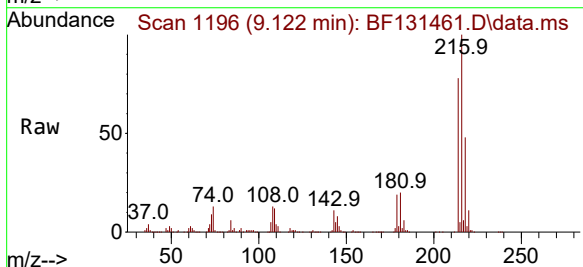
Instrument :
BNA_F
ClientSampleId :
TP-MMSD

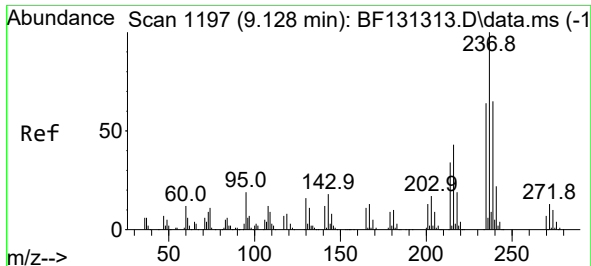
Tgt Ion:164 Resp: 322954
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 43.8 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.285 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion:216 Resp: 422194
Ion Ratio Lower Upper
216 100
214 78.5 63.1 94.7
179 19.8 16.2 24.4
108 18.8 14.6 22.0

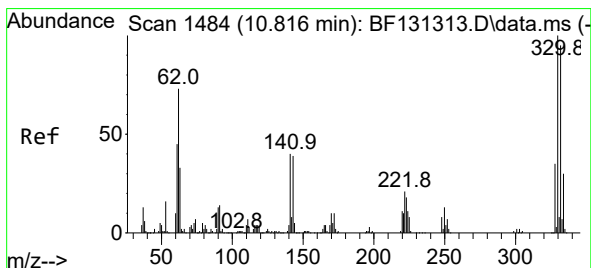
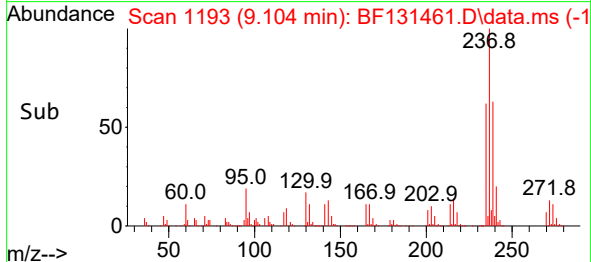
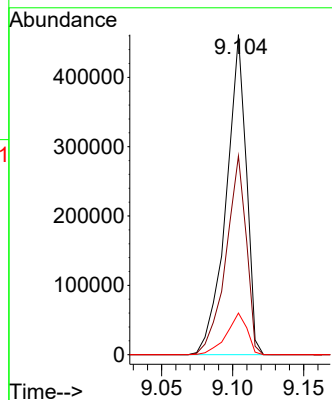
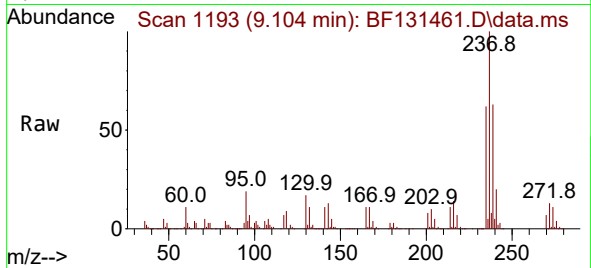




#41
Hexachlorocyclopentadiene
Concen: 96.407 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

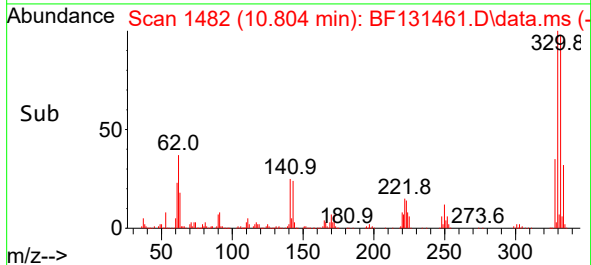
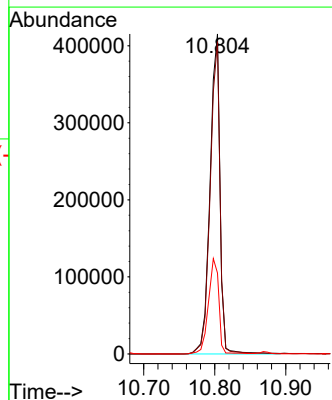
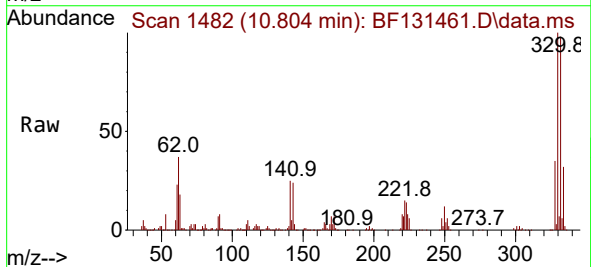
Instrument :
BNA_F
ClientSampleId :
TP-MMSD

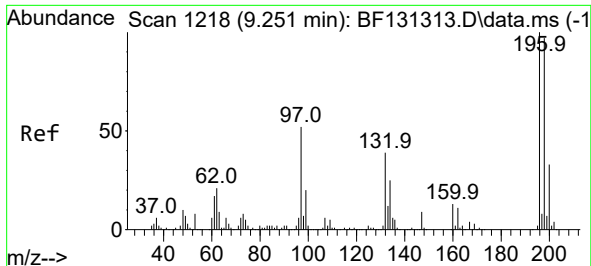
Tgt Ion:237 Resp: 454208
Ion Ratio Lower Upper
237 100
235 62.1 44.2 84.2
272 13.0 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 149.574 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion:330 Resp: 406398
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 31.1 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 49.637 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.000 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

Instrument :

BNA_F

ClientSampleId :

TP-MMSD

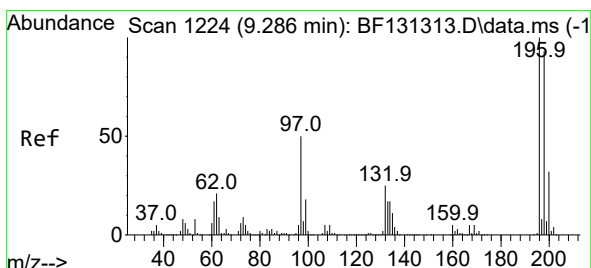
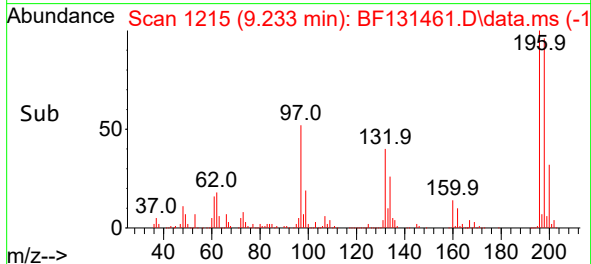
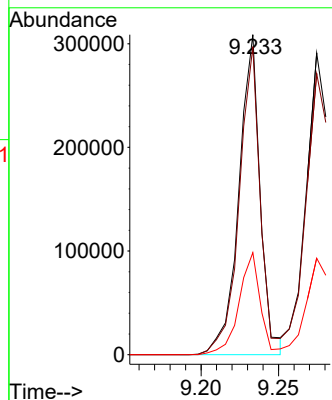
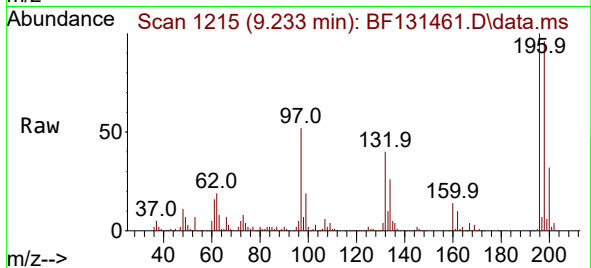
Tgt Ion:196 Resp: 295106

Ion Ratio Lower Upper

196 100

198 96.2 77.4 116.0

200 31.9 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 45.578 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

Tgt Ion:196 Resp: 304711

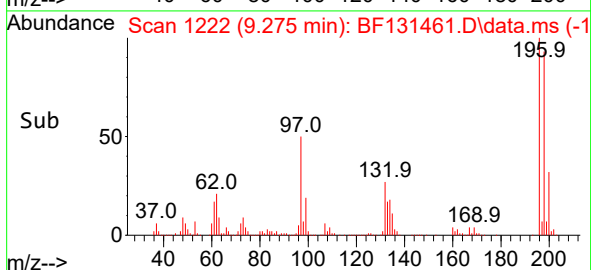
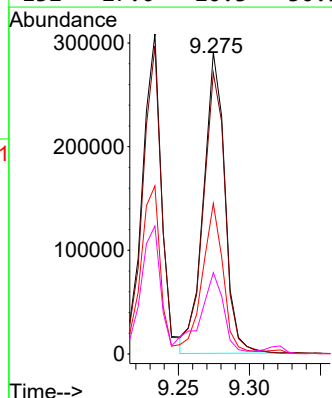
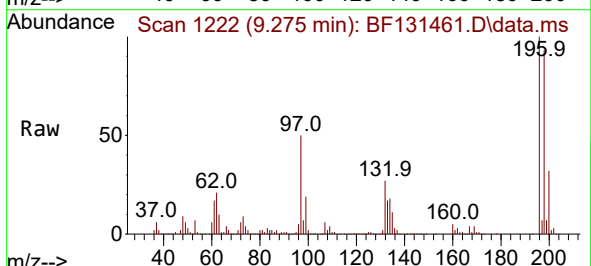
Ion Ratio Lower Upper

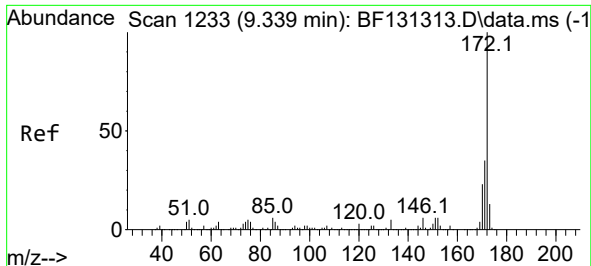
196 100

198 93.2 75.0 112.4

97 49.9 40.3 60.5

132 27.0 20.3 30.5

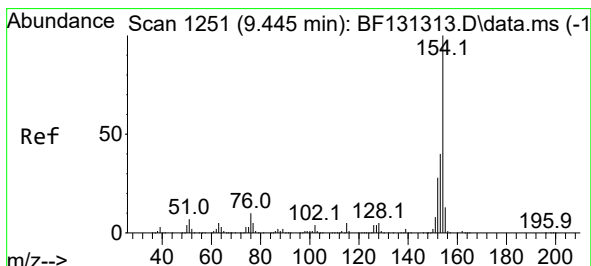
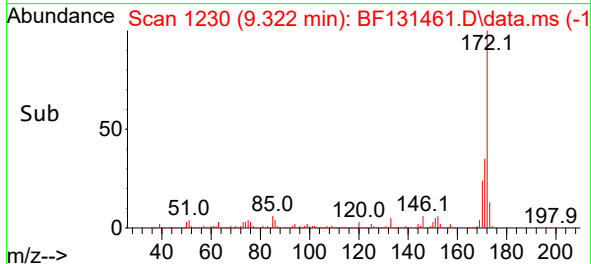
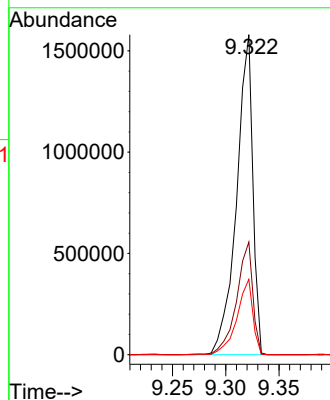
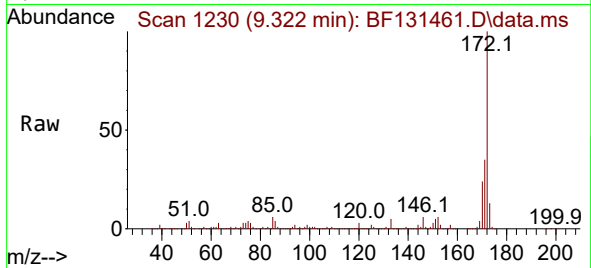




#45
2-Fluorobiphenyl
Concen: 75.510 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

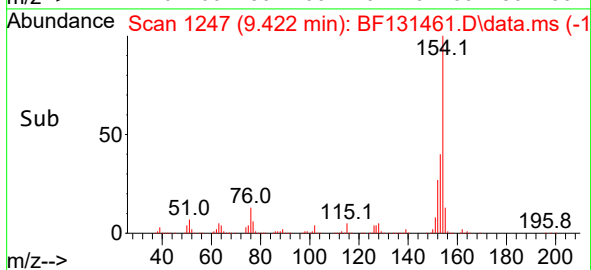
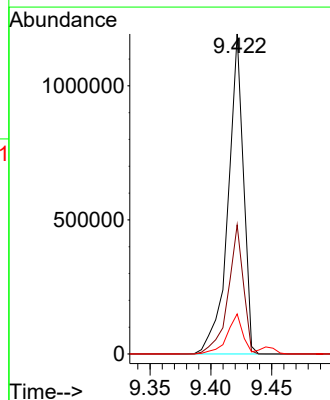
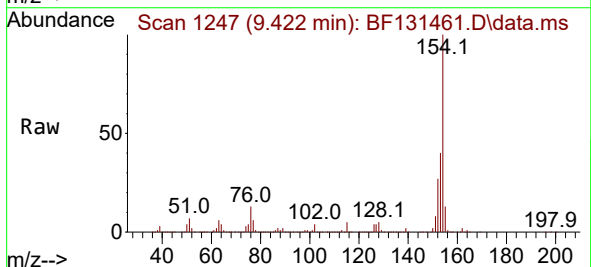
Instrument :
BNA_F
ClientSampleId :
TP-MMSD

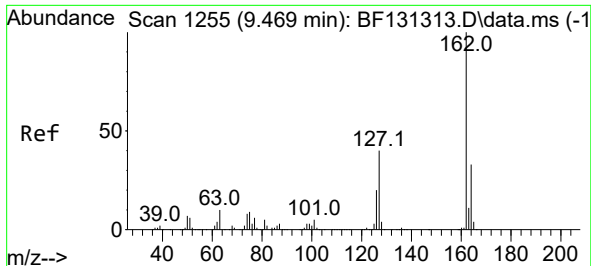
Tgt Ion:172 Resp: 1676231
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.5 18.7 28.1



#46
1,1'-Biphenyl
Concen: 42.580 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion:154 Resp: 1049402
Ion Ratio Lower Upper
154 100
153 40.4 19.8 59.8
76 12.5 0.0 30.2

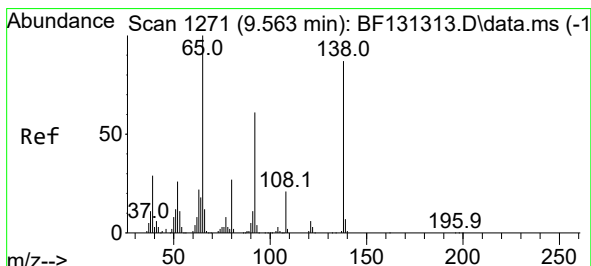
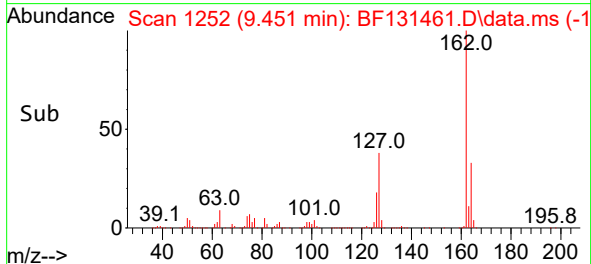
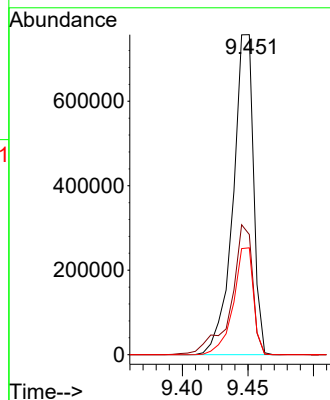
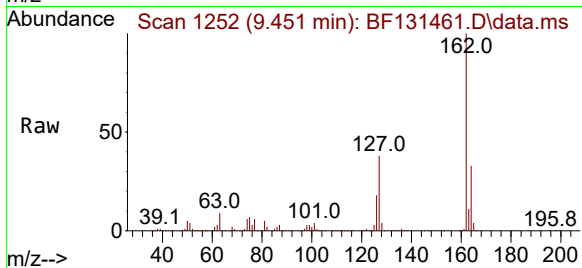




#47
2-Chloronaphthalene
Concen: 41.673 ng
RT: 9.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

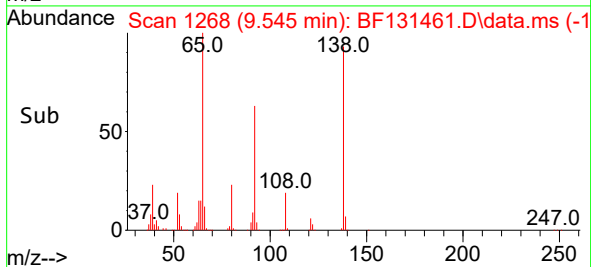
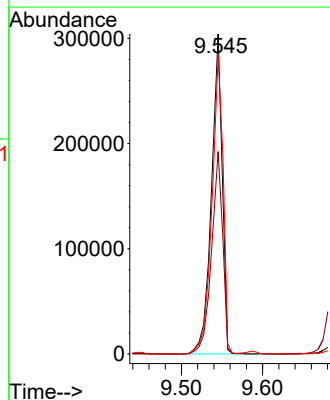
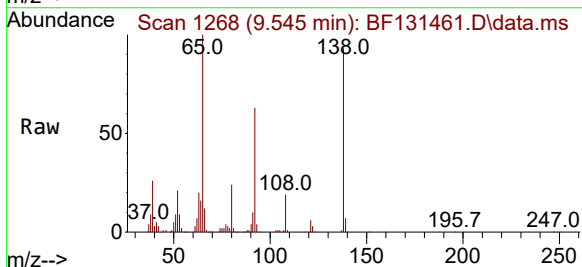
Instrument :
BNA_F
ClientSampleId :
TP-MMSD

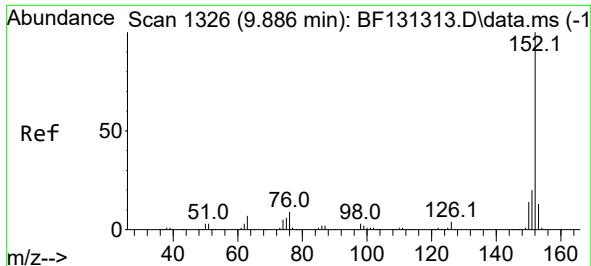
Tgt Ion:162 Resp: 823883
Ion Ratio Lower Upper
162 100
127 37.6 32.1 48.1
164 33.4 26.6 39.8



#48
2-Nitroaniline
Concen: 46.698 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion: 65 Resp: 280320
Ion Ratio Lower Upper
65 100
92 63.3 49.0 73.4
138 93.0 69.4 104.2





#49

Acenaphthylene

Concen: 41.973 ng

RT: 9.869 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

Instrument :

BNA_F

ClientSampleId :

TP-MMSD

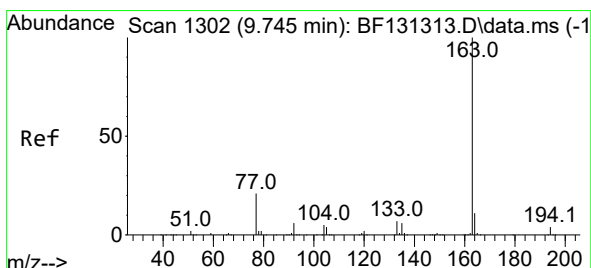
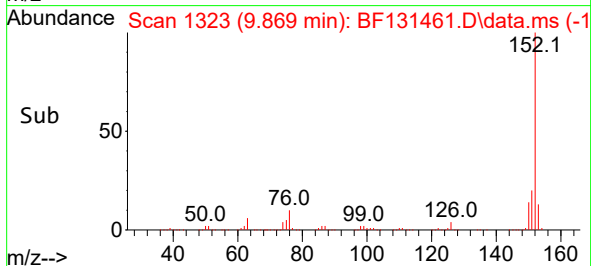
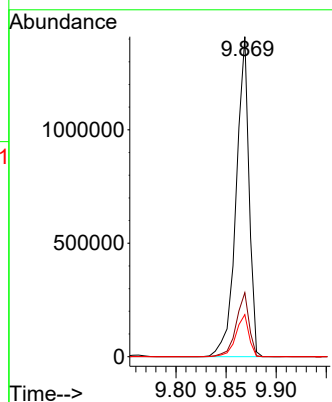
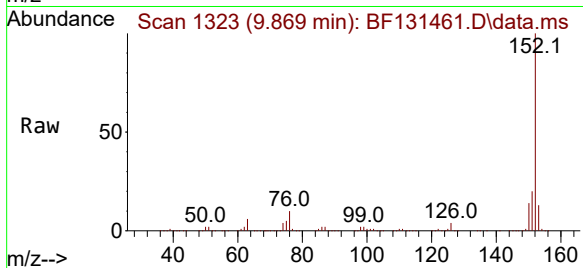
Tgt Ion:152 Resp: 1264975

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 42.703 ng

RT: 9.727 min Scan# 1299

Delta R.T. -0.006 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

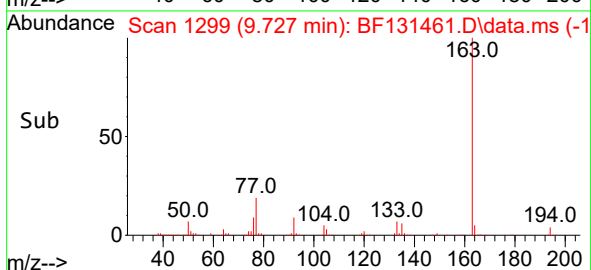
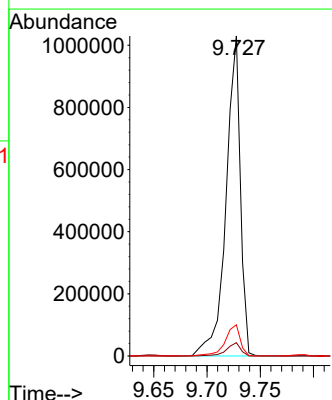
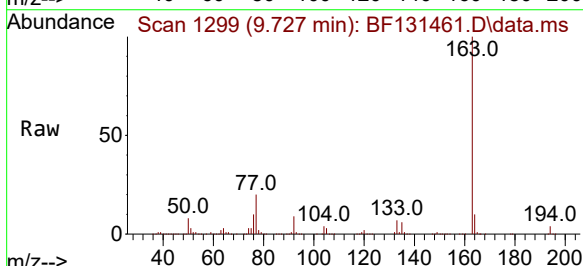
Tgt Ion:163 Resp: 960878

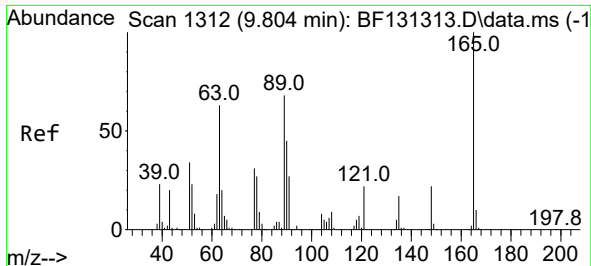
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 9.8 8.5 12.7

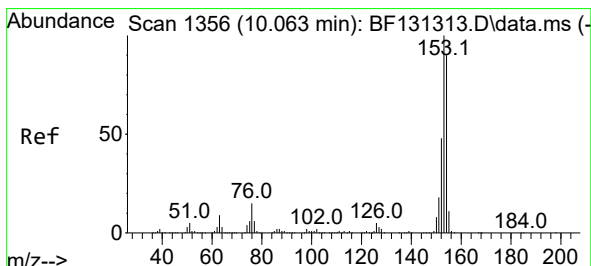
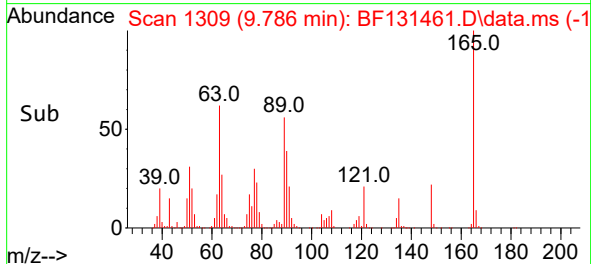
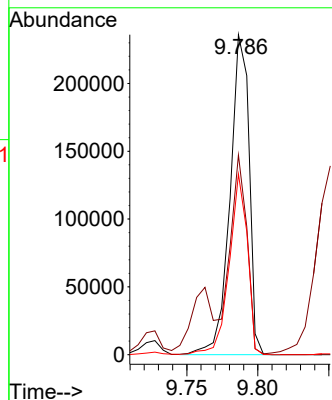
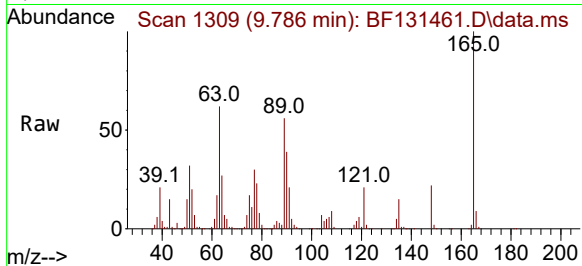




#51
2,6-Dinitrotoluene
Concen: 49.116 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

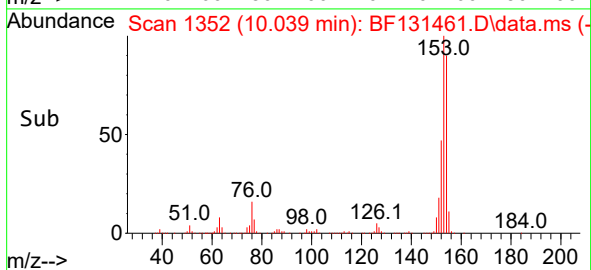
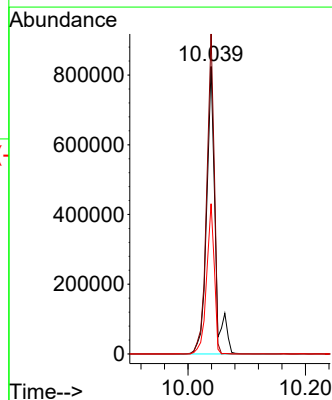
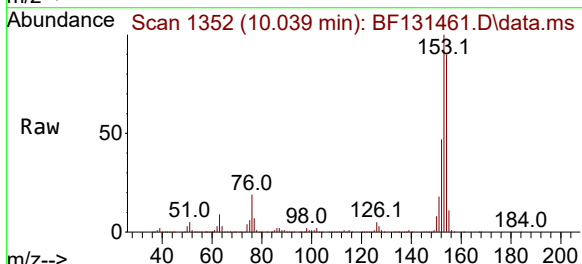
Instrument :
BNA_F
ClientSampleId :
TP-MMSD

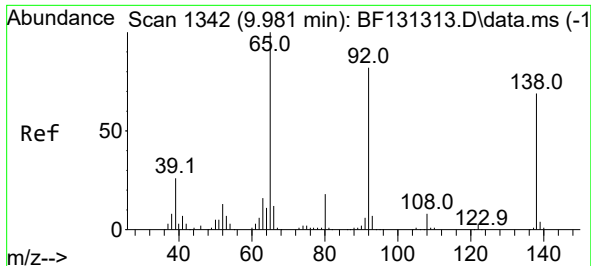
Tgt Ion:165 Resp: 221020
Ion Ratio Lower Upper
165 100
63 62.4 62.0 93.0
89 56.5 54.4 81.6



#52
Acenaphthene
Concen: 44.330 ng
RT: 10.039 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion:154 Resp: 836580
Ion Ratio Lower Upper
154 100
153 111.3 88.4 132.6
152 52.2 42.8 64.2

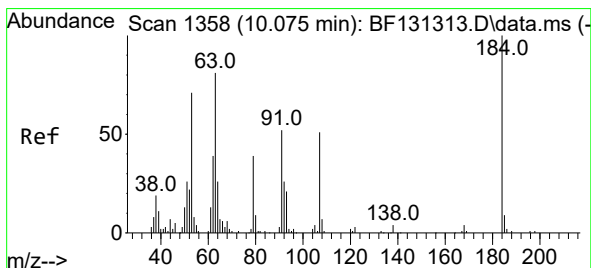
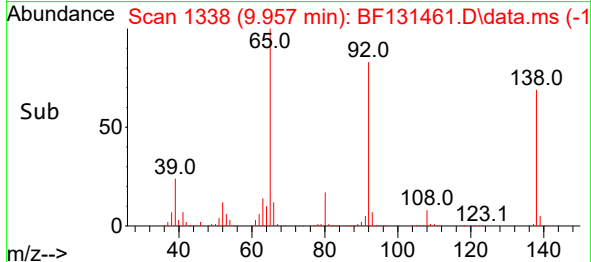
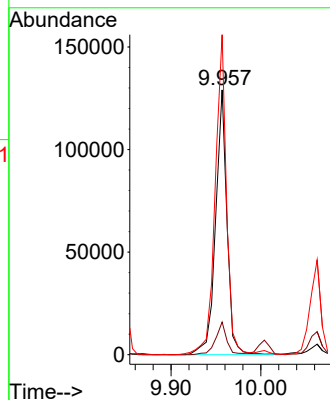
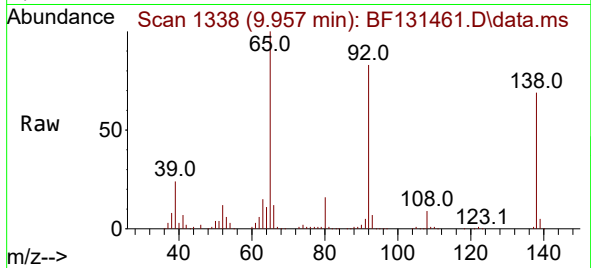




#53
3-Nitroaniline
Concen: 24.598 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

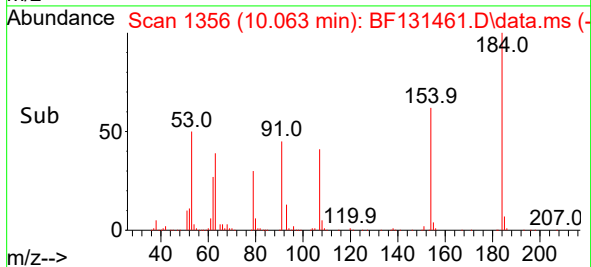
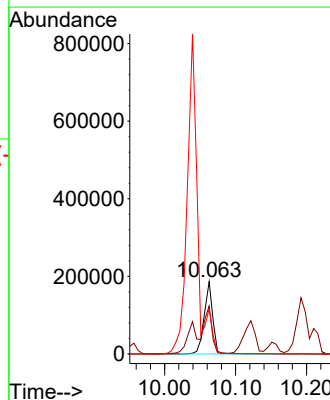
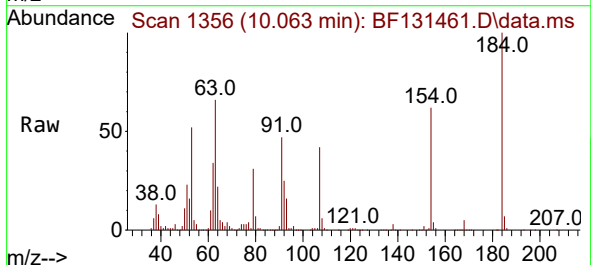
Instrument :
BNA_F
ClientSampleId :
TP-MMSD

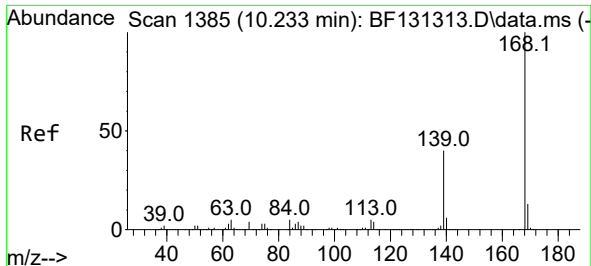
Tgt Ion:138 Resp: 113739
Ion Ratio Lower Upper
138 100
108 12.4 8.9 13.3
92 120.9 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 77.700 ng
RT: 10.063 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion:184 Resp: 157531
Ion Ratio Lower Upper
184 100
63 66.0 72.1 108.1#
154 62.4 56.3 84.5

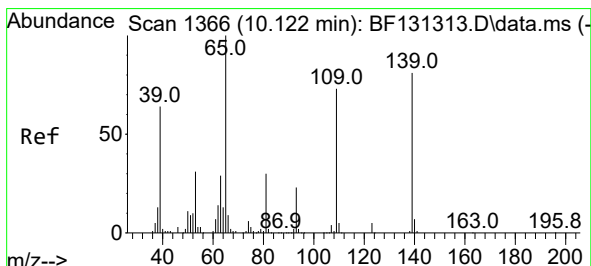
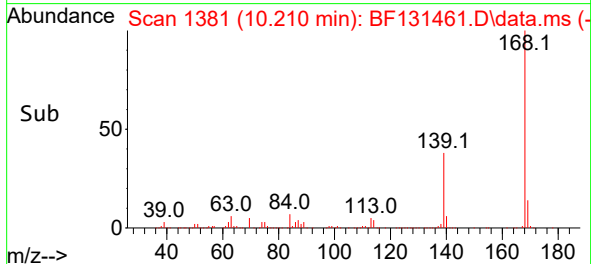
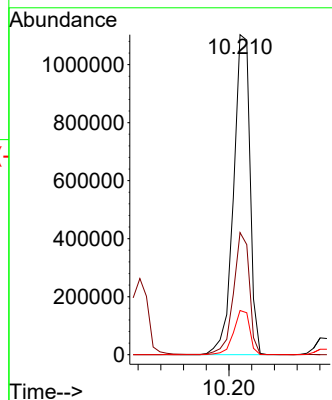
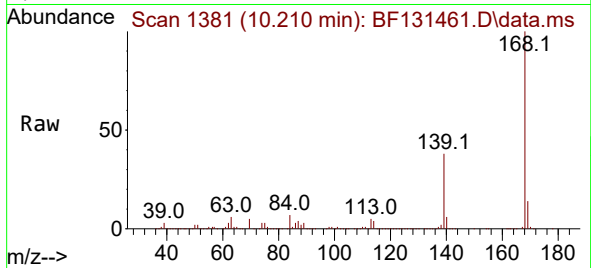




#55
Dibenzenofuran
Concen: 40.832 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

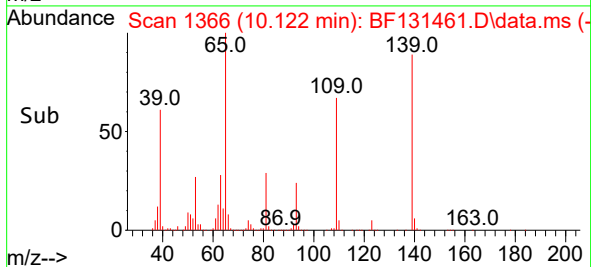
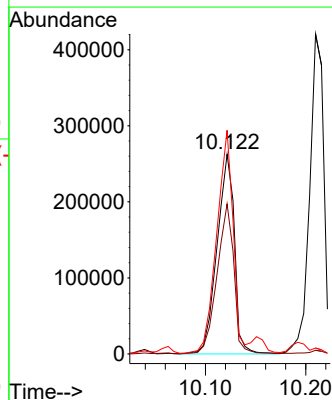
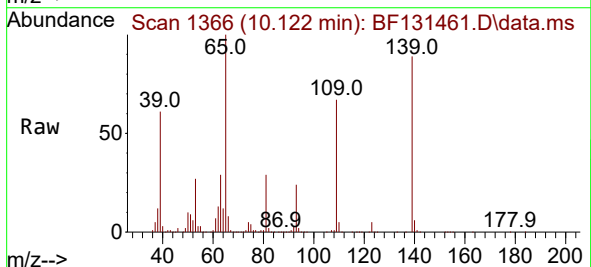
Instrument :
BNA_F
ClientSampleId :
TP-MMSD

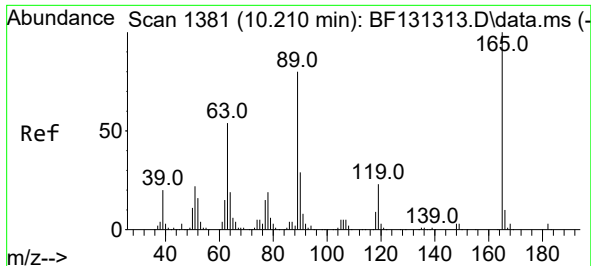
Tgt Ion:168 Resp: 1108594
Ion Ratio Lower Upper
168 100
139 38.1 31.7 47.5
169 13.8 10.6 15.8



#56
4-Nitrophenol
Concen: 98.252 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion:139 Resp: 315304
Ion Ratio Lower Upper
139 100
109 75.2 69.6 109.6
65 112.0 103.4 143.4

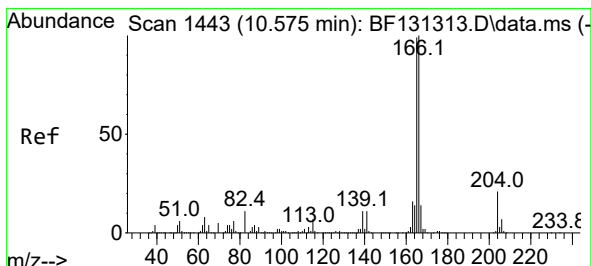
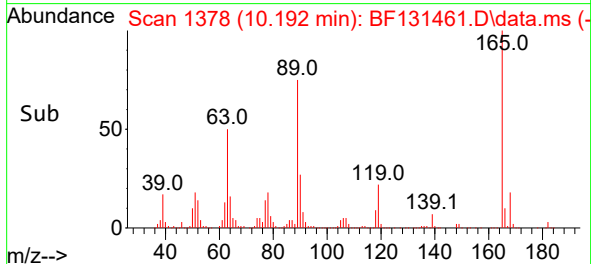
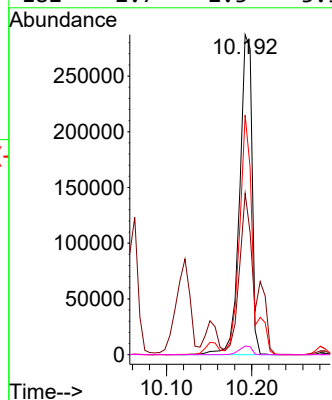
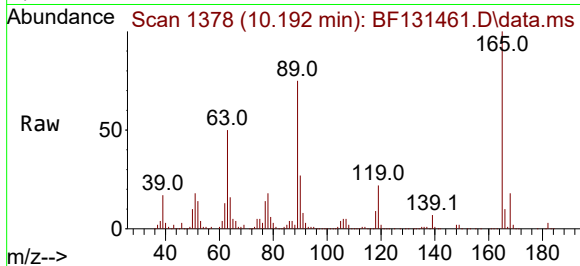




#57
2,4-Dinitrotoluene
Concen: 50.968 ng
RT: 10.192 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

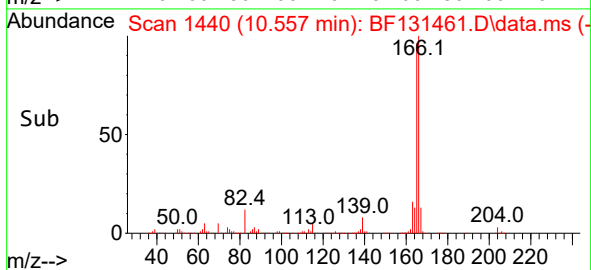
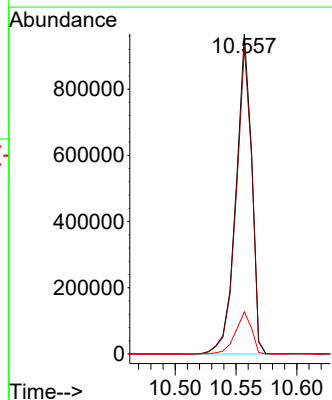
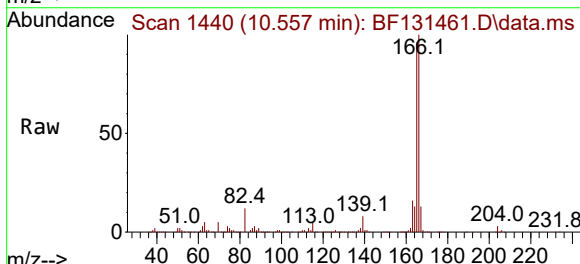
Instrument :
BNA_F
ClientSampleId :
TP-MMSD

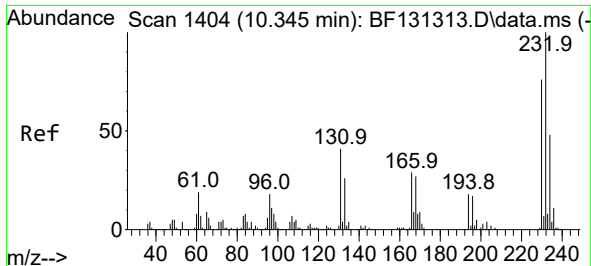
Tgt Ion:165 Resp: 288578
Ion Ratio Lower Upper
165 100
63 50.4 43.4 65.2
89 74.9 64.0 96.0
182 2.7 2.3 3.5



#58
Fluorene
Concen: 40.660 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion:166 Resp: 861544
Ion Ratio Lower Upper
166 100
165 96.1 79.0 118.4
167 13.2 10.9 16.3

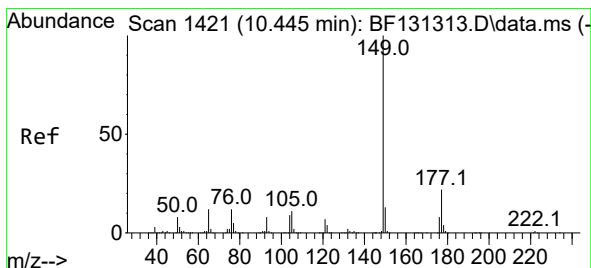
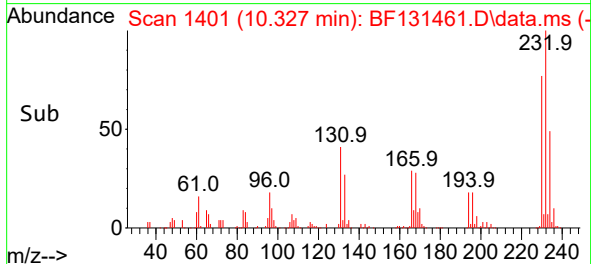
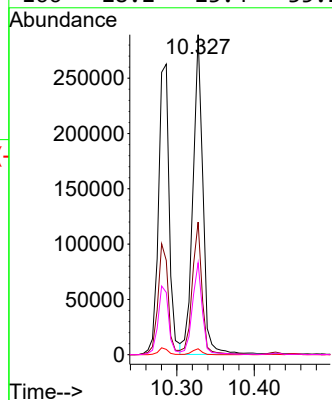
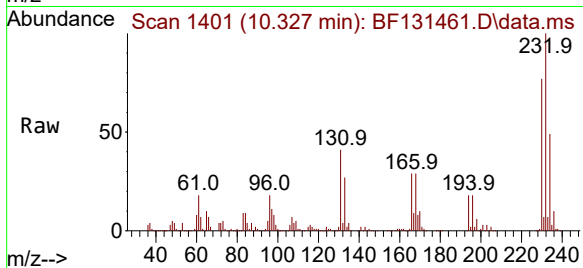




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.235 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

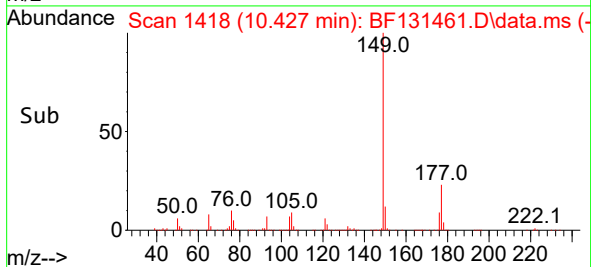
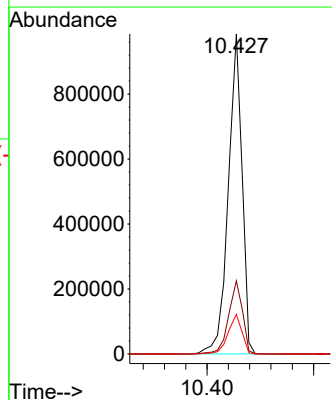
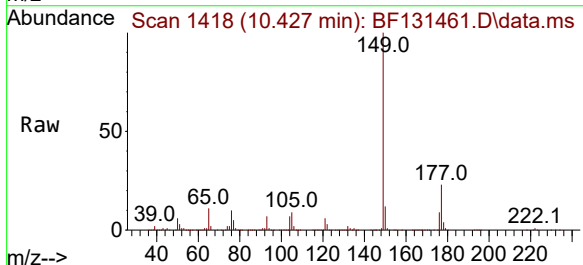
Instrument :
BNA_F
ClientSampleId :
TP-MMSD

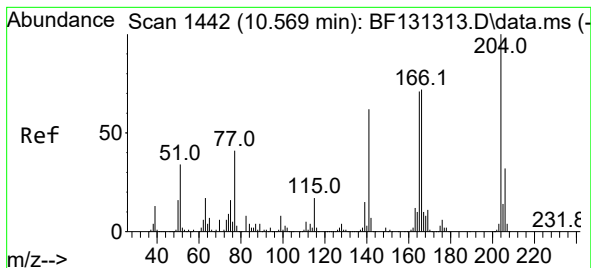
Tgt Ion:232 Resp: 257419
Ion Ratio Lower Upper
232 100
131 40.3 35.2 52.8
130 1.8 1.8 2.8#
166 28.2 23.4 35.2



#60
Diethylphthalate
Concen: 41.527 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion:149 Resp: 882306
Ion Ratio Lower Upper
149 100
177 22.9 17.6 26.4
150 12.3 10.2 15.4

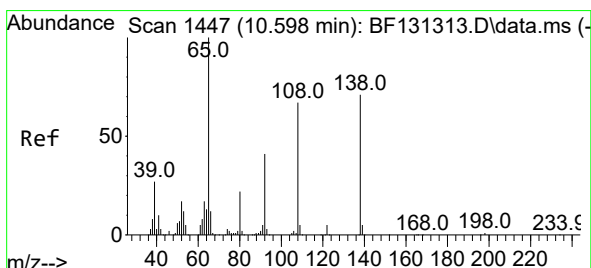
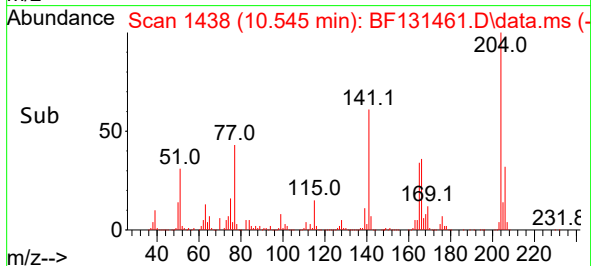
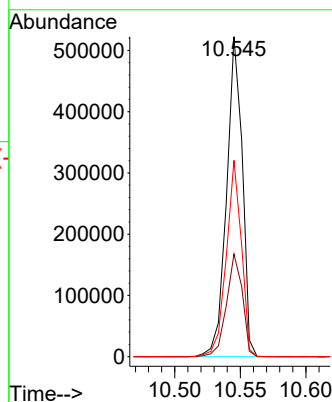
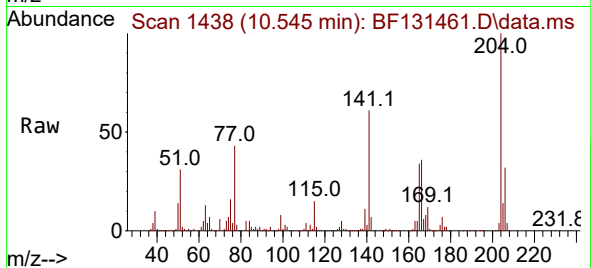




#61
4-Chlorophenyl-phenylether
Concen: 39.897 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

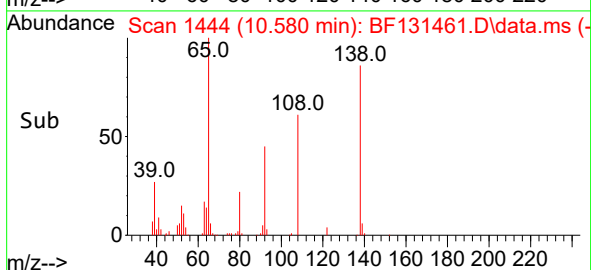
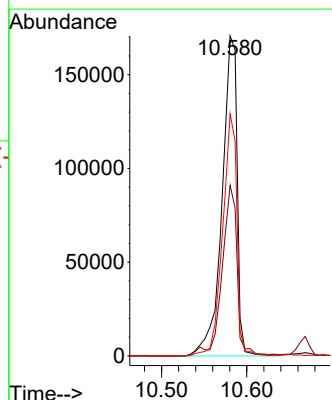
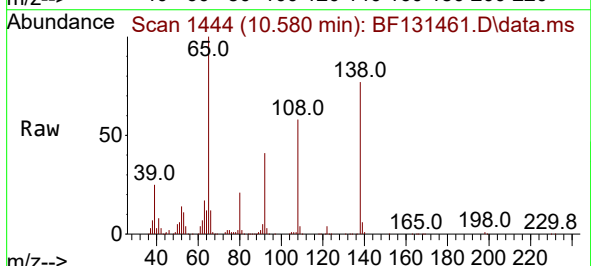
Instrument :
BNA_F
ClientSampleId :
TP-MMSD

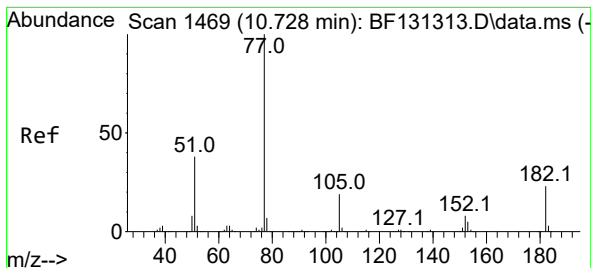
Tgt Ion:204 Resp: 433378
Ion Ratio Lower Upper
204 100
206 32.1 25.7 38.5
141 61.3 49.2 73.8



#62
4-Nitroaniline
Concen: 45.862 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion:138 Resp: 211049
Ion Ratio Lower Upper
138 100
92 53.3 37.0 77.0
108 75.7 74.0 114.0





#63

Azobenzene

Concen: 39.153 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

Instrument :

BNA_F

ClientSampleId :

TP-MMSD

Tgt Ion: 77 Resp: 894441

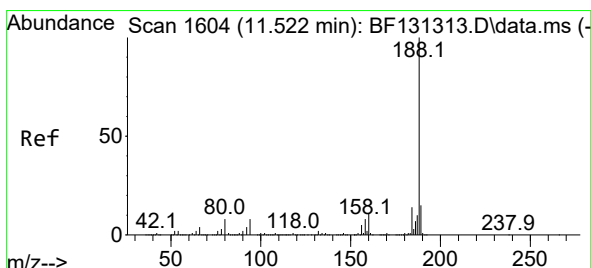
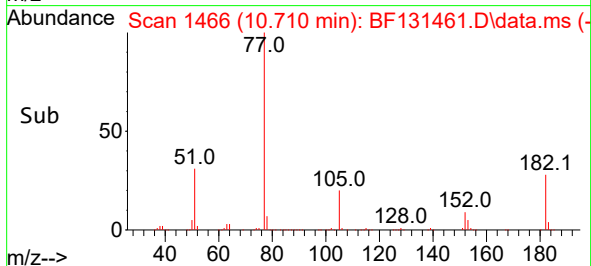
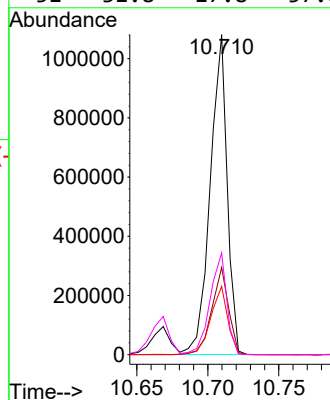
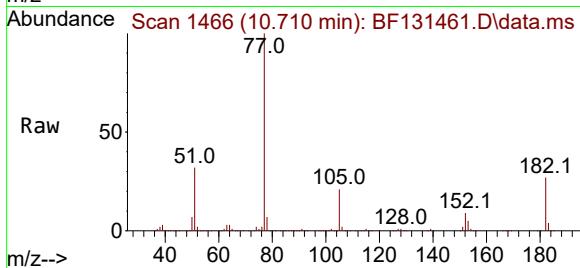
Ion Ratio Lower Upper

77 100

182 27.3 3.1 43.1

105 21.3 0.0 39.2

51 31.8 17.8 57.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.498 min Scan# 1600

Delta R.T. -0.006 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

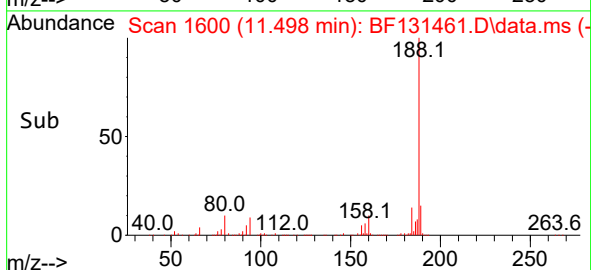
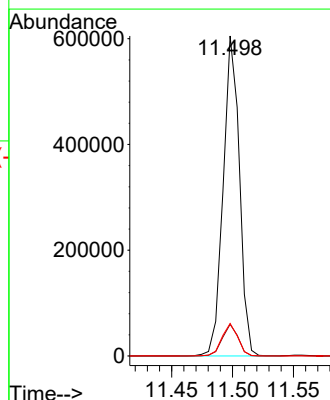
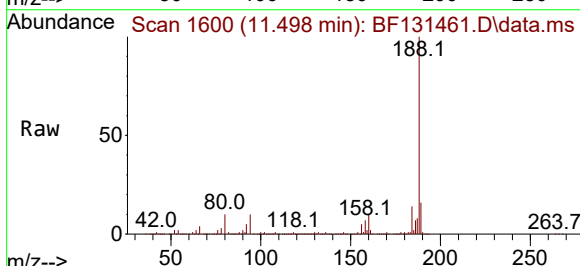
Tgt Ion:188 Resp: 562518

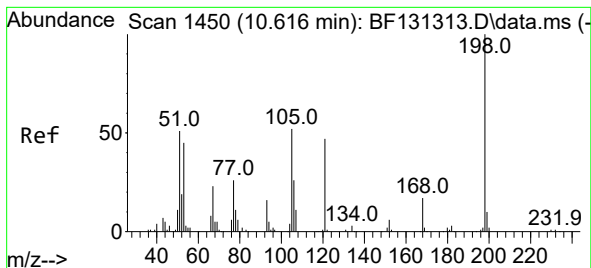
Ion Ratio Lower Upper

188 100

94 9.9 6.3 9.5#

80 10.2 6.8 10.2

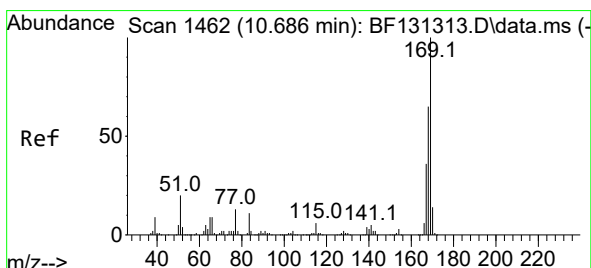
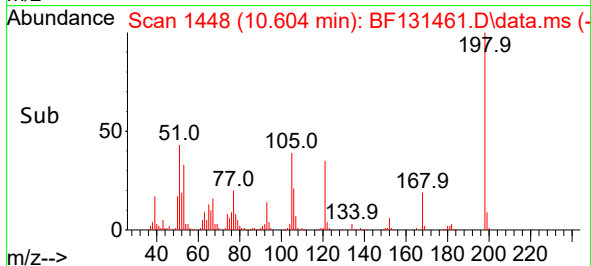
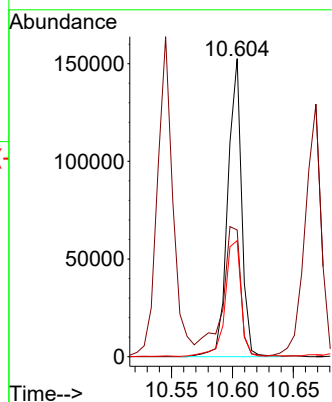
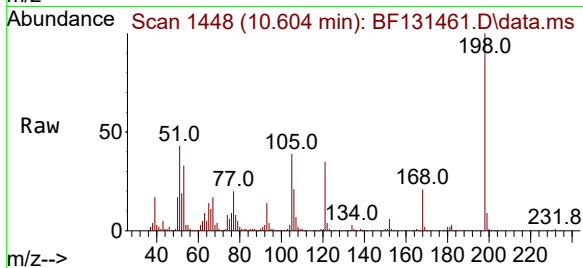




#65
4,6-Dinitro-2-methylphenol
Concen: 49.448 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

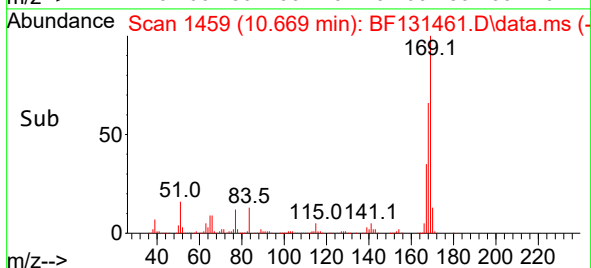
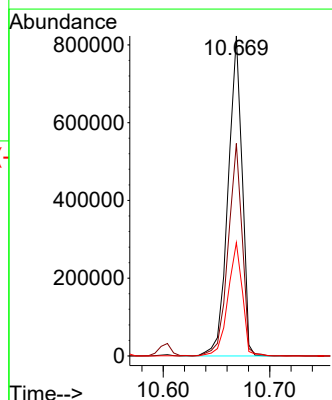
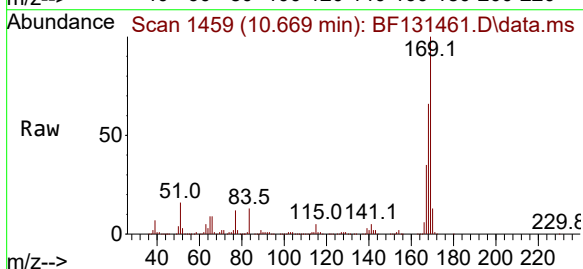
Instrument :
BNA_F
ClientSampleId :
TP-MMSD

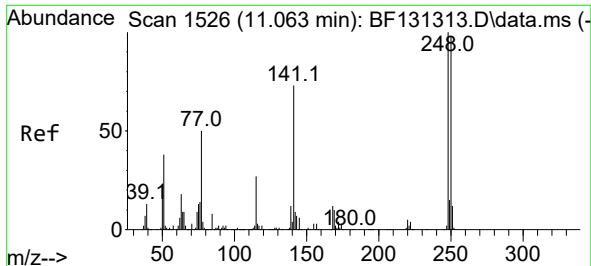
Tgt Ion:198 Resp: 120578
Ion Ratio Lower Upper
198 100
51 42.5 50.1 90.1#
105 38.9 32.5 72.5



#66
n-Nitrosodiphenylamine
Concen: 41.749 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion:169 Resp: 748319
Ion Ratio Lower Upper
169 100
168 66.4 52.4 78.6
167 35.4 29.2 43.8

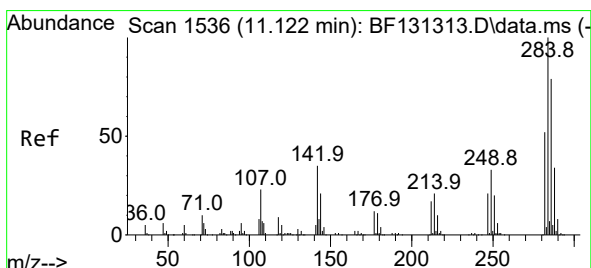
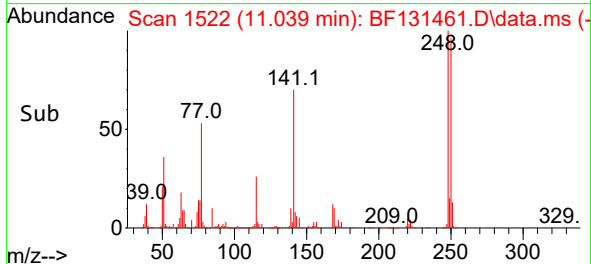
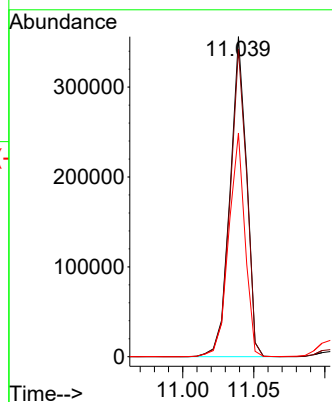
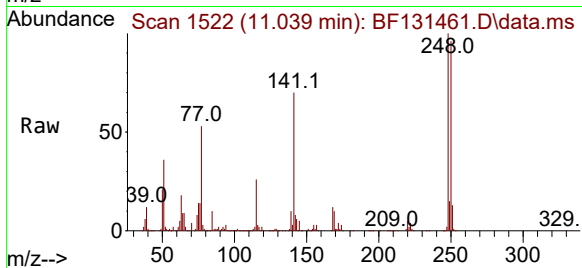




#67
4-Bromophenyl-phenylether
Concen: 41.745 ng
RT: 11.039 min Scan# 1522
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

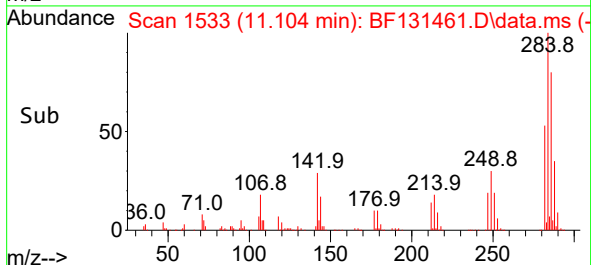
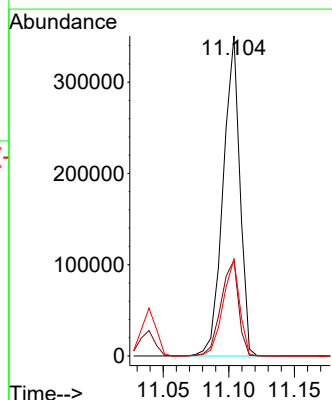
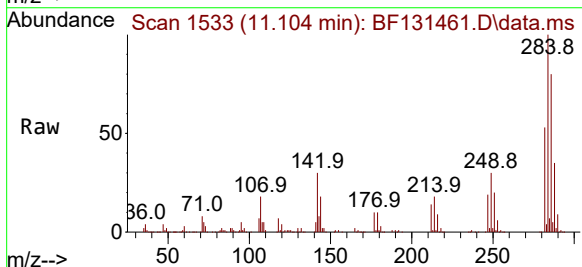
Instrument :
BNA_F
ClientSampleId :
TP-MMSD

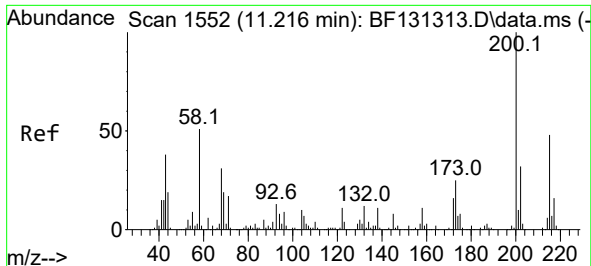
Tgt Ion:248 Resp: 287808
Ion Ratio Lower Upper
248 100
250 96.1 78.3 117.5
141 69.9 58.0 87.0



#68
Hexachlorobenzene
Concen: 42.346 ng
RT: 11.104 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion:284 Resp: 309859
Ion Ratio Lower Upper
284 100
142 29.9 28.4 42.6
249 30.2 26.5 39.7

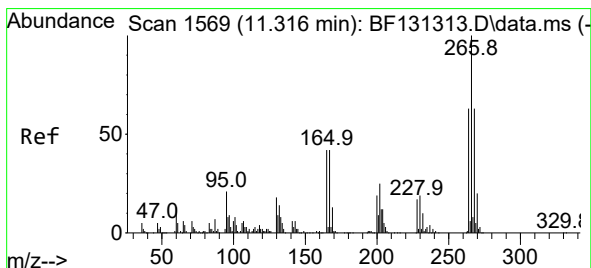
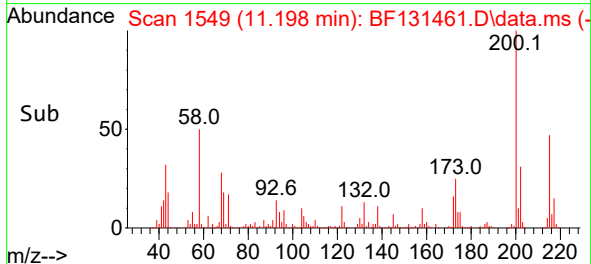
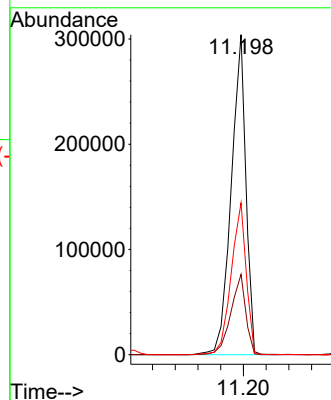
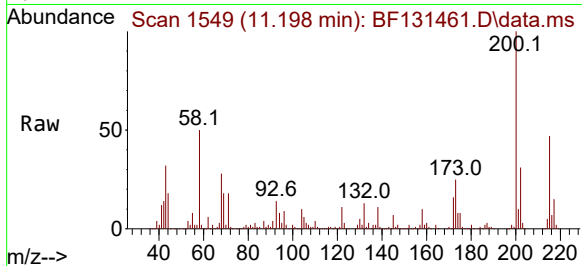




#69
Atrazine
Concen: 49.380 ng
RT: 11.198 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

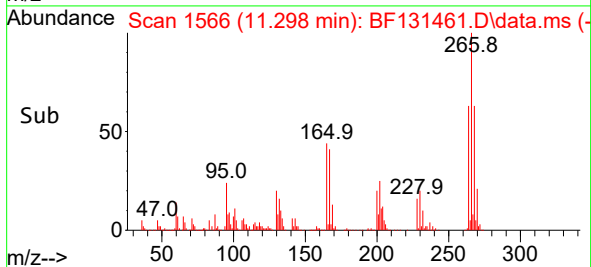
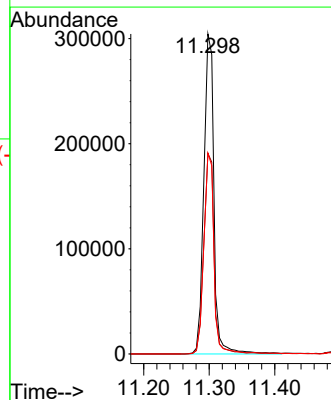
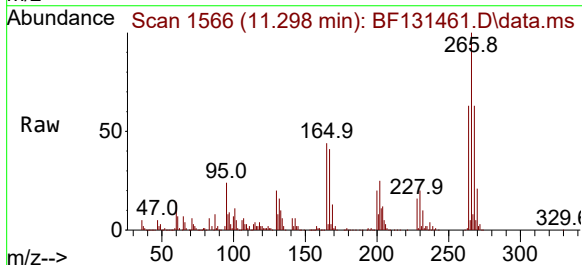
Instrument :
BNA_F
ClientSampleId :
TP-MMSD

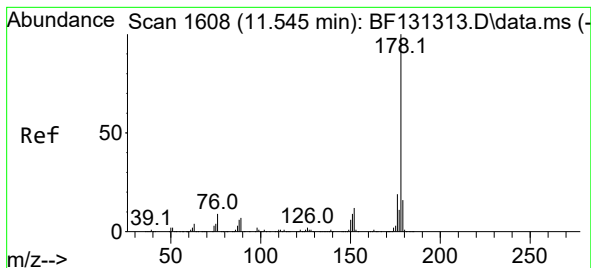
Tgt Ion:200 Resp: 272517
Ion Ratio Lower Upper
200 100
173 25.1 5.2 45.2
215 47.4 28.3 68.3



#70
Pentachlorophenol
Concen: 77.130 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion:266 Resp: 327150
Ion Ratio Lower Upper
266 100
268 62.7 50.6 75.8
264 62.7 50.4 75.6

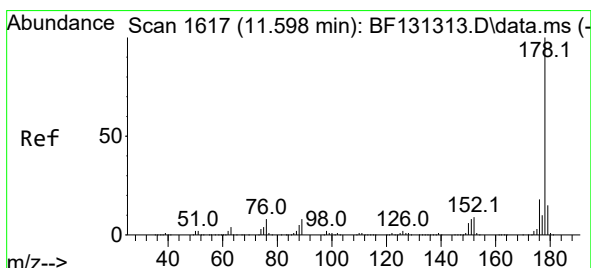
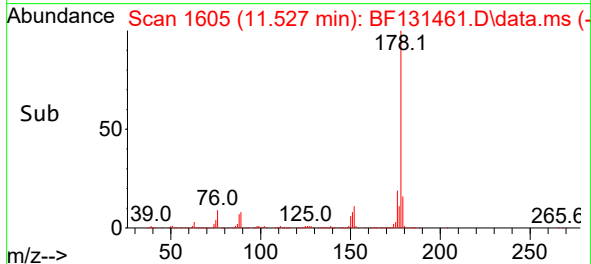
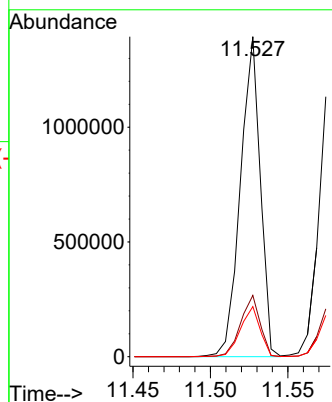
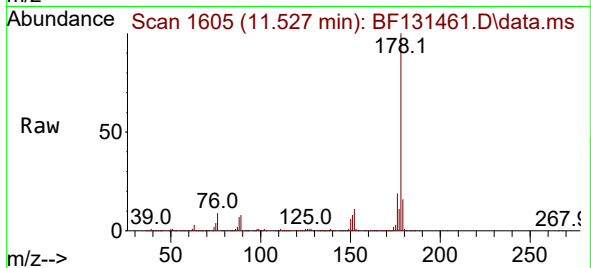




#71
Phenanthrene
Concen: 40.937 ng
RT: 11.527 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

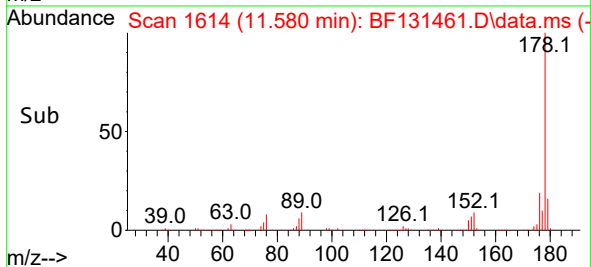
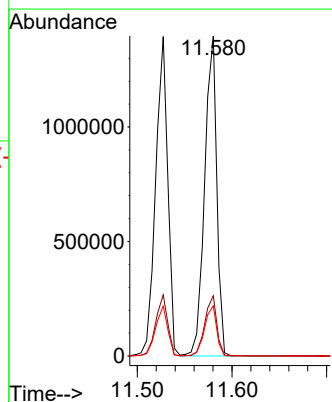
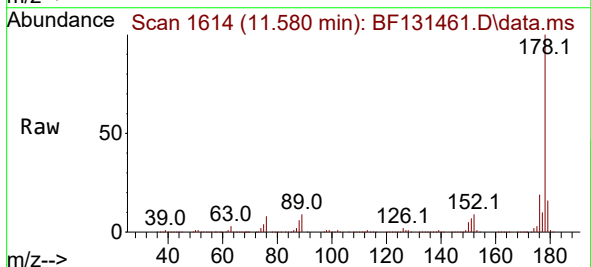
Instrument :
BNA_F
ClientSampleId :
TP-MMSD

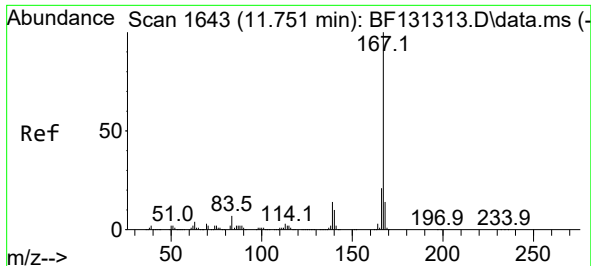
Tgt Ion:178 Resp: 1244491
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.6 12.4 18.6



#72
Anthracene
Concen: 41.762 ng
RT: 11.580 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion:178 Resp: 1247689
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.6 12.2 18.4

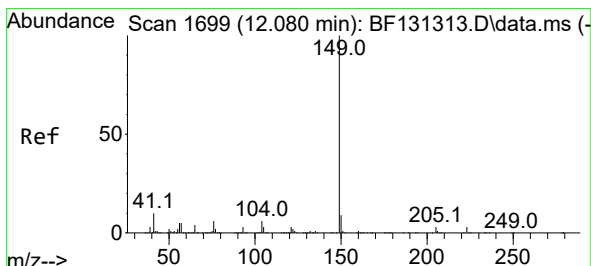
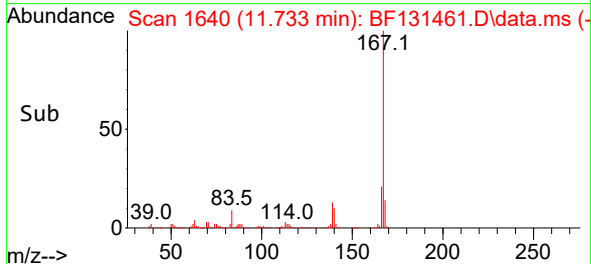
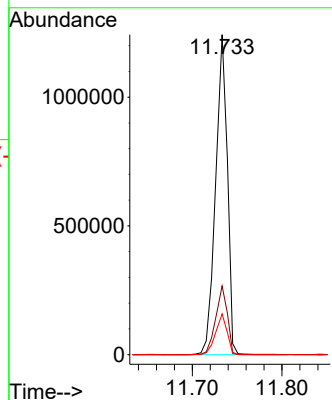
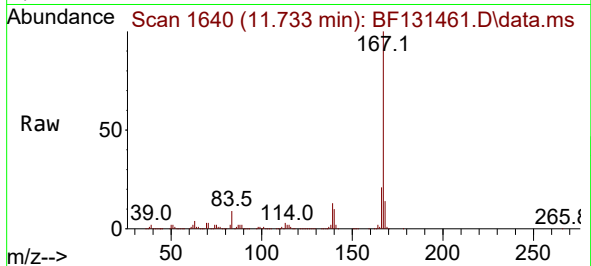




#73
 Carbazole
 Concen: 44.319 ng
 RT: 11.733 min Scan# 1640
 Delta R.T. -0.006 min
 Lab File: BF131461.D
 Acq: 29 Nov 2022 17:37

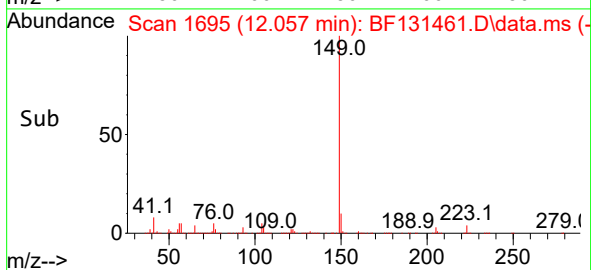
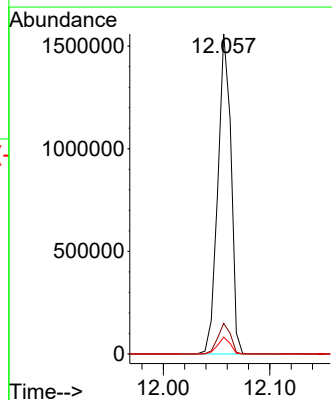
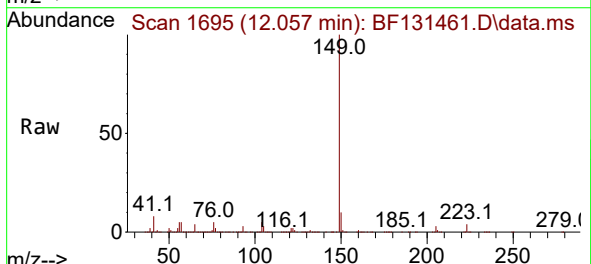
Instrument :
 BNA_F
 ClientSampleId :
 TP-MMSD

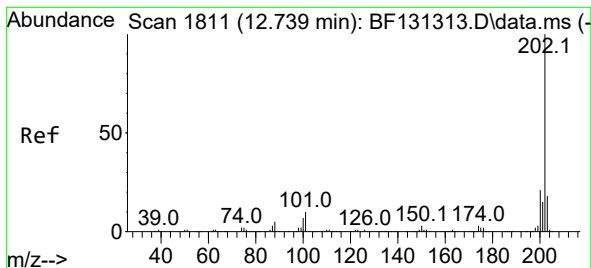
Tgt Ion:167 Resp: 1129461
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 12.7 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 44.318 ng
 RT: 12.057 min Scan# 1695
 Delta R.T. -0.012 min
 Lab File: BF131461.D
 Acq: 29 Nov 2022 17:37

Tgt Ion:149 Resp: 1330875
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.3 10.9
 104 5.3 4.7 7.1





#75

Fluoranthene

Concen: 41.284 ng

RT: 12.721 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

Instrument :

BNA_F

ClientSampleId :

TP-MMSD

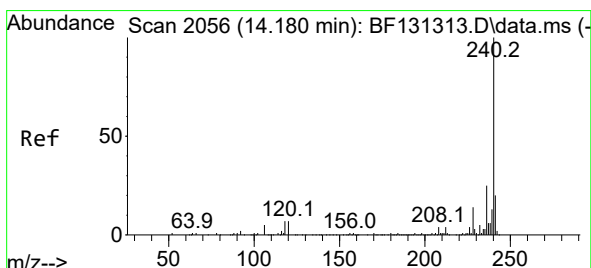
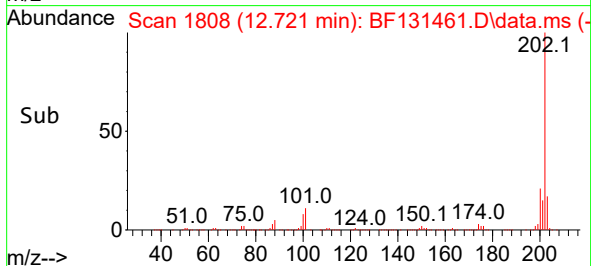
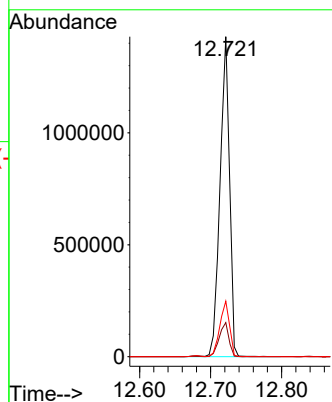
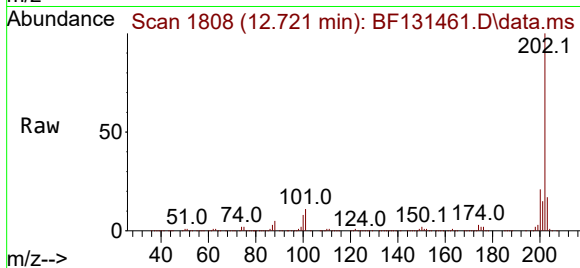
Tgt Ion:202 Resp: 1322499

Ion Ratio Lower Upper

202 100

101 10.6 0.0 29.6

203 17.4 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.157 min Scan# 2052

Delta R.T. -0.012 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

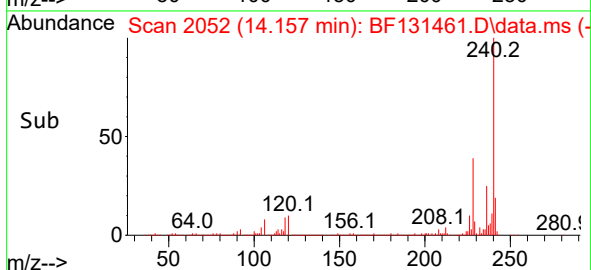
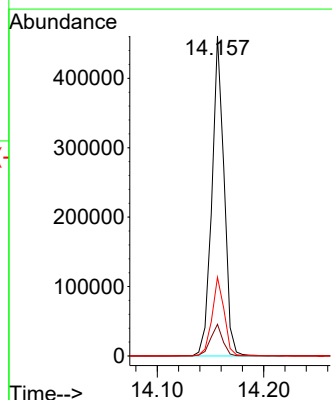
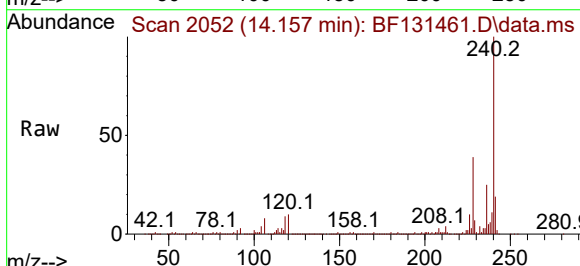
Tgt Ion:240 Resp: 366358

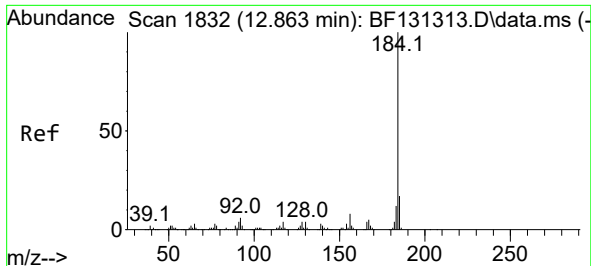
Ion Ratio Lower Upper

240 100

120 9.9 5.8 8.8#

236 24.6 20.3 30.5

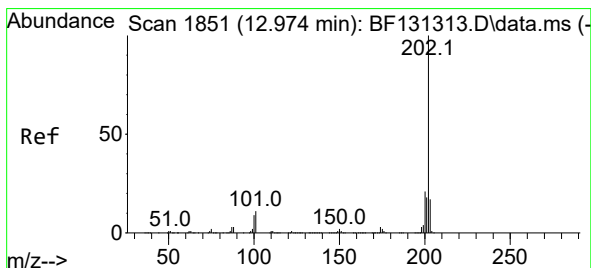
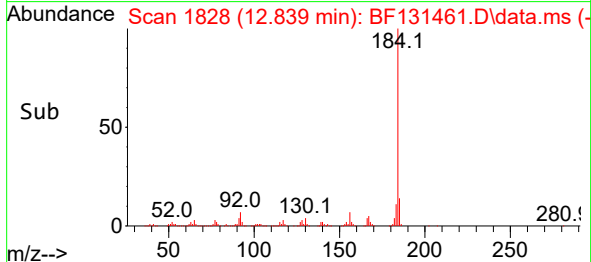
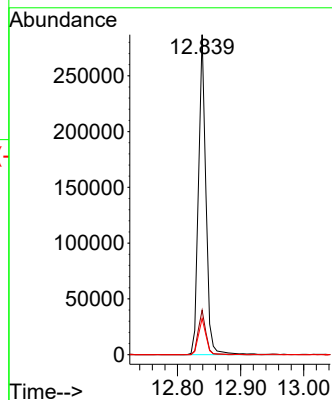
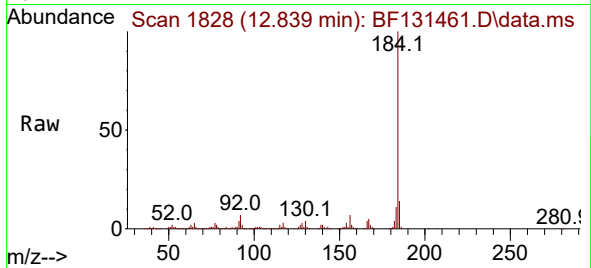




#77
Benzidine
Concen: 34.377 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.012 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

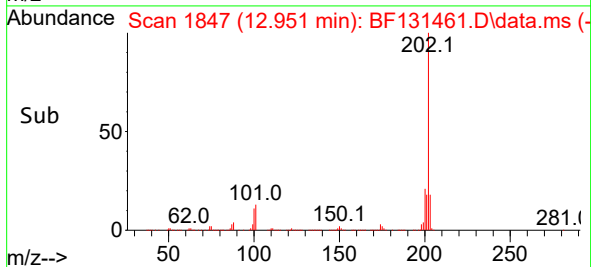
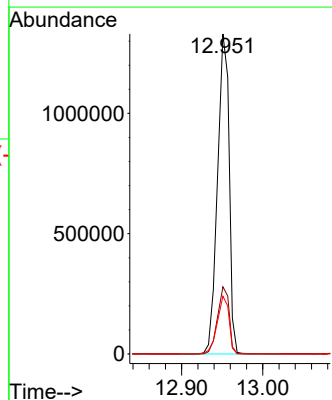
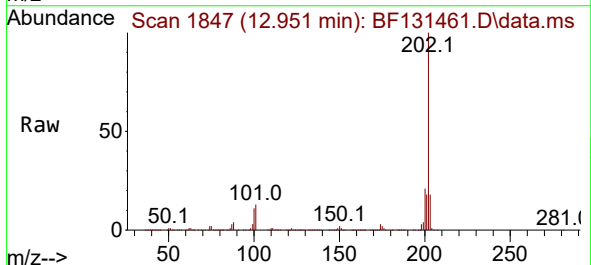
Instrument :
BNA_F
ClientSampleId :
TP-MMSD

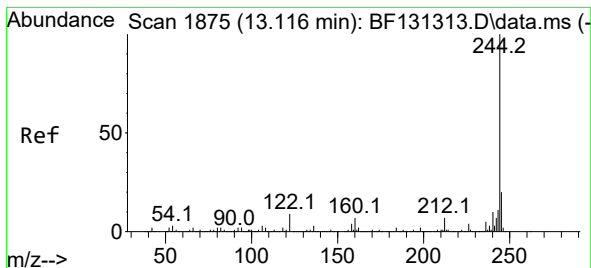
Tgt Ion:184 Resp: 232634
Ion Ratio Lower Upper
184 100
185 13.9 13.8 20.8
183 11.3 9.6 14.4



#78
Pyrene
Concen: 41.010 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion:202 Resp: 1325588
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 18.0 13.9 20.9





#79

Terphenyl-d14

Concen: 81.638 ng

RT: 13.092 min Scan# 1875

Delta R.T. -0.012 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

Instrument :

BNA_F

ClientSampleId :

TP-MMSD

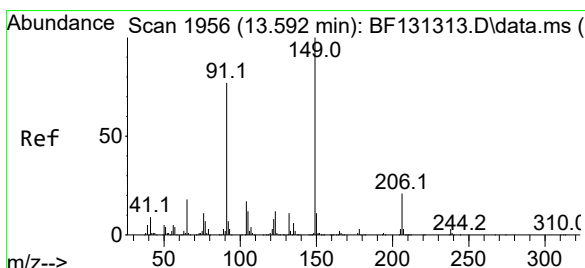
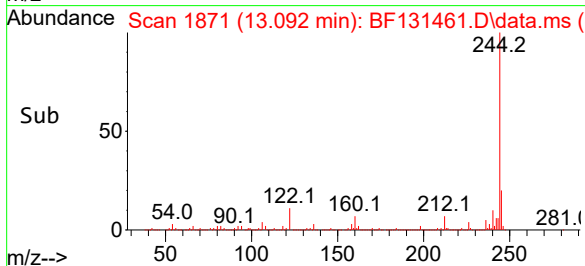
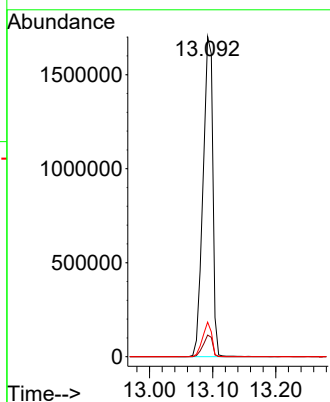
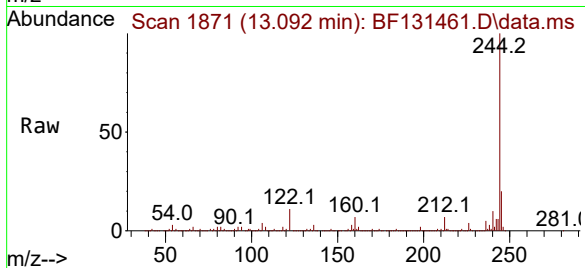
Tgt Ion:244 Resp: 1828991

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 10.8 7.5 11.3



#80

Butylbenzylphthalate

Concen: 47.536 ng

RT: 13.568 min Scan# 1952

Delta R.T. -0.012 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

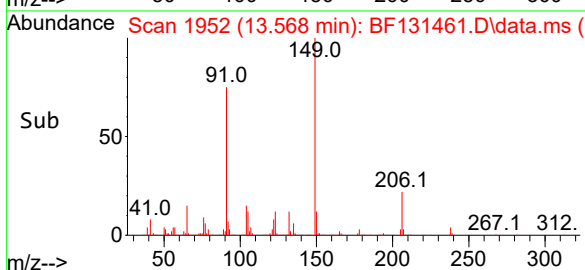
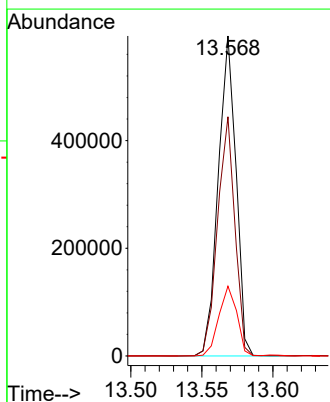
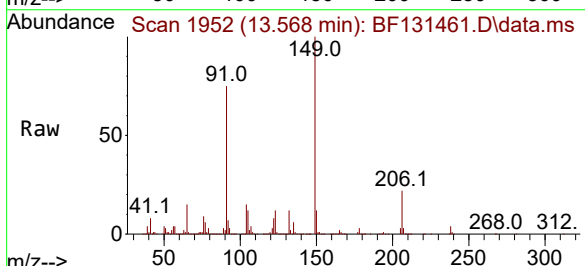
Tgt Ion:149 Resp: 516454

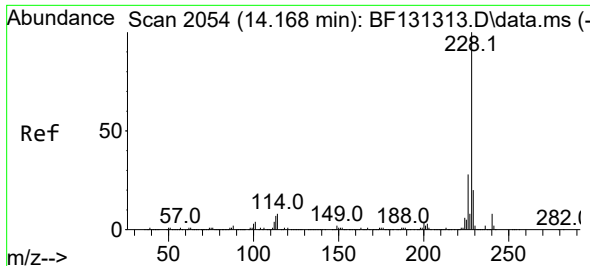
Ion Ratio Lower Upper

149 100

91 74.8 61.9 92.9

206 21.8 16.5 24.7

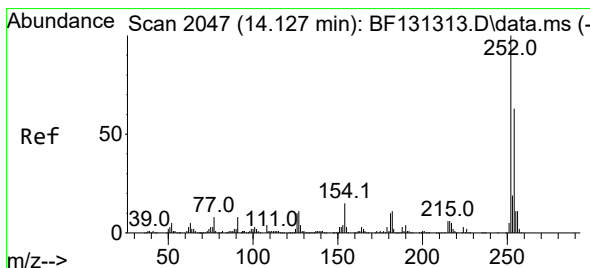
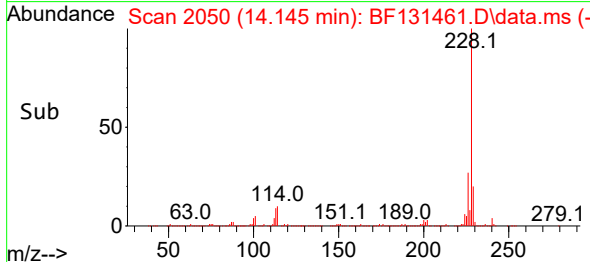
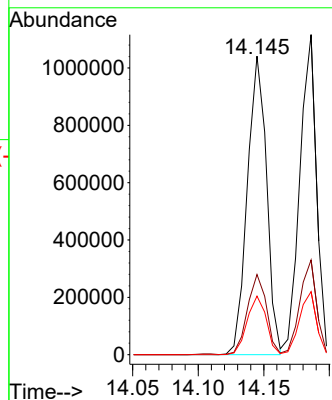
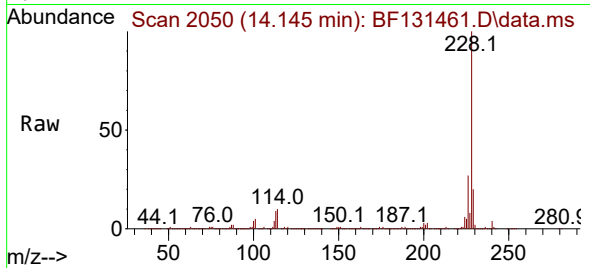




#81
Benzo(a)anthracene
Concen: 42.317 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.012 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

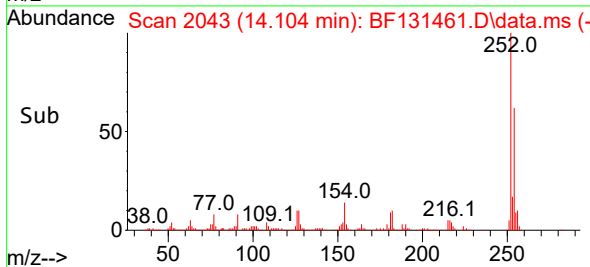
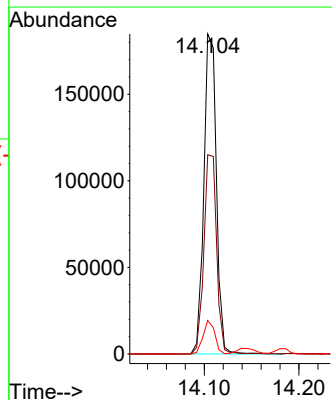
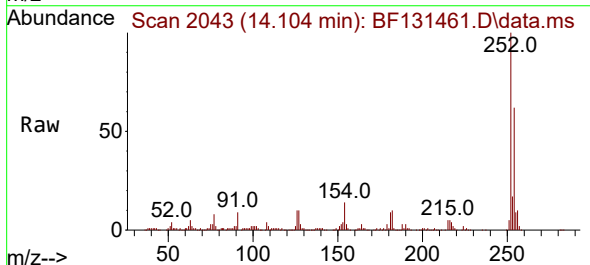
Instrument :
BNA_F
ClientSampleId :
TP-MMSD

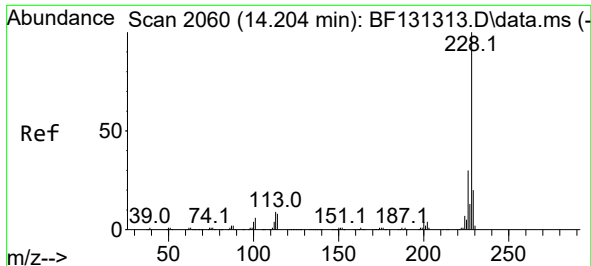
Tgt Ion:228 Resp: 1062655
Ion Ratio Lower Upper
228 100
226 26.9 22.0 33.0
229 19.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 25.521 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.012 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion:252 Resp: 170062
Ion Ratio Lower Upper
252 100
254 62.2 50.8 76.2
126 10.4 8.3 12.5

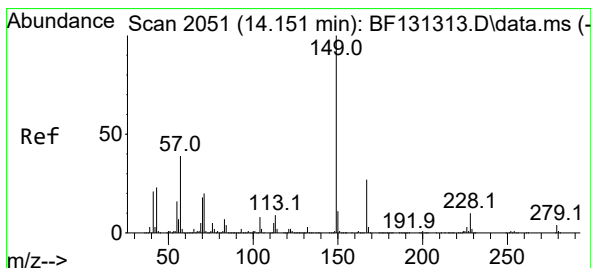
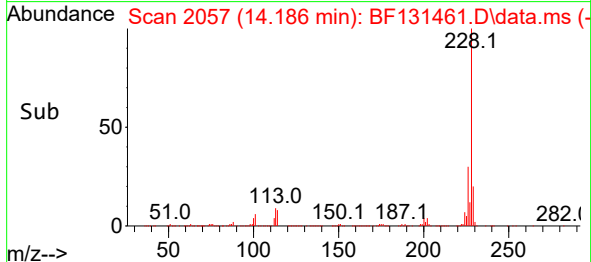
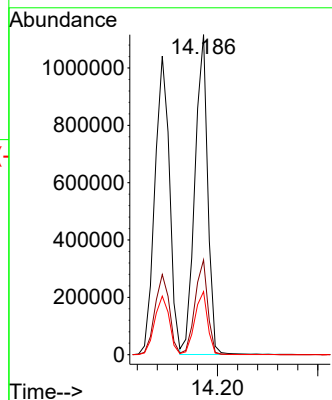
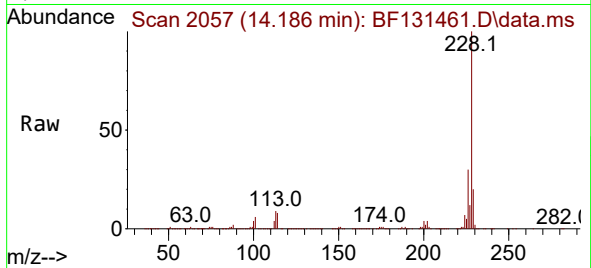




#83
Chrysene
Concen: 40.248 ng
RT: 14.186 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

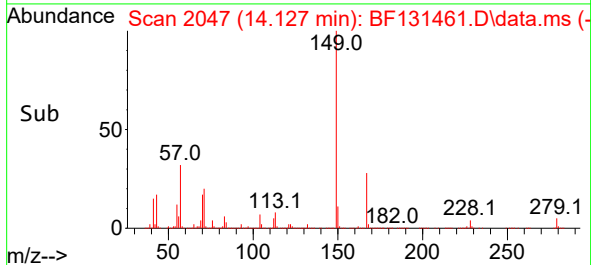
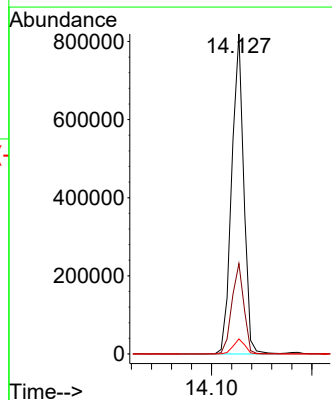
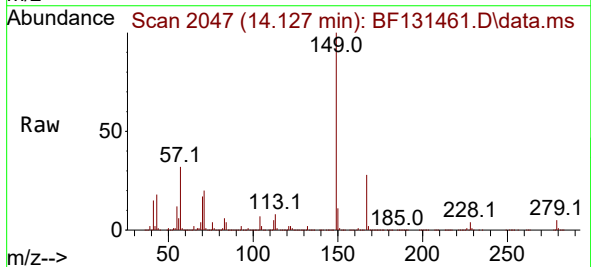
Instrument :
BNA_F
ClientSampleId :
TP-MMSD

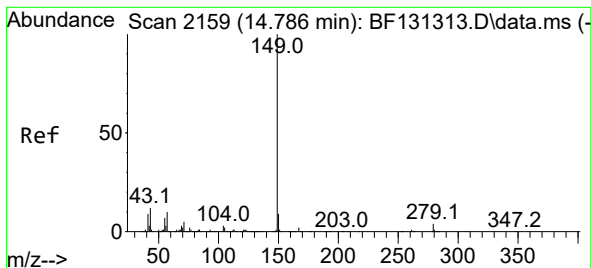
Tgt Ion:228 Resp: 991592
Ion Ratio Lower Upper
228 100
226 29.6 23.7 35.5
229 19.7 16.2 24.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.272 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.012 min
Lab File: BF131461.D
Acq: 29 Nov 2022 17:37

Tgt Ion:149 Resp: 681304
Ion Ratio Lower Upper
149 100
167 28.3 21.9 32.9
279 4.7 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 50.028 ng

RT: 14.751 min Scan# 2153

Delta R.T. -0.012 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

Instrument :

BNA_F

ClientSampleId :

TP-MMSD

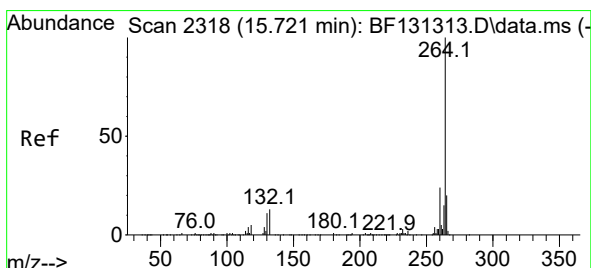
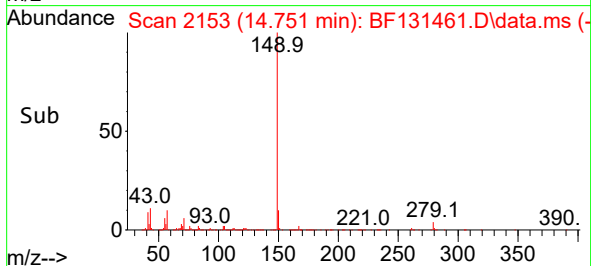
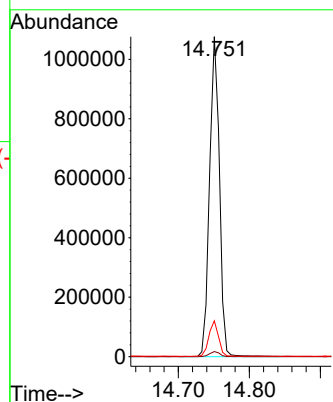
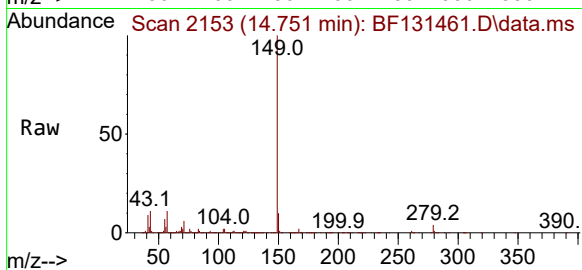
Tgt Ion:149 Resp: 1039787

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.9 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.686 min Scan# 2312

Delta R.T. -0.012 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

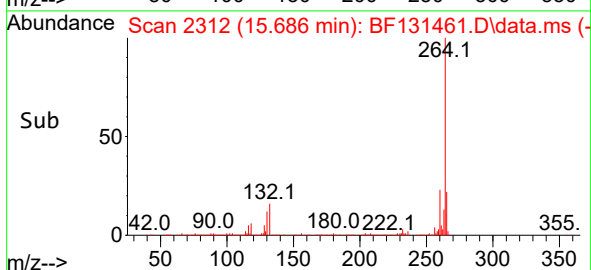
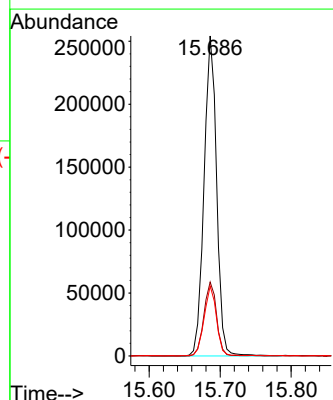
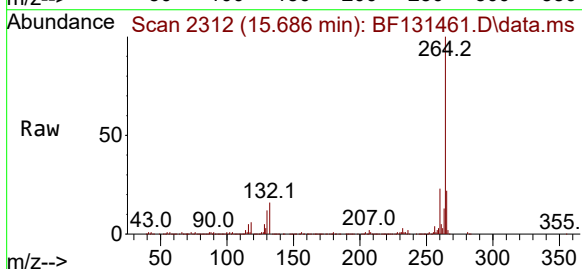
Tgt Ion:264 Resp: 313882

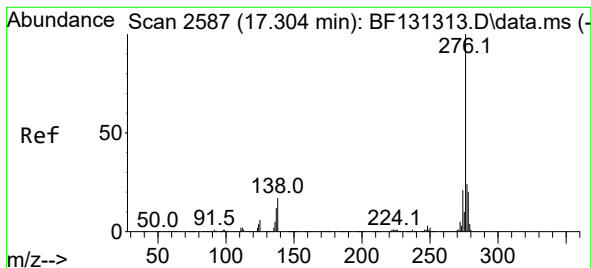
Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.4

265 21.9 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.690 ng

RT: 17.256 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

Instrument :

BNA_F

ClientSampleId :

TP-MMSD

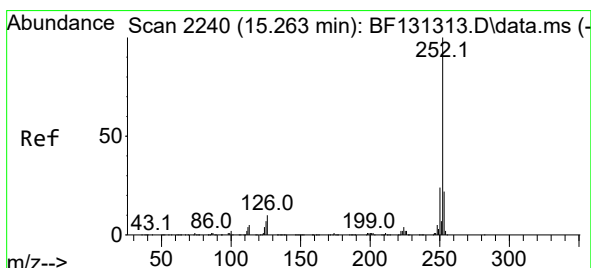
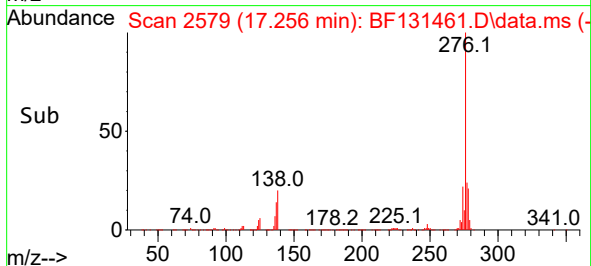
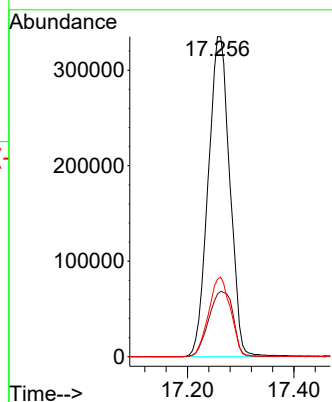
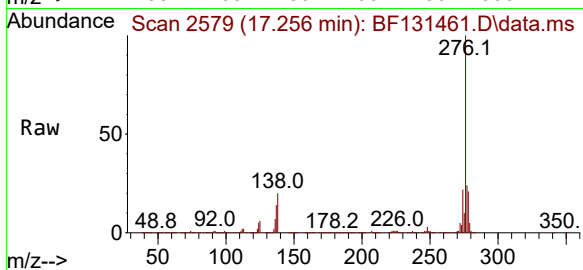
Tgt Ion:276 Resp: 942149

Ion Ratio Lower Upper

276 100

138 23.1 15.8 23.6

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 46.372 ng

RT: 15.233 min Scan# 2235

Delta R.T. -0.012 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

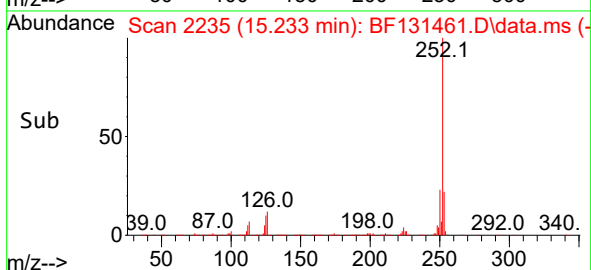
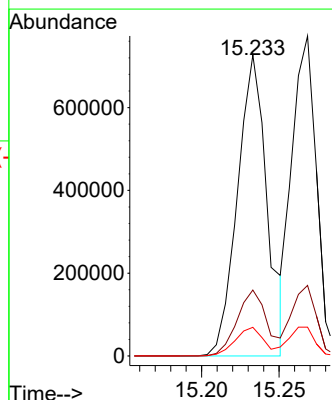
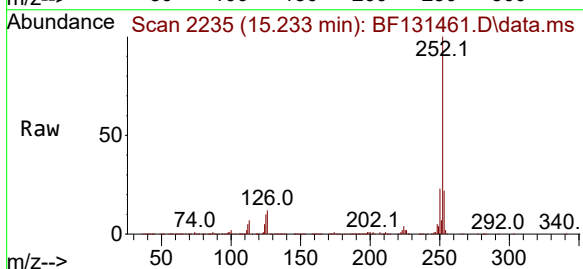
Tgt Ion:252 Resp: 966935

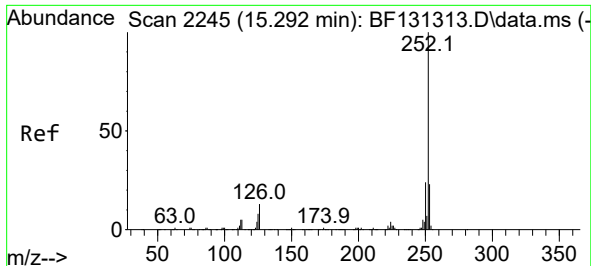
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.5 5.8 8.6#





#89

Benzo(k)fluoranthene

Concen: 40.148 ng

RT: 15.268 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

Instrument :

BNA_F

ClientSampleId :

TP-MMSD

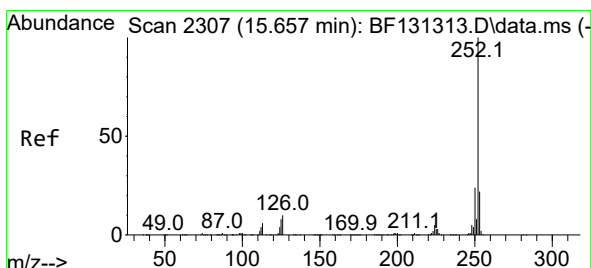
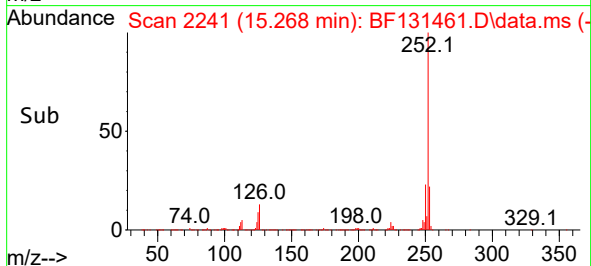
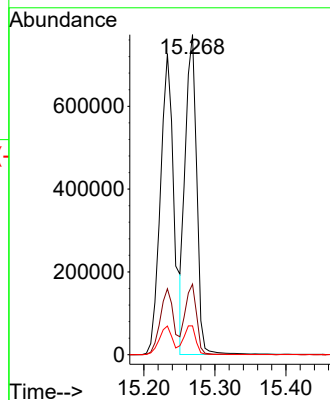
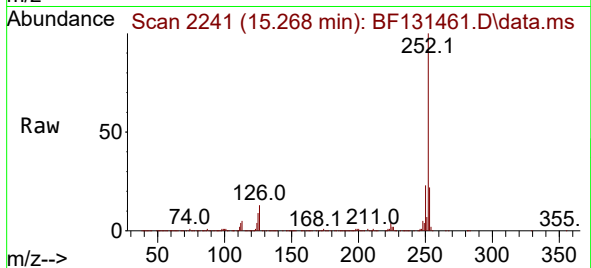
Tgt Ion:252 Resp: 860318

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 9.0 6.6 10.0



#90

Benzo(a)pyrene

Concen: 45.998 ng

RT: 15.627 min Scan# 2302

Delta R.T. -0.012 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

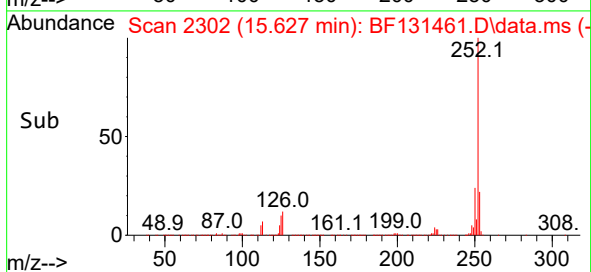
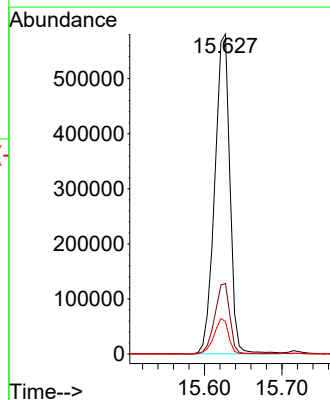
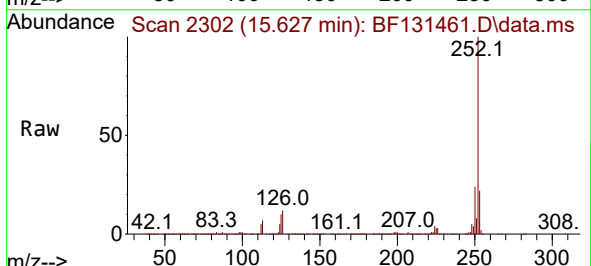
Tgt Ion:252 Resp: 787001

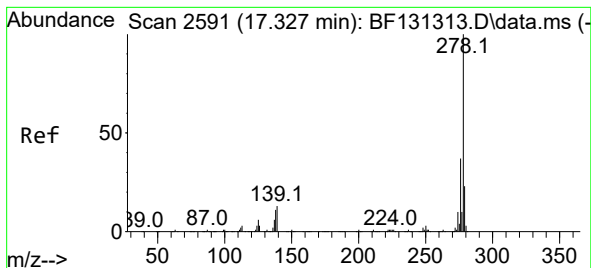
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.2 6.1 9.1#





#91

Dibenzo(a,h)anthracene

Concen: 45.713 ng

RT: 17.280 min Scan# 2583

Delta R.T. -0.018 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

Instrument :

BNA_F

ClientSampleId :

TP-MMSD

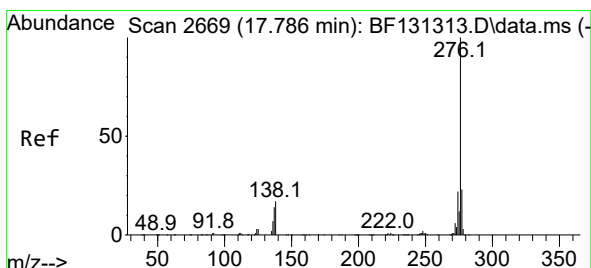
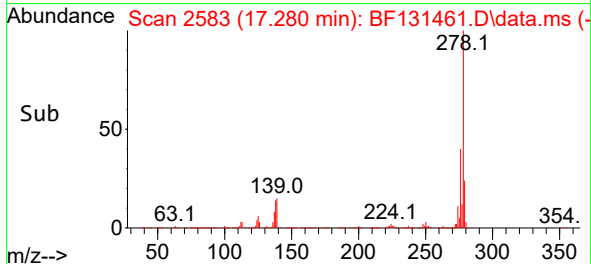
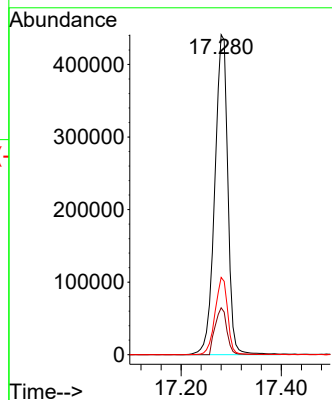
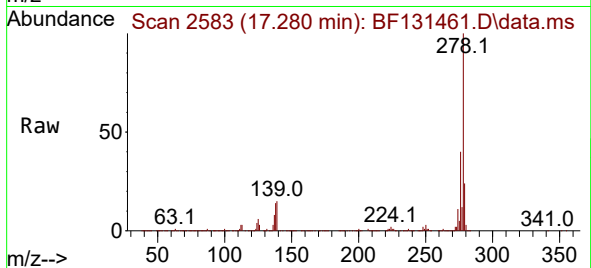
Tgt Ion:278 Resp: 795643

Ion Ratio Lower Upper

278 100

139 14.7 10.4 15.6

279 24.2 18.3 27.5



#92

Benzo(g,h,i)perylene

Concen: 46.352 ng

RT: 17.739 min Scan# 2661

Delta R.T. -0.018 min

Lab File: BF131461.D

Acq: 29 Nov 2022 17:37

Tgt Ion:276 Resp: 805201

Ion Ratio Lower Upper

276 100

277 23.0 18.3 27.5

138 20.1 13.8 20.6

