

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120522\
 Data File : BF131517.D
 Acq On : 06 Dec 2022 00:31
 Operator : CG\JU
 Sample : PB149384BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149384BSD

Quant Time: Dec 06 02:17:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 01:30:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	105020	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	390313	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	228182	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	445884	20.000	ng	0.00
76) Chrysene-d12	14.127	240	321328	20.000	ng	0.00
86) Perylene-d12	15.651	264	253766	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	853958	138.858	ng	0.02
7) Phenol-d6	6.551	99	1012496	131.841	ng	0.00
23) Nitrobenzene-d5	7.492	82	635847	74.768	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	416599	160.344	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1391393	79.993	ng	0.00
79) Terphenyl-d14	13.068	244	1905587	89.558	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.804	88	89296	33.919	ng	94
3) Pyridine	3.551	79	235014	31.980	ng	93
4) n-Nitrosodimethylamine	3.528	42	131645	34.956	ng	91
6) Aniline	6.586	93	268244	28.294	ng	94
8) 2-Chlorophenol	6.704	128	301124	45.852	ng	90
9) Benzaldehyde	6.469	77	57385	11.707	ng	93
10) Phenol	6.563	94	373742	43.021	ng	96
11) bis(2-Chloroethyl)ether	6.657	93	273802	42.672	ng	94
12) 1,3-Dichlorobenzene	6.863	146	341514	44.552	ng	95
13) 1,4-Dichlorobenzene	6.939	146	343986	43.908	ng	96
14) 1,2-Dichlorobenzene	7.092	146	330948	45.339	ng	99
15) Benzyl Alcohol	7.069	79	171209	26.654	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.198	45	247189	39.301	ng	100
17) 2-Methylphenol	7.175	107	236342	43.084	ng	96
18) Hexachloroethane	7.439	117	125132	42.992	ng	93
19) n-Nitroso-di-n-propyla...	7.339	70	199102	38.307	ng	96
20) 3+4-Methylphenols	7.328	107	310995	41.922	ng	96
22) Acetophenone	7.339	105	442042	41.736	ng	97
24) Nitrobenzene	7.510	77	313226	36.504	ng	93
25) Isophorone	7.751	82	543291	41.069	ng	# 93
26) 2-Nitrophenol	7.828	139	152830	48.646	ng	90
27) 2,4-Dimethylphenol	7.863	122	269489	52.245	ng	93
28) bis(2-Chloroethoxy)met...	7.963	93	327257	44.624	ng	98
29) 2,4-Dichlorophenol	8.069	162	266508	44.607	ng	97
30) 1,2,4-Trichlorobenzene	8.151	180	311394	41.711	ng	98
31) Naphthalene	8.233	128	858458	39.784	ng	99
32) Benzoic acid	7.992	122	160387	51.560	ng	89
33) 4-Chloroaniline	8.280	127	110435	13.664	ng	96
34) Hexachlorobutadiene	8.345	225	218778	41.030	ng	98
36) 4-Chloro-3-methylphenol	8.769	107	266416	41.714	ng	99
37) 2-Methylnaphthalene	8.927	142	591739	40.980	ng	100
38) 1-Methylnaphthalene	9.033	142	555945	40.068	ng	100
40) 1,2,4,5-Tetrachloroben...	9.098	216	357360	42.395	ng	100
41) Hexachlorocyclopentadiene	9.080	237	481846	126.900	ng	99
43) 2,4,6-Trichlorophenol	9.210	196	204030	40.034	ng	99
44) 2,4,5-Trichlorophenol	9.251	196	230403	42.392	ng	98

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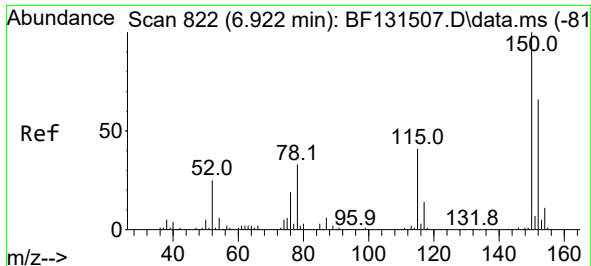
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.398	154	742143	41.247	ng	98
47) 2-Chloronaphthalene	9.422	162	584526	39.770	ng	100
48) 2-Nitroaniline	9.522	65	152077	35.810	ng	95
49) Acenaphthylene	9.839	152	879848	40.075	ng	99
50) Dimethylphthalate	9.704	163	679968	41.229	ng	99
51) 2,6-Dinitrotoluene	9.763	165	148156	42.042	ng	94
52) Acenaphthene	10.016	154	536276	37.649	ng	98
53) 3-Nitroaniline	9.933	138	80744	21.890	ng	87
54) 2,4-Dinitrophenol	10.039	184	190928	107.980	ng	92
55) Dibenzofuran	10.186	168	837364	40.269	ng	99
56) 4-Nitrophenol	10.098	139	219355	85.219	ng	91
57) 2,4-Dinitrotoluene	10.169	165	208624	45.120	ng	# 85
58) Fluorene	10.533	166	689784	40.199	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.304	232	203006	44.032	ng	96
60) Diethylphthalate	10.404	149	668939	41.138	ng	99
61) 4-Chlorophenyl-phenyle...	10.521	204	366064	41.240	ng	99
62) 4-Nitroaniline	10.557	138	142149	38.652	ng	87
63) Azobenzene	10.686	77	564882	35.229	ng	90
65) 4,6-Dinitro-2-methylph...	10.580	198	117352	47.966	ng	89
66) n-Nitrosodiphenylamine	10.645	169	581450	41.550	ng	98
67) 4-Bromophenyl-phenylether	11.016	248	239761	42.978	ng	97
68) Hexachlorobenzene	11.080	284	276120	44.661	ng	# 87
69) Atrazine	11.169	200	136738	33.045	ng	99
70) Pentachlorophenol	11.274	266	315758	95.384	ng	98
71) Phenanthrene	11.504	178	1010051	40.767	ng	99
72) Anthracene	11.551	178	1034042	42.450	ng	99
73) Carbazole	11.710	167	884043	43.111	ng	99
74) Di-n-butylphthalate	12.033	149	1002837	43.802	ng	100
75) Fluoranthene	12.692	202	1139305	41.782	ng	99
77) Benzidine	12.815	184	73368	11.329	ng	100
78) Pyrene	12.927	202	1150464	39.974	ng	100
80) Butylbenzylphthalate	13.545	149	386164	49.743	ng	# 84
81) Benzo(a)anthracene	14.121	228	910052	41.472	ng	99
82) 3,3'-Dichlorobenzidine	14.080	252	210365	35.400	ng	96
83) Chrysene	14.157	228	851726	40.374	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	453506	52.274	ng	99
85) Di-n-octyl phthalate	14.721	149	559647	47.917	ng	# 95
87) Indeno(1,2,3-cd)pyrene	17.203	276	720836	37.203	ng	99
88) Benzo(b)fluoranthene	15.198	252	752397	45.643	ng	100
89) Benzo(k)fluoranthene	15.233	252	699573	39.096	ng	99
90) Benzo(a)pyrene	15.586	252	627285	45.855	ng	98
91) Dibenzo(a,h)anthracene	17.227	278	612563	38.775	ng	98
92) Benzo(g,h,i)perylene	17.680	276	590150	39.824	ng	98

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

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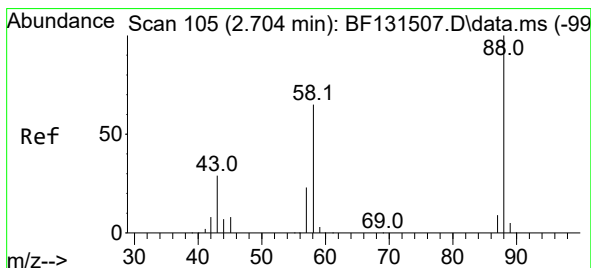
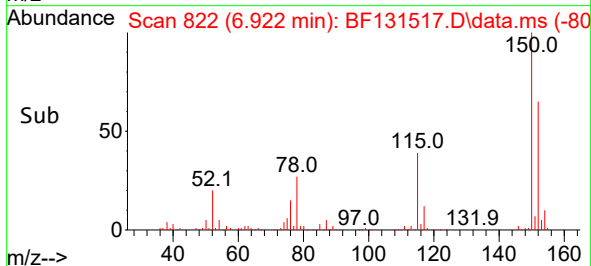
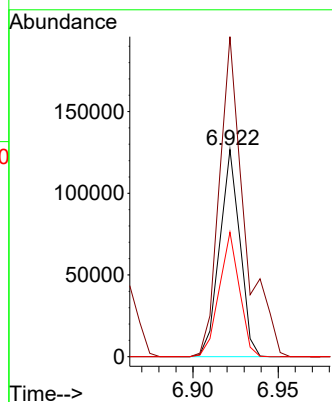
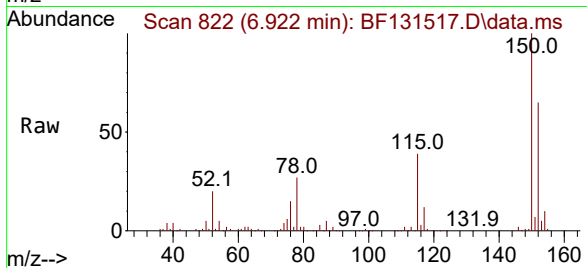




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131517.D
 Acq: 06 Dec 2022 00:31

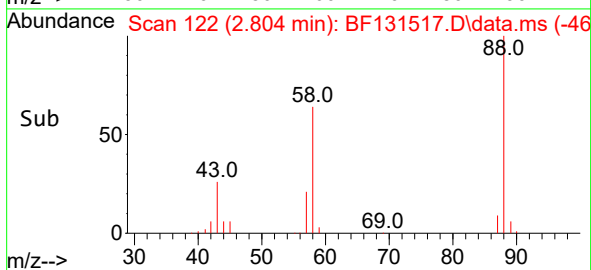
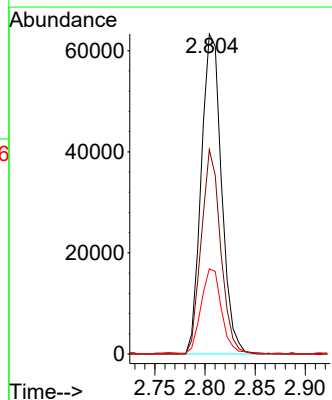
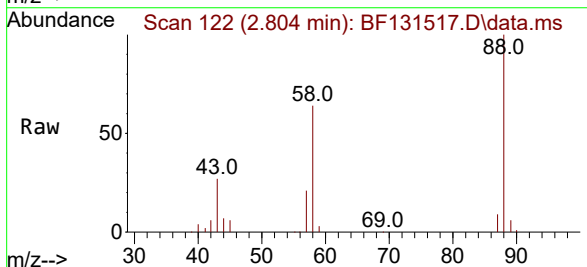
Instrument :
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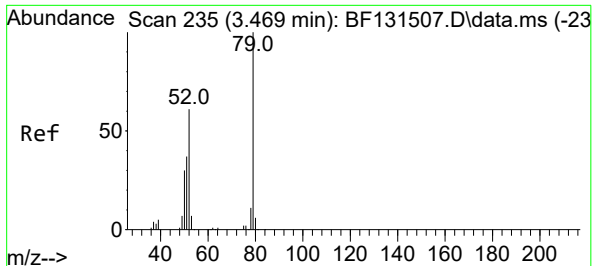
Tgt Ion:152 Resp: 105020
 Ion Ratio Lower Upper
 152 100
 150 154.4 121.9 182.9
 115 60.1 50.4 75.6



#2
 1,4-Dioxane
 Concen: 33.919 ng
 RT: 2.804 min Scan# 122
 Delta R.T. 0.100 min
 Lab File: BF131517.D
 Acq: 06 Dec 2022 00:31

Tgt Ion: 88 Resp: 89296
 Ion Ratio Lower Upper
 88 100
 58 60.9 52.9 79.3
 43 27.0 23.8 35.6

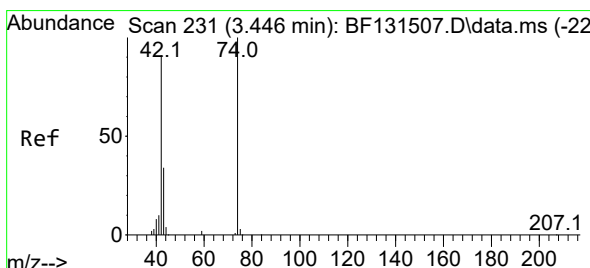
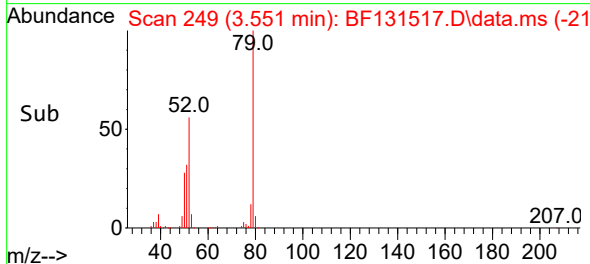
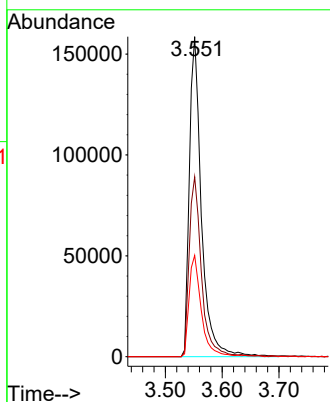
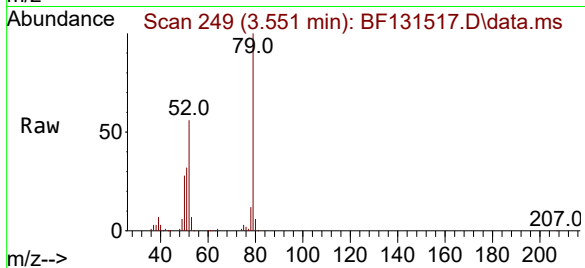




#3
Pyridine
Concen: 31.980 ng
RT: 3.551 min Scan# 24
Delta R.T. 0.082 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

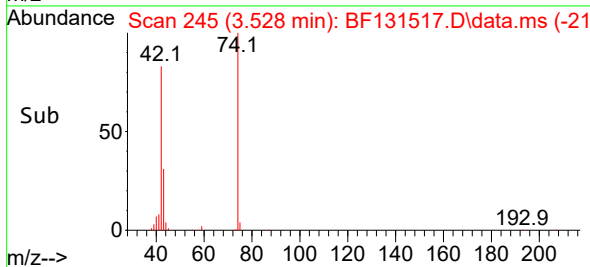
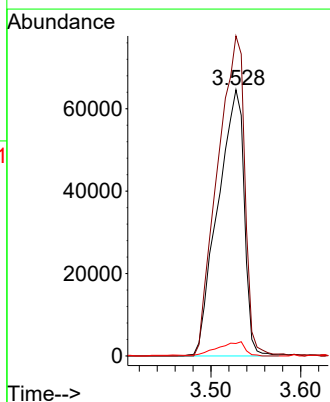
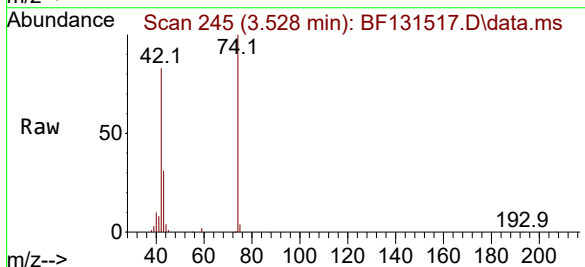
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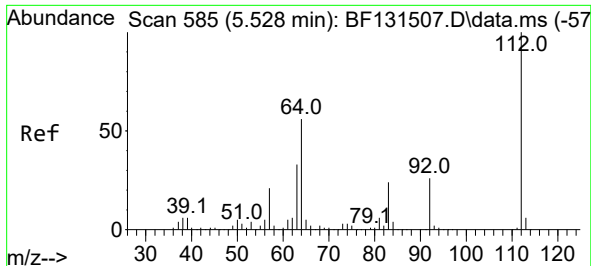
Tgt Ion: 79 Resp: 235014
Ion Ratio Lower Upper
79 100
52 56.2 48.5 72.7
51 31.6 29.4 44.0



#4
n-Nitrosodimethylamine
Concen: 34.956 ng
RT: 3.528 min Scan# 245
Delta R.T. 0.082 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion: 42 Resp: 131645
Ion Ratio Lower Upper
42 100
74 120.2 88.1 132.1
44 4.7 3.7 5.5

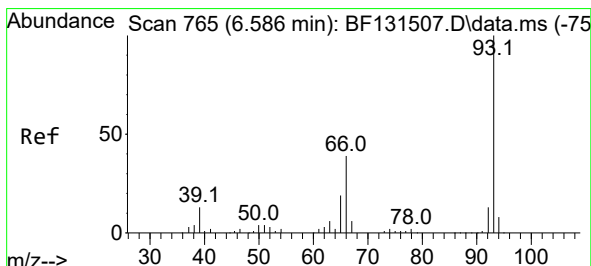
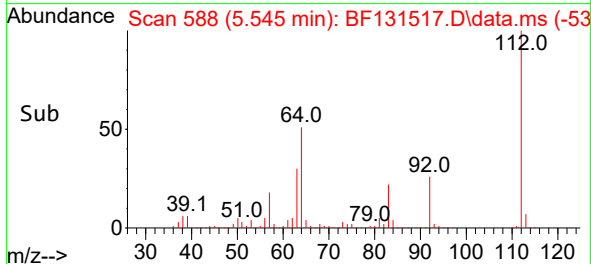
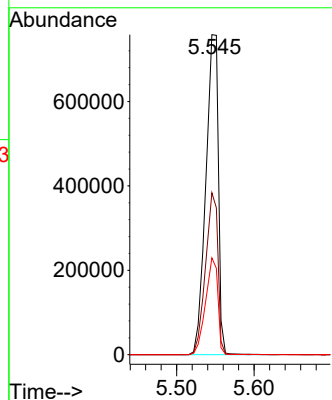
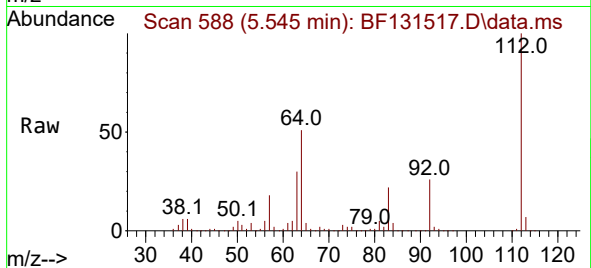




#5
2-Fluorophenol
Concen: 138.858 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.018 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

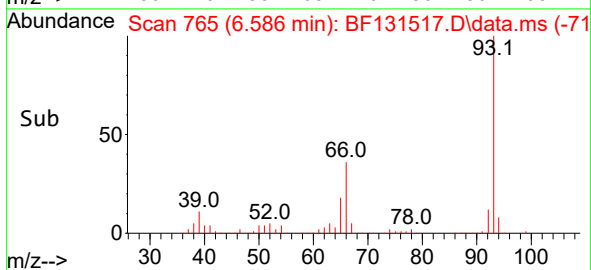
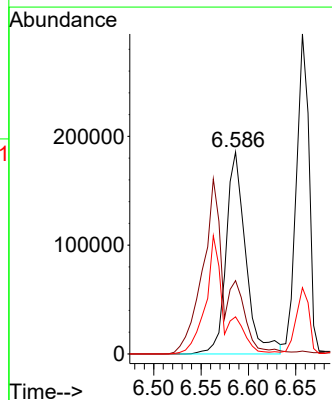
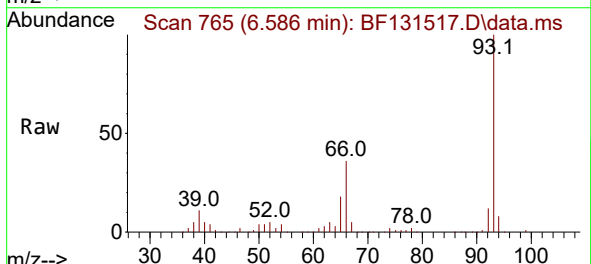
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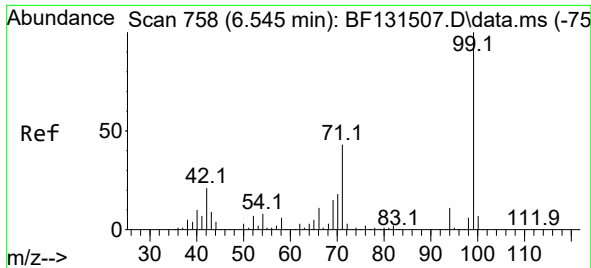
Tgt Ion:112 Resp: 853958
Ion Ratio Lower Upper
112 100
64 50.6 44.5 66.7
63 30.2 26.7 40.1



#6
Aniline
Concen: 28.294 ng
RT: 6.586 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion: 93 Resp: 268244
Ion Ratio Lower Upper
93 100
66 36.3 32.6 49.0
65 18.4 15.8 23.8

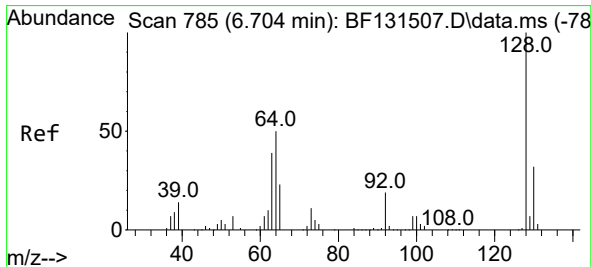
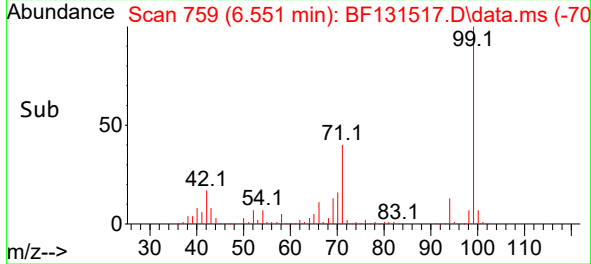
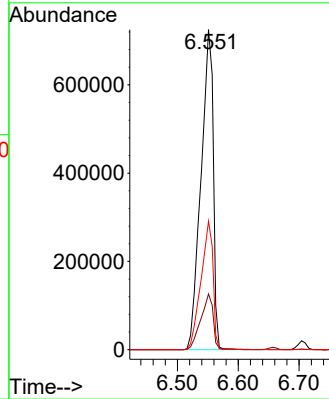
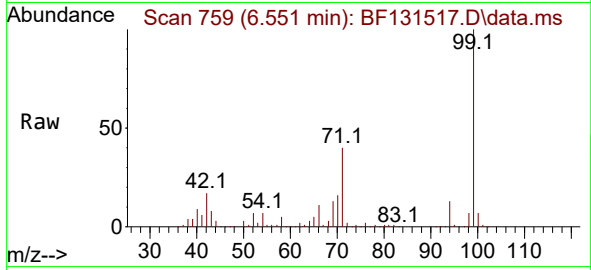




#7
Phenol-d6
Concen: 131.841 ng
RT: 6.551 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

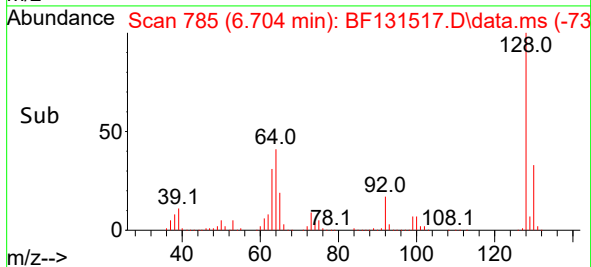
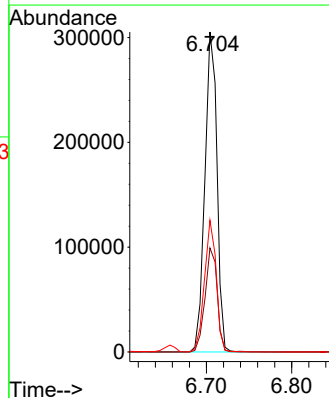
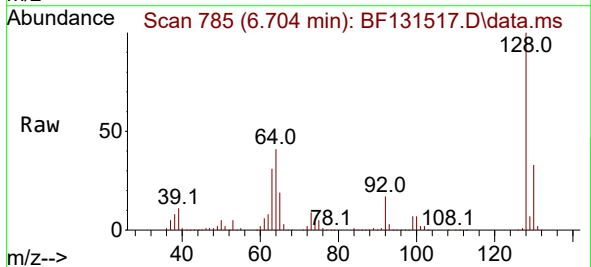
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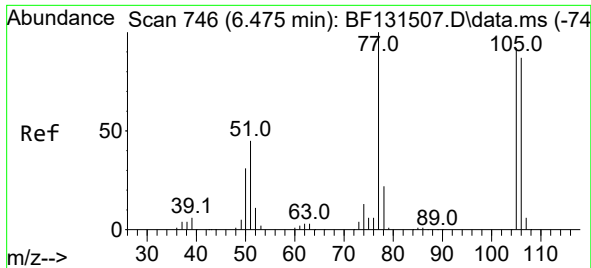
Tgt Ion: 99 Resp: 1012496
Ion Ratio Lower Upper
99 100
42 17.4 16.6 25.0
71 40.1 34.4 51.6



#8
2-Chlorophenol
Concen: 45.852 ng
RT: 6.704 min Scan# 785
Delta R.T. -0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion: 128 Resp: 301124
Ion Ratio Lower Upper
128 100
130 32.5 11.9 51.9
64 41.2 31.7 71.7





#9

Benzaldehyde

Concen: 11.707 ng

RT: 6.469 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF131517.D

Acq: 06 Dec 2022 00:31

Instrument :

BNA_F

ClientSampleId :

PB149384BSD

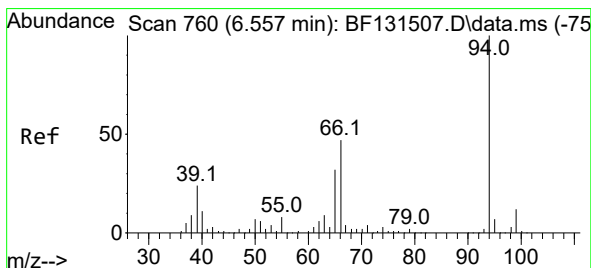
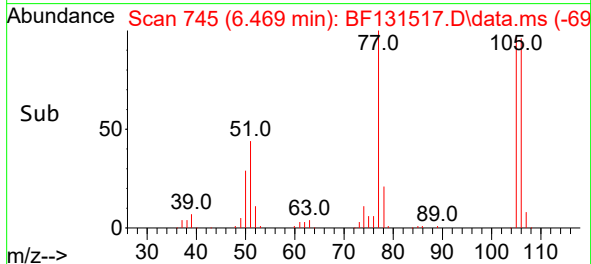
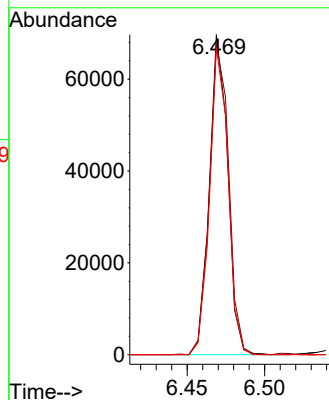
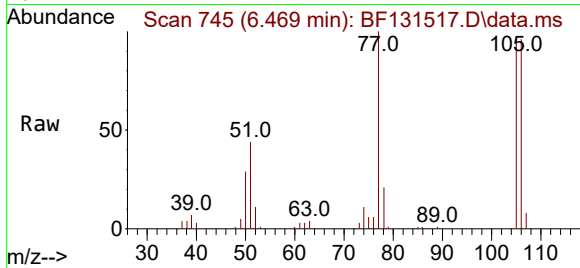
Tgt Ion: 77 Resp: 57385

Ion Ratio Lower Upper

77 100

105 97.0 71.9 111.9

106 95.9 67.2 107.2



#10

Phenol

Concen: 43.021 ng

RT: 6.563 min Scan# 761

Delta R.T. 0.006 min

Lab File: BF131517.D

Acq: 06 Dec 2022 00:31

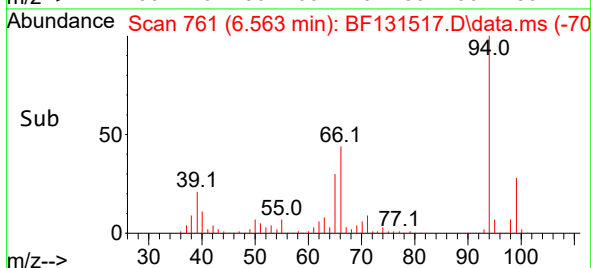
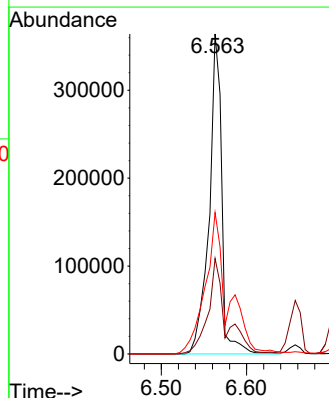
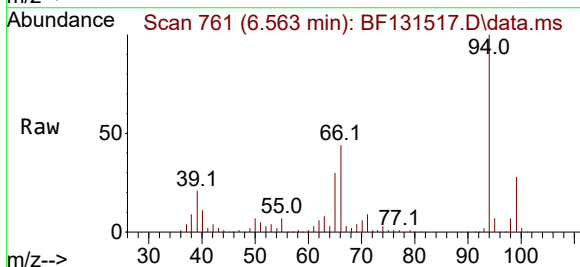
Tgt Ion: 94 Resp: 373742

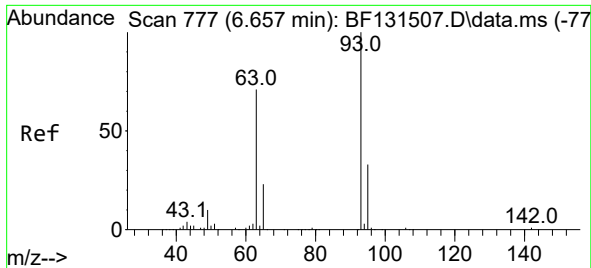
Ion Ratio Lower Upper

94 100

65 29.8 12.1 52.1

66 44.2 27.1 67.1

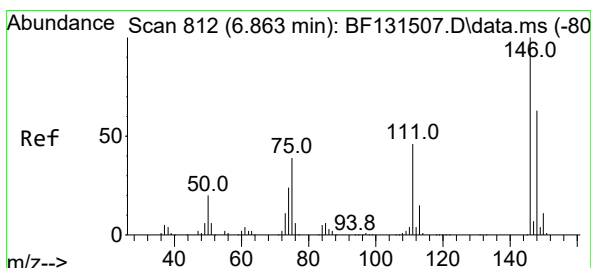
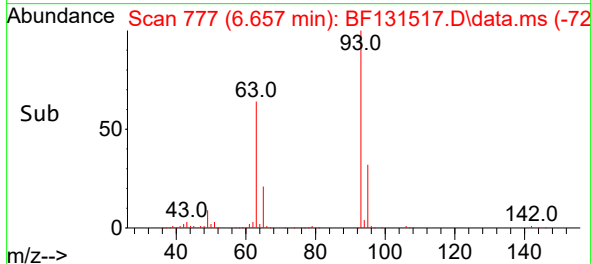
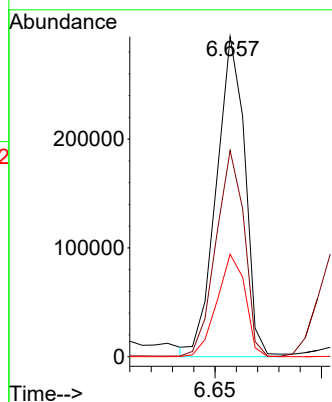
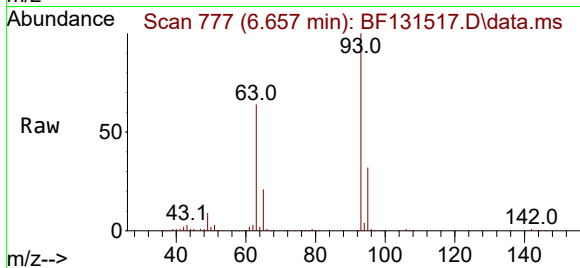




#11
bis(2-Chloroethyl)ether
Concen: 42.672 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

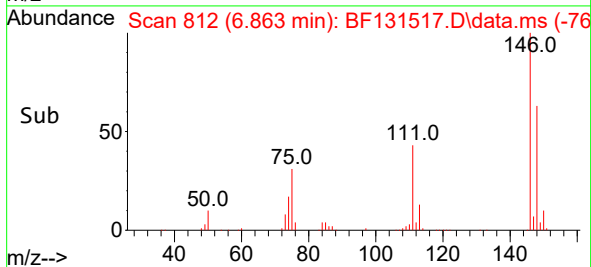
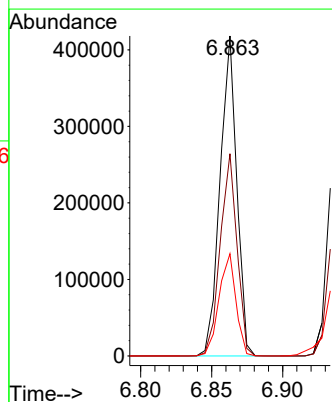
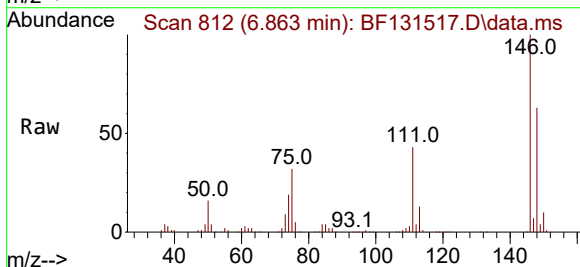
Instrument :
BNA_F
ClientSampleId :
PB149384BSD

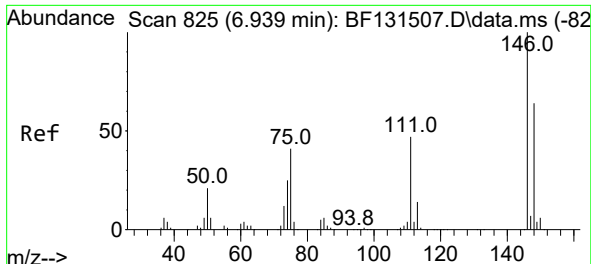
Tgt Ion: 93 Resp: 273802
Ion Ratio Lower Upper
93 100
63 64.4 51.2 91.2
95 32.0 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 44.552 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion: 146 Resp: 341514
Ion Ratio Lower Upper
146 100
148 63.2 50.2 75.4
75 32.0 31.4 47.2

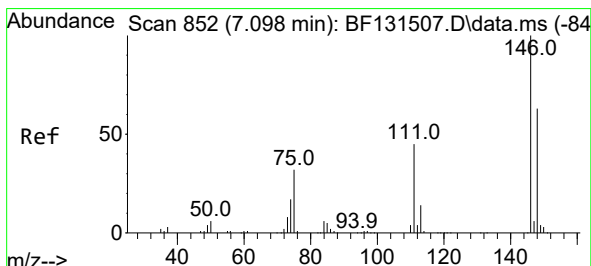
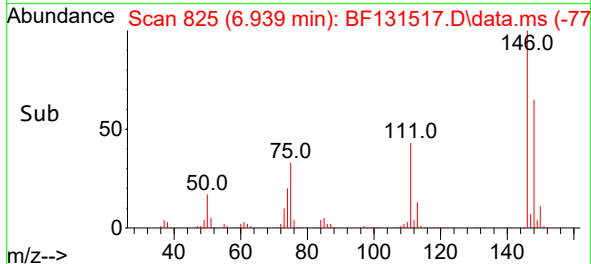
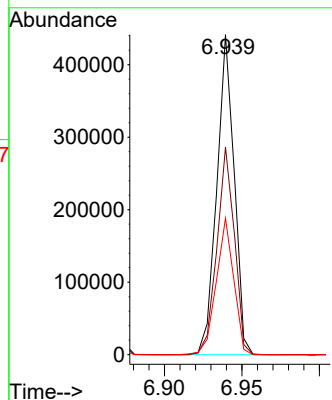
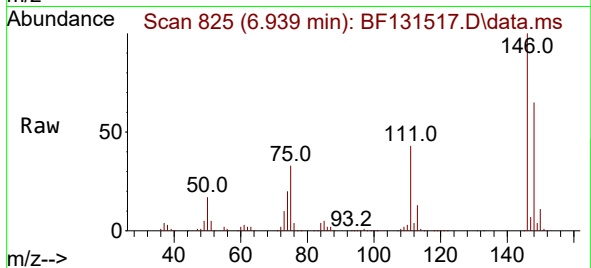




#13
1,4-Dichlorobenzene
Concen: 43.908 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

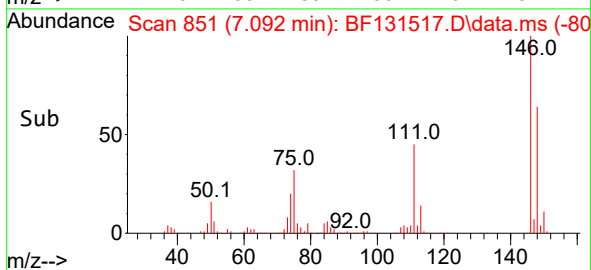
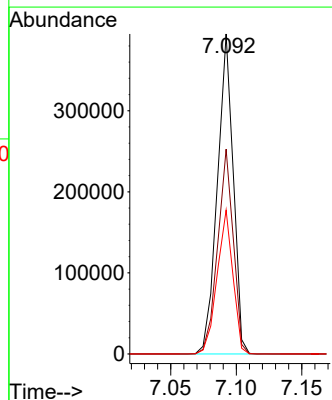
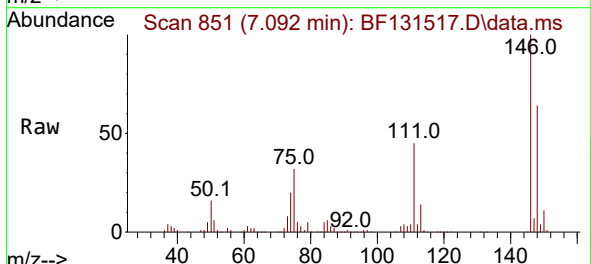
Instrument :
BNA_F
ClientSampleId :
PB149384BSD

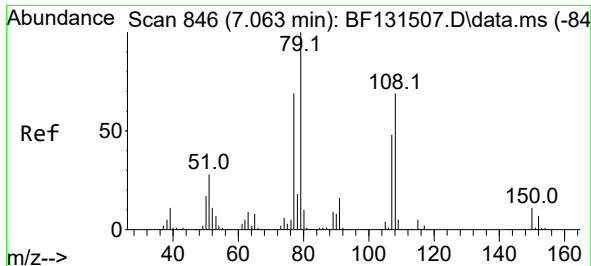
Tgt Ion:146 Resp: 343986
Ion Ratio Lower Upper
146 100
148 64.9 50.9 76.3
111 42.6 37.6 56.4



#14
1,2-Dichlorobenzene
Concen: 45.339 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion:146 Resp: 330948
Ion Ratio Lower Upper
146 100
148 64.0 50.6 75.8
111 44.9 36.1 54.1

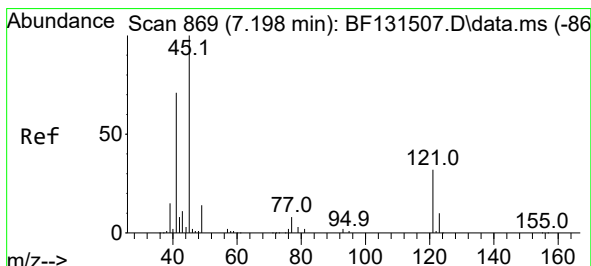
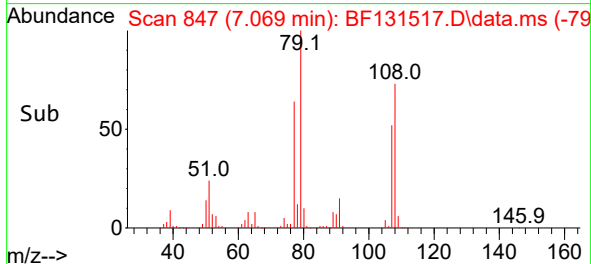
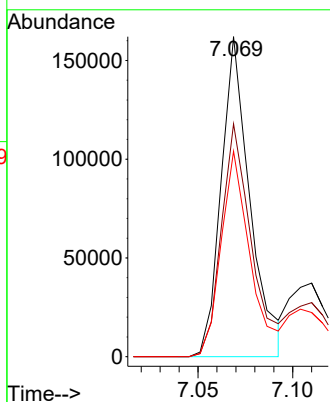
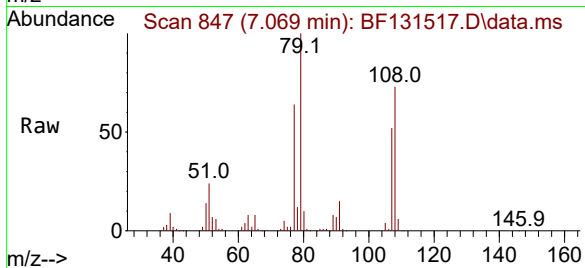




#15
Benzyl Alcohol
Concen: 26.654 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

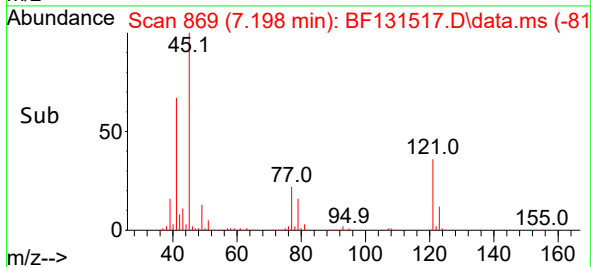
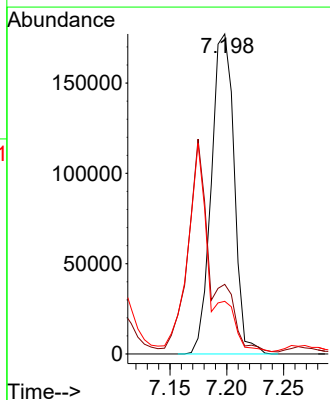
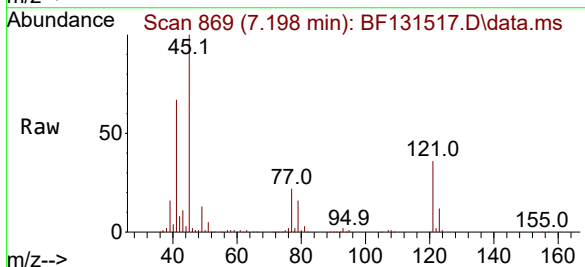
Instrument :
BNA_F
ClientSampleId :
PB149384BSD

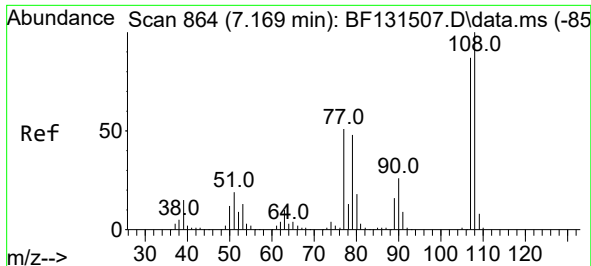
Tgt Ion: 79 Resp: 171209
Ion Ratio Lower Upper
79 100
108 72.8 55.1 82.7
77 64.2 55.4 83.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.301 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion: 45 Resp: 247189
Ion Ratio Lower Upper
45 100
77 21.8 1.8 41.8
79 16.4 0.0 36.4

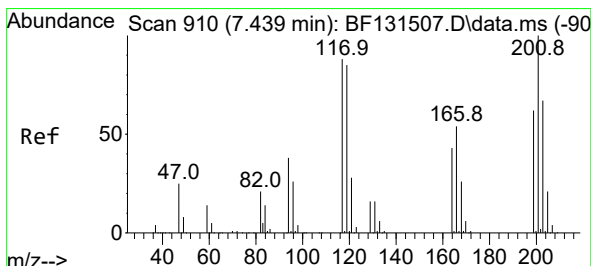
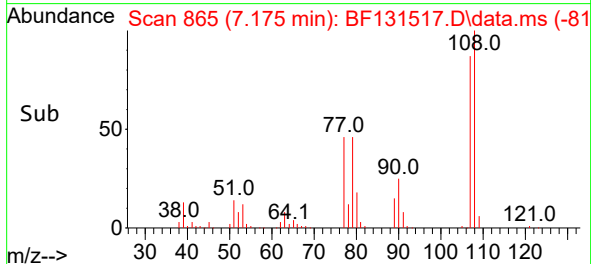
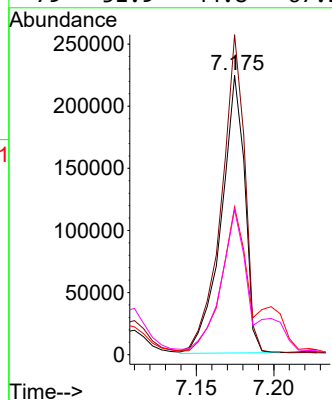
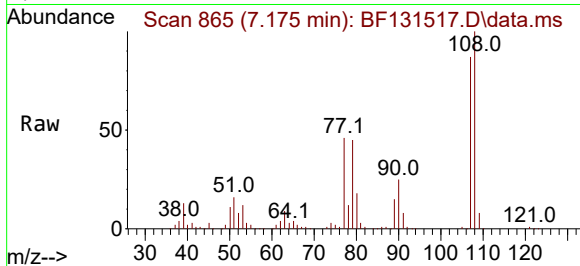




#17
2-Methylphenol
Concen: 43.084 ng
RT: 7.175 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

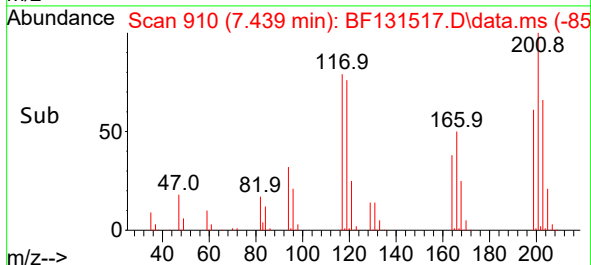
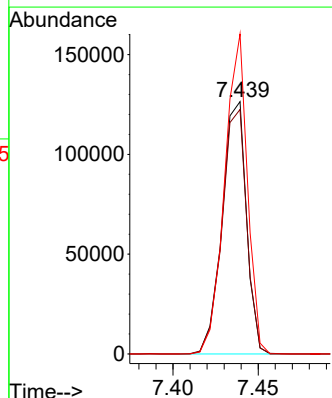
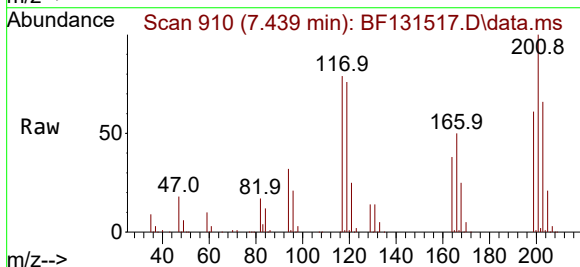
Instrument :
BNA_F
ClientSampleId :
PB149384BSD

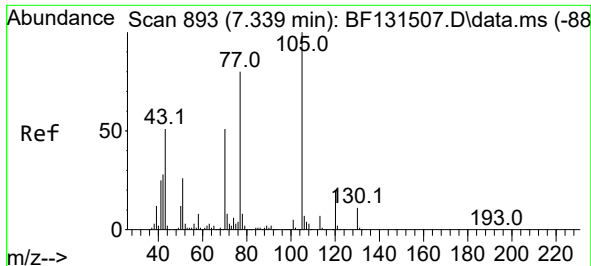
Tgt Ion:107 Resp: 236342
Ion Ratio Lower Upper
107 100
108 114.5 92.1 138.1
77 52.9 47.0 70.4
79 51.9 44.8 67.2



#18
Hexachloroethane
Concen: 42.992 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion:117 Resp: 125132
Ion Ratio Lower Upper
117 100
119 96.9 77.8 116.8
201 126.8 91.1 136.7

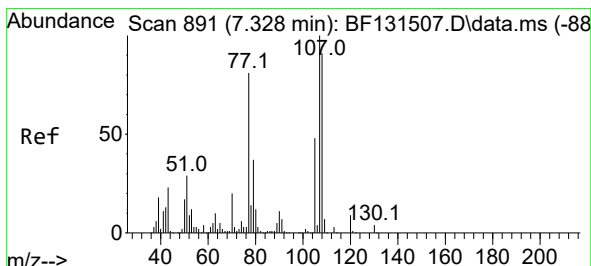
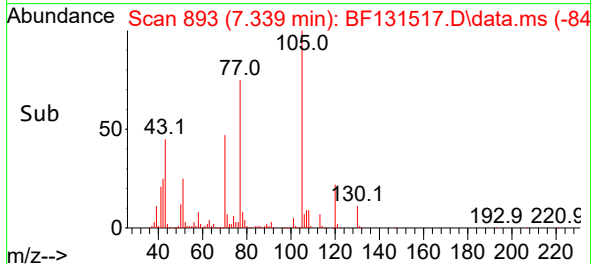
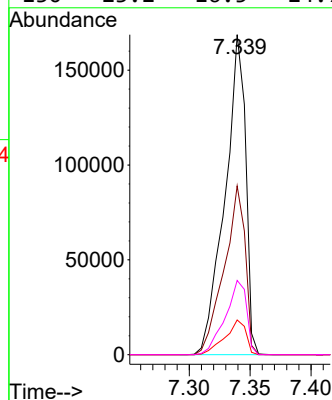
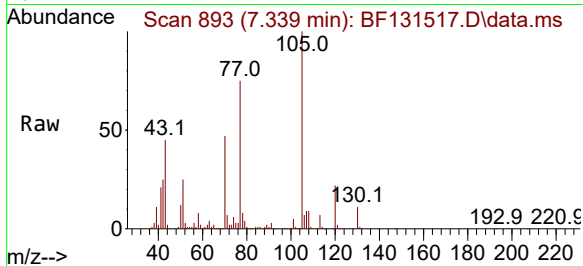




#19
n-Nitroso-di-n-propylamine
Concen: 38.307 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

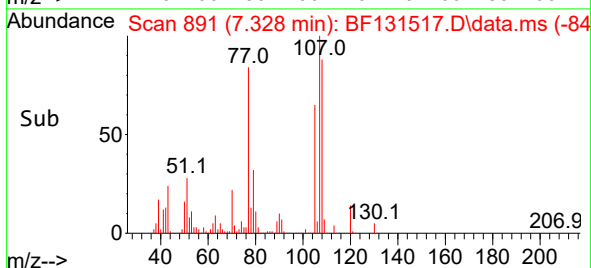
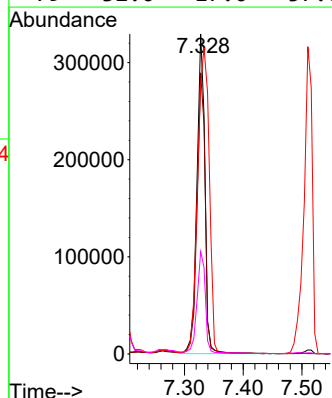
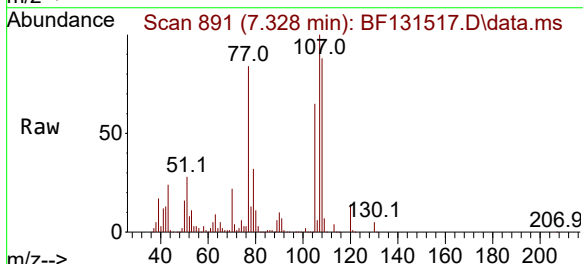
Instrument :
BNA_F
ClientSampleId :
PB149384BSD

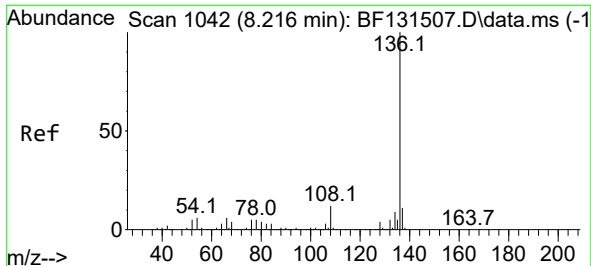
Tgt Ion: 70 Resp: 199102
Ion Ratio Lower Upper
70 100
42 52.8 44.1 66.1
101 10.8 7.7 11.5
130 23.2 16.5 24.7



#20
3+4-Methylphenols
Concen: 41.922 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion: 107 Resp: 310995
Ion Ratio Lower Upper
107 100
108 87.8 70.8 110.8
77 84.1 60.7 100.7
79 32.0 17.0 57.0

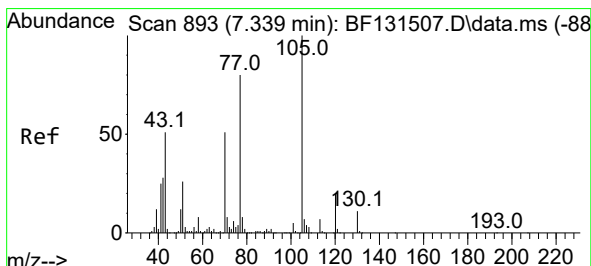
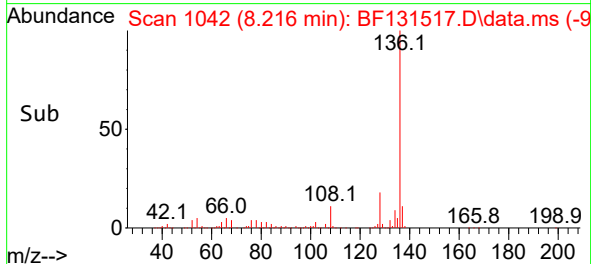
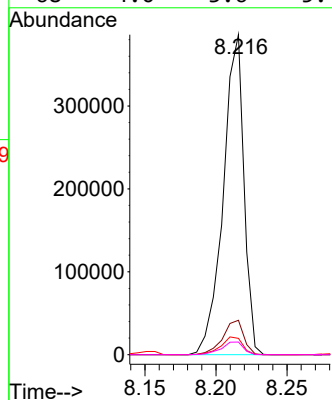
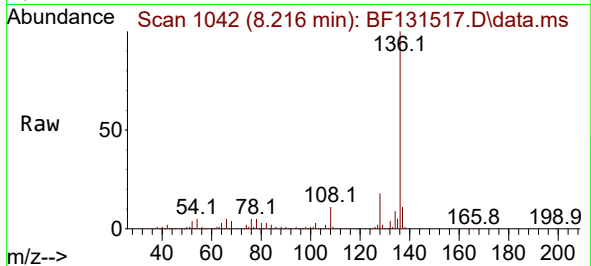




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

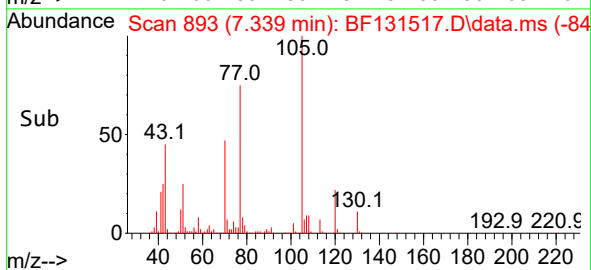
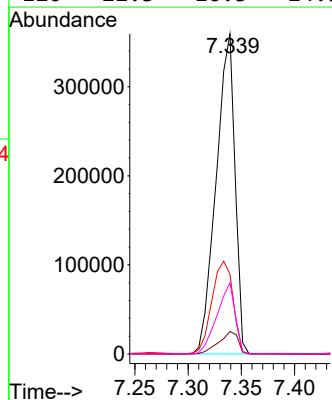
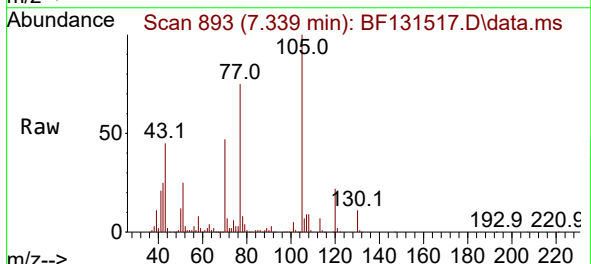
Instrument :
BNA_F
ClientSampleId :
PB149384BSD

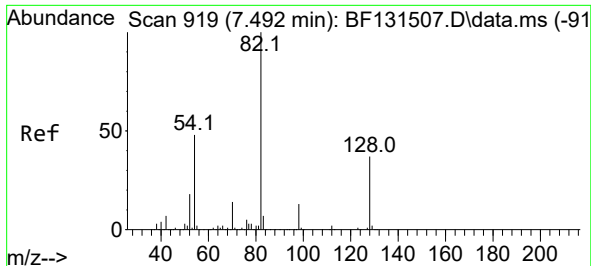
Tgt Ion:136 Resp: 390313
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 5.1 5.0 7.6
68 4.0 3.6 5.4



#22
Acetophenone
Concen: 41.736 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion:105 Resp: 442042
Ion Ratio Lower Upper
105 100
71 7.0 6.6 10.0
51 24.9 21.0 31.6
120 22.3 16.3 24.5

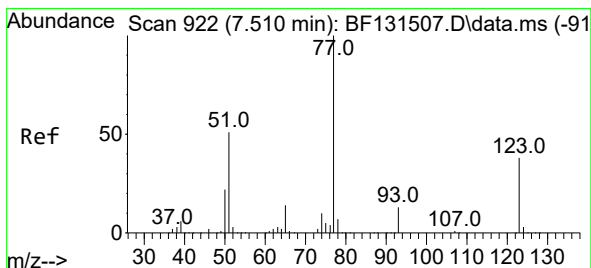
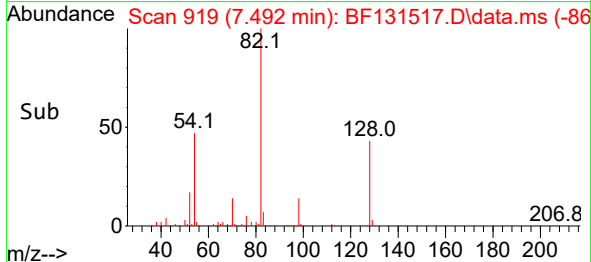
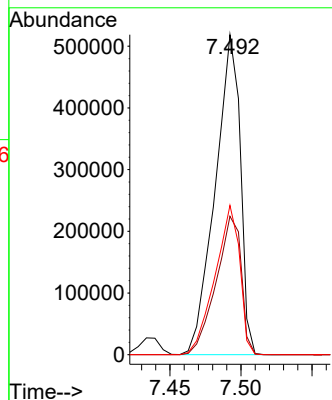
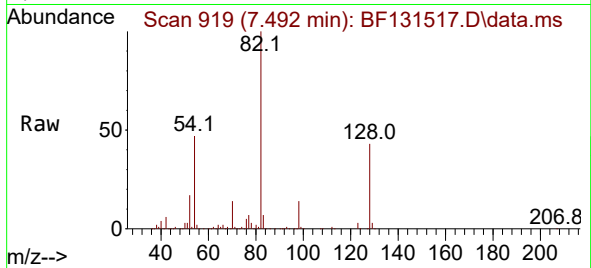




#23
Nitrobenzene-d5
Concen: 74.768 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

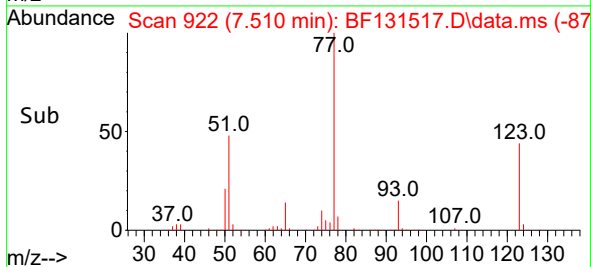
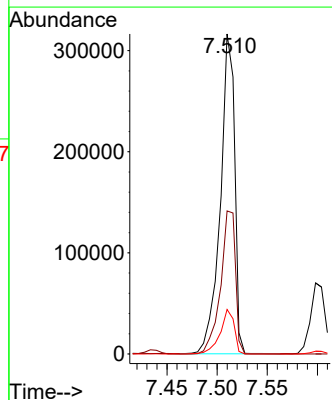
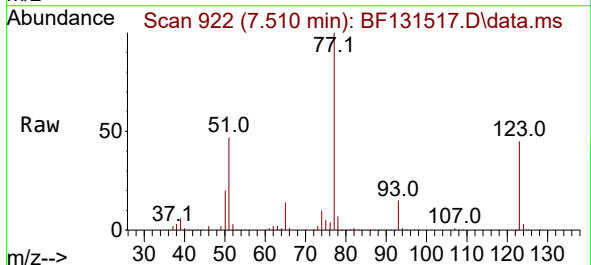
Instrument :
BNA_F
ClientSampleId :
PB149384BSD

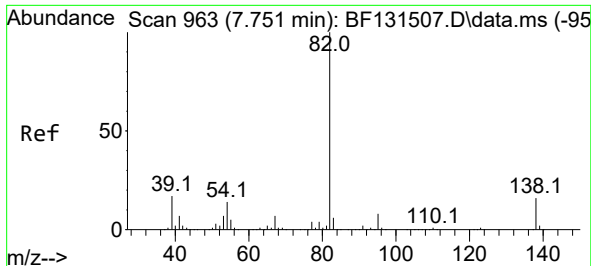
Tgt Ion: 82 Resp: 635847
Ion Ratio Lower Upper
82 100
128 43.3 29.7 44.5
54 46.7 38.7 58.1



#24
Nitrobenzene
Concen: 36.504 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion: 77 Resp: 313226
Ion Ratio Lower Upper
77 100
123 44.7 31.0 46.4
65 13.9 11.4 17.2

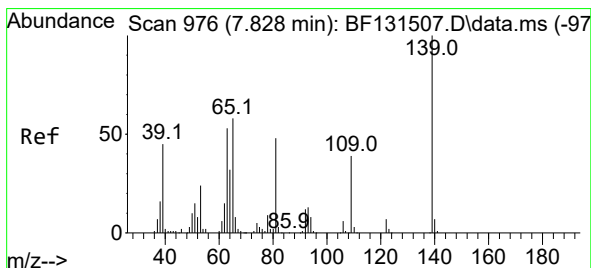
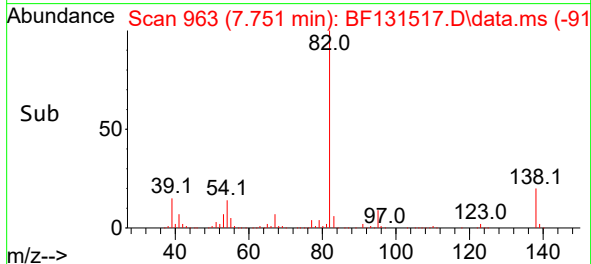
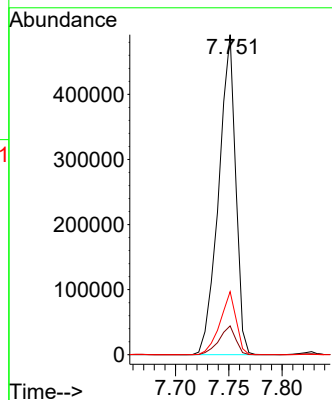
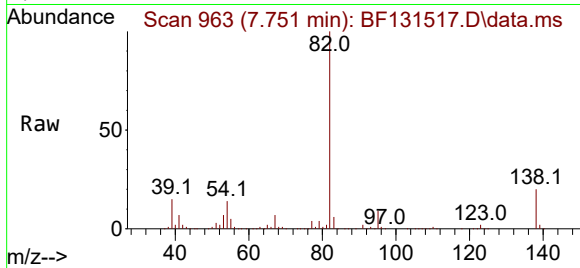




#25
Isophorone
Concen: 41.069 ng
RT: 7.751 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

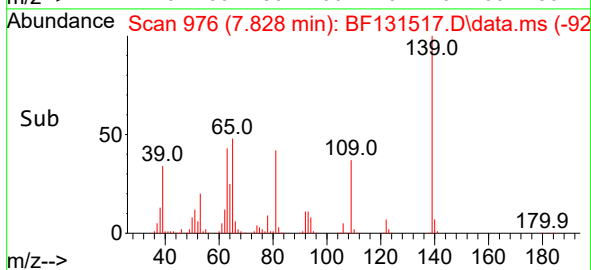
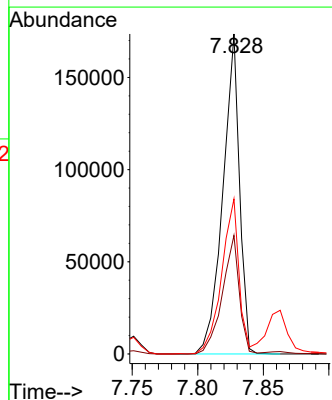
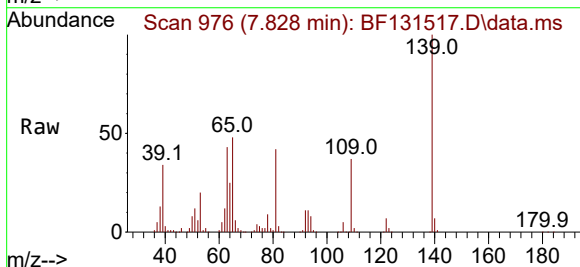
Instrument :
BNA_F
ClientSampleId :
PB149384BSD

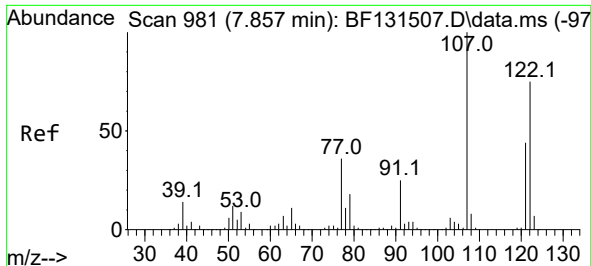
Tgt Ion: 82 Resp: 543291
Ion Ratio Lower Upper
82 100
95 9.0 6.6 9.8
138 19.7 12.7 19.1#



#26
2-Nitrophenol
Concen: 48.646 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion: 139 Resp: 152830
Ion Ratio Lower Upper
139 100
109 37.1 31.6 47.4
65 48.4 46.8 70.2





#27

2,4-Dimethylphenol

Concen: 52.245 ng

RT: 7.863 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF131517.D

Acq: 06 Dec 2022 00:31

Instrument :

BNA_F

ClientSampleId :

PB149384BSD

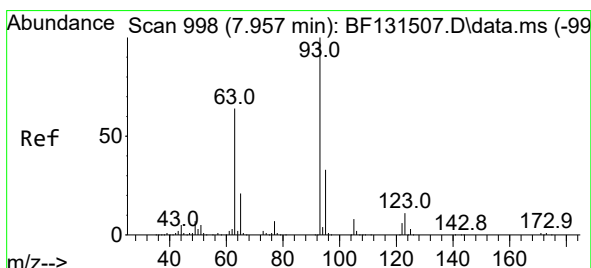
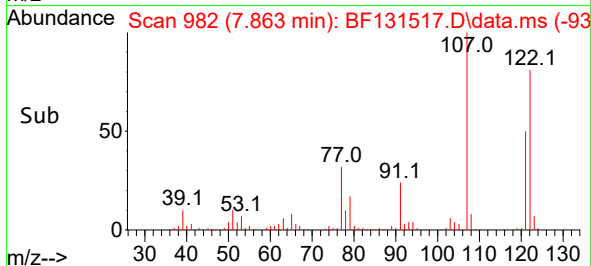
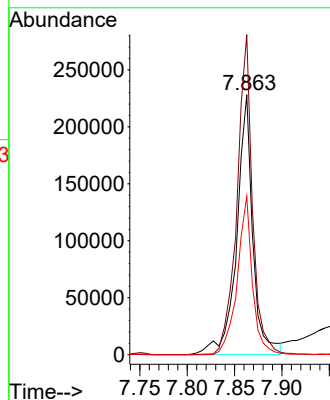
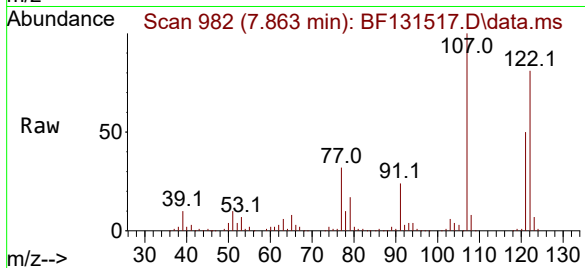
Tgt Ion:122 Resp: 269489

Ion Ratio Lower Upper

122 100

107 123.0 106.8 160.2

121 60.9 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 44.624 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.006 min

Lab File: BF131517.D

Acq: 06 Dec 2022 00:31

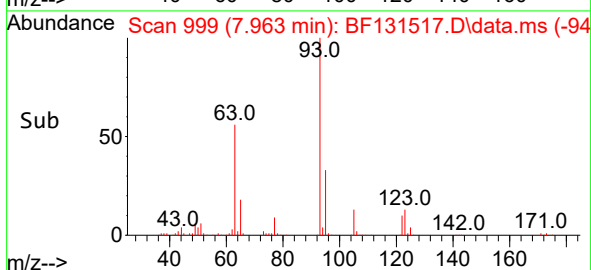
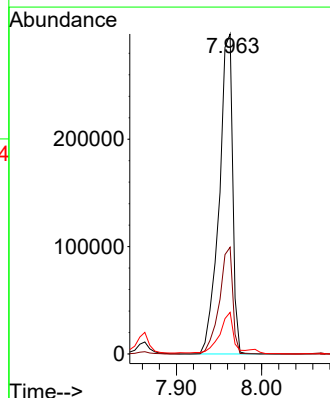
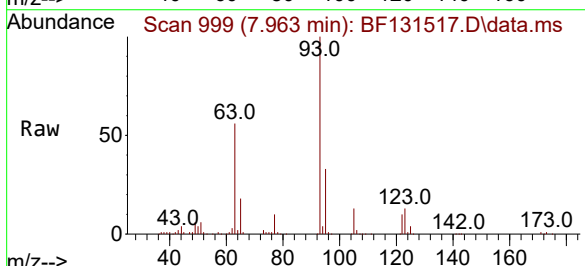
Tgt Ion: 93 Resp: 327257

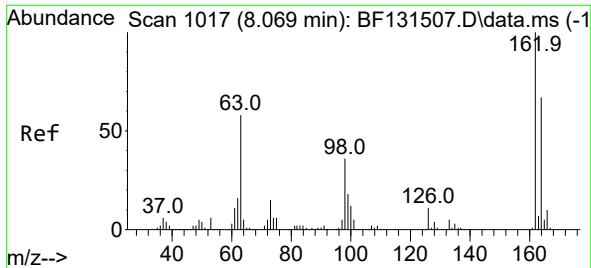
Ion Ratio Lower Upper

93 100

95 33.4 26.4 39.6

123 13.0 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 44.607 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.000 min

Lab File: BF131517.D

Acq: 06 Dec 2022 00:31

Instrument :

BNA_F

ClientSampleId :

PB149384BSD

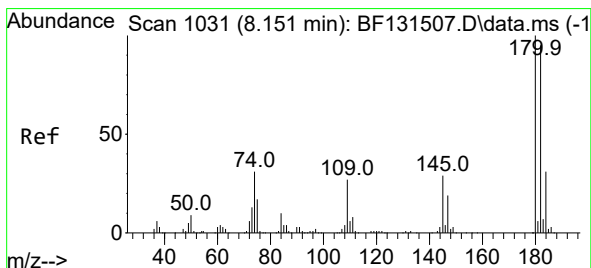
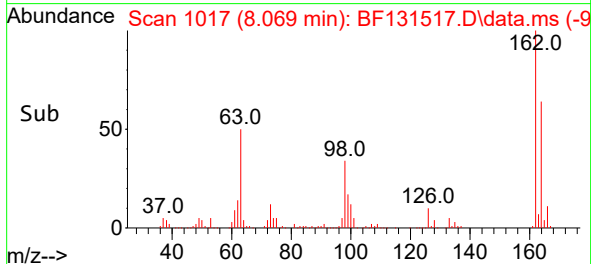
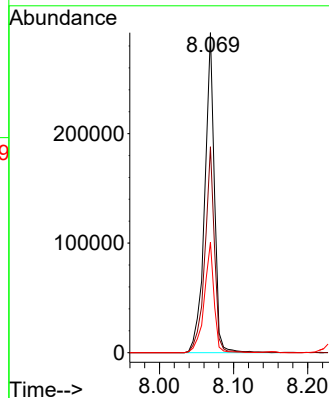
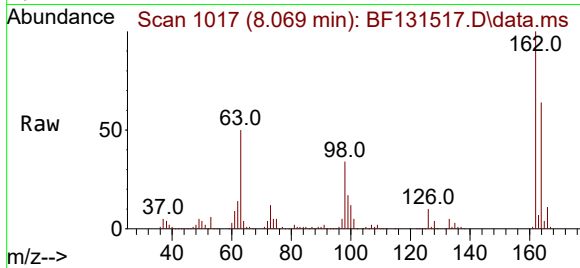
Tgt Ion:162 Resp: 266508

Ion Ratio Lower Upper

162 100

164 64.3 47.3 87.3

98 34.5 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 41.711 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BF131517.D

Acq: 06 Dec 2022 00:31

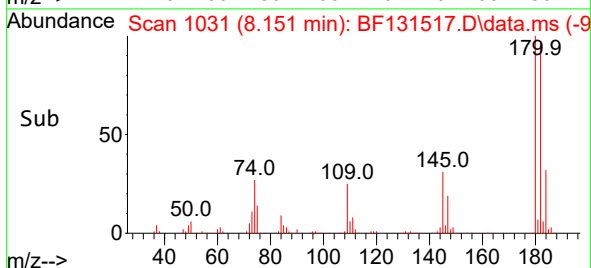
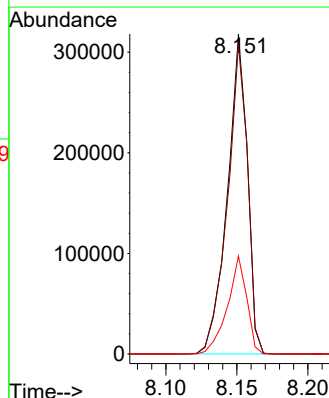
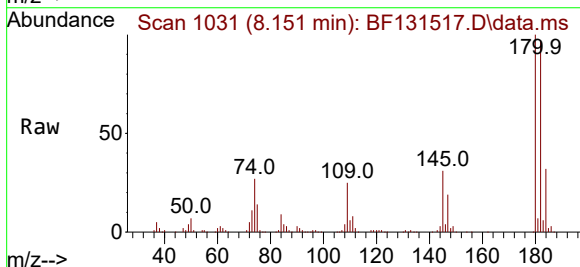
Tgt Ion:180 Resp: 311394

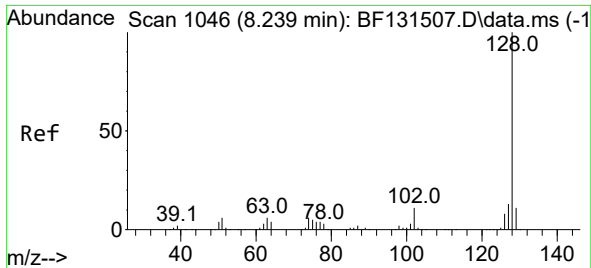
Ion Ratio Lower Upper

180 100

182 96.7 76.3 114.5

145 30.6 23.3 34.9

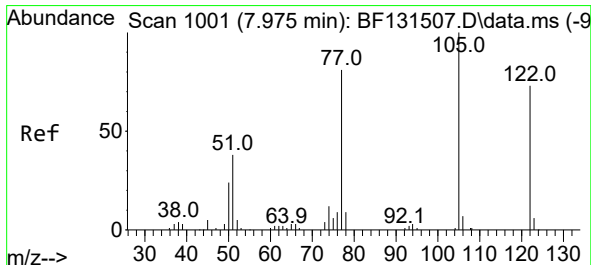
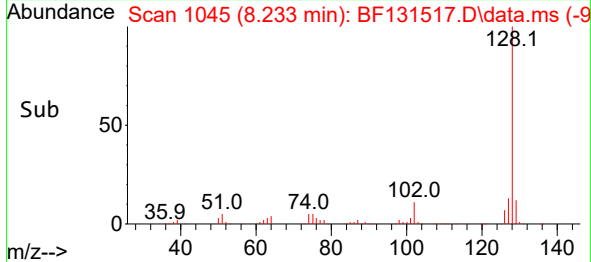
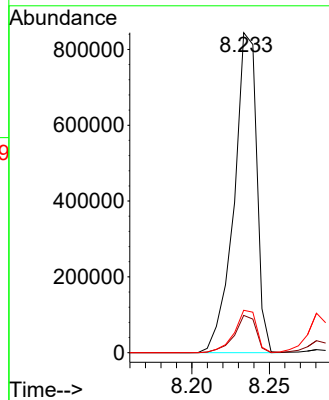
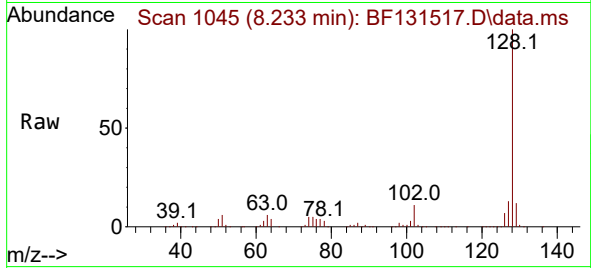




#31
Naphthalene
Concen: 39.784 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

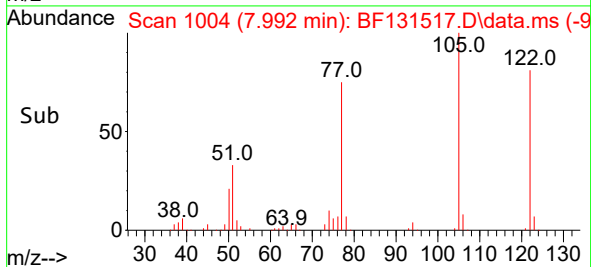
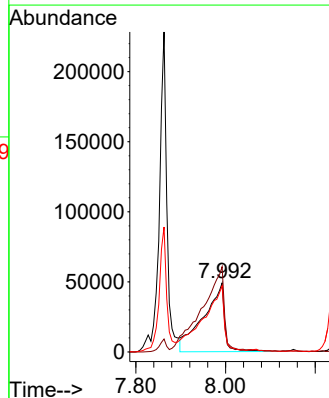
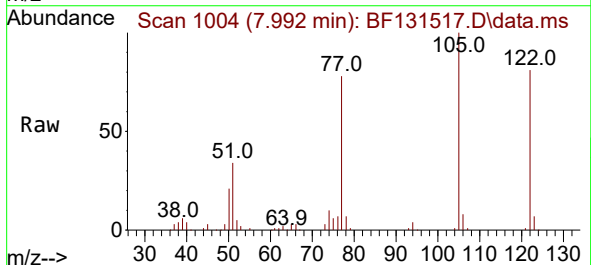
Instrument :
BNA_F
ClientSampleId :
PB149384BSD

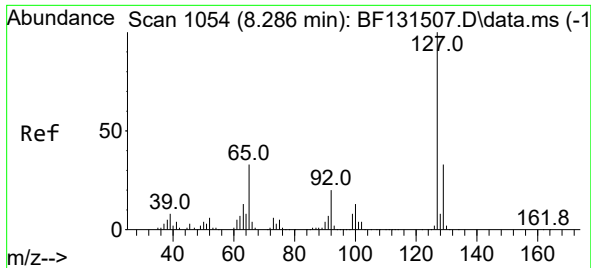
Tgt Ion:128 Resp: 858458
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 51.560 ng
RT: 7.992 min Scan# 1004
Delta R.T. 0.017 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion:122 Resp: 160387
Ion Ratio Lower Upper
122 100
105 123.6 114.0 154.0
77 95.9 90.3 130.3

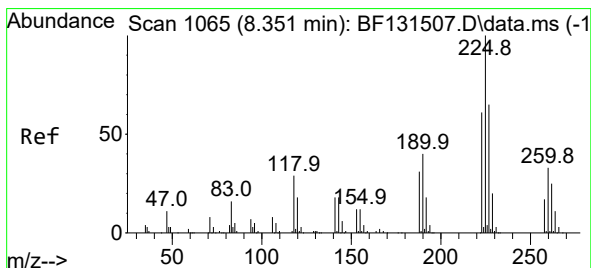
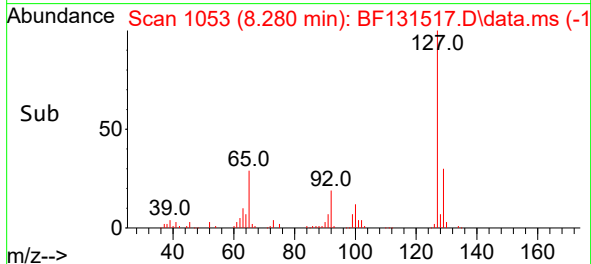
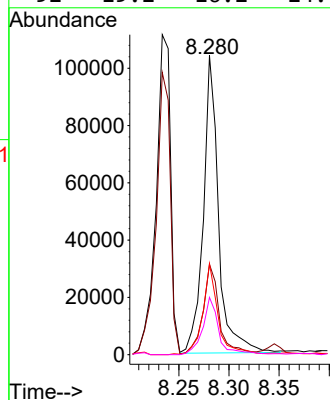
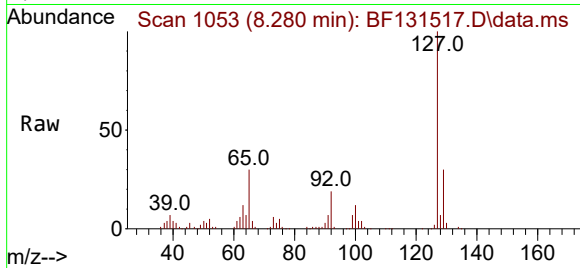




#33
4-Chloroaniline
Concen: 13.664 ng
RT: 8.280 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

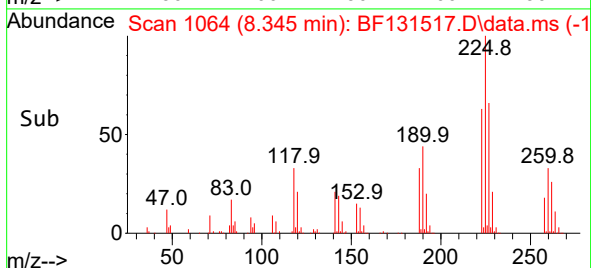
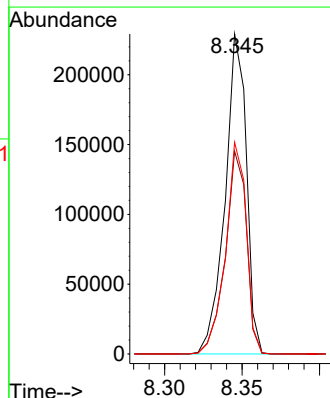
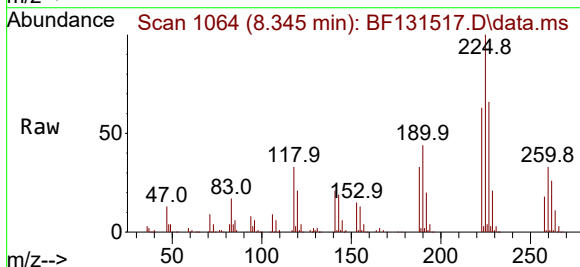
Instrument :
BNA_F
ClientSampleId :
PB149384BSD

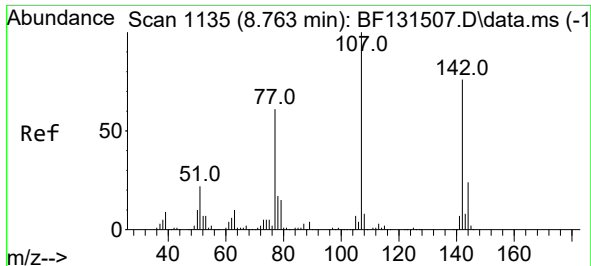
Tgt Ion:	127	Resp:	110435
Ion	Ratio	Lower	Upper
127	100		
129	30.2	26.5	39.7
65	30.4	26.4	39.6
92	19.2	16.2	24.4



#34
Hexachlorobutadiene
Concen: 41.030 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion:	225	Resp:	218778
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.2	73.8
227	66.1	51.7	77.5

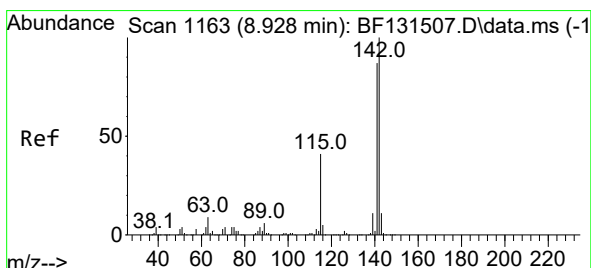
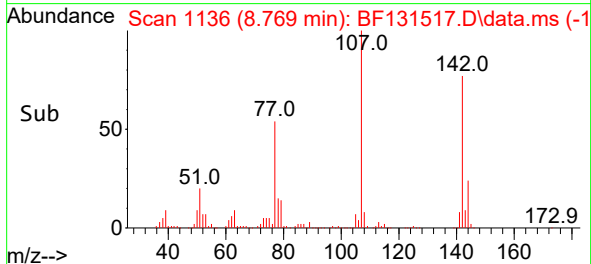
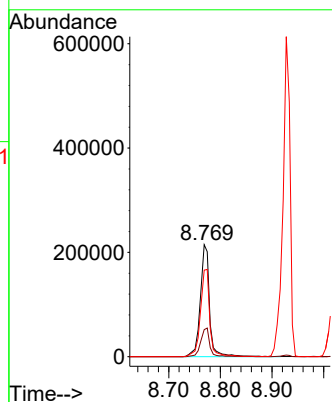
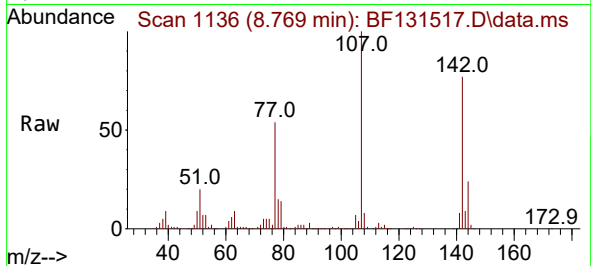




#36
4-Chloro-3-methylphenol
Concen: 41.714 ng
RT: 8.769 min Scan# 1135
Delta R.T. 0.006 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

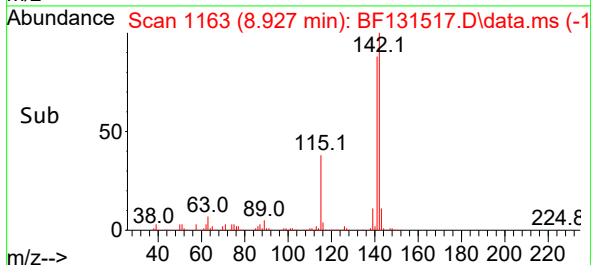
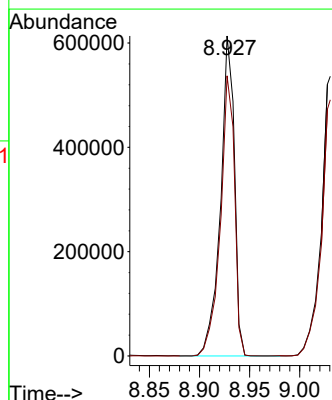
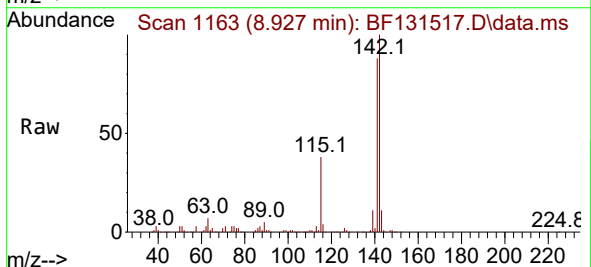
Instrument :
BNA_F
ClientSampleId :
PB149384BSD

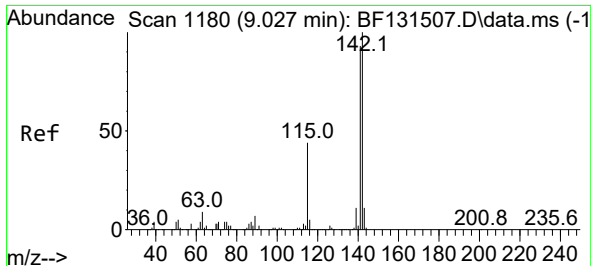
Tgt Ion:107 Resp: 266416
Ion Ratio Lower Upper
107 100
144 24.1 19.4 29.0
142 77.3 61.1 91.7



#37
2-Methylnaphthalene
Concen: 40.980 ng
RT: 8.927 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion:142 Resp: 591739
Ion Ratio Lower Upper
142 100
141 87.5 69.7 104.5





#38

1-Methylnaphthalene

Concen: 40.068 ng

RT: 9.033 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF131517.D

Acq: 06 Dec 2022 00:31

Instrument :

BNA_F

ClientSampleId :

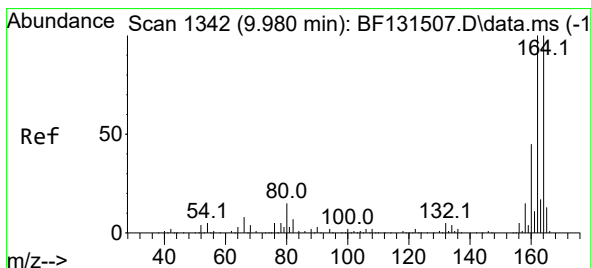
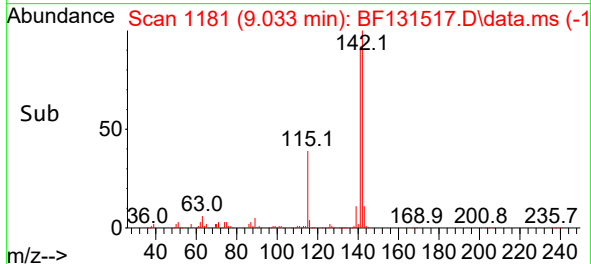
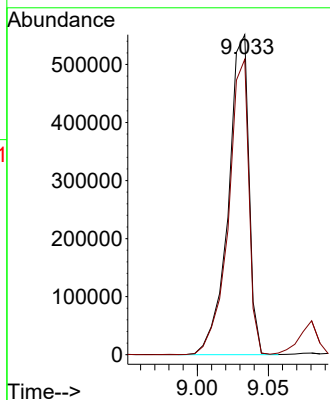
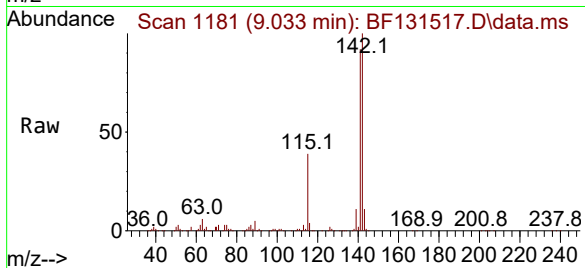
PB149384BSD

Tgt Ion:142 Resp: 555945

Ion Ratio Lower Upper

142 100

141 92.3 74.2 111.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.980 min Scan# 1342

Delta R.T. 0.000 min

Lab File: BF131517.D

Acq: 06 Dec 2022 00:31

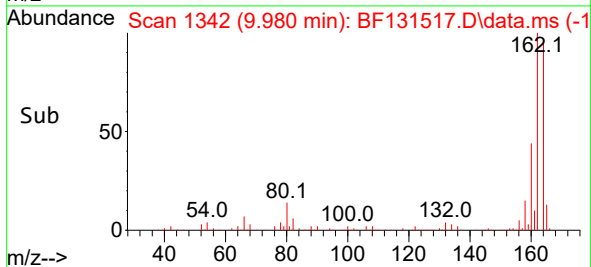
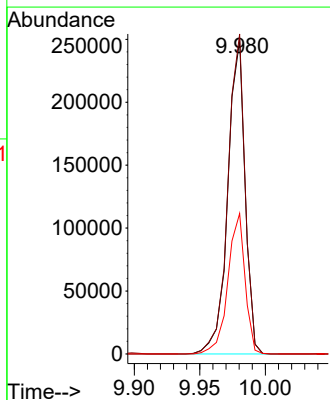
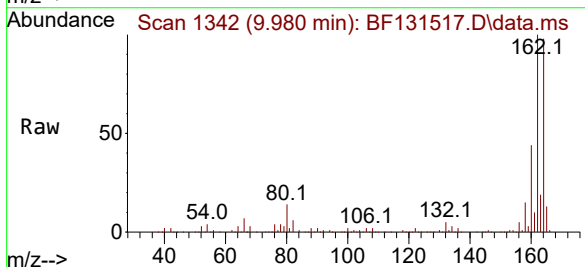
Tgt Ion:164 Resp: 228182

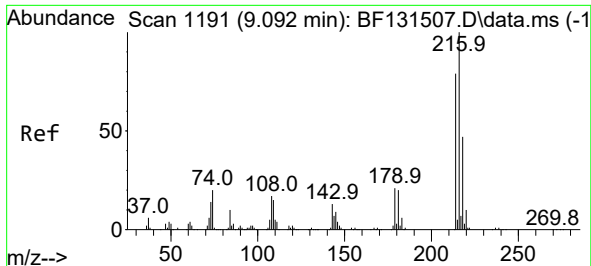
Ion Ratio Lower Upper

164 100

162 102.1 80.1 120.1

160 44.8 36.4 54.6



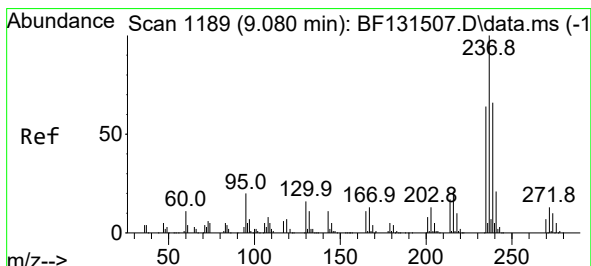
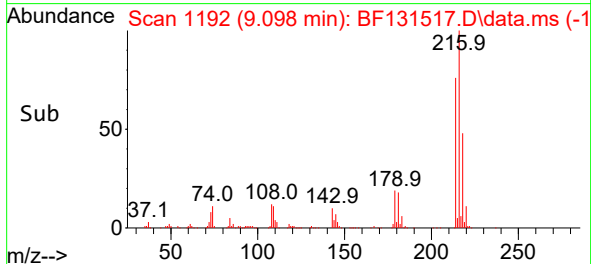
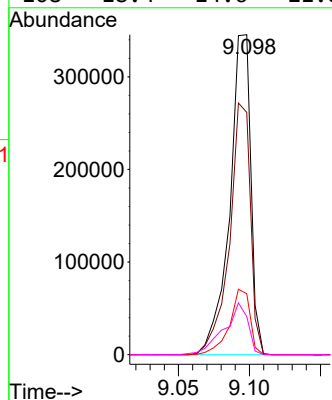
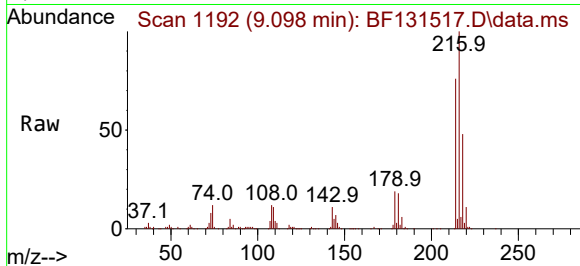


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.395 ng
RT: 9.098 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Instrument :
BNA_F
ClientSampleId :
PB149384BSD

Tgt Ion:216 Resp: 357360

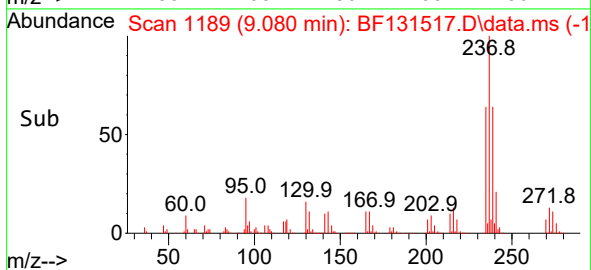
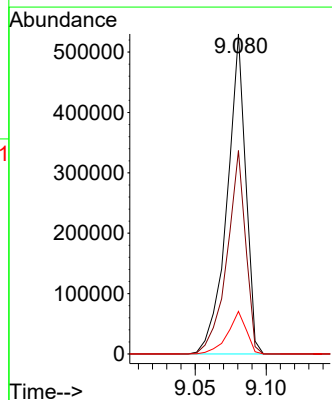
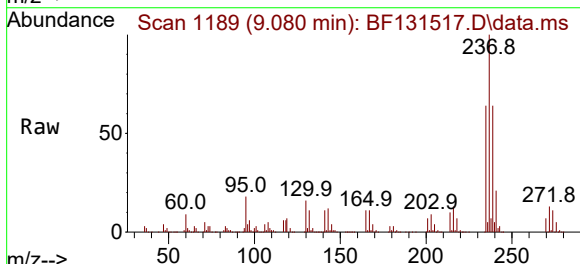
Ion	Ratio	Lower	Upper
216	100		
214	77.7	62.2	93.4
179	19.8	16.4	24.6
108	18.4	14.6	21.8

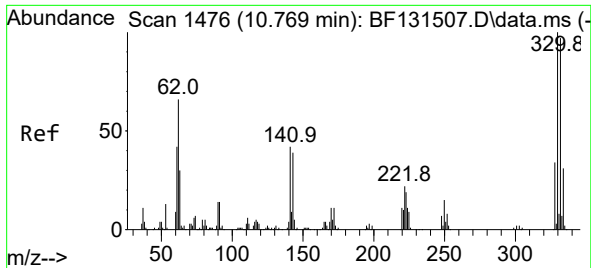


#41
Hexachlorocyclopentadiene
Concen: 126.900 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion:237 Resp: 481846

Ion	Ratio	Lower	Upper
237	100		
235	63.5	44.2	84.2
272	13.3	0.0	32.9

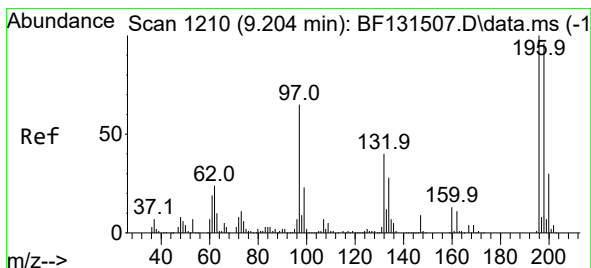
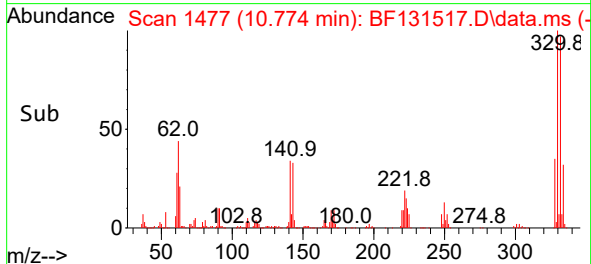
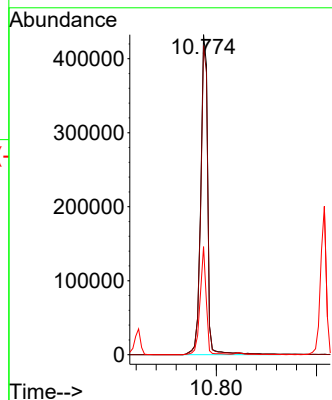
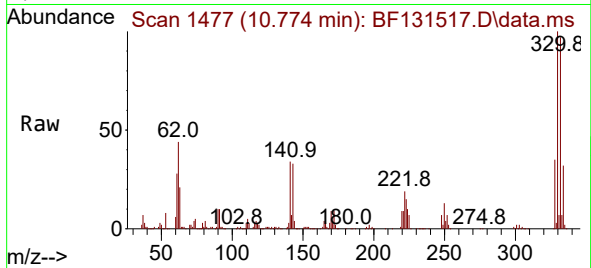




#42
2,4,6-Tribromophenol
Concen: 160.344 ng
RT: 10.774 min Scan# 1477
Delta R.T. 0.005 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

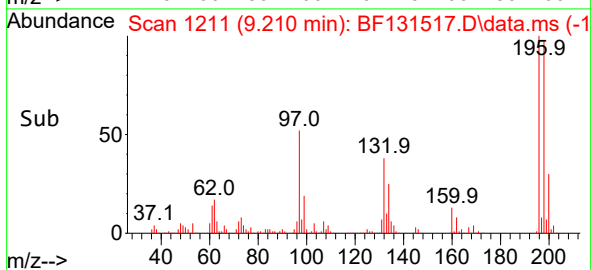
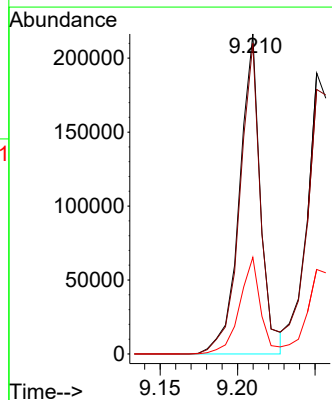
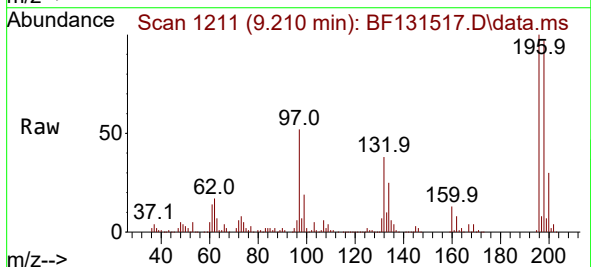
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BNA_F
ClientSampleId :
PB149384BSD

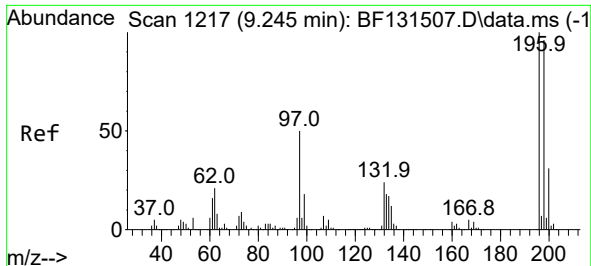
Tgt Ion:330 Resp: 416599
Ion Ratio Lower Upper
330 100
332 96.8 78.2 117.2
141 29.7 29.1 43.7



#43
2,4,6-Trichlorophenol
Concen: 40.034 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.006 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion:196 Resp: 204030
Ion Ratio Lower Upper
196 100
198 97.1 76.5 114.7
200 30.2 24.2 36.2

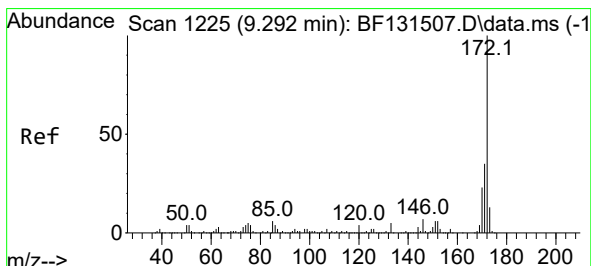
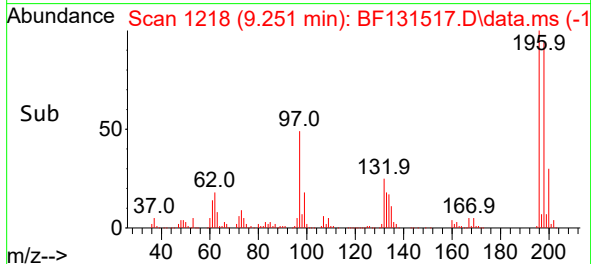
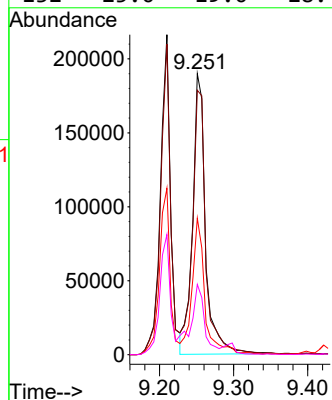
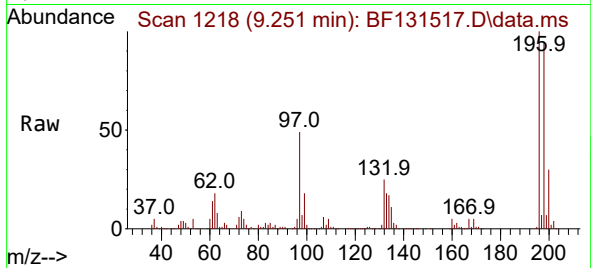




#44
2,4,5-Trichlorophenol
Concen: 42.392 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.006 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

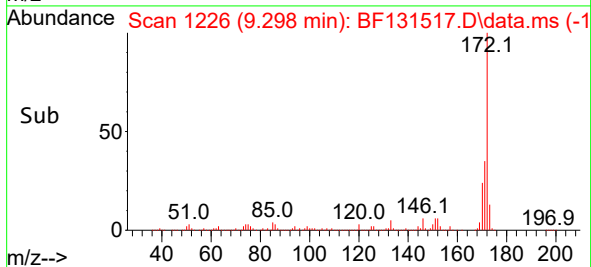
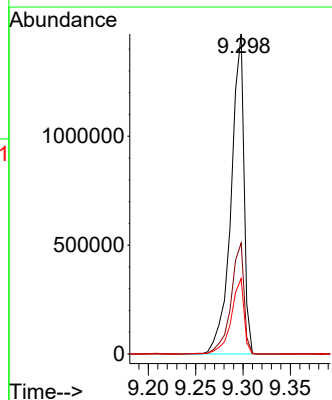
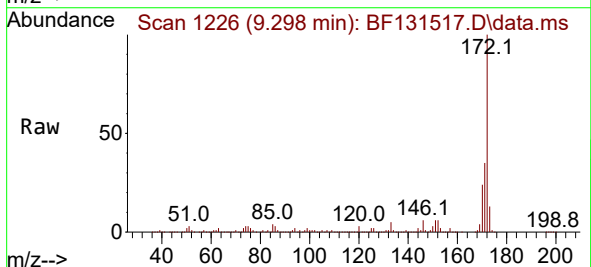
Instrument :
BNA_F
ClientSampleId :
PB149384BSD

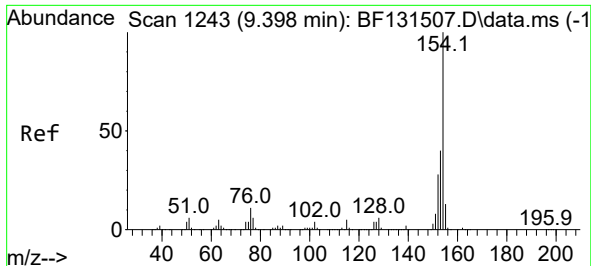
Tgt Ion:196 Resp: 230403
Ion Ratio Lower Upper
196 100
198 94.1 76.6 114.8
97 48.6 40.6 61.0
132 25.0 19.0 28.4



#45
2-Fluorobiphenyl
Concen: 79.993 ng
RT: 9.298 min Scan# 1226
Delta R.T. 0.006 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion:172 Resp: 1391393
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.5 18.7 28.1

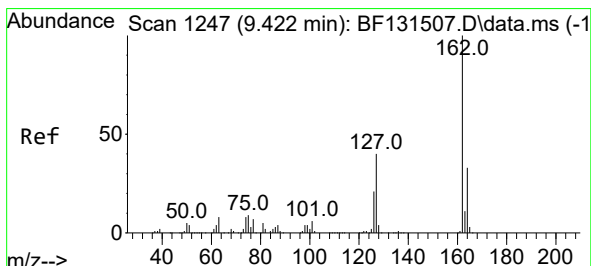
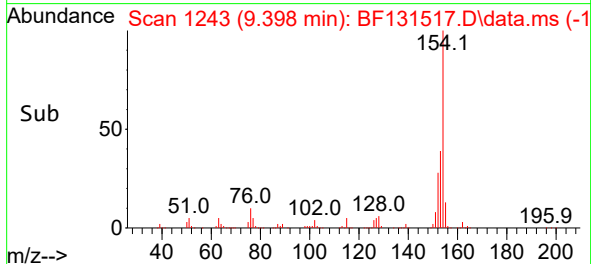
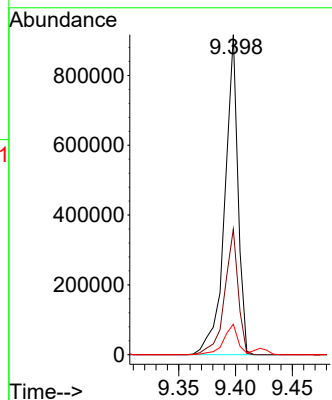
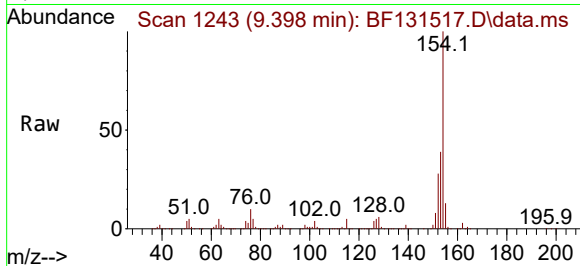




#46
 1,1'-Biphenyl
 Concen: 41.247 ng
 RT: 9.398 min Scan# 1243
 Delta R.T. -0.000 min
 Lab File: BF131517.D
 Acq: 06 Dec 2022 00:31

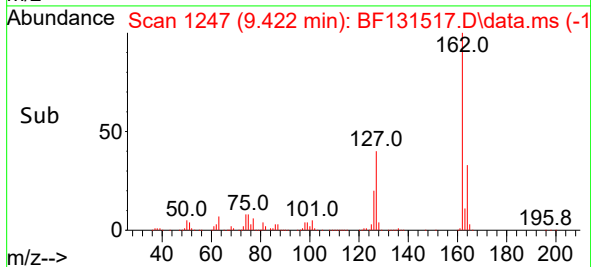
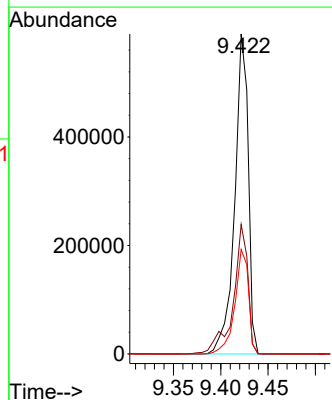
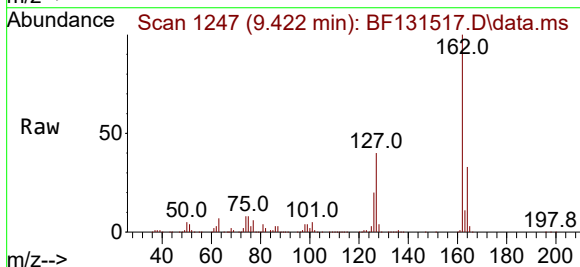
Instrument :
 BNA_F
 ClientSampleId :
 PB149384BSD

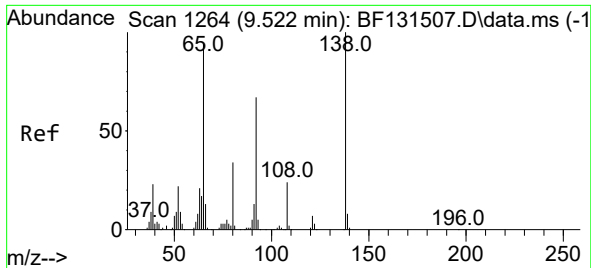
Tgt Ion:154 Resp: 742143
 Ion Ratio Lower Upper
 154 100
 153 39.2 20.3 60.3
 76 9.5 0.0 30.9



#47
 2-Chloronaphthalene
 Concen: 39.770 ng
 RT: 9.422 min Scan# 1247
 Delta R.T. -0.000 min
 Lab File: BF131517.D
 Acq: 06 Dec 2022 00:31

Tgt Ion:162 Resp: 584526
 Ion Ratio Lower Upper
 162 100
 127 40.5 32.6 48.8
 164 32.6 26.0 39.0

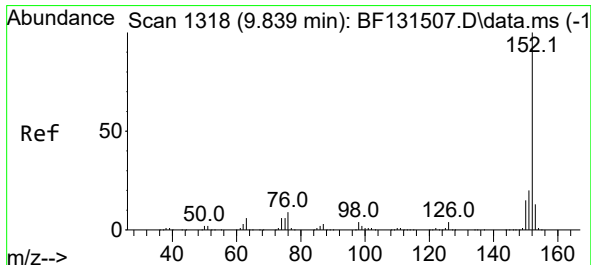
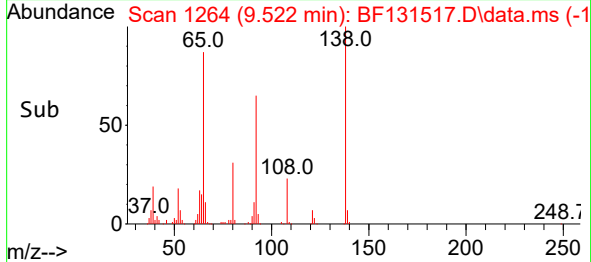
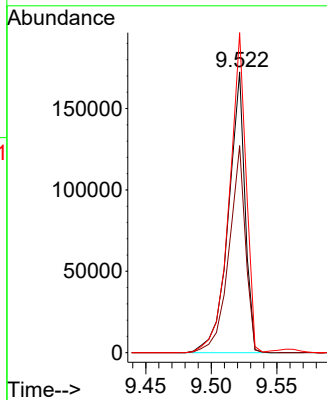
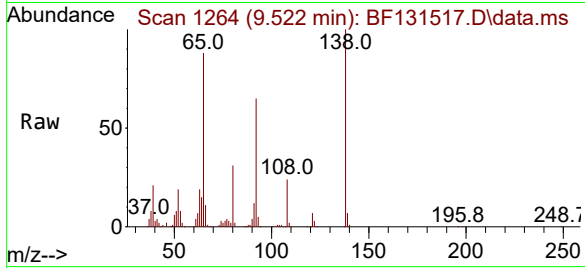




#48
2-Nitroaniline
Concen: 35.810 ng
RT: 9.522 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

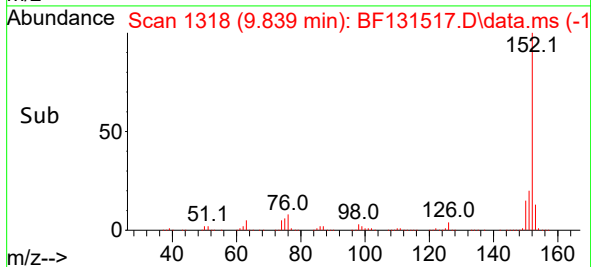
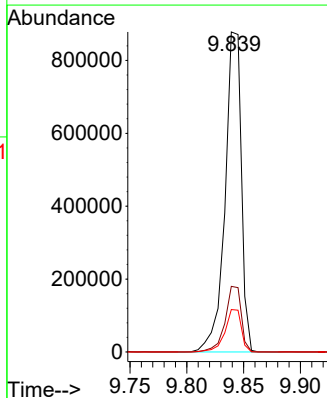
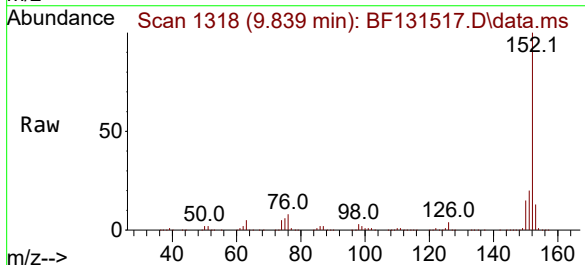
Instrument :
BNA_F
ClientSampleId :
PB149384BSD

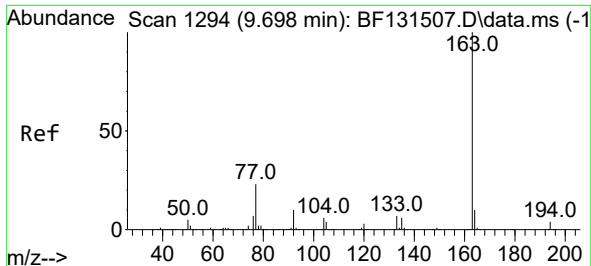
Tgt Ion: 65 Resp: 152077
Ion Ratio Lower Upper
65 100
92 73.7 57.4 86.0
138 113.9 85.4 128.0



#49
Acenaphthylene
Concen: 40.075 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion: 152 Resp: 879848
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.8
153 13.3 10.6 16.0

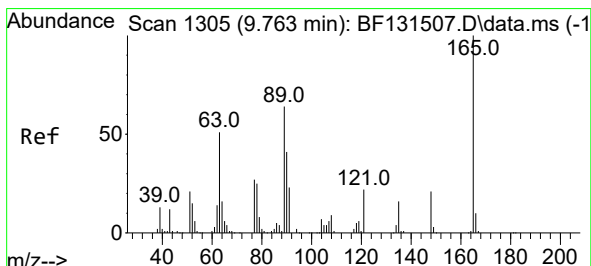
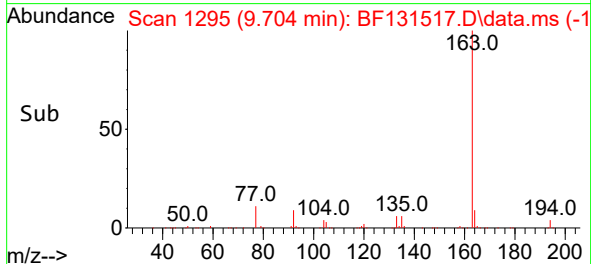
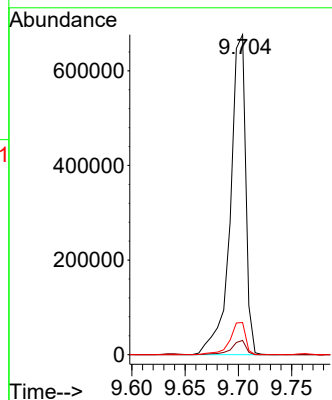
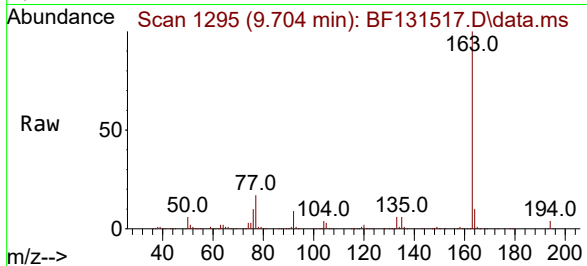




#50
Dimethylphthalate
Concen: 41.229 ng
RT: 9.704 min Scan# 1294
Delta R.T. 0.006 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

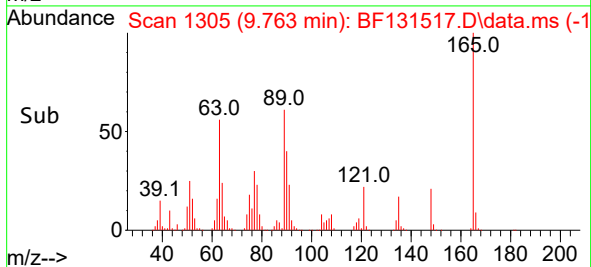
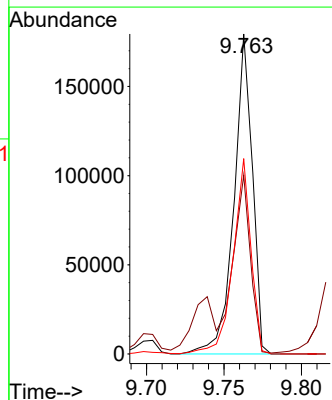
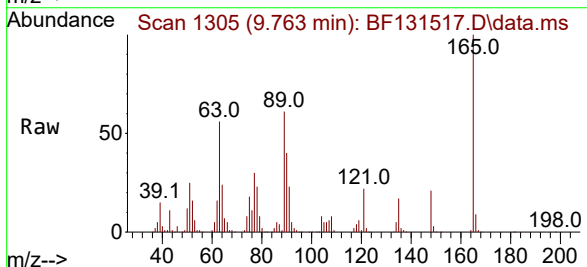
Instrument :
BNA_F
ClientSampleId :
PB149384BSD

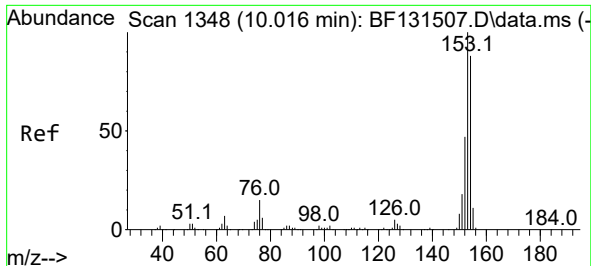
Tgt Ion:163 Resp: 679968
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 10.0 7.9 11.9



#51
2,6-Dinitrotoluene
Concen: 42.042 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion:165 Resp: 148156
Ion Ratio Lower Upper
165 100
63 55.9 50.1 75.1
89 61.0 51.3 76.9

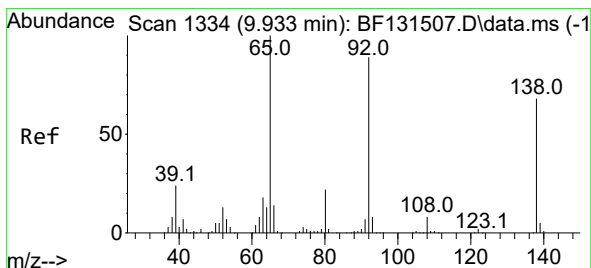
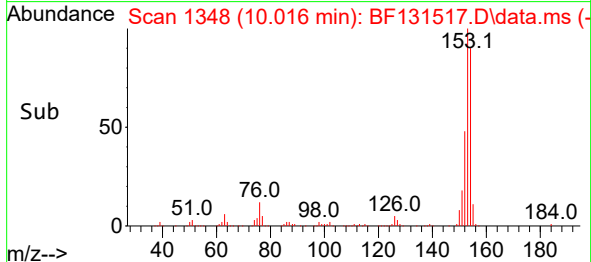
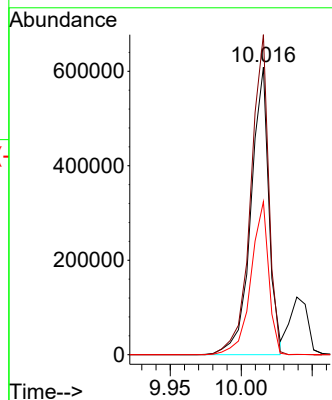
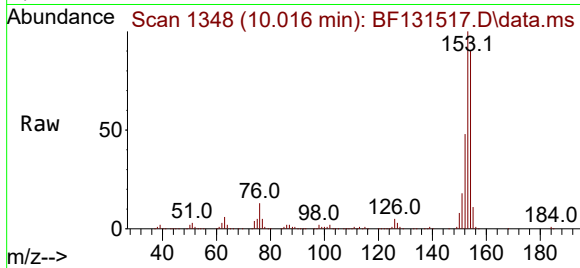




#52
Acenaphthene
Concen: 37.649 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

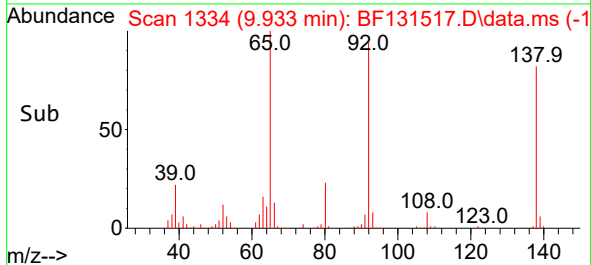
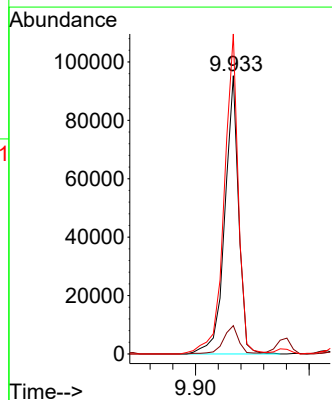
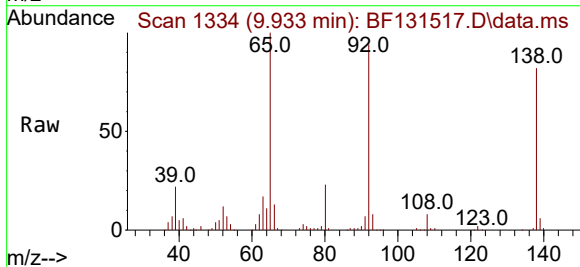
Instrument :
BNA_F
ClientSampleId :
PB149384BSD

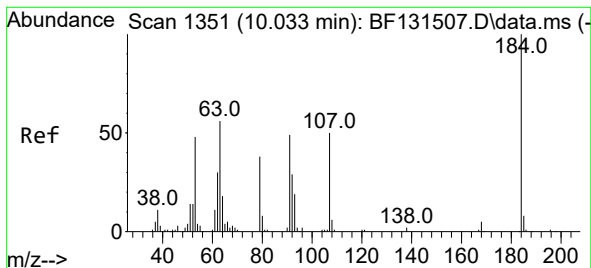
Tgt Ion:154 Resp: 536276
Ion Ratio Lower Upper
154 100
153 111.3 90.9 136.3
152 53.2 43.1 64.7



#53
3-Nitroaniline
Concen: 21.890 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion:138 Resp: 80744
Ion Ratio Lower Upper
138 100
108 10.2 9.4 14.2
92 115.0 104.8 157.2

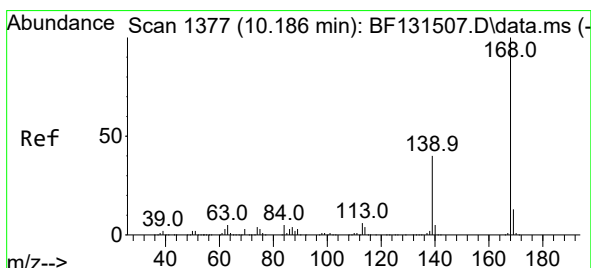
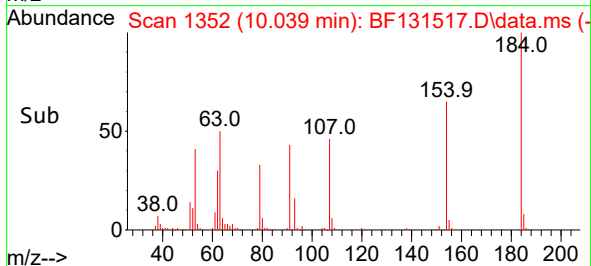
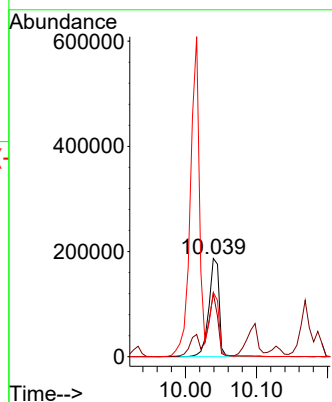
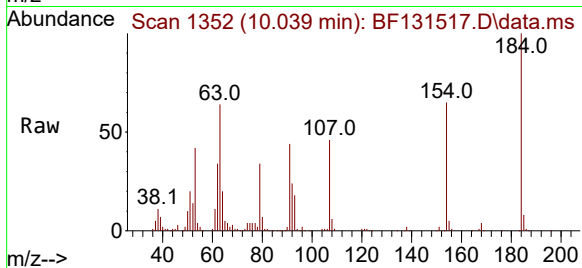




#54
2,4-Dinitrophenol
Concen: 107.980 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

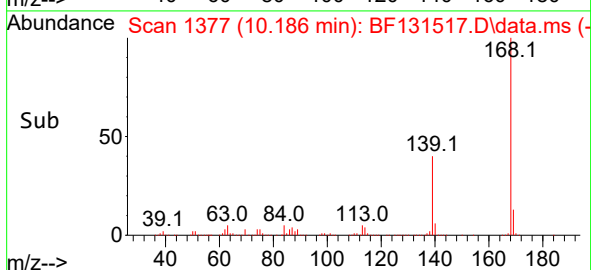
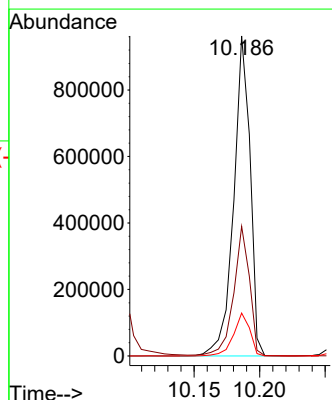
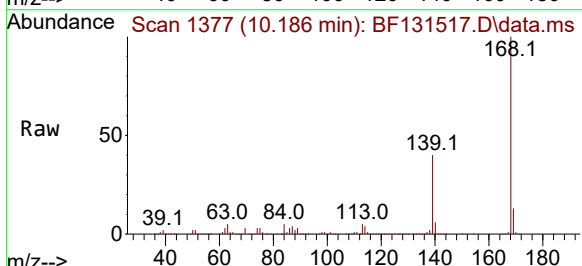
Instrument :
BNA_F
ClientSampleId :
PB149384BSD

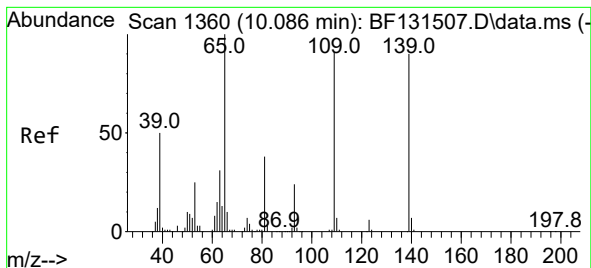
Tgt Ion:184 Resp: 190928
Ion Ratio Lower Upper
184 100
63 64.4 61.2 91.8
154 65.4 53.1 79.7



#55
Dibenzofuran
Concen: 40.269 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion:168 Resp: 837364
Ion Ratio Lower Upper
168 100
139 40.5 31.8 47.8
169 13.4 10.6 15.8

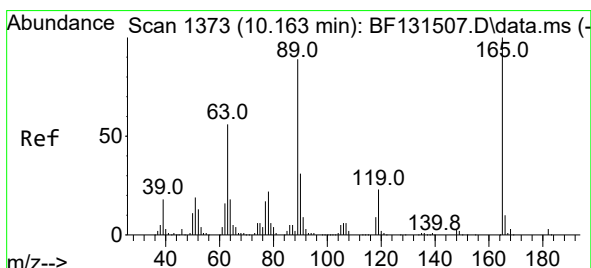
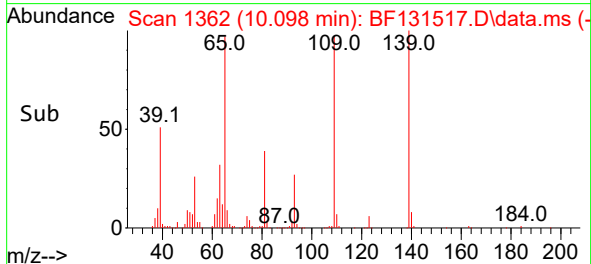
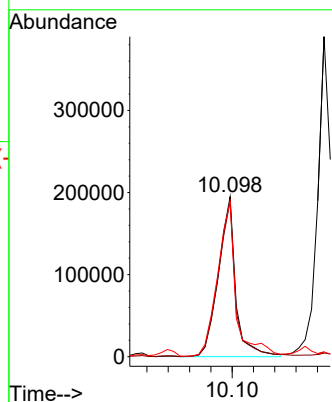
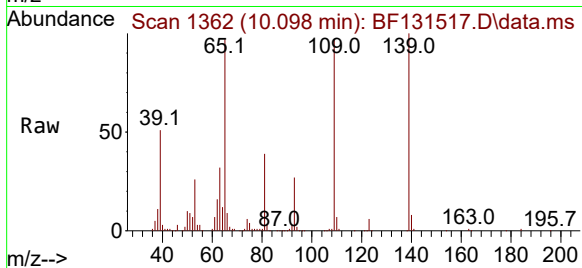




#56
4-Nitrophenol
Concen: 85.219 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

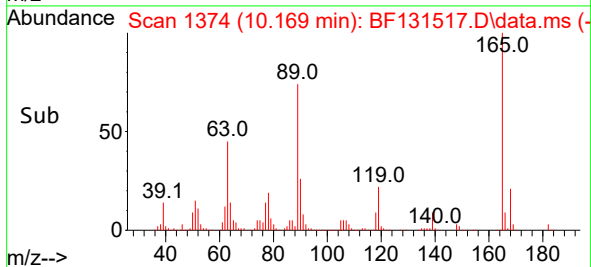
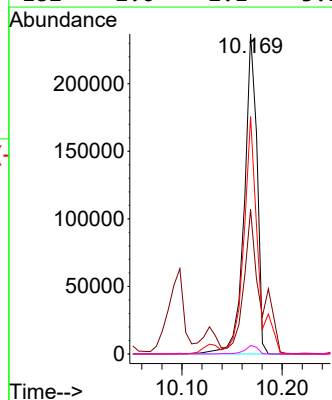
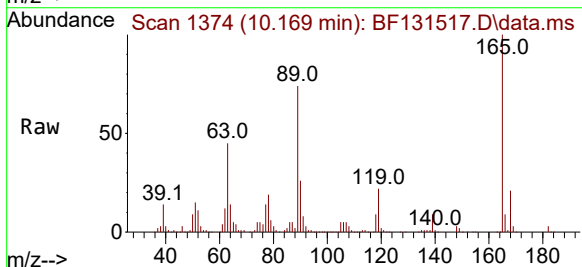
Instrument :
BNA_F
ClientSampleId :
PB149384BSD

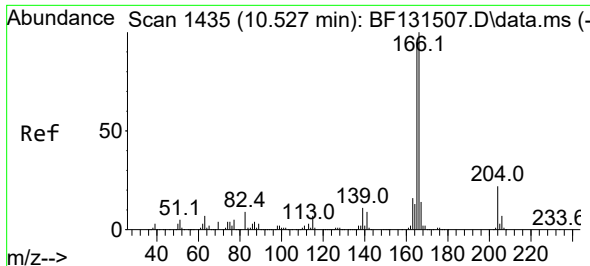
Tgt Ion:139 Resp: 219355
Ion Ratio Lower Upper
139 100
109 97.1 81.1 121.1
65 96.8 91.5 131.5



#57
2,4-Dinitrotoluene
Concen: 45.120 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.006 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion:165 Resp: 208624
Ion Ratio Lower Upper
165 100
63 45.2 45.3 67.9#
89 74.1 71.0 106.4
182 2.6 2.1 3.1

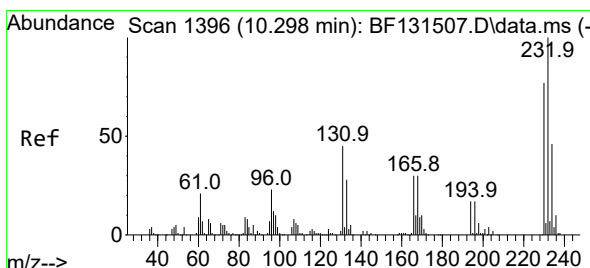
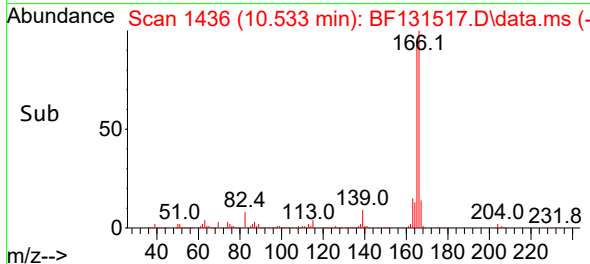
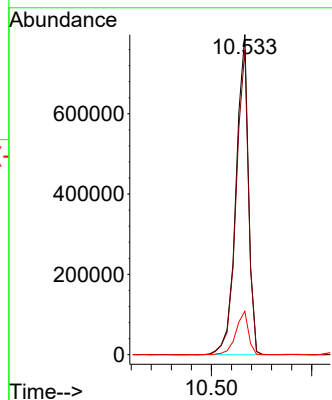
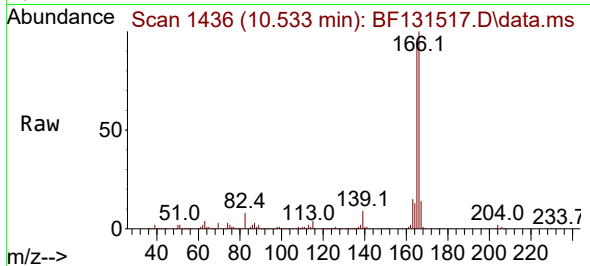




#58
Fluorene
Concen: 40.199 ng
RT: 10.533 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

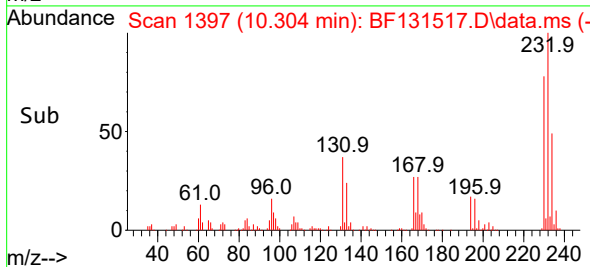
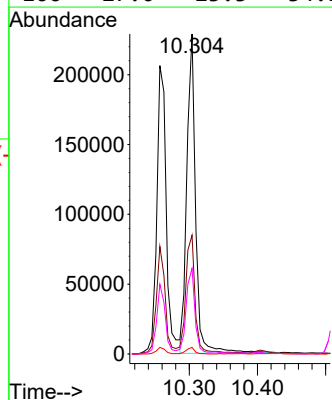
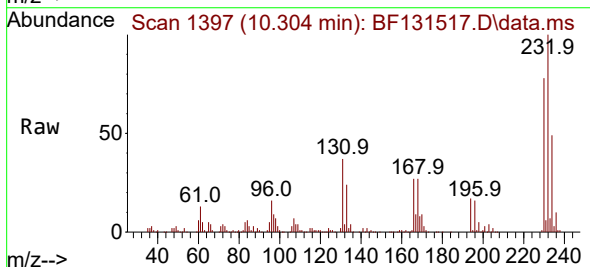
Instrument :
BNA_F
ClientSampleId :
PB149384BSD

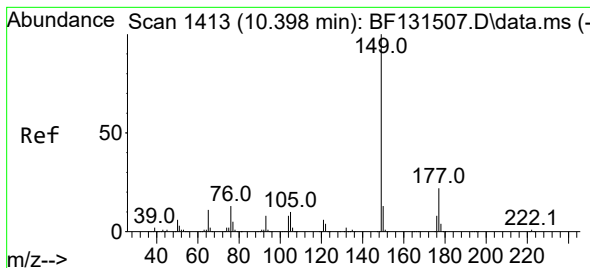
Tgt Ion:166 Resp: 689784
Ion Ratio Lower Upper
166 100
165 95.3 75.7 113.5
167 13.6 10.9 16.3



#59
2,3,4,6-Tetrachlorophenol
Concen: 44.032 ng
RT: 10.304 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion:232 Resp: 203006
Ion Ratio Lower Upper
232 100
131 40.7 34.8 52.2
130 2.0 1.8 2.6
166 27.0 23.3 34.9





#60

Diethylphthalate

Concen: 41.138 ng

RT: 10.404 min Scan# 1413

Delta R.T. 0.006 min

Lab File: BF131517.D

Acq: 06 Dec 2022 00:31

Instrument :

BNA_F

ClientSampleId :

PB149384BSD

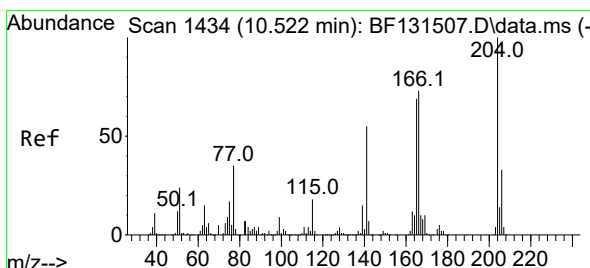
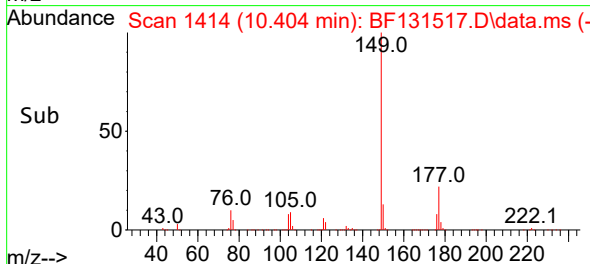
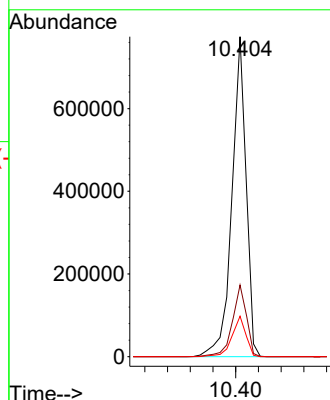
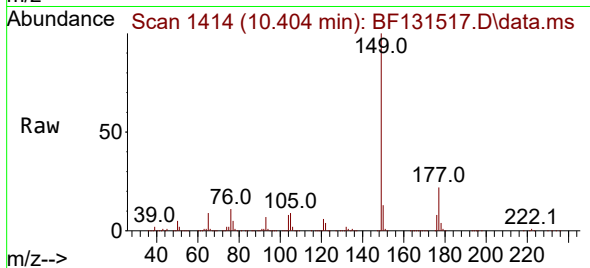
Tgt Ion:149 Resp: 668939

Ion Ratio Lower Upper

149 100

177 22.4 17.4 26.2

150 12.6 10.2 15.4



#61

4-Chlorophenyl-phenylether

Concen: 41.240 ng

RT: 10.521 min Scan# 1434

Delta R.T. -0.000 min

Lab File: BF131517.D

Acq: 06 Dec 2022 00:31

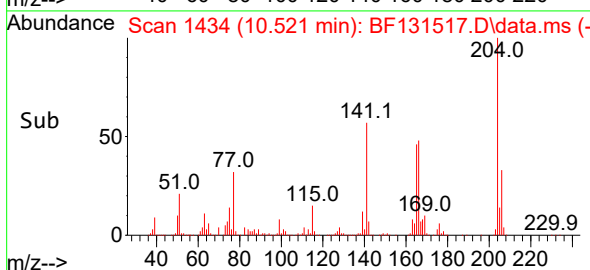
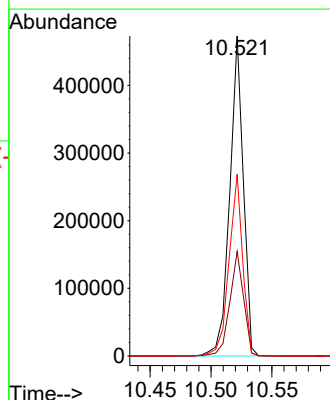
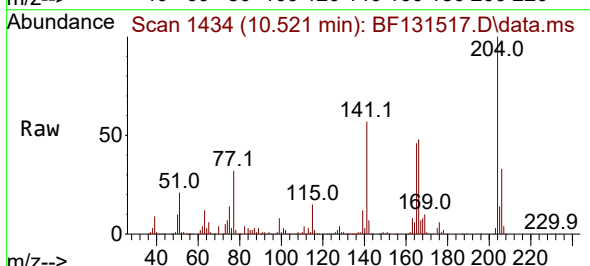
Tgt Ion:204 Resp: 366064

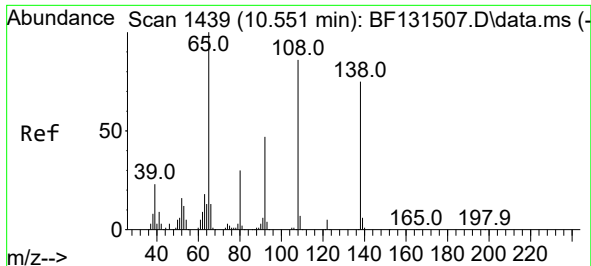
Ion Ratio Lower Upper

204 100

206 32.7 26.4 39.6

141 56.8 44.4 66.6

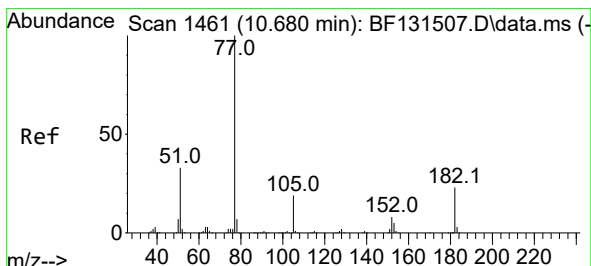
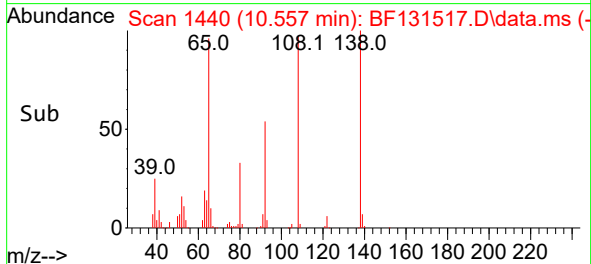
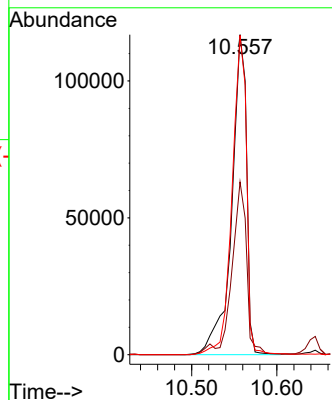
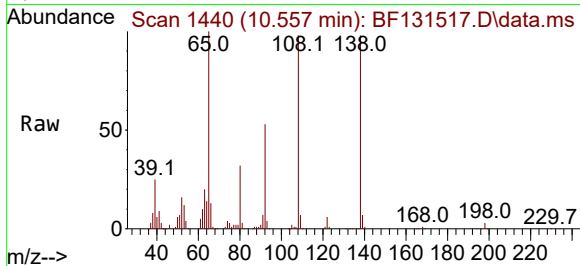




#62
4-Nitroaniline
Concen: 38.652 ng
RT: 10.557 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

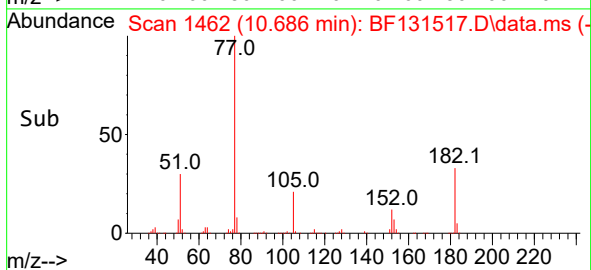
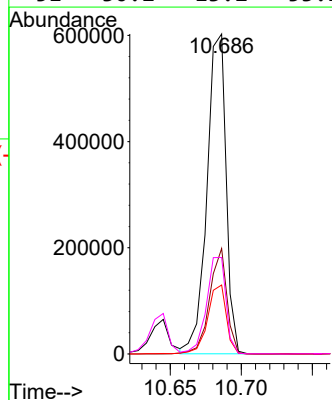
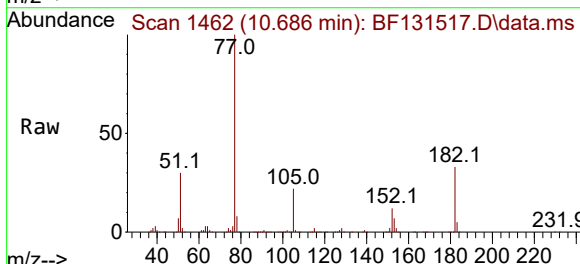
Instrument :
BNA_F
ClientSampleId :
PB149384BSD

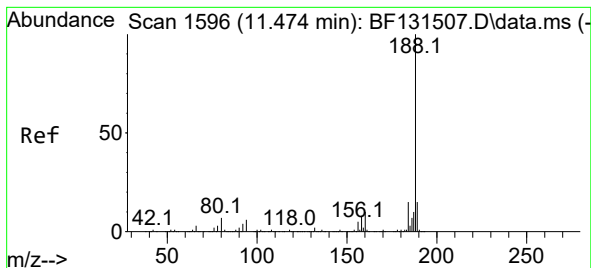
Tgt Ion:138 Resp: 142149
Ion Ratio Lower Upper
138 100
92 54.0 42.7 82.7
108 99.8 95.0 135.0



#63
Azobenzene
Concen: 35.229 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion: 77 Resp: 564882
Ion Ratio Lower Upper
77 100
182 33.0 2.6 42.6
105 21.5 0.0 39.1
51 30.2 13.2 53.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.474 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131517.D

Acq: 06 Dec 2022 00:31

Instrument :

BNA_F

ClientSampleId :

PB149384BSD

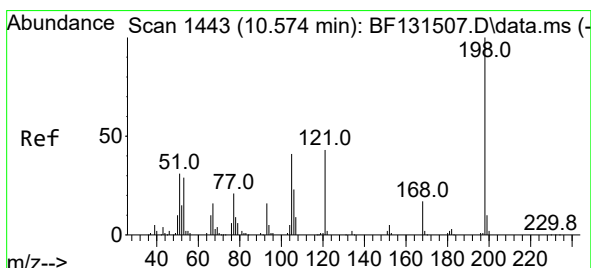
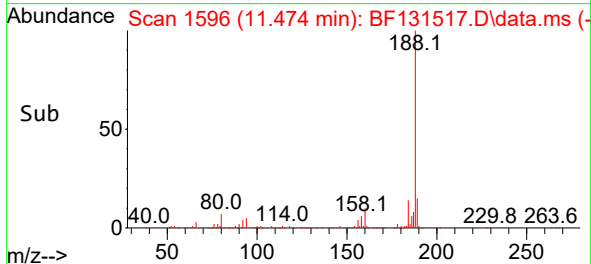
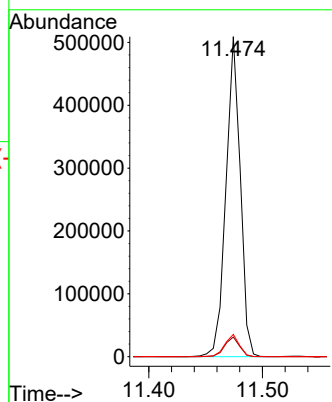
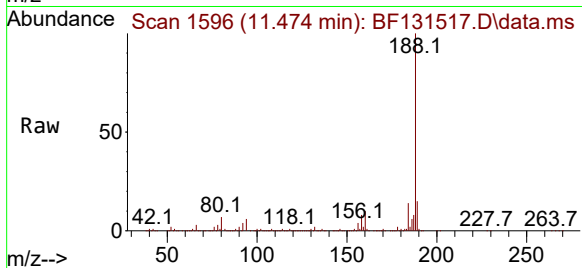
Tgt Ion:188 Resp: 445884

Ion Ratio Lower Upper

188 100

94 6.1 5.1 7.7

80 7.0 5.9 8.9



#65

4,6-Dinitro-2-methylphenol

Concen: 47.966 ng

RT: 10.580 min Scan# 1444

Delta R.T. 0.006 min

Lab File: BF131517.D

Acq: 06 Dec 2022 00:31

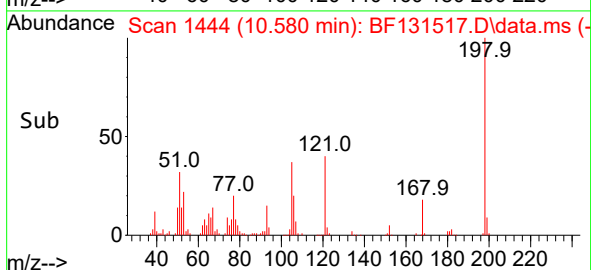
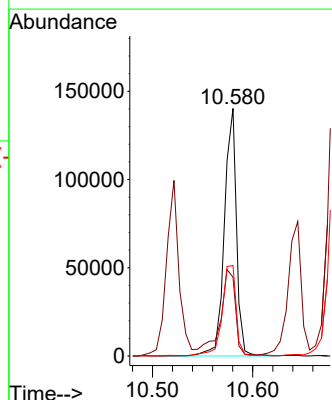
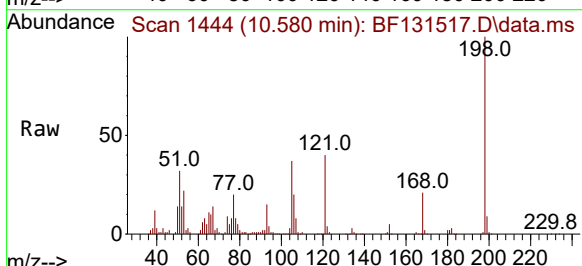
Tgt Ion:198 Resp: 117352

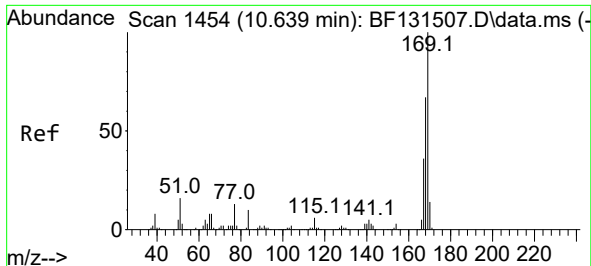
Ion Ratio Lower Upper

198 100

51 31.8 19.7 59.7

105 36.5 21.9 61.9

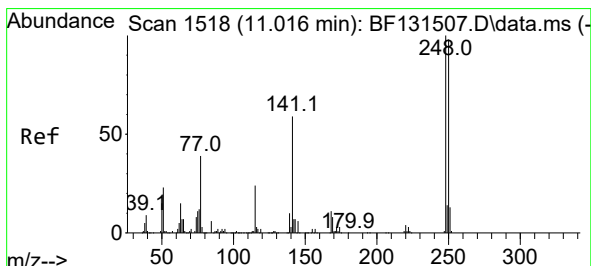
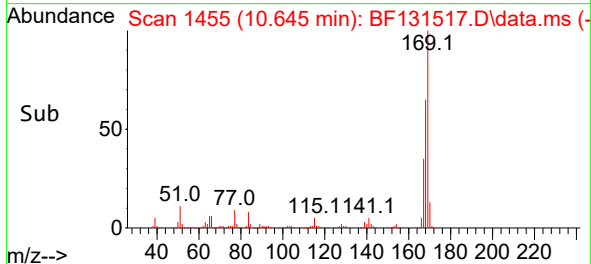
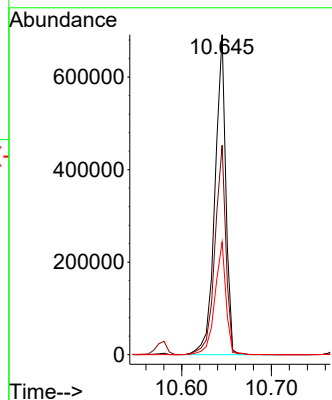
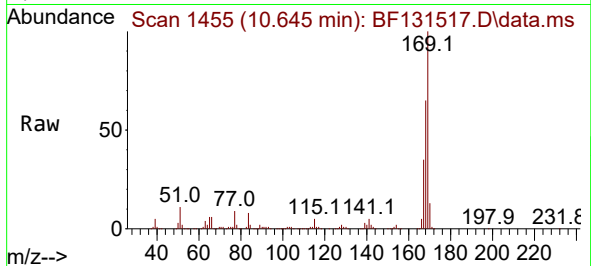




#66
n-Nitrosodiphenylamine
Concen: 41.550 ng
RT: 10.645 min Scan# 1454
Delta R.T. 0.006 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

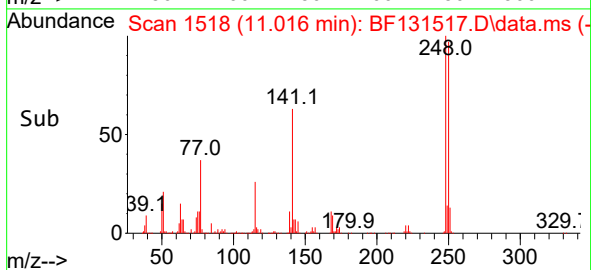
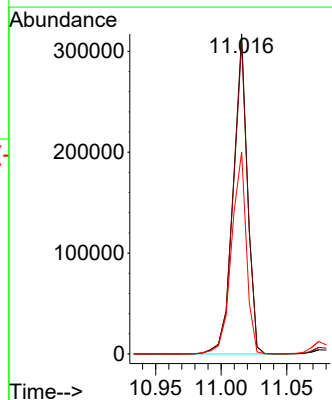
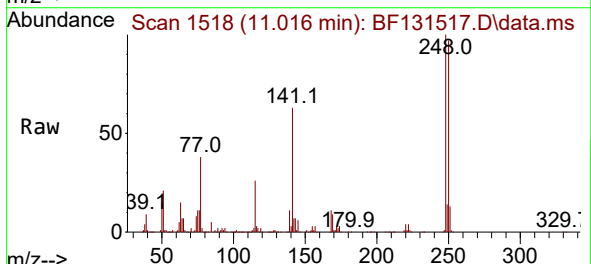
Instrument :
BNA_F
ClientSampleId :
PB149384BSD

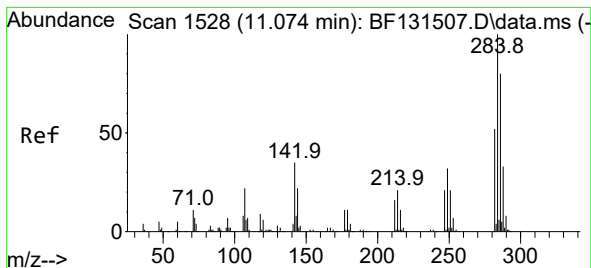
Tgt Ion:169 Resp: 581450
Ion Ratio Lower Upper
169 100
168 65.4 53.7 80.5
167 35.2 28.4 42.6



#67
4-Bromophenyl-phenylether
Concen: 42.978 ng
RT: 11.016 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion:248 Resp: 239761
Ion Ratio Lower Upper
248 100
250 97.3 78.6 117.8
141 63.2 47.1 70.7





#68

Hexachlorobenzene

Concen: 44.661 ng

RT: 11.080 min Scan# 1529

Delta R.T. 0.006 min

Lab File: BF131517.D

Acq: 06 Dec 2022 00:31

Instrument :

BNA_F

ClientSampleId :

PB149384BSD

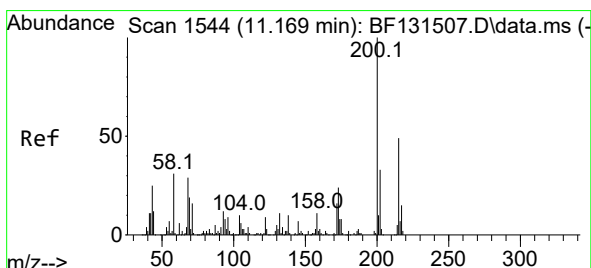
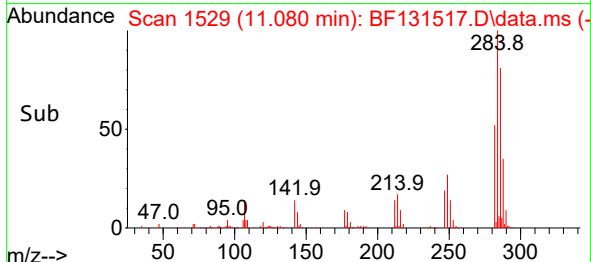
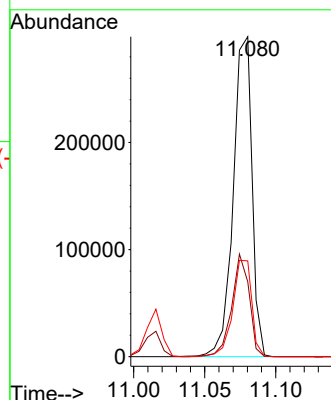
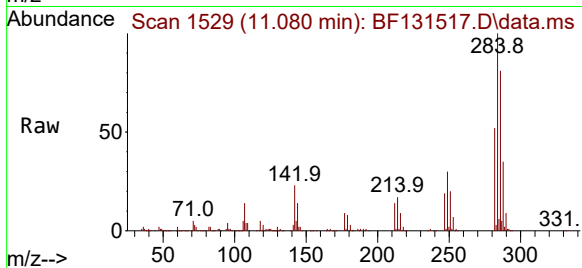
Tgt Ion:284 Resp: 276120

Ion Ratio Lower Upper

284 100

142 23.4 28.2 42.4#

249 30.0 25.8 38.8



#69

Atrazine

Concen: 33.045 ng

RT: 11.169 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF131517.D

Acq: 06 Dec 2022 00:31

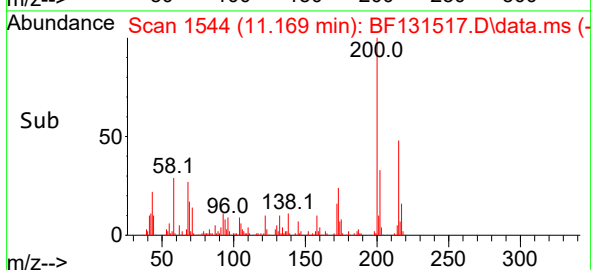
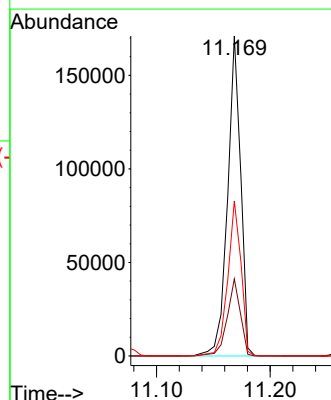
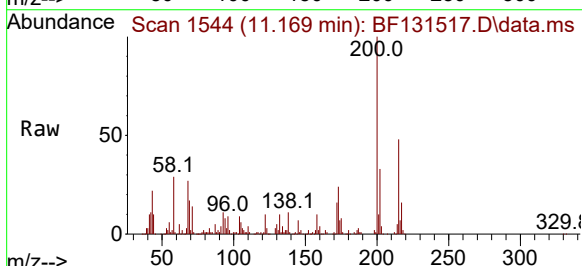
Tgt Ion:200 Resp: 136738

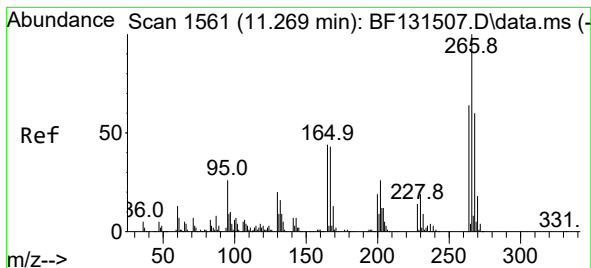
Ion Ratio Lower Upper

200 100

173 24.1 4.4 44.4

215 48.4 29.3 69.3





#70

Pentachlorophenol

Concen: 95.384 ng

RT: 11.274 min Scan# 1

Delta R.T. 0.005 min

Lab File: BF131517.D

Acq: 06 Dec 2022 00:31

Instrument :

BNA_F

ClientSampleId :

PB149384BSD

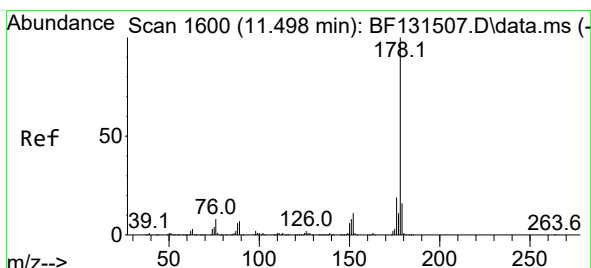
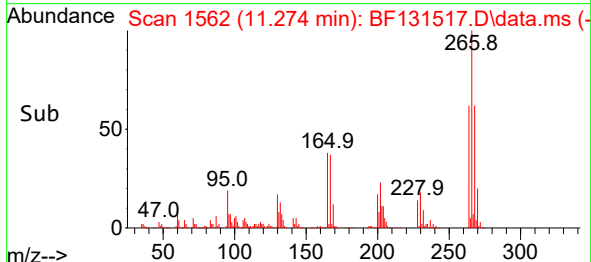
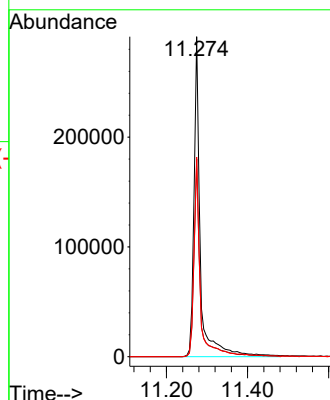
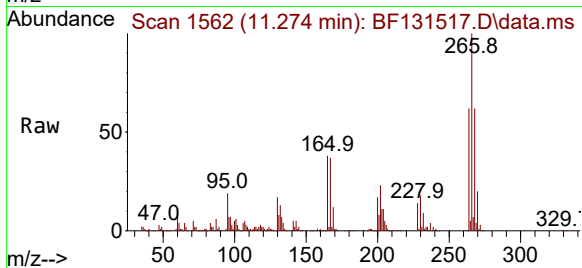
Tgt Ion:266 Resp: 315758

Ion Ratio Lower Upper

266 100

268 61.8 48.0 72.0

264 62.4 51.4 77.0



#71

Phenanthrene

Concen: 40.767 ng

RT: 11.504 min Scan# 1601

Delta R.T. 0.006 min

Lab File: BF131517.D

Acq: 06 Dec 2022 00:31

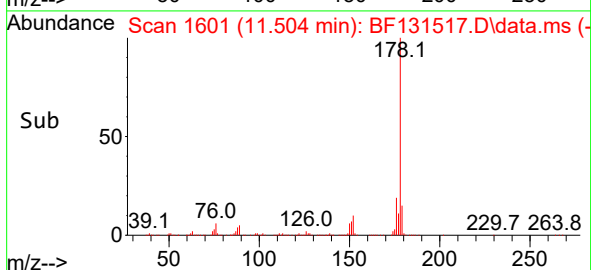
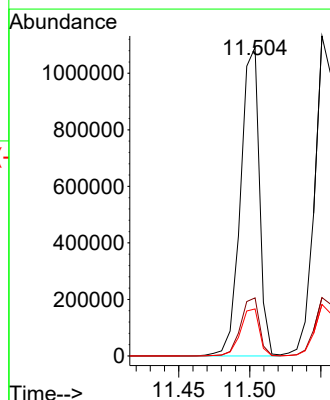
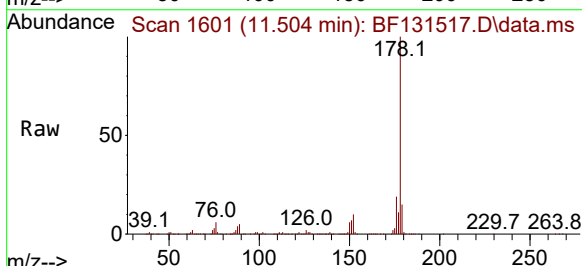
Tgt Ion:178 Resp: 1010051

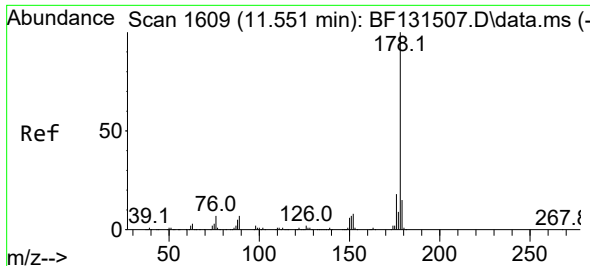
Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

179 15.3 12.5 18.7

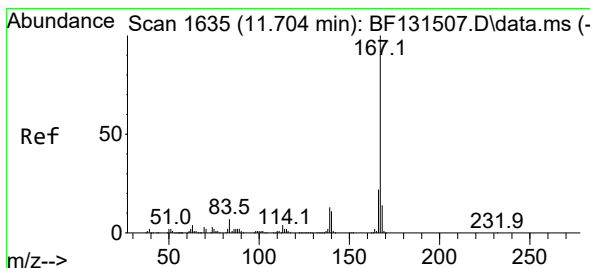
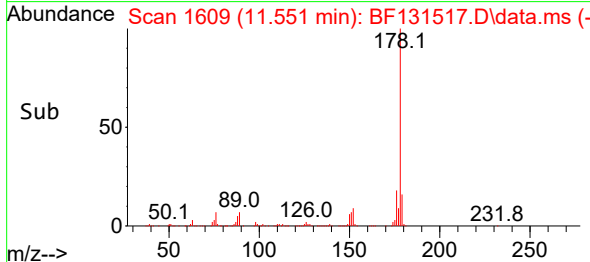
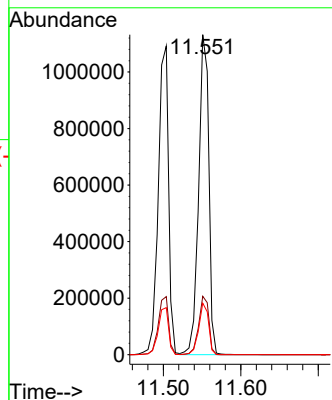
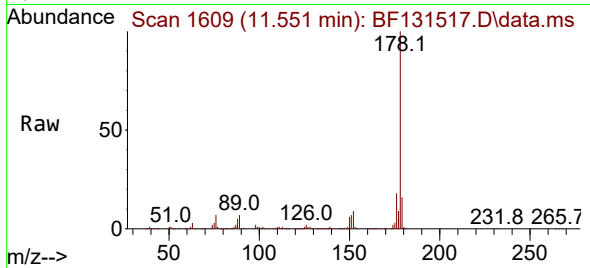




#72
 Anthracene
 Concen: 42.450 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF131517.D
 Acq: 06 Dec 2022 00:31

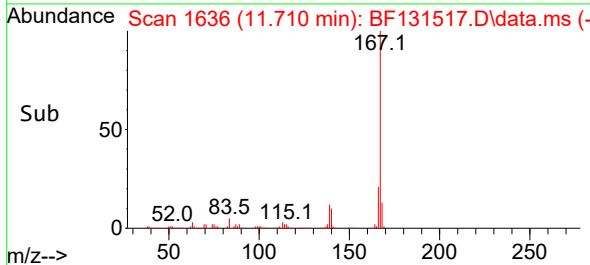
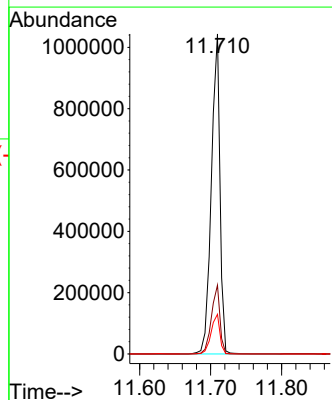
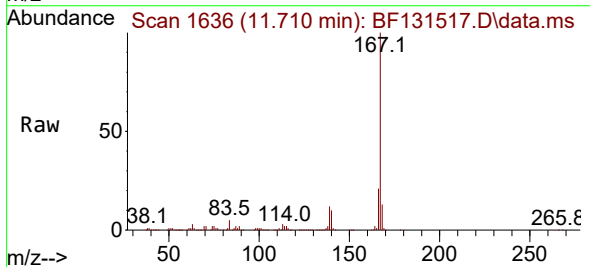
Instrument :
 BNA_F
 ClientSampleId :
 PB149384BSD

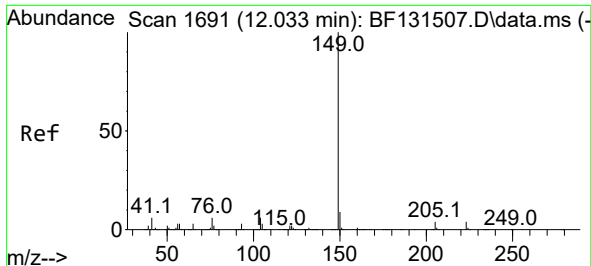
Tgt Ion:178 Resp: 1034042
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.7 22.1
 179 16.1 12.3 18.5



#73
 Carbazole
 Concen: 43.111 ng
 RT: 11.710 min Scan# 1636
 Delta R.T. 0.006 min
 Lab File: BF131517.D
 Acq: 06 Dec 2022 00:31

Tgt Ion:167 Resp: 884043
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.2
 139 12.4 10.6 15.8

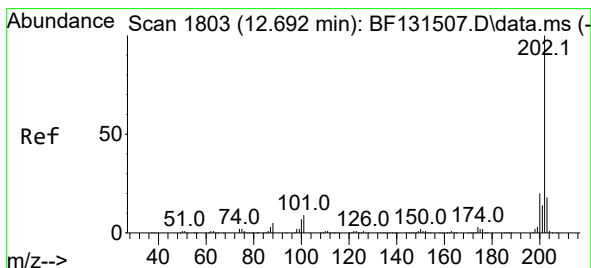
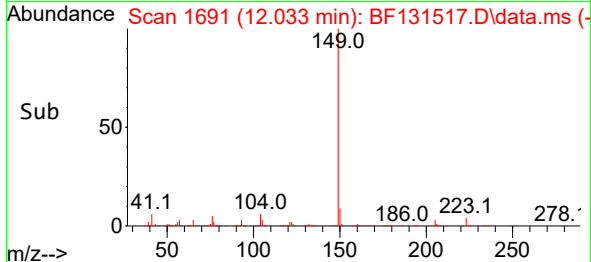
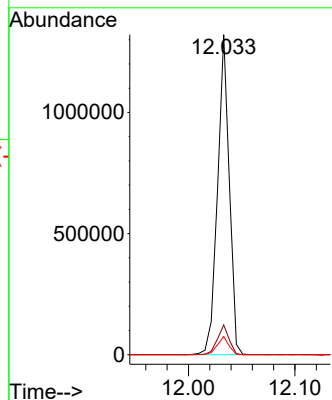
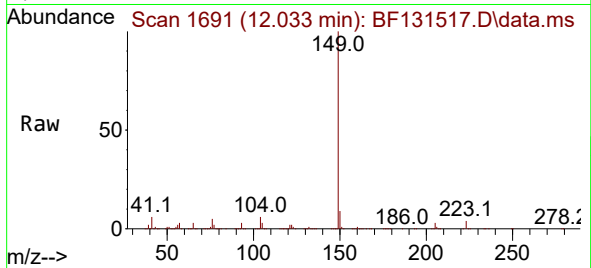




#74
Di-n-butylphthalate
Concen: 43.802 ng
RT: 12.033 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

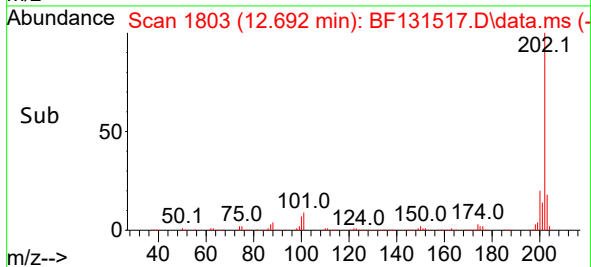
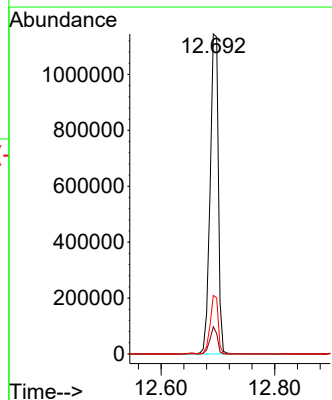
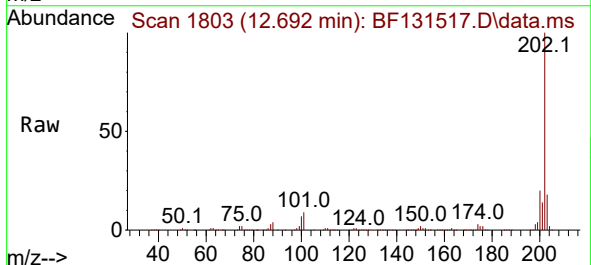
Instrument :
BNA_F
ClientSampleId :
PB149384BSD

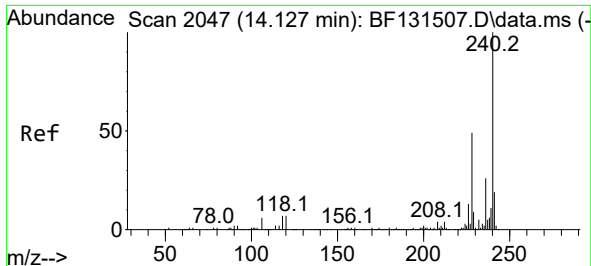
Tgt Ion:149 Resp: 1002837
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.7 4.7 7.1



#75
Fluoranthene
Concen: 41.782 ng
RT: 12.692 min Scan# 1803
Delta R.T. -0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion:202 Resp: 1139305
Ion Ratio Lower Upper
202 100
101 8.5 0.0 28.5
203 18.3 0.0 37.6

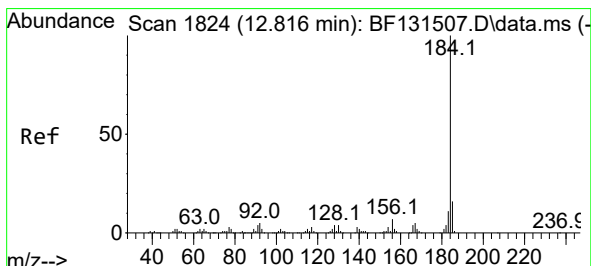
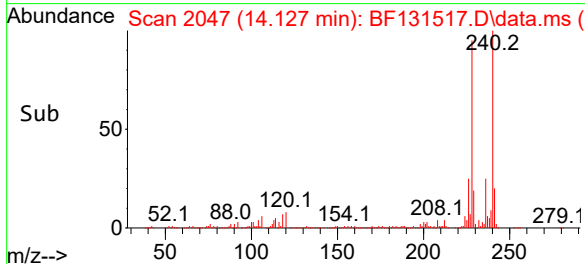
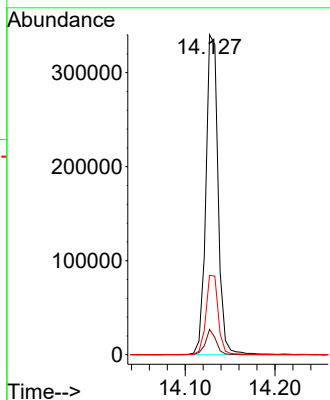
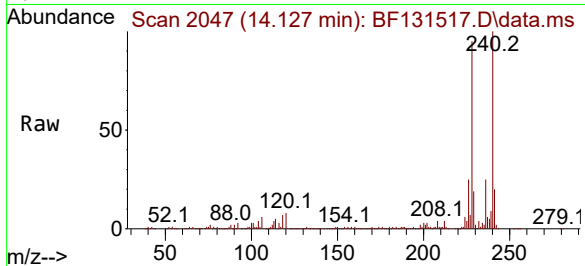




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

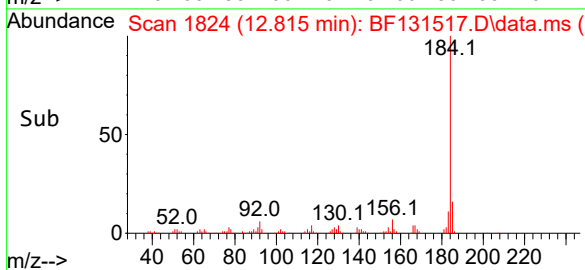
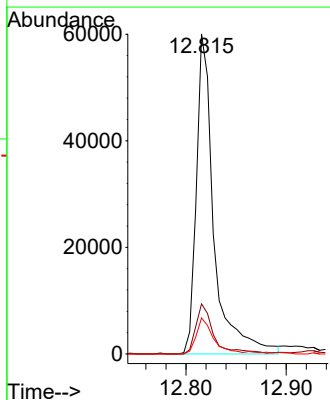
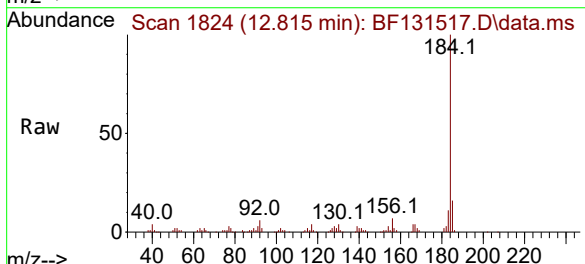
Instrument :
BNA_F
ClientSampleId :
PB149384BSD

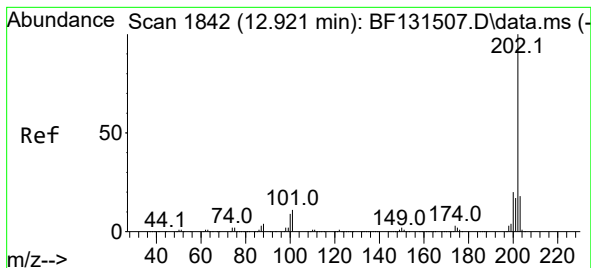
Tgt Ion:240 Resp: 321328
Ion Ratio Lower Upper
240 100
120 7.9 5.6 8.4
236 24.8 20.6 31.0



#77
Benzidine
Concen: 11.329 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.001 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion:184 Resp: 73368
Ion Ratio Lower Upper
184 100
185 15.7 12.6 19.0
183 11.3 9.0 13.4





#78

Pyrene

Concen: 39.974 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BF131517.D

Acq: 06 Dec 2022 00:31

Instrument :

BNA_F

ClientSampleId :

PB149384BSD

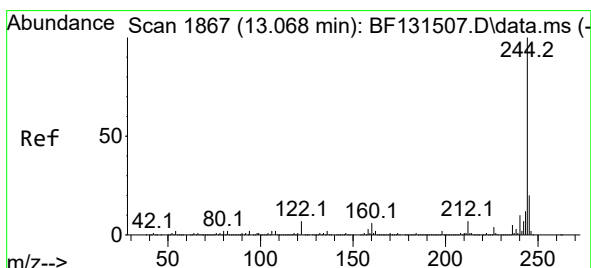
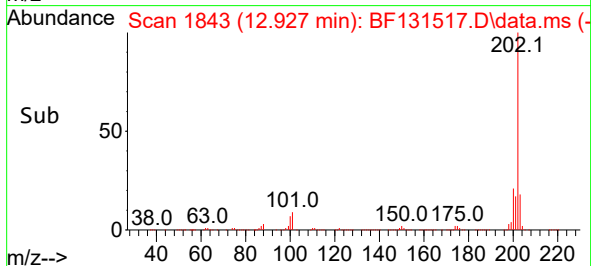
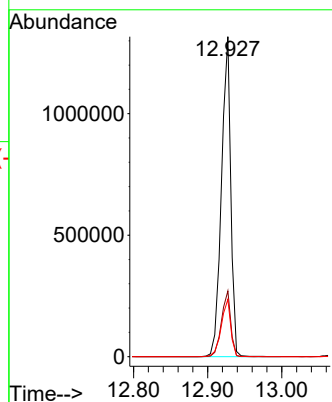
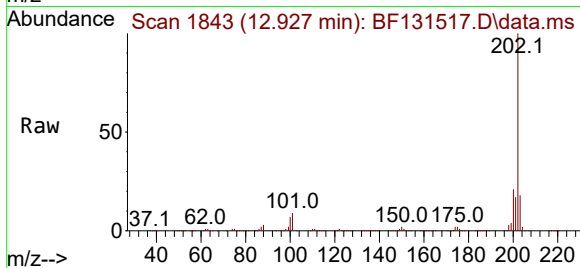
Tgt Ion:202 Resp: 1150464

Ion Ratio Lower Upper

202 100

200 20.6 16.3 24.5

203 17.9 14.2 21.4



#79

Terphenyl-d14

Concen: 89.558 ng

RT: 13.068 min Scan# 1867

Delta R.T. -0.000 min

Lab File: BF131517.D

Acq: 06 Dec 2022 00:31

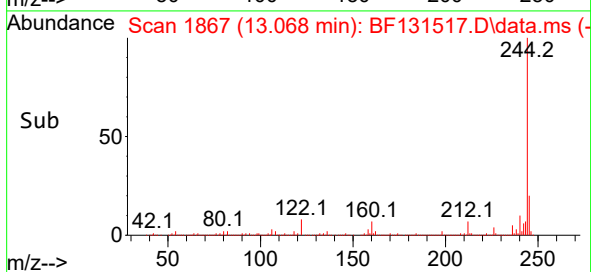
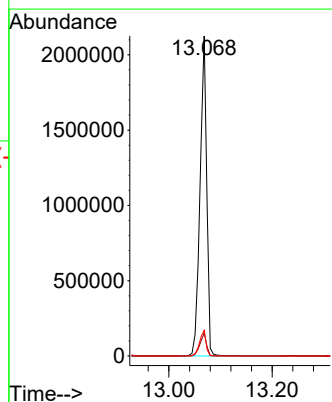
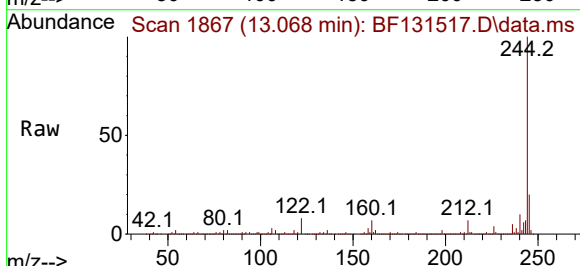
Tgt Ion:244 Resp: 1905587

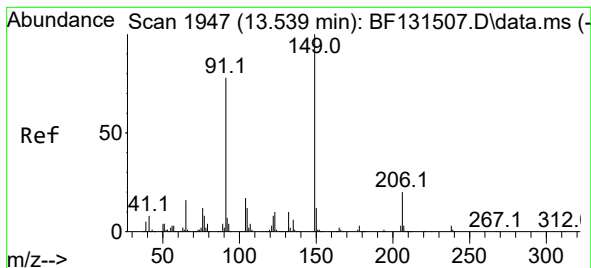
Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 8.0 5.4 8.2





#80

Butylbenzylphthalate

Concen: 49.743 ng

RT: 13.545 min Scan# 1947

Delta R.T. 0.006 min

Lab File: BF131517.D

Acq: 06 Dec 2022 00:31

Instrument :

BNA_F

ClientSampleId :

PB149384BSD

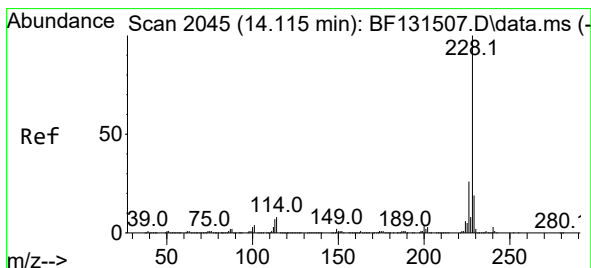
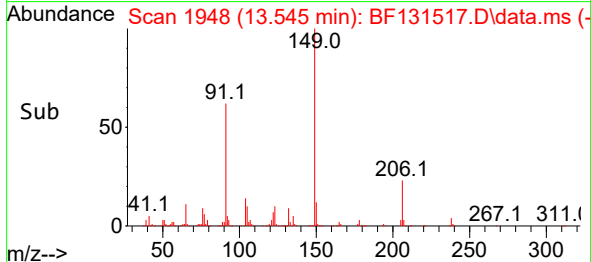
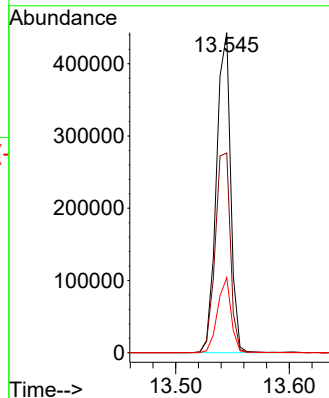
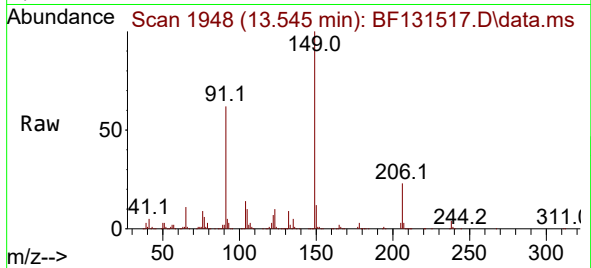
Tgt Ion:149 Resp: 386164

Ion Ratio Lower Upper

149 100

91 62.4 62.5 93.7#

206 23.5 16.1 24.1



#81

Benzo(a)anthracene

Concen: 41.472 ng

RT: 14.121 min Scan# 2046

Delta R.T. 0.006 min

Lab File: BF131517.D

Acq: 06 Dec 2022 00:31

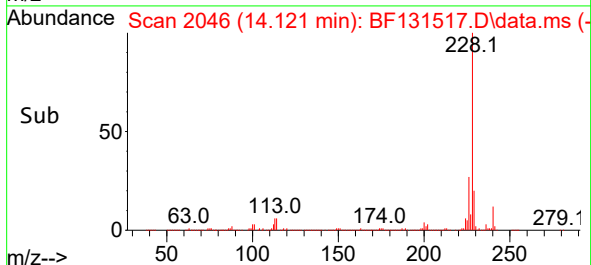
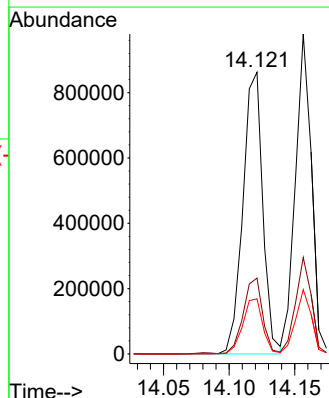
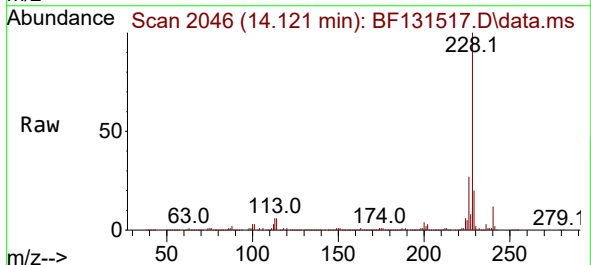
Tgt Ion:228 Resp: 910052

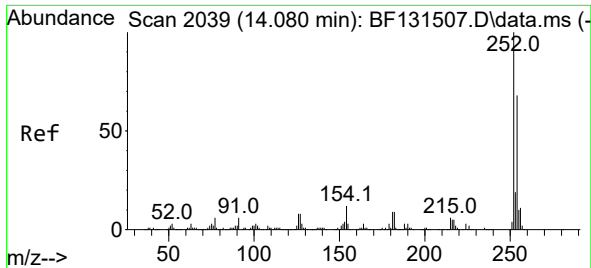
Ion Ratio Lower Upper

228 100

226 26.9 21.0 31.4

229 19.6 15.5 23.3

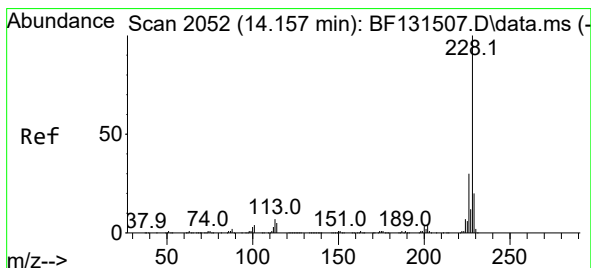
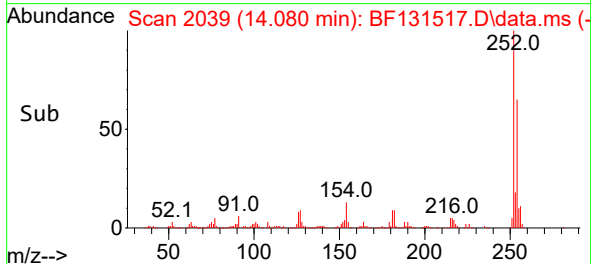
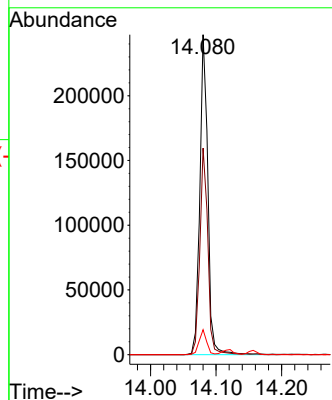
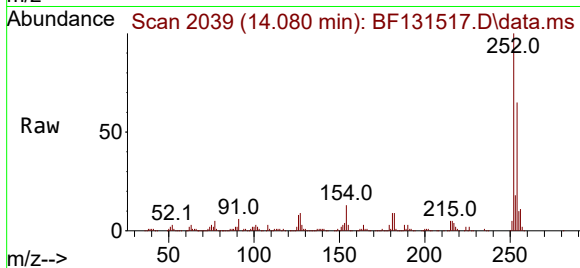




#82
 3,3'-Dichlorobenzidine
 Concen: 35.400 ng
 RT: 14.080 min Scan# 2039
 Delta R.T. -0.000 min
 Lab File: BF131517.D
 Acq: 06 Dec 2022 00:31

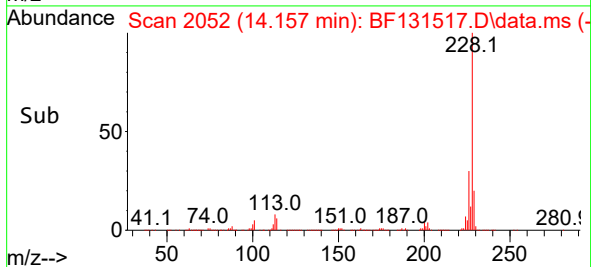
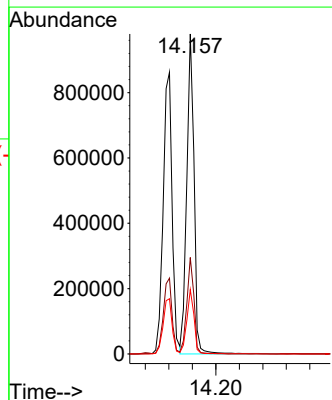
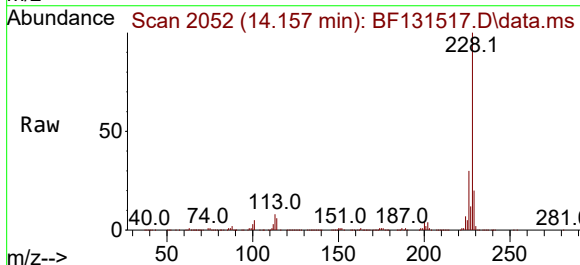
Instrument :
 BNA_F
 ClientSampleId :
 PB149384BSD

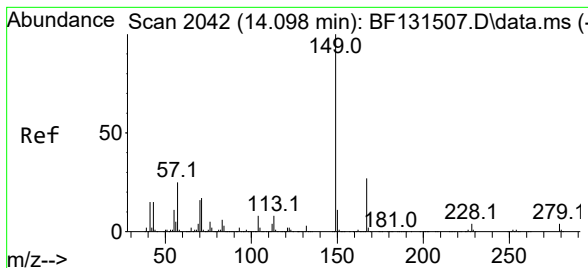
Tgt Ion:252 Resp: 210365
 Ion Ratio Lower Upper
 252 100
 254 64.6 54.3 81.5
 126 7.8 6.3 9.5



#83
 Chrysene
 Concen: 40.374 ng
 RT: 14.157 min Scan# 2052
 Delta R.T. -0.000 min
 Lab File: BF131517.D
 Acq: 06 Dec 2022 00:31

Tgt Ion:228 Resp: 851726
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.8 35.8
 229 20.1 15.9 23.9

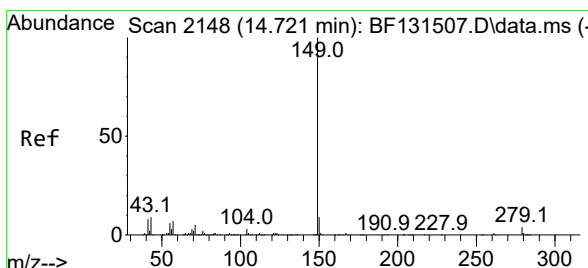
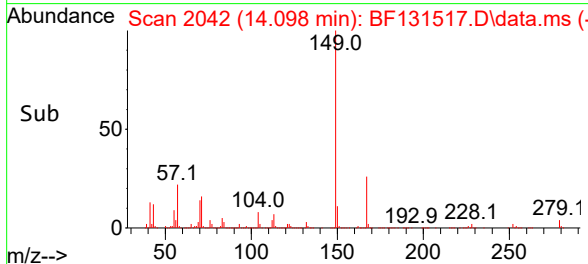
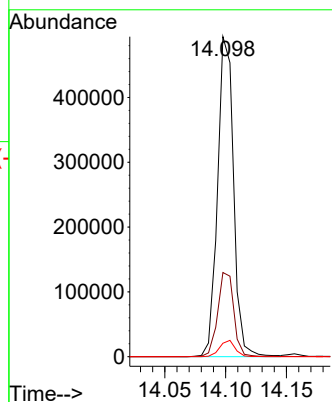
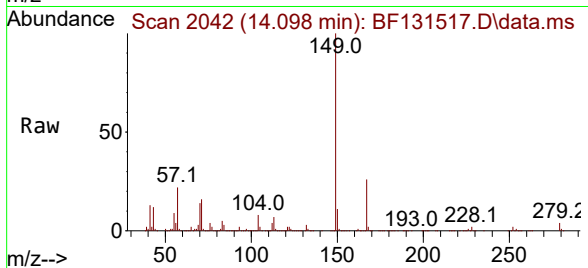




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.274 ng
 RT: 14.098 min Scan# 2042
 Delta R.T. -0.000 min
 Lab File: BF131517.D
 Acq: 06 Dec 2022 00:31

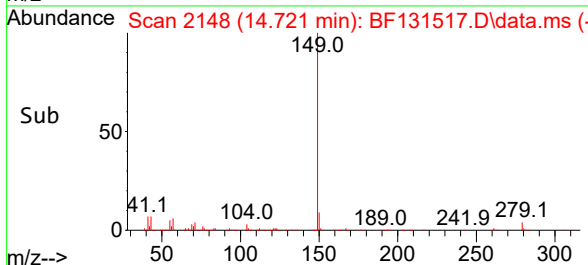
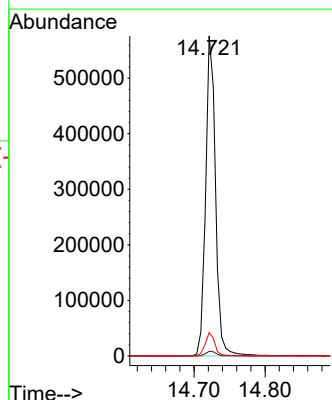
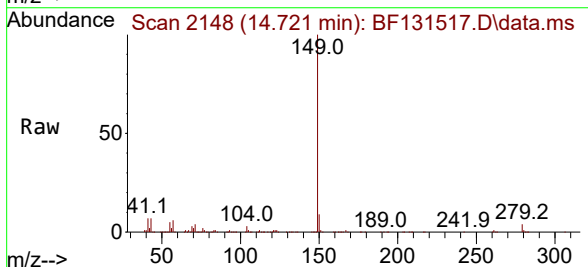
Instrument :
 BNA_F
 ClientSampleId :
 PB149384BSD

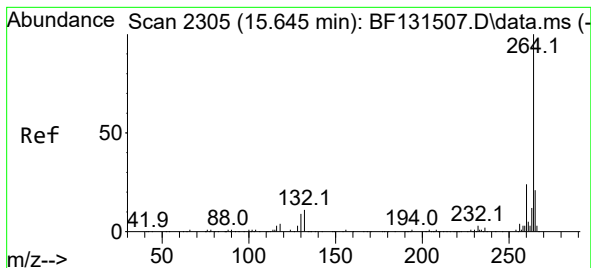
Tgt Ion:149 Resp: 453506
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.7 32.5
 279 4.2 3.5 5.3



#85
 Di-n-octyl phthalate
 Concen: 47.917 ng
 RT: 14.721 min Scan# 2148
 Delta R.T. 0.000 min
 Lab File: BF131517.D
 Acq: 06 Dec 2022 00:31

Tgt Ion:149 Resp: 559647
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 7.2 7.4 11.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131517.D

Acq: 06 Dec 2022 00:31

Instrument :

BNA_F

ClientSampleId :

PB149384BSD

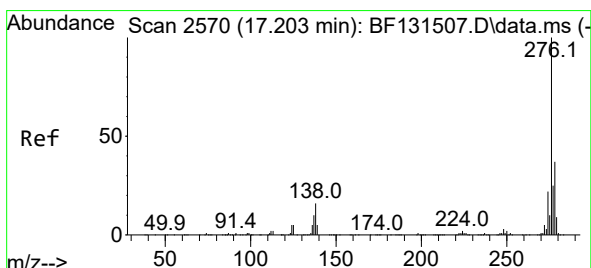
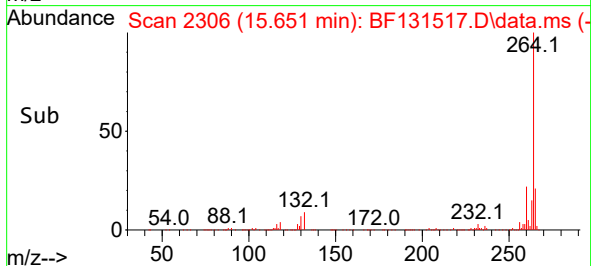
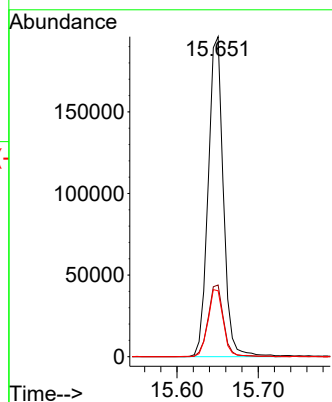
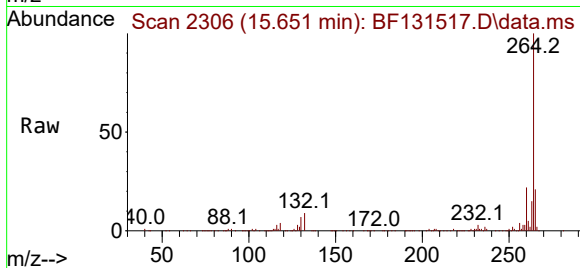
Tgt Ion:264 Resp: 253766

Ion Ratio Lower Upper

264 100

260 22.4 19.0 28.4

265 20.6 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 37.203 ng

RT: 17.203 min Scan# 2570

Delta R.T. 0.000 min

Lab File: BF131517.D

Acq: 06 Dec 2022 00:31

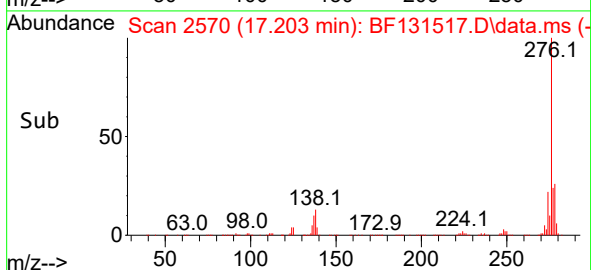
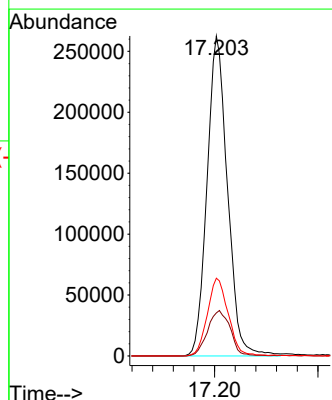
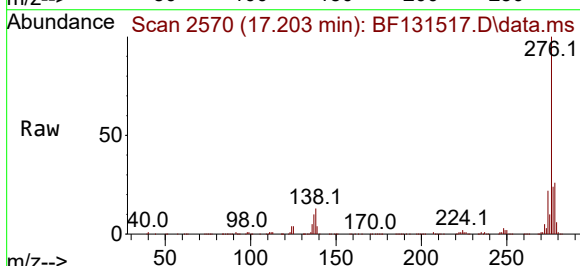
Tgt Ion:276 Resp: 720836

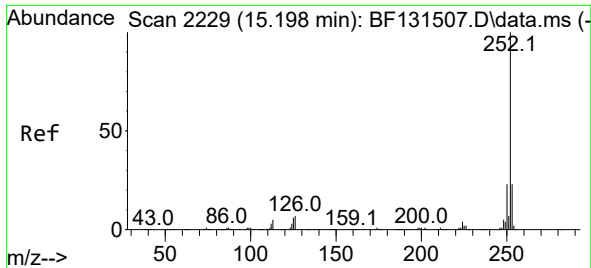
Ion Ratio Lower Upper

276 100

138 15.8 13.2 19.8

277 24.8 19.6 29.4

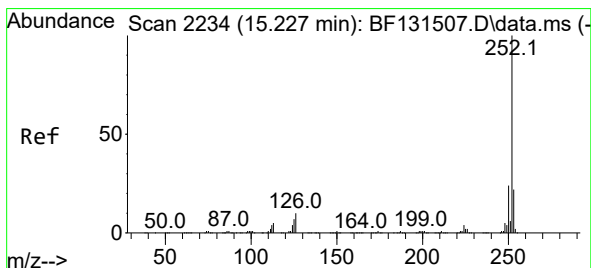
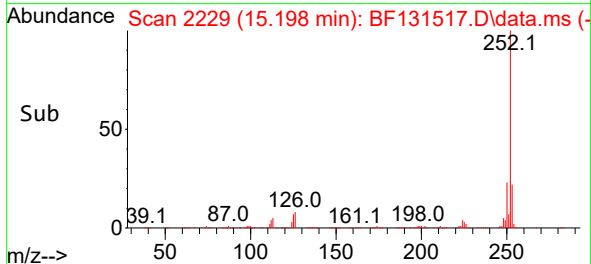
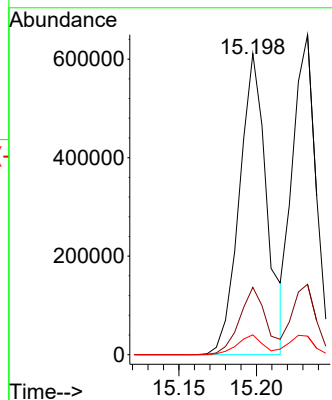
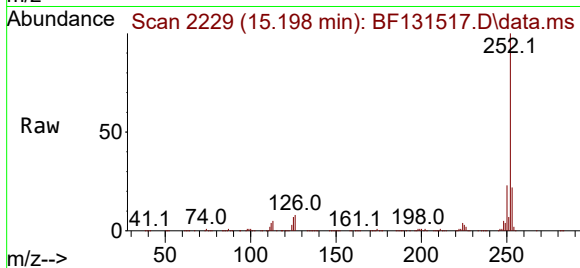




#88
Benzo(b)fluoranthene
Concen: 45.643 ng
RT: 15.198 min Scan# 211
Delta R.T. -0.000 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

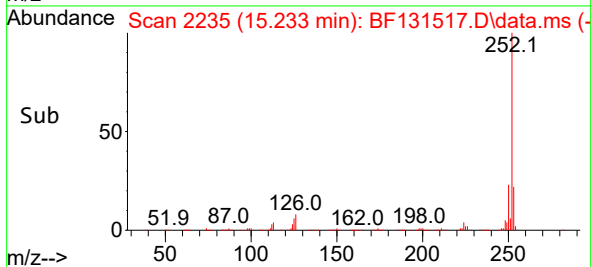
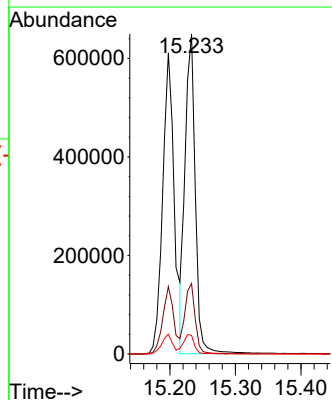
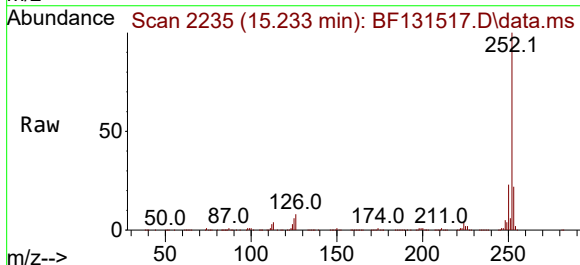
Instrument :
BNA_F
ClientSampleId :
PB149384BSD

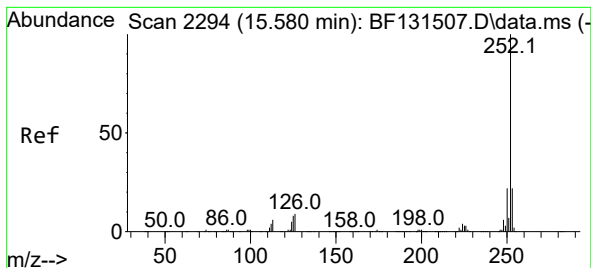
Tgt Ion:252 Resp: 752397
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 6.6 5.0 7.6



#89
Benzo(k)fluoranthene
Concen: 39.096 ng
RT: 15.233 min Scan# 2235
Delta R.T. 0.006 min
Lab File: BF131517.D
Acq: 06 Dec 2022 00:31

Tgt Ion:252 Resp: 699573
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 5.8 5.3 7.9





#90

Benzo(a)pyrene

Concen: 45.855 ng

RT: 15.586 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131517.D

Acq: 06 Dec 2022 00:31

Instrument :

BNA_F

ClientSampleId :

PB149384BSD

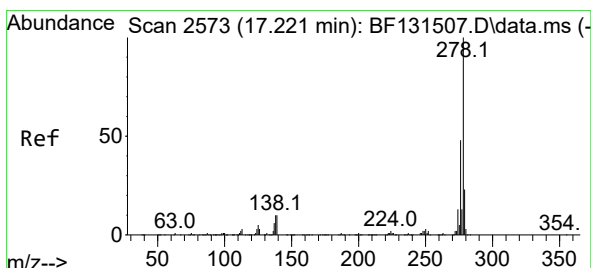
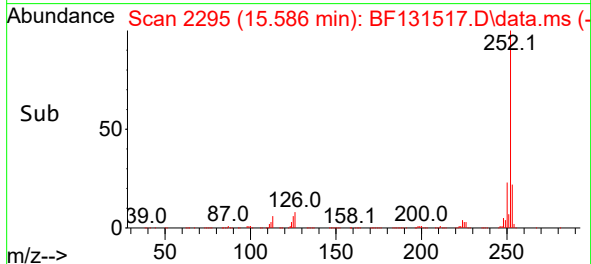
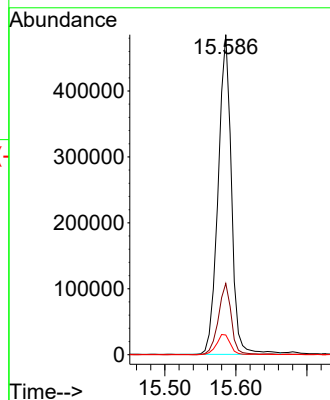
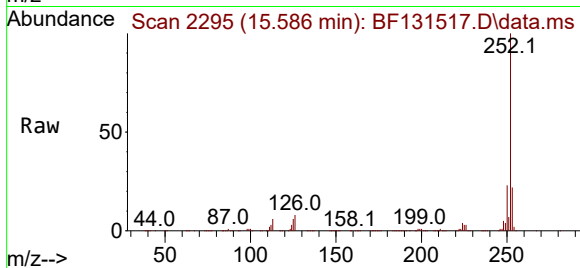
Tgt Ion:252 Resp: 627285

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 6.1 6.1 9.1



#91

Dibenzo(a,h)anthracene

Concen: 38.775 ng

RT: 17.227 min Scan# 2574

Delta R.T. 0.006 min

Lab File: BF131517.D

Acq: 06 Dec 2022 00:31

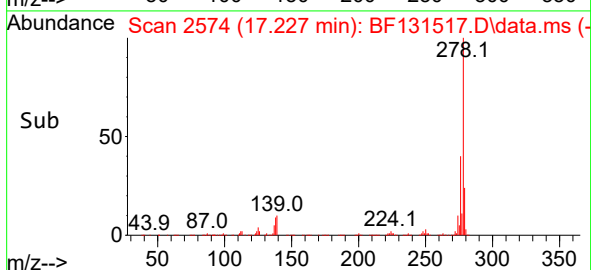
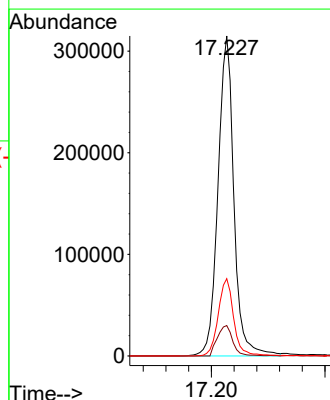
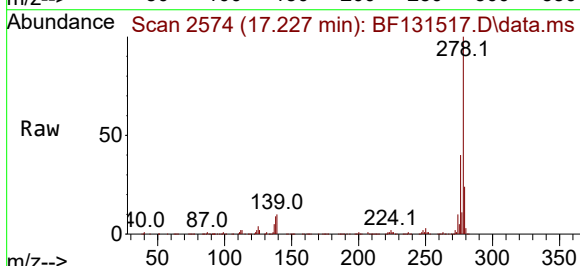
Tgt Ion:278 Resp: 612563

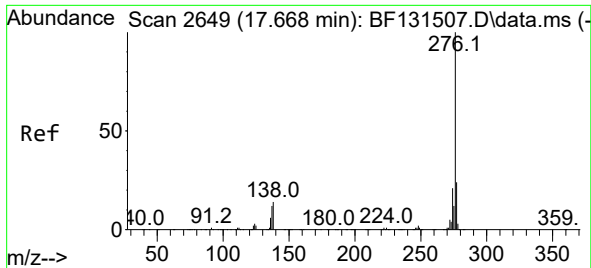
Ion Ratio Lower Upper

278 100

139 9.5 8.4 12.6

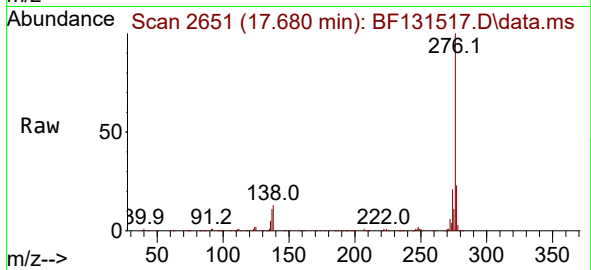
279 24.1 18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 39.824 ng
 RT: 17.680 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: BF131517.D
 Acq: 06 Dec 2022 00:31

Instrument :
 BNA_F
 ClientSampleId :
 PB149384BSD



Tgt Ion:276 Resp: 590150
 Ion Ratio Lower Upper
 276 100
 277 23.4 19.0 28.4
 138 13.0 11.7 17.5

