

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135333.D
 Acq On : 19 Sep 2023 14:12
 Operator : CG\JU
 Sample : PB155601BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155601BS

Quant Time: Sep 20 01:33:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	137062	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	534660	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	277079	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	535180	20.000	ng	0.00
76) Chrysene-d12	13.945	240	265687	20.000	ng	0.00
86) Perylene-d12	15.410	264	239505	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1034735	122.787	ng	0.02
7) Phenol-d6	6.410	99	1335877	124.667	ng	0.00
23) Nitrobenzene-d5	7.328	82	879334	89.353	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	336662	122.267	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1484011	80.806	ng	0.00
79) Terphenyl-d14	12.886	244	1544043	90.090	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	142962	38.698	ng	99
3) Pyridine	3.322	79	374744	37.690	ng	96
4) n-Nitrosodimethylamine	3.281	42	253120	47.974	ng	97
6) Aniline	6.428	93	400786	28.522	ng	# 49
8) 2-Chlorophenol	6.545	128	425529	47.302	ng	99
9) Benzaldehyde	6.316	77	155522	25.477	ng	97
10) Phenol	6.422	94	481049	40.940	ng	81
11) bis(2-Chloroethyl)ether	6.504	93	402941	45.717	ng	100
12) 1,3-Dichlorobenzene	6.698	146	411093	44.965	ng	99
13) 1,4-Dichlorobenzene	6.775	146	418048	44.944	ng	99
14) 1,2-Dichlorobenzene	6.928	146	395301	45.763	ng	98
15) Benzyl Alcohol	6.910	79	355188	46.192	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.034	45	782830	47.121	ng	89
17) 2-Methylphenol	7.022	107	340401	42.879	ng	97
18) Hexachloroethane	7.263	117	165382	48.120	ng	92
19) n-Nitroso-di-n-propyla...	7.181	70	276042	41.590	ng	94
20) 3+4-Methylphenols	7.175	107	382856	40.107	ng	96
22) Acetophenone	7.169	105	541446	44.295	ng	# 97
24) Nitrobenzene	7.345	77	434689	44.689	ng	99
25) Isophorone	7.587	82	828801	45.864	ng	99
26) 2-Nitrophenol	7.657	139	227853	48.808	ng	100
27) 2,4-Dimethylphenol	7.704	122	377600	48.120	ng	97
28) bis(2-Chloroethoxy)met...	7.792	93	507123	46.887	ng	99
29) 2,4-Dichlorophenol	7.904	162	338904	46.609	ng	99
30) 1,2,4-Trichlorobenzene	7.981	180	351608	46.264	ng	99
31) Naphthalene	8.063	128	1174500	45.212	ng	99
32) Benzoic acid	7.851	122	287755	48.699	ng	99
33) 4-Chloroaniline	8.116	127	241492	21.188	ng	98
34) Hexachlorobutadiene	8.175	225	206468	45.054	ng	99
35) Caprolactam	8.498	113	68687	28.147	ng	99
36) 4-Chloro-3-methylphenol	8.610	107	383019	47.396	ng	98
37) 2-Methylnaphthalene	8.751	142	759548	43.497	ng	98
38) 1-Methylnaphthalene	8.851	142	702431	42.966	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	351251	43.757	ng	99
41) Hexachlorocyclopentadiene	8.904	237	272512	77.318	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	238886	45.452	ng	98

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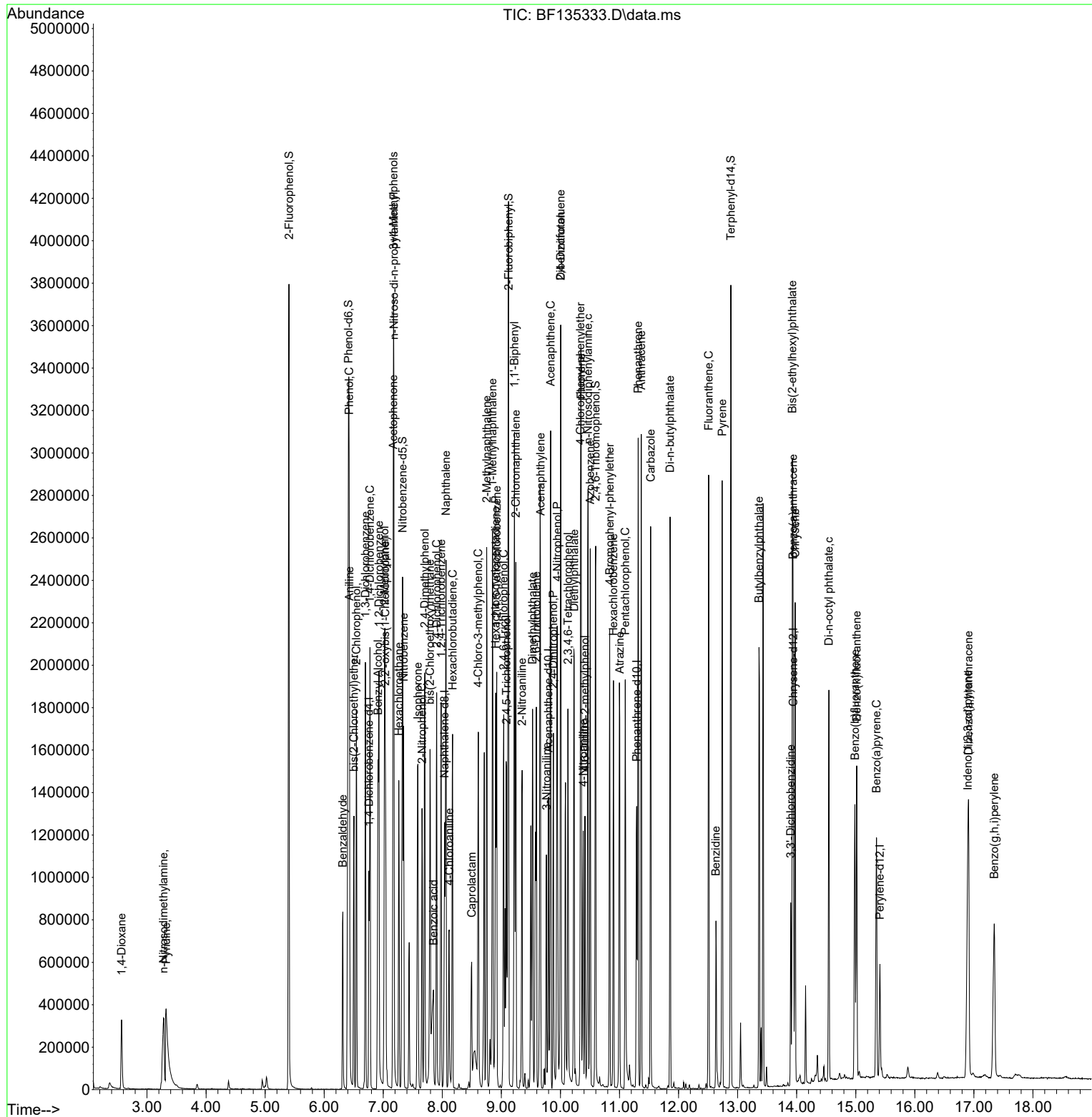
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	254935	42.120	ng	99
46) 1,1'-Biphenyl	9.222	154	941507	44.217	ng	99
47) 2-Chloronaphthalene	9.245	162	696630	45.091	ng	97
48) 2-Nitroaniline	9.351	65	279149	46.509	ng	97
49) Acenaphthylene	9.663	152	1091231	42.500	ng	100
50) Dimethylphthalate	9.528	163	856747	45.734	ng	99
51) 2,6-Dinitrotoluene	9.592	165	189736	46.234	ng	99
52) Acenaphthene	9.833	154	672176	44.316	ng	98
53) 3-Nitroaniline	9.763	138	149044	30.940	ng	98
54) 2,4-Dinitrophenol	9.881	184	200511	85.592	ng	96
55) Dibenzofuran	10.004	168	963464	41.626	ng	96
56) 4-Nitrophenol	9.945	139	268897	87.829	ng	99
57) 2,4-Dinitrotoluene	10.004	165	225552	43.902	ng	# 84
58) Fluorene	10.351	166	764484	42.964	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	218471	46.923	ng	100
60) Diethylphthalate	10.233	149	859332	45.708	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	354595	41.485	ng	99
62) 4-Nitroaniline	10.386	138	214431	46.308	ng	99
63) Azobenzene	10.504	77	837071	45.493	ng	96
65) 4,6-Dinitro-2-methylph...	10.416	198	141299	49.709	ng	98
66) n-Nitrosodiphenylamine	10.469	169	721731	44.545	ng	97
67) 4-Bromophenyl-phenylether	10.833	248	237230	44.569	ng	94
68) Hexachlorobenzene	10.898	284	249282	45.970	ng	# 88
69) Atrazine	11.004	200	240163	55.088	ng	99
70) Pentachlorophenol	11.098	266	250659	77.260	ng	97
71) Phenanthrene	11.316	178	1137976	44.958	ng	98
72) Anthracene	11.369	178	1160723	44.613	ng	100
73) Carbazole	11.527	167	1119942	47.286	ng	100
74) Di-n-butylphthalate	11.857	149	1337470	47.923	ng	99
75) Fluoranthene	12.510	202	1227013	46.523	ng	99
77) Benzidine	12.633	184	318647	58.542	ng	100
78) Pyrene	12.739	202	1220466	48.248	ng	99
80) Butylbenzylphthalate	13.363	149	485884	54.556	ng	92
81) Benzo(a)anthracene	13.939	228	774741	45.158	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	185323	34.583	ng	# 97
83) Chrysene	13.974	228	757912	44.434	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	543704	59.491	ng	100
85) Di-n-octyl phthalate	14.545	149	820829	56.515	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	776620	49.455	ng	98
88) Benzo(b)fluoranthene	14.986	252	640078	49.369	ng	99
89) Benzo(k)fluoranthene	15.015	252	634445	49.537	ng	99
90) Benzo(a)pyrene	15.351	252	580631	46.961	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	630308	49.055	ng	99
92) Benzo(g,h,i)perylene	17.345	276	659288	49.131	ng	99

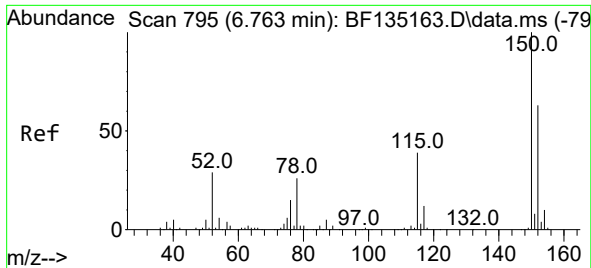
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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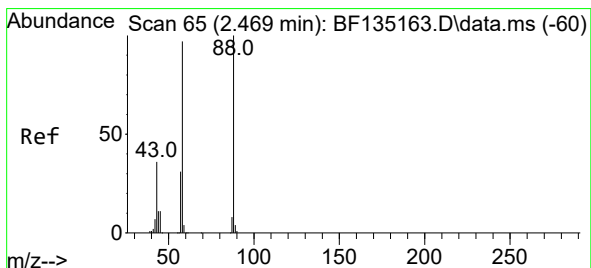
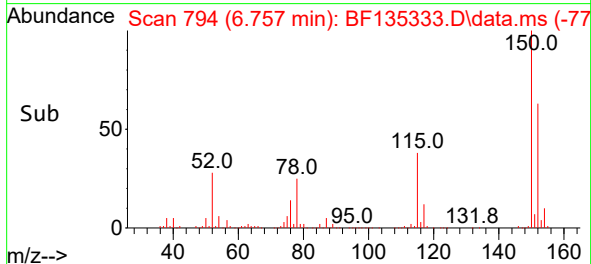
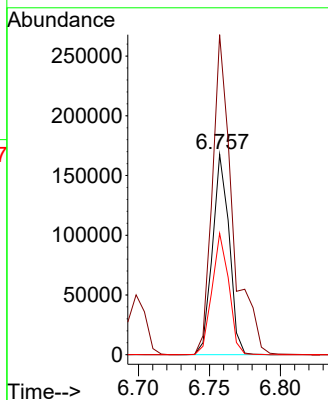
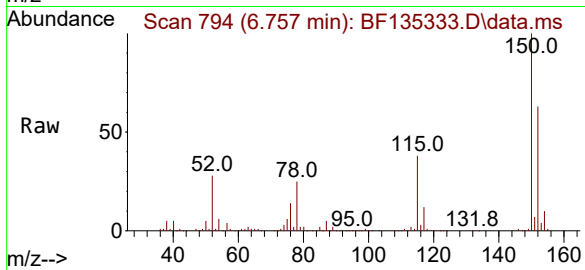




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF135333.D
 Acq: 19 Sep 2023 14:12

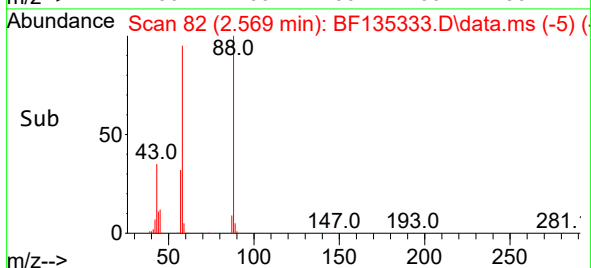
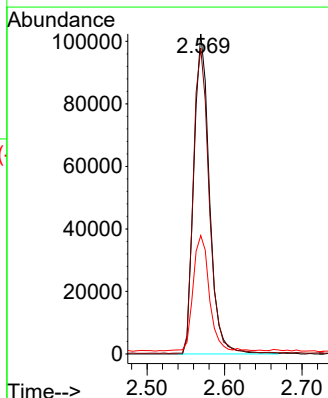
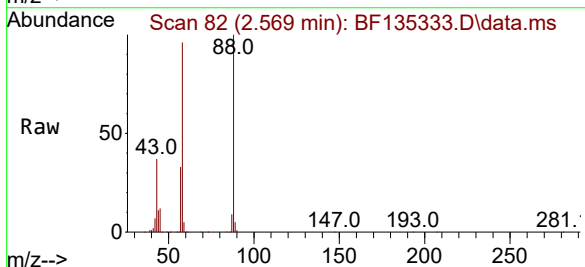
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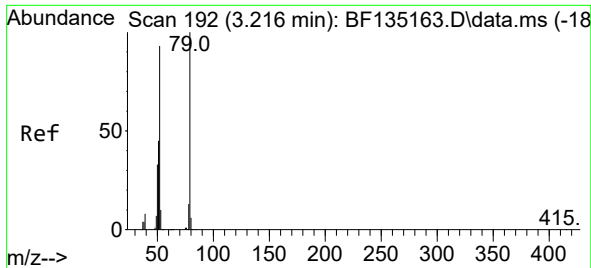
Tgt Ion:152 Resp: 137062
 Ion Ratio Lower Upper
 152 100
 150 159.7 127.8 191.6
 115 60.6 49.8 74.8



#2
 1,4-Dioxane
 Concen: 38.698 ng
 RT: 2.569 min Scan# 82
 Delta R.T. 0.100 min
 Lab File: BF135333.D
 Acq: 19 Sep 2023 14:12

Tgt Ion: 88 Resp: 142962
 Ion Ratio Lower Upper
 88 100
 58 97.0 78.3 117.5
 43 37.1 29.4 44.0

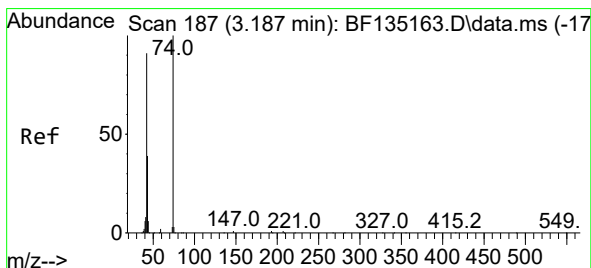
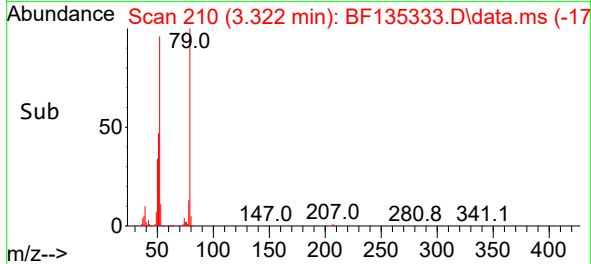
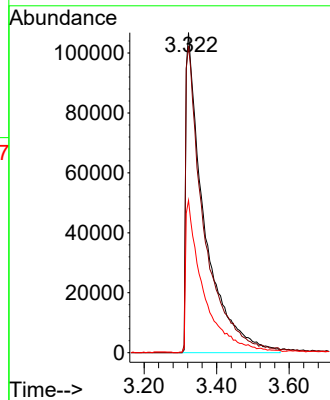
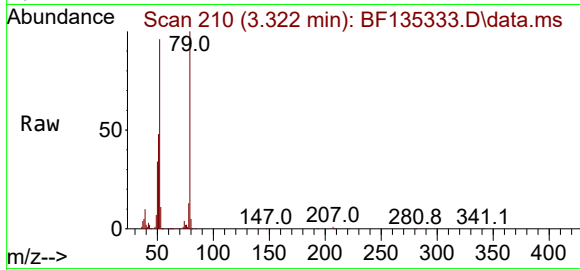




#3
 Pyridine
 Concen: 37.690 ng
 RT: 3.322 min Scan# 21
 Delta R.T. 0.106 min
 Lab File: BF135333.D
 Acq: 19 Sep 2023 14:12

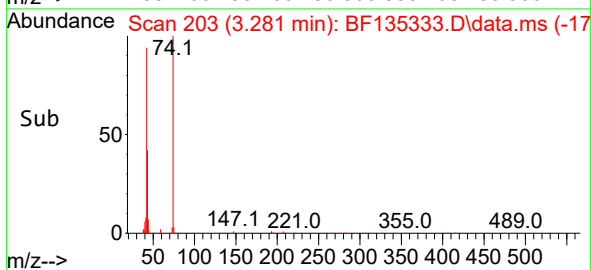
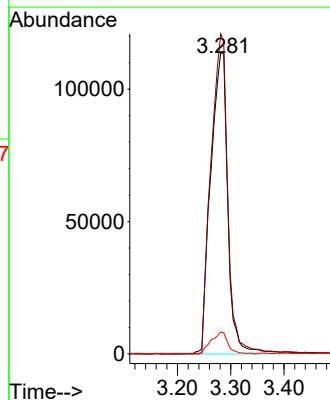
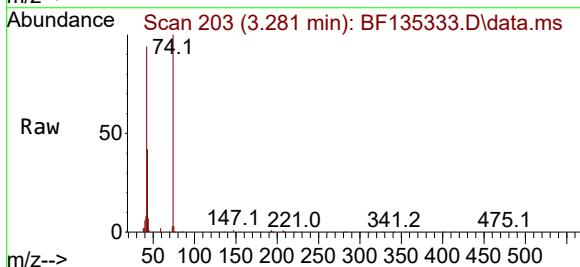
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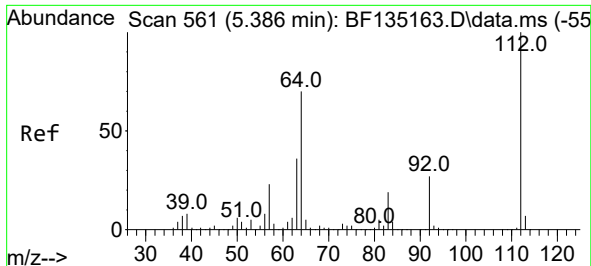
Tgt Ion: 79 Resp: 374744
 Ion Ratio Lower Upper
 79 100
 52 95.9 74.1 111.1
 51 47.6 35.8 53.8



#4
 n-Nitrosodimethylamine
 Concen: 47.974 ng
 RT: 3.281 min Scan# 203
 Delta R.T. 0.094 min
 Lab File: BF135333.D
 Acq: 19 Sep 2023 14:12

Tgt Ion: 42 Resp: 253120
 Ion Ratio Lower Upper
 42 100
 74 106.2 87.7 131.5
 44 7.3 5.6 8.4

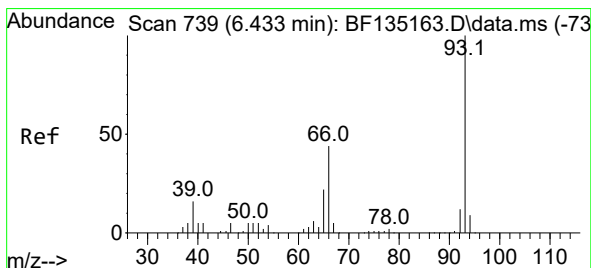
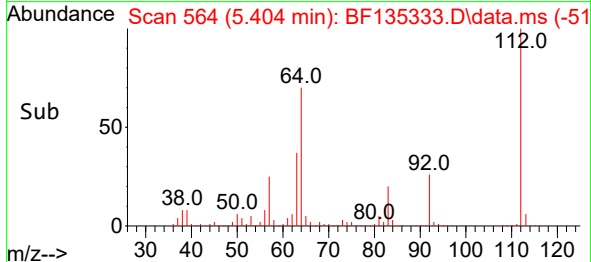
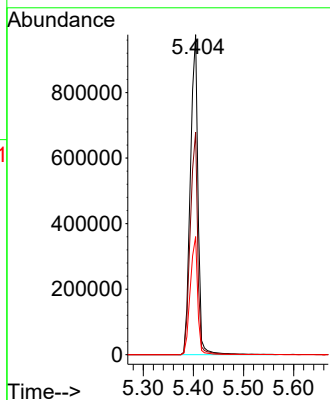
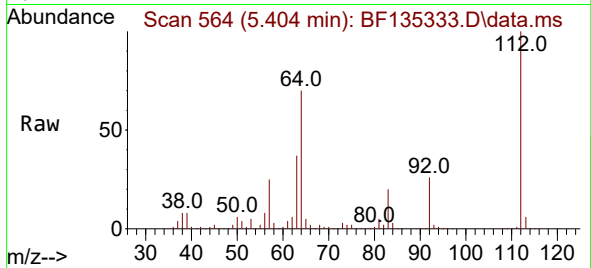




#5
2-Fluorophenol
Concen: 122.787 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

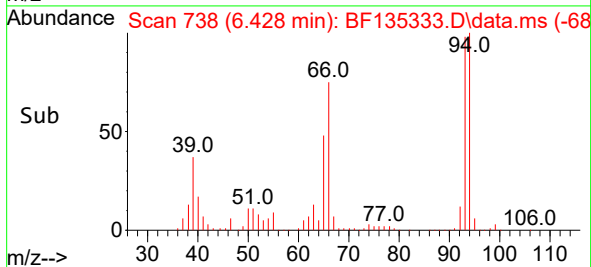
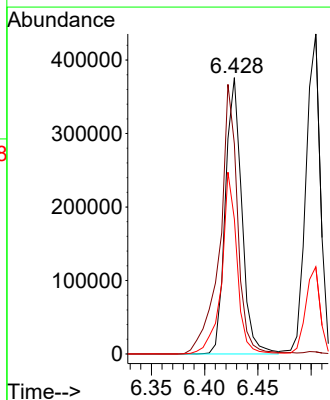
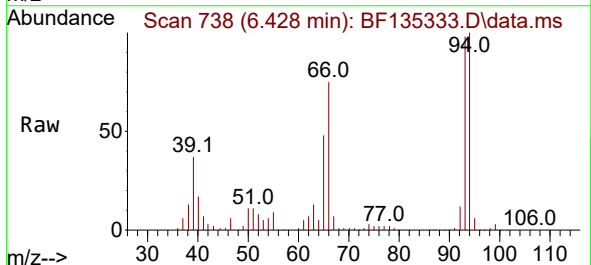
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ClientSampleId :
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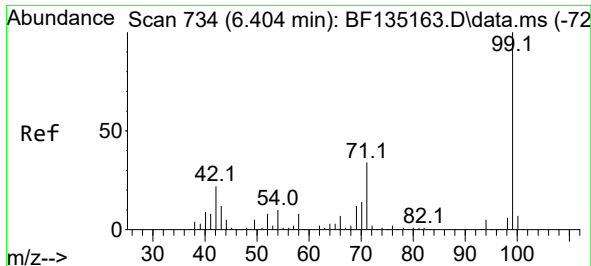
Tgt Ion:112 Resp: 1034735
Ion Ratio Lower Upper
112 100
64 69.6 55.9 83.9
63 36.9 29.0 43.6



#6
Aniline
Concen: 28.522 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Tgt Ion: 93 Resp: 400786
Ion Ratio Lower Upper
93 100
66 76.0 35.4 53.0#
65 48.8 17.8 26.8#

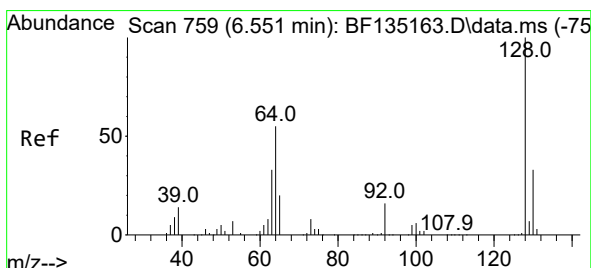
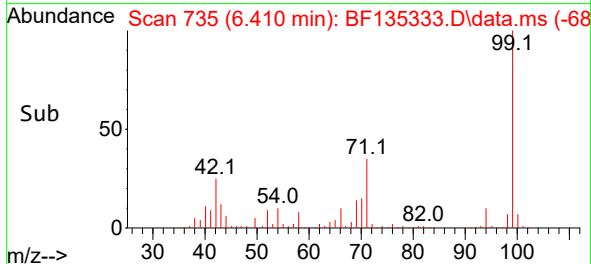
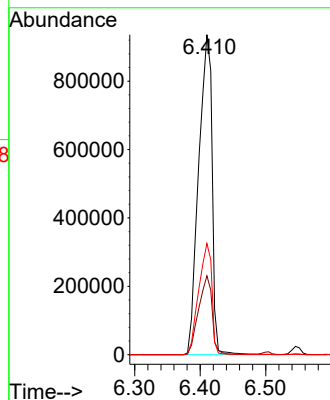
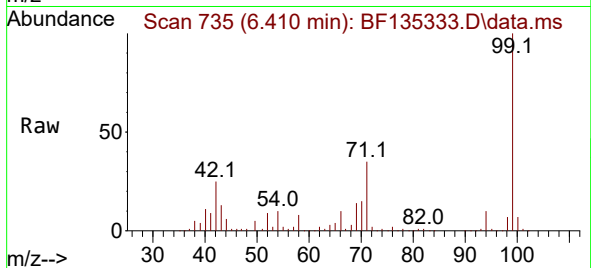




#7
Phenol-d6
Concen: 124.667 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135333.D
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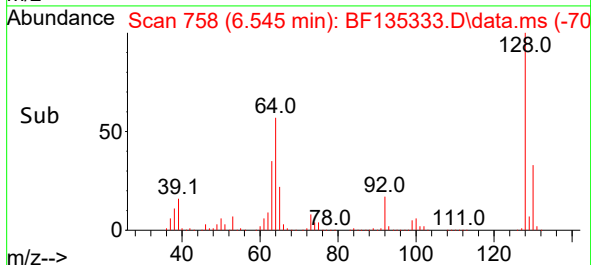
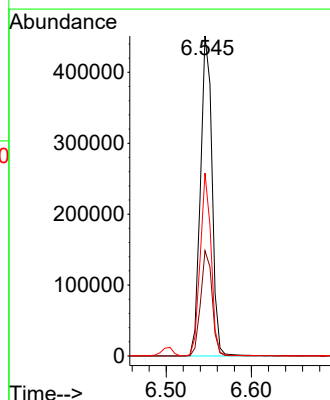
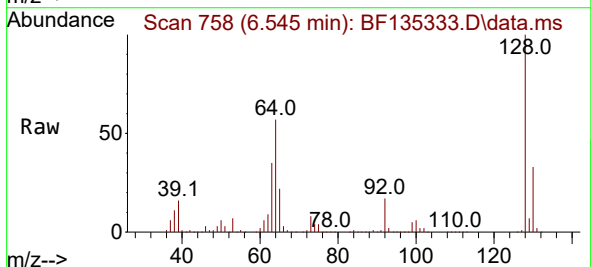
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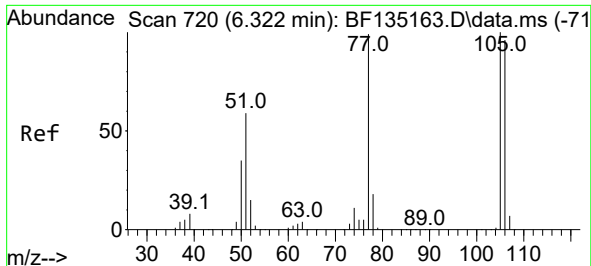
Tgt Ion: 99 Resp: 1335877
Ion Ratio Lower Upper
99 100
42 24.6 17.9 26.9
71 34.7 27.0 40.6



#8
2-Chlorophenol
Concen: 47.302 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Tgt Ion:128 Resp: 425529
Ion Ratio Lower Upper
128 100
130 32.9 12.7 52.7
64 57.1 35.9 75.9

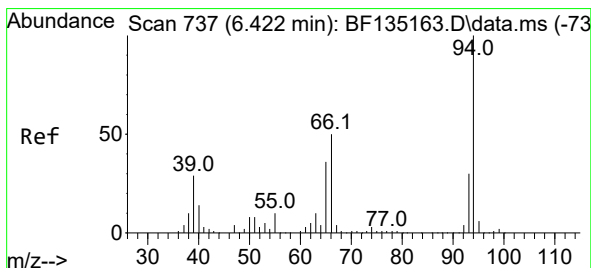
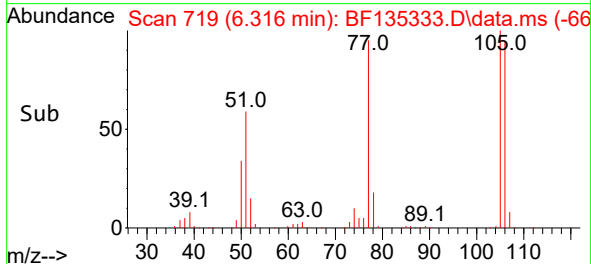
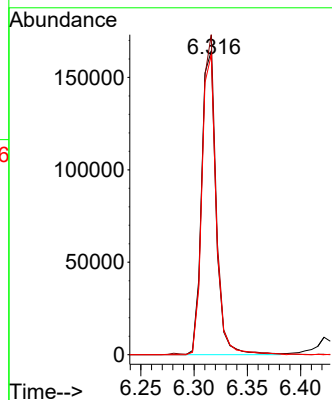
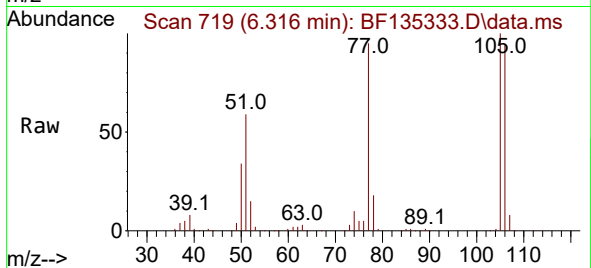




#9
Benzaldehyde
Concen: 25.477 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
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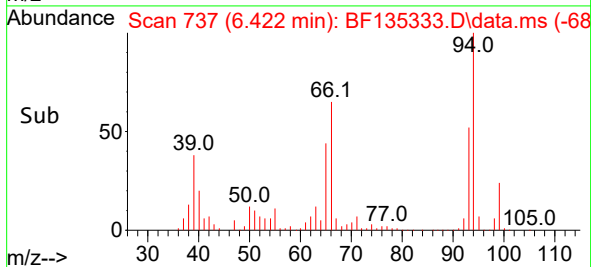
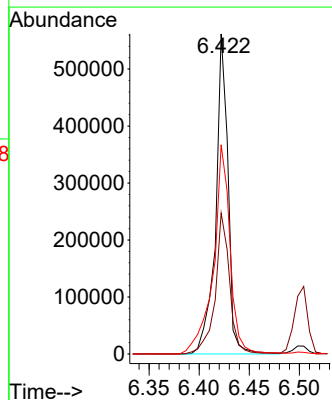
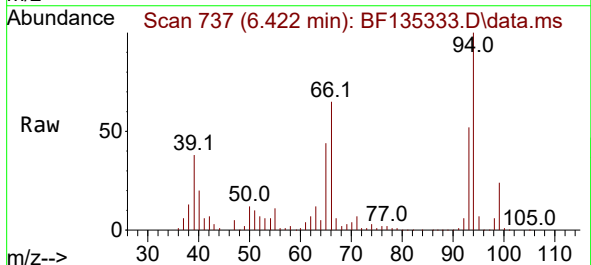
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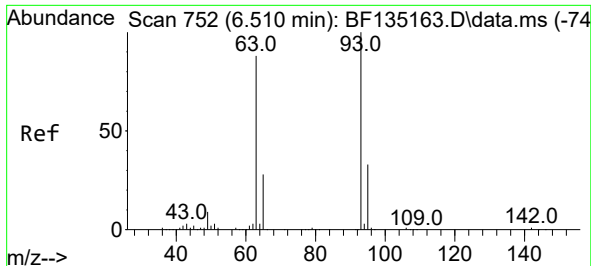
Tgt Ion: 77 Resp: 155522
Ion Ratio Lower Upper
77 100
105 105.4 81.4 121.4
106 98.7 76.9 116.9



#10
Phenol
Concen: 40.940 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 481049
Ion Ratio Lower Upper
94 100
65 44.1 15.9 55.9
66 65.3 29.8 69.8

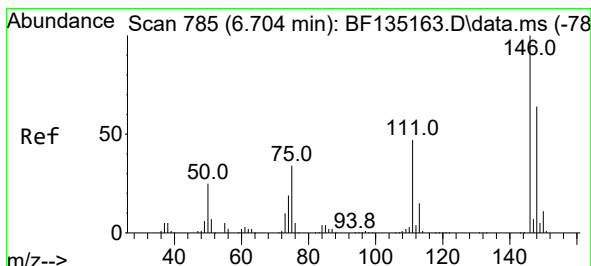
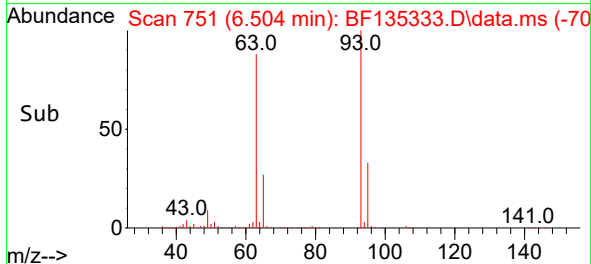
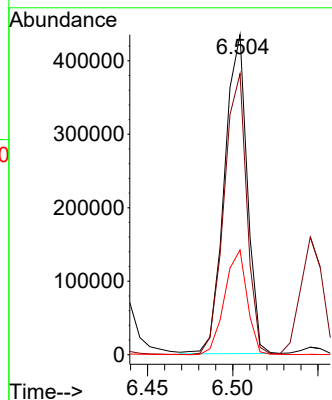
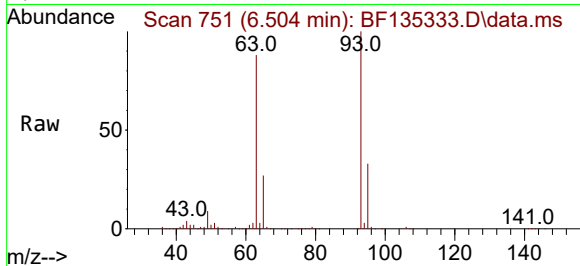




#11
bis(2-Chloroethyl)ether
Concen: 45.717 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

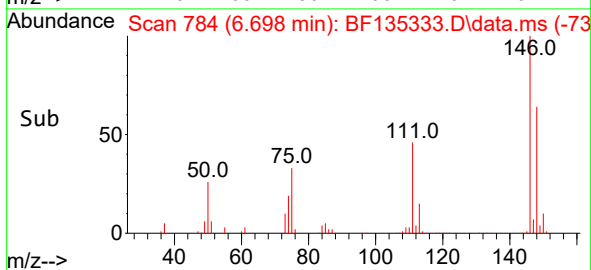
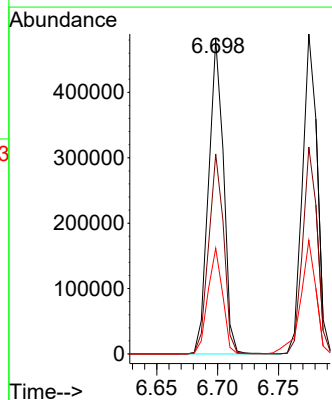
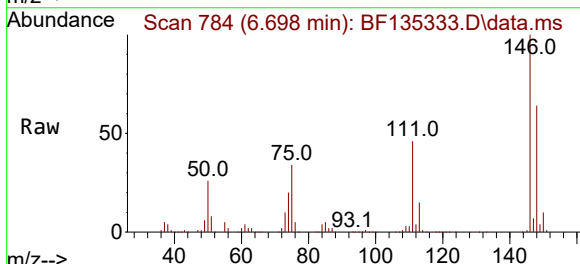
Instrument :
BNA_F
ClientSampleId :
PB155601BS

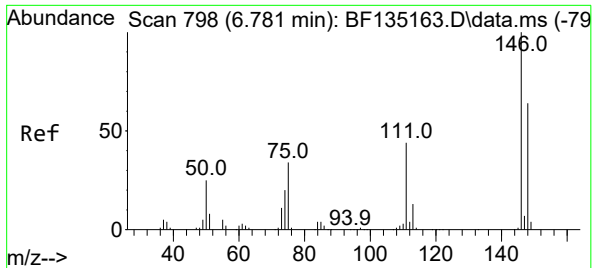
Tgt Ion: 93 Resp: 402941
Ion Ratio Lower Upper
93 100
63 87.8 67.3 107.3
95 32.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 44.965 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Tgt Ion:146 Resp: 411093
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 33.6 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 44.944 ng

RT: 6.775 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155601BS

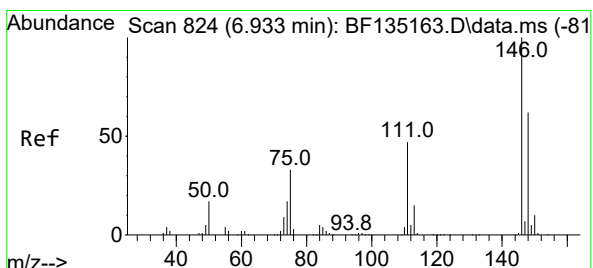
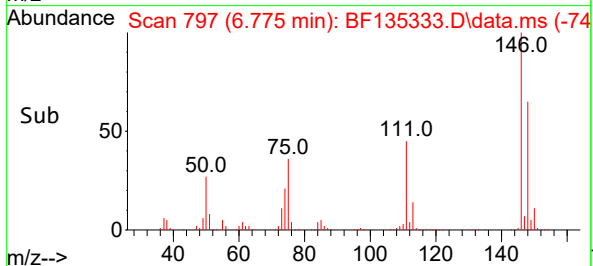
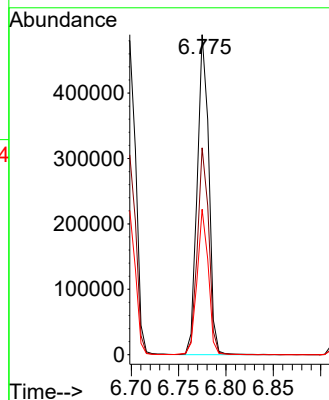
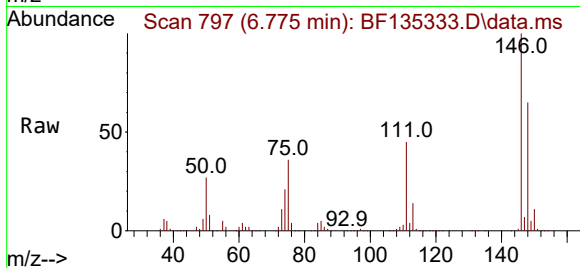
Tgt Ion:146 Resp: 418048

Ion Ratio Lower Upper

146 100

148 64.7 51.3 76.9

111 45.4 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 45.763 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

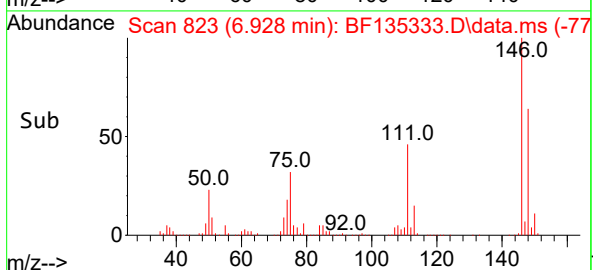
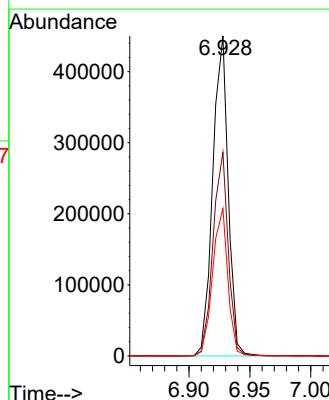
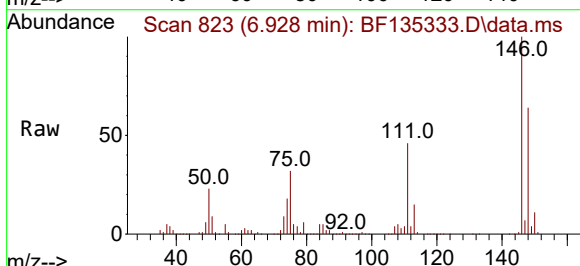
Tgt Ion:146 Resp: 395301

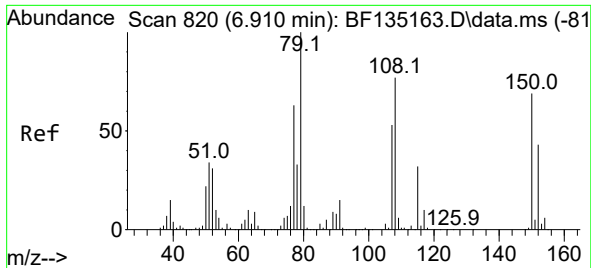
Ion Ratio Lower Upper

146 100

148 63.6 49.7 74.5

111 46.1 37.4 56.2

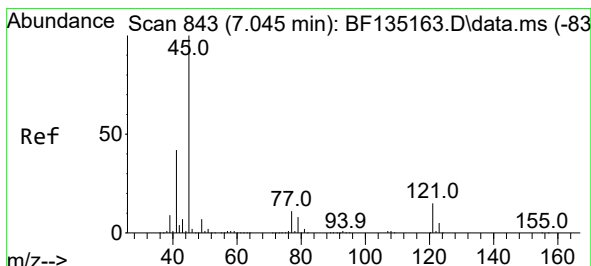
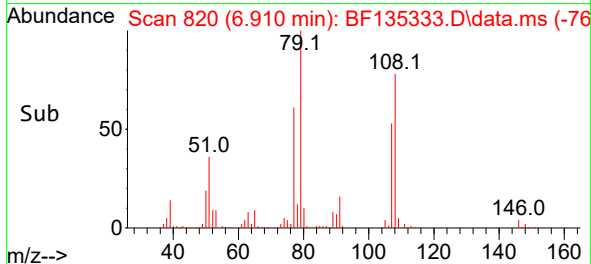
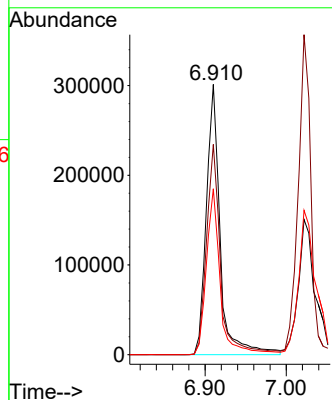
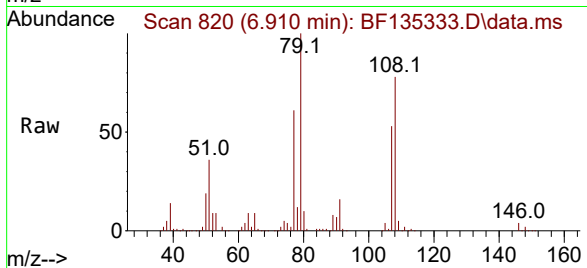




#15
Benzyl Alcohol
Concen: 46.192 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

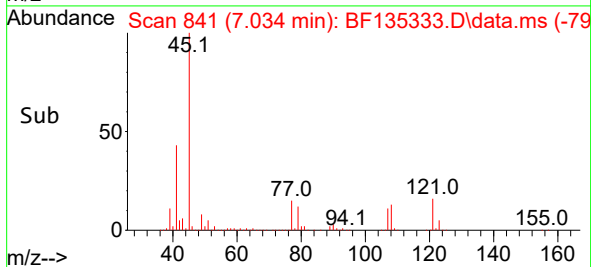
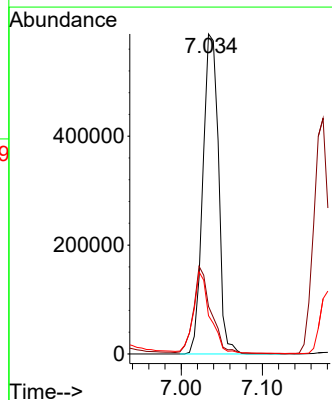
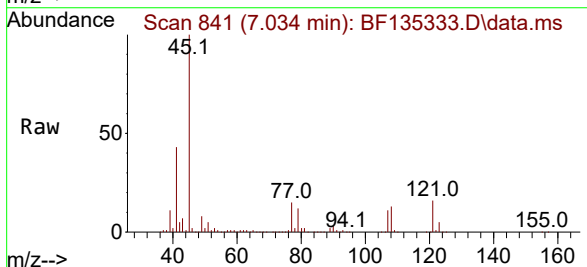
Instrument :
BNA_F
ClientSampleId :
PB155601BS

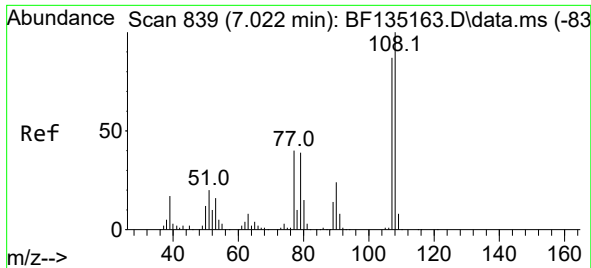
Tgt Ion: 79 Resp: 355188
Ion Ratio Lower Upper
79 100
108 77.8 61.2 91.8
77 61.4 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.121 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Tgt Ion: 45 Resp: 782830
Ion Ratio Lower Upper
45 100
77 14.8 0.0 30.6
79 12.0 0.0 28.3

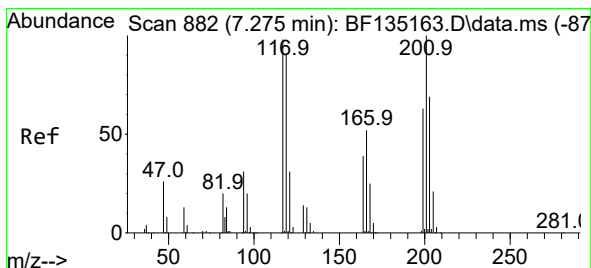
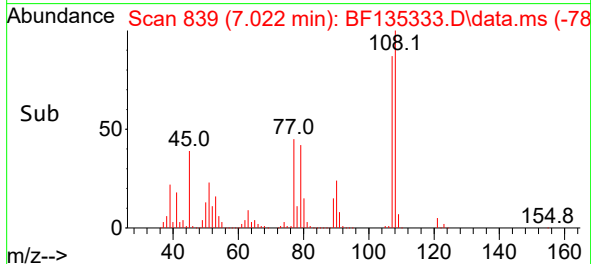
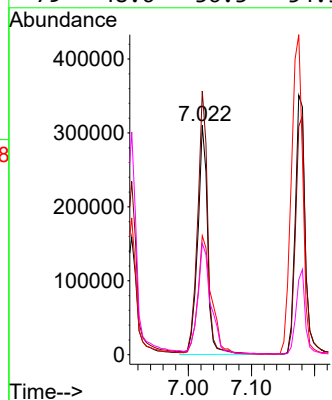
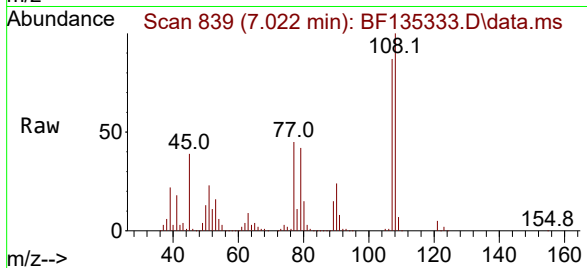




#17
2-Methylphenol
Concen: 42.879 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

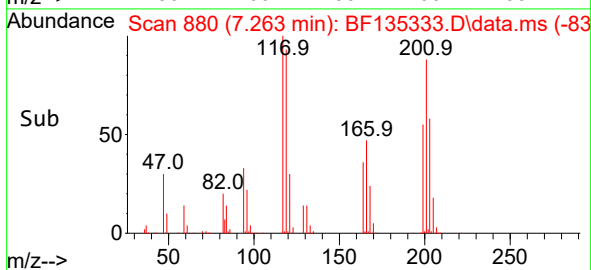
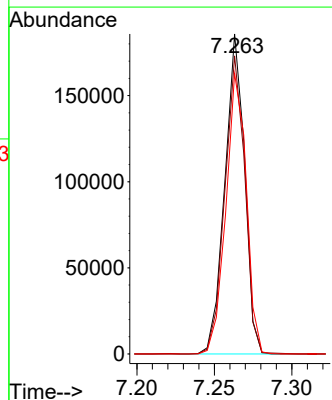
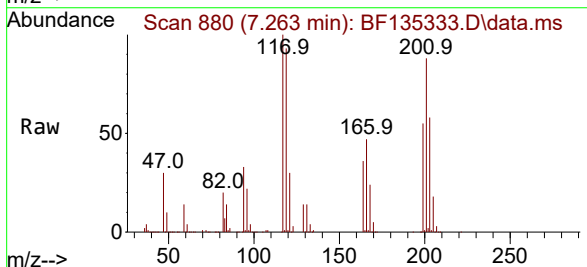
Instrument :
BNA_F
ClientSampleId :
PB155601BS

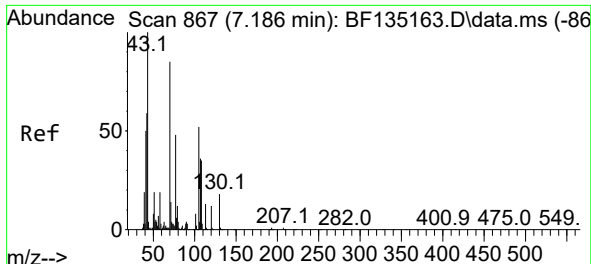
Tgt Ion:107 Resp: 340401
Ion Ratio Lower Upper
107 100
108 115.0 92.0 138.0
77 51.9 36.7 55.1
79 48.6 36.3 54.5



#18
Hexachloroethane
Concen: 48.120 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Tgt Ion:117 Resp: 165382
Ion Ratio Lower Upper
117 100
119 93.1 74.7 112.1
201 87.7 81.8 122.8

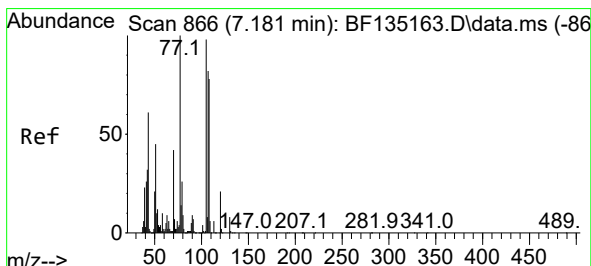
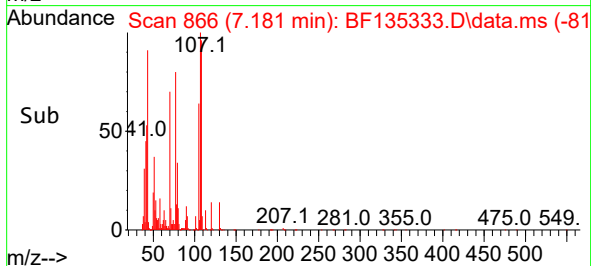
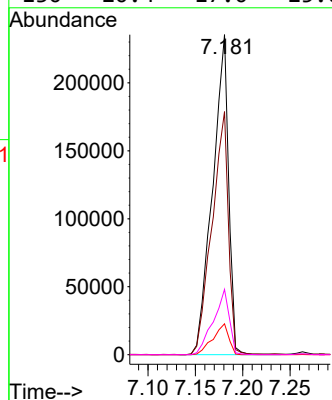
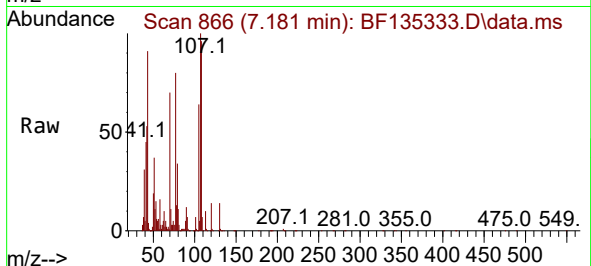




#19
n-Nitroso-di-n-propylamine
Concen: 41.590 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

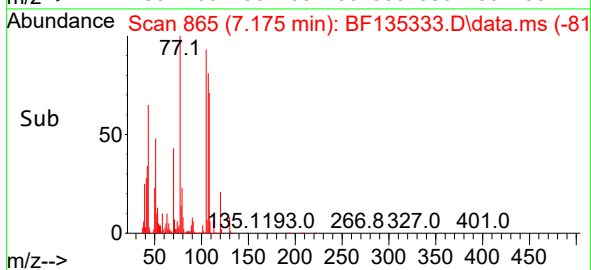
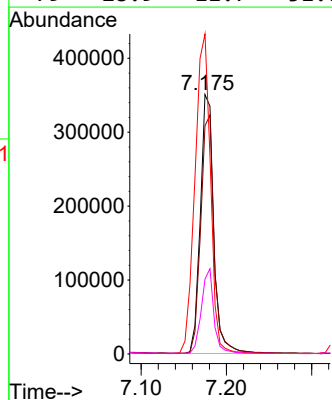
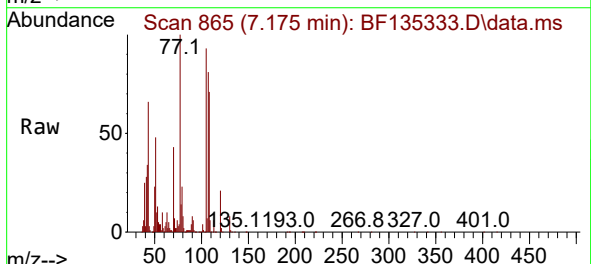
Instrument :
BNA_F
ClientSampleId :
PB155601BS

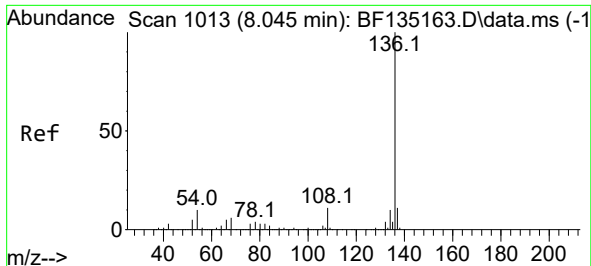
Tgt Ion: 70 Resp: 276042
Ion Ratio Lower Upper
70 100
42 76.0 55.4 83.0
101 9.7 7.7 11.5
130 20.4 17.0 25.6



#20
3+4-Methylphenols
Concen: 40.107 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Tgt Ion: 107 Resp: 382856
Ion Ratio Lower Upper
107 100
108 88.0 74.7 114.7
77 123.4 102.0 142.0
79 28.9 11.7 51.7

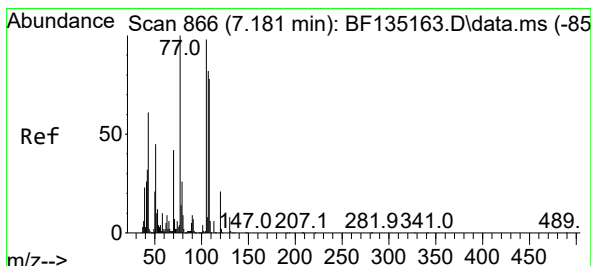
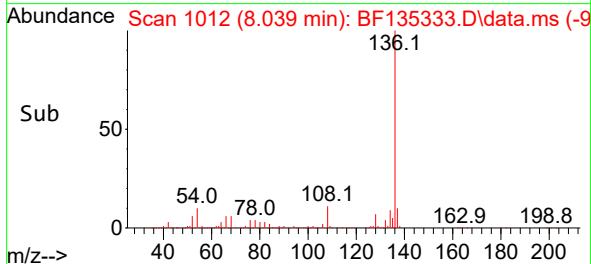
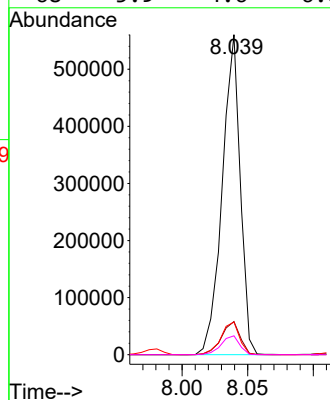
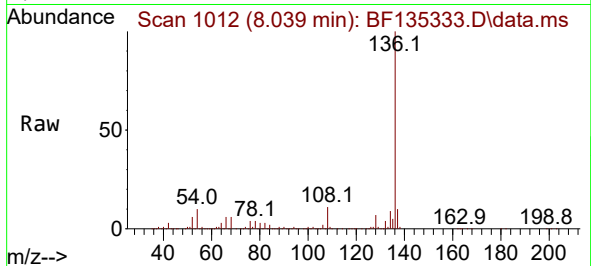




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

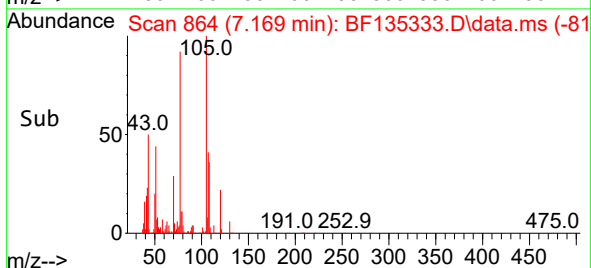
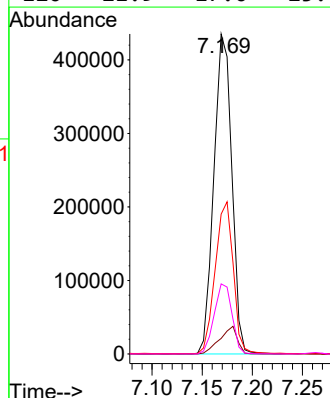
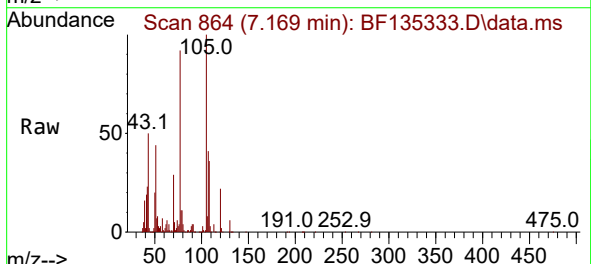
Instrument :
BNA_F
ClientSampleId :
PB155601BS

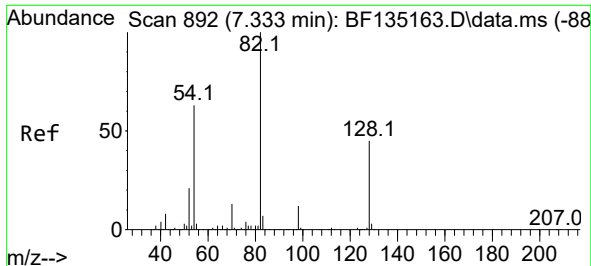
Tgt Ion:136 Resp: 534660
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 10.2 7.7 11.5
68 5.9 4.6 6.8



#22
Acetophenone
Concen: 44.295 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Tgt Ion:105 Resp: 541446
Ion Ratio Lower Upper
105 100
71 4.9 5.8 8.6#
51 43.7 37.0 55.4
120 21.9 17.0 25.6





#23

Nitrobenzene-d5

Concen: 89.353 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155601BS

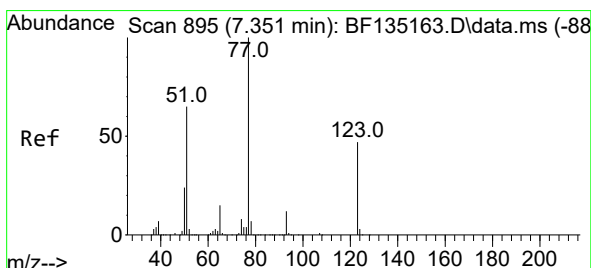
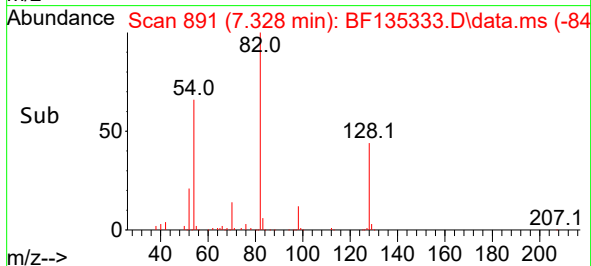
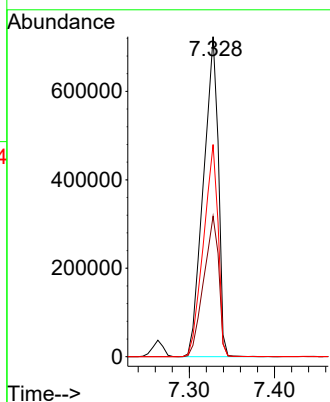
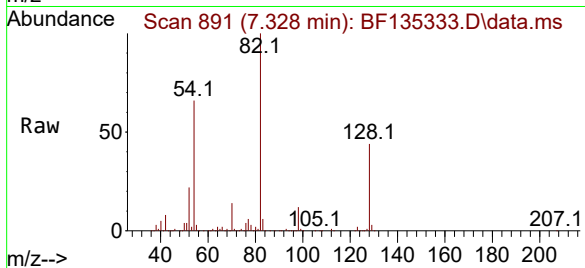
Tgt Ion: 82 Resp: 879334

Ion Ratio Lower Upper

82 100

128 43.9 35.8 53.6

54 66.3 50.6 76.0



#24

Nitrobenzene

Concen: 44.689 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

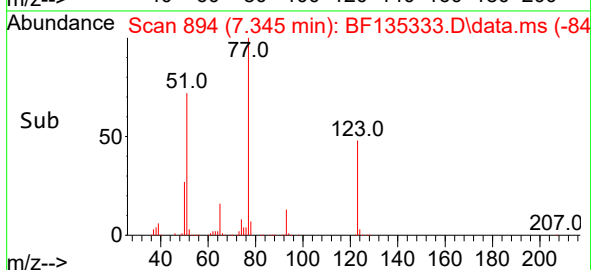
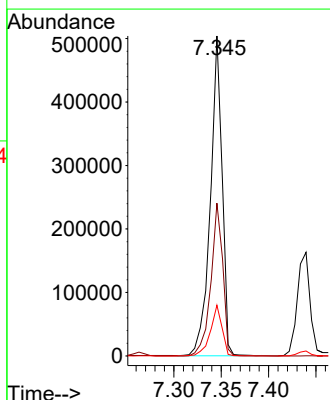
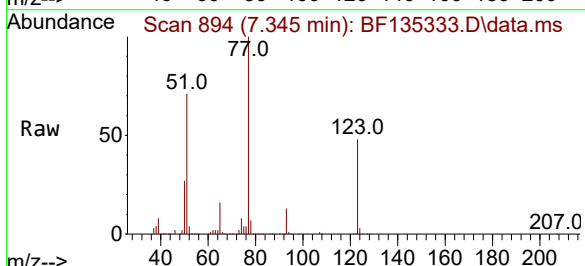
Tgt Ion: 77 Resp: 434689

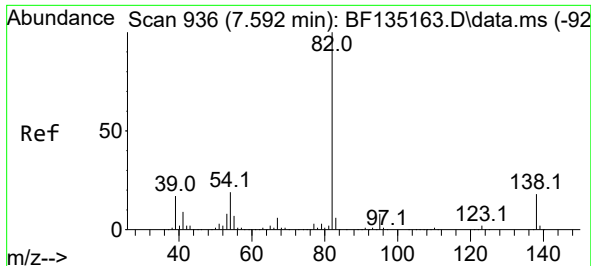
Ion Ratio Lower Upper

77 100

123 47.7 37.6 56.4

65 15.9 12.2 18.4

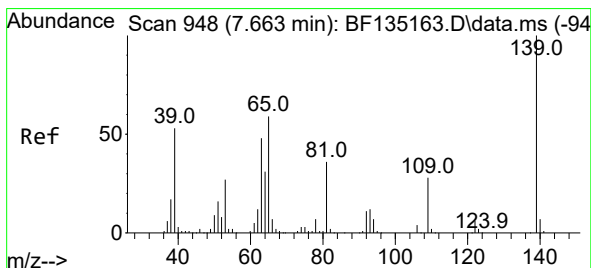
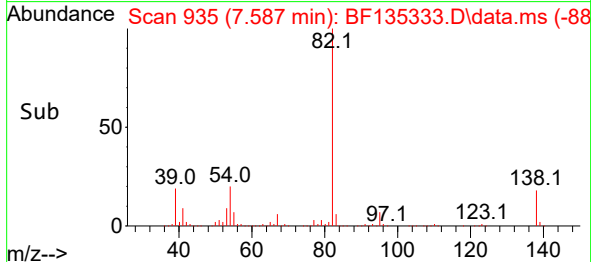
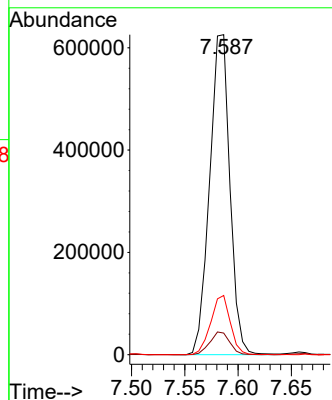
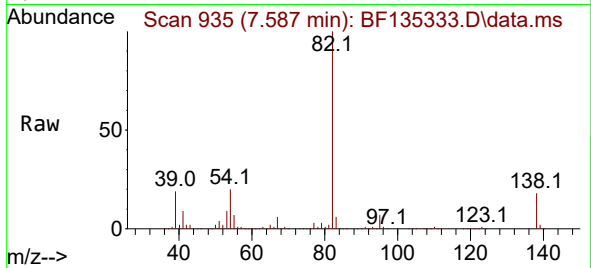




#25
Isophorone
Concen: 45.864 ng
RT: 7.587 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

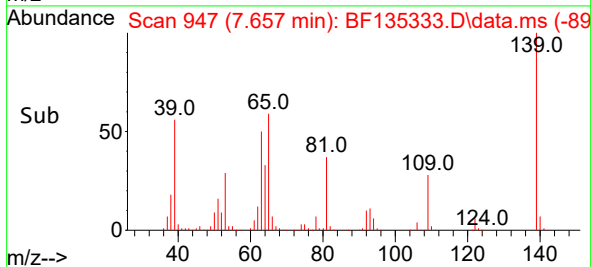
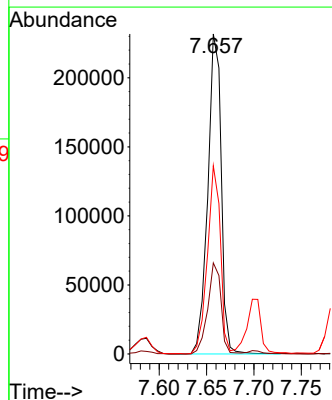
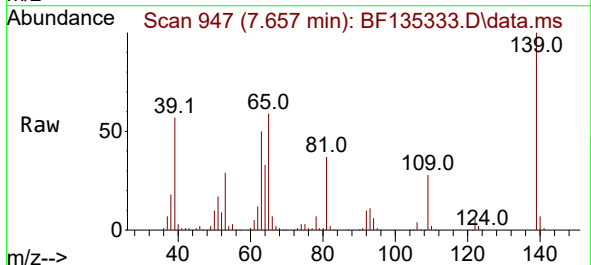
Instrument :
BNA_F
ClientSampleId :
PB155601BS

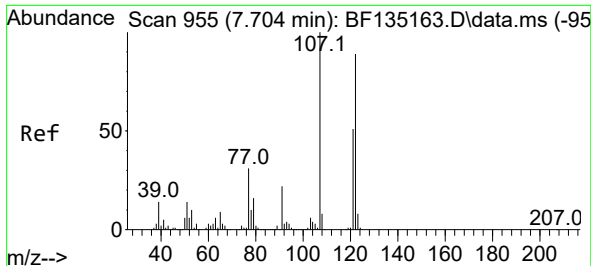
Tgt Ion: 82 Resp: 828801
Ion Ratio Lower Upper
82 100
95 6.8 6.0 9.0
138 18.5 14.5 21.7



#26
2-Nitrophenol
Concen: 48.808 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Tgt Ion:139 Resp: 227853
Ion Ratio Lower Upper
139 100
109 28.4 22.6 33.8
65 58.8 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 48.120 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135333.D

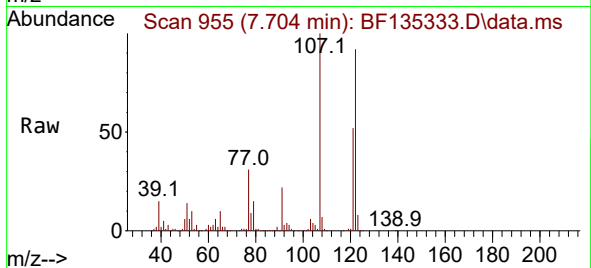
Acq: 19 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155601BS



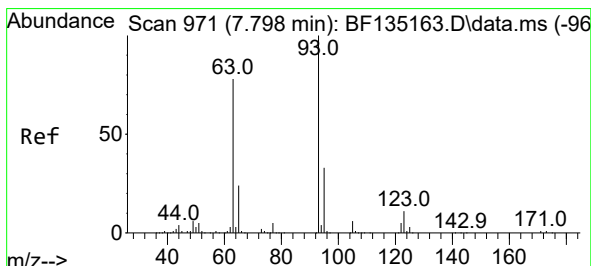
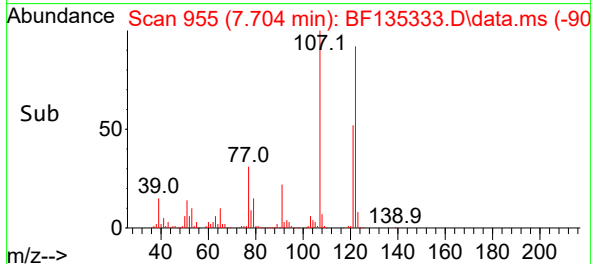
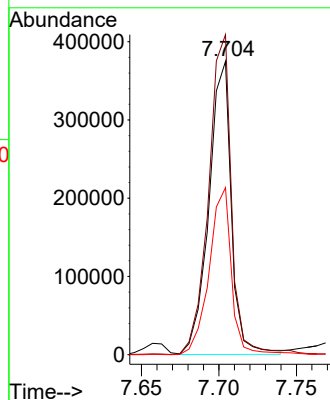
Tgt Ion:122 Resp: 377600

Ion Ratio Lower Upper

122 100

107 109.1 90.2 135.4

121 56.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 46.887 ng

RT: 7.792 min Scan# 970

Delta R.T. -0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

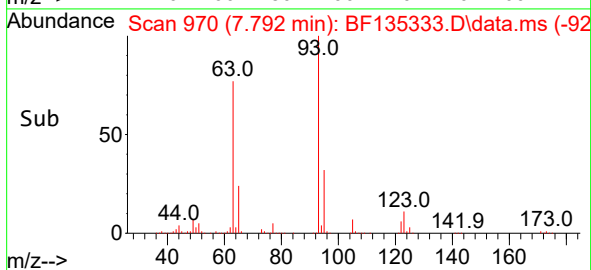
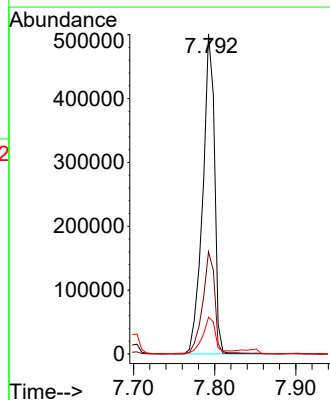
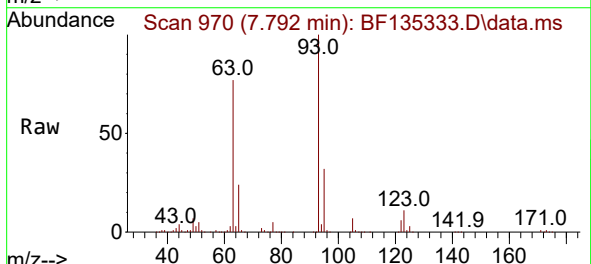
Tgt Ion: 93 Resp: 507123

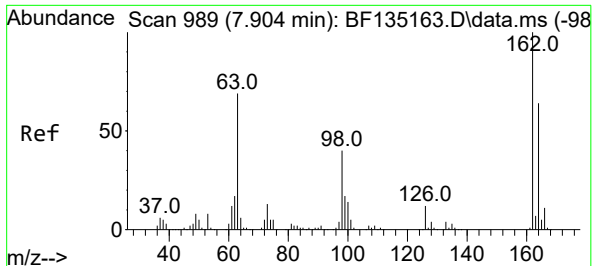
Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.2

123 11.5 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 46.609 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155601BS

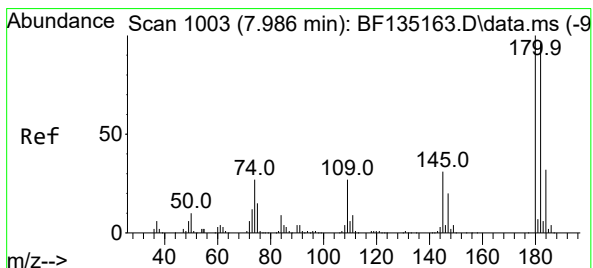
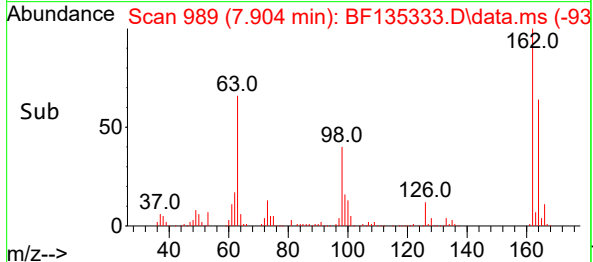
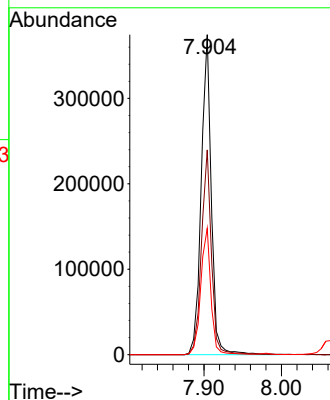
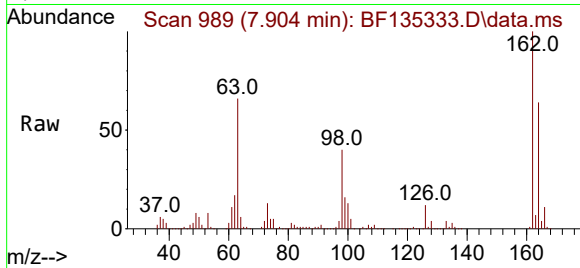
Tgt Ion:162 Resp: 338904

Ion Ratio Lower Upper

162 100

164 64.0 44.1 84.1

98 39.5 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 46.264 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

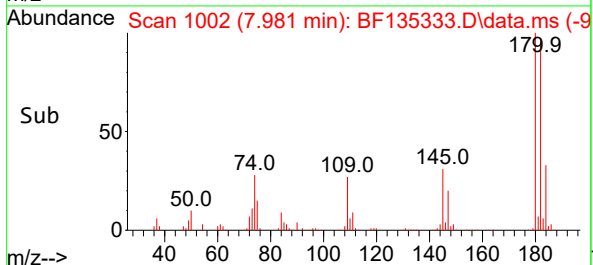
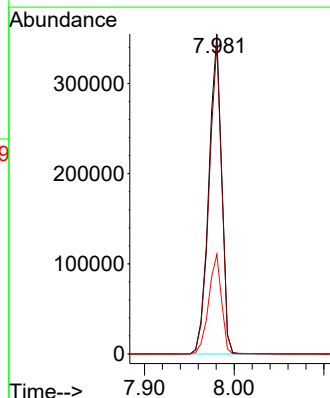
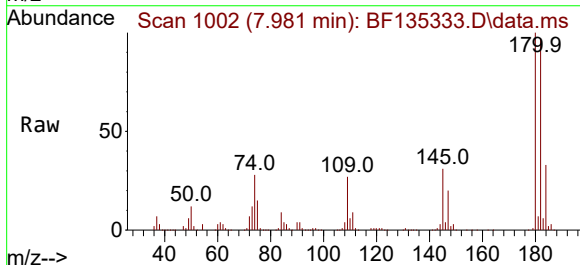
Tgt Ion:180 Resp: 351608

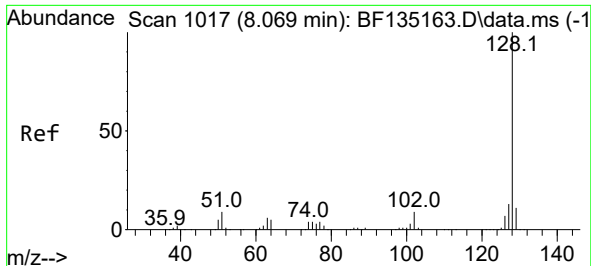
Ion Ratio Lower Upper

180 100

182 96.8 76.9 115.3

145 31.1 24.5 36.7

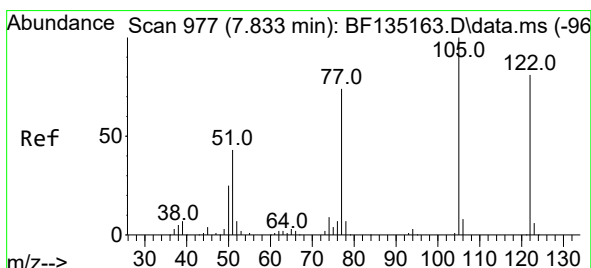
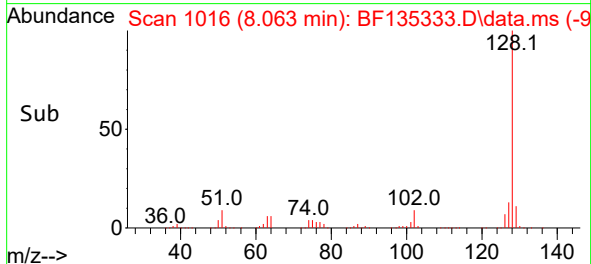
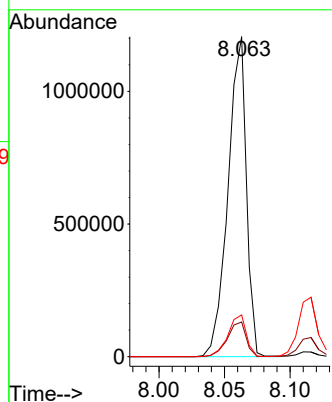
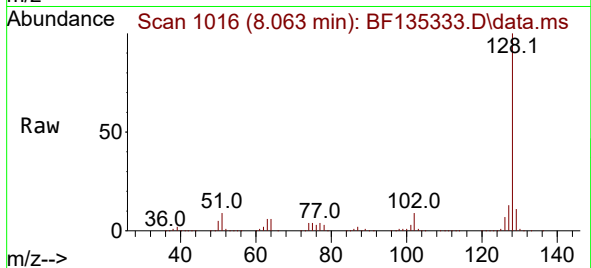




#31
Naphthalene
Concen: 45.212 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

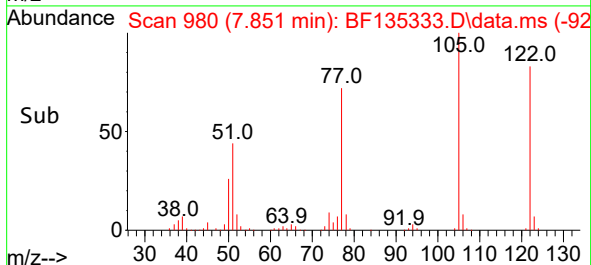
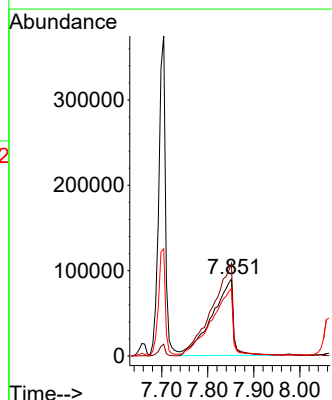
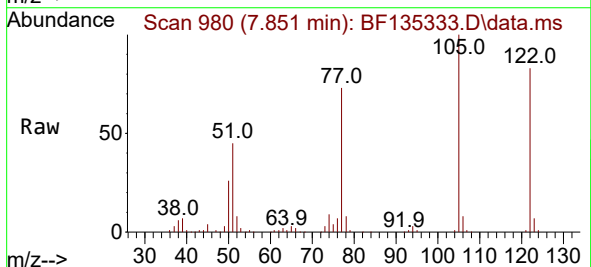
Instrument :
BNA_F
ClientSampleId :
PB155601BS

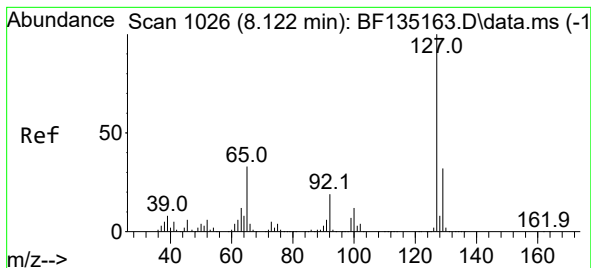
Tgt Ion:128 Resp: 1174500
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 48.699 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.018 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Tgt Ion:122 Resp: 287755
Ion Ratio Lower Upper
122 100
105 120.4 99.9 139.9
77 87.9 70.0 110.0

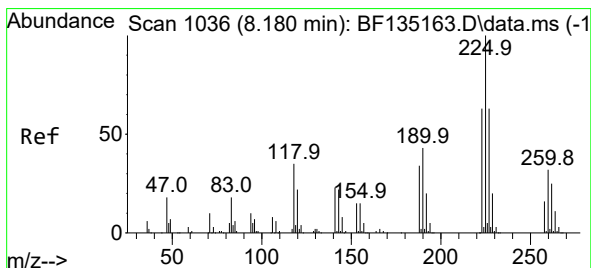
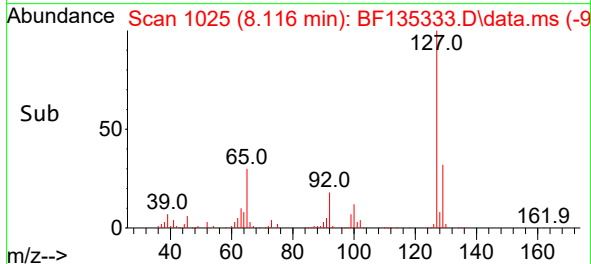
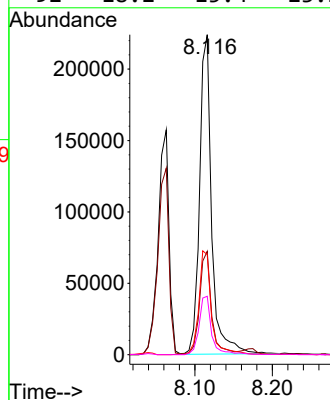
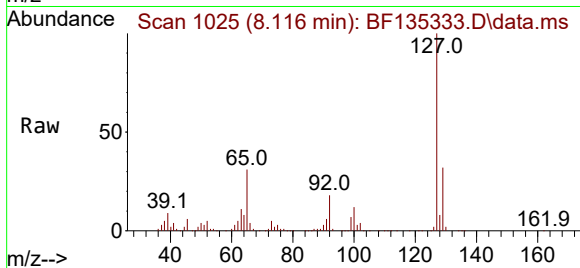




#33
4-Chloroaniline
Concen: 21.188 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

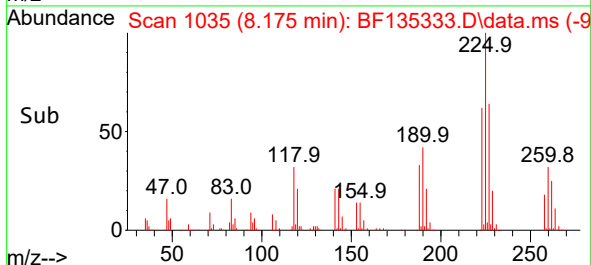
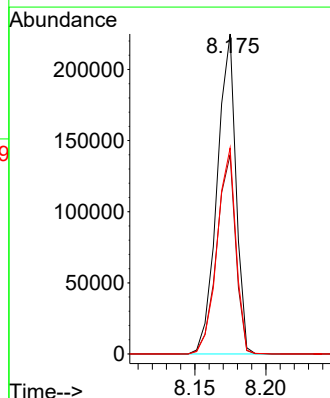
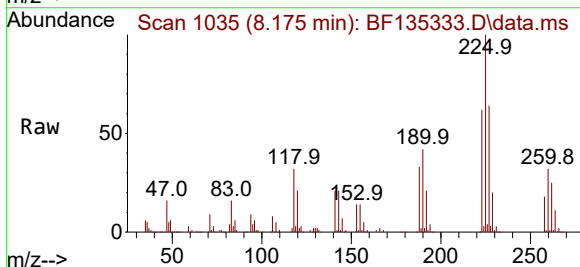
Instrument :
BNA_F
ClientSampleId :
PB155601BS

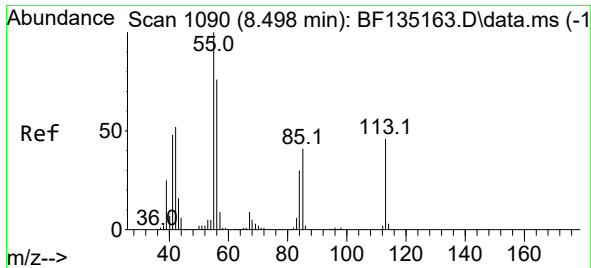
Tgt Ion:	127	Resp:	241492
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.8
65	31.3	26.6	39.8
92	18.2	15.4	23.2



#34
Hexachlorobutadiene
Concen: 45.054 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Tgt Ion:	225	Resp:	206468
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	75.8
227	64.4	50.8	76.2

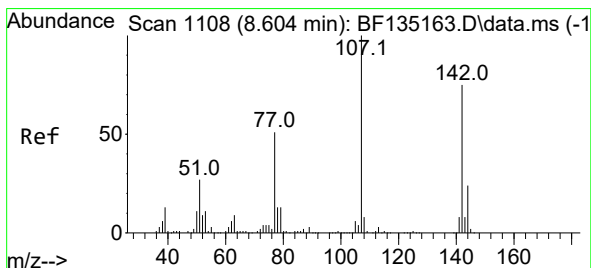
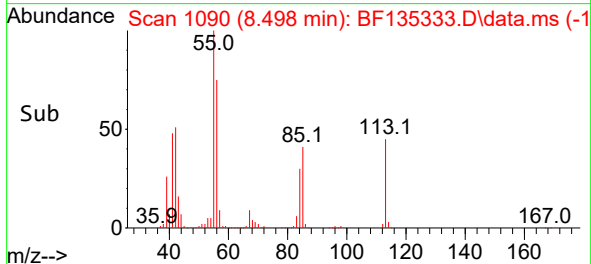
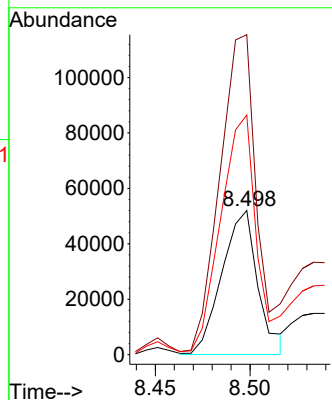
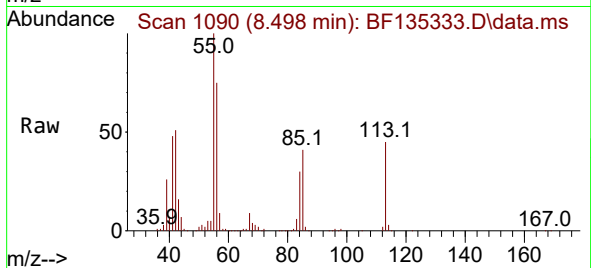




#35
Caprolactam
Concen: 28.147 ng
RT: 8.498 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

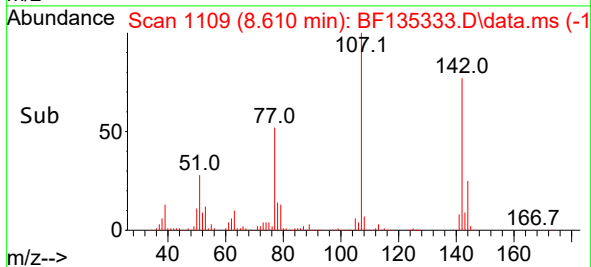
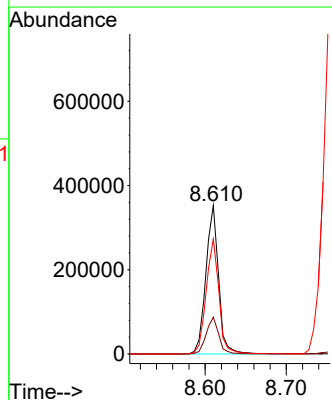
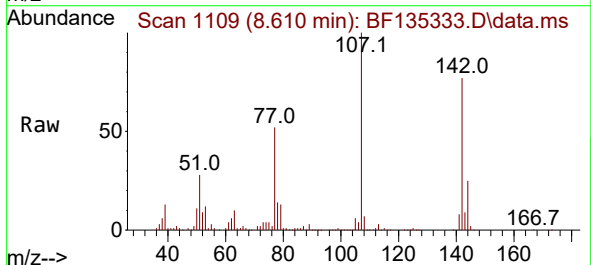
Instrument :
BNA_F
ClientSampleId :
PB155601BS

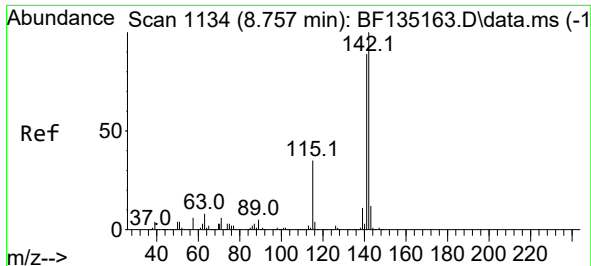
Tgt Ion:113 Resp: 68687
Ion Ratio Lower Upper
113 100
55 222.0 199.3 239.3
56 166.3 146.3 186.3



#36
4-Chloro-3-methylphenol
Concen: 47.396 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Tgt Ion:107 Resp: 383019
Ion Ratio Lower Upper
107 100
144 24.8 19.0 28.4
142 77.3 60.2 90.2

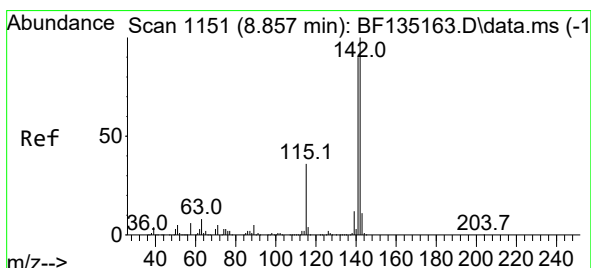
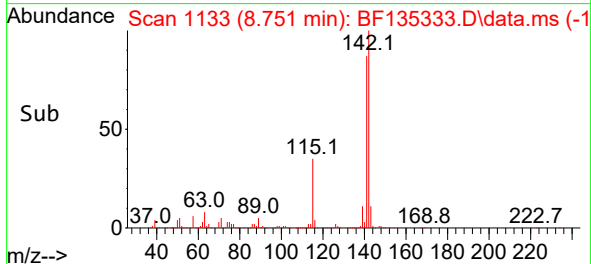
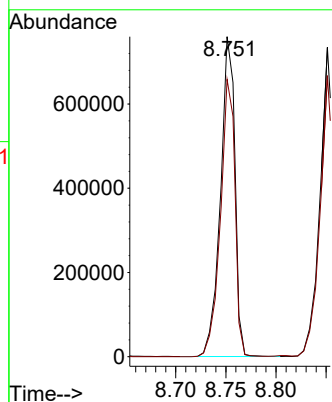
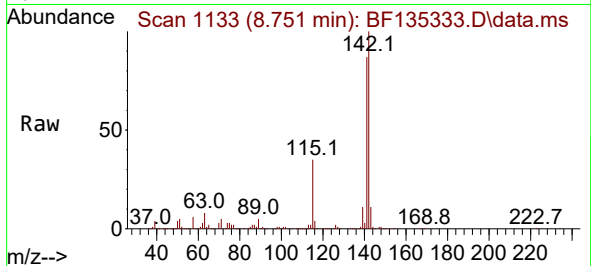




#37
2-Methylnaphthalene
Concen: 43.497 ng
RT: 8.751 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

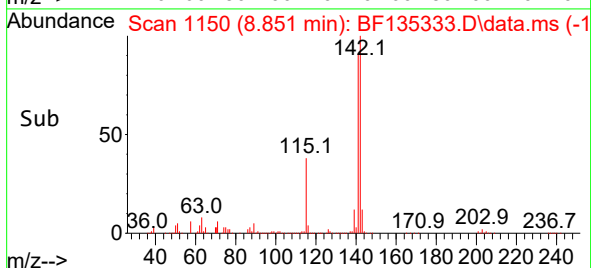
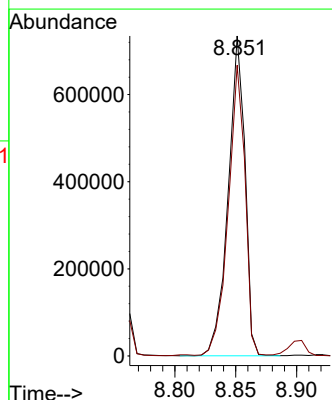
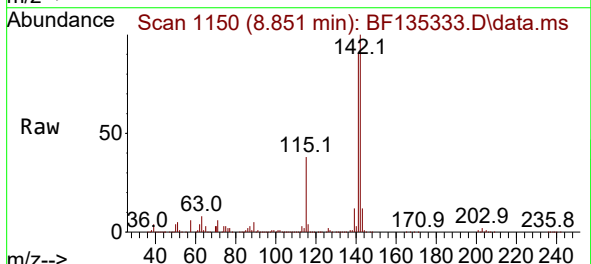
Instrument :
BNA_F
ClientSampleId :
PB155601BS

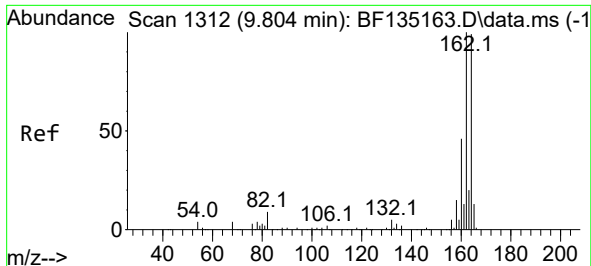
Tgt Ion:142 Resp: 759548
Ion Ratio Lower Upper
142 100
141 86.6 71.0 106.6



#38
1-Methylnaphthalene
Concen: 42.966 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Tgt Ion:142 Resp: 702431
Ion Ratio Lower Upper
142 100
141 90.9 72.4 108.6

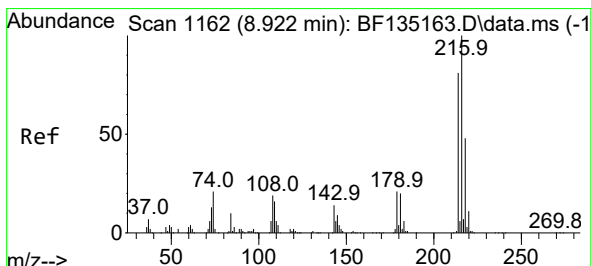
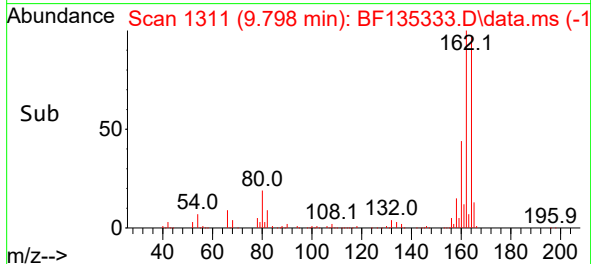
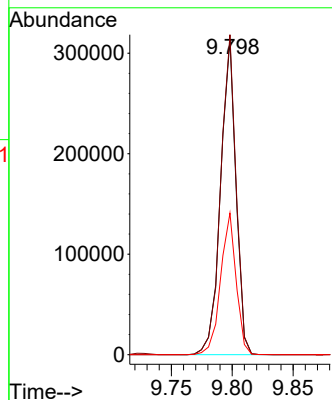
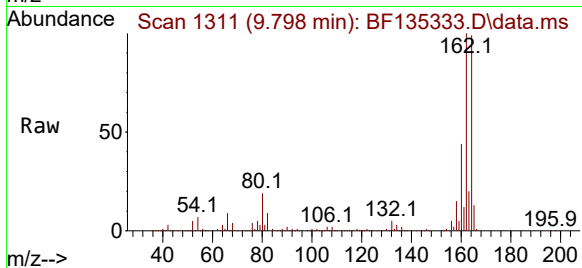




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

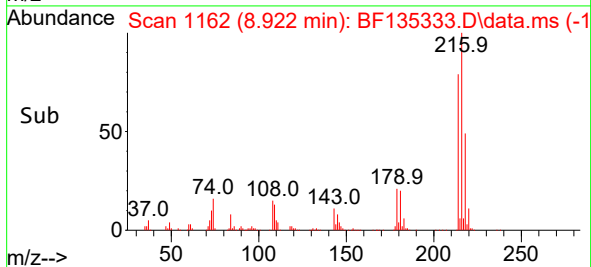
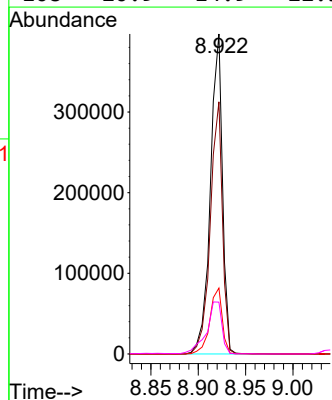
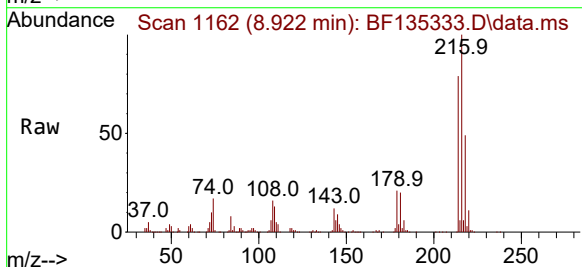
Instrument :
BNA_F
ClientSampleId :
PB155601BS

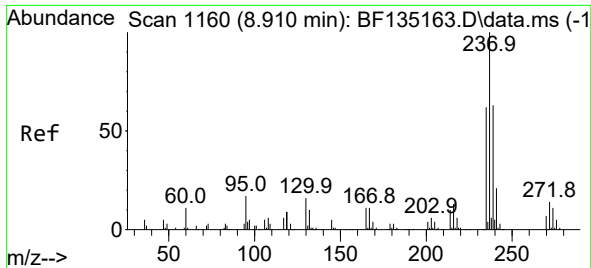
Tgt Ion:164 Resp: 277079
Ion Ratio Lower Upper
164 100
162 101.4 81.0 121.4
160 44.9 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.757 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Tgt Ion:216 Resp: 351251
Ion Ratio Lower Upper
216 100
214 79.4 63.7 95.5
179 21.1 16.7 25.1
108 20.9 14.9 22.3

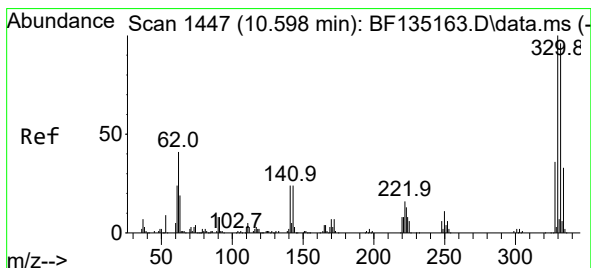
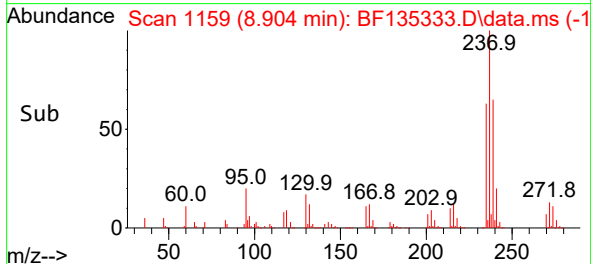
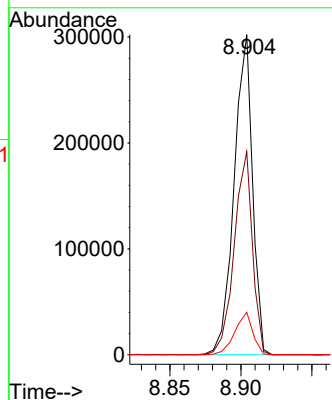
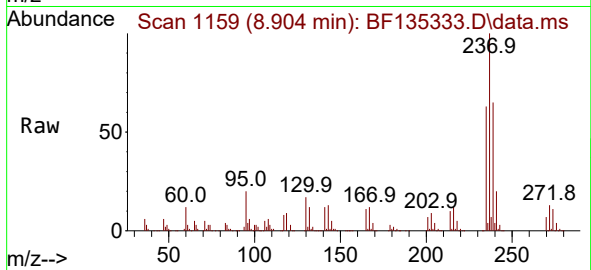




#41
Hexachlorocyclopentadiene
Concen: 77.318 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

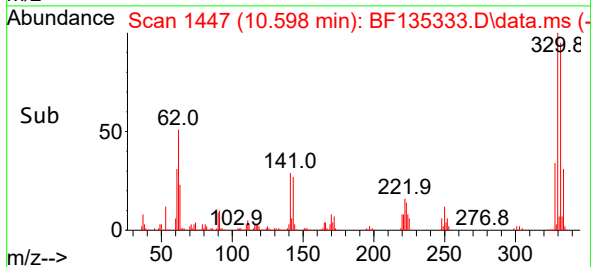
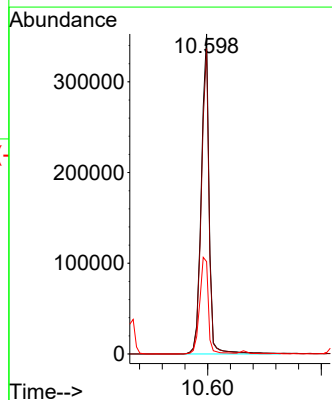
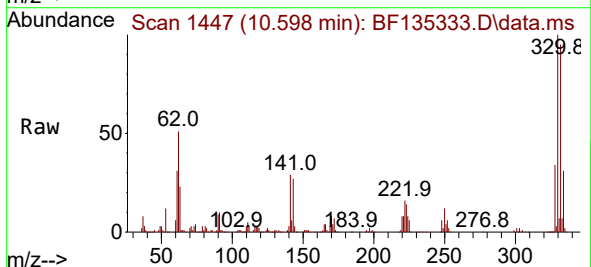
Instrument :
BNA_F
ClientSampleId :
PB155601BS

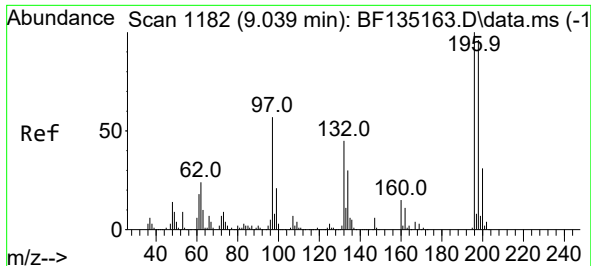
Tgt Ion: 237 Resp: 272512
Ion Ratio Lower Upper
237 100
235 63.4 41.8 81.8
272 13.3 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 122.267 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Tgt Ion: 330 Resp: 336662
Ion Ratio Lower Upper
330 100
332 94.5 77.3 115.9
141 33.6 25.8 38.8

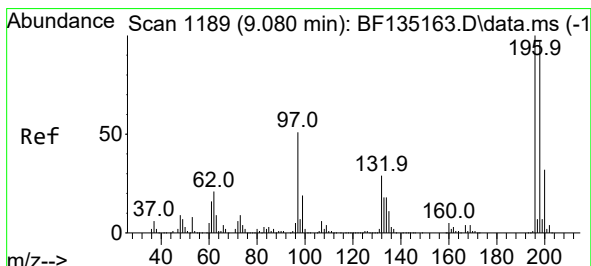
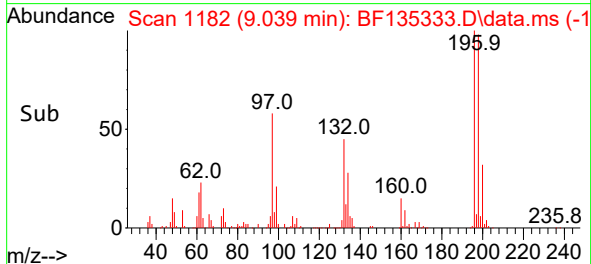
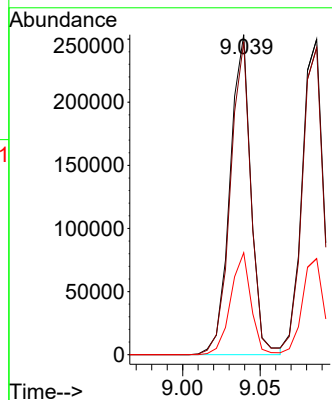
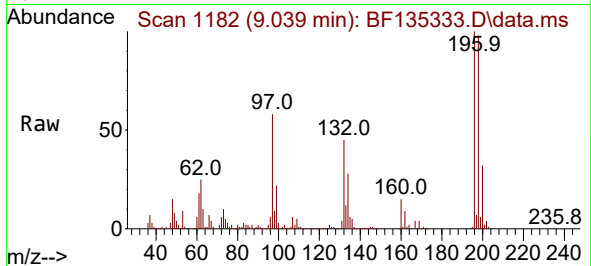




#43
2,4,6-Trichlorophenol
Concen: 45.452 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

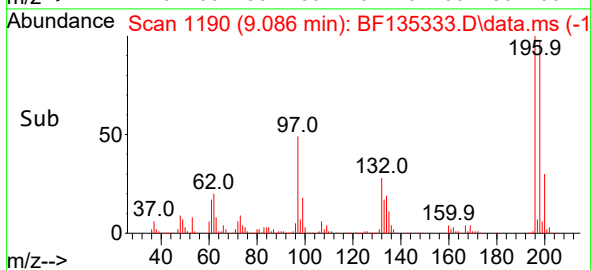
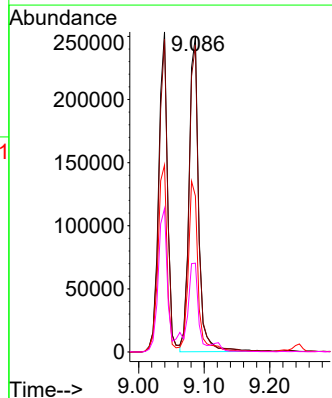
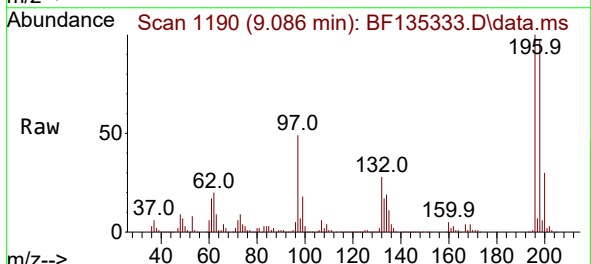
Instrument :
BNA_F
ClientSampleId :
PB155601BS

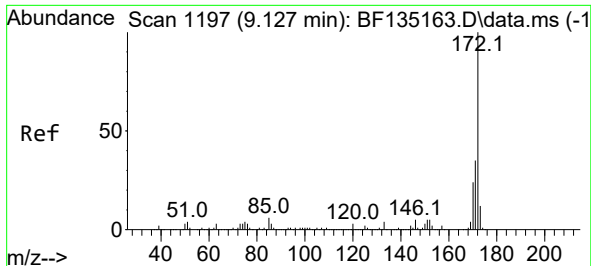
Tgt Ion:196 Resp: 238886
Ion Ratio Lower Upper
196 100
198 97.8 77.0 115.6
200 31.9 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 42.120 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Tgt Ion:196 Resp: 254935
Ion Ratio Lower Upper
196 100
198 97.3 77.5 116.3
97 49.4 40.5 60.7
132 28.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 80.806 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155601BS

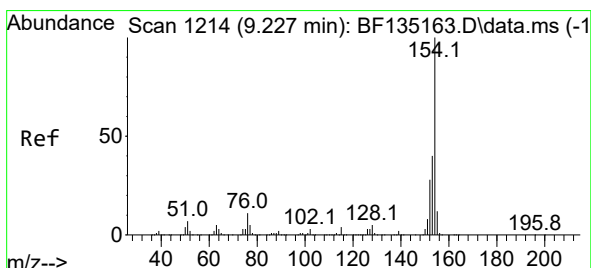
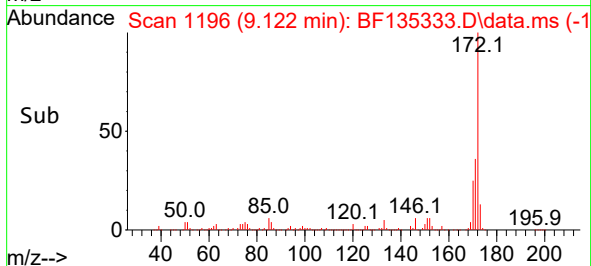
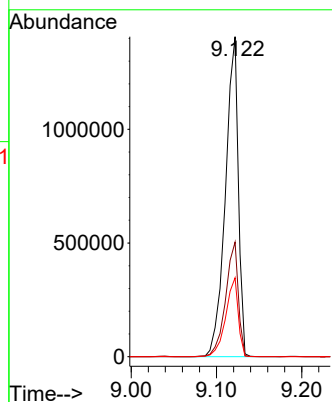
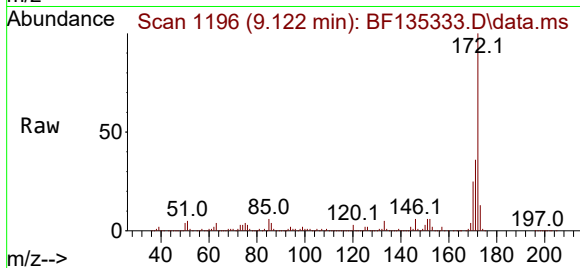
Tgt Ion:172 Resp: 1484011

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 24.7 19.0 28.4



#46

1,1'-Biphenyl

Concen: 44.217 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

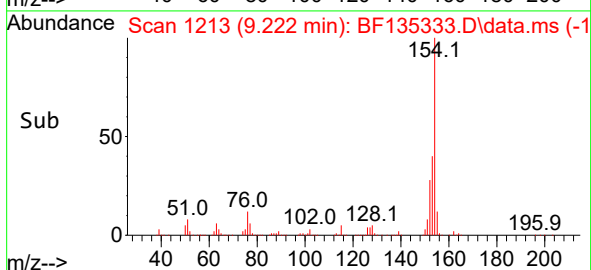
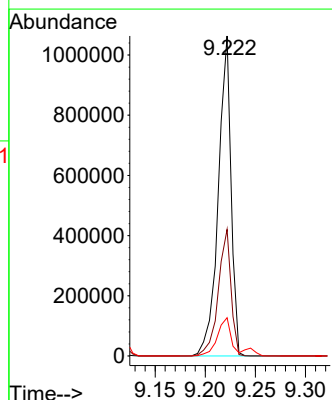
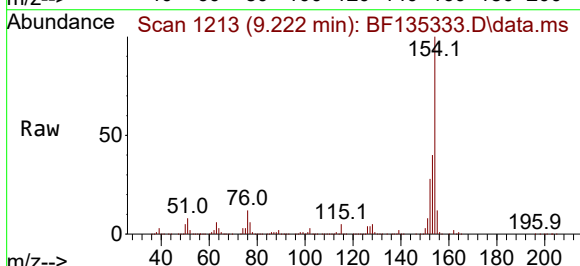
Tgt Ion:154 Resp: 941507

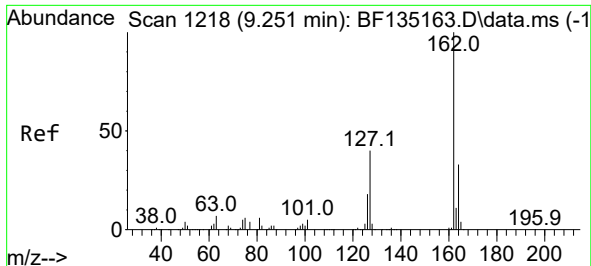
Ion Ratio Lower Upper

154 100

153 39.6 19.6 59.6

76 11.9 0.0 31.0

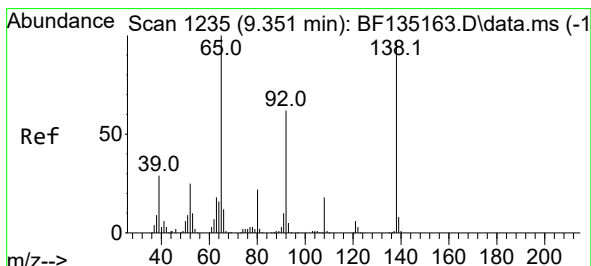
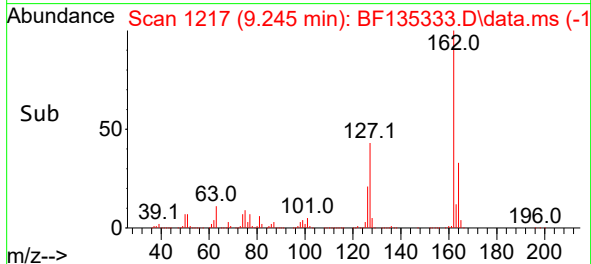
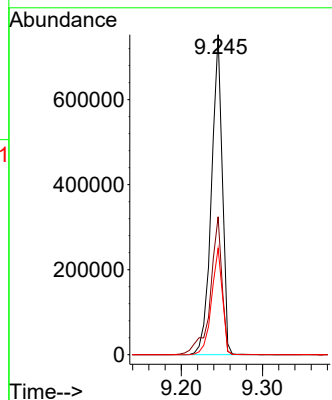
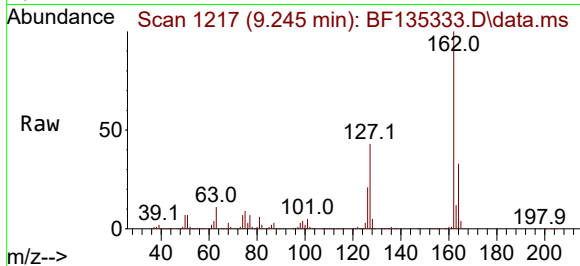




#47
2-Chloronaphthalene
Concen: 45.091 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

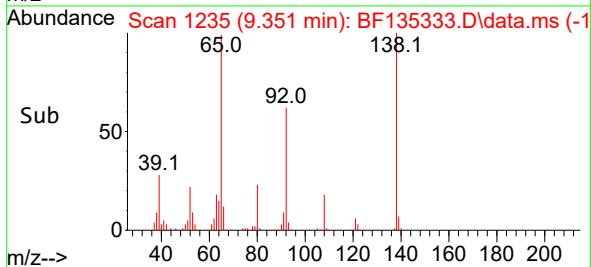
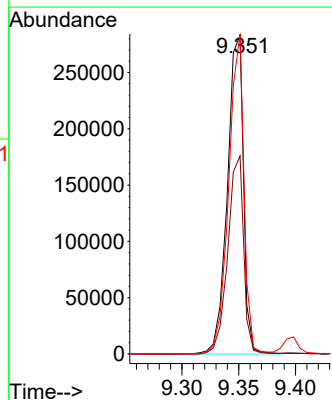
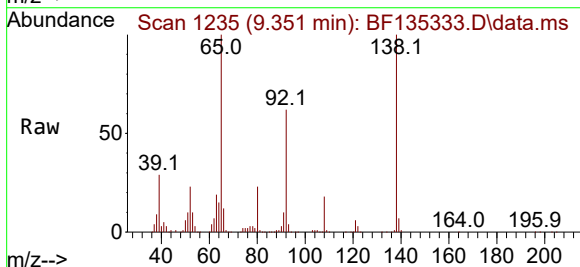
Instrument :
BNA_F
ClientSampleId :
PB155601BS

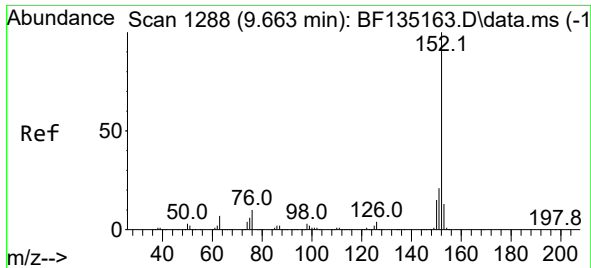
Tgt Ion:162 Resp: 696630
Ion Ratio Lower Upper
162 100
127 43.1 32.6 48.8
164 33.3 26.2 39.2



#48
2-Nitroaniline
Concen: 46.509 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Tgt Ion: 65 Resp: 279149
Ion Ratio Lower Upper
65 100
92 62.2 49.4 74.0
138 100.5 77.4 116.0

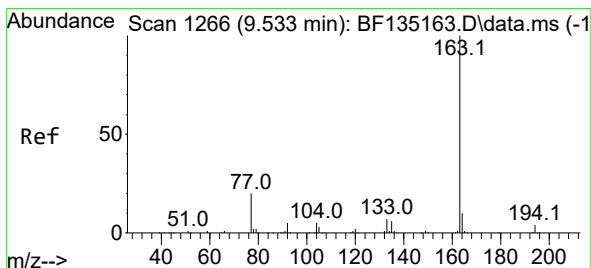
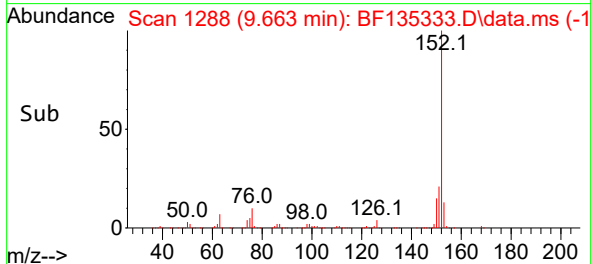
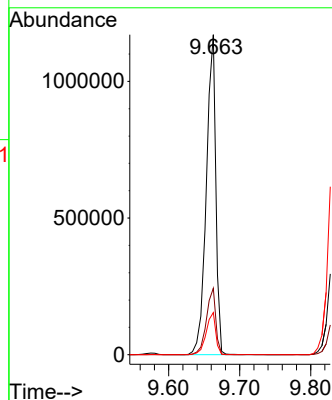
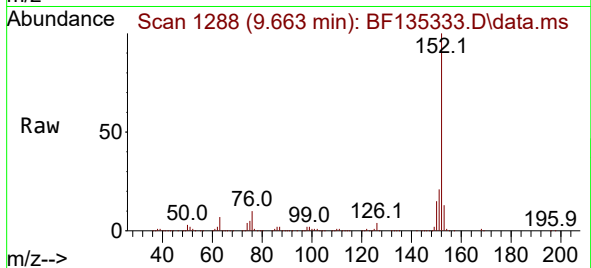




#49
Acenaphthylene
Concen: 42.500 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

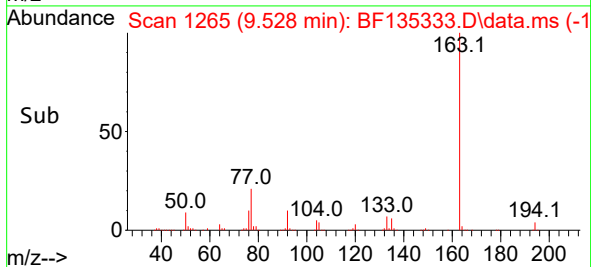
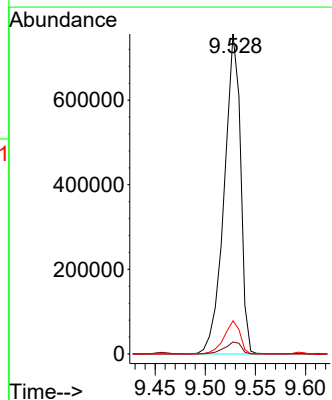
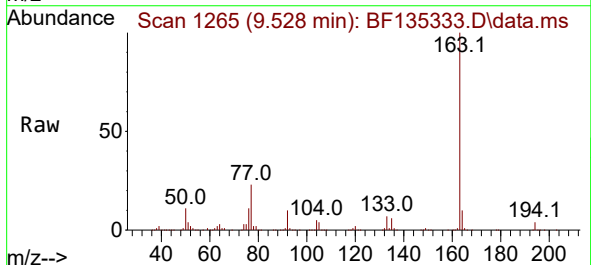
Instrument :
BNA_F
ClientSampleId :
PB155601BS

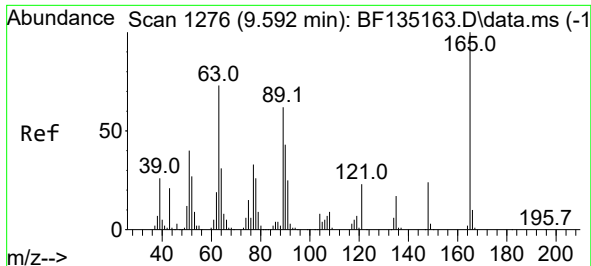
Tgt Ion:152 Resp: 1091231
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 45.734 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.005 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Tgt Ion:163 Resp: 856747
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.4 8.1 12.1

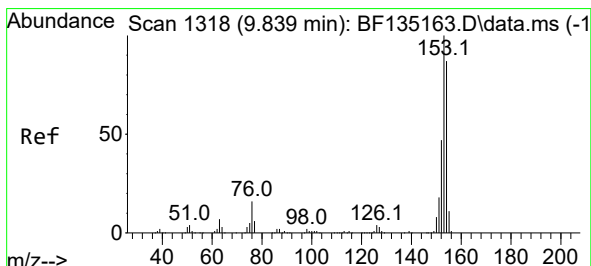
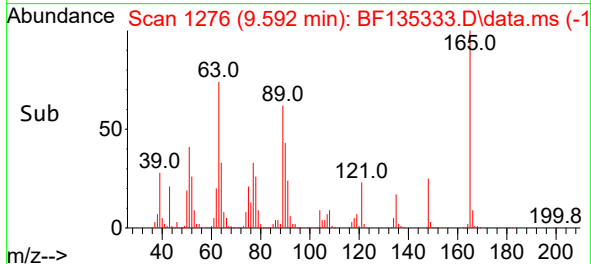
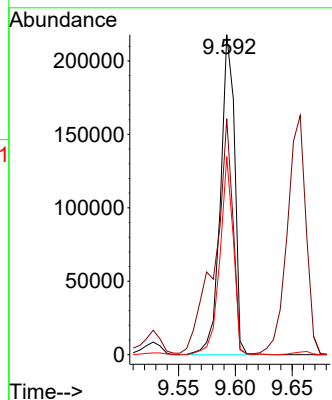
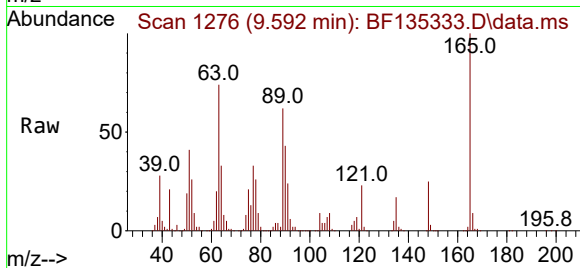




#51
2,6-Dinitrotoluene
Concen: 46.234 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

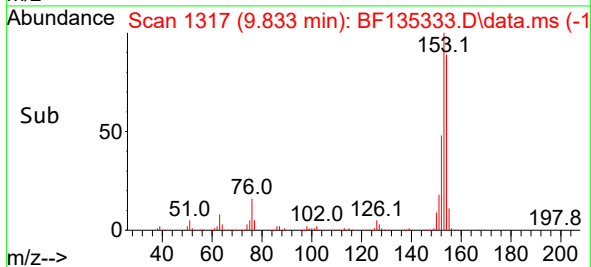
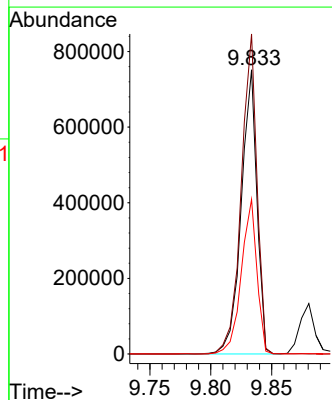
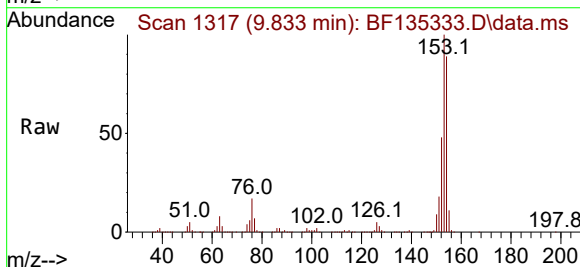
Instrument :
BNA_F
ClientSampleId :
PB155601BS

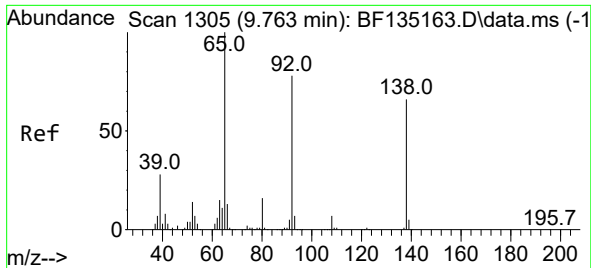
Tgt Ion:165 Resp: 189736
Ion Ratio Lower Upper
165 100
63 73.7 59.4 89.2
89 61.9 49.8 74.8



#52
Acenaphthene
Concen: 44.316 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Tgt Ion:154 Resp: 672176
Ion Ratio Lower Upper
154 100
153 112.6 92.1 138.1
152 54.4 43.1 64.7

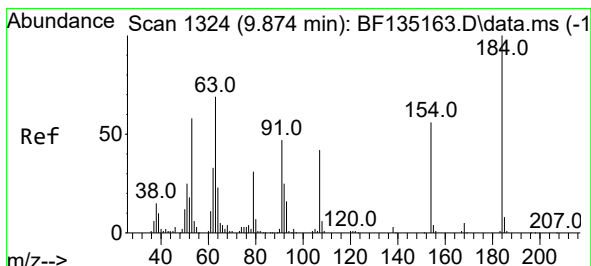
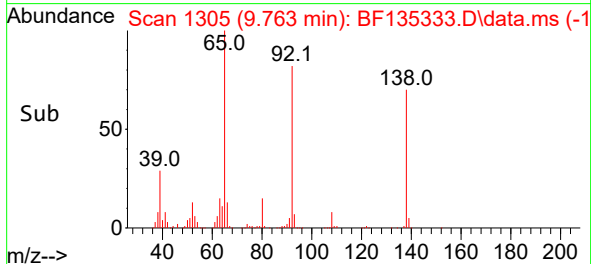
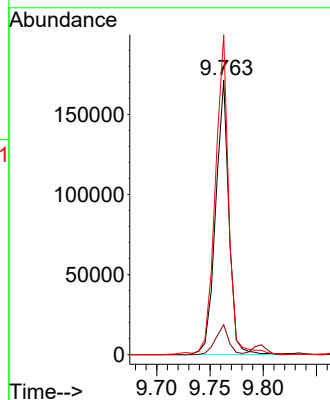
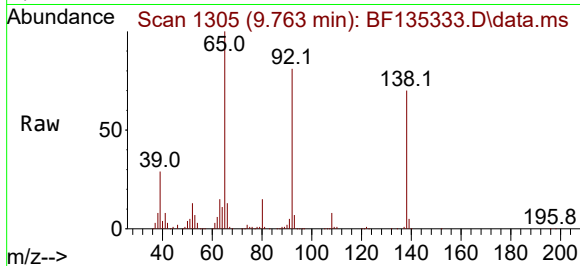




#53
3-Nitroaniline
Concen: 30.940 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

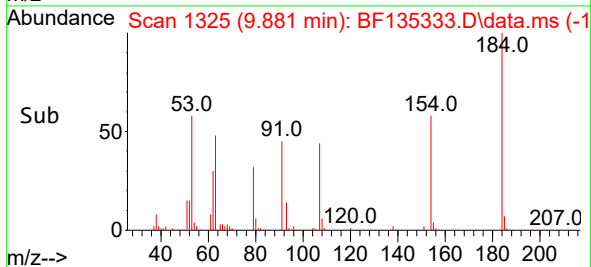
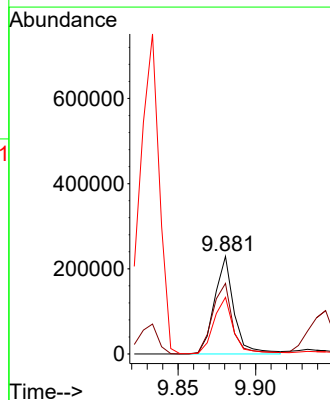
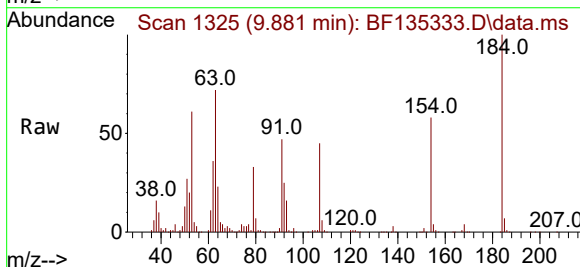
Instrument :
BNA_F
ClientSampleId :
PB155601BS

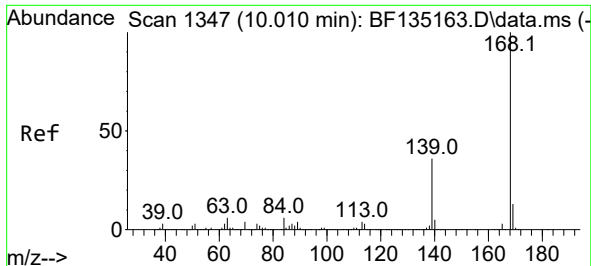
Tgt Ion:138 Resp: 149044
Ion Ratio Lower Upper
138 100
108 10.9 8.5 12.7
92 116.4 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 85.592 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.007 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Tgt Ion:184 Resp: 200511
Ion Ratio Lower Upper
184 100
63 72.3 55.1 82.7
154 58.1 48.4 72.6

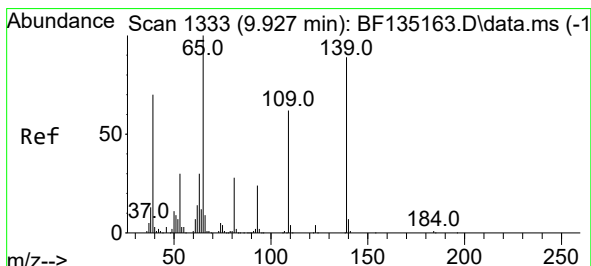
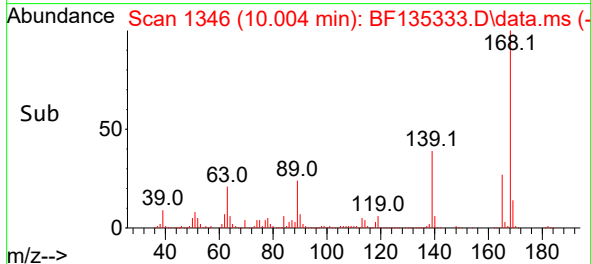
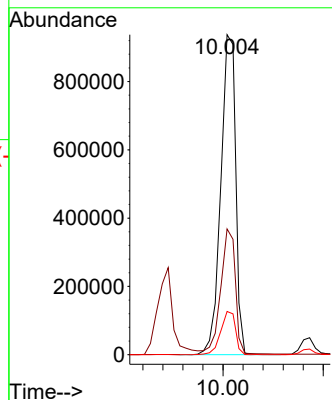
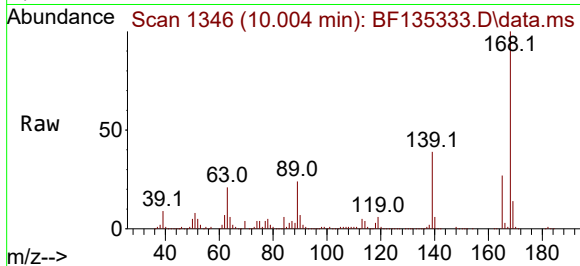




#55
Dibenzenofuran
Concen: 41.626 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

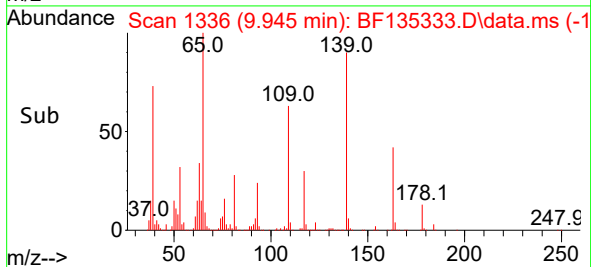
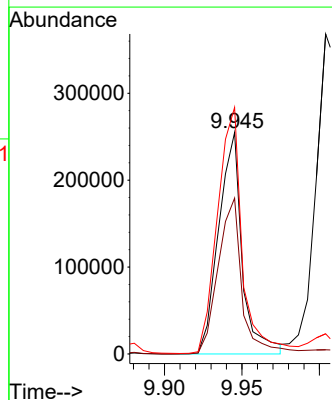
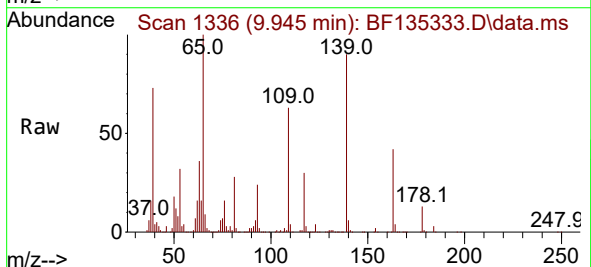
Instrument :
BNA_F
ClientSampleId :
PB155601BS

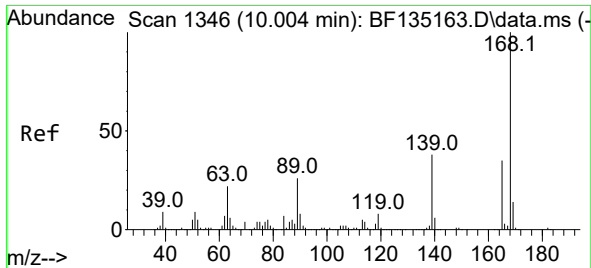
Tgt Ion:168 Resp: 963464
Ion Ratio Lower Upper
168 100
139 39.3 29.0 43.6
169 13.5 10.4 15.6



#56
4-Nitrophenol
Concen: 87.829 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.018 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Tgt Ion:139 Resp: 268897
Ion Ratio Lower Upper
139 100
109 70.3 49.8 89.8
65 111.3 92.7 132.7

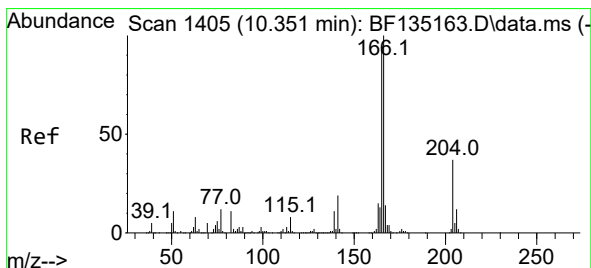
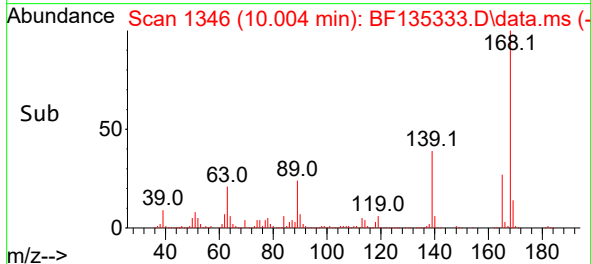
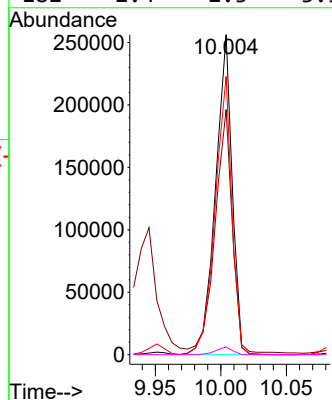
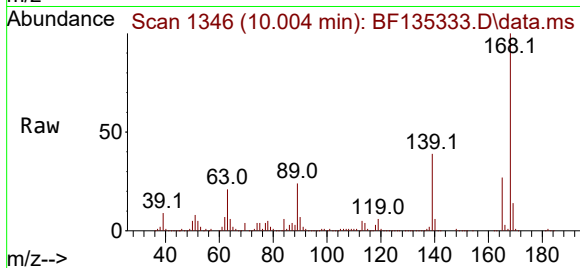




#57
2,4-Dinitrotoluene
Concen: 43.902 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

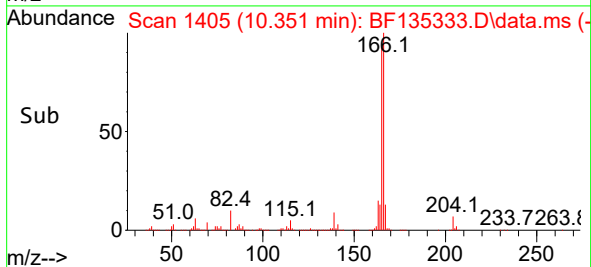
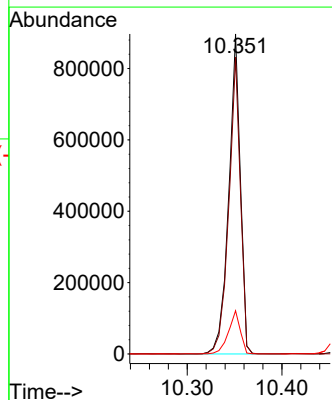
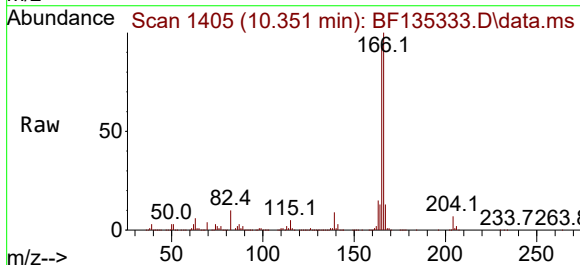
Instrument :
BNA_F
ClientSampleId :
PB155601BS

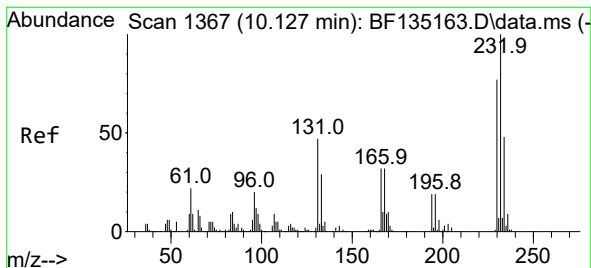
Tgt Ion:165 Resp: 225552
Ion Ratio Lower Upper
165 100
63 76.6 50.1 75.1#
89 86.9 59.3 88.9
182 2.4 2.3 3.5



#58
Fluorene
Concen: 42.964 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

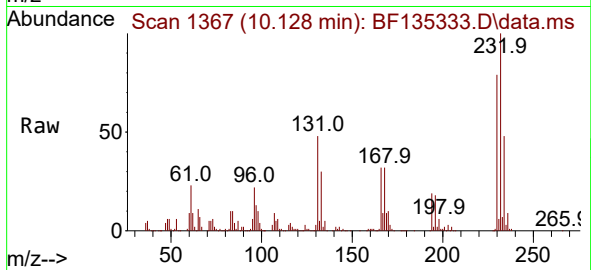
Tgt Ion:166 Resp: 764484
Ion Ratio Lower Upper
166 100
165 92.7 74.3 111.5
167 13.5 10.9 16.3



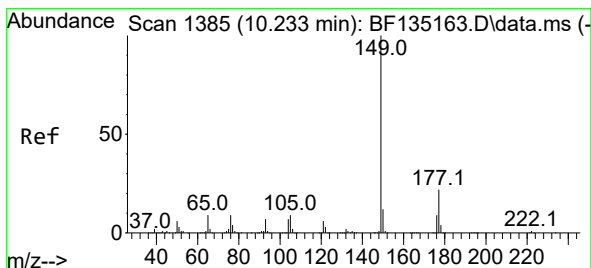
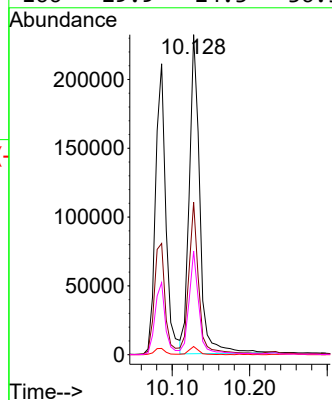
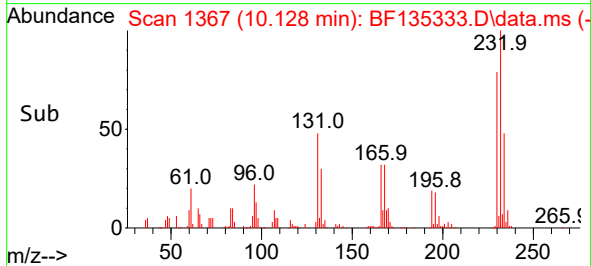


#59
2,3,4,6-Tetrachlorophenol
Concen: 46.923 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

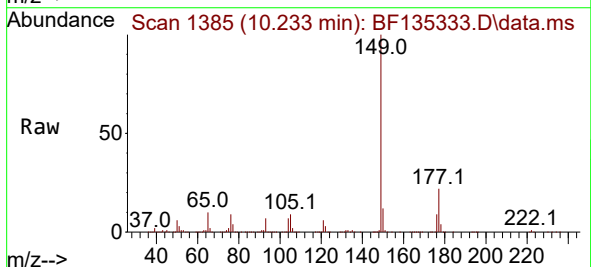
Instrument :
BNA_F
ClientSampleId :
PB155601BS



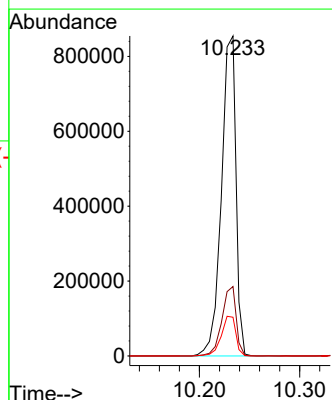
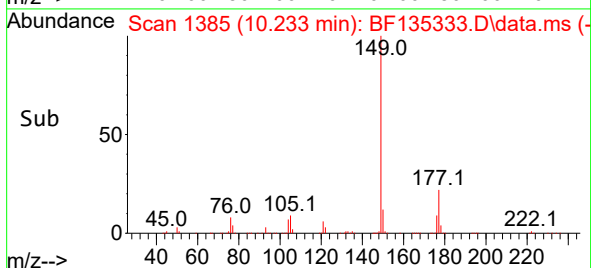
Tgt Ion:232 Resp: 218471
Ion Ratio Lower Upper
232 100
131 44.3 35.4 53.2
130 2.4 1.8 2.8
166 29.9 24.3 36.5

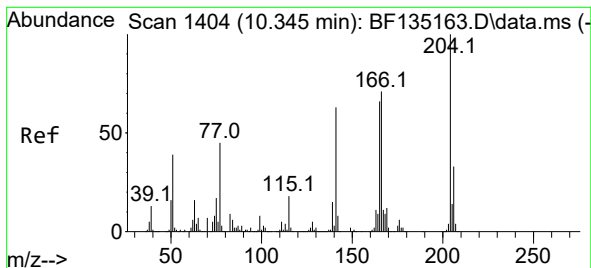


#60
Diethylphthalate
Concen: 45.708 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12



Tgt Ion:149 Resp: 859332
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.6
150 12.1 10.0 15.0

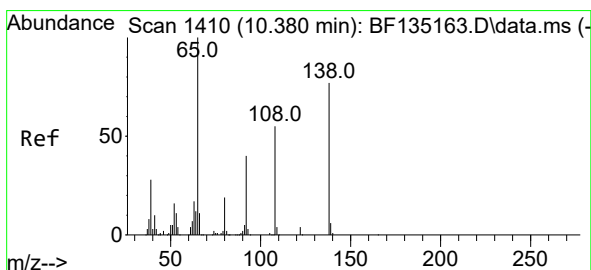
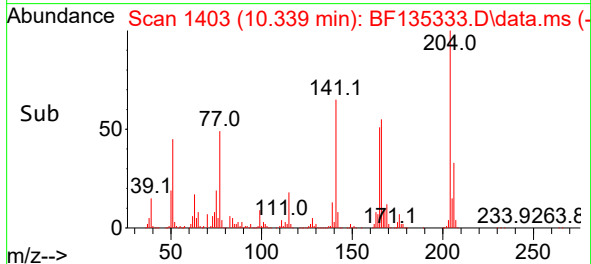
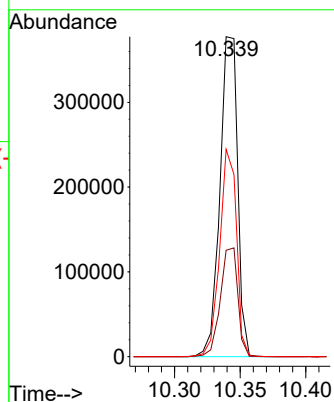
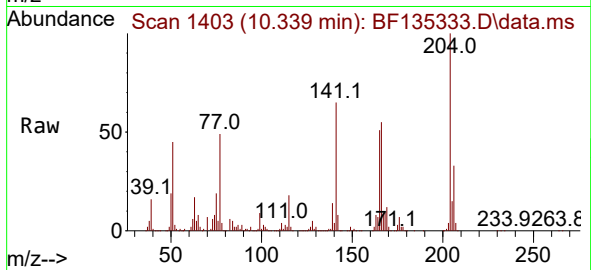




#61
4-Chlorophenyl-phenylether
Concen: 41.485 ng
RT: 10.339 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

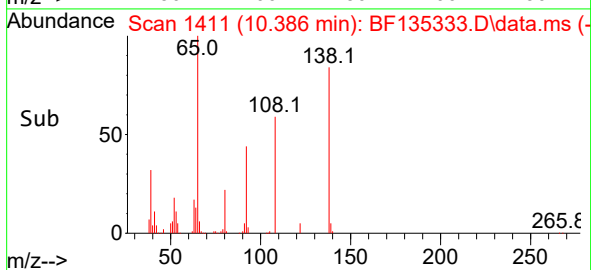
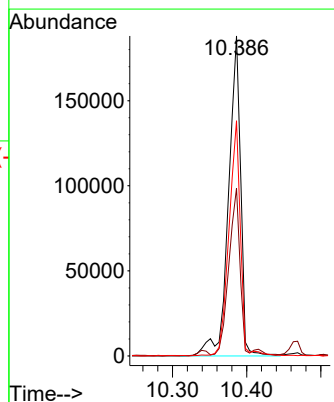
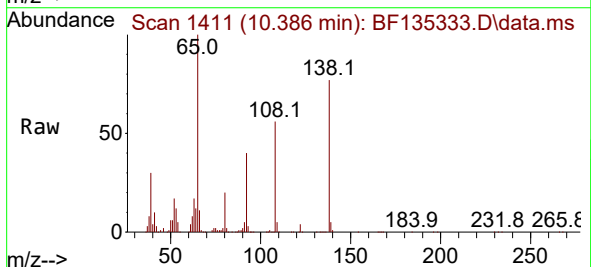
Instrument :
BNA_F
ClientSampleId :
PB155601BS

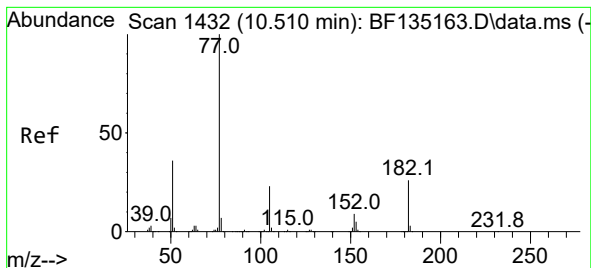
Tgt Ion:204 Resp: 354595
Ion Ratio Lower Upper
204 100
206 33.2 26.7 40.1
141 64.8 50.6 75.8



#62
4-Nitroaniline
Concen: 46.308 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Tgt Ion:138 Resp: 214431
Ion Ratio Lower Upper
138 100
92 52.4 31.8 71.8
108 73.5 52.0 92.0





#63

Azobenzene

Concen: 45.493 ng

RT: 10.504 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155601BS

Tgt Ion: 77 Resp: 837071

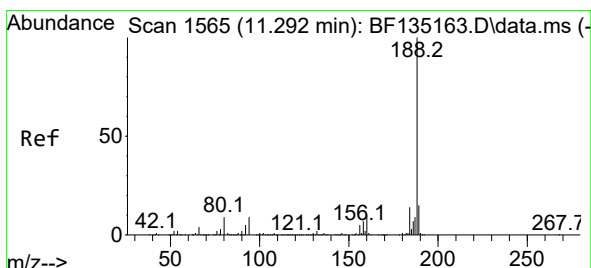
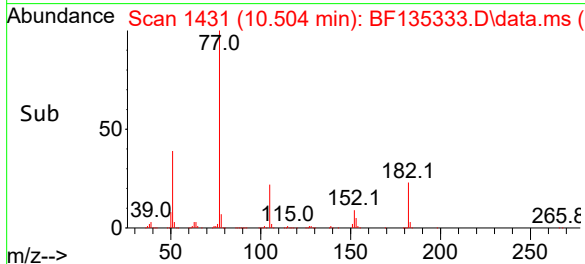
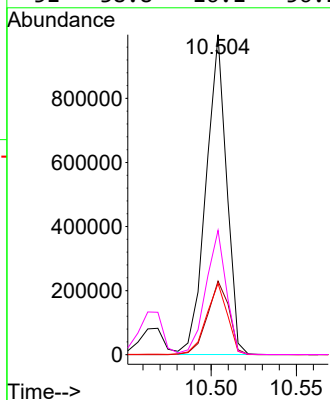
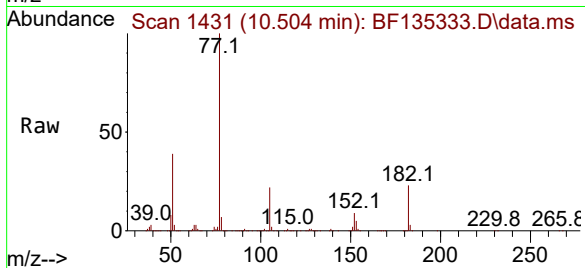
Ion Ratio Lower Upper

77 100

182 23.0 6.4 46.4

105 22.3 3.1 43.1

51 38.8 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.292 min Scan# 1565

Delta R.T. 0.000 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

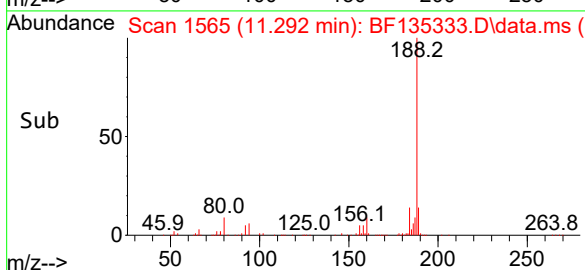
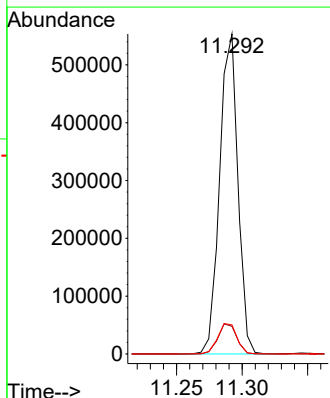
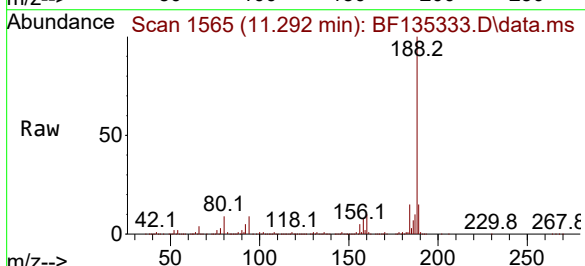
Tgt Ion:188 Resp: 535180

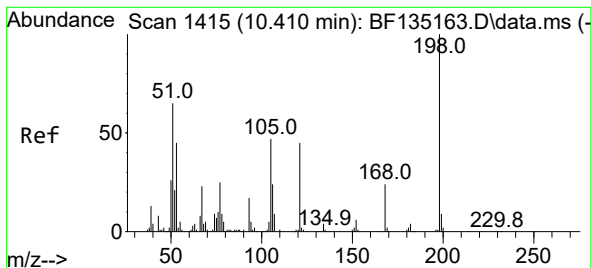
Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 9.1 7.5 11.3

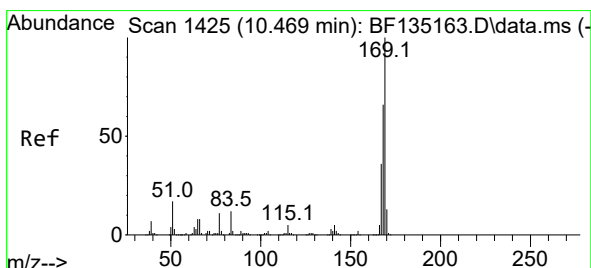
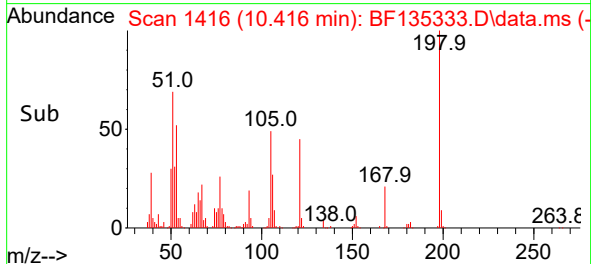
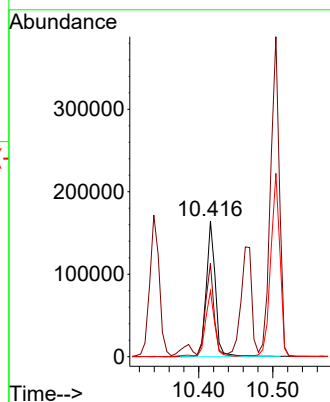
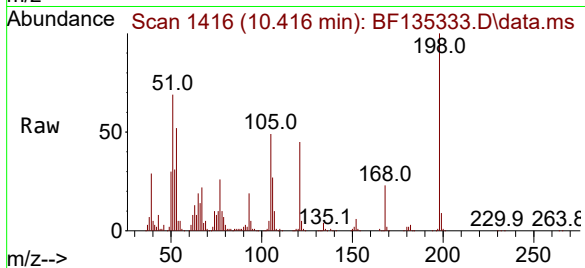




#65
4,6-Dinitro-2-methylphenol
Concen: 49.709 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

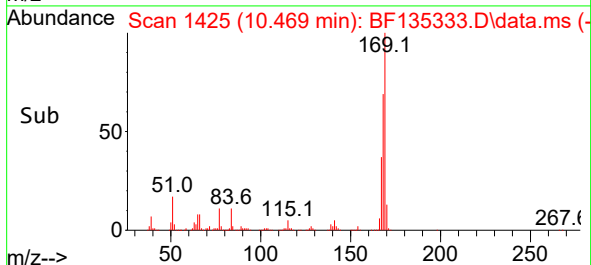
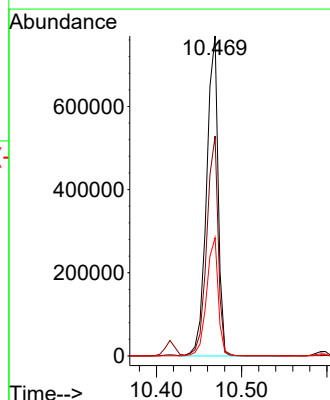
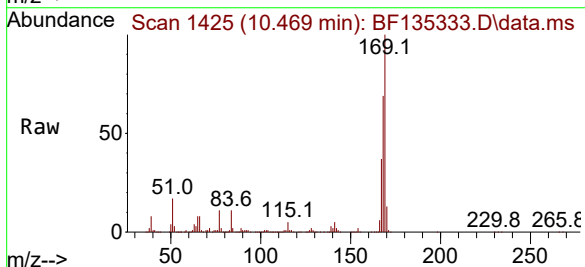
Instrument :
BNA_F
ClientSampleId :
PB155601BS

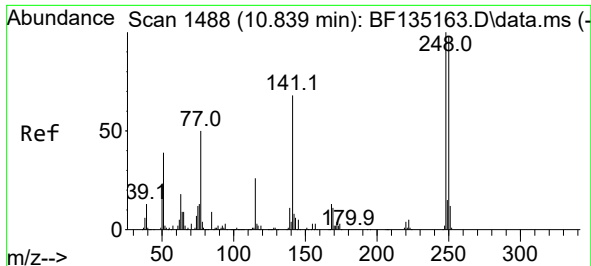
Tgt Ion:198 Resp: 141299
Ion Ratio Lower Upper
198 100
51 68.8 47.7 87.7
105 48.7 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 44.545 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Tgt Ion:169 Resp: 721731
Ion Ratio Lower Upper
169 100
168 68.7 52.8 79.2
167 37.0 29.0 43.6

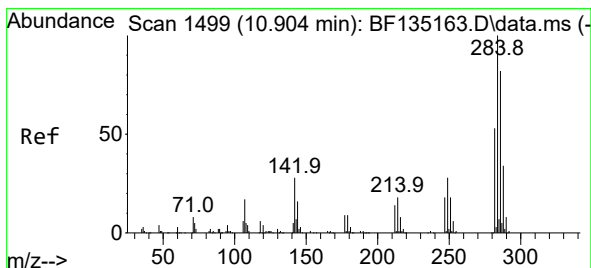
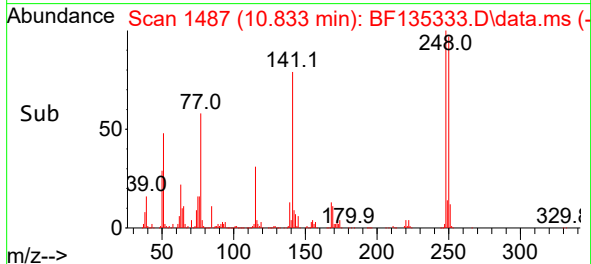
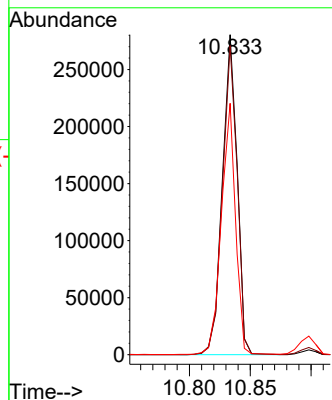
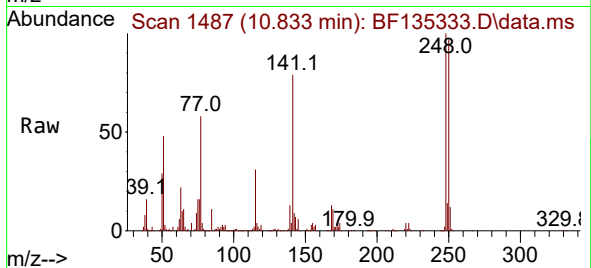




#67
4-Bromophenyl-phenylether
Concen: 44.569 ng
RT: 10.833 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

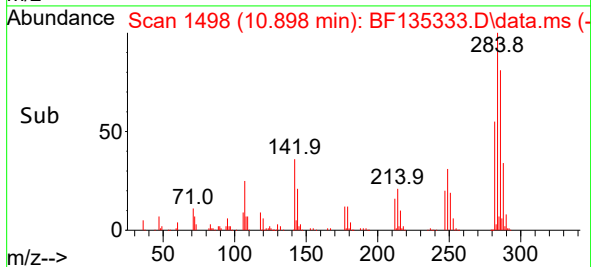
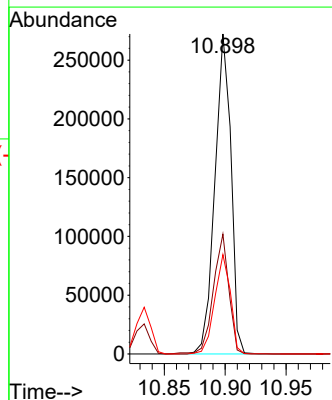
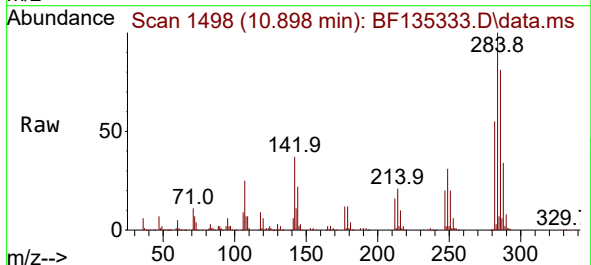
Instrument :
BNA_F
ClientSampleId :
PB155601BS

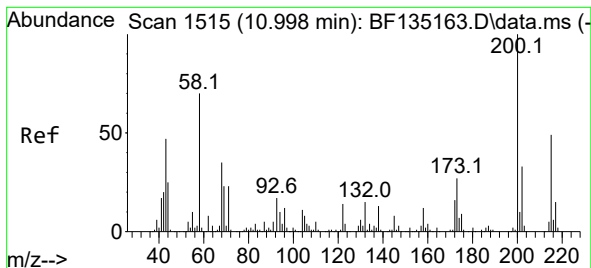
Tgt Ion:248 Resp: 237230
Ion Ratio Lower Upper
248 100
250 96.6 78.6 117.8
141 78.5 54.2 81.2



#68
Hexachlorobenzene
Concen: 45.970 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Tgt Ion:284 Resp: 249282
Ion Ratio Lower Upper
284 100
142 37.4 22.2 33.4#
249 31.0 22.5 33.7





#69

Atrazine

Concen: 55.088 ng

RT: 11.004 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155601BS

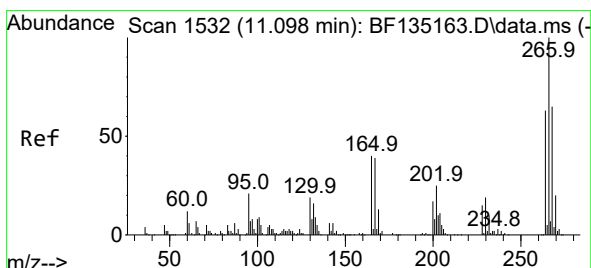
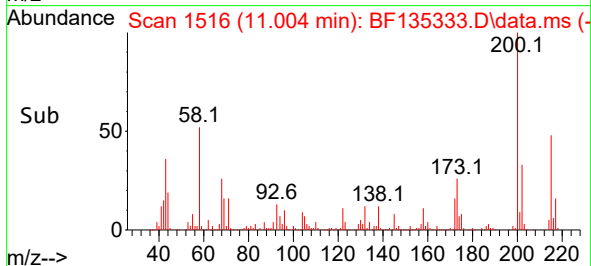
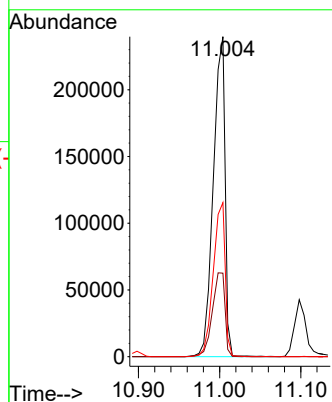
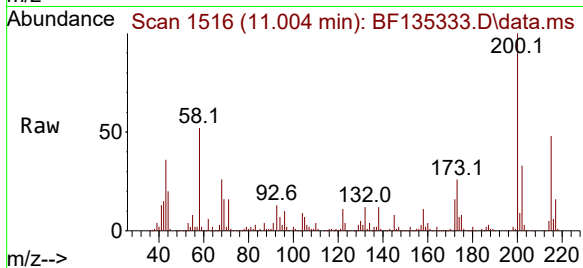
Tgt Ion:200 Resp: 240163

Ion Ratio Lower Upper

200 100

173 26.1 7.4 47.4

215 48.2 28.6 68.6



#70

Pentachlorophenol

Concen: 77.260 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

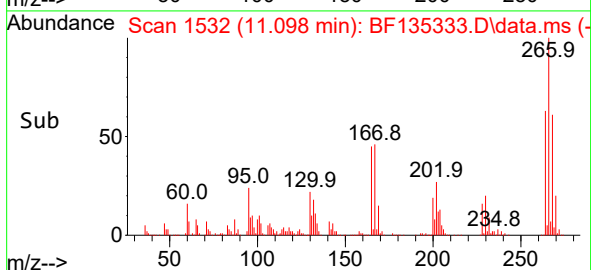
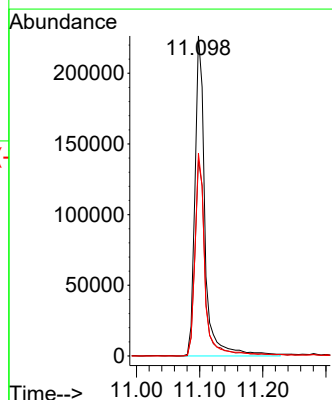
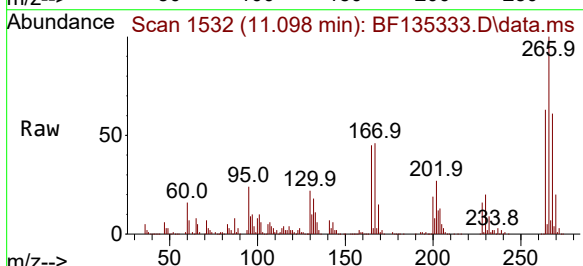
Tgt Ion:266 Resp: 250659

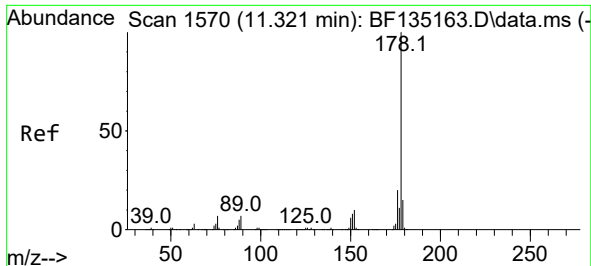
Ion Ratio Lower Upper

266 100

268 61.2 52.1 78.1

264 63.3 50.8 76.2

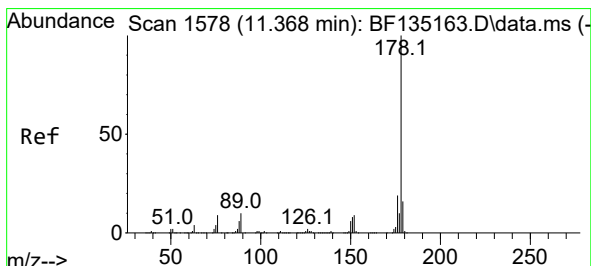
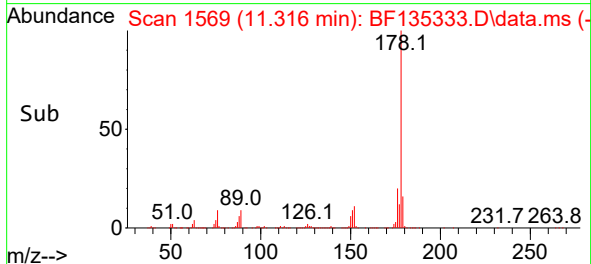
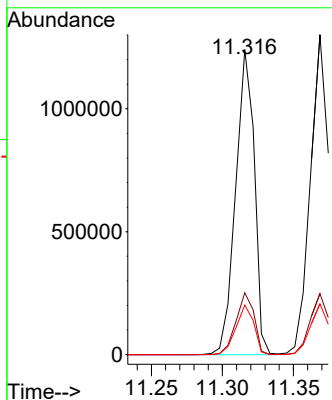
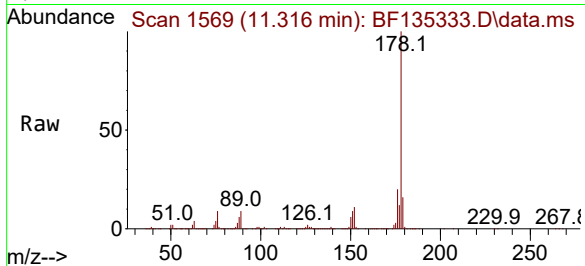




#71
Phenanthrene
Concen: 44.958 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

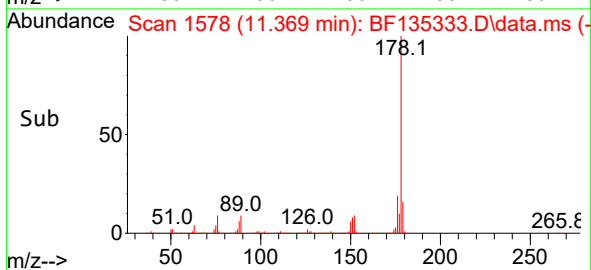
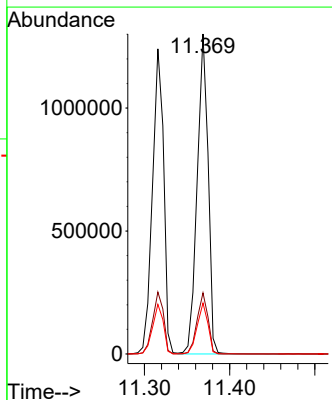
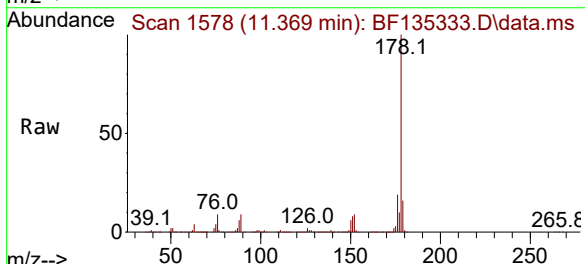
Instrument :
BNA_F
ClientSampleId :
PB155601BS

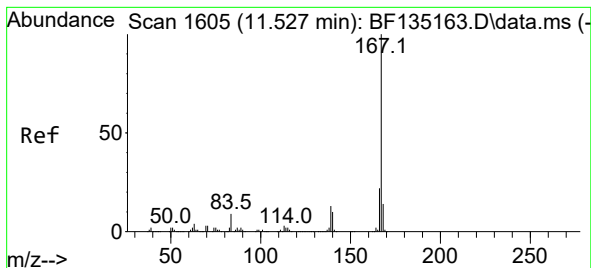
Tgt Ion:178 Resp: 1137976
Ion Ratio Lower Upper
178 100
176 20.3 15.6 23.4
179 16.2 12.0 18.0



#72
Anthracene
Concen: 44.613 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Tgt Ion:178 Resp: 1160723
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.9 12.6 19.0





#73

Carbazole

Concen: 47.286 ng

RT: 11.527 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155601BS

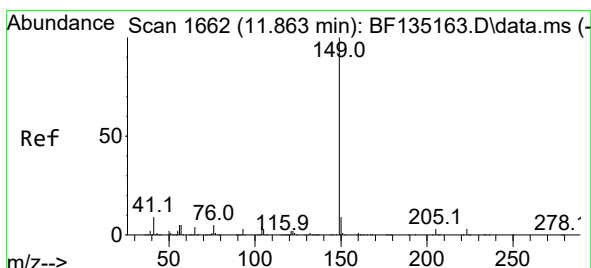
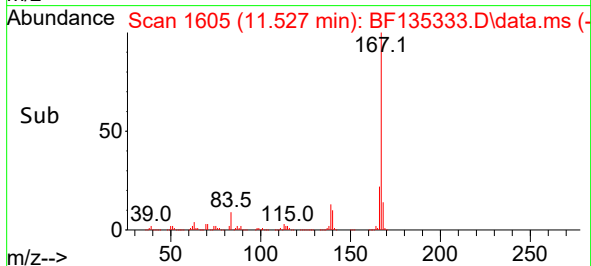
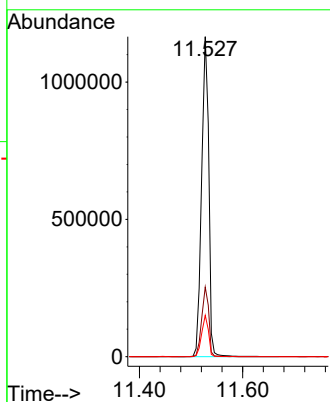
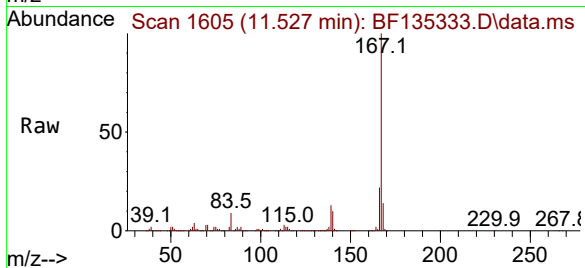
Tgt Ion:167 Resp: 1119942

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

139 12.9 10.6 15.8



#74

Di-n-butylphthalate

Concen: 47.923 ng

RT: 11.857 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

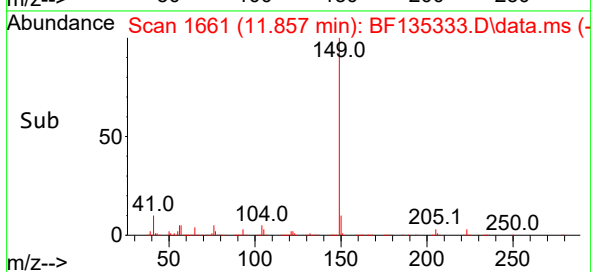
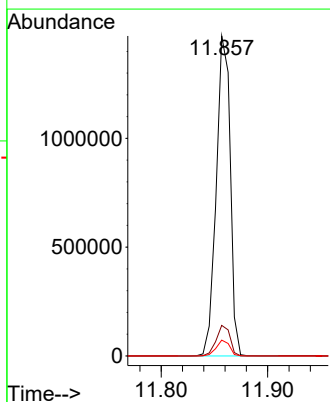
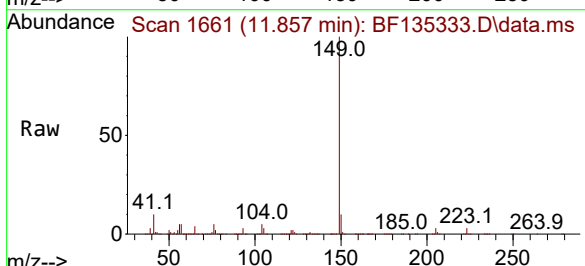
Tgt Ion:149 Resp: 1337470

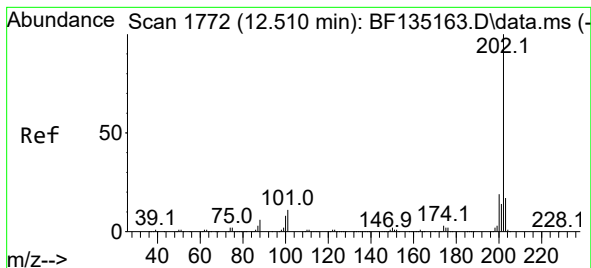
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

104 5.0 3.6 5.4





#75

Fluoranthene

Concen: 46.523 ng

RT: 12.510 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155601BS

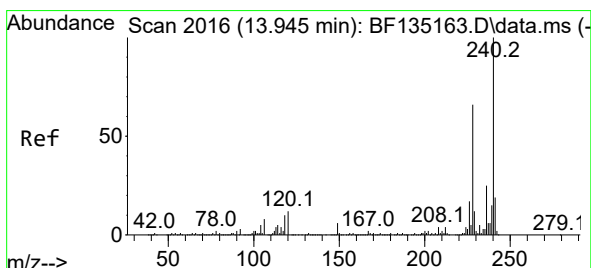
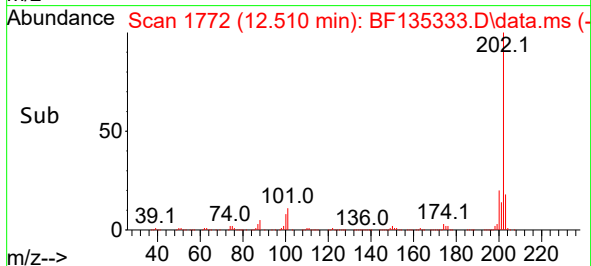
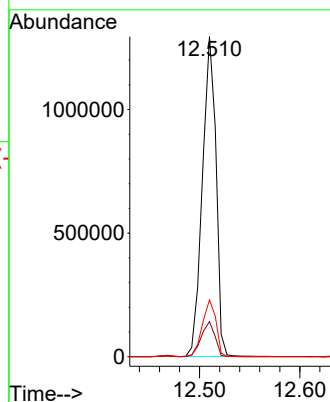
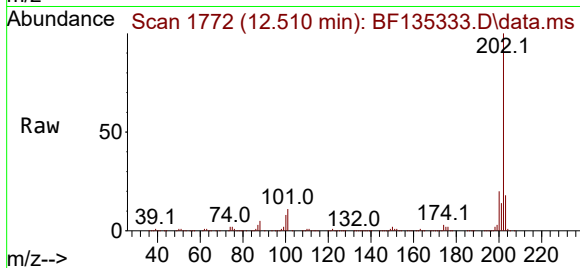
Tgt Ion:202 Resp: 1227013

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.3

203 17.7 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

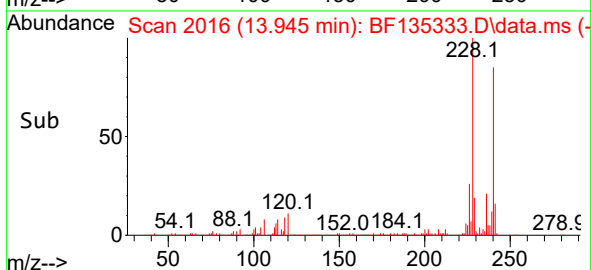
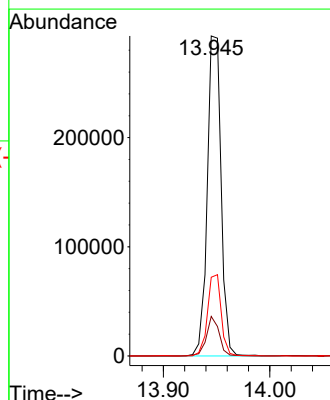
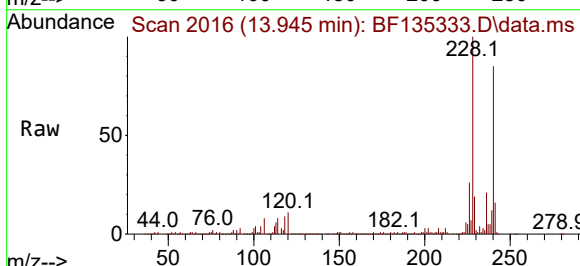
Tgt Ion:240 Resp: 265687

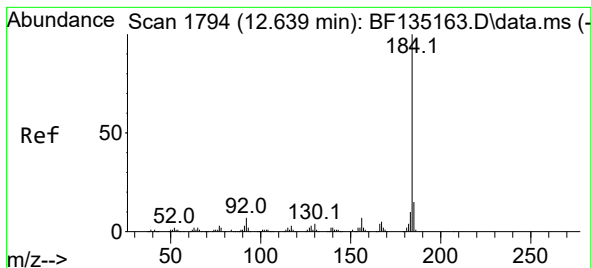
Ion Ratio Lower Upper

240 100

120 12.4 9.4 14.2

236 24.6 19.8 29.8





#77

Benzidine

Concen: 58.542 ng

RT: 12.633 min Scan# 1793

Delta R.T. -0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155601BS

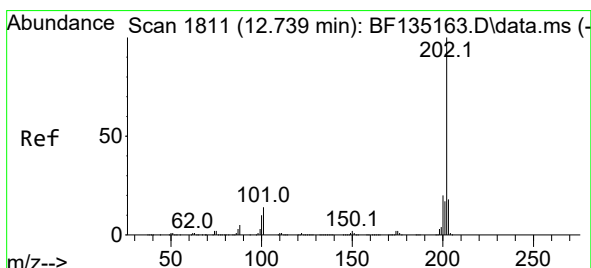
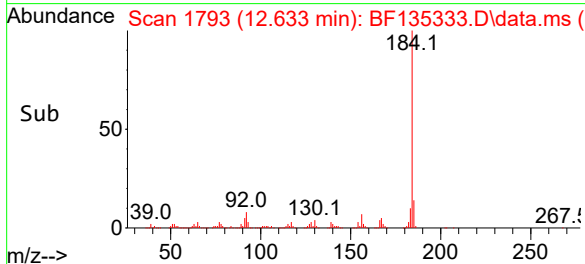
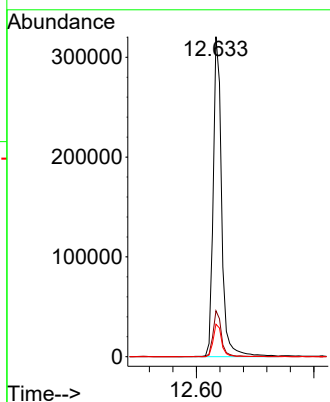
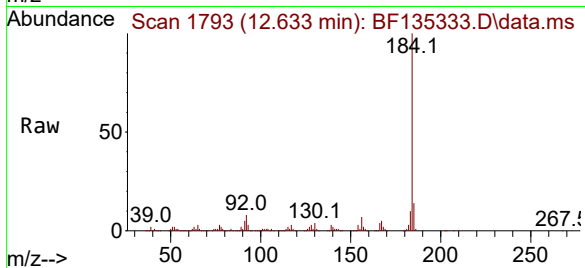
Tgt Ion:184 Resp: 318647

Ion Ratio Lower Upper

184 100

185 14.4 11.7 17.5

183 10.2 8.2 12.4



#78

Pyrene

Concen: 48.248 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

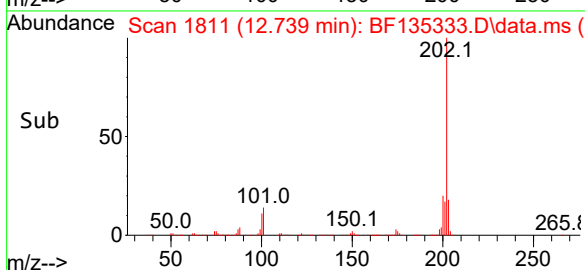
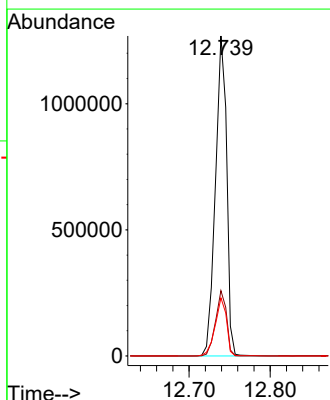
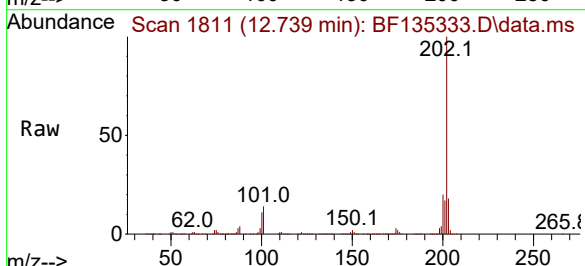
Tgt Ion:202 Resp: 1220466

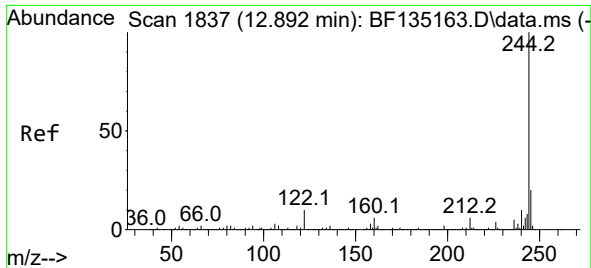
Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

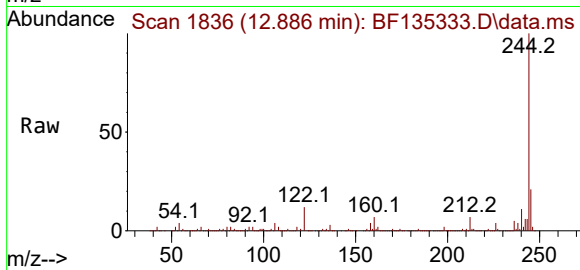
203 18.1 14.2 21.4



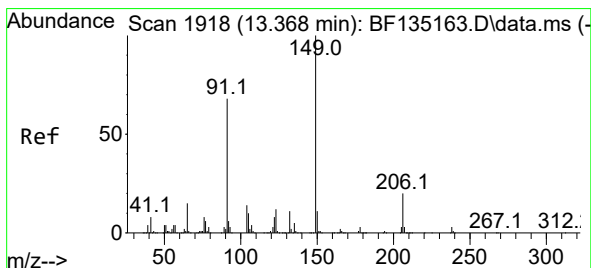
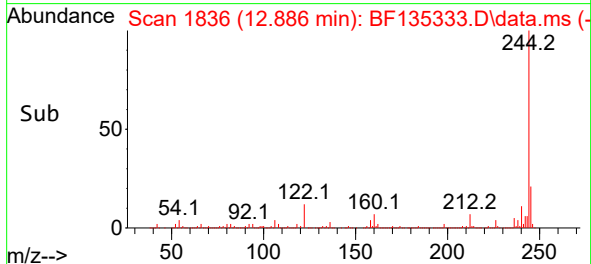
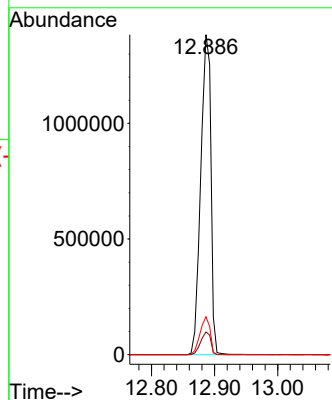


#79
 Terphenyl-d14
 Concen: 90.090 ng
 RT: 12.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135333.D
 Acq: 19 Sep 2023 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB155601BS

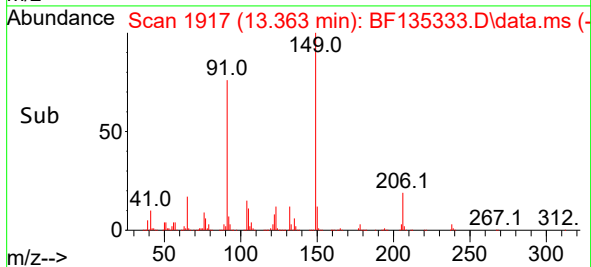
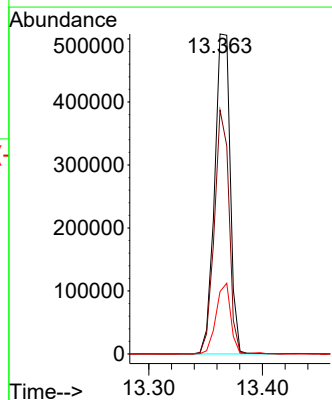
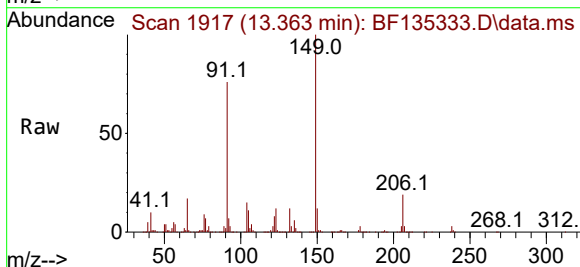


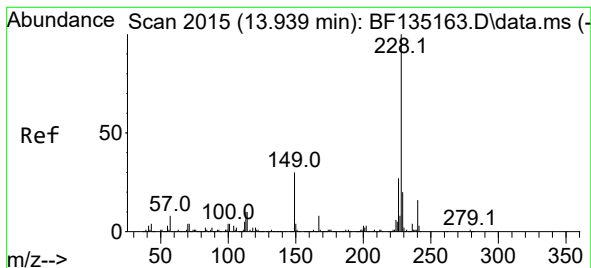
Tgt Ion:244 Resp: 1544043
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.1 7.7
 122 11.9 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 54.556 ng
 RT: 13.363 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF135333.D
 Acq: 19 Sep 2023 14:12

Tgt Ion:149 Resp: 485884
 Ion Ratio Lower Upper
 149 100
 91 76.2 54.7 82.1
 206 19.5 16.3 24.5





#81

Benzo(a)anthracene

Concen: 45.158 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155601BS

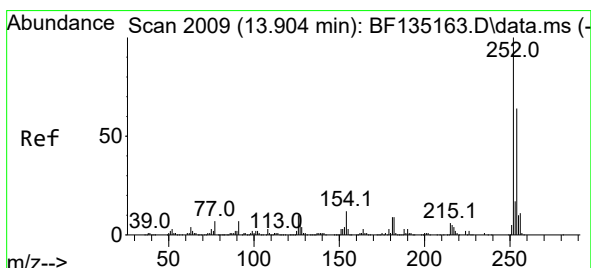
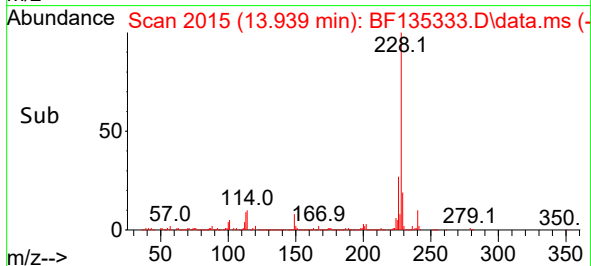
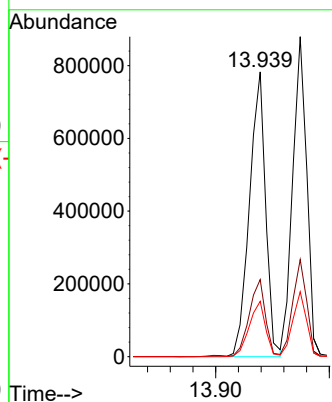
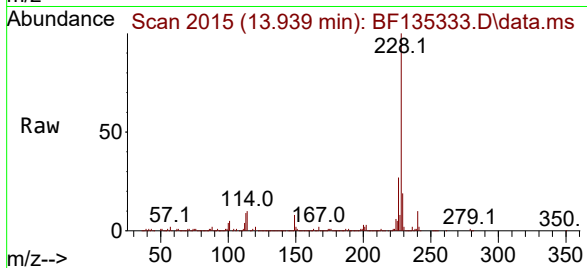
Tgt Ion:228 Resp: 774741

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

229 19.4 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 34.583 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

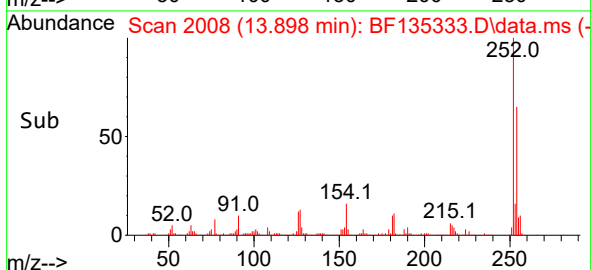
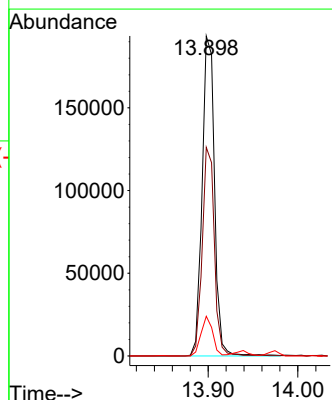
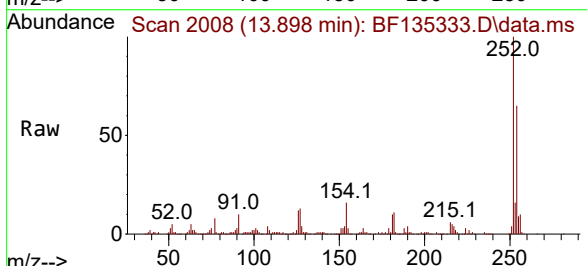
Tgt Ion:252 Resp: 185323

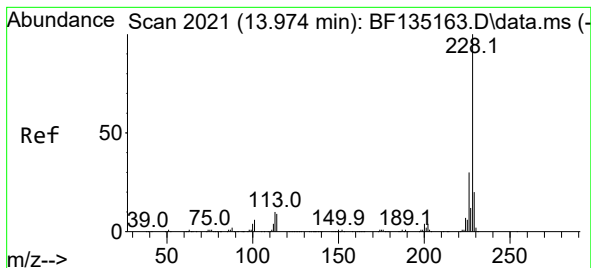
Ion Ratio Lower Upper

252 100

254 65.2 51.0 76.4

126 12.4 7.8 11.8#





#83

Chrysene

Concen: 44.434 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155601BS

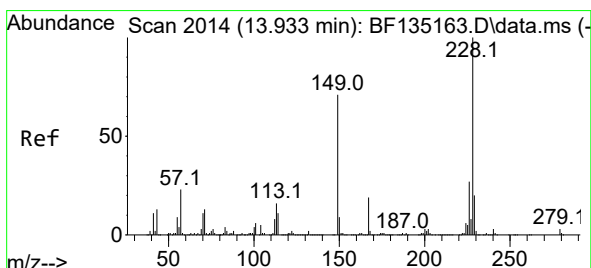
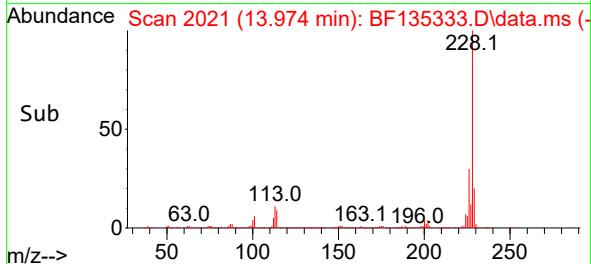
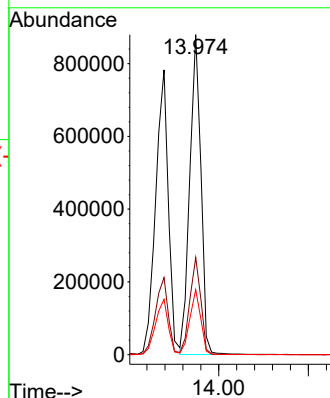
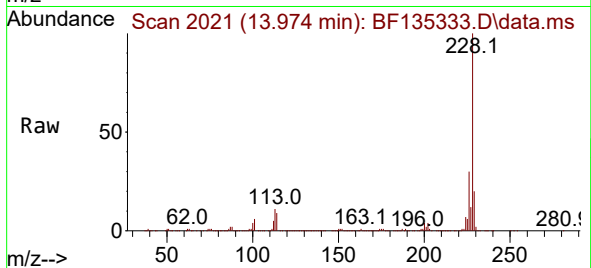
Tgt Ion:228 Resp: 757912

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 20.3 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.491 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

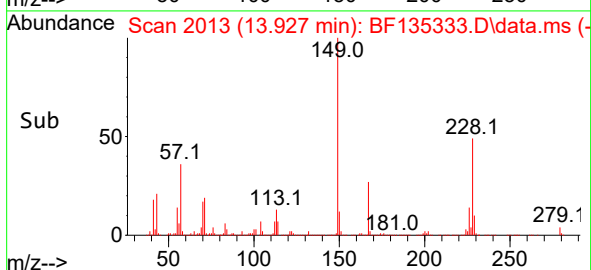
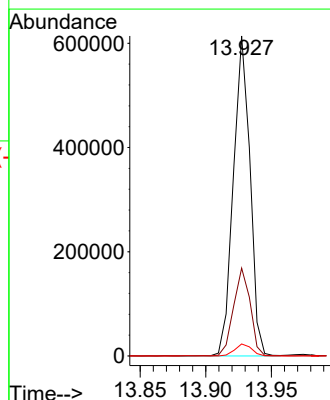
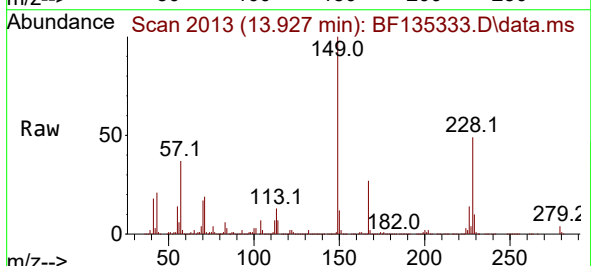
Tgt Ion:149 Resp: 543704

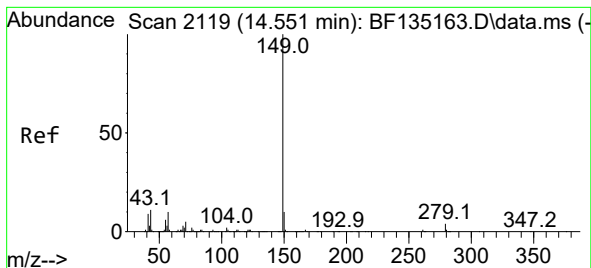
Ion Ratio Lower Upper

149 100

167 27.5 21.9 32.9

279 3.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 56.515 ng

RT: 14.545 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155601BS

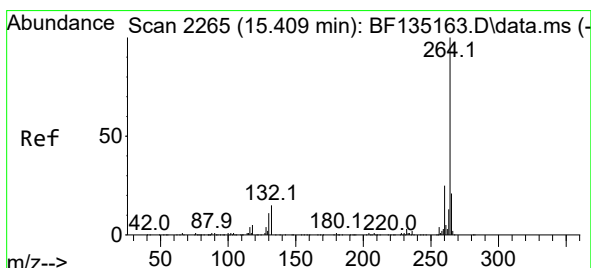
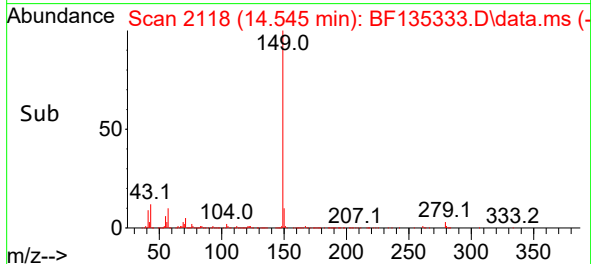
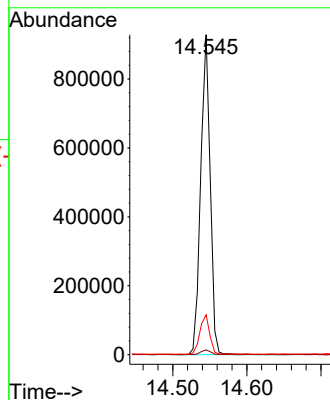
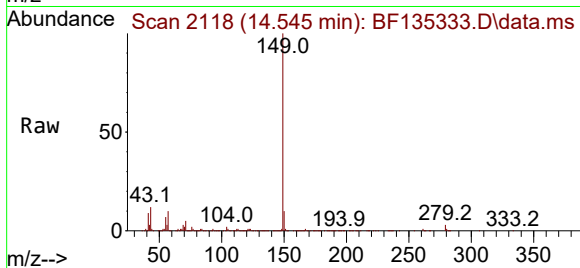
Tgt Ion:149 Resp: 820829

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 12.6 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

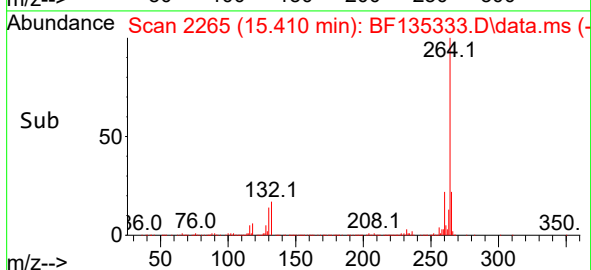
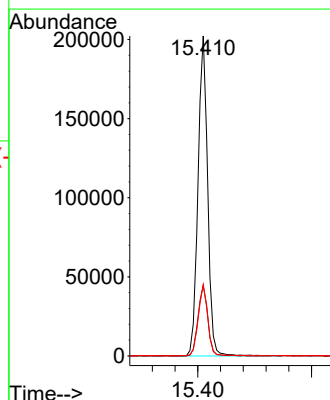
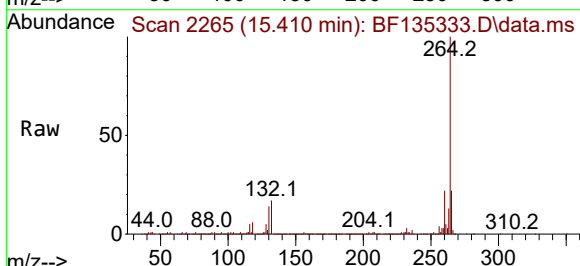
Tgt Ion:264 Resp: 239505

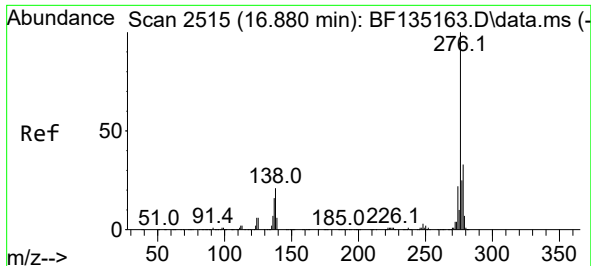
Ion Ratio Lower Upper

264 100

260 22.0 19.8 29.6

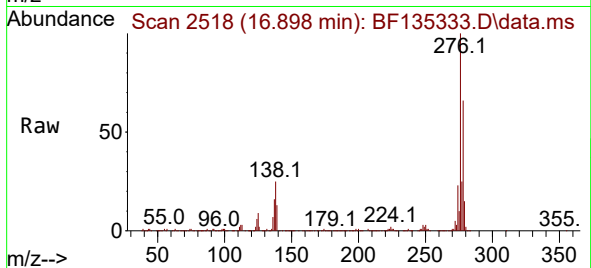
265 22.3 17.0 25.4



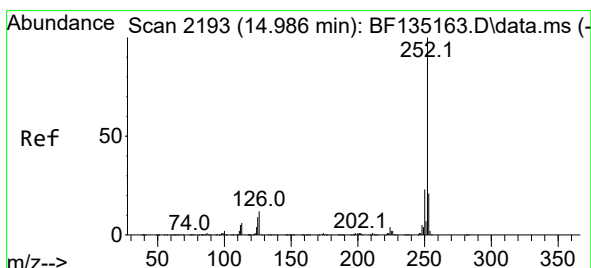
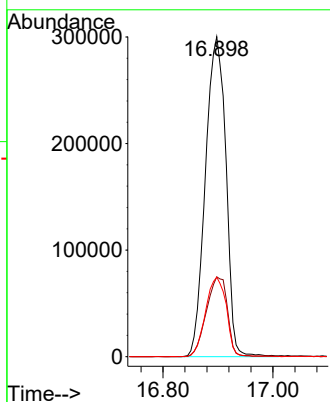
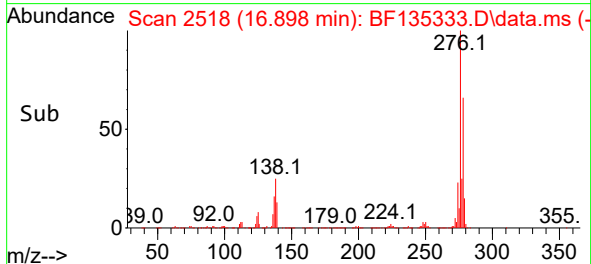


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.455 ng
 RT: 16.898 min Scan# 2118
 Delta R.T. 0.018 min
 Lab File: BF135333.D
 Acq: 19 Sep 2023 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB155601BS

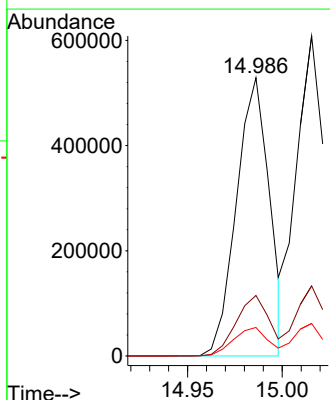
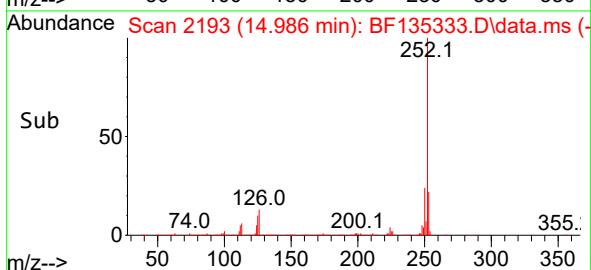
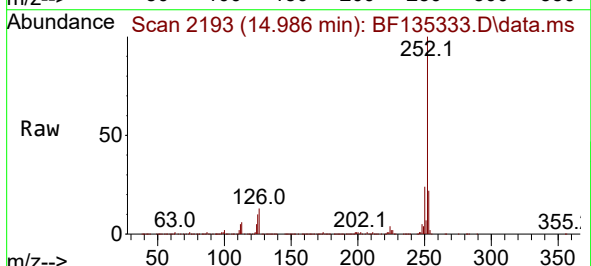


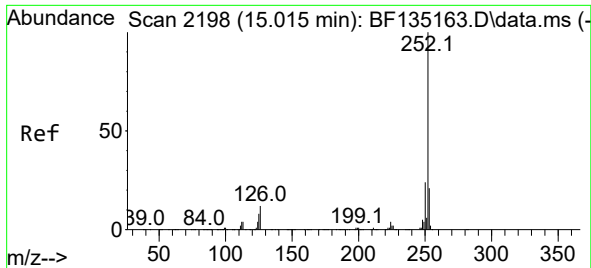
Tgt Ion:276 Resp: 776620
 Ion Ratio Lower Upper
 276 100
 138 25.6 19.2 28.8
 277 25.2 19.7 29.5



#88
 Benzo(b)fluoranthene
 Concen: 49.369 ng
 RT: 14.986 min Scan# 2193
 Delta R.T. 0.000 min
 Lab File: BF135333.D
 Acq: 19 Sep 2023 14:12

Tgt Ion:252 Resp: 640078
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.2 25.8
 125 10.2 7.1 10.7

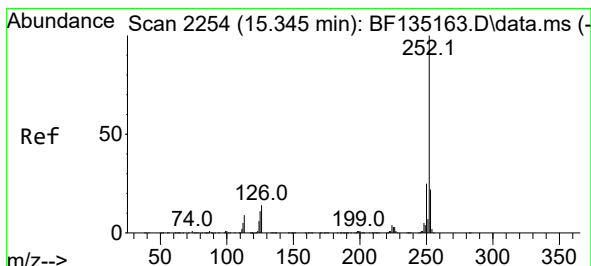
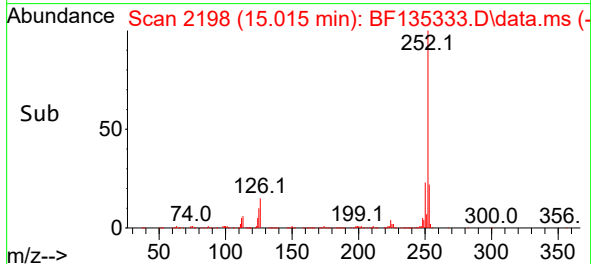
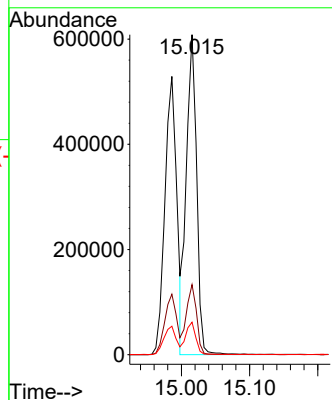
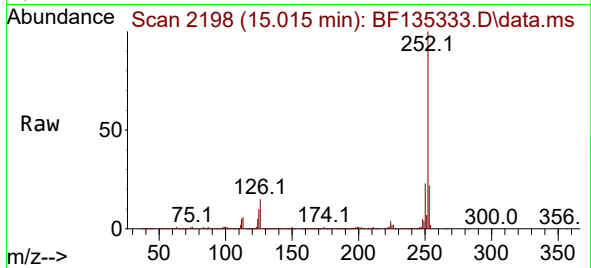




#89
Benzo(k)fluoranthene
Concen: 49.537 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

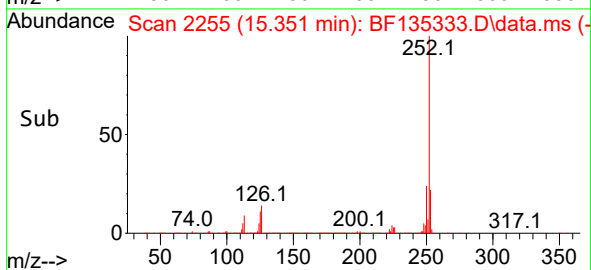
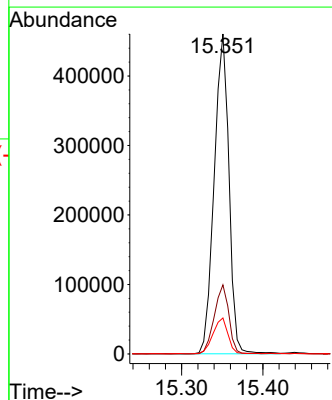
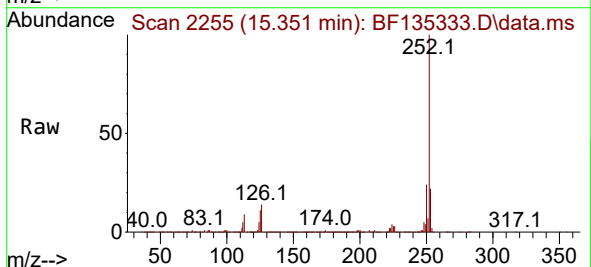
Instrument :
BNA_F
ClientSampleId :
PB155601BS

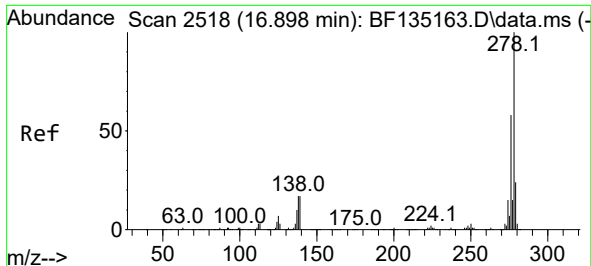
Tgt Ion:252 Resp: 634445
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.2 7.2 10.8



#90
Benzo(a)pyrene
Concen: 46.961 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Tgt Ion:252 Resp: 580631
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 11.2 9.2 13.8

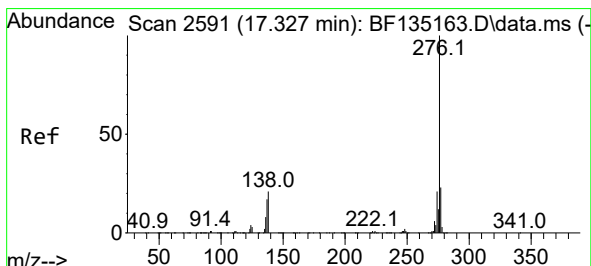
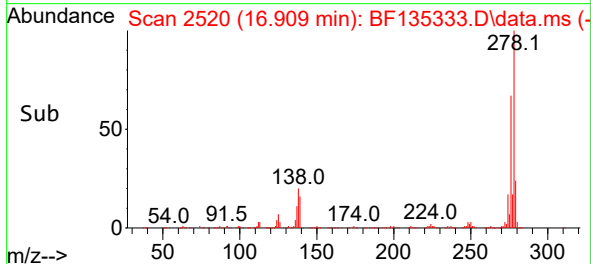
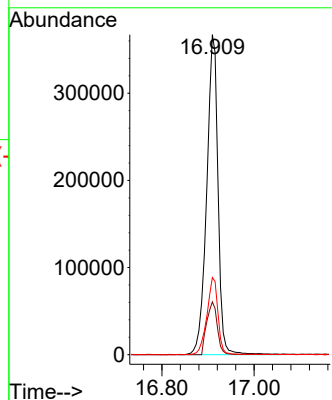
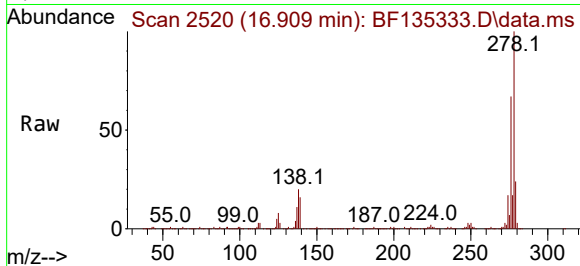




#91
Dibenzo(a,h)anthracene
Concen: 49.055 ng
RT: 16.909 min Scan# 2518
Delta R.T. 0.012 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Instrument :
BNA_F
ClientSampleId :
PB155601BS

Tgt Ion:278 Resp: 630308
Ion Ratio Lower Upper
278 100
139 16.5 13.4 20.0
279 24.1 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 49.131 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.018 min
Lab File: BF135333.D
Acq: 19 Sep 2023 14:12

Tgt Ion:276 Resp: 659288
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 22.0 16.9 25.3

