

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
 Data File : BF135453.D
 Acq On : 26 Sep 2023 15:23
 Operator : CG\JU
 Sample : 04531-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-AMSD

Quant Time: Sep 27 02:12:50 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 26 01:36:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	165667	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	639951	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	304589	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	513027	20.000	ng	0.00
76) Chrysene-d12	13.945	240	281387	20.000	ng	0.00
86) Perylene-d12	15.410	264	375141	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1250799	122.798	ng	0.02
7) Phenol-d6	6.410	99	1585349	122.403	ng	0.00
23) Nitrobenzene-d5	7.322	82	1001319	85.008	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	315197	104.133	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1570319	77.783	ng	0.00
79) Terphenyl-d14	12.880	244	1127838	62.134	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.558	88	209283	46.869	ng	93
3) Pyridine	3.310	79	543081	45.190	ng	93
4) n-Nitrosodimethylamine	3.275	42	328936	51.579	ng	92
6) Aniline	6.428	93	537081	31.622	ng	# 70
8) 2-Chlorophenol	6.546	128	558899	51.400	ng	98
9) Benzaldehyde	6.310	77	156944	21.271	ng	98
10) Phenol	6.422	94	644878	45.407	ng	86
11) bis(2-Chloroethyl)ether	6.498	93	541840	50.862	ng	99
12) 1,3-Dichlorobenzene	6.698	146	523375	47.362	ng	97
13) 1,4-Dichlorobenzene	6.775	146	536880	47.753	ng	98
14) 1,2-Dichlorobenzene	6.922	146	499786	47.869	ng	98
15) Benzyl Alcohol	6.910	79	456198	49.085	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.034	45	970661	48.339	ng	85
17) 2-Methylphenol	7.022	107	449411	46.836	ng	96
18) Hexachloroethane	7.257	117	201794	48.577	ng	89
19) n-Nitroso-di-n-propyla...	7.175	70	348571	43.450	ng	95
20) 3+4-Methylphenols	7.175	107	511910	44.367	ng	# 87
22) Acetophenone	7.169	105	684764	46.803	ng	96
24) Nitrobenzene	7.345	77	573509	49.260	ng	96
25) Isophorone	7.581	82	1073569	49.634	ng	99
26) 2-Nitrophenol	7.657	139	299268	53.558	ng	96
27) 2,4-Dimethylphenol	7.698	122	441678	47.025	ng	98
28) bis(2-Chloroethoxy)met...	7.793	93	668084	51.606	ng	100
29) 2,4-Dichlorophenol	7.904	162	432101	49.649	ng	98
30) 1,2,4-Trichlorobenzene	7.975	180	441935	48.582	ng	97
31) Naphthalene	8.057	128	1483657	47.716	ng	99
32) Benzoic acid	7.845	122	315463	44.604	ng	100
33) 4-Chloroaniline	8.110	127	448777	32.897	ng	98
34) Hexachlorobutadiene	8.169	225	244292	44.537	ng	100
35) Caprolactam	8.492	113	95200	32.593	ng	95
36) 4-Chloro-3-methylphenol	8.610	107	473589	48.961	ng	95
37) 2-Methylnaphthalene	8.751	142	921434	44.086	ng	99
38) 1-Methylnaphthalene	8.851	142	887205	45.339	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	428864	48.601	ng	99
41) Hexachlorocyclopentadiene	8.898	237	144772	41.181	ng	97
43) 2,4,6-Trichlorophenol	9.034	196	290235	50.235	ng	100

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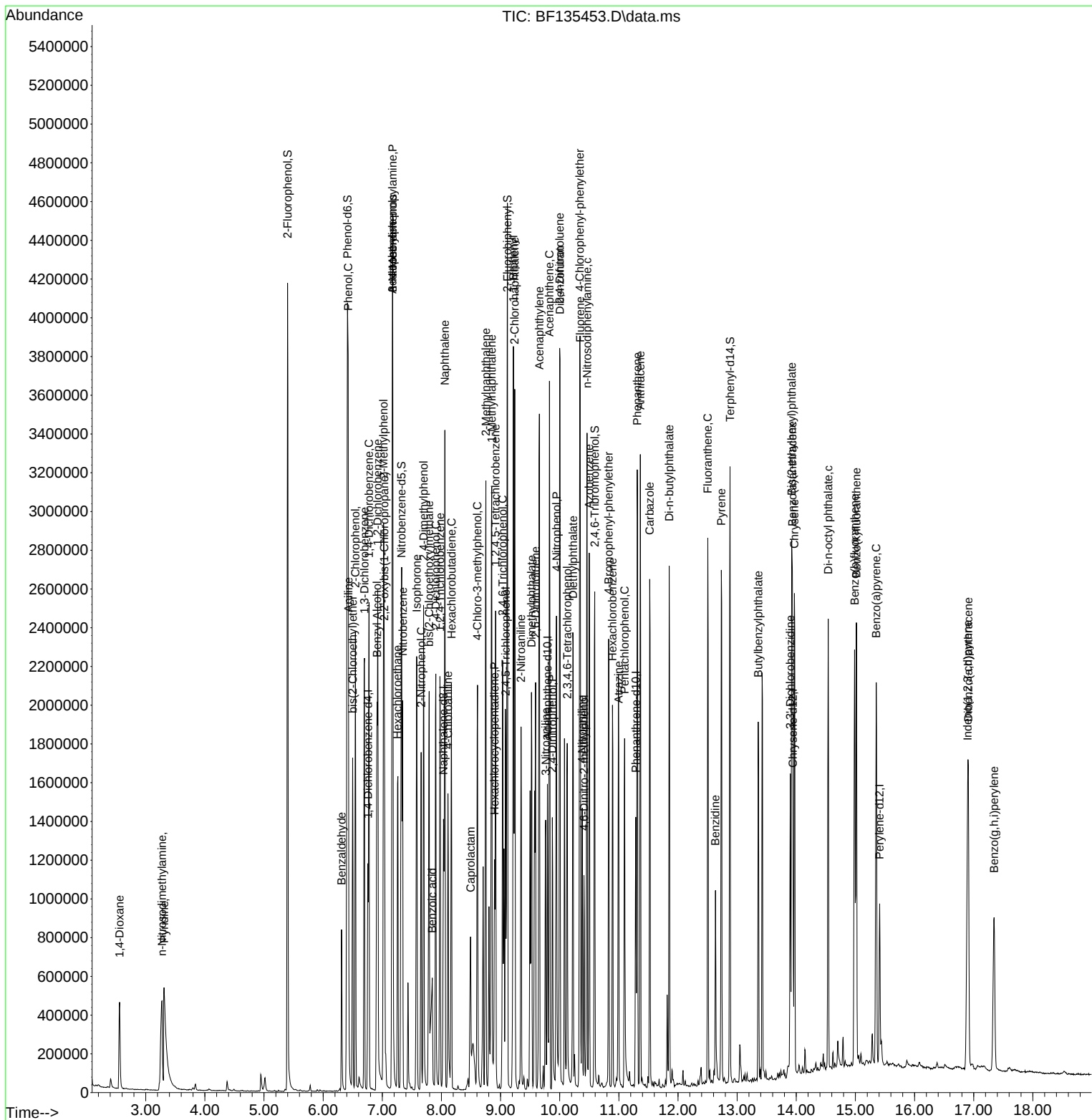
Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.087	196	309434	46.507	ng	97
46) 1,1'-Biphenyl	9.216	154	1142000	48.788	ng	99
47) 2-Chloronaphthalene	9.239	162	802933	47.278	ng	98
48) 2-Nitroaniline	9.345	65	349138	52.916	ng	99
49) Acenaphthylene	9.657	152	1366733	48.423	ng	99
50) Dimethylphthalate	9.522	163	1001059	48.611	ng	100
51) 2,6-Dinitrotoluene	9.592	165	222850	49.398	ng	89
52) Acenaphthene	9.828	154	811304	48.657	ng	98
53) 3-Nitroaniline	9.763	138	219072	41.369	ng	92
54) 2,4-Dinitrophenol	9.875	184	186036	73.215	ng	91
55) Dibenzofuran	10.004	168	1139842	44.798	ng	99
56) 4-Nitrophenol	9.945	139	312576	92.874	ng	91
57) 2,4-Dinitrotoluene	9.998	165	246359	43.621	ng	# 78
58) Fluorene	10.345	166	902805	46.155	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	247669	48.390	ng	97
60) Diethylphthalate	10.228	149	961296	46.513	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	412860	43.939	ng	93
62) 4-Nitroaniline	10.381	138	237391	46.636	ng	94
63) Azobenzene	10.498	77	988266	48.859	ng	97
65) 4,6-Dinitro-2-methylph...	10.410	198	129246	47.432	ng	93
66) n-Nitrosodiphenylamine	10.463	169	825276	53.135	ng	100
67) 4-Bromophenyl-phenylether	10.828	248	259280	50.815	ng	95
68) Hexachlorobenzene	10.892	284	267918	51.540	ng	# 87
69) Atrazine	10.998	200	237563	56.845	ng	97
70) Pentachlorophenol	11.098	266	244261	78.538	ng	99
71) Phenanthrene	11.310	178	1293140	53.295	ng	98
72) Anthracene	11.363	178	1256113	50.364	ng	100
73) Carbazole	11.522	167	1127421	49.657	ng	99
74) Di-n-butylphthalate	11.851	149	1313298	49.089	ng	99
75) Fluoranthene	12.504	202	1184306	46.842	ng	97
77) Benzidine	12.633	184	401683	69.679	ng	100
78) Pyrene	12.733	202	1197713	44.707	ng	100
80) Butylbenzylphthalate	13.357	149	424402	44.994	ng	95
81) Benzo(a)anthracene	13.933	228	978567	53.856	ng	98
82) 3,3'-Dichlorobenzidine	13.898	252	310980	54.794	ng	# 97
83) Chrysene	13.969	228	944335	52.274	ng	99
84) Bis(2-ethylhexyl)phtha...	13.922	149	526019	54.345	ng	99
85) Di-n-octyl phthalate	14.539	149	1044964	67.933	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	924020	37.567	ng	96
88) Benzo(b)fluoranthene	14.986	252	1210134	59.590	ng	# 97
89) Benzo(k)fluoranthene	15.016	252	871460	43.442	ng	# 97
90) Benzo(a)pyrene	15.351	252	990554	51.149	ng	98
91) Dibenzo(a,h)anthracene	16.910	278	722204	35.885	ng	98
92) Benzo(g,h,i)perylene	17.345	276	680188	32.362	ng	96

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

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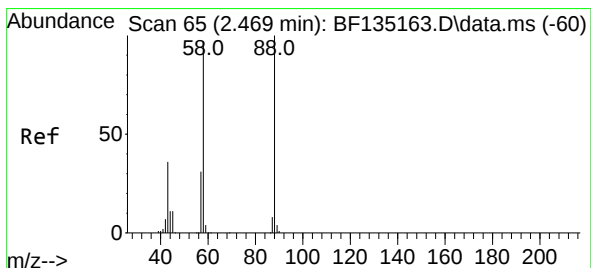
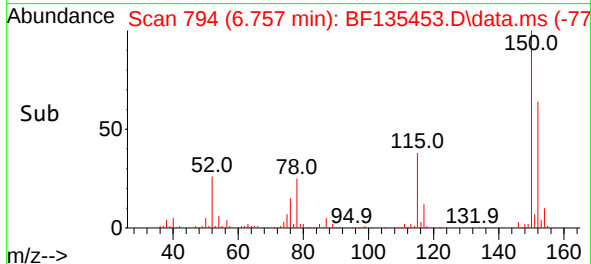
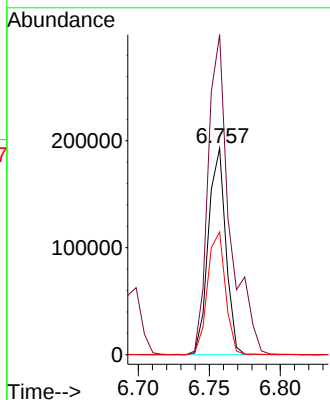
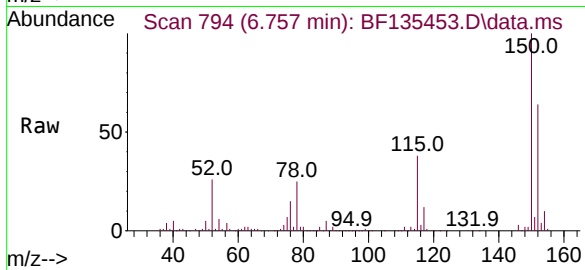




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 79
 Delta R.T. 0.006 min
 Lab File: BF135453.D
 Acq: 26 Sep 2023 15:23

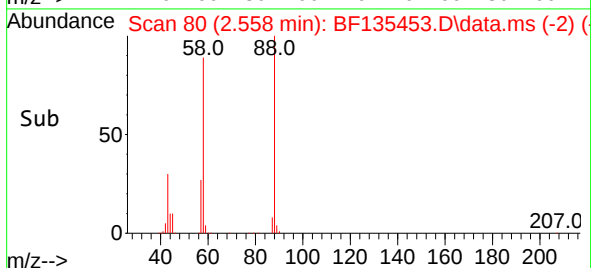
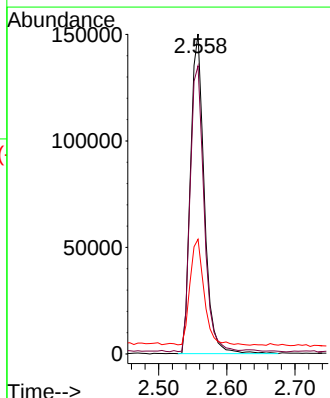
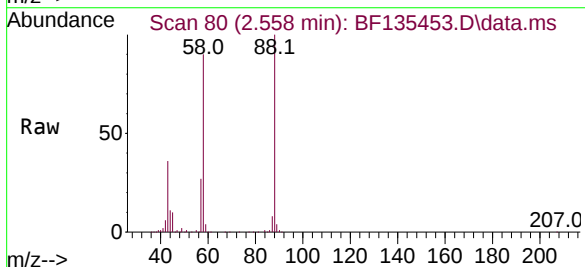
Instrument :
 BNA_F
 ClientSampleId :
 TP-AMSD

Tgt Ion:152 Resp: 165667
 Ion Ratio Lower Upper
 152 100
 150 155.0 127.8 191.6
 115 59.4 49.8 74.8



#2
 1,4-Dioxane
 Concen: 46.869 ng
 RT: 2.558 min Scan# 80
 Delta R.T. 0.106 min
 Lab File: BF135453.D
 Acq: 26 Sep 2023 15:23

Tgt Ion: 88 Resp: 209283
 Ion Ratio Lower Upper
 88 100
 58 90.2 78.3 117.5
 43 34.0 29.4 44.0

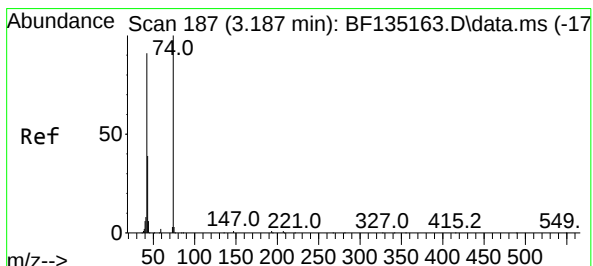
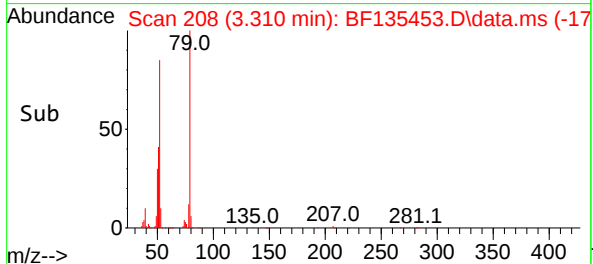
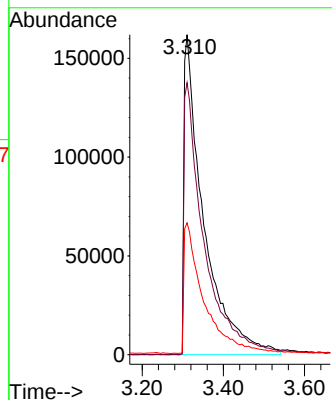
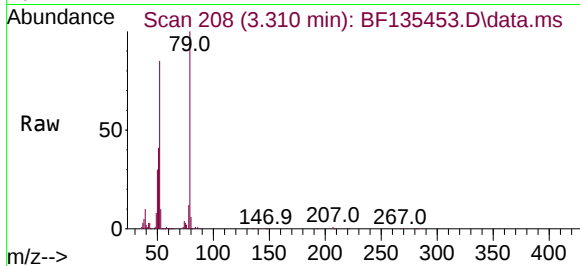




#3
Pyridine
Concen: 45.190 ng
RT: 3.310 min Scan# 20
Delta R.T. 0.112 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

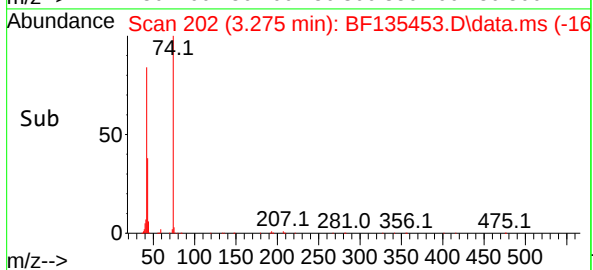
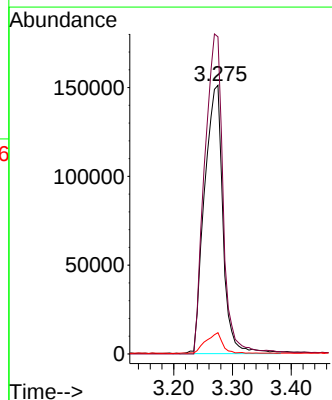
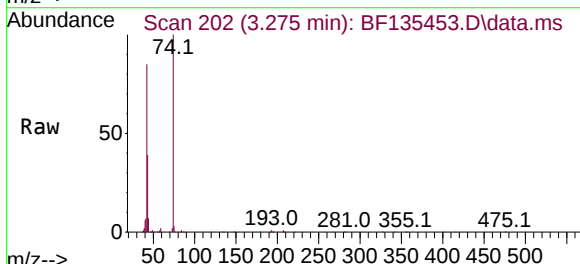
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ClientSampleId :
TP-AMSD

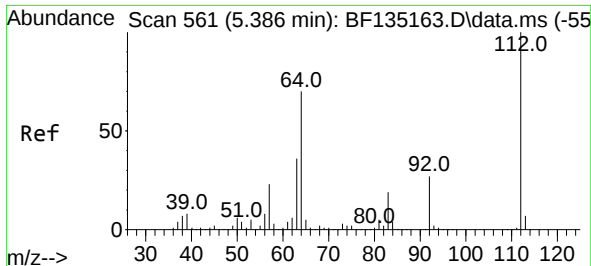
Tgt Ion: 79 Resp: 543081
Ion Ratio Lower Upper
79 100
52 85.0 74.1 111.1
51 41.2 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 51.579 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.106 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

Tgt Ion: 42 Resp: 328936
Ion Ratio Lower Upper
42 100
74 118.1 87.7 131.5
44 7.9 5.6 8.4

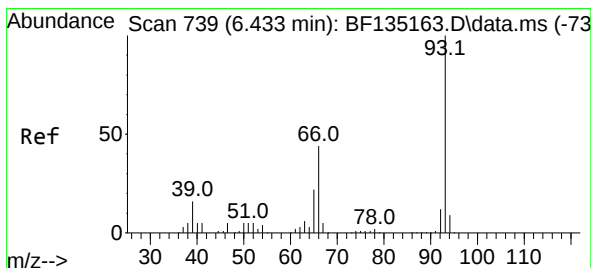
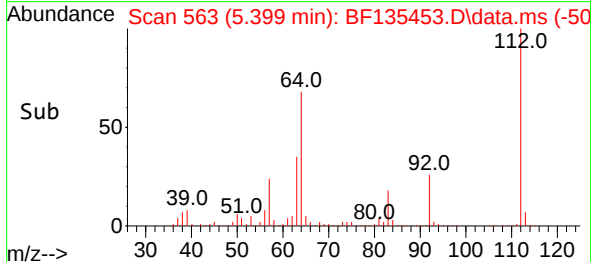
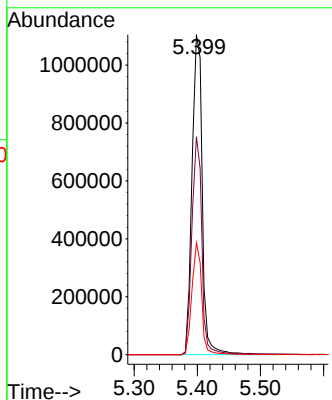
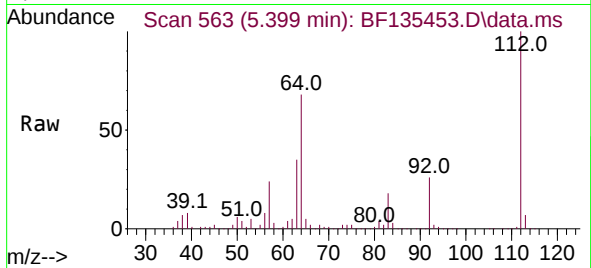




#5
2-Fluorophenol
Concen: 122.798 ng
RT: 5.399 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

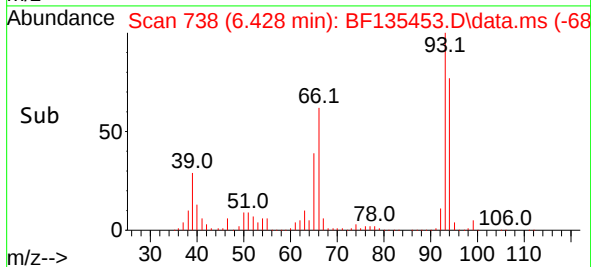
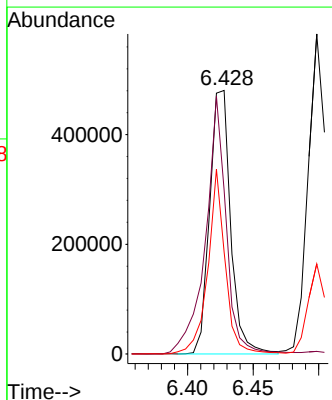
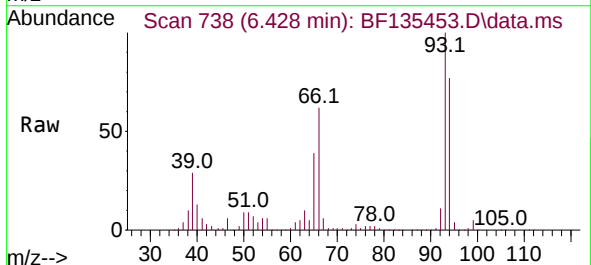
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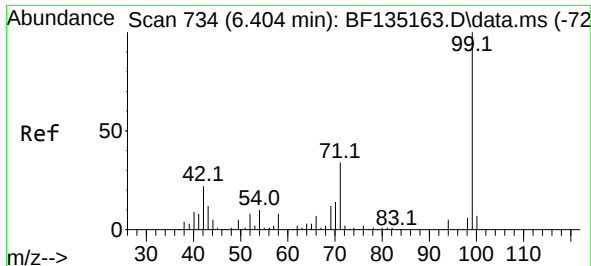
Tgt Ion:112 Resp: 1250799
Ion Ratio Lower Upper
112 100
64 68.1 55.9 83.9
63 35.0 29.0 43.6



#6
Aniline
Concen: 31.622 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

Tgt Ion: 93 Resp: 537081
Ion Ratio Lower Upper
93 100
66 62.1 35.4 53.0#
65 38.6 17.8 26.8#

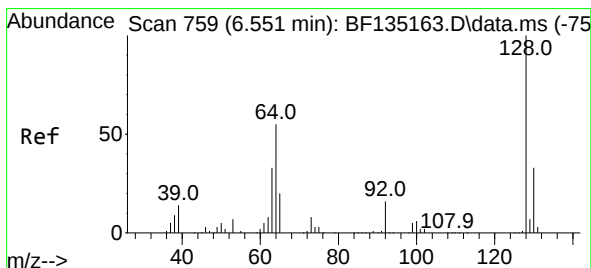
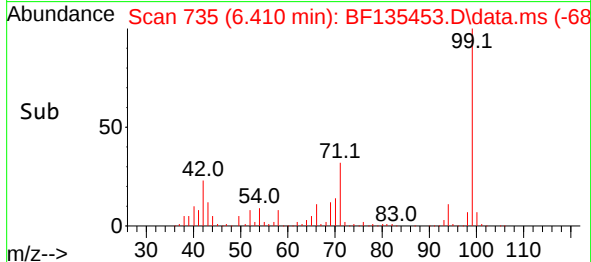
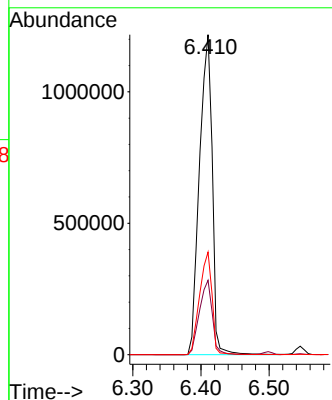
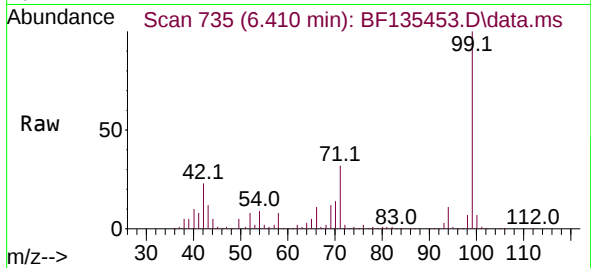




#7
Phenol-d6
Concen: 122.403 ng
RT: 6.410 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

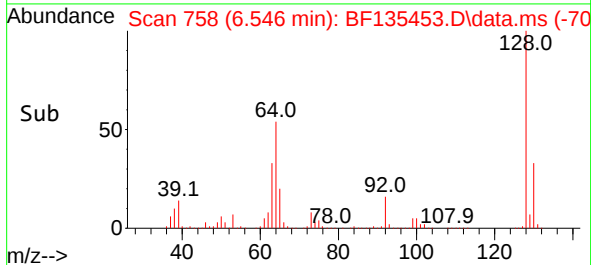
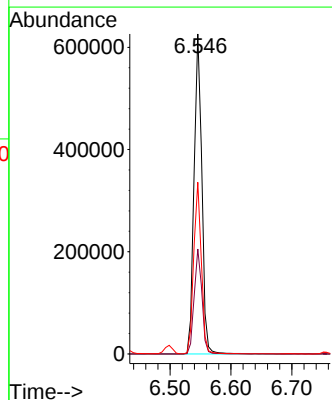
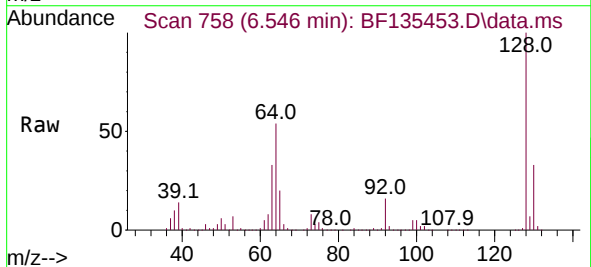
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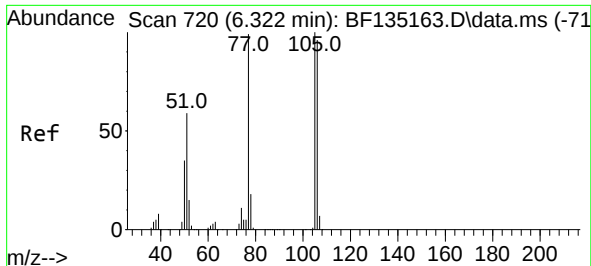
Tgt Ion: 99 Resp: 1585349
Ion Ratio Lower Upper
99 100
42 23.2 17.9 26.9
71 32.1 27.0 40.6



#8
2-Chlorophenol
Concen: 51.400 ng
RT: 6.546 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

Tgt Ion:128 Resp: 558899
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 53.6 35.9 75.9





#9

Benzaldehyde

Concen: 21.271 ng

RT: 6.310 min Scan# 718

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

Instrument :

BNA_F

ClientSampleId :

TP-AMSD

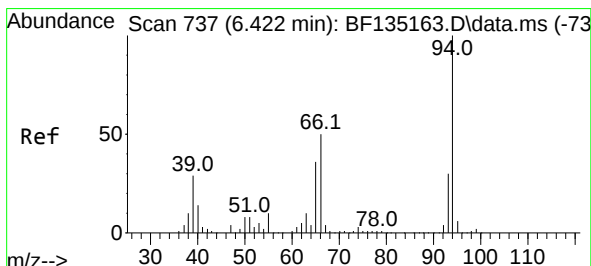
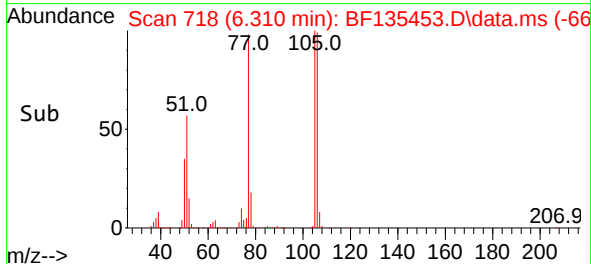
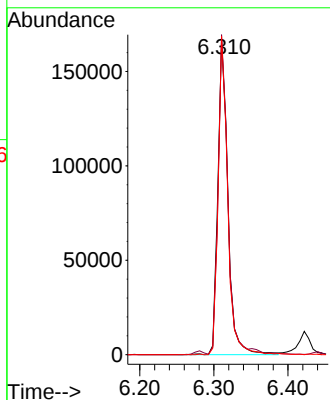
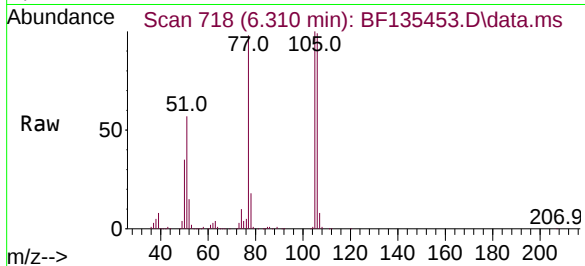
Tgt Ion: 77 Resp: 156944

Ion Ratio Lower Upper

77 100

105 101.6 81.4 121.4

106 101.0 76.9 116.9



#10

Phenol

Concen: 45.407 ng

RT: 6.422 min Scan# 737

Delta R.T. 0.006 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

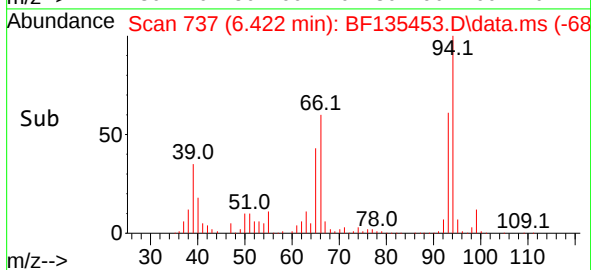
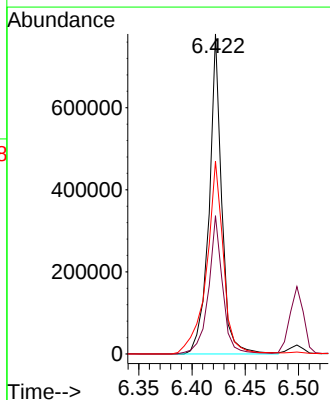
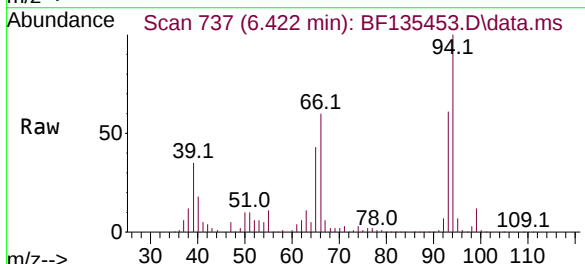
Tgt Ion: 94 Resp: 644878

Ion Ratio Lower Upper

94 100

65 43.2 15.9 55.9

66 60.3 29.8 69.8

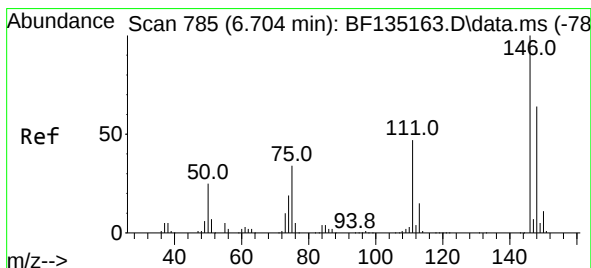
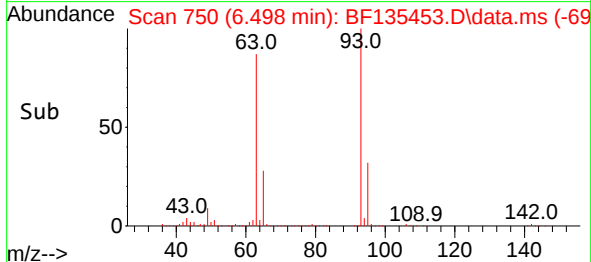
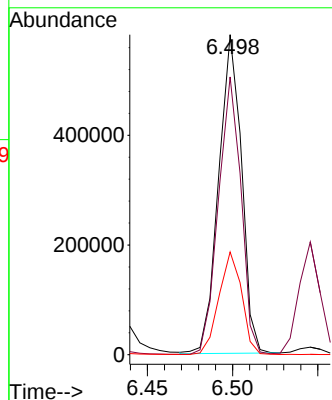
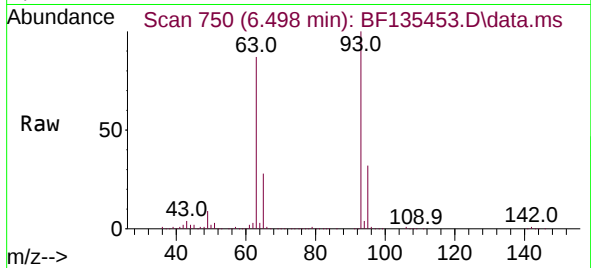




#11
bis(2-Chloroethyl)ether
Concen: 50.862 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

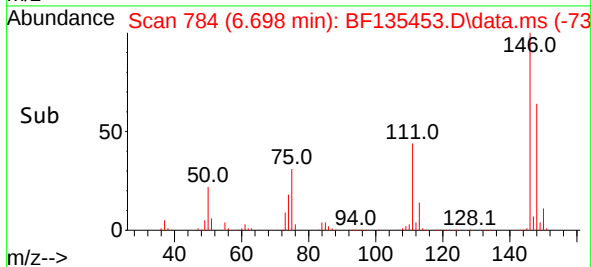
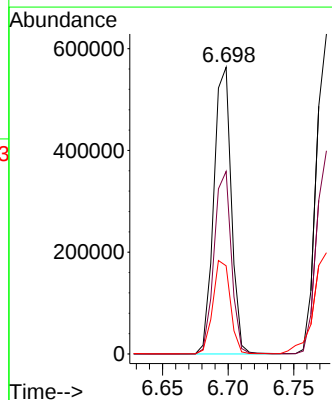
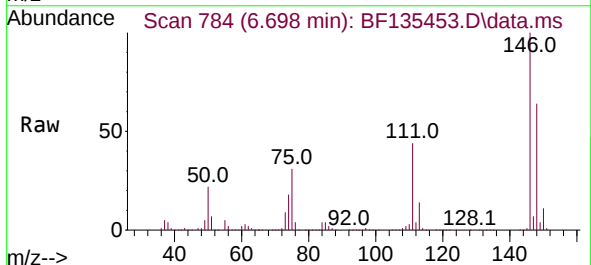
Instrument :
BNA_F
ClientSampleId :
TP-AMSD

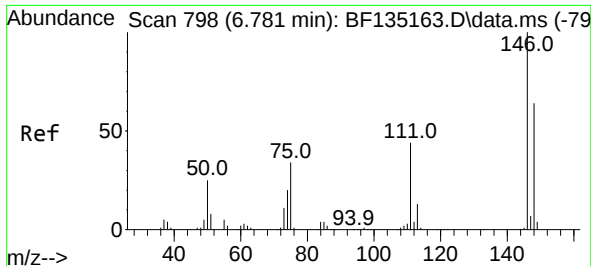
Tgt Ion: 93 Resp: 541840
Ion Ratio Lower Upper
93 100
63 86.8 67.3 107.3
95 32.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 47.362 ng
RT: 6.698 min Scan# 784
Delta R.T. 0.006 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

Tgt Ion: 146 Resp: 523375
Ion Ratio Lower Upper
146 100
148 63.7 51.3 76.9
75 30.8 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 47.753 ng

RT: 6.775 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

Instrument :

BNA_F

ClientSampleId :

TP-AMSD

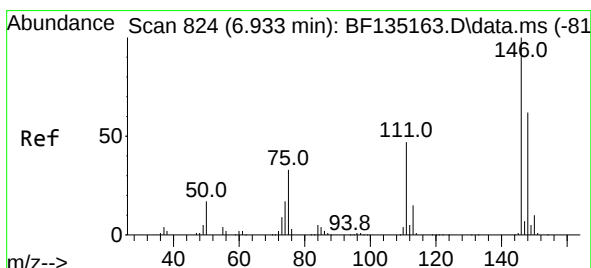
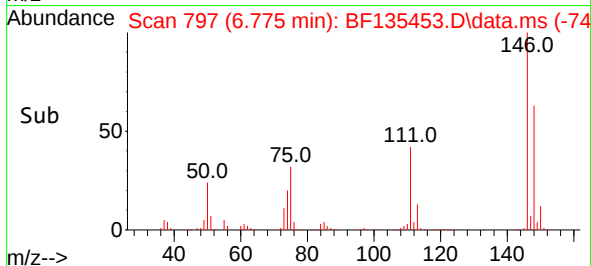
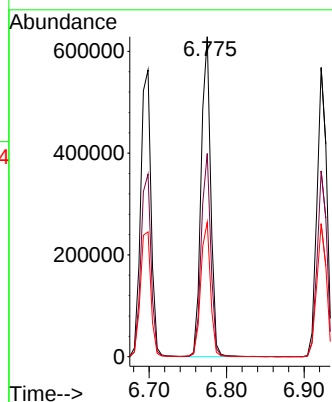
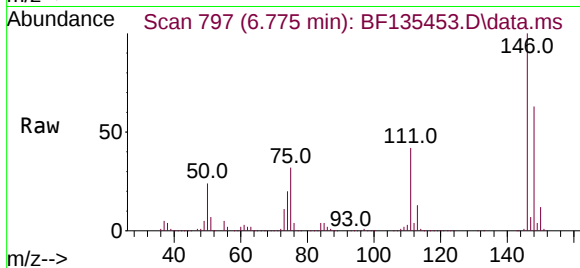
Tgt Ion:146 Resp: 536880

Ion Ratio Lower Upper

146 100

148 63.5 51.3 76.9

111 42.1 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 47.869 ng

RT: 6.922 min Scan# 822

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

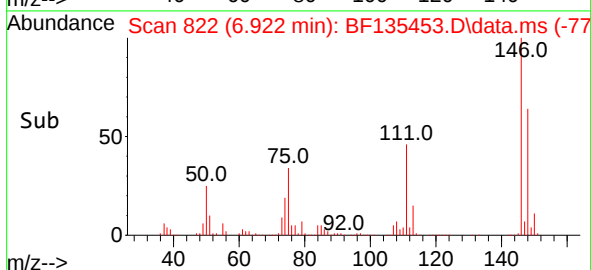
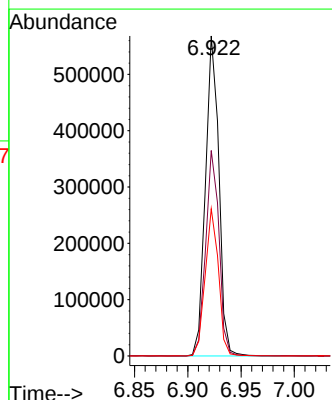
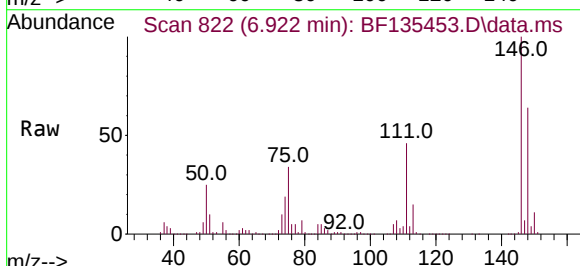
Tgt Ion:146 Resp: 499786

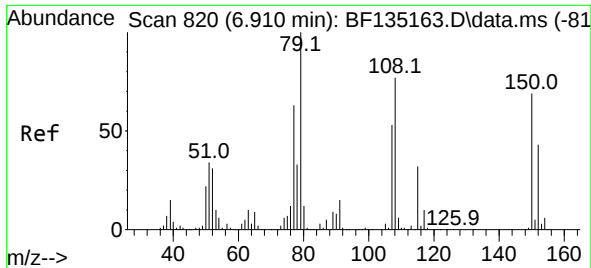
Ion Ratio Lower Upper

146 100

148 64.2 49.7 74.5

111 46.0 37.4 56.2

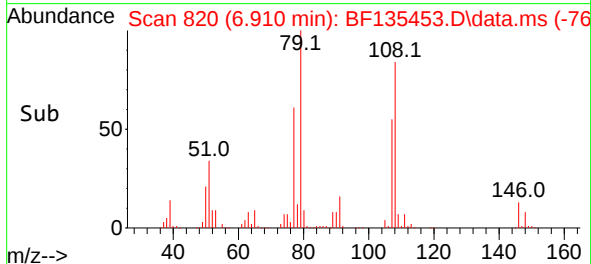
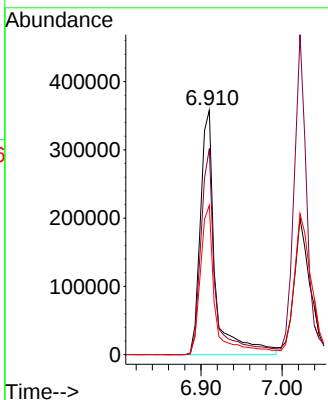
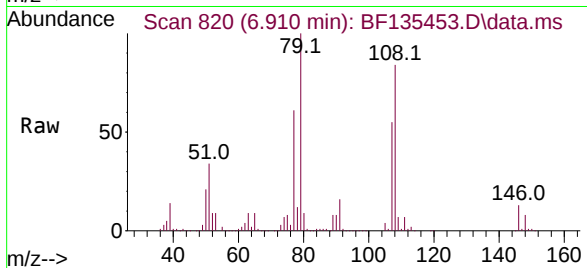




#15
Benzyl Alcohol
Concen: 49.085 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

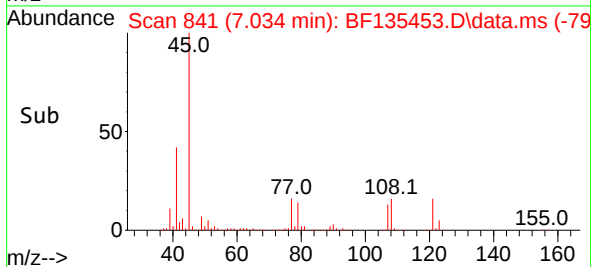
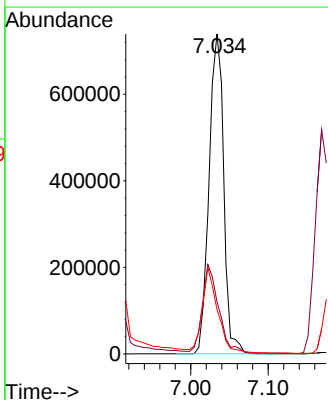
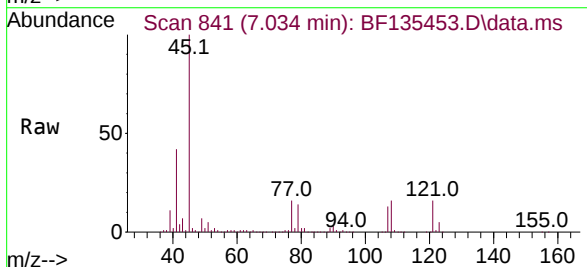
Instrument :
BNA_F
ClientSampleId :
TP-AMSD

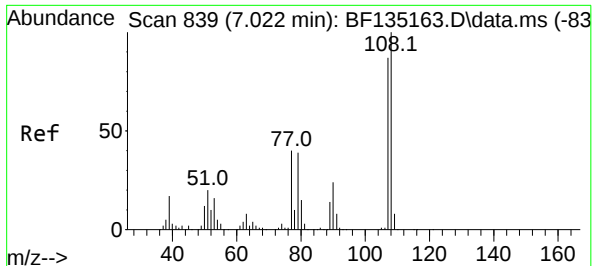
Tgt Ion: 79 Resp: 456198
Ion Ratio Lower Upper
79 100
108 84.3 61.2 91.8
77 61.1 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.339 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

Tgt Ion: 45 Resp: 970661
Ion Ratio Lower Upper
45 100
77 16.3 0.0 30.6
79 13.9 0.0 28.3

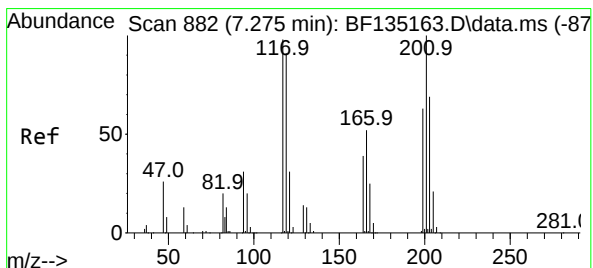
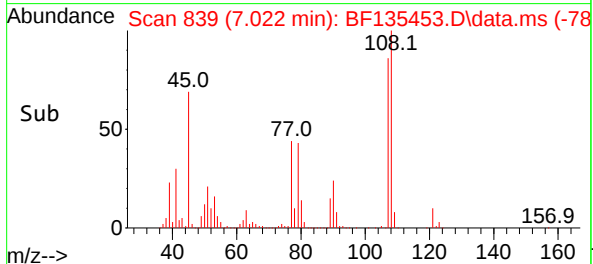
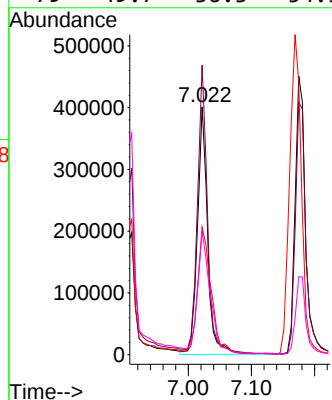
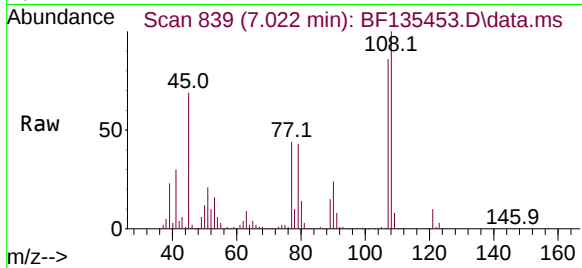




#17
2-Methylphenol
Concen: 46.836 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

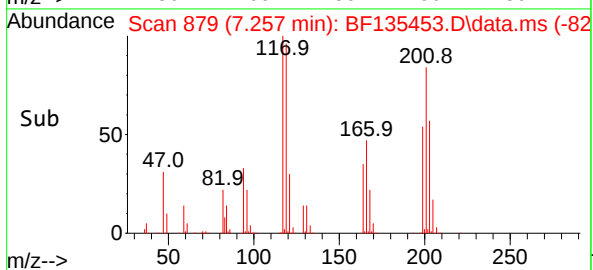
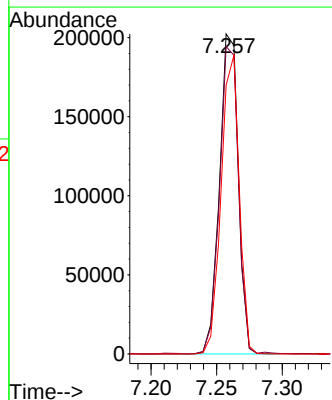
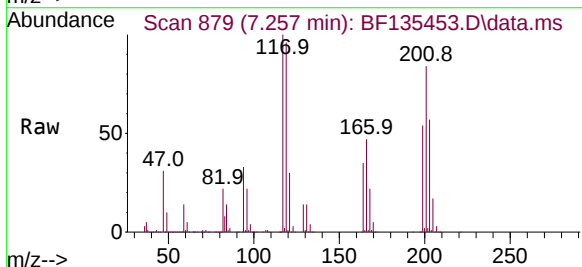
Instrument :
BNA_F
ClientSampleId :
TP-AMSD

Tgt Ion:107 Resp: 449411
Ion Ratio Lower Upper
107 100
108 116.8 92.0 138.0
77 51.5 36.7 55.1
79 49.7 36.3 54.5



#18
Hexachloroethane
Concen: 48.577 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

Tgt Ion:117 Resp: 201794
Ion Ratio Lower Upper
117 100
119 96.0 74.7 112.1
201 84.0 81.8 122.8

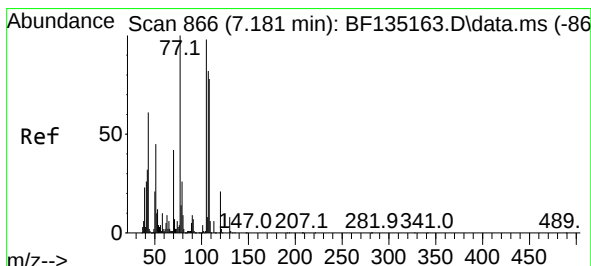
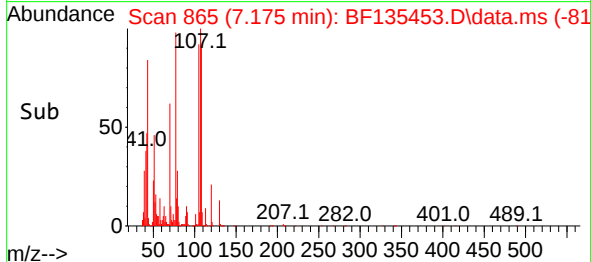
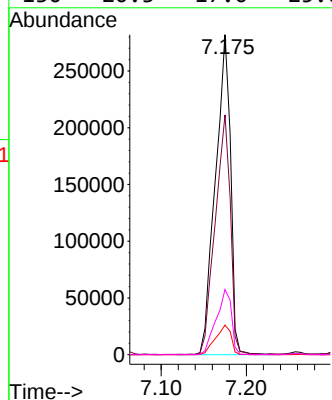
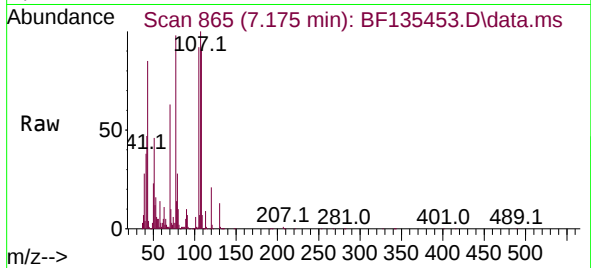




#19
n-Nitroso-di-n-propylamine
Concen: 43.450 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

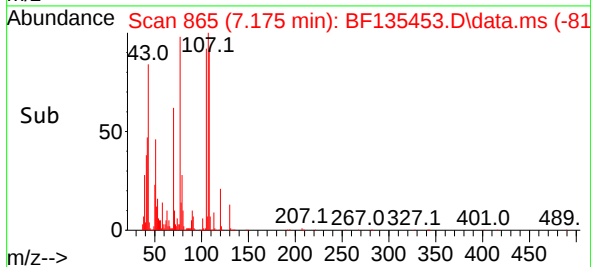
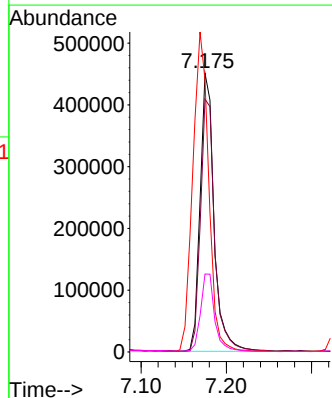
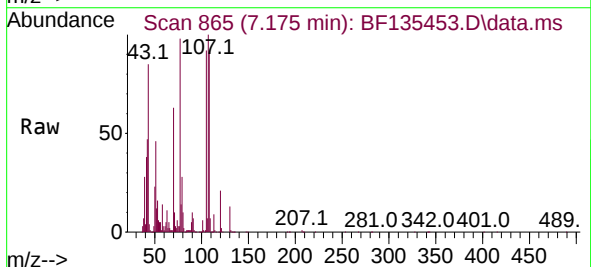
Instrument :
BNA_F
ClientSampleId :
TP-AMSD

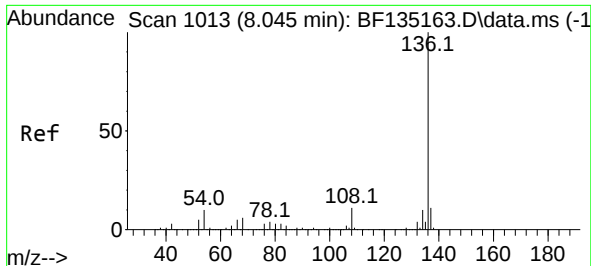
Tgt Ion: 70 Resp: 348571
Ion Ratio Lower Upper
70 100
42 74.9 55.4 83.0
101 9.3 7.7 11.5
130 20.3 17.0 25.6



#20
3+4-Methylphenols
Concen: 44.367 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

Tgt Ion: 107 Resp: 511910
Ion Ratio Lower Upper
107 100
108 90.8 74.7 114.7
77 97.7 102.0 142.0#
79 27.9 11.7 51.7

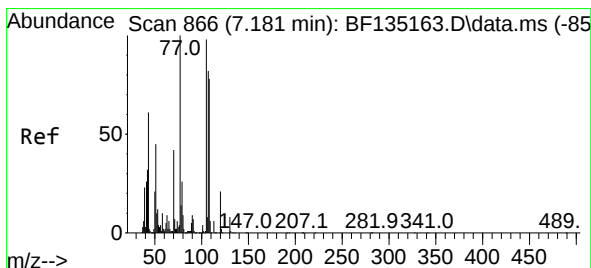
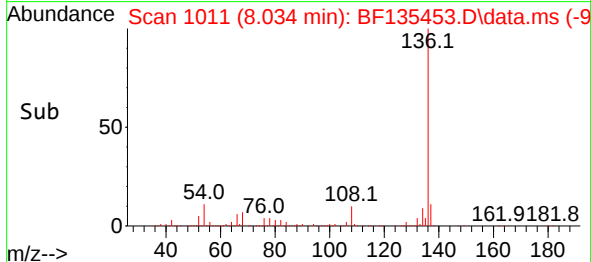
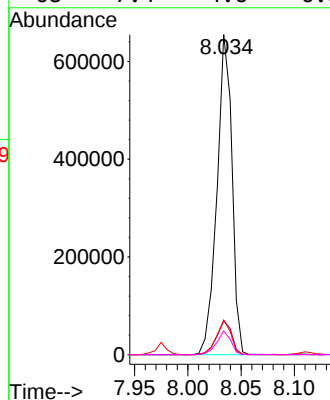
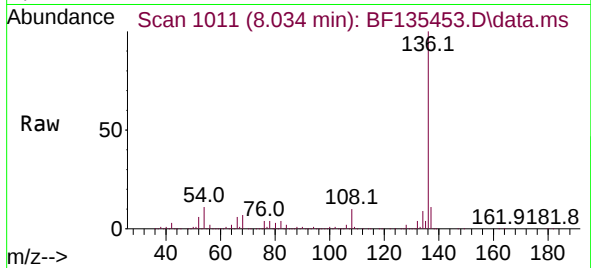




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

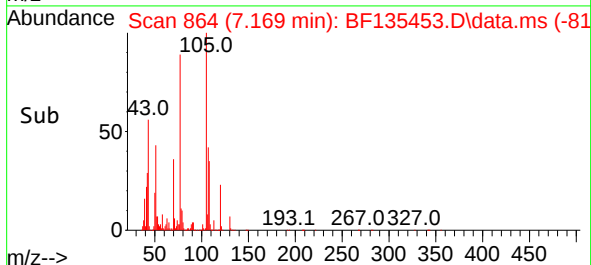
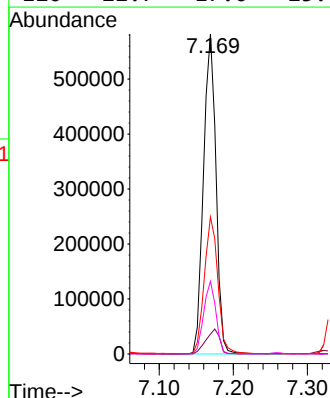
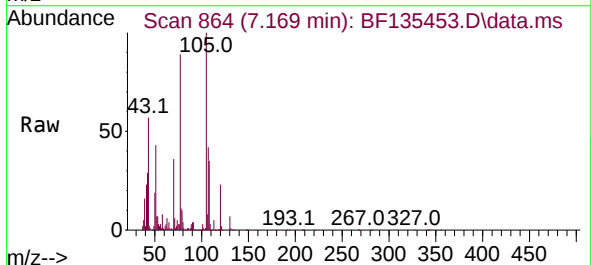
Instrument :
BNA_F
ClientSampleId :
TP-AMSD

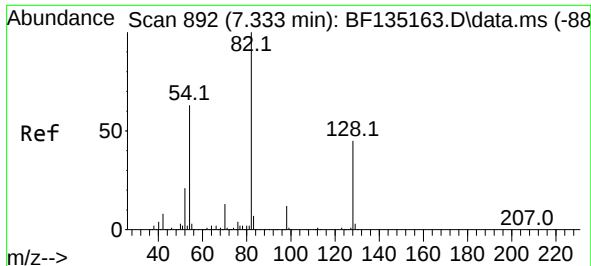
Tgt Ion:136	Resp: 639951
Ion Ratio	Lower Upper
136	100
137	10.6 8.8 13.2
54	10.8 7.7 11.5
68	7.4 4.6 6.8



#22
Acetophenone
Concen: 46.803 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

Tgt Ion:105	Resp: 684764
Ion Ratio	Lower Upper
105	100
71	6.2 5.8 8.6
51	42.8 37.0 55.4
120	22.7 17.0 25.6





#23

Nitrobenzene-d5

Concen: 85.008 ng

RT: 7.322 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

Instrument :

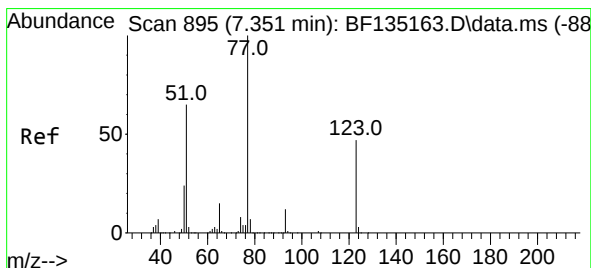
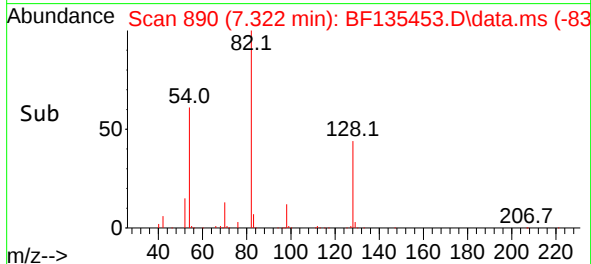
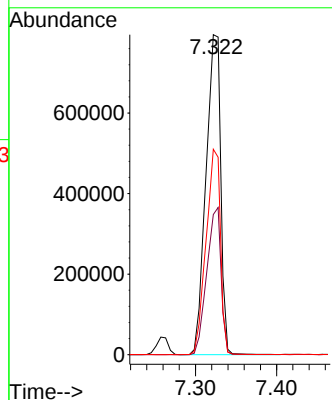
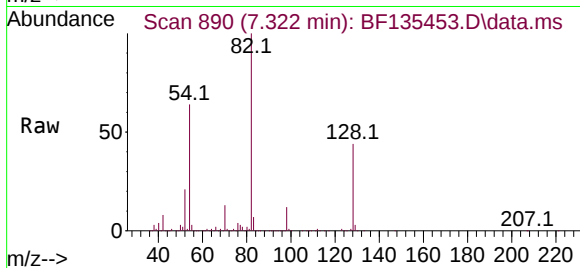
BNA_F

ClientSampleId :

TP-AMSD

Tgt Ion: 82 Resp: 1001319

Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.8	53.6
54	64.2	50.6	76.0



#24

Nitrobenzene

Concen: 49.260 ng

RT: 7.345 min Scan# 894

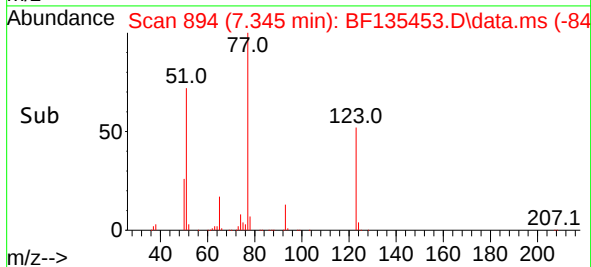
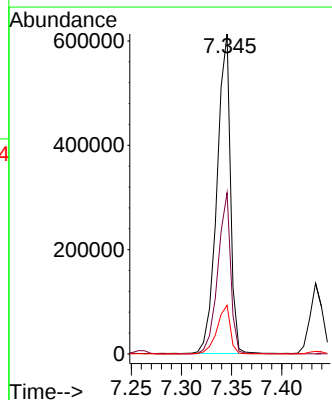
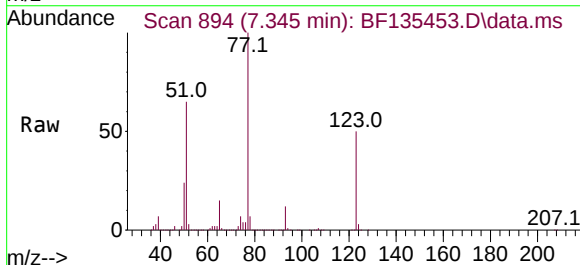
Delta R.T. 0.006 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

Tgt Ion: 77 Resp: 573509

Ion	Ratio	Lower	Upper
77	100		
123	50.4	37.6	56.4
65	15.2	12.2	18.4

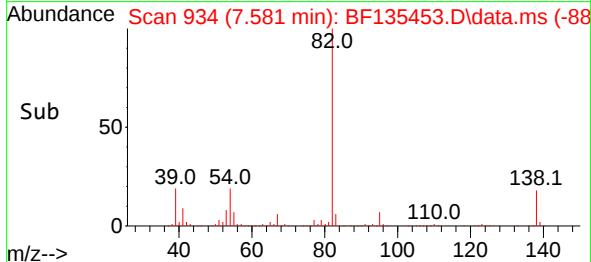
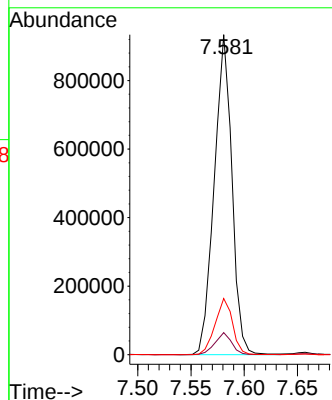
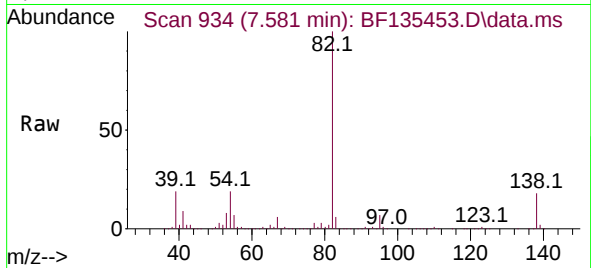




#25
Isophorone
Concen: 49.634 ng
RT: 7.581 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

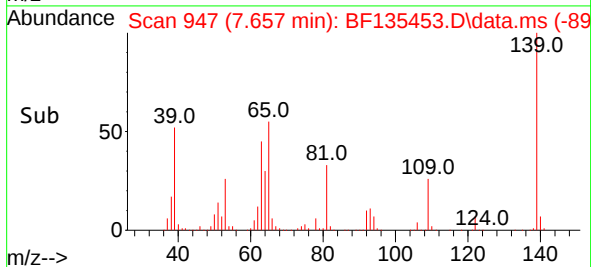
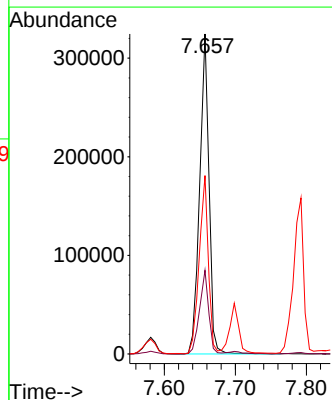
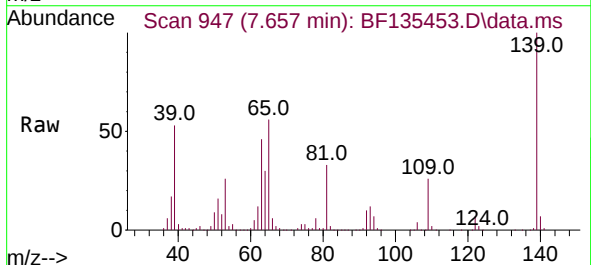
Instrument :
BNA_F
ClientSampleId :
TP-AMSD

Tgt Ion: 82 Resp: 1073569
Ion Ratio Lower Upper
82 100
95 6.9 6.0 9.0
138 17.6 14.5 21.7



#26
2-Nitrophenol
Concen: 53.558 ng
RT: 7.657 min Scan# 947
Delta R.T. 0.000 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

Tgt Ion:139 Resp: 299268
Ion Ratio Lower Upper
139 100
109 26.1 22.6 33.8
65 55.7 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 47.025 ng

RT: 7.698 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

Instrument :

BNA_F

ClientSampleId :

TP-AMSD

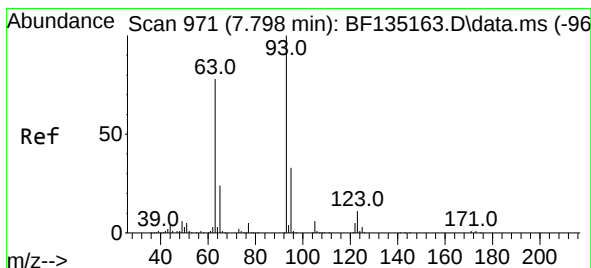
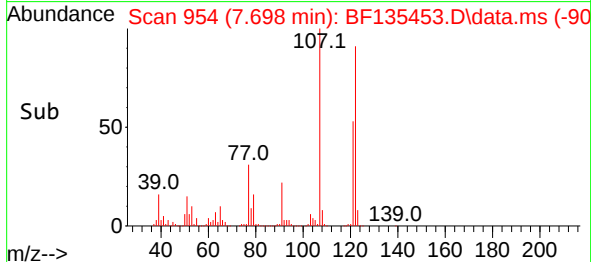
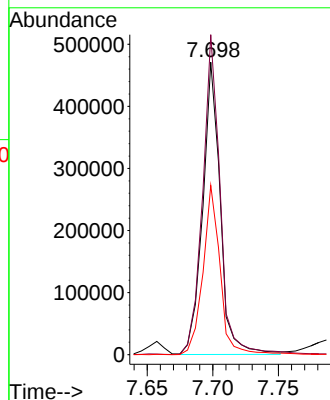
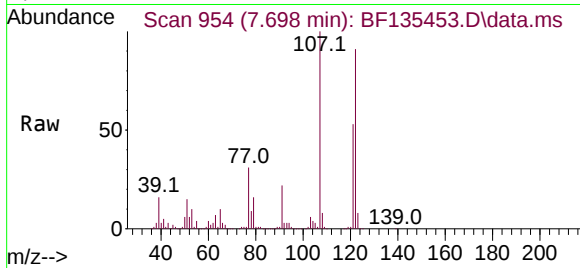
Tgt Ion:122 Resp: 441678

Ion Ratio Lower Upper

122 100

107 109.4 90.2 135.4

121 57.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 51.606 ng

RT: 7.793 min Scan# 970

Delta R.T. 0.006 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

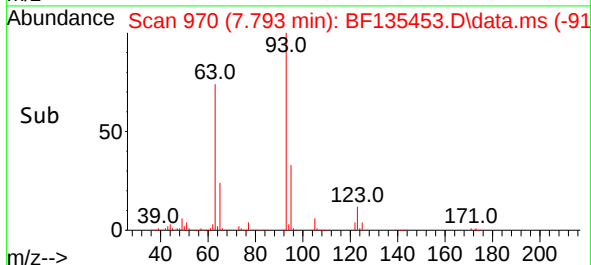
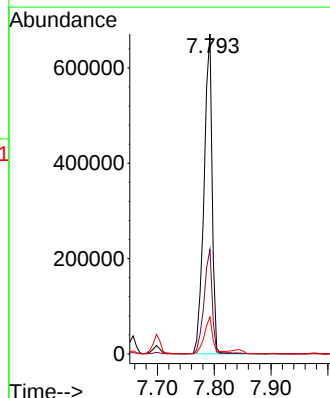
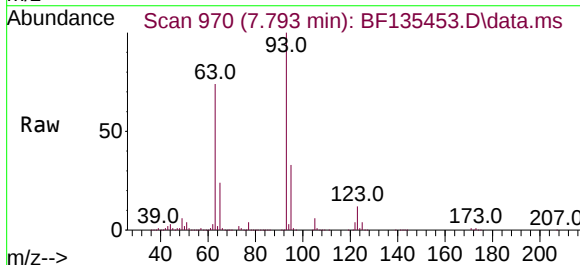
Tgt Ion: 93 Resp: 668084

Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 11.6 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 49.649 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.006 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

Instrument :

BNA_F

ClientSampleId :

TP-AMSD

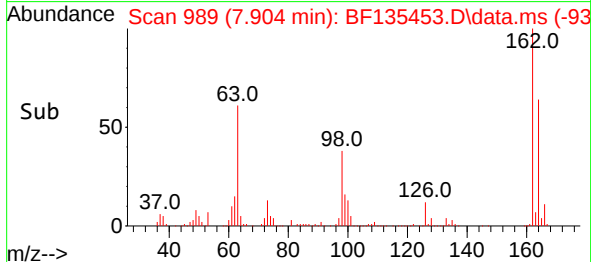
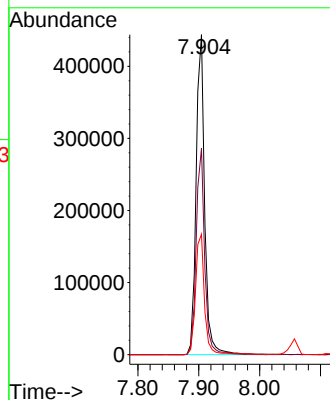
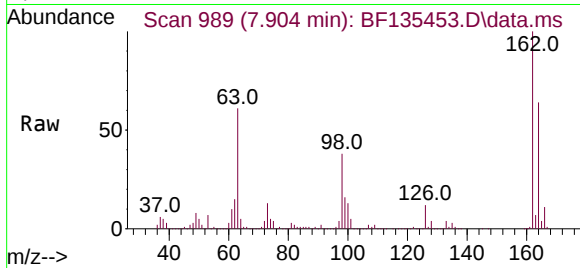
Tgt Ion:162 Resp: 432101

Ion Ratio Lower Upper

162 100

164 64.5 44.1 84.1

98 37.6 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 48.582 ng

RT: 7.975 min Scan# 1001

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

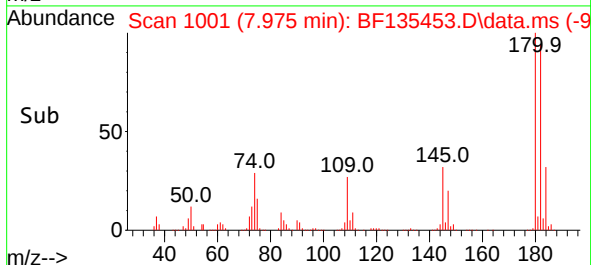
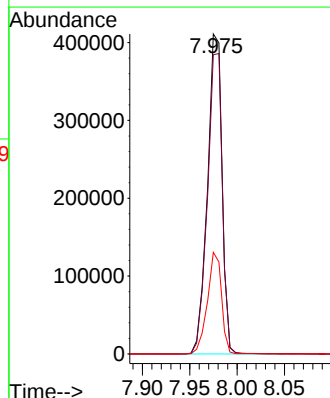
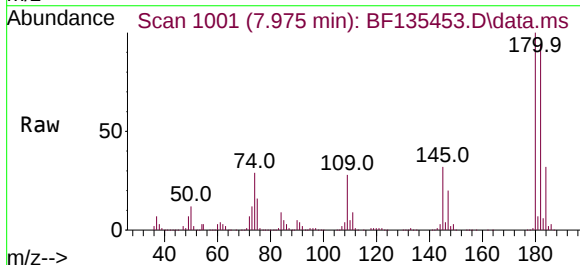
Tgt Ion:180 Resp: 441935

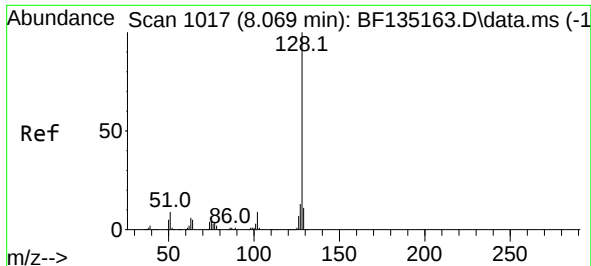
Ion Ratio Lower Upper

180 100

182 93.5 76.9 115.3

145 31.7 24.5 36.7

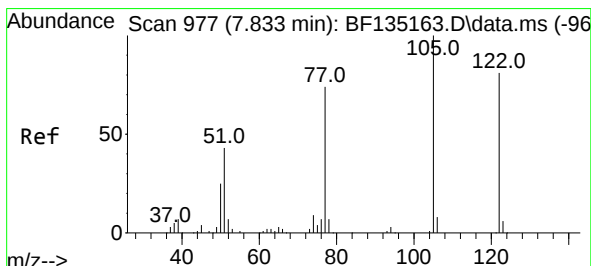
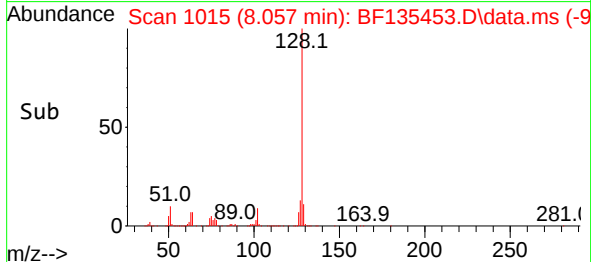
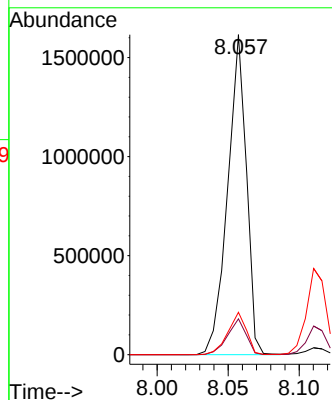
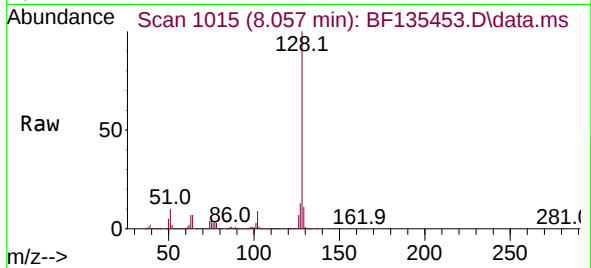




#31
Naphthalene
Concen: 47.716 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

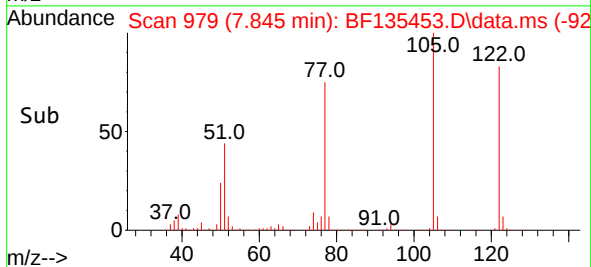
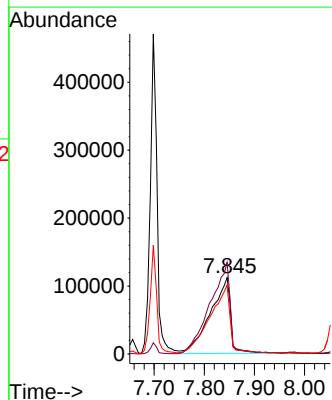
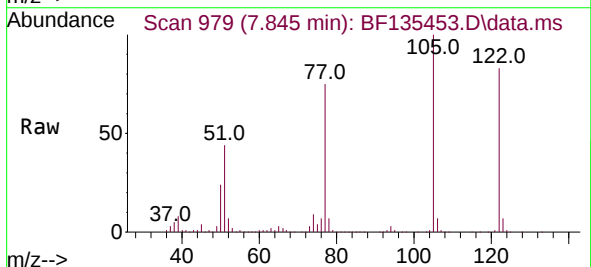
Instrument :
BNA_F
ClientSampleId :
TP-AMSD

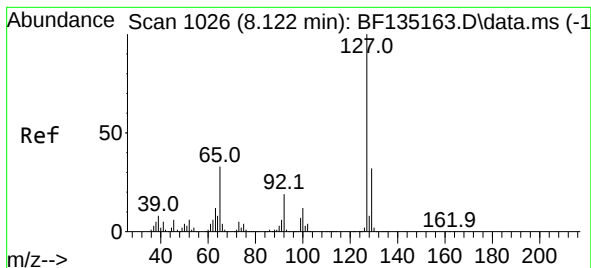
Tgt Ion:128 Resp: 1483657
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 44.604 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.018 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

Tgt Ion:122 Resp: 315463
Ion Ratio Lower Upper
122 100
105 119.8 99.9 139.9
77 90.0 70.0 110.0





#33

4-Chloroaniline

Concen: 32.897 ng

RT: 8.110 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

Instrument :

BNA_F

ClientSampleId :

TP-AMSD

Tgt Ion:127 Resp: 448777

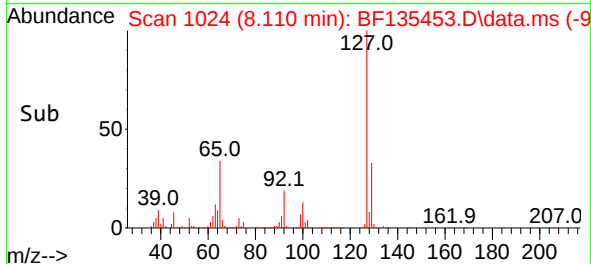
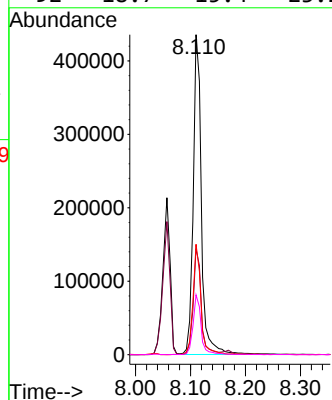
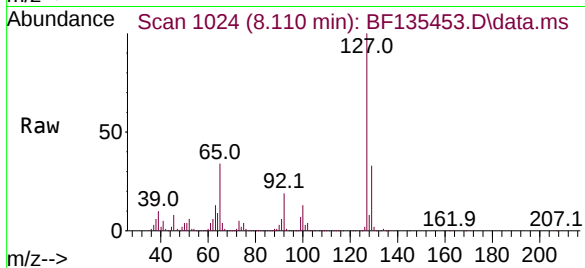
Ion Ratio Lower Upper

127 100

129 33.2 25.8 38.8

65 34.5 26.6 39.8

92 18.7 15.4 23.2



#34

Hexachlorobutadiene

Concen: 44.537 ng

RT: 8.169 min Scan# 1034

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

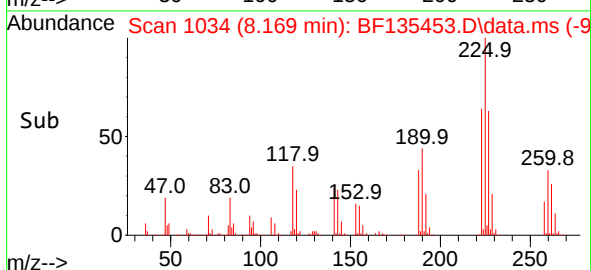
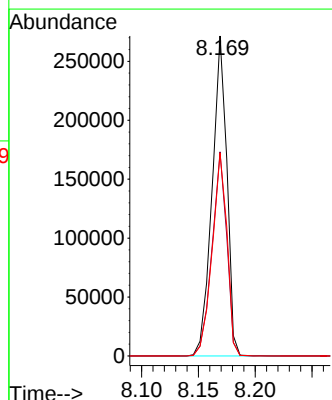
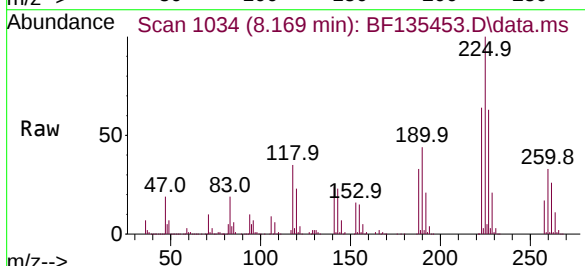
Tgt Ion:225 Resp: 244292

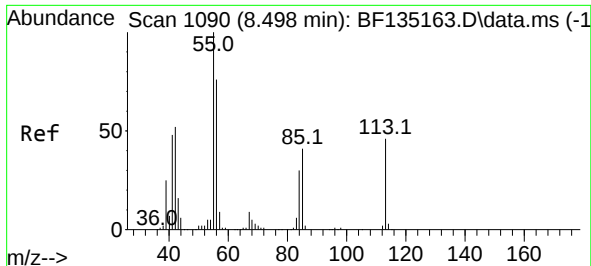
Ion Ratio Lower Upper

225 100

223 63.8 50.6 75.8

227 63.4 50.8 76.2

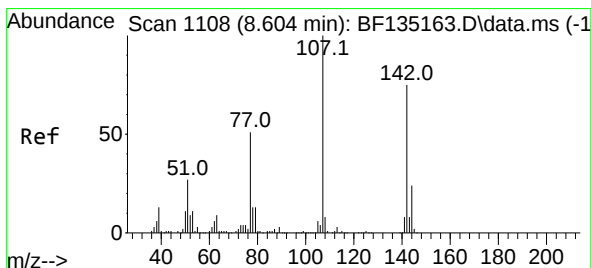
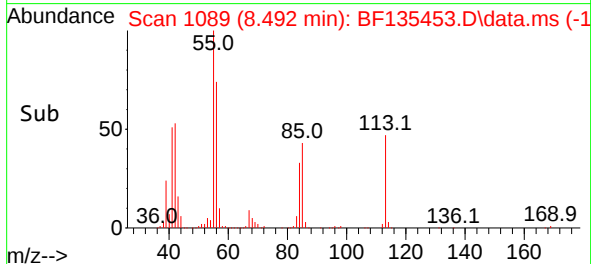
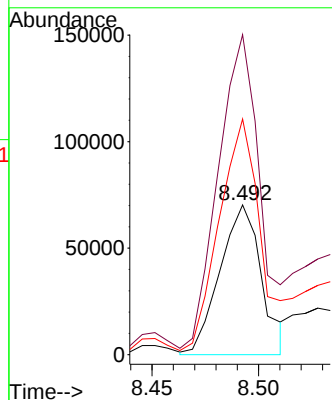
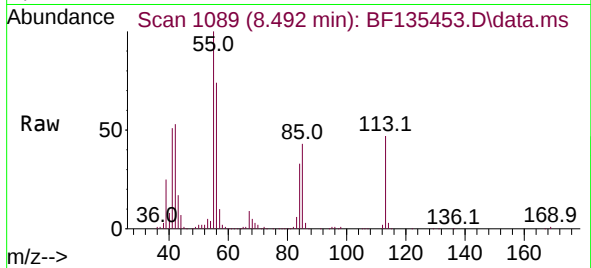




#35
 Caprolactam
 Concen: 32.593 ng
 RT: 8.492 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: BF135453.D
 Acq: 26 Sep 2023 15:23

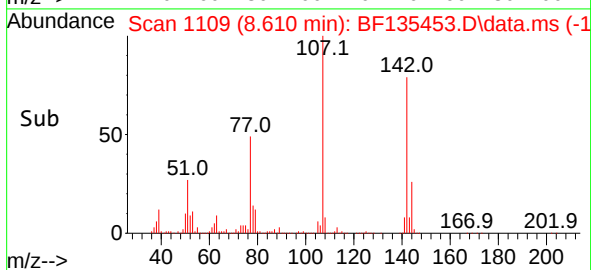
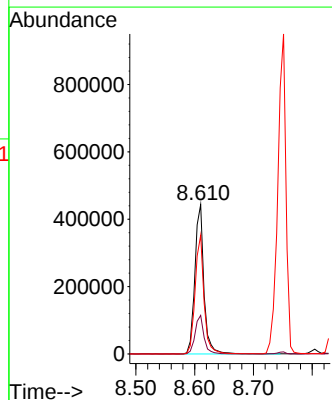
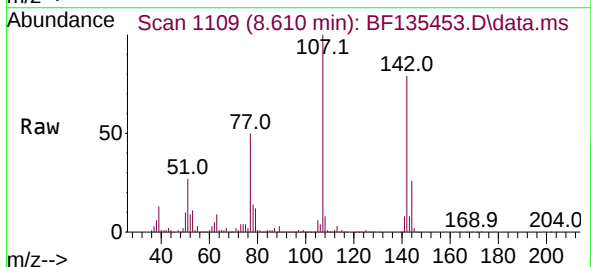
Instrument :
 BNA_F
 ClientSampleId :
 TP-AMSD

Tgt Ion:113 Resp: 95200
 Ion Ratio Lower Upper
 113 100
 55 213.6 199.3 239.3
 56 157.3 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 48.961 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135453.D
 Acq: 26 Sep 2023 15:23

Tgt Ion:107 Resp: 473589
 Ion Ratio Lower Upper
 107 100
 144 25.8 19.0 28.4
 142 79.5 60.2 90.2





#37

2-Methylnaphthalene

Concen: 44.086 ng

RT: 8.751 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

Instrument :

BNA_F

ClientSampleId :

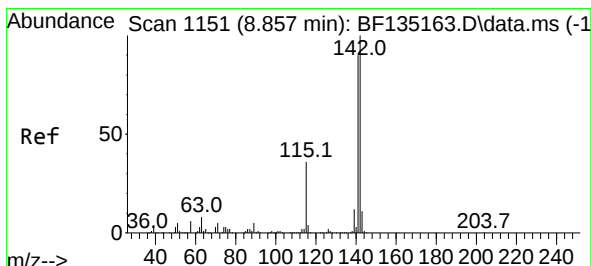
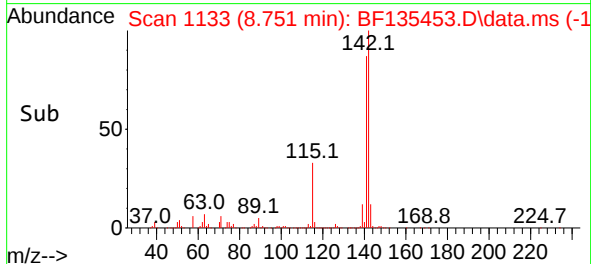
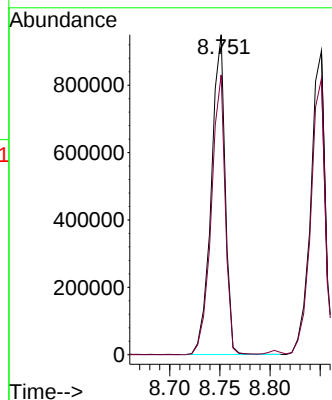
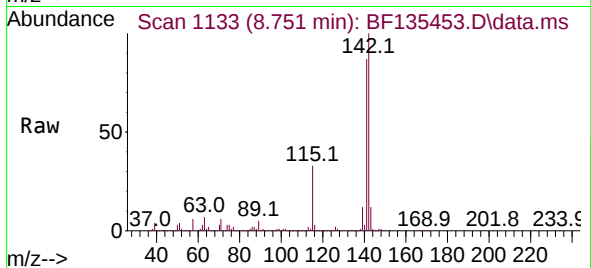
TP-AMSD

Tgt Ion:142 Resp: 921434

Ion Ratio Lower Upper

142 100

141 87.4 71.0 106.6



#38

1-Methylnaphthalene

Concen: 45.339 ng

RT: 8.851 min Scan# 1150

Delta R.T. 0.006 min

Lab File: BF135453.D

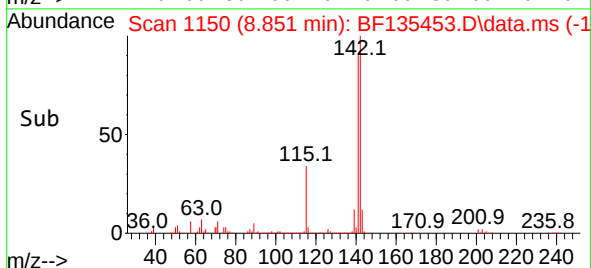
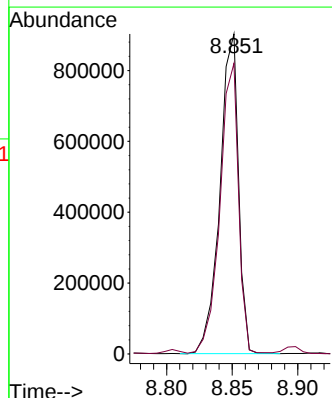
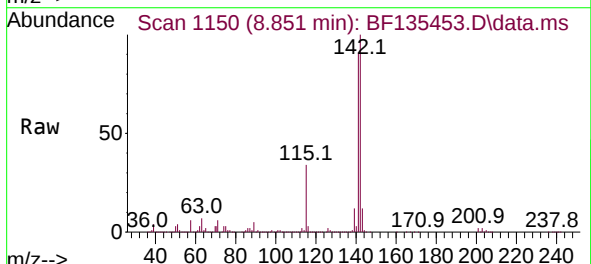
Acq: 26 Sep 2023 15:23

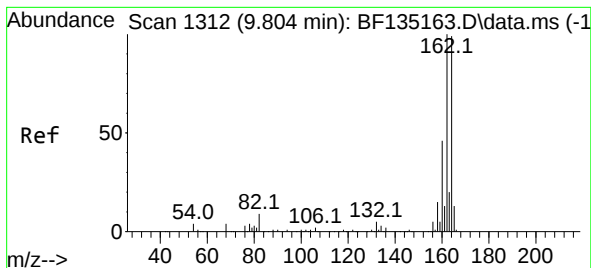
Tgt Ion:142 Resp: 887205

Ion Ratio Lower Upper

142 100

141 90.8 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

Instrument :

BNA_F

ClientSampleId :

TP-AMSD

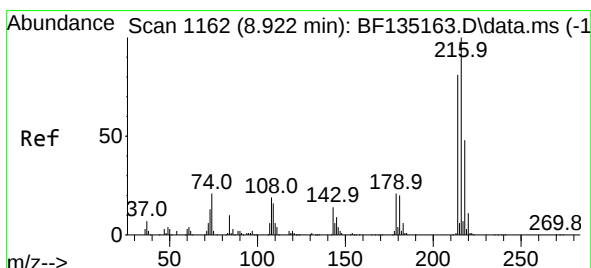
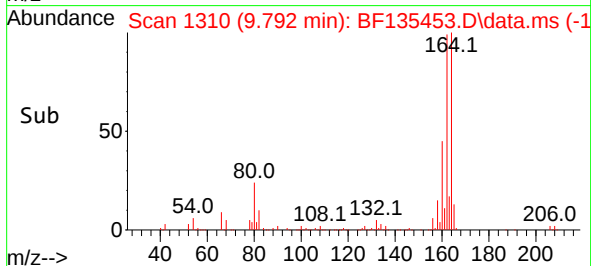
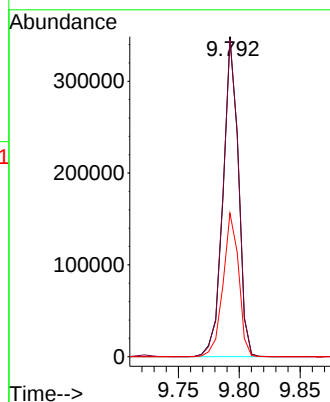
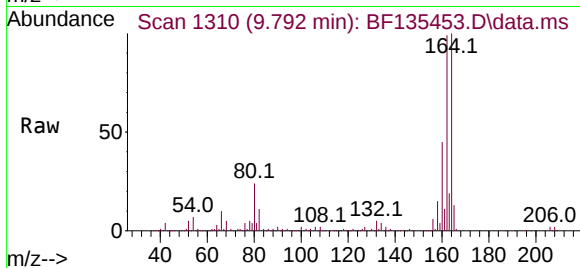
Tgt Ion:164 Resp: 304589

Ion Ratio Lower Upper

164 100

162 99.1 81.0 121.4

160 44.9 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.601 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

Tgt Ion:216 Resp: 428864

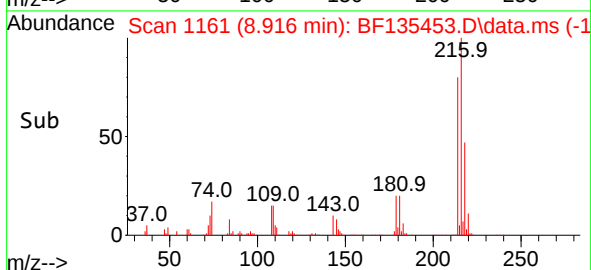
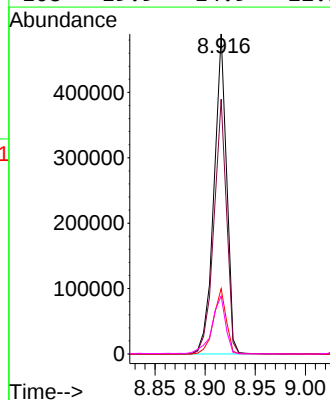
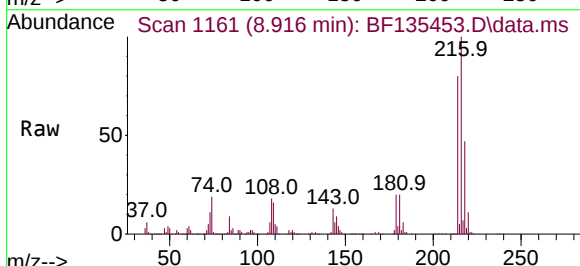
Ion Ratio Lower Upper

216 100

214 79.8 63.7 95.5

179 20.4 16.7 25.1

108 19.9 14.9 22.3

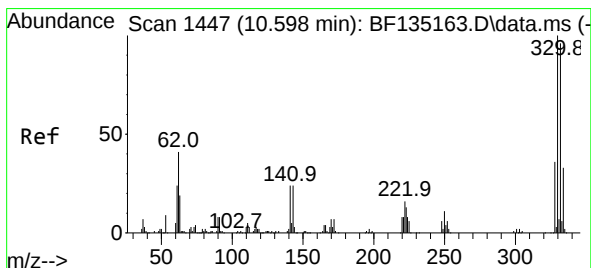
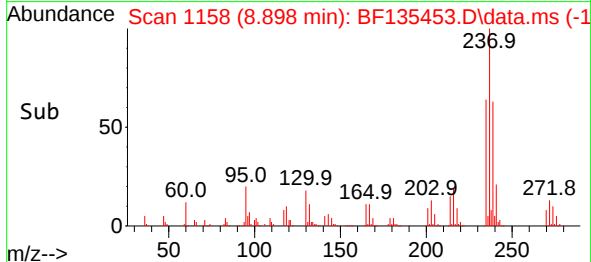
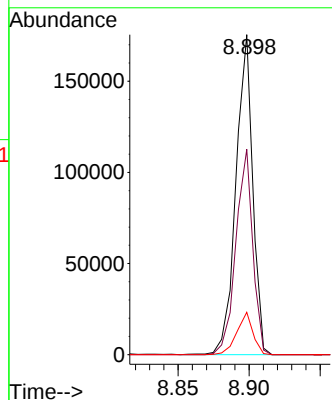
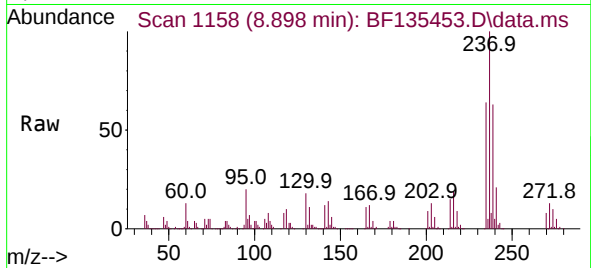




#41
Hexachlorocyclopentadiene
Concen: 41.181 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

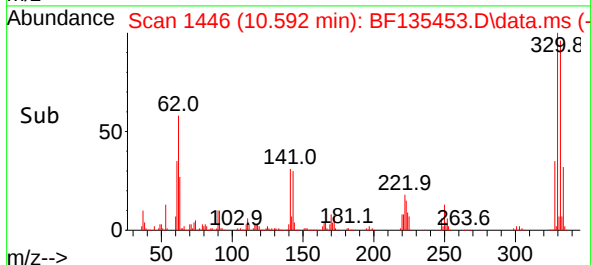
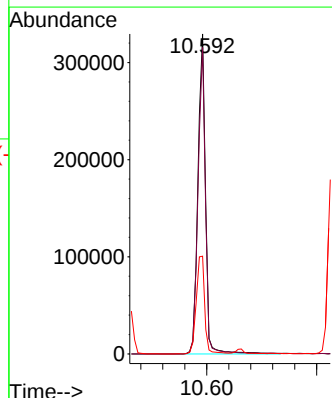
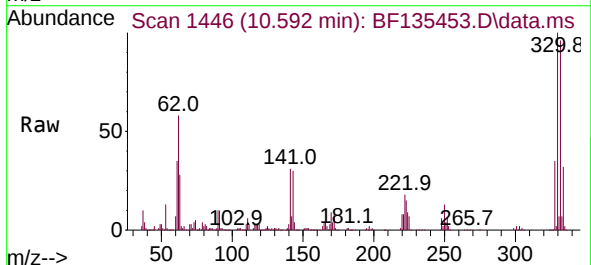
Instrument :
BNA_F
ClientSampleId :
TP-AMSD

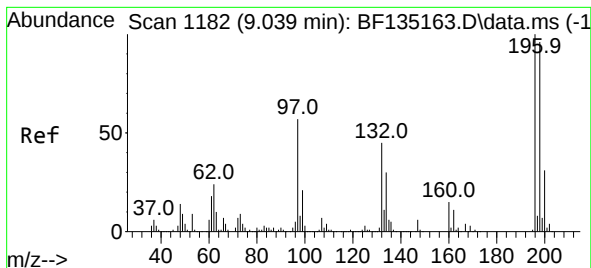
Tgt Ion:237 Resp: 144772
Ion Ratio Lower Upper
237 100
235 64.2 41.8 81.8
272 13.2 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 104.133 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

Tgt Ion:330 Resp: 315197
Ion Ratio Lower Upper
330 100
332 94.1 77.3 115.9
141 34.1 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 50.235 ng

RT: 9.034 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

Instrument :

BNA_F

ClientSampleId :

TP-AMSD

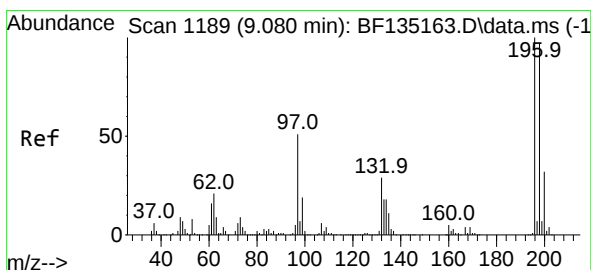
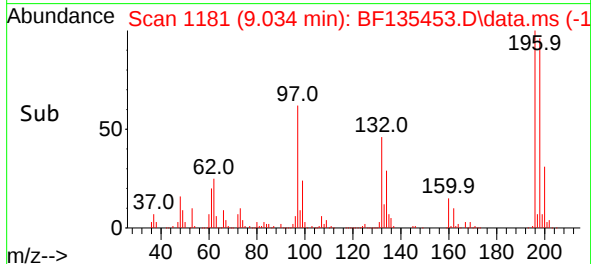
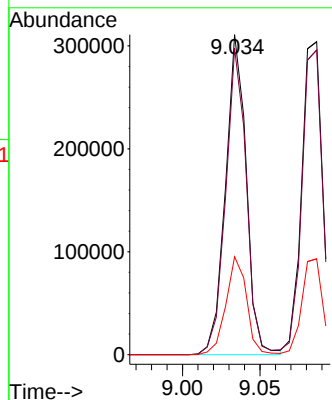
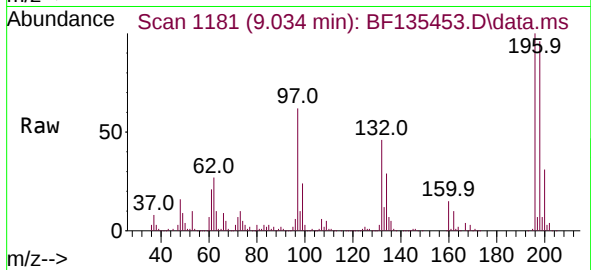
Tgt Ion:196 Resp: 290235

Ion Ratio Lower Upper

196 100

198 95.7 77.0 115.6

200 30.6 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 46.507 ng

RT: 9.087 min Scan# 1190

Delta R.T. 0.012 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

Tgt Ion:196 Resp: 309434

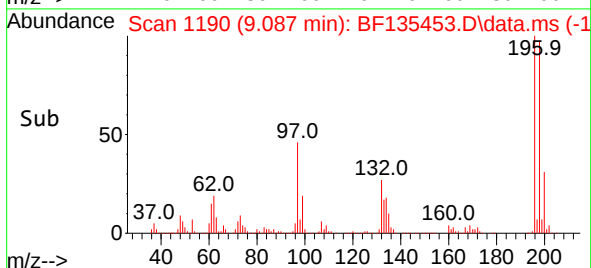
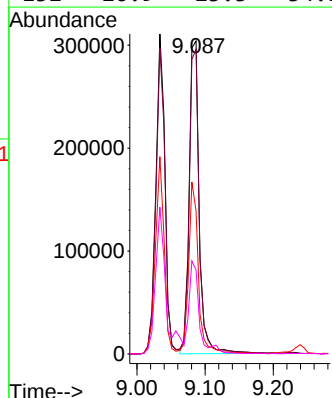
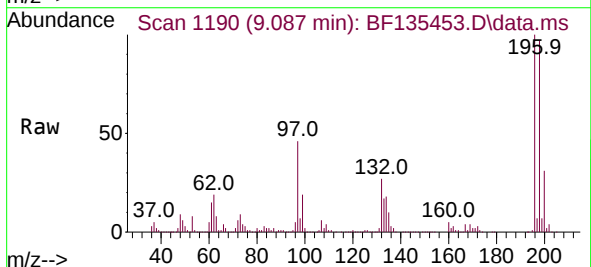
Ion Ratio Lower Upper

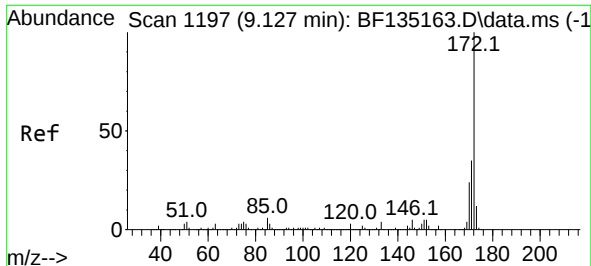
196 100

198 97.3 77.5 116.3

97 45.7 40.5 60.7

132 26.9 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 77.783 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

Instrument :

BNA_F

ClientSampleId :

TP-AMSD

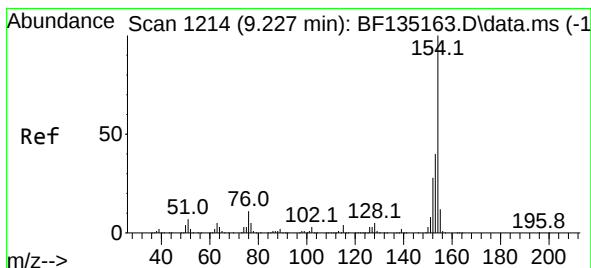
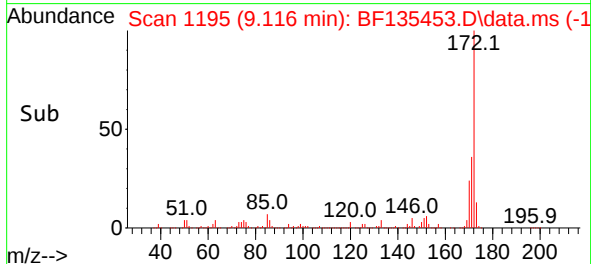
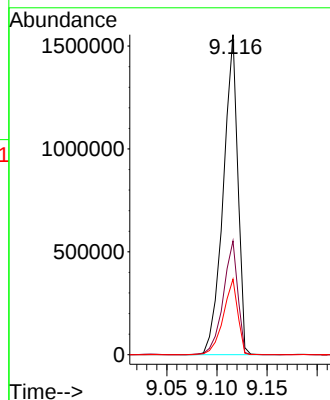
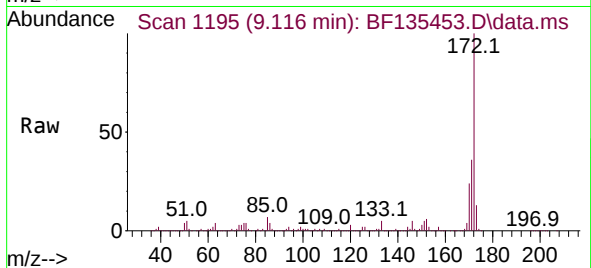
Tgt Ion:172 Resp: 1570319

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.6 19.0 28.4



#46

1,1'-Biphenyl

Concen: 48.788 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

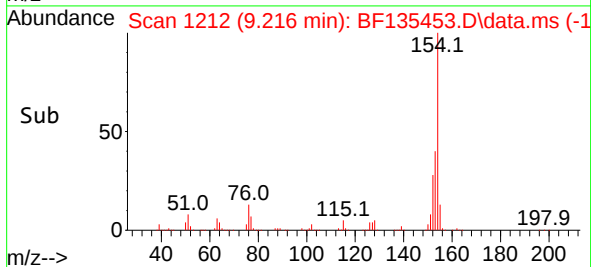
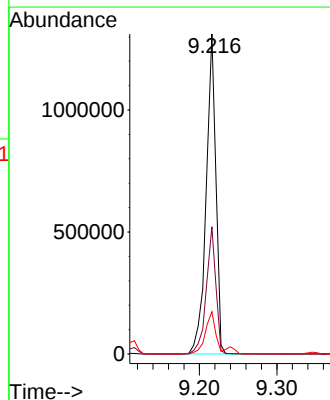
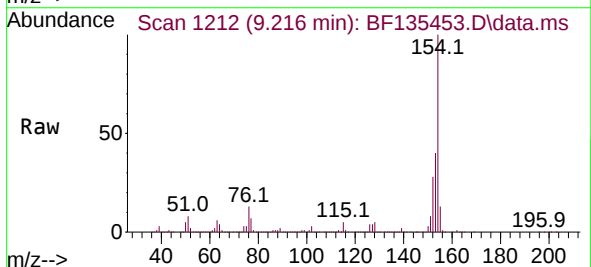
Tgt Ion:154 Resp: 1142000

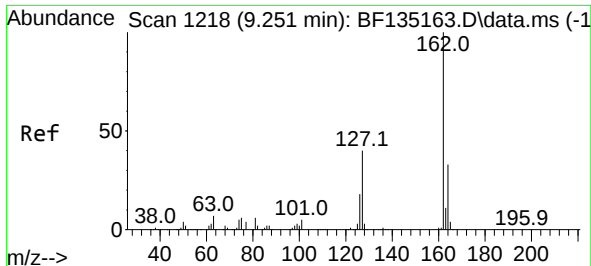
Ion Ratio Lower Upper

154 100

153 39.8 19.6 59.6

76 13.2 0.0 31.0





#47

2-Chloronaphthalene

Concen: 47.278 ng

RT: 9.239 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

Instrument :

BNA_F

ClientSampleId :

TP-AMSD

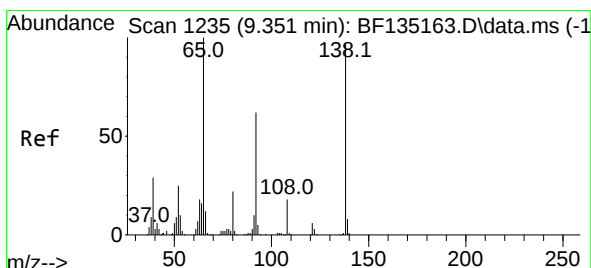
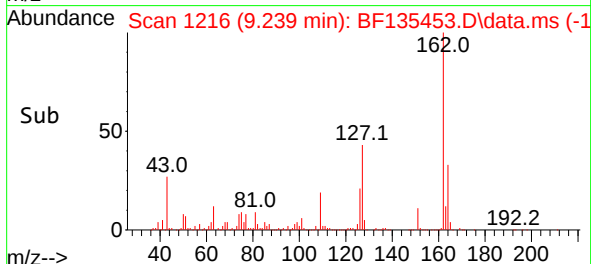
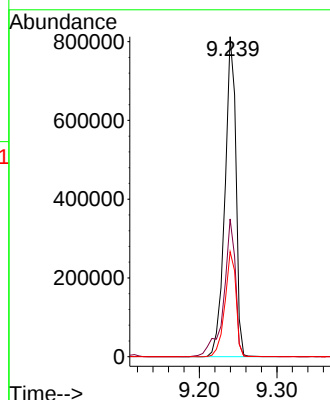
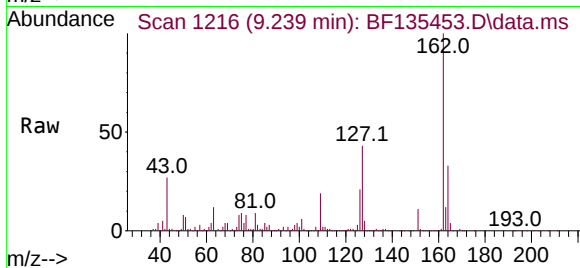
Tgt Ion:162 Resp: 802933

Ion Ratio Lower Upper

162 100

127 43.1 32.6 48.8

164 32.8 26.2 39.2



#48

2-Nitroaniline

Concen: 52.916 ng

RT: 9.345 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

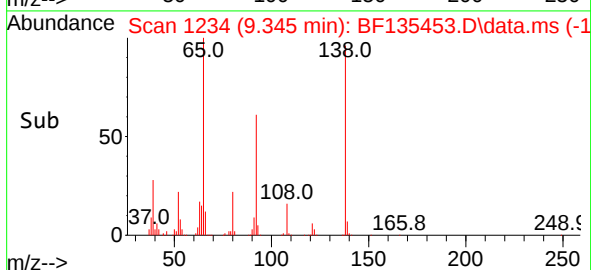
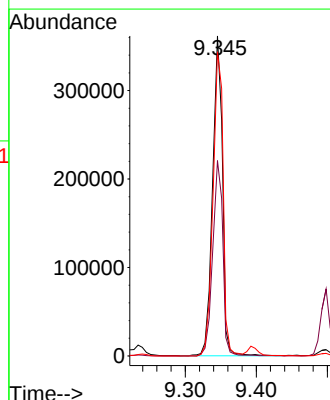
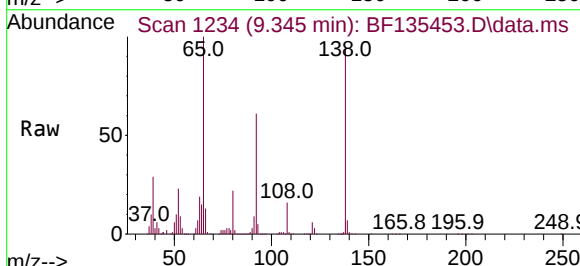
Tgt Ion: 65 Resp: 349138

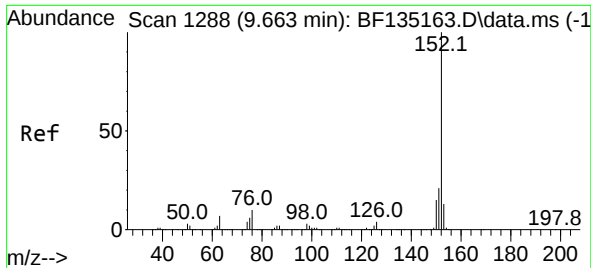
Ion Ratio Lower Upper

65 100

92 61.1 49.4 74.0

138 95.0 77.4 116.0





#49

Acenaphthylene

Concen: 48.423 ng

RT: 9.657 min Scan# 1287

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

Instrument :

BNA_F

ClientSampleId :

TP-AMSD

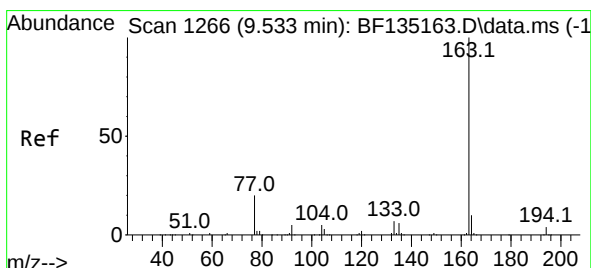
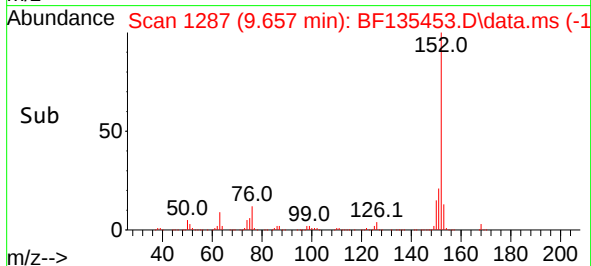
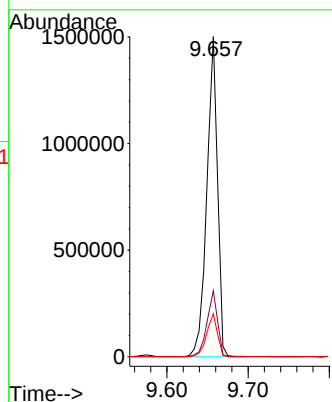
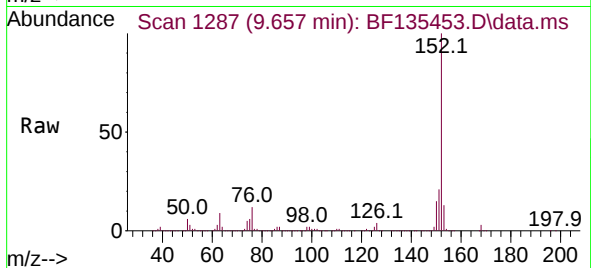
Tgt Ion:152 Resp: 1366733

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

153 13.4 10.4 15.6



#50

Dimethylphthalate

Concen: 48.611 ng

RT: 9.522 min Scan# 1264

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

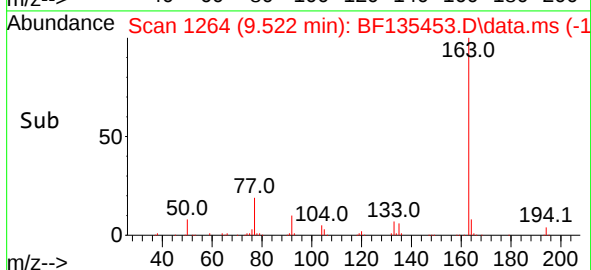
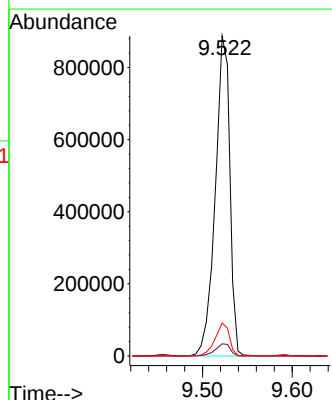
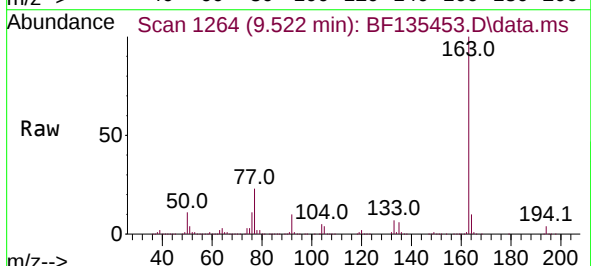
Tgt Ion:163 Resp: 1001059

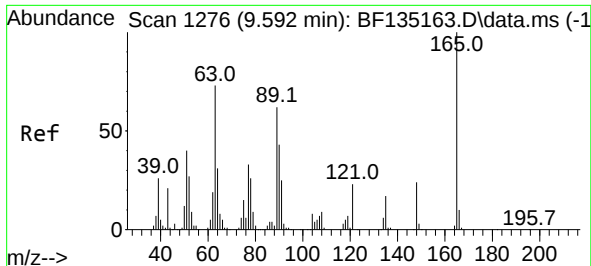
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.3 8.1 12.1

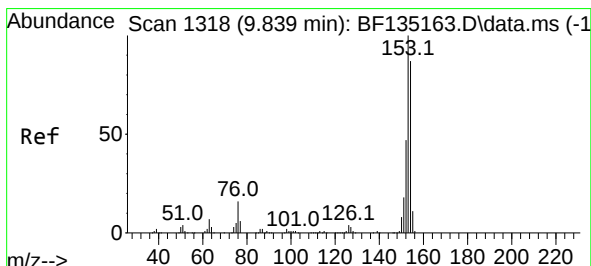
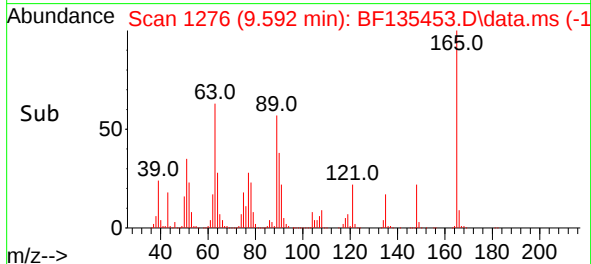
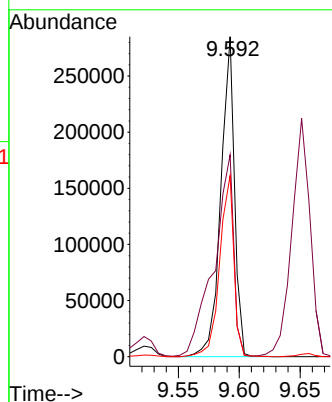
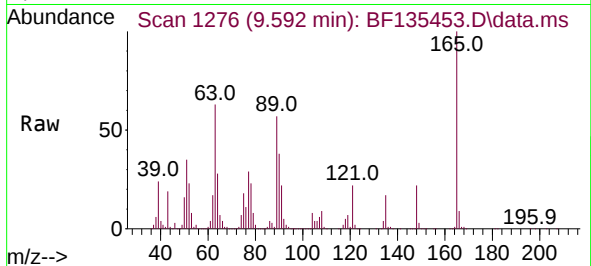




#51
2,6-Dinitrotoluene
Concen: 49.398 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

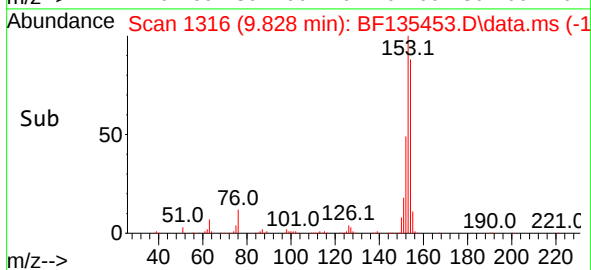
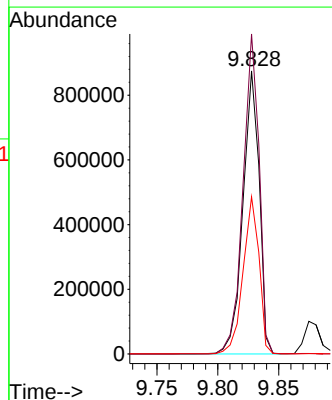
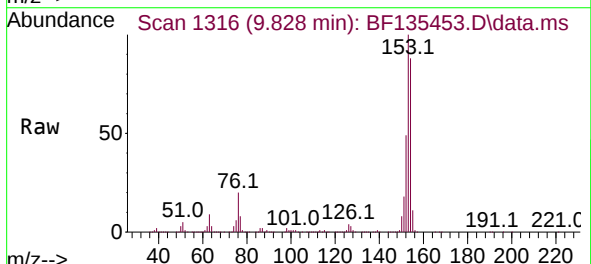
Instrument :
BNA_F
ClientSampleId :
TP-AMSD

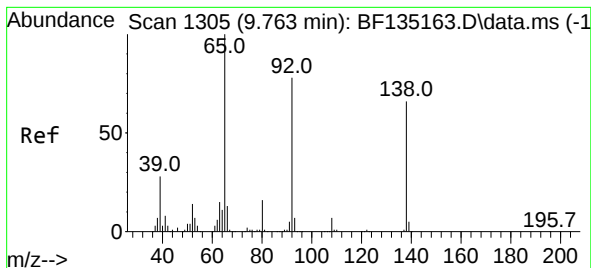
Tgt Ion:165 Resp: 222850
Ion Ratio Lower Upper
165 100
63 63.1 59.4 89.2
89 56.6 49.8 74.8



#52
Acenaphthene
Concen: 48.657 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

Tgt Ion:154 Resp: 811304
Ion Ratio Lower Upper
154 100
153 113.0 92.1 138.1
152 55.5 43.1 64.7





#53

3-Nitroaniline

Concen: 41.369 ng

RT: 9.763 min Scan# 1305

Delta R.T. 0.006 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

Instrument :

BNA_F

ClientSampleId :

TP-AMSD

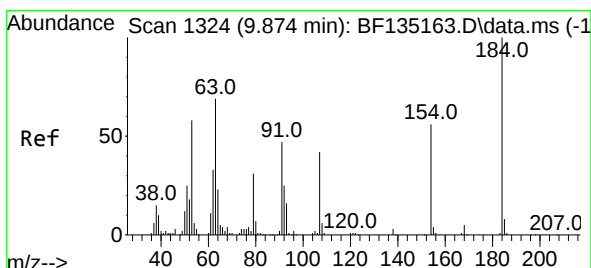
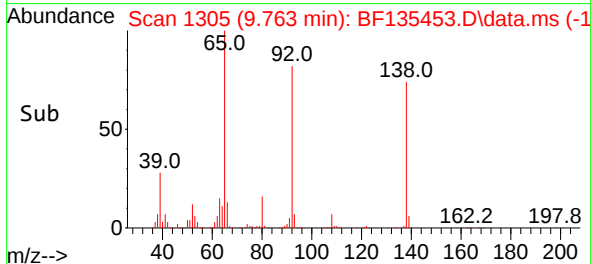
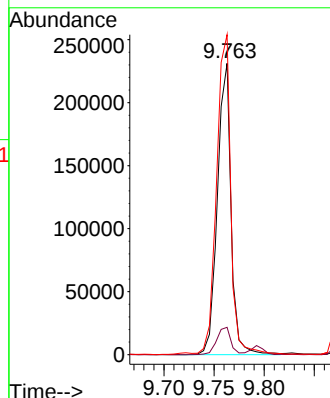
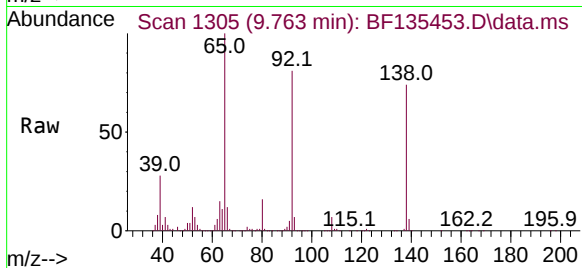
Tgt Ion:138 Resp: 219072

Ion Ratio Lower Upper

138 100

108 9.4 8.5 12.7

92 109.8 95.4 143.0



#54

2,4-Dinitrophenol

Concen: 73.215 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

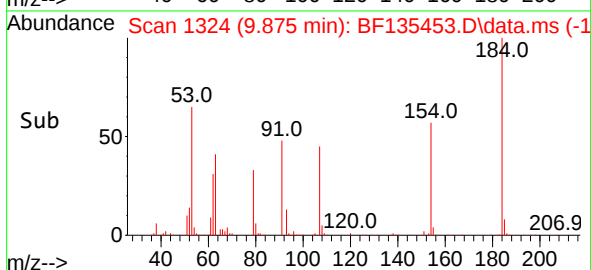
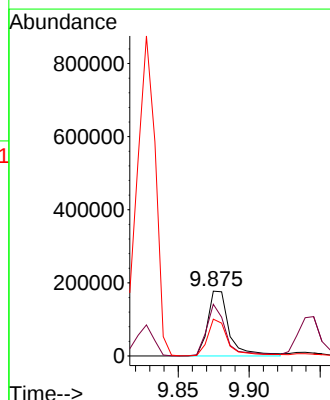
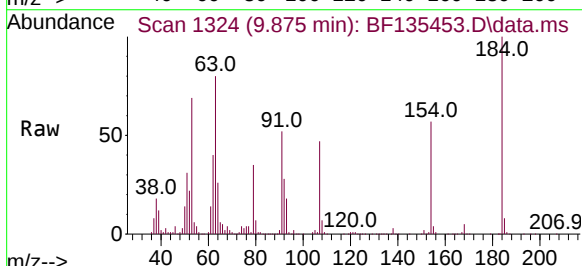
Tgt Ion:184 Resp: 186036

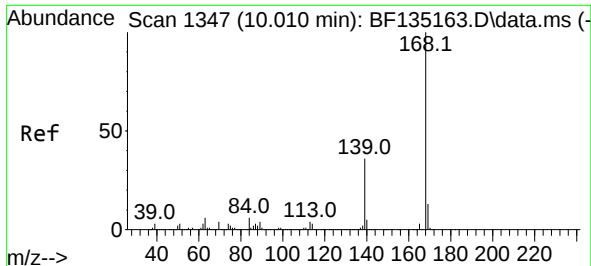
Ion Ratio Lower Upper

184 100

63 79.8 55.1 82.7

154 56.8 48.4 72.6





#55

Dibenzenofuran

Concen: 44.798 ng

RT: 10.004 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

Instrument :

BNA_F

ClientSampleId :

TP-AMSD

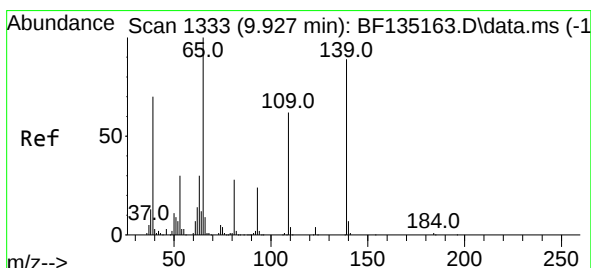
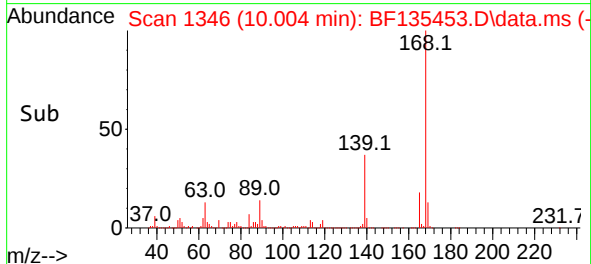
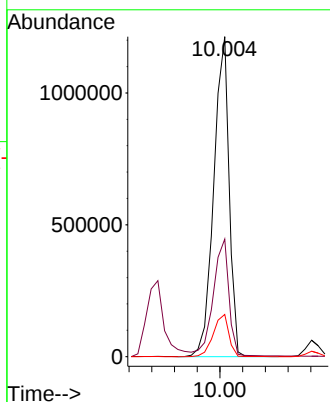
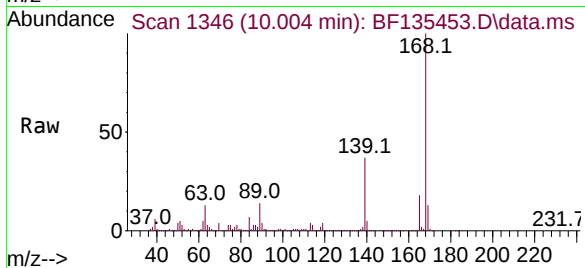
Tgt Ion:168 Resp: 1139842

Ion Ratio Lower Upper

168 100

139 36.8 29.0 43.6

169 13.2 10.4 15.6



#56

4-Nitrophenol

Concen: 92.874 ng

RT: 9.945 min Scan# 1336

Delta R.T. 0.012 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

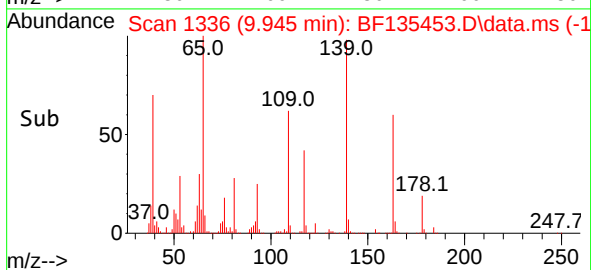
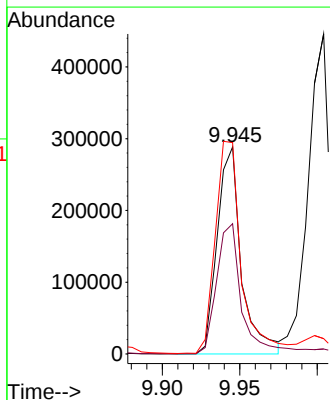
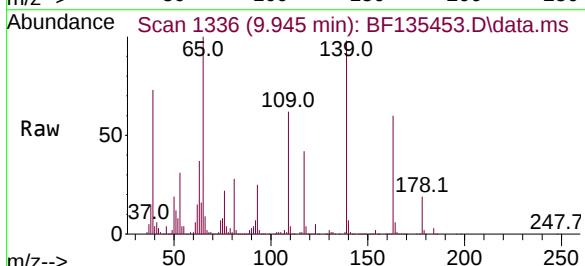
Tgt Ion:139 Resp: 312576

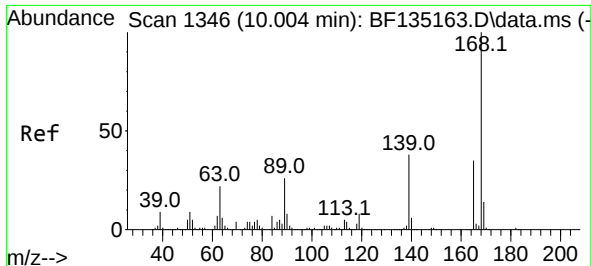
Ion Ratio Lower Upper

139 100

109 62.9 49.8 89.8

65 102.2 92.7 132.7

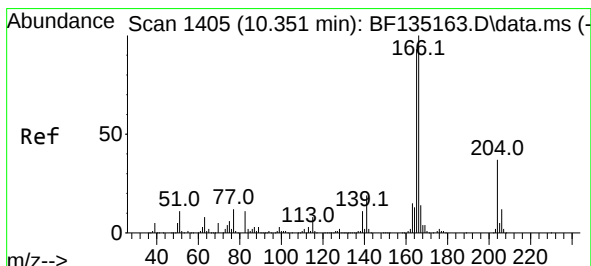
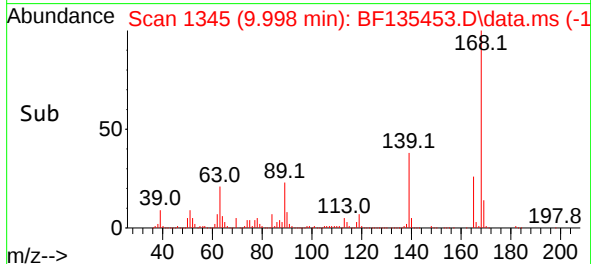
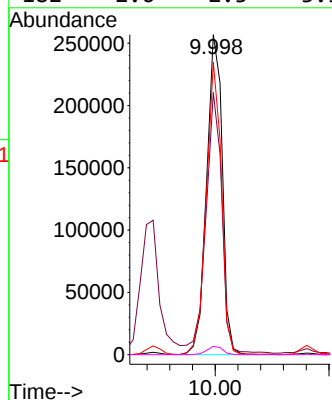
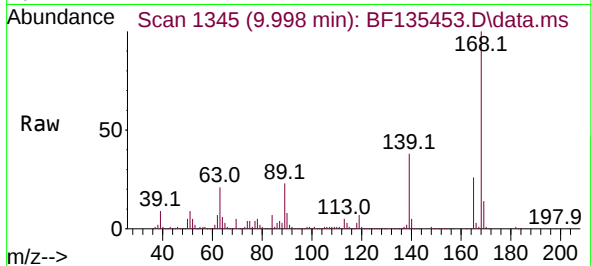




#57
2,4-Dinitrotoluene
Concen: 43.621 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

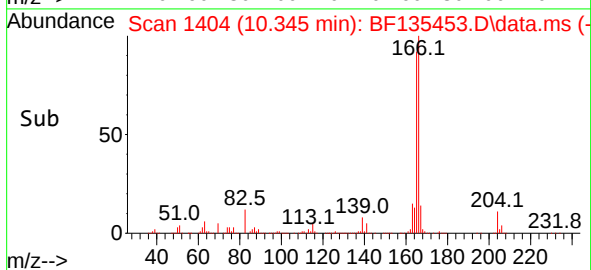
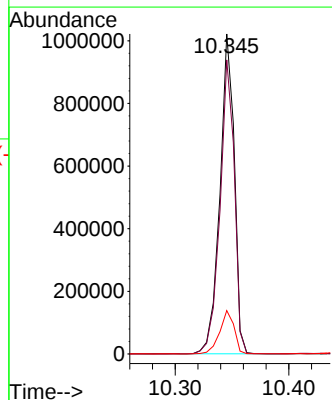
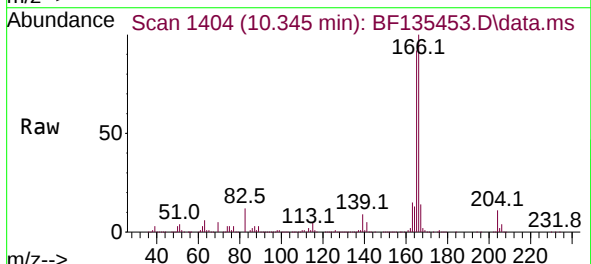
Instrument :
BNA_F
ClientSampleId :
TP-AMSD

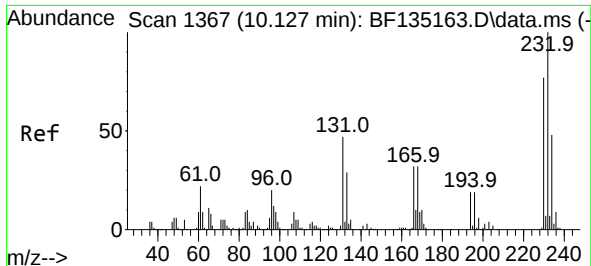
Tgt Ion:165 Resp: 246359
Ion Ratio Lower Upper
165 100
63 81.9 50.1 75.1#
89 91.4 59.3 88.9#
182 2.6 2.3 3.5



#58
Fluorene
Concen: 46.155 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

Tgt Ion:166 Resp: 902805
Ion Ratio Lower Upper
166 100
165 91.9 74.3 111.5
167 13.5 10.9 16.3

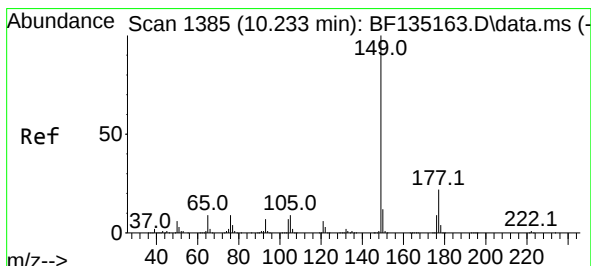
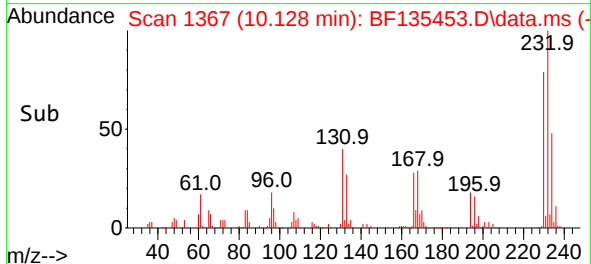
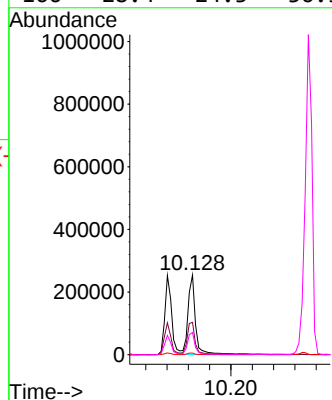
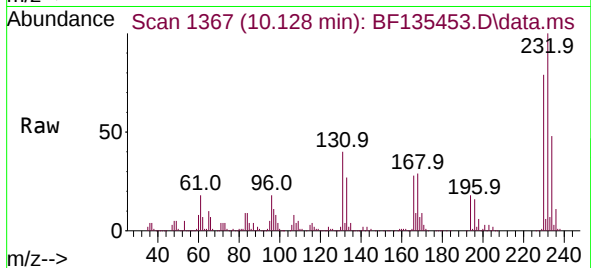




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.390 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

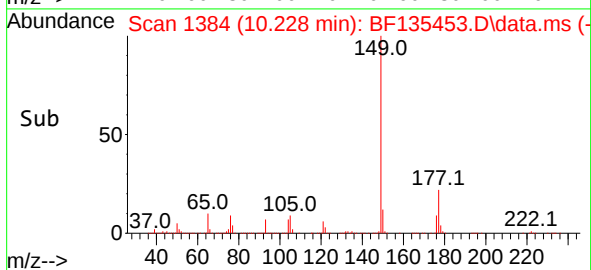
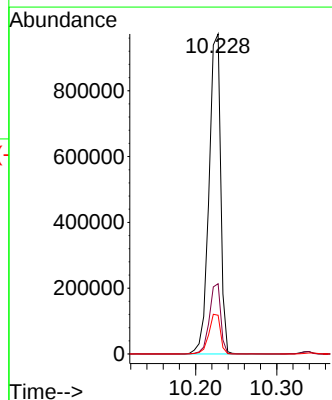
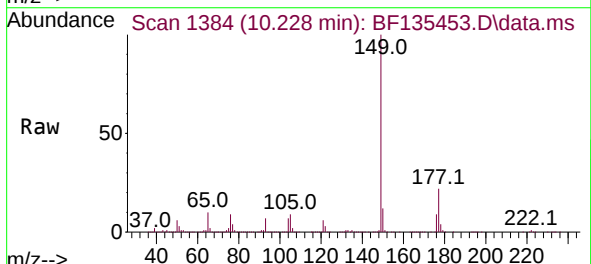
Instrument :
BNA_F
ClientSampleId :
TP-AMSD

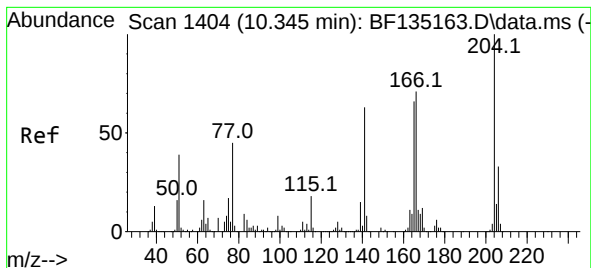
Tgt Ion:232 Resp: 247669
Ion Ratio Lower Upper
232 100
131 42.6 35.4 53.2
130 2.3 1.8 2.8
166 28.4 24.3 36.5



#60
Diethylphthalate
Concen: 46.513 ng
RT: 10.228 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

Tgt Ion:149 Resp: 961296
Ion Ratio Lower Upper
149 100
177 21.9 17.8 26.6
150 12.1 10.0 15.0

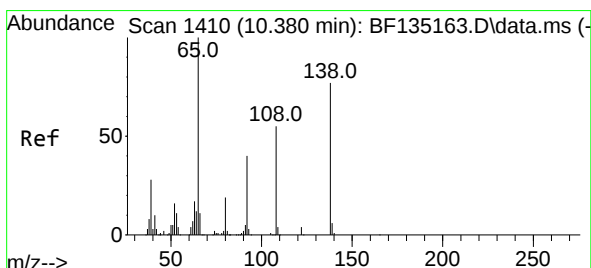
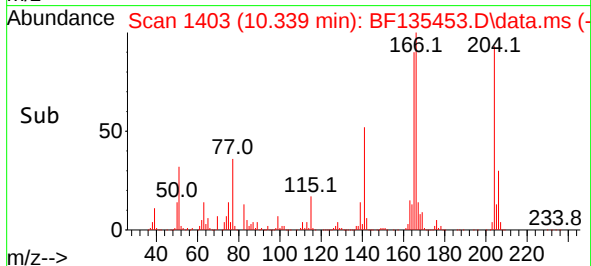
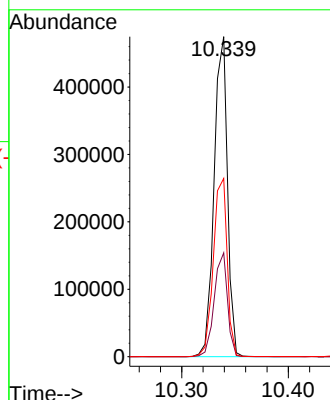
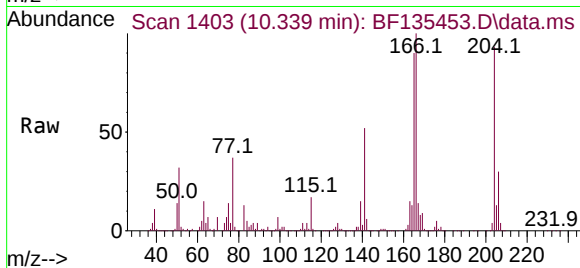




#61
4-Chlorophenyl-phenylether
Concen: 43.939 ng
RT: 10.339 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

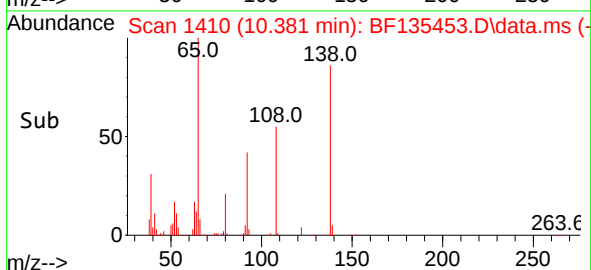
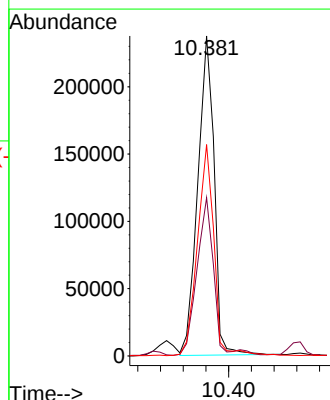
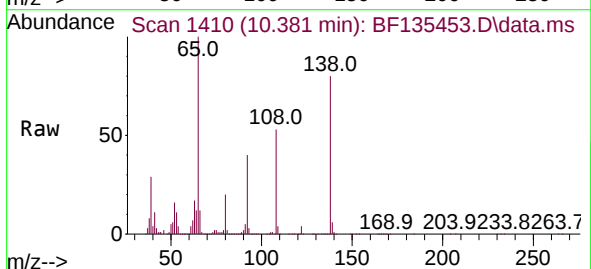
Instrument :
BNA_F
ClientSampleId :
TP-AMSD

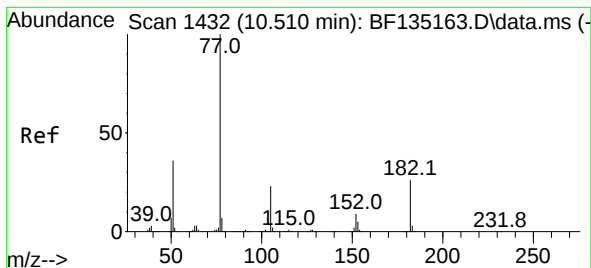
Tgt Ion:204 Resp: 412860
Ion Ratio Lower Upper
204 100
206 32.4 26.7 40.1
141 55.7 50.6 75.8



#62
4-Nitroaniline
Concen: 46.636 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

Tgt Ion:138 Resp: 237391
Ion Ratio Lower Upper
138 100
92 49.4 31.8 71.8
108 66.0 52.0 92.0





#63

Azobenzene

Concen: 48.859 ng

RT: 10.498 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

Instrument :

BNA_F

ClientSampleId :

TP-AMSD

Tgt Ion: 77 Resp: 988266

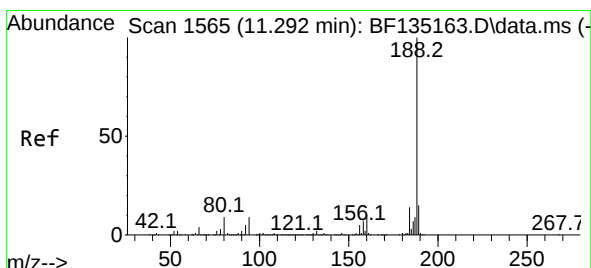
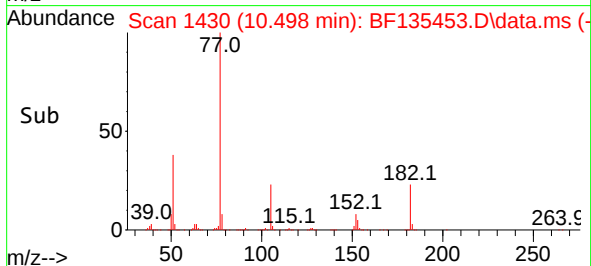
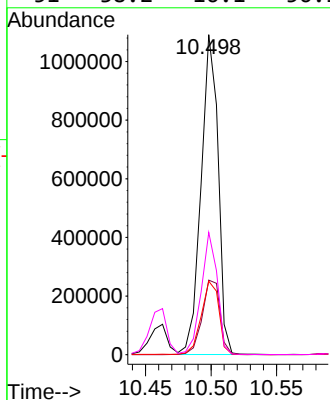
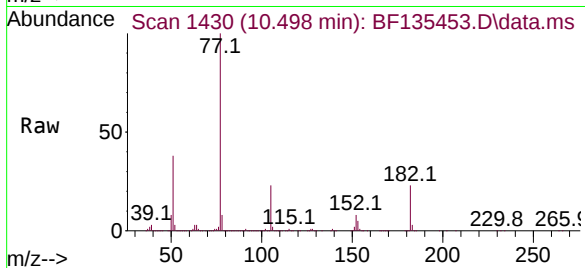
Ion Ratio Lower Upper

77 100

182 23.3 6.4 46.4

105 23.0 3.1 43.1

51 38.2 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1564

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

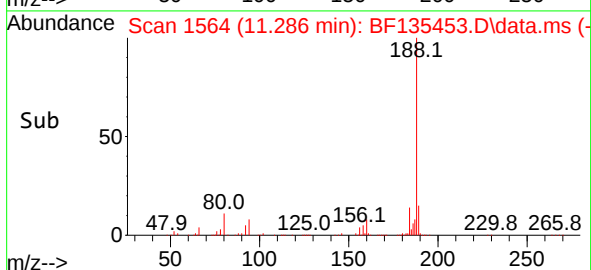
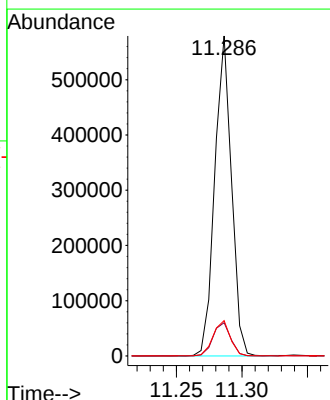
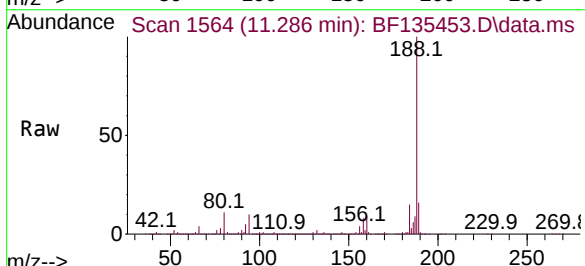
Tgt Ion: 188 Resp: 513027

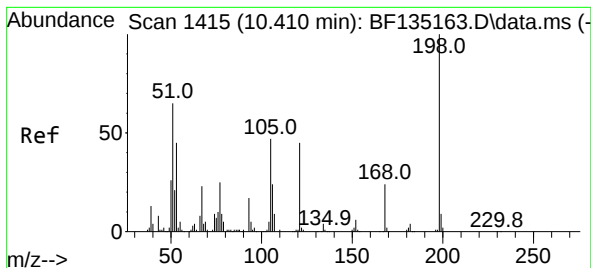
Ion Ratio Lower Upper

188 100

94 10.4 7.0 10.6

80 11.1 7.5 11.3

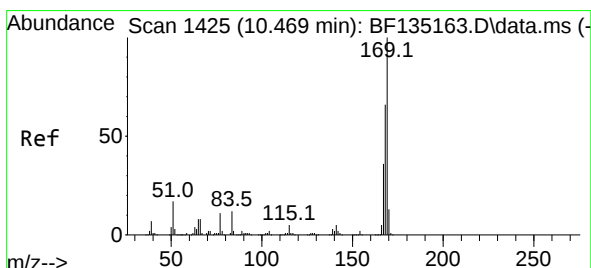
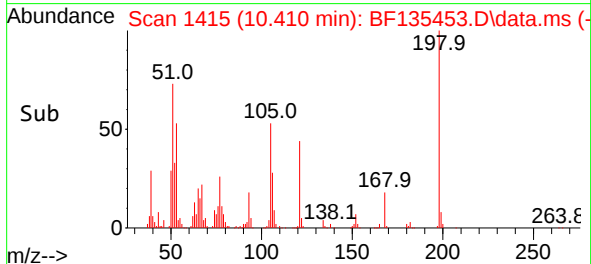
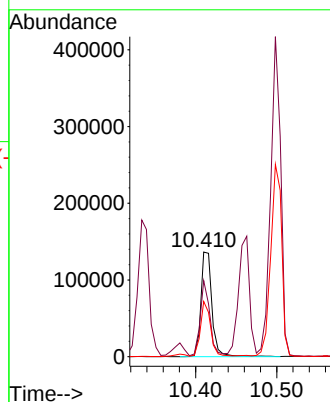
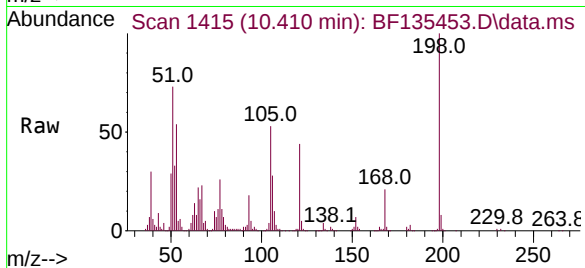




#65
4,6-Dinitro-2-methylphenol
Concen: 47.432 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

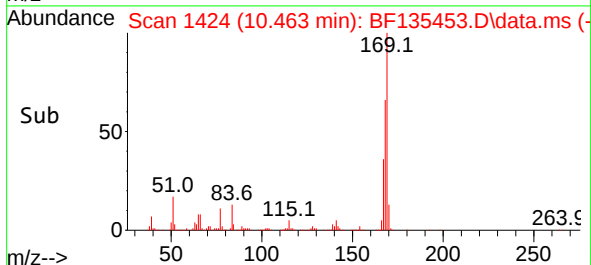
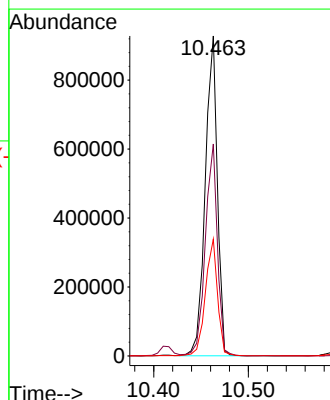
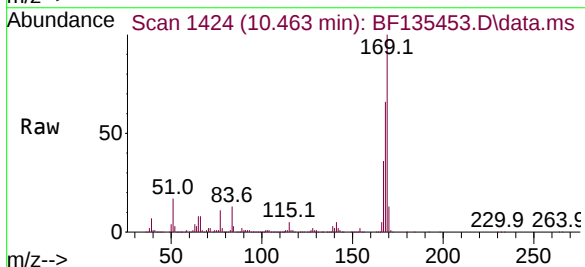
Instrument :
BNA_F
ClientSampleId :
TP-AMSD

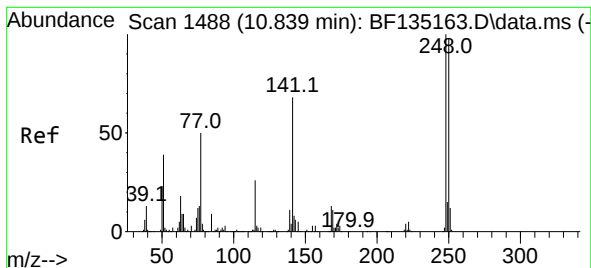
Tgt Ion:198 Resp: 129246
Ion Ratio Lower Upper
198 100
51 72.6 47.7 87.7
105 52.7 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 53.135 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

Tgt Ion:169 Resp: 825276
Ion Ratio Lower Upper
169 100
168 66.2 52.8 79.2
167 36.5 29.0 43.6

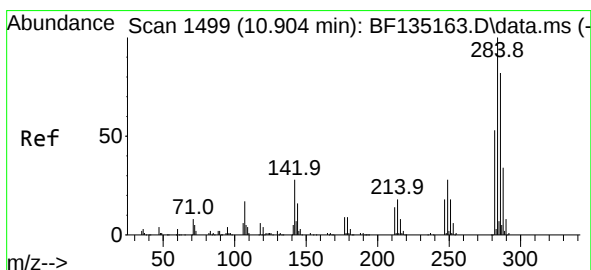
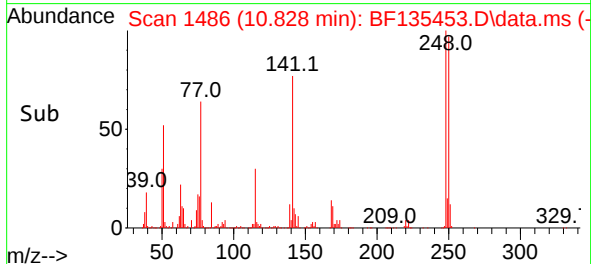
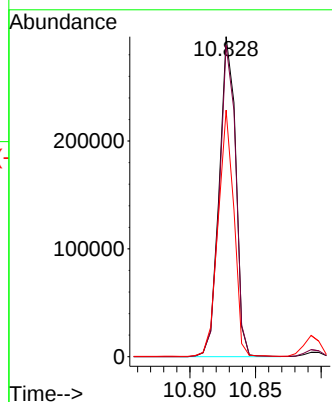
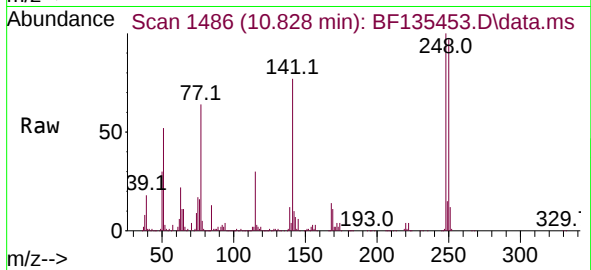




#67
4-Bromophenyl-phenylether
Concen: 50.815 ng
RT: 10.828 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

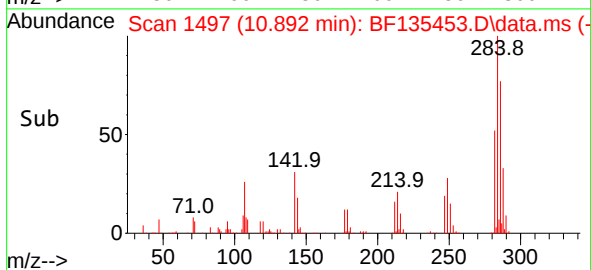
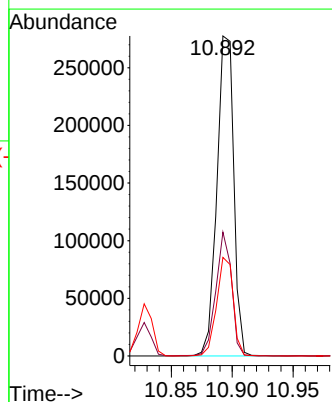
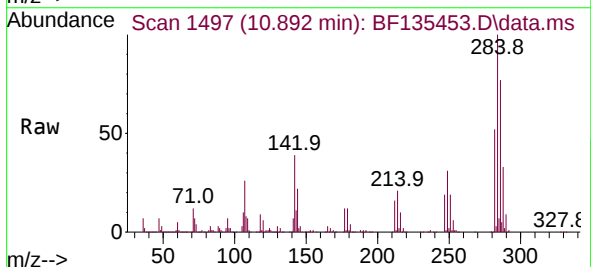
Instrument :
BNA_F
ClientSampleId :
TP-AMSD

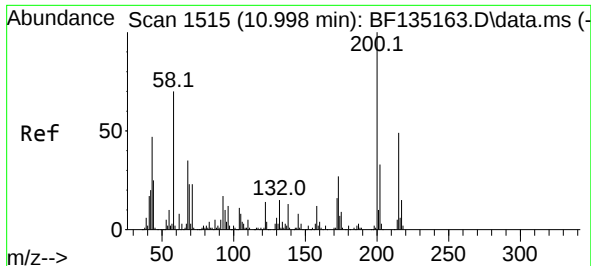
Tgt Ion:248 Resp: 259280
Ion Ratio Lower Upper
248 100
250 97.4 78.6 117.8
141 77.1 54.2 81.2



#68
Hexachlorobenzene
Concen: 51.540 ng
RT: 10.892 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

Tgt Ion:284 Resp: 267918
Ion Ratio Lower Upper
284 100
142 38.7 22.2 33.4#
249 30.8 22.5 33.7

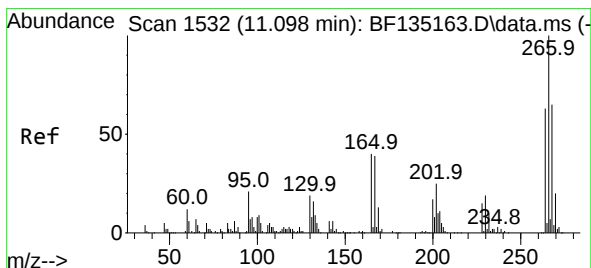
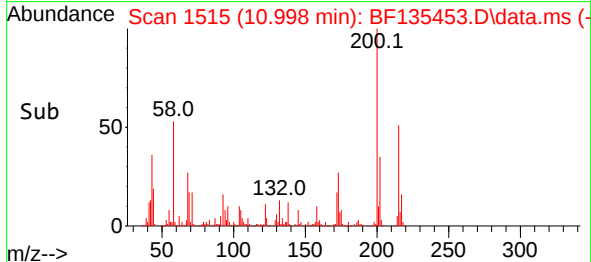
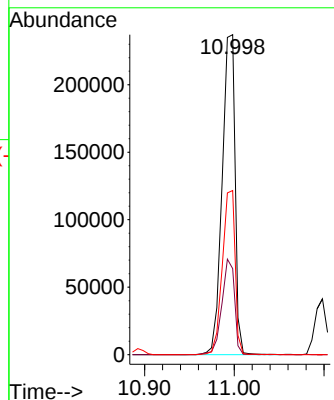
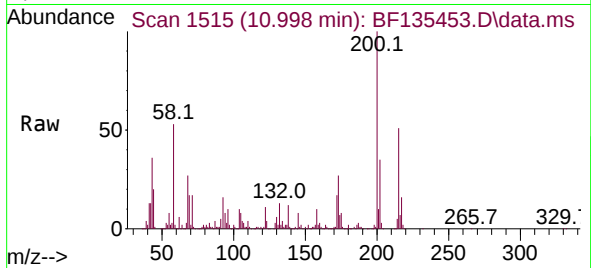




#69
 Atrazine
 Concen: 56.845 ng
 RT: 10.998 min Scan# 1515
 Delta R.T. 0.006 min
 Lab File: BF135453.D
 Acq: 26 Sep 2023 15:23

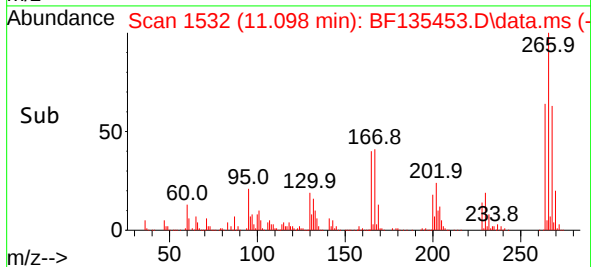
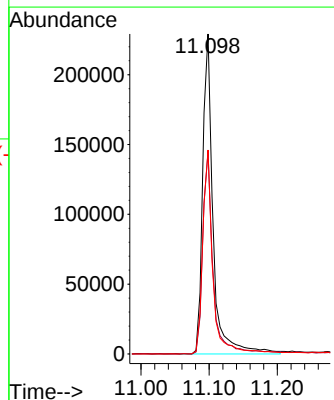
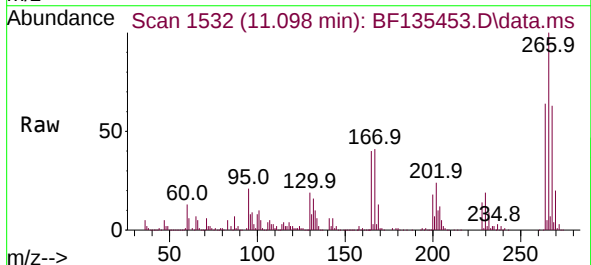
Instrument :
 BNA_F
 ClientSampleId :
 TP-AMSD

Tgt Ion:200 Resp: 237563
 Ion Ratio Lower Upper
 200 100
 173 26.9 7.4 47.4
 215 51.3 28.6 68.6



#70
 Pentachlorophenol
 Concen: 78.538 ng
 RT: 11.098 min Scan# 1532
 Delta R.T. 0.006 min
 Lab File: BF135453.D
 Acq: 26 Sep 2023 15:23

Tgt Ion:266 Resp: 244261
 Ion Ratio Lower Upper
 266 100
 268 63.2 52.1 78.1
 264 63.8 50.8 76.2





#71

Phenanthrene

Concen: 53.295 ng

RT: 11.310 min Scan# 1568

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

Instrument :

BNA_F

ClientSampleId :

TP-AMSD

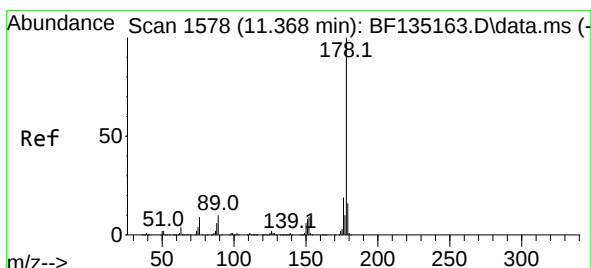
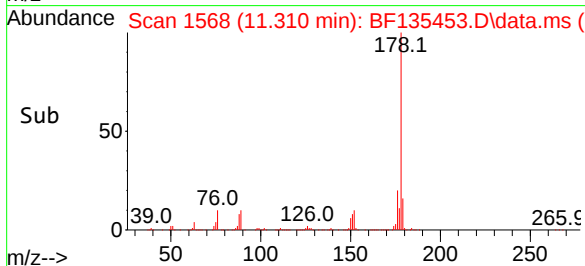
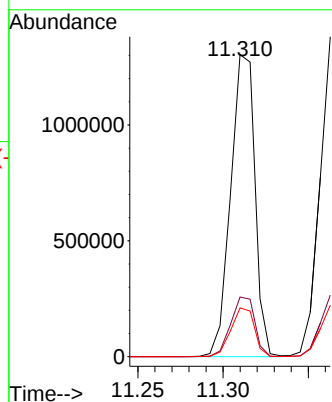
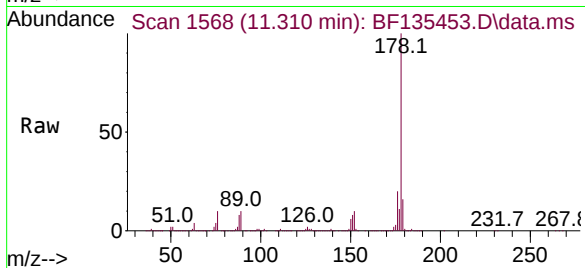
Tgt Ion:178 Resp: 1293140

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

179 16.2 12.0 18.0



#72

Anthracene

Concen: 50.364 ng

RT: 11.363 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

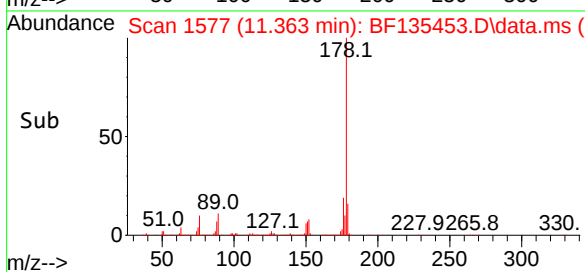
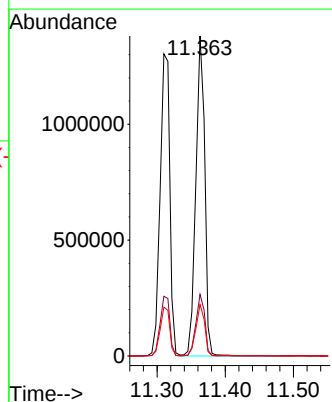
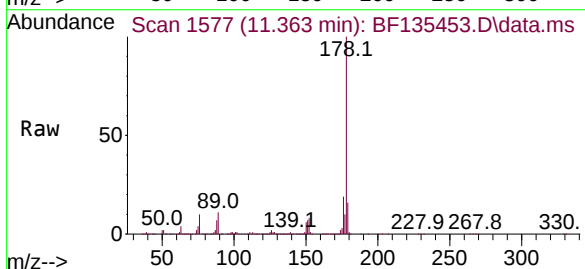
Tgt Ion:178 Resp: 1256113

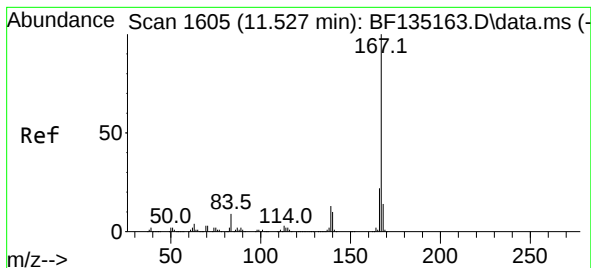
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 16.1 12.6 19.0





#73

Carbazole

Concen: 49.657 ng

RT: 11.522 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

Instrument :

BNA_F

ClientSampleId :

TP-AMSD

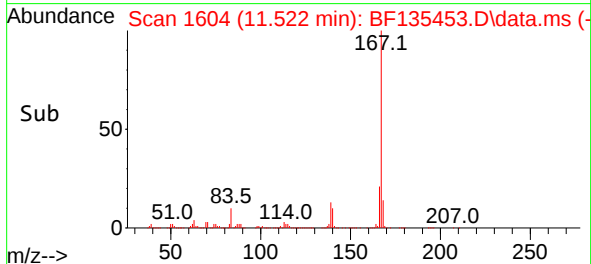
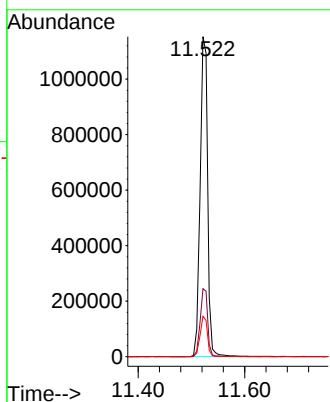
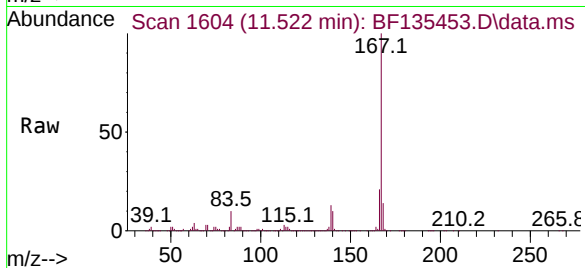
Tgt Ion:167 Resp: 1127421

Ion Ratio Lower Upper

167 100

166 21.3 17.4 26.0

139 12.6 10.6 15.8



#74

Di-n-butylphthalate

Concen: 49.089 ng

RT: 11.851 min Scan# 1660

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

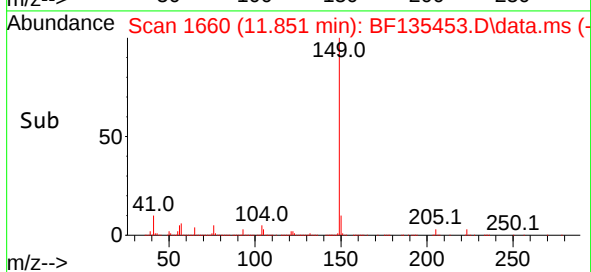
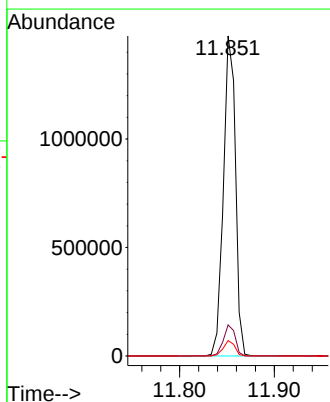
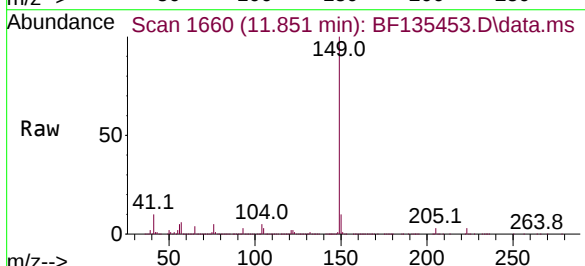
Tgt Ion:149 Resp: 1313298

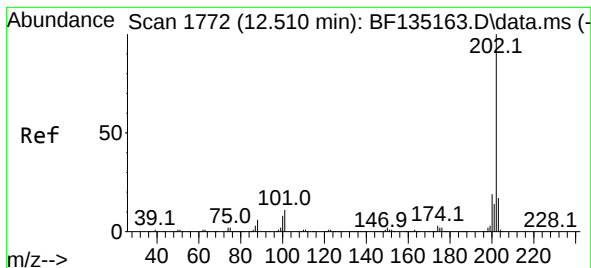
Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.0

104 4.8 3.6 5.4





#75

Fluoranthene

Concen: 46.842 ng

RT: 12.504 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

Instrument :

BNA_F

ClientSampleId :

TP-AMSD

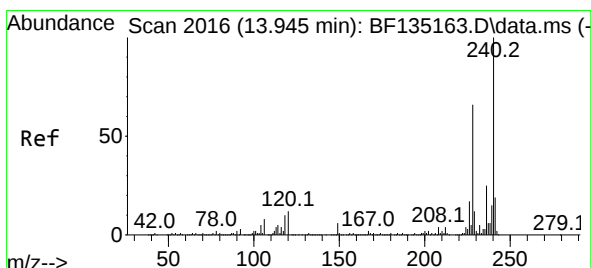
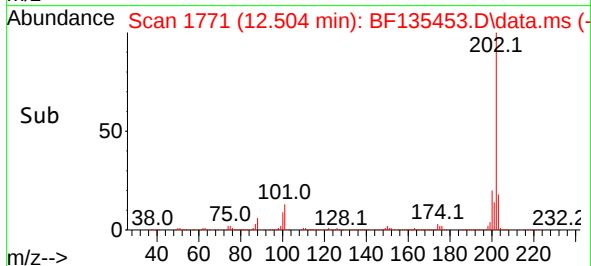
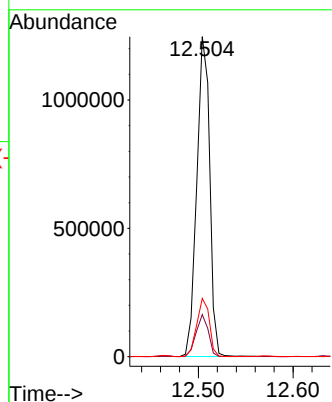
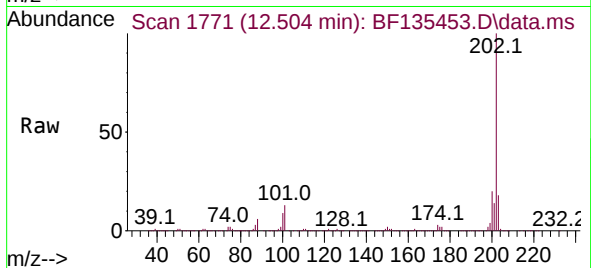
Tgt Ion:202 Resp: 1184306

Ion Ratio Lower Upper

202 100

101 13.2 0.0 31.3

203 18.2 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: BF135453.D

Acq: 26 Sep 2023 15:23

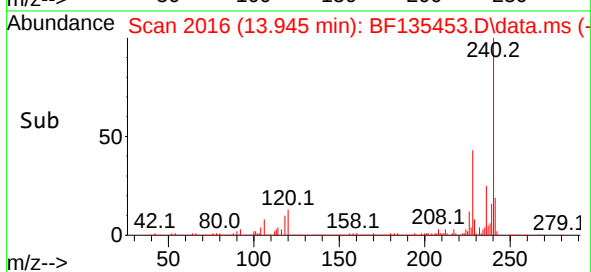
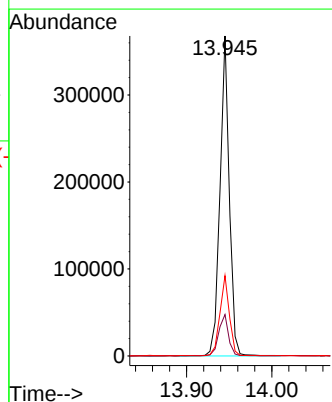
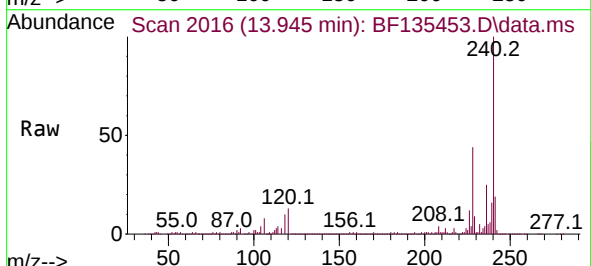
Tgt Ion:240 Resp: 281387

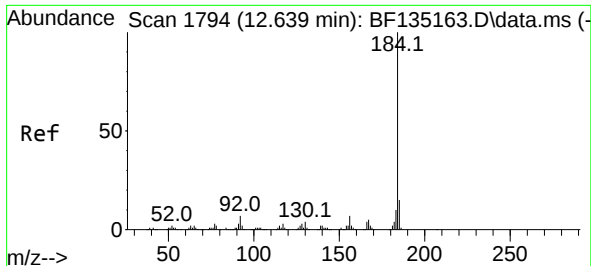
Ion Ratio Lower Upper

240 100

120 13.0 9.4 14.2

236 25.1 19.8 29.8

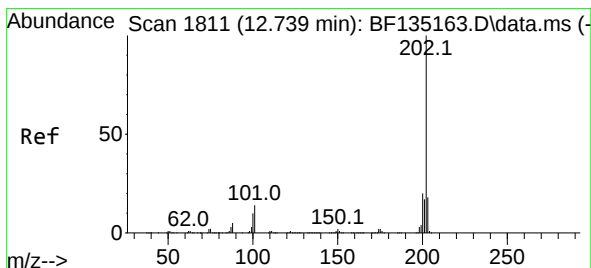
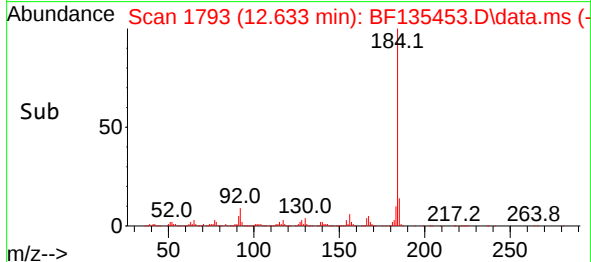
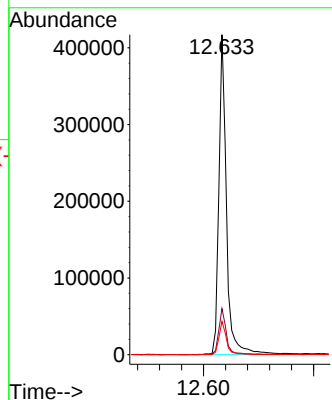
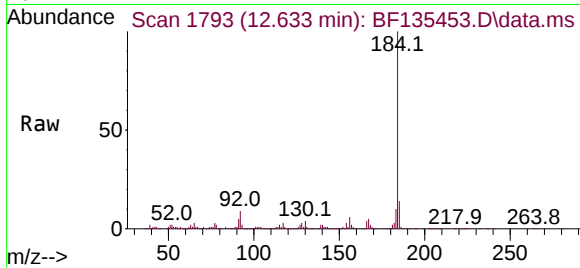




#77
Benzidine
Concen: 69.679 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

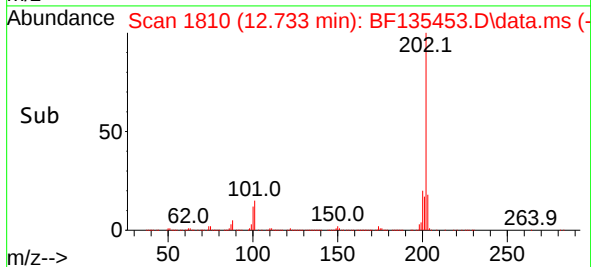
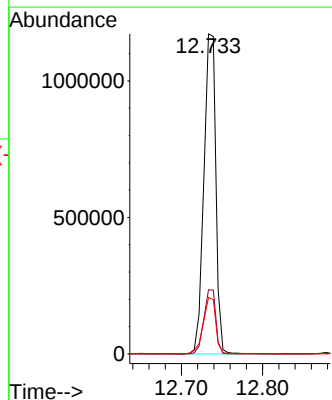
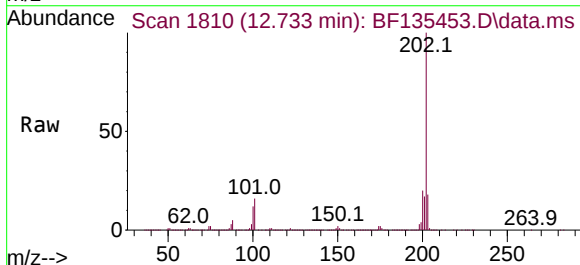
Instrument :
BNA_F
ClientSampleId :
TP-AMSD

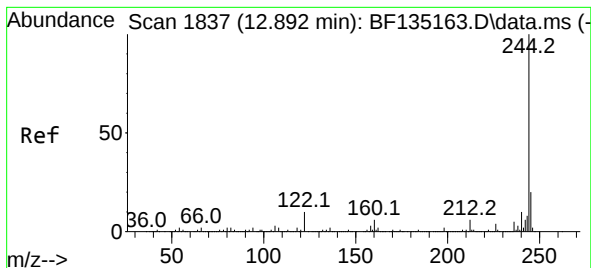
Tgt Ion:184 Resp: 401683
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 10.4 8.2 12.4



#78
Pyrene
Concen: 44.707 ng
RT: 12.733 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

Tgt Ion:202 Resp: 1197713
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.2
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 62.134 ng

RT: 12.880 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

Instrument :

BNA_F

ClientSampleId :

TP-AMSD

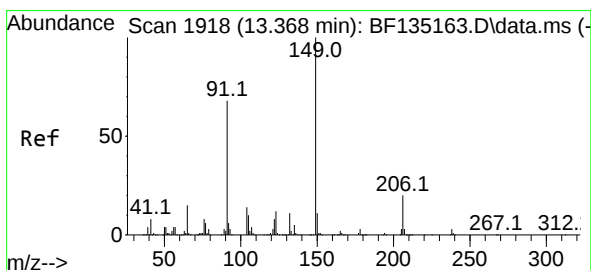
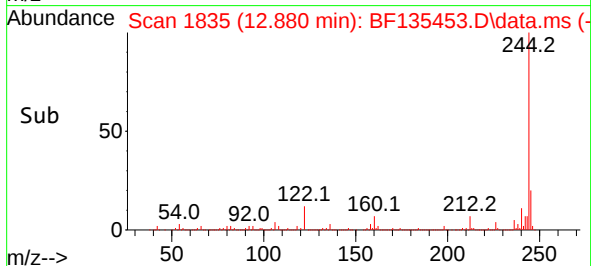
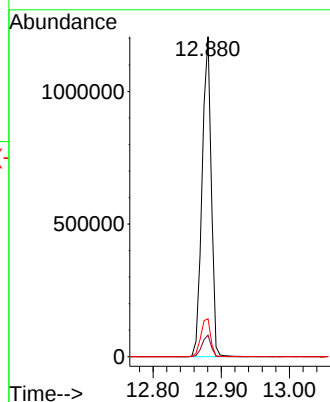
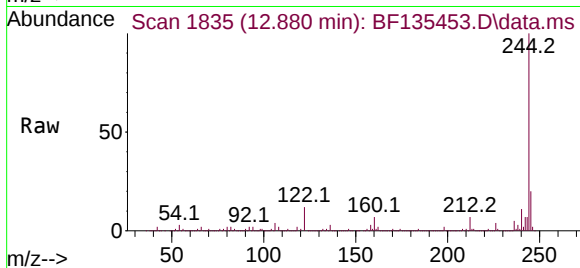
Tgt Ion:244 Resp: 1127838

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 11.9 7.9 11.9



#80

Butylbenzylphthalate

Concen: 44.994 ng

RT: 13.357 min Scan# 1916

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

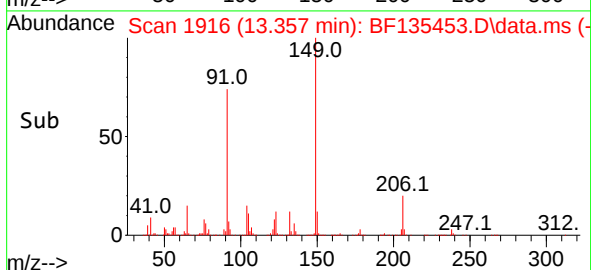
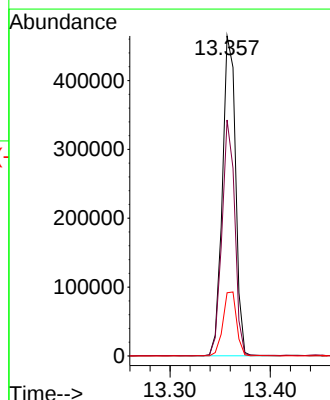
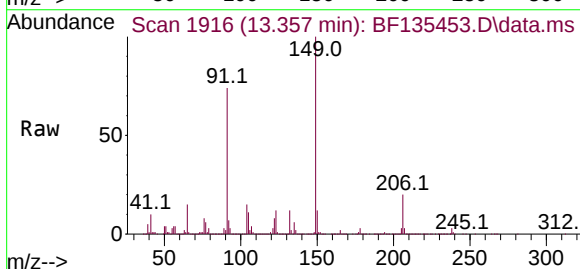
Tgt Ion:149 Resp: 424402

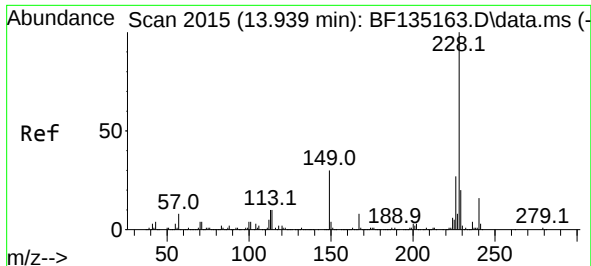
Ion Ratio Lower Upper

149 100

91 73.8 54.7 82.1

206 19.7 16.3 24.5

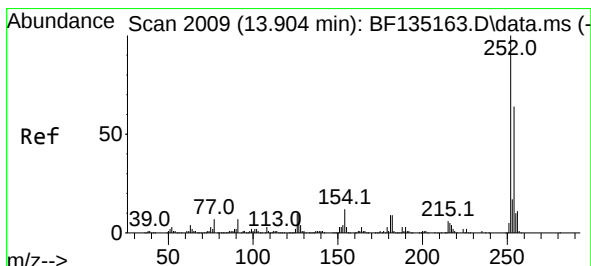
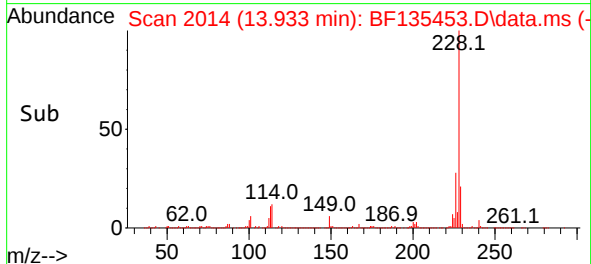
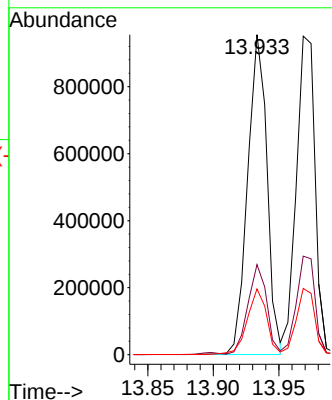
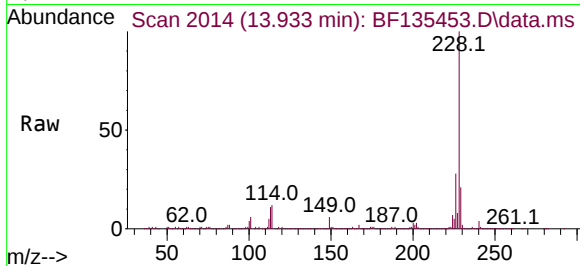




#81
Benzo(a)anthracene
Concen: 53.856 ng
RT: 13.933 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

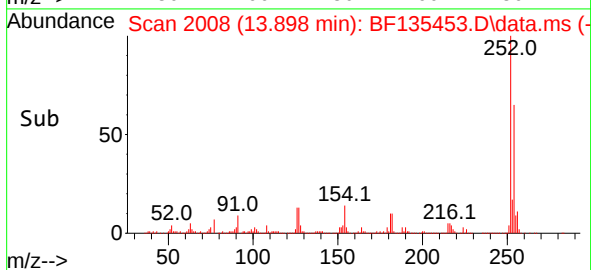
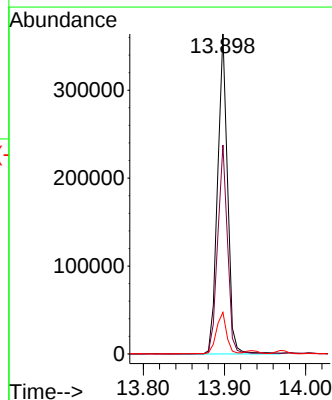
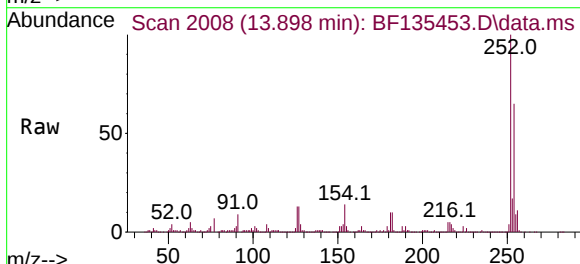
Instrument :
BNA_F
ClientSampleId :
TP-AMSD

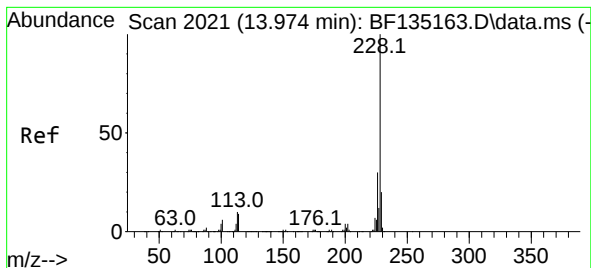
Tgt Ion:228 Resp: 978567
Ion Ratio Lower Upper
228 100
226 28.1 21.7 32.5
229 20.5 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 54.794 ng
RT: 13.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

Tgt Ion:252 Resp: 310980
Ion Ratio Lower Upper
252 100
254 65.3 51.0 76.4
126 13.0 7.8 11.8#





#83

Chrysene

Concen: 52.274 ng

RT: 13.969 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

Instrument :

BNA_F

ClientSampleId :

TP-AMSD

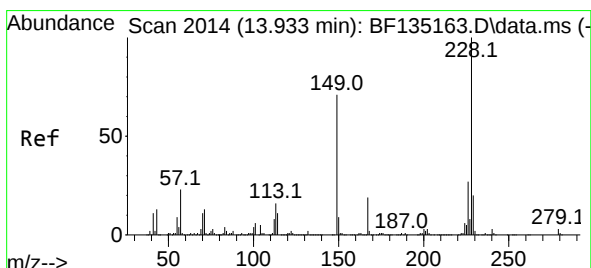
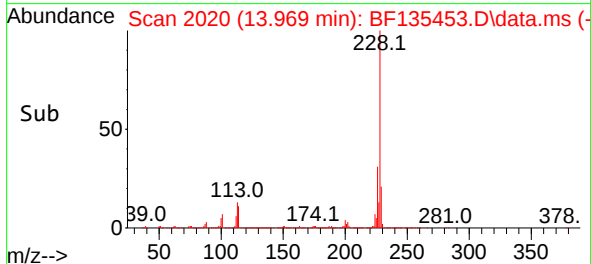
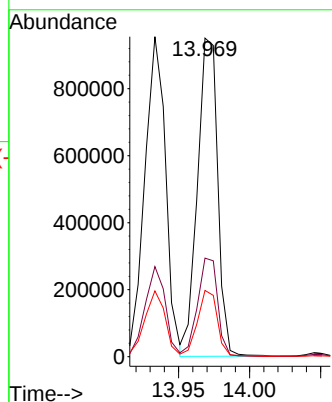
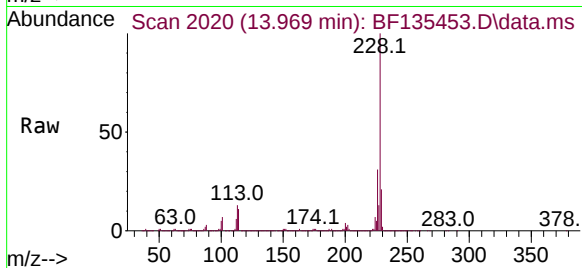
Tgt Ion:228 Resp: 944335

Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

229 20.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.345 ng

RT: 13.922 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

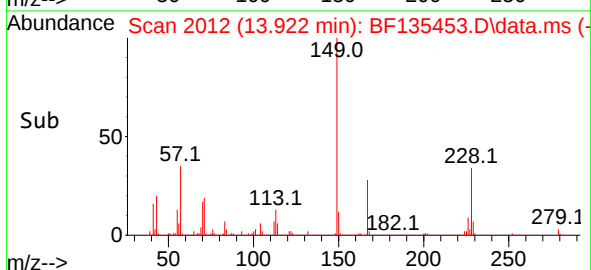
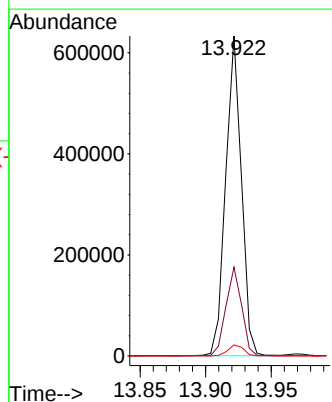
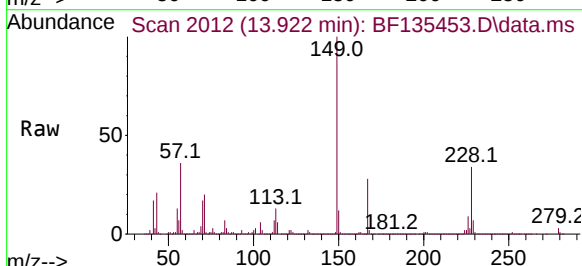
Tgt Ion:149 Resp: 526019

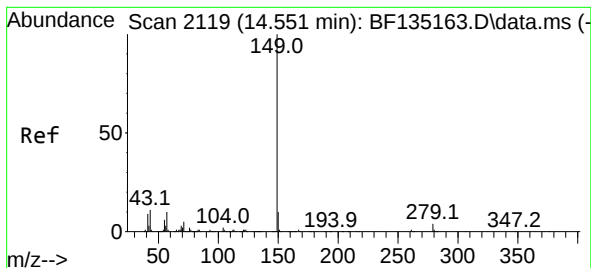
Ion Ratio Lower Upper

149 100

167 27.7 21.9 32.9

279 3.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 67.933 ng

RT: 14.539 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

Instrument :

BNA_F

ClientSampleId :

TP-AMSD

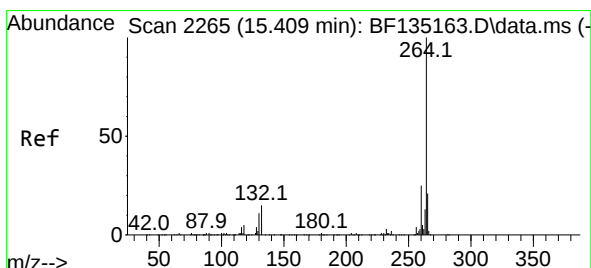
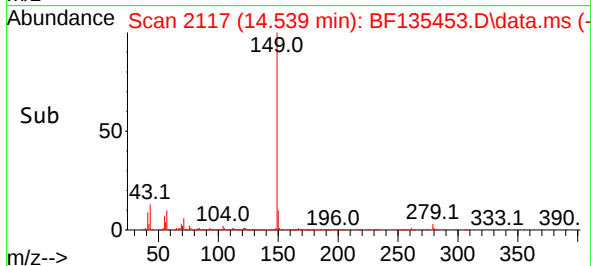
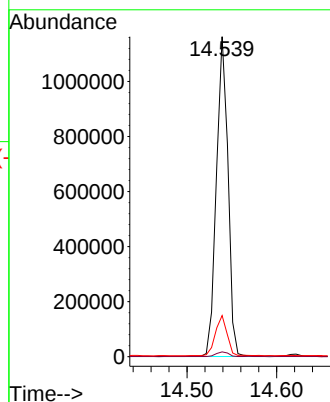
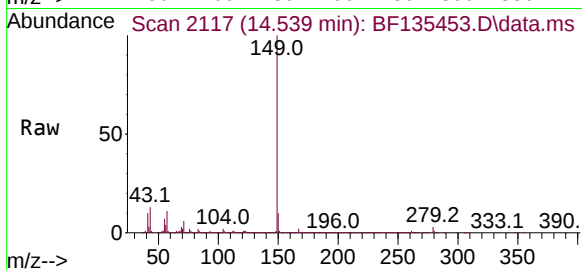
Tgt Ion:149 Resp: 1044964

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.8 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.006 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

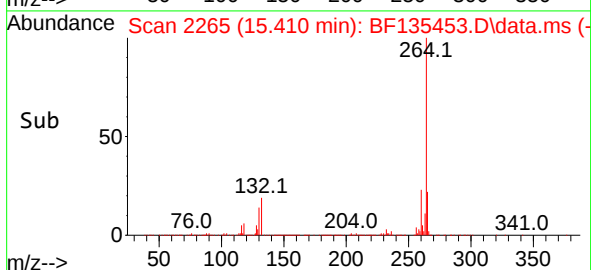
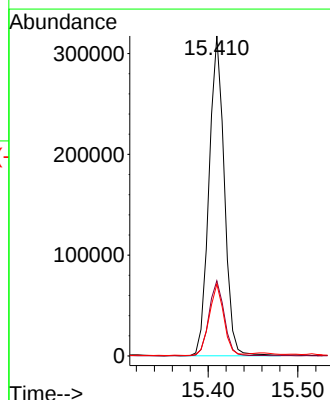
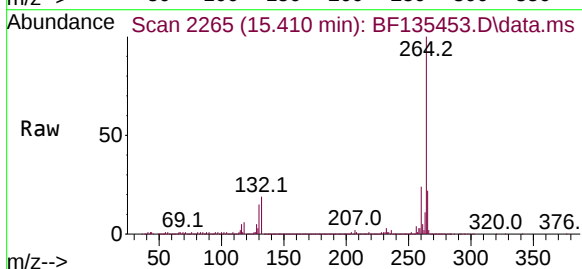
Tgt Ion:264 Resp: 375141

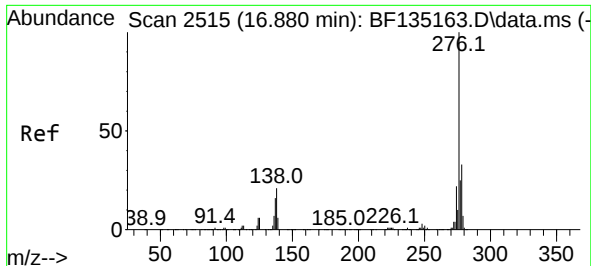
Ion Ratio Lower Upper

264 100

260 23.5 19.8 29.6

265 22.5 17.0 25.4

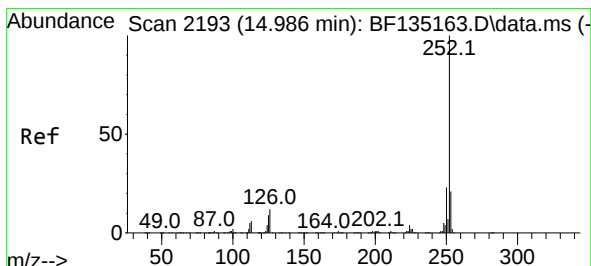
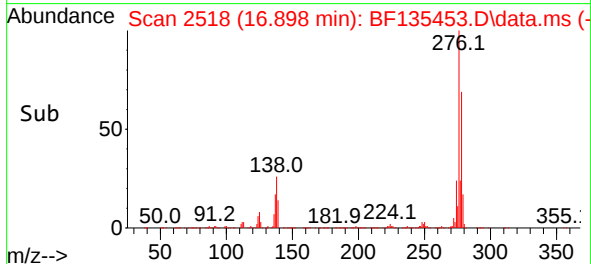
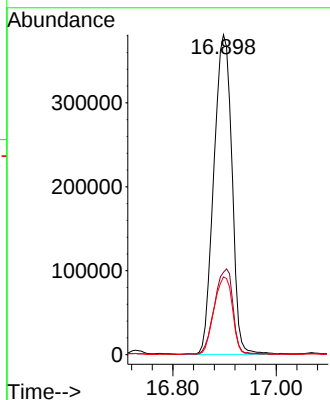
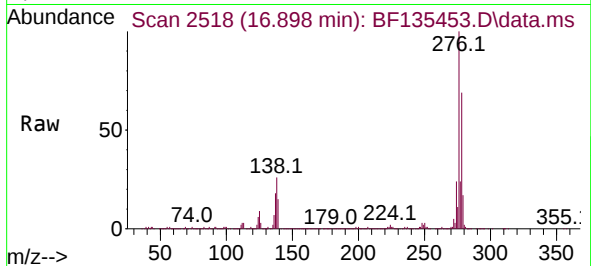




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.567 ng
 RT: 16.898 min Scan# 2118
 Delta R.T. 0.012 min
 Lab File: BF135453.D
 Acq: 26 Sep 2023 15:23

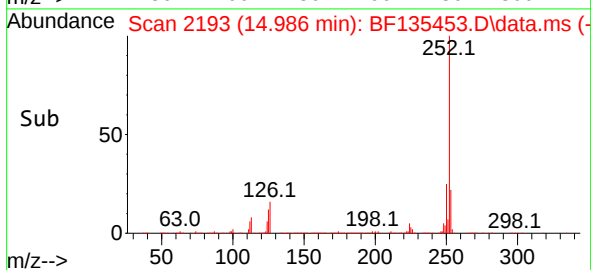
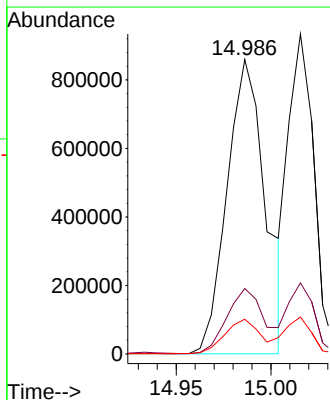
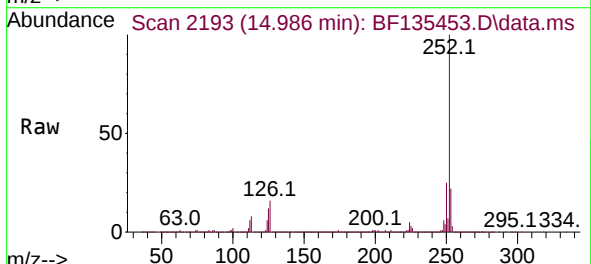
Instrument :
 BNA_F
 ClientSampleId :
 TP-AMSD

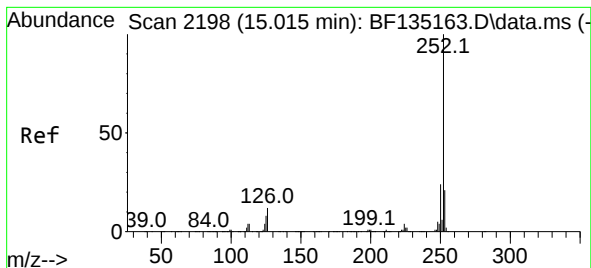
Tgt Ion:276 Resp: 924020
 Ion Ratio Lower Upper
 276 100
 138 27.6 19.2 28.8
 277 24.6 19.7 29.5



#88
 Benzo(b)fluoranthene
 Concen: 59.590 ng
 RT: 14.986 min Scan# 2193
 Delta R.T. 0.006 min
 Lab File: BF135453.D
 Acq: 26 Sep 2023 15:23

Tgt Ion:252 Resp: 1210134
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.2 25.8
 125 11.8 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 43.442 ng

RT: 15.016 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

Instrument :

BNA_F

ClientSampleId :

TP-AMSD

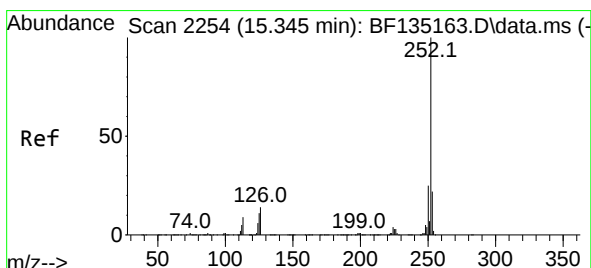
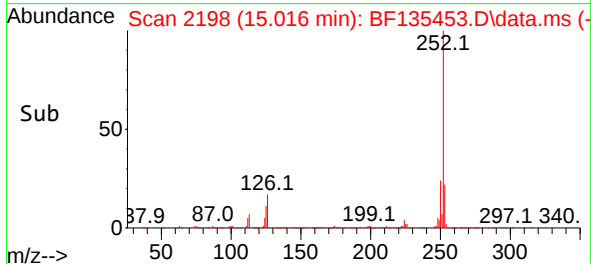
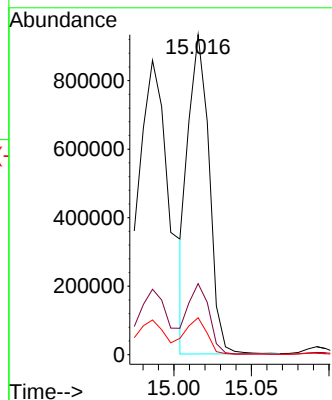
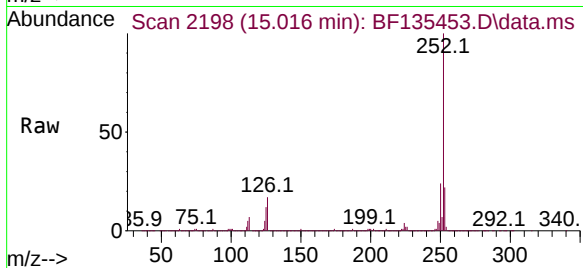
Tgt Ion:252 Resp: 871460

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 11.6 7.2 10.8#



#90

Benzo(a)pyrene

Concen: 51.149 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF135453.D

Acq: 26 Sep 2023 15:23

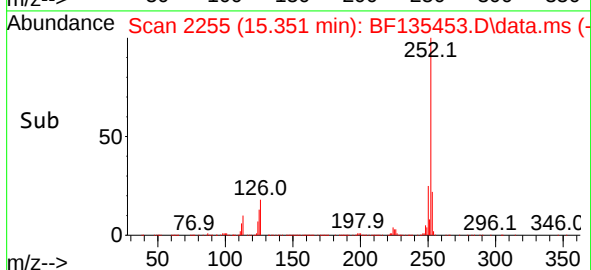
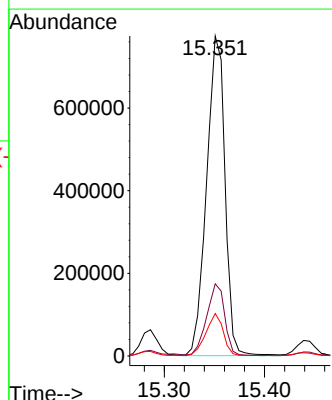
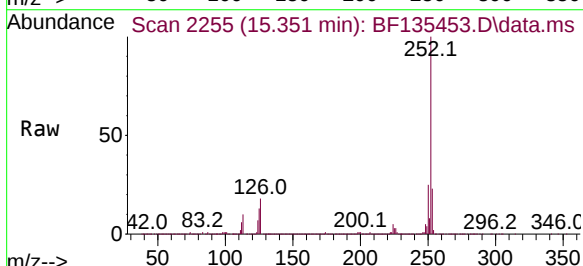
Tgt Ion:252 Resp: 990554

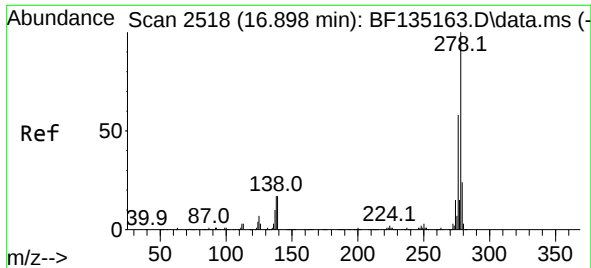
Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 13.3 9.2 13.8

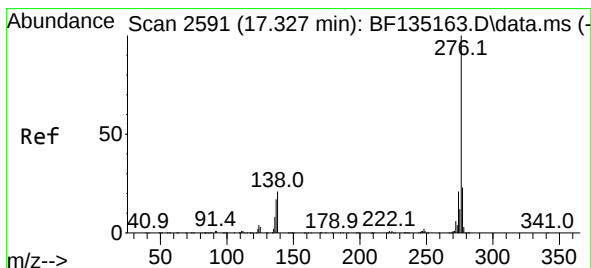
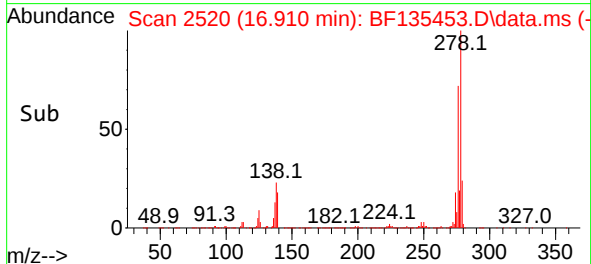
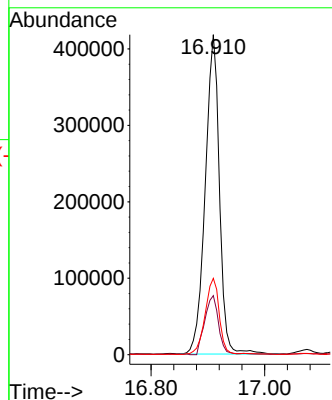
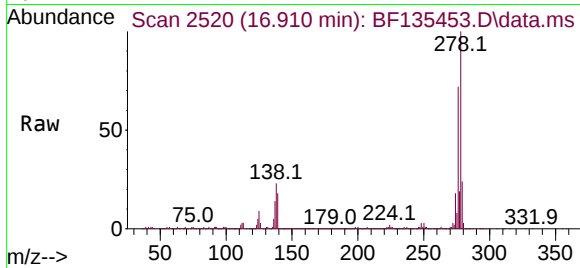




#91
Dibenzo(a,h)anthracene
Concen: 35.885 ng
RT: 16.910 min Scan# 2520
Delta R.T. 0.012 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

Instrument :
BNA_F
ClientSampleId :
TP-AMSD

Tgt Ion:278 Resp: 722204
Ion Ratio Lower Upper
278 100
139 18.4 13.4 20.0
279 23.9 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 32.362 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.012 min
Lab File: BF135453.D
Acq: 26 Sep 2023 15:23

Tgt Ion:276 Resp: 680188
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 24.7 16.9 25.3

