

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135314.D
 Acq On : 18 Sep 2023 19:13
 Operator : CG\JU
 Sample : 04305-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-5-23-EPHMSD

Quant Time: Sep 19 00:14:33 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	115735	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	435462	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	211487	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	357540	20.000	ng	0.00
76) Chrysene-d12	13.945	240	176748	20.000	ng	0.00
86) Perylene-d12	15.410	264	240351	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	547468	76.937	ng	0.00
7) Phenol-d6	6.404	99	691516	76.426	ng	0.00
23) Nitrobenzene-d5	7.322	82	426008	53.150	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	157533	74.956	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	757733	54.056	ng	-0.01
79) Terphenyl-d14	12.880	244	521269	45.719	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	144207	46.229	ng	99
3) Pyridine	3.287	79	353829	42.145	ng	94
4) n-Nitrosodimethylamine	3.263	42	239806	53.826	ng	92
6) Aniline	6.428	93	431100	36.333	ng	95
8) 2-Chlorophenol	6.546	128	393769	51.838	ng	99
9) Benzaldehyde	6.316	77	168688	32.726	ng	98
10) Phenol	6.416	94	470791	47.451	ng	90
11) bis(2-Chloroethyl)ether	6.498	93	370926	49.840	ng	97
12) 1,3-Dichlorobenzene	6.698	146	389071	50.398	ng	99
13) 1,4-Dichlorobenzene	6.775	146	400857	51.037	ng	98
14) 1,2-Dichlorobenzene	6.928	146	375923	51.539	ng	97
15) Benzyl Alcohol	6.910	79	332668	51.236	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.034	45	724253	51.628	ng	95
17) 2-Methylphenol	7.022	107	305669	45.600	ng	97
18) Hexachloroethane	7.263	117	150756	51.948	ng	91
19) n-Nitroso-di-n-propyla...	7.175	70	252799	45.107	ng	89
20) 3+4-Methylphenols	7.175	107	349928	43.413	ng	95
22) Acetophenone	7.169	105	497651	49.986	ng	99
24) Nitrobenzene	7.345	77	408220	51.529	ng	96
25) Isophorone	7.581	82	757888	51.494	ng	98
26) 2-Nitrophenol	7.657	139	206793	54.387	ng	96
27) 2,4-Dimethylphenol	7.698	122	300627	47.038	ng	98
28) bis(2-Chloroethoxy)met...	7.793	93	462892	52.546	ng	99
29) 2,4-Dichlorophenol	7.904	162	306806	51.807	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	329842	53.287	ng	99
31) Naphthalene	8.063	128	1072757	50.703	ng	99
32) Benzoic acid	7.840	122	254201	52.820	ng	97
33) 4-Chloroaniline	8.116	127	362375	39.037	ng	98
34) Hexachlorobutadiene	8.175	225	193632	51.878	ng	98
35) Caprolactam	8.498	113	67096	33.758	ng	91
36) 4-Chloro-3-methylphenol	8.604	107	337916	51.340	ng	100
37) 2-Methylnaphthalene	8.751	142	672593	47.292	ng	100
38) 1-Methylnaphthalene	8.851	142	650125	48.825	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	320621	52.330	ng	99
41) Hexachlorocyclopentadiene	8.904	237	190113	71.304	ng	98
43) 2,4,6-Trichlorophenol	9.034	196	215950	53.832	ng	98

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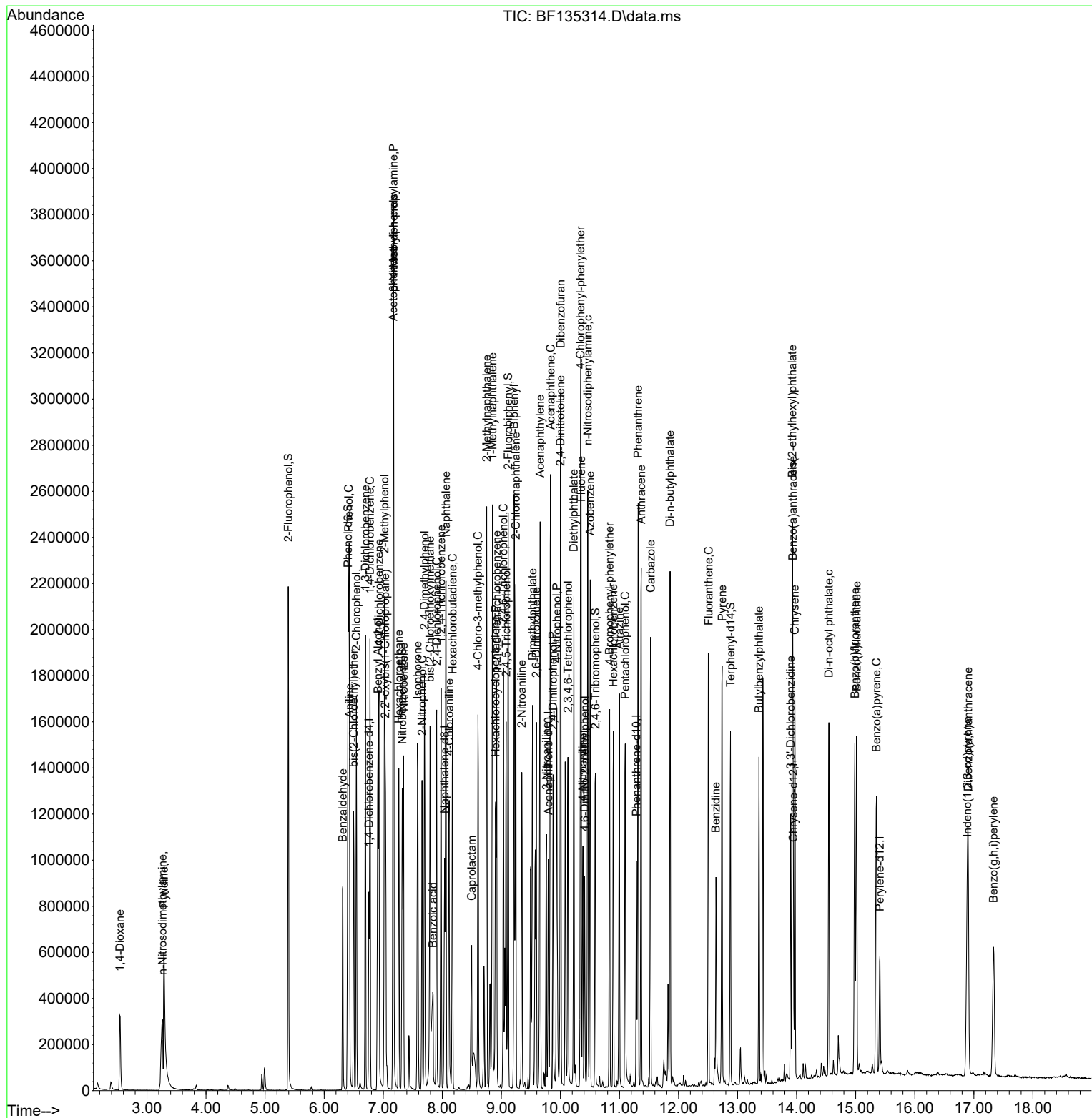
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	230508	49.896	ng	99
46) 1,1'-Biphenyl	9.216	154	841182	51.757	ng	99
47) 2-Chloronaphthalene	9.245	162	634114	53.774	ng	99
48) 2-Nitroaniline	9.345	65	247055	53.928	ng	94
49) Acenaphthylene	9.657	152	1034164	52.770	ng	99
50) Dimethylphthalate	9.528	163	756769	52.926	ng	100
51) 2,6-Dinitrotoluene	9.592	165	166799	53.250	ng	94
52) Acenaphthene	9.834	154	596763	51.546	ng	96
53) 3-Nitroaniline	9.763	138	155517	42.296	ng	94
54) 2,4-Dinitrophenol	9.875	184	152718	85.423	ng	91
55) Dibenzofuran	10.004	168	868407	49.155	ng	96
56) 4-Nitrophenol	9.939	139	222237	95.101	ng	98
57) 2,4-Dinitrotoluene	9.998	165	192832	49.174	ng	# 84
58) Fluorene	10.351	166	668530	49.224	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	180024	50.658	ng	99
60) Diethylphthalate	10.228	149	751147	52.345	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	313925	48.118	ng	99
62) 4-Nitroaniline	10.381	138	167099	47.278	ng	98
63) Azobenzene	10.504	77	720435	51.297	ng	97
65) 4,6-Dinitro-2-methylph...	10.410	198	101470	53.433	ng	97
66) n-Nitrosodiphenylamine	10.463	169	616019	56.910	ng	100
67) 4-Bromophenyl-phenylether	10.834	248	199594	56.129	ng	97
68) Hexachlorobenzene	10.898	284	204926	56.566	ng	94
69) Atrazine	10.998	200	182805	62.765	ng	100
70) Pentachlorophenol	11.098	266	194408	89.693	ng	97
71) Phenanthrene	11.316	178	931341	55.076	ng	99
72) Anthracene	11.369	178	899127	51.728	ng	99
73) Carbazole	11.528	167	784624	49.588	ng	99
74) Di-n-butylphthalate	11.857	149	1035583	55.542	ng	99
75) Fluoranthene	12.510	202	817218	46.380	ng	97
77) Benzidine	12.633	184	364188	100.576	ng	99
78) Pyrene	12.739	202	802452	47.686	ng	99
80) Butylbenzylphthalate	13.363	149	305232	51.518	ng	100
81) Benzo(a)anthracene	13.933	228	619802	54.306	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	225882	63.362	ng	99
83) Chrysene	13.969	228	610927	53.839	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	367755	60.487	ng	98
85) Di-n-octyl phthalate	14.545	149	691860	71.606	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	647542	41.090	ng	99
88) Benzo(b)fluoranthene	14.986	252	720647	55.387	ng	99
89) Benzo(k)fluoranthene	15.016	252	629825	49.004	ng	99
90) Benzo(a)pyrene	15.351	252	634728	51.156	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	530601	41.150	ng	99
92) Benzo(g,h,i)perylene	17.333	276	487474	36.199	ng	99

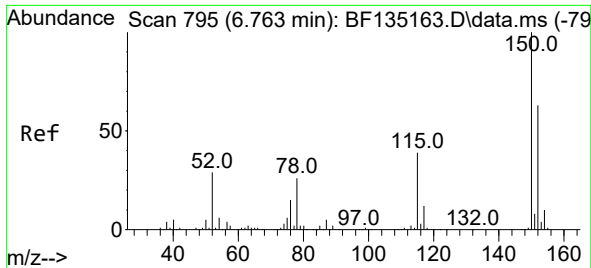
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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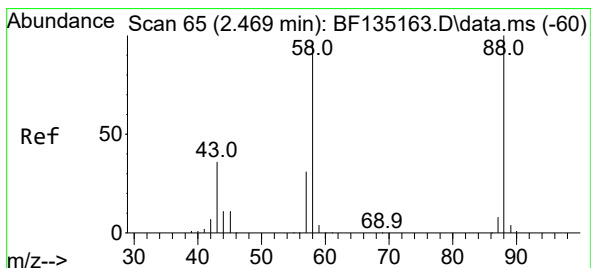
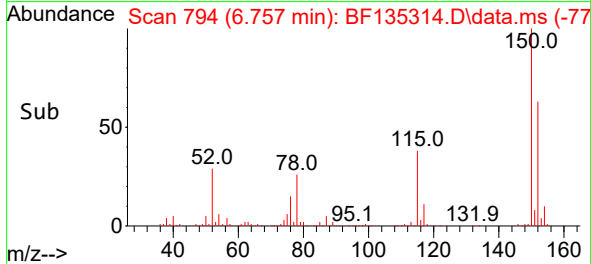
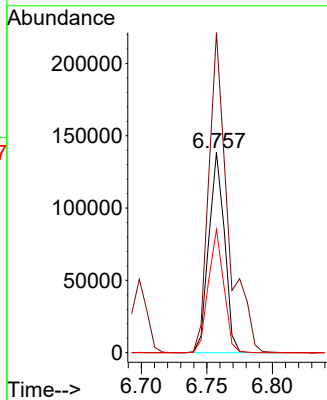
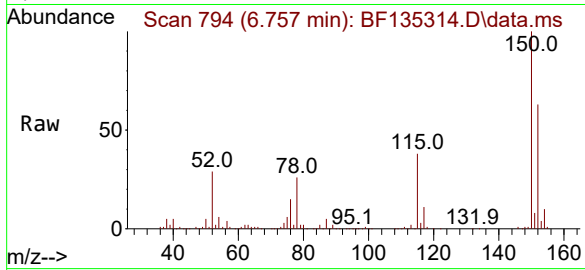




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF135314.D
 Acq: 18 Sep 2023 19:13

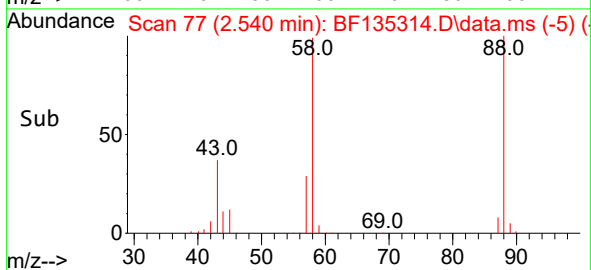
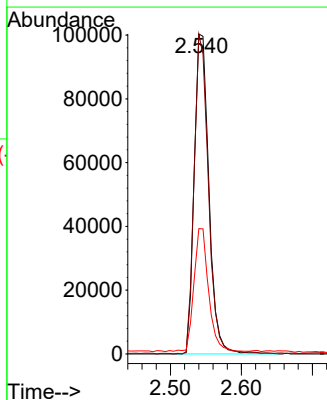
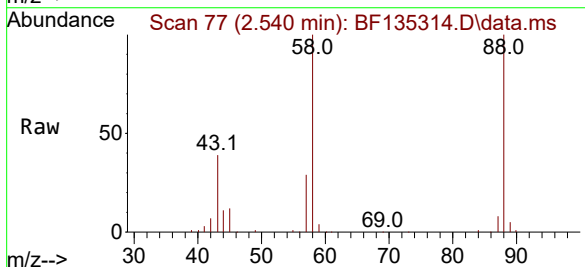
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 ClientSampleId :
 TP-9-5-23-EPHMSD

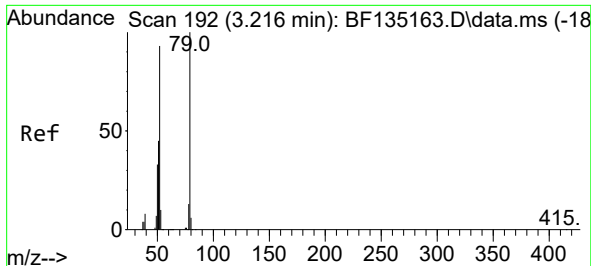
Tgt Ion:152 Resp: 115735
 Ion Ratio Lower Upper
 152 100
 150 159.8 127.8 191.6
 115 61.5 49.8 74.8



#2
 1,4-Dioxane
 Concen: 46.229 ng
 RT: 2.540 min Scan# 77
 Delta R.T. 0.071 min
 Lab File: BF135314.D
 Acq: 18 Sep 2023 19:13

Tgt Ion: 88 Resp: 144207
 Ion Ratio Lower Upper
 88 100
 58 97.8 78.3 117.5
 43 38.3 29.4 44.0

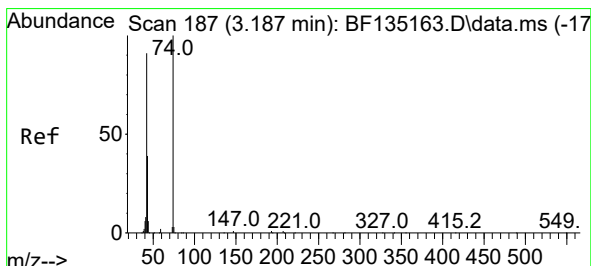
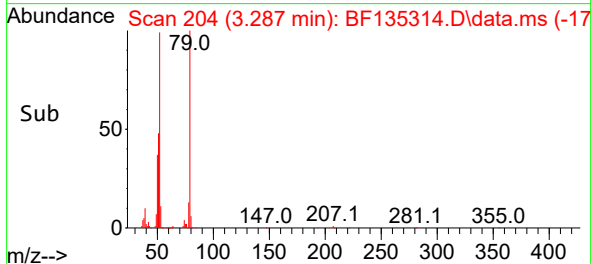
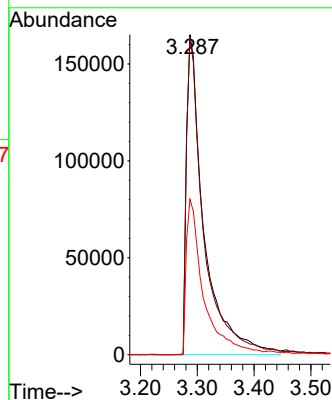
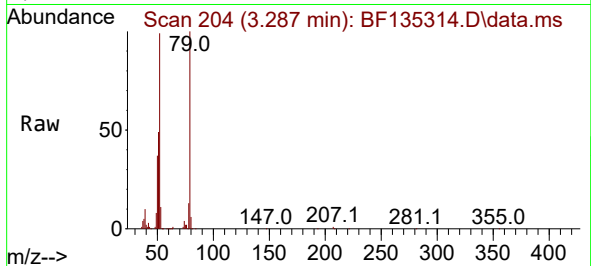




#3
Pyridine
Concen: 42.145 ng
RT: 3.287 min Scan# 20
Delta R.T. 0.071 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

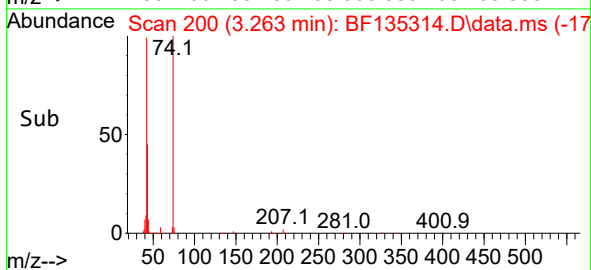
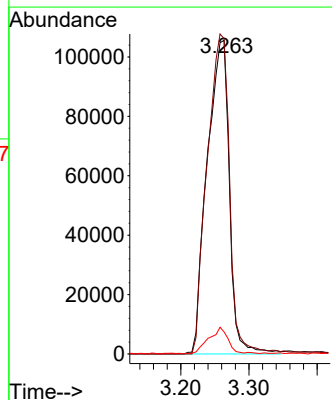
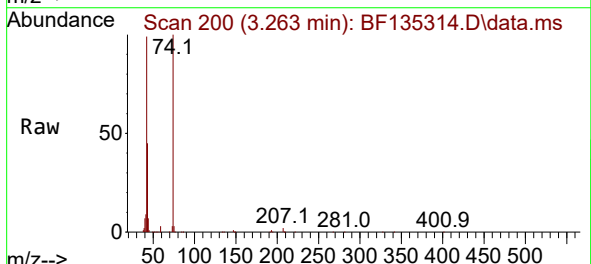
Instrument :
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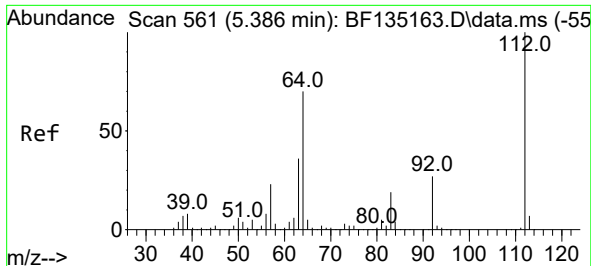
Tgt Ion: 79 Resp: 353829
Ion Ratio Lower Upper
79 100
52 98.8 74.1 111.1
51 48.5 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 53.826 ng
RT: 3.263 min Scan# 200
Delta R.T. 0.077 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion: 42 Resp: 239806
Ion Ratio Lower Upper
42 100
74 100.6 87.7 131.5
44 7.0 5.6 8.4

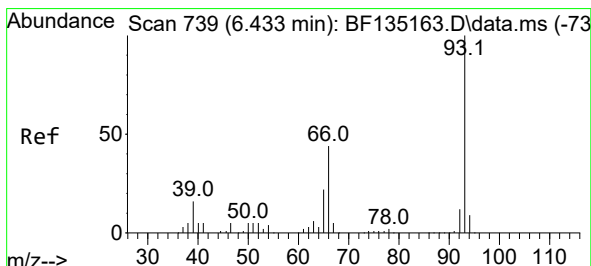
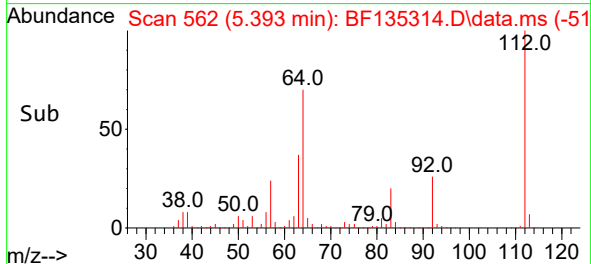
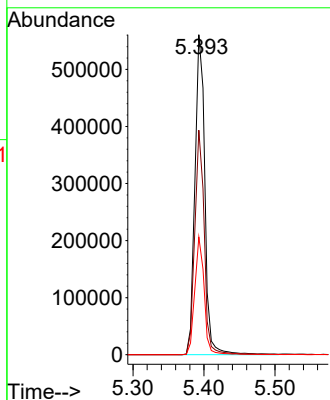
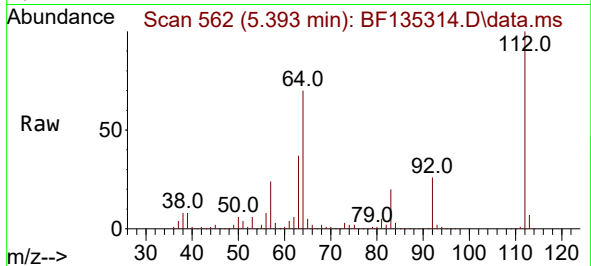




#5
2-Fluorophenol
Concen: 76.937 ng
RT: 5.393 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

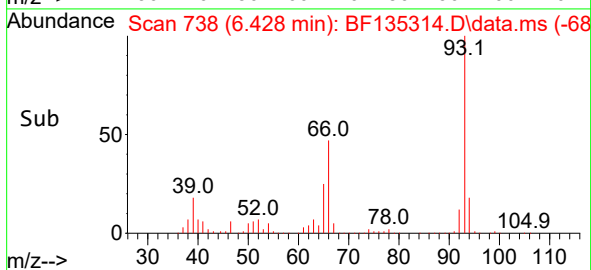
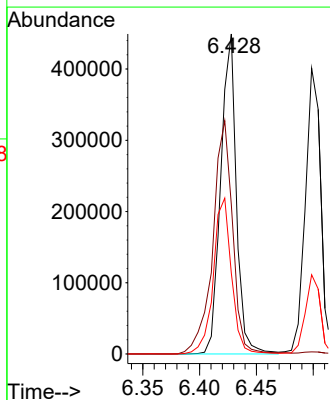
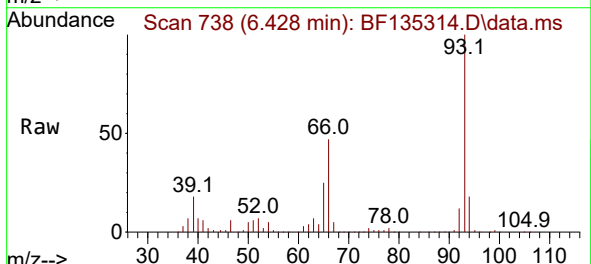
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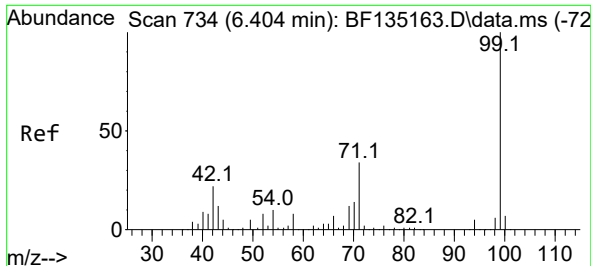
Tgt Ion:112 Resp: 547468
Ion Ratio Lower Upper
112 100
64 70.1 55.9 83.9
63 36.8 29.0 43.6



#6
Aniline
Concen: 36.333 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion: 93 Resp: 431100
Ion Ratio Lower Upper
93 100
66 46.7 35.4 53.0
65 25.2 17.8 26.8

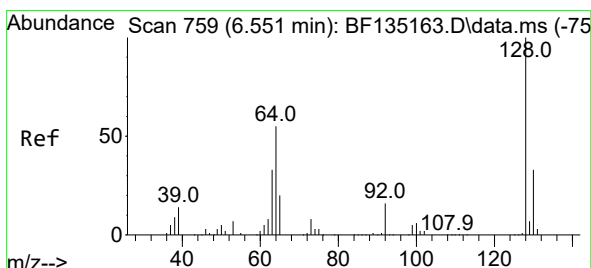
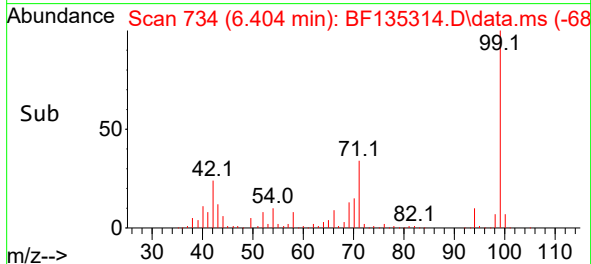
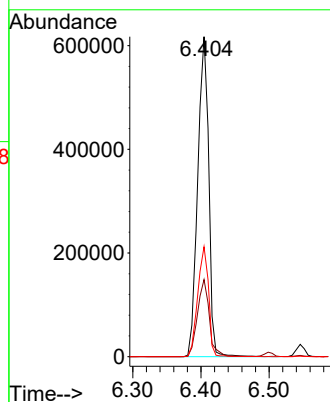
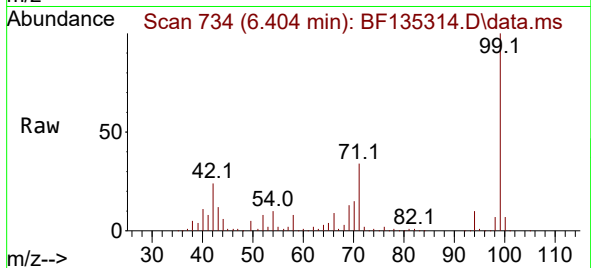




#7
Phenol-d6
Concen: 76.426 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135314.D
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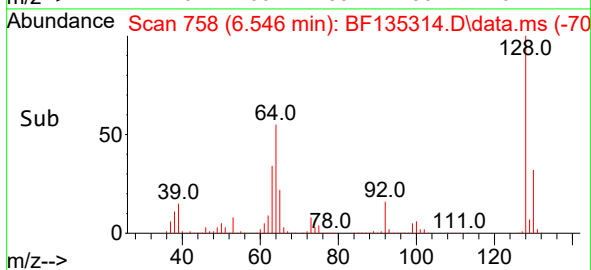
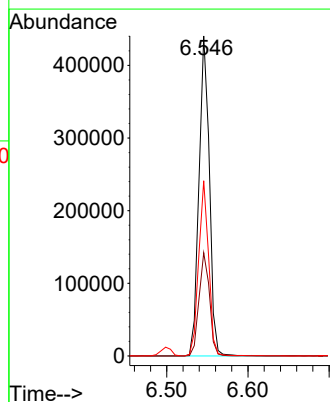
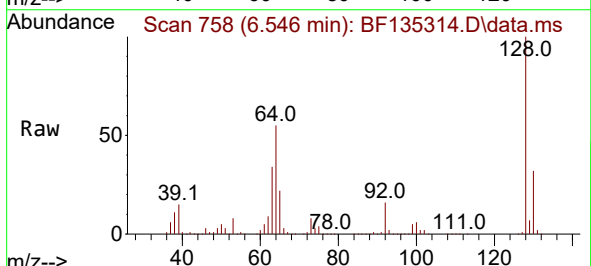
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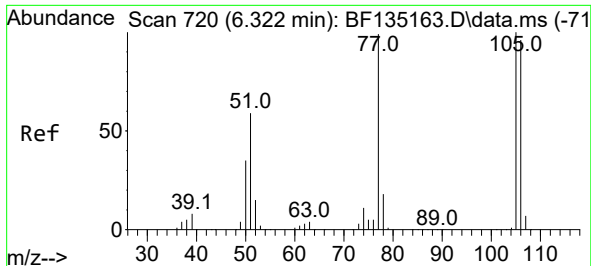
Tgt Ion: 99 Resp: 691516
Ion Ratio Lower Upper
99 100
42 24.1 17.9 26.9
71 34.3 27.0 40.6



#8
2-Chlorophenol
Concen: 51.838 ng
RT: 6.546 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF135314.D
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Tgt Ion:128 Resp: 393769
Ion Ratio Lower Upper
128 100
130 32.3 12.7 52.7
64 54.8 35.9 75.9

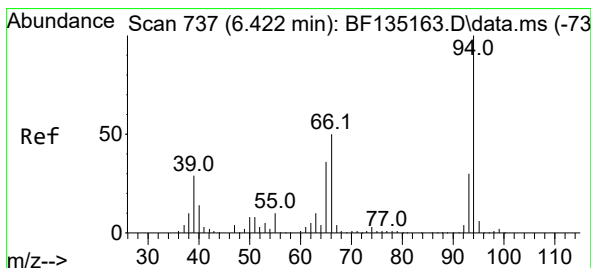
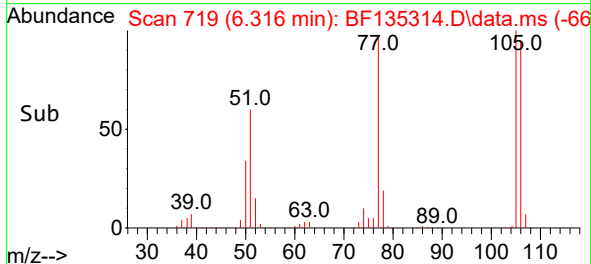
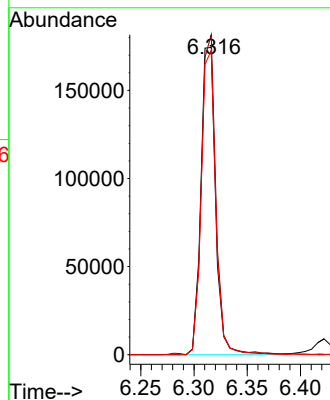
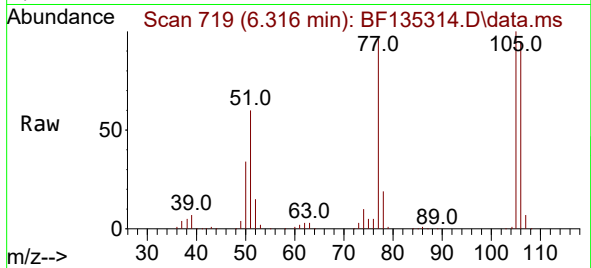




#9
Benzaldehyde
Concen: 32.726 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
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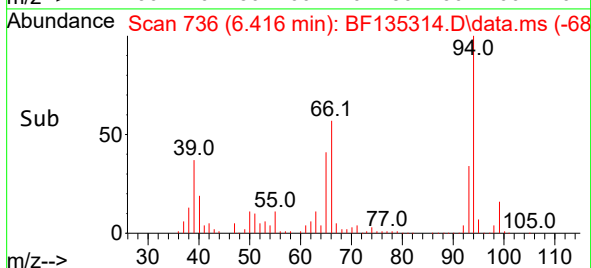
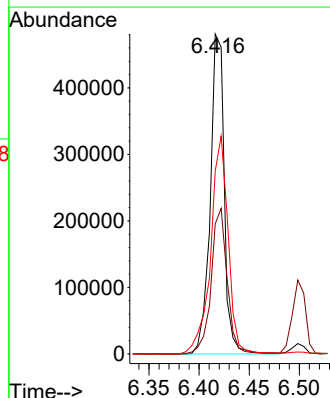
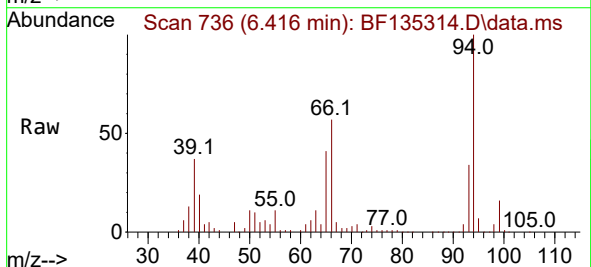
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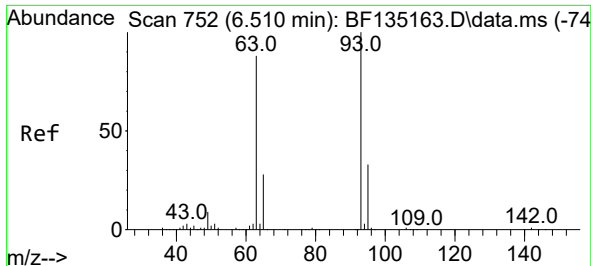
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Ion Ratio Lower Upper
77 100
105 104.2 81.4 121.4
106 99.0 76.9 116.9



#10
Phenol
Concen: 47.451 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion: 94 Resp: 470791
Ion Ratio Lower Upper
94 100
65 40.7 15.9 55.9
66 57.2 29.8 69.8

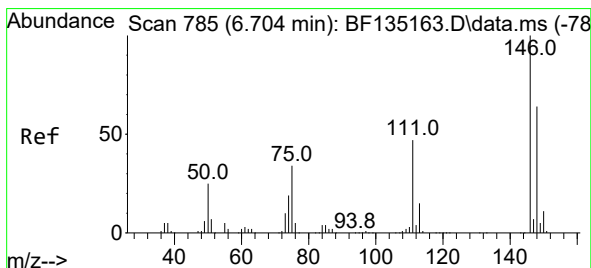
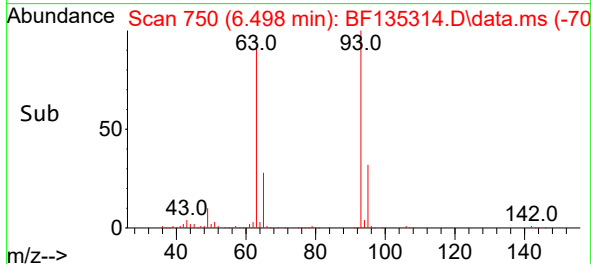
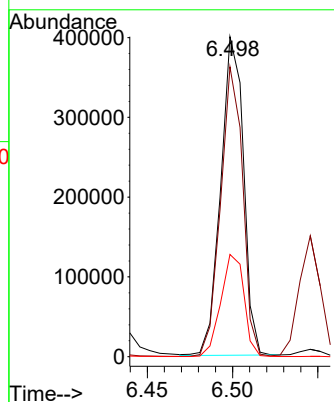
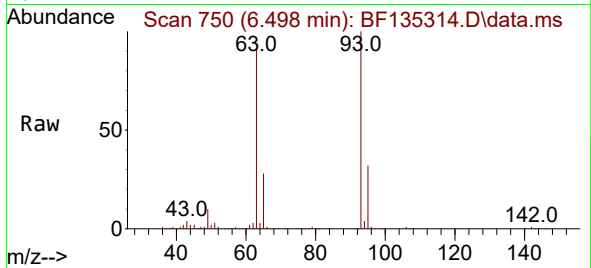




#11
bis(2-Chloroethyl)ether
Concen: 49.840 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

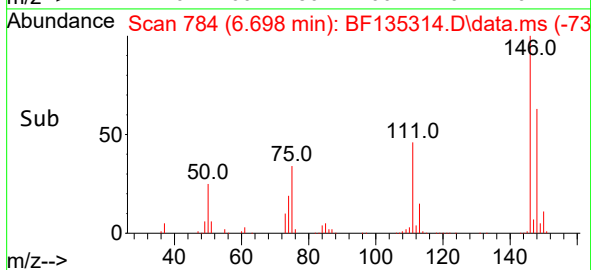
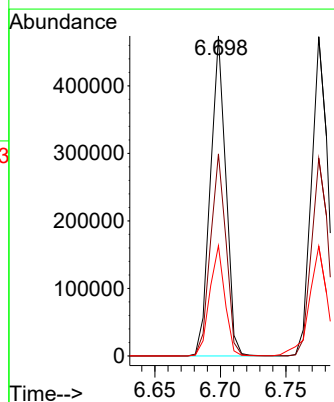
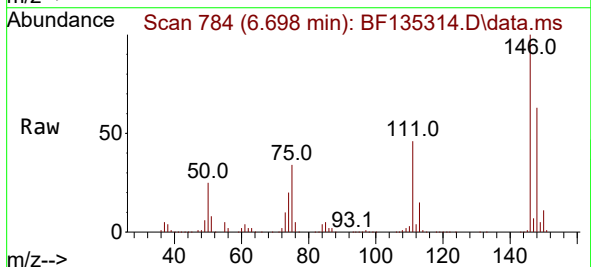
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

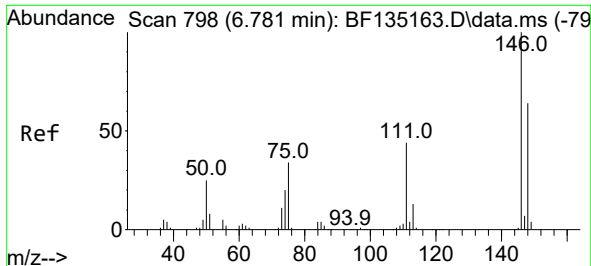
Tgt Ion: 93 Resp: 370926
Ion Ratio Lower Upper
93 100
63 90.6 67.3 107.3
95 32.0 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 50.398 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:146 Resp: 389071
Ion Ratio Lower Upper
146 100
148 63.1 51.3 76.9
75 34.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 51.037 ng

RT: 6.775 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

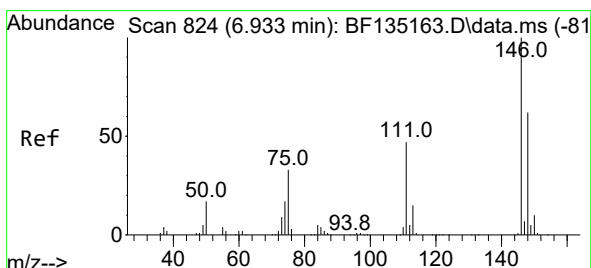
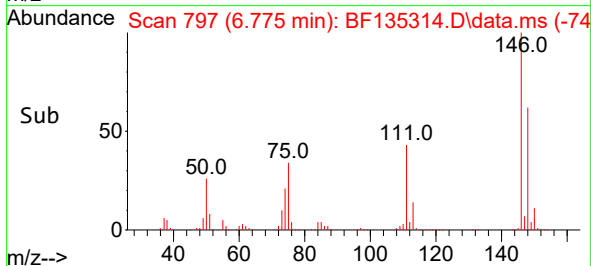
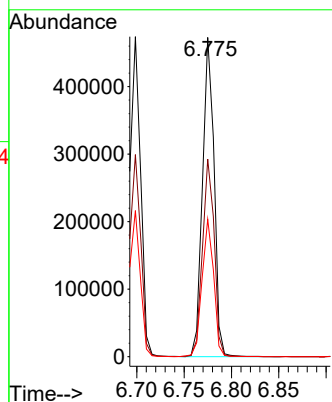
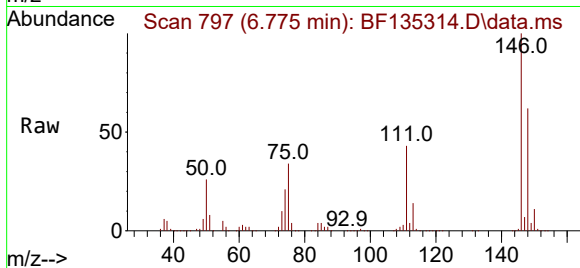
Tgt Ion:146 Resp: 400857

Ion Ratio Lower Upper

146 100

148 61.9 51.3 76.9

111 43.1 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 51.539 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

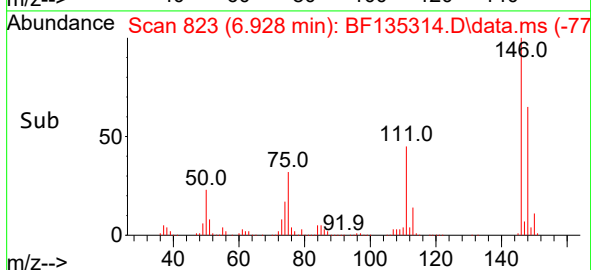
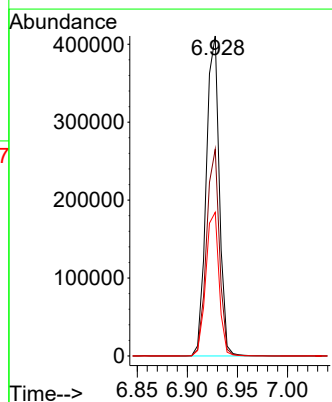
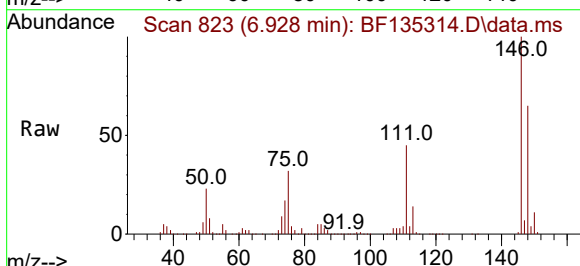
Tgt Ion:146 Resp: 375923

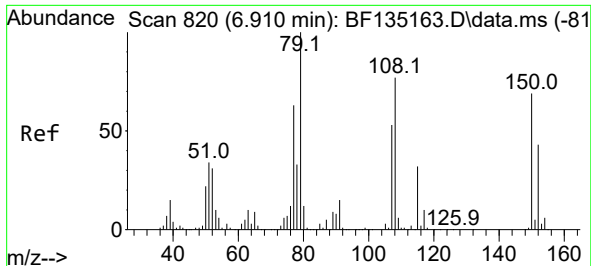
Ion Ratio Lower Upper

146 100

148 64.6 49.7 74.5

111 44.9 37.4 56.2





#15

Benzyl Alcohol

Concen: 51.236 ng

RT: 6.910 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

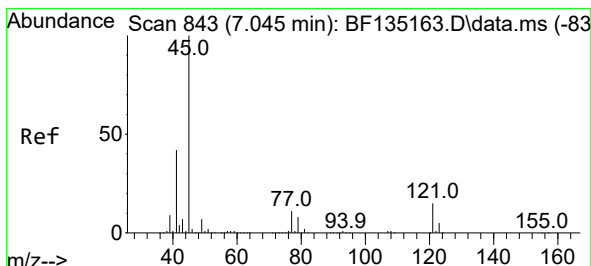
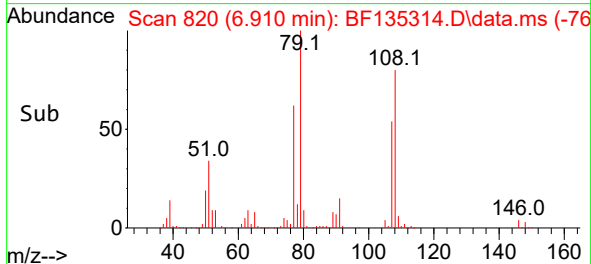
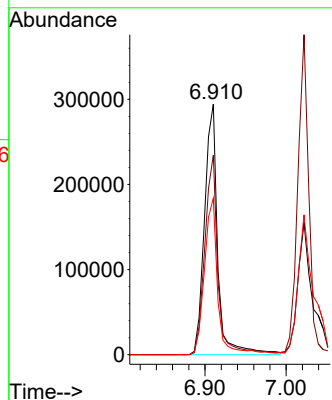
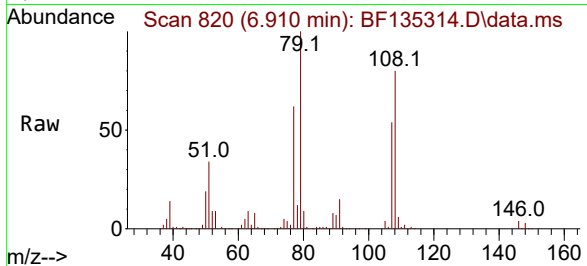
Tgt Ion: 79 Resp: 332668

Ion Ratio Lower Upper

79 100

108 79.6 61.2 91.8

77 62.4 50.5 75.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.628 ng

RT: 7.034 min Scan# 841

Delta R.T. -0.011 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

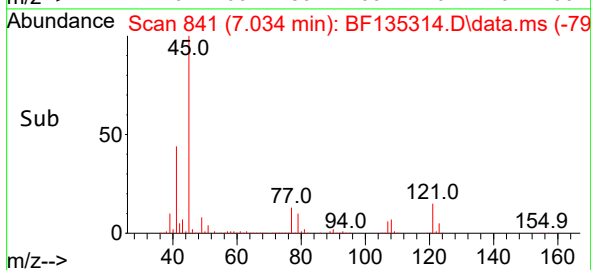
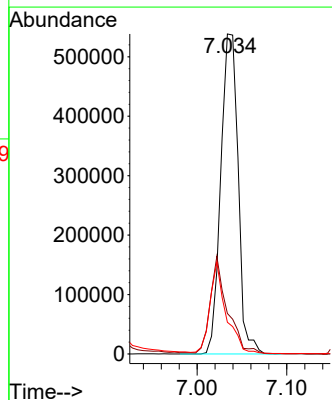
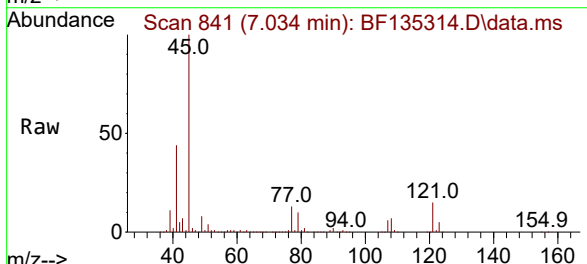
Tgt Ion: 45 Resp: 724253

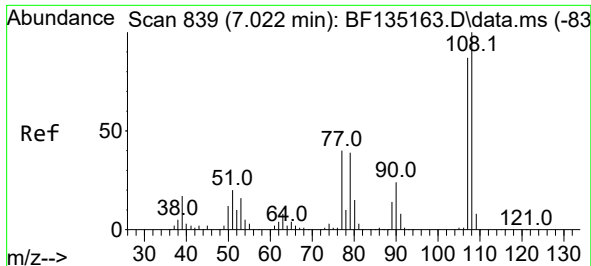
Ion Ratio Lower Upper

45 100

77 12.6 0.0 30.6

79 9.9 0.0 28.3

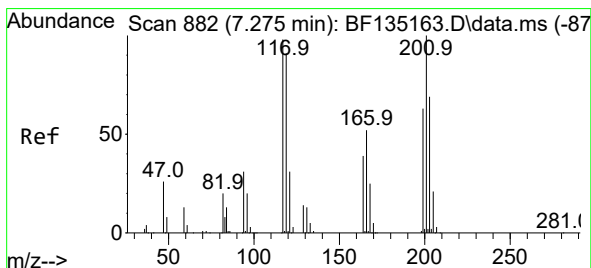
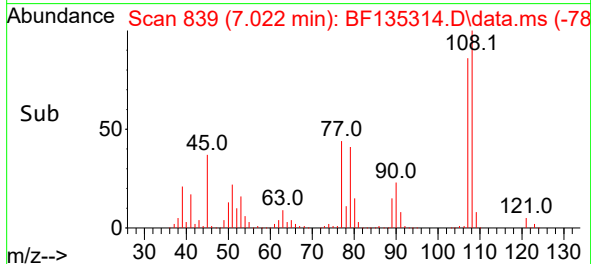
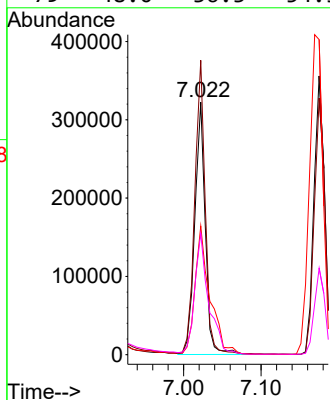
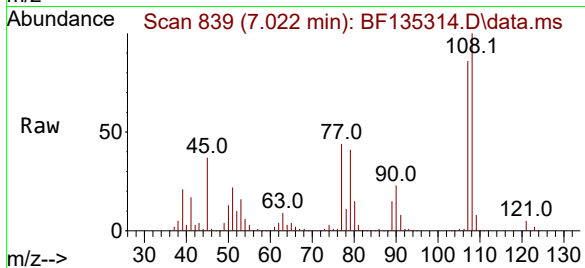




#17
2-Methylphenol
Concen: 45.600 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

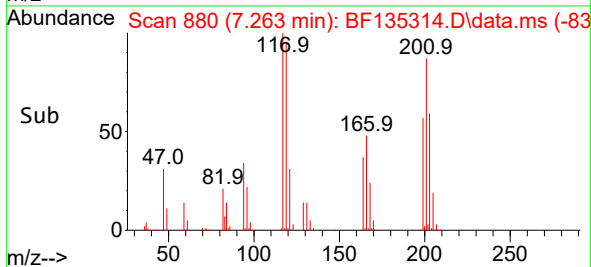
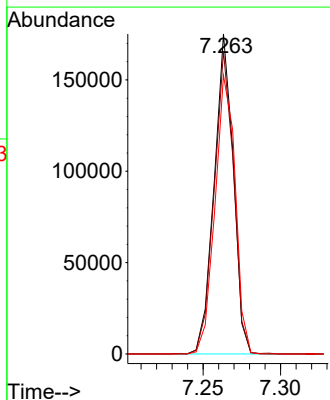
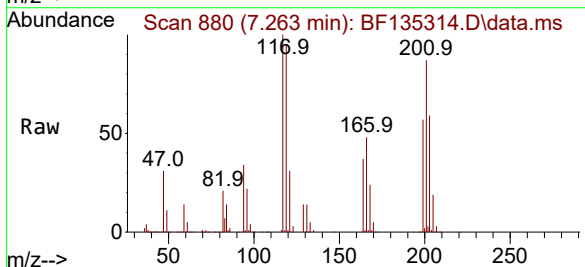
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

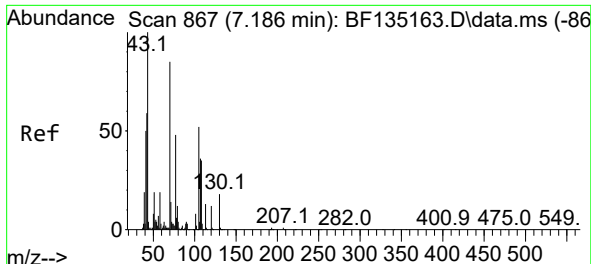
Tgt Ion:107 Resp: 305669
Ion Ratio Lower Upper
107 100
108 116.6 92.0 138.0
77 51.0 36.7 55.1
79 48.0 36.3 54.5



#18
Hexachloroethane
Concen: 51.948 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.011 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:117 Resp: 150756
Ion Ratio Lower Upper
117 100
119 94.7 74.7 112.1
201 87.1 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 45.107 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.011 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

Tgt Ion: 70 Resp: 252799

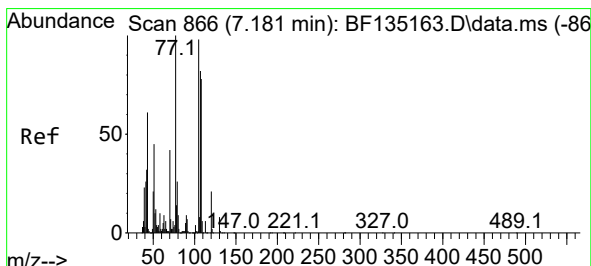
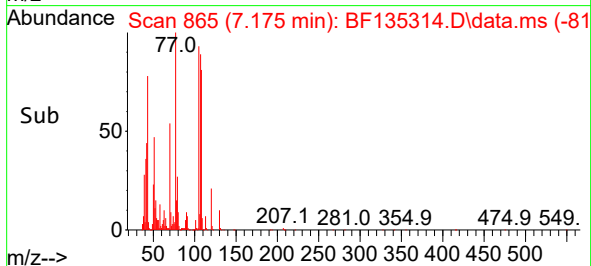
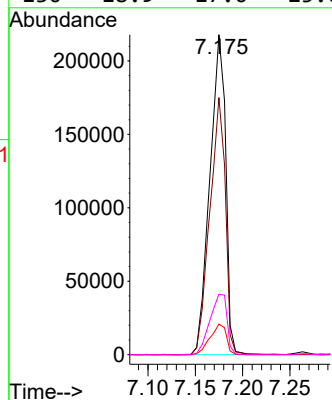
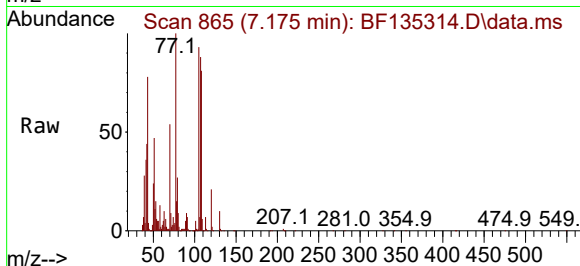
Ion Ratio Lower Upper

70 100

42 80.4 55.4 83.0

101 9.6 7.7 11.5

130 18.9 17.0 25.6



#20

3+4-Methylphenols

Concen: 43.413 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

Tgt Ion: 107 Resp: 349928

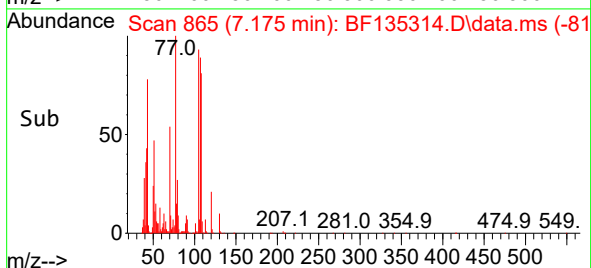
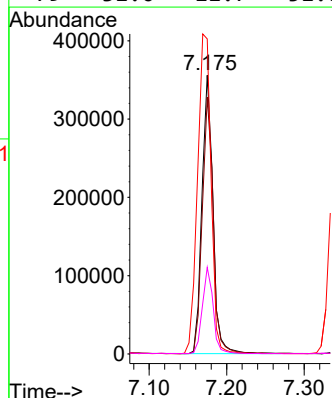
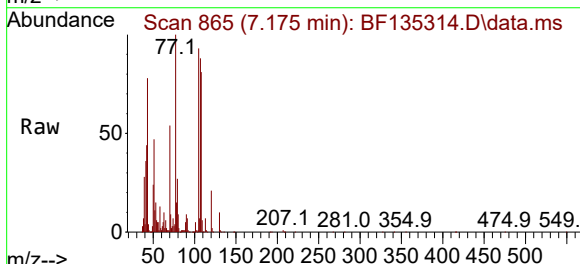
Ion Ratio Lower Upper

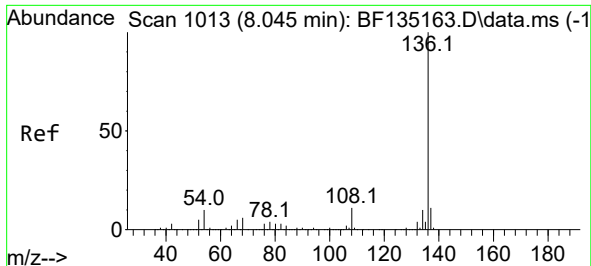
107 100

108 92.1 74.7 114.7

77 113.0 102.0 142.0

79 31.0 11.7 51.7

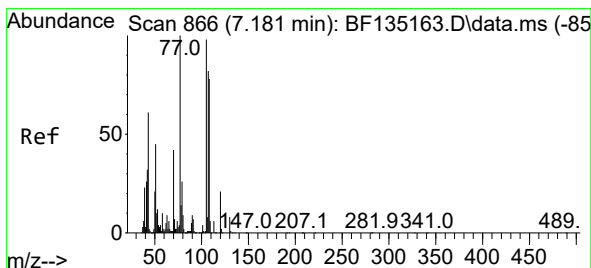
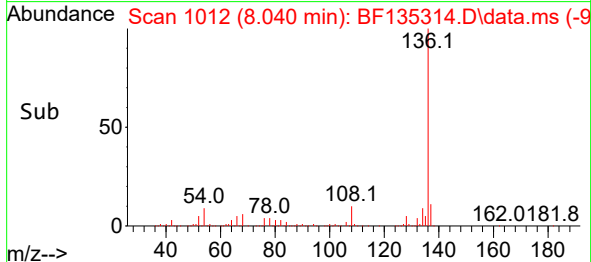
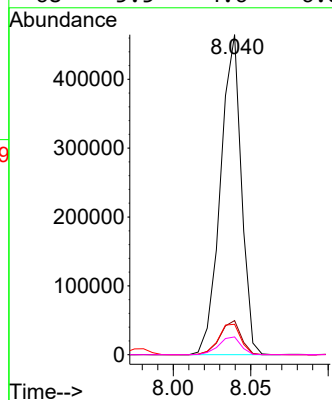
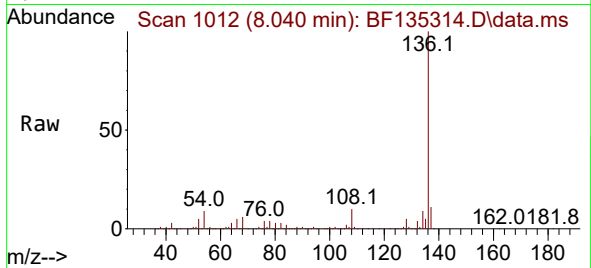




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

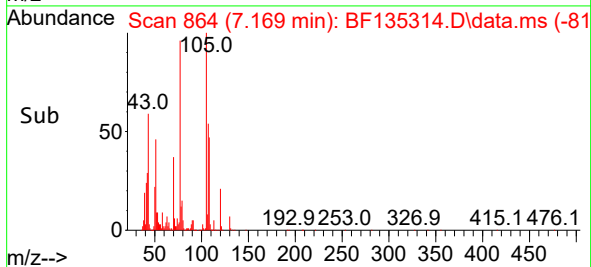
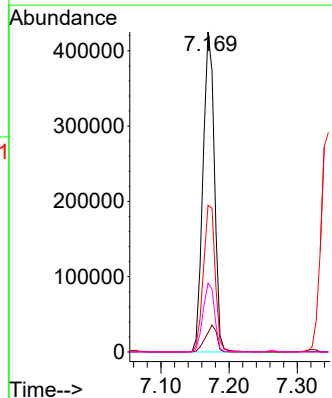
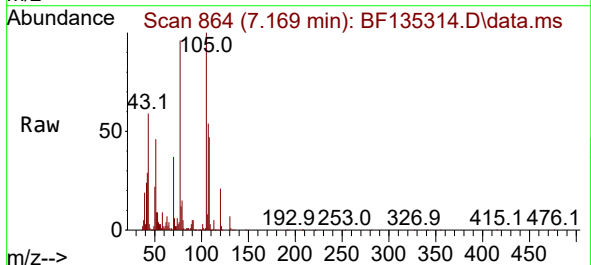
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

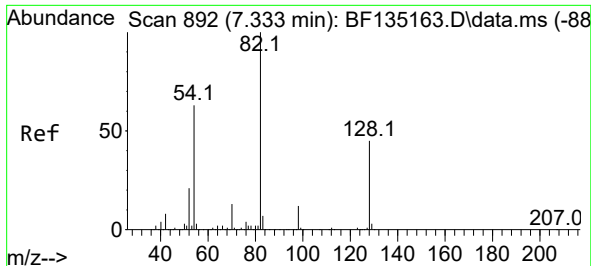
Tgt Ion:136 Resp: 435462
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.5 7.7 11.5
68 5.5 4.6 6.8



#22
Acetophenone
Concen: 49.986 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.011 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:105 Resp: 497651
Ion Ratio Lower Upper
105 100
71 6.0 5.8 8.6
51 45.9 37.0 55.4
120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 53.150 ng

RT: 7.322 min Scan# 890

Delta R.T. -0.011 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

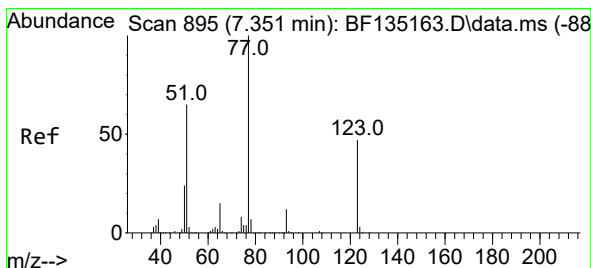
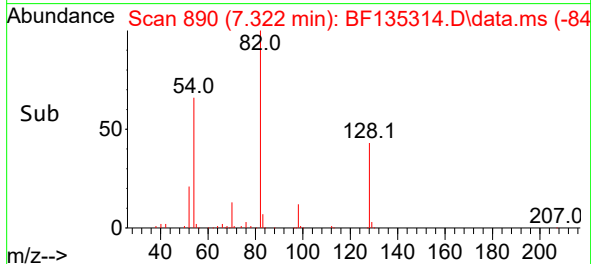
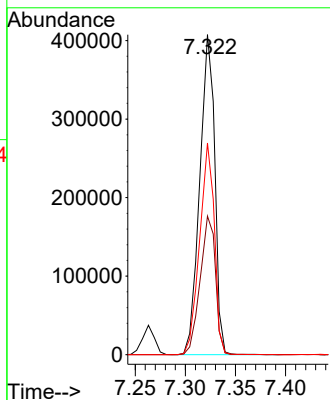
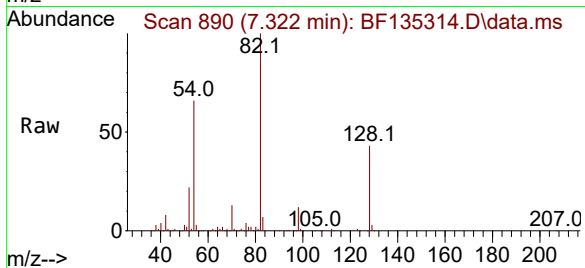
Tgt Ion: 82 Resp: 426008

Ion Ratio Lower Upper

82 100

128 43.3 35.8 53.6

54 66.1 50.6 76.0



#24

Nitrobenzene

Concen: 51.529 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

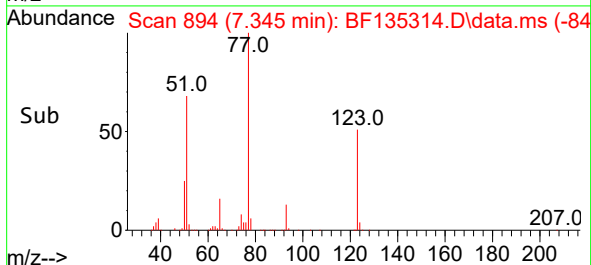
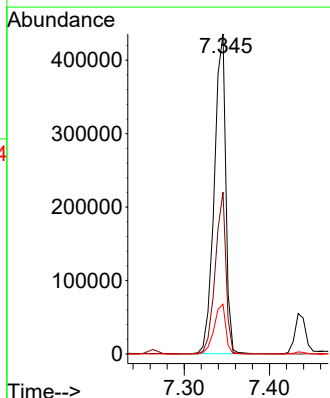
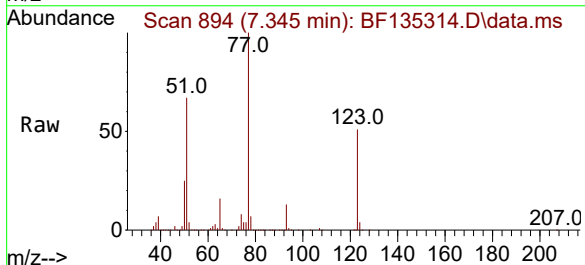
Tgt Ion: 77 Resp: 408220

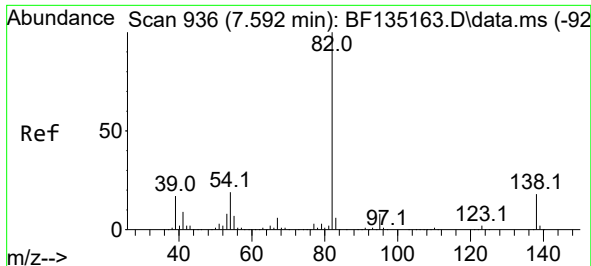
Ion Ratio Lower Upper

77 100

123 50.6 37.6 56.4

65 15.6 12.2 18.4

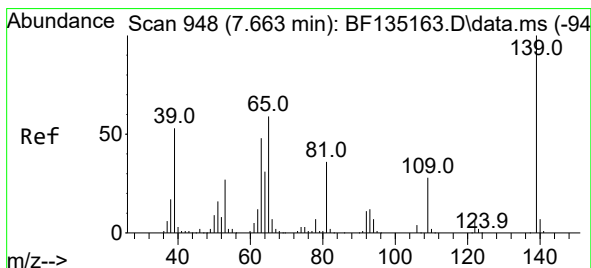
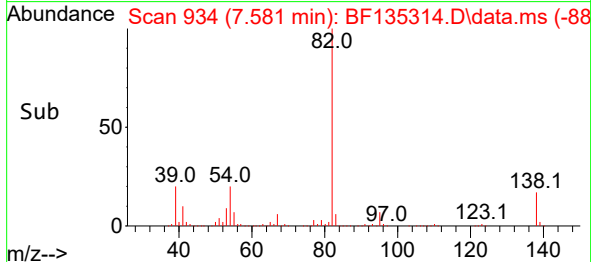
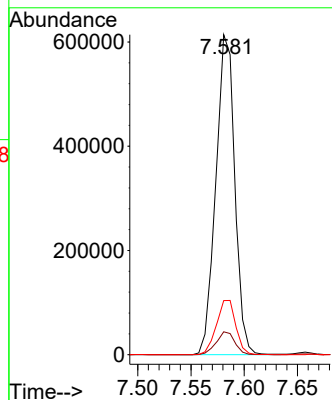
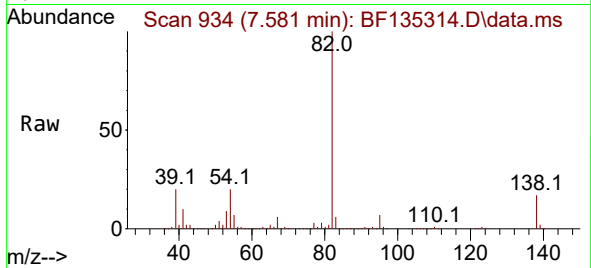




#25
Isophorone
Concen: 51.494 ng
RT: 7.581 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

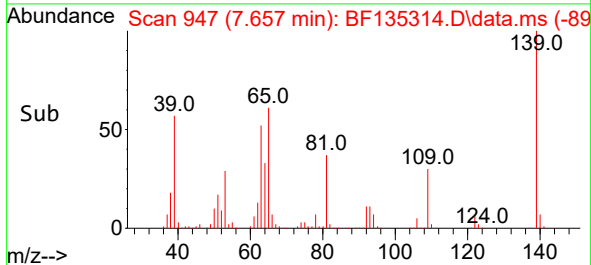
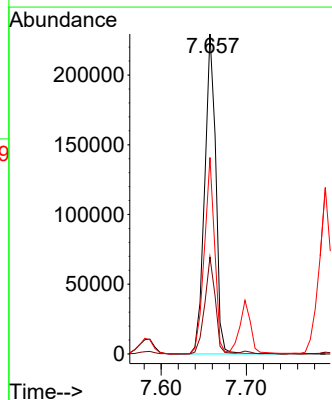
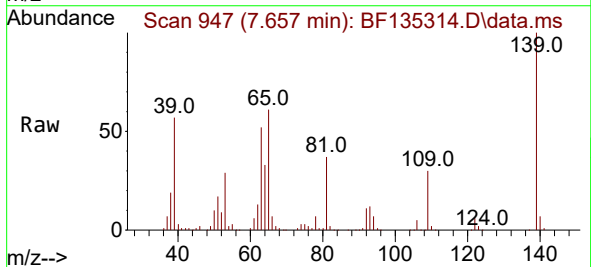
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

Tgt Ion: 82 Resp: 757888
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 16.9 14.5 21.7



#26
2-Nitrophenol
Concen: 54.387 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:139 Resp: 206793
Ion Ratio Lower Upper
139 100
109 30.3 22.6 33.8
65 61.4 47.0 70.4

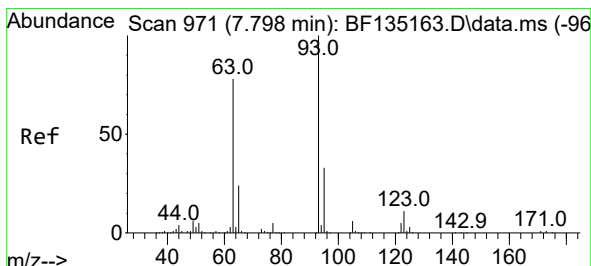
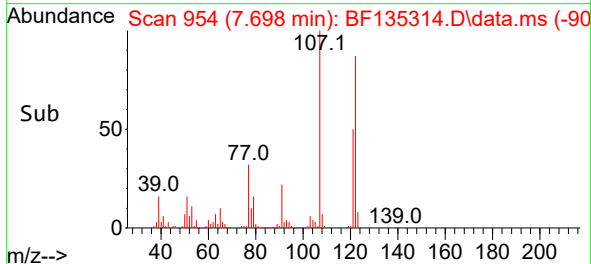
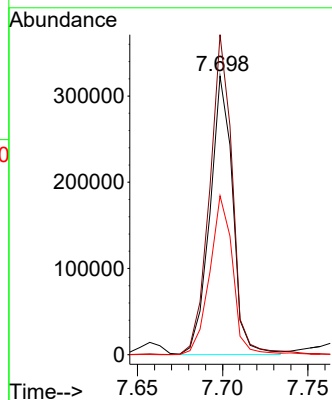
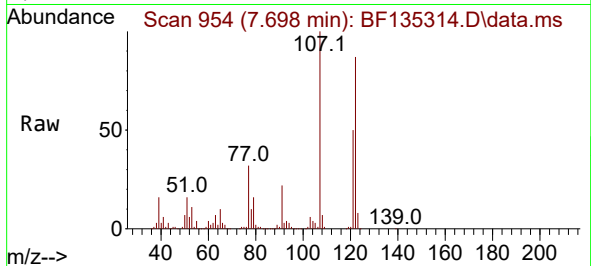




#27
2,4-Dimethylphenol
Concen: 47.038 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

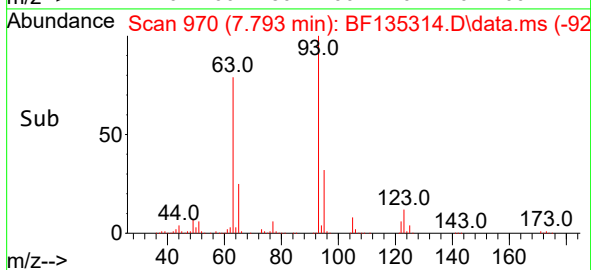
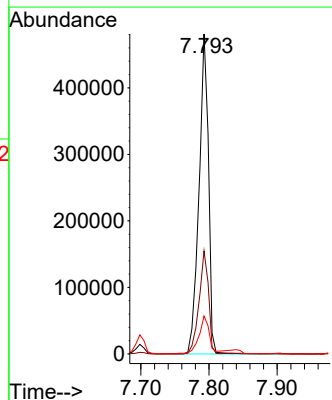
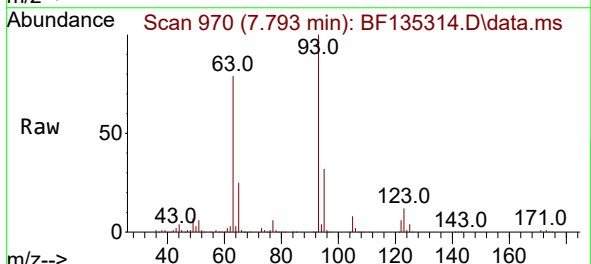
Instrument :
BNA_F
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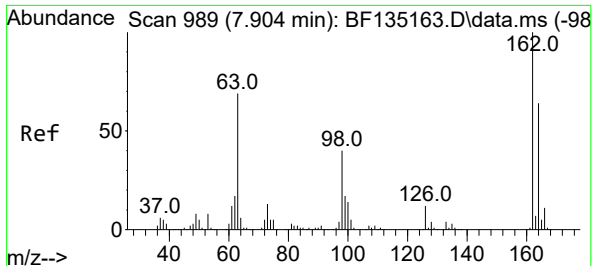
Tgt Ion:122 Resp: 300627
Ion Ratio Lower Upper
122 100
107 114.9 90.2 135.4
121 57.1 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 52.546 ng
RT: 7.793 min Scan# 970
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

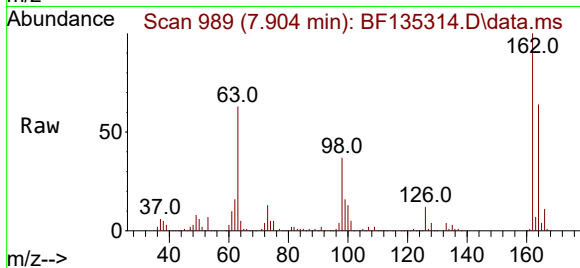
Tgt Ion: 93 Resp: 462892
Ion Ratio Lower Upper
93 100
95 32.2 26.2 39.2
123 11.8 8.8 13.2





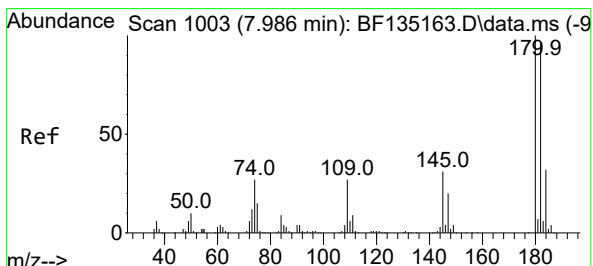
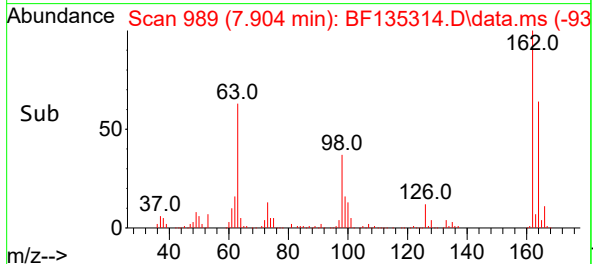
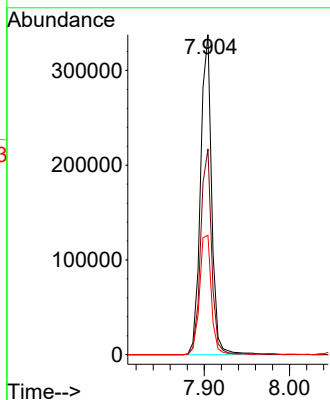
#29
2,4-Dichlorophenol
Concen: 51.807 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



Tgt Ion:162 Resp: 306806

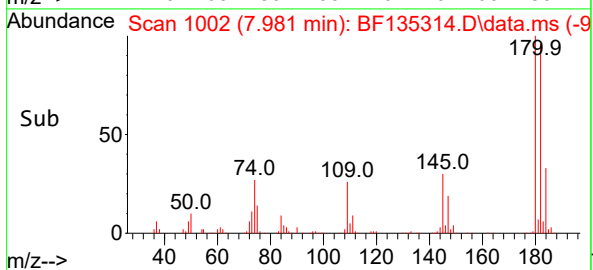
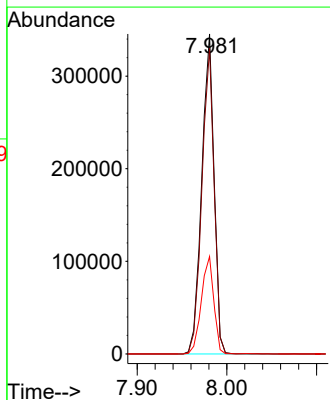
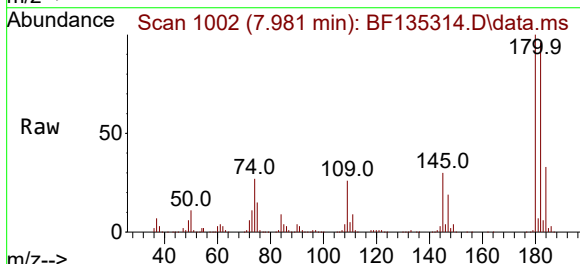
Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.1	84.1
98	37.3	20.3	60.3

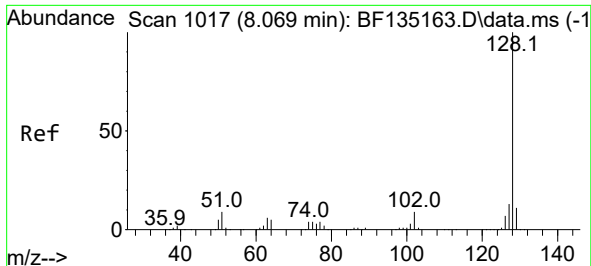


#30
1,2,4-Trichlorobenzene
Concen: 53.287 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:180 Resp: 329842

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.9	115.3
145	30.4	24.5	36.7

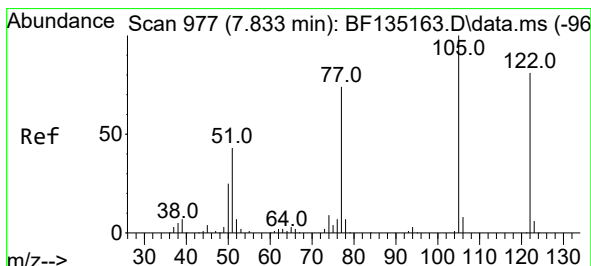
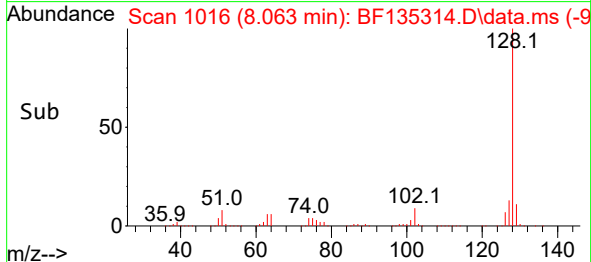
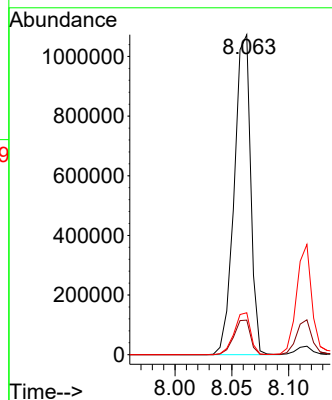
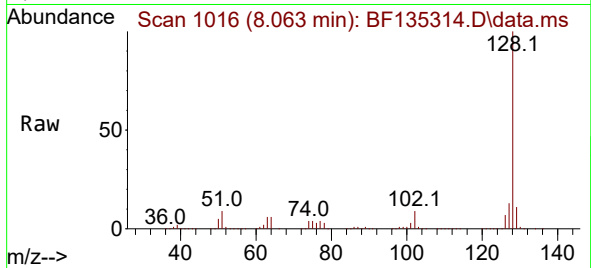




#31
Naphthalene
Concen: 50.703 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

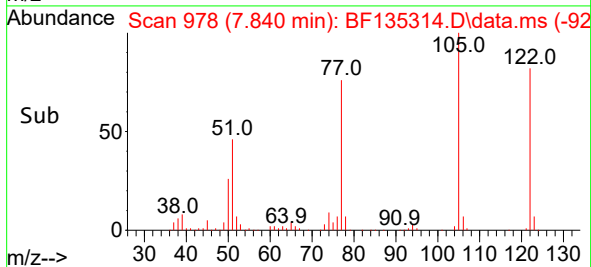
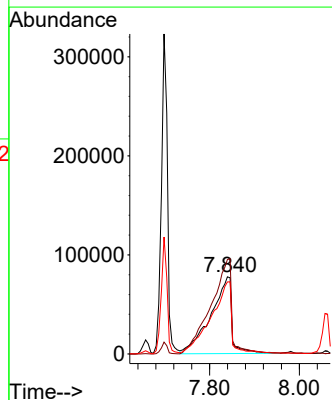
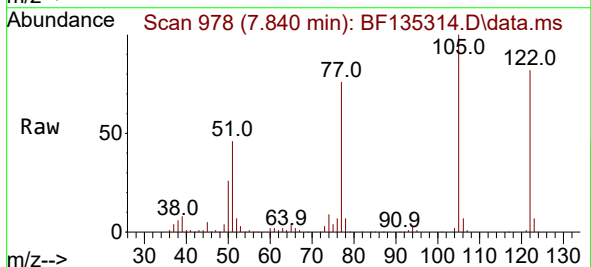
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

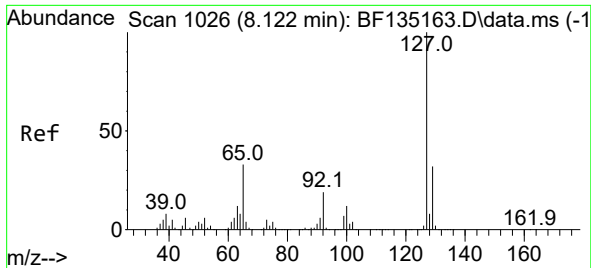
Tgt Ion:128 Resp: 1072757
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 52.820 ng
RT: 7.840 min Scan# 978
Delta R.T. 0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:122 Resp: 254201
Ion Ratio Lower Upper
122 100
105 122.6 99.9 139.9
77 93.4 70.0 110.0

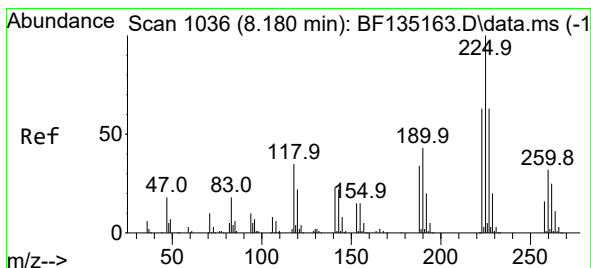
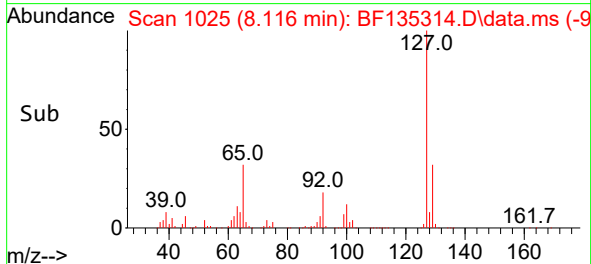
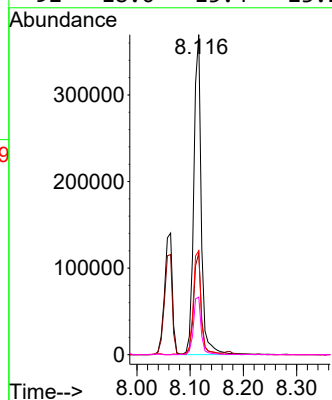
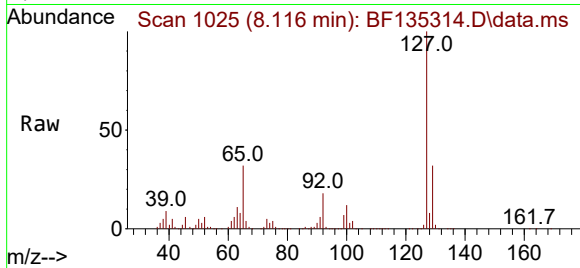




#33
4-Chloroaniline
Concen: 39.037 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

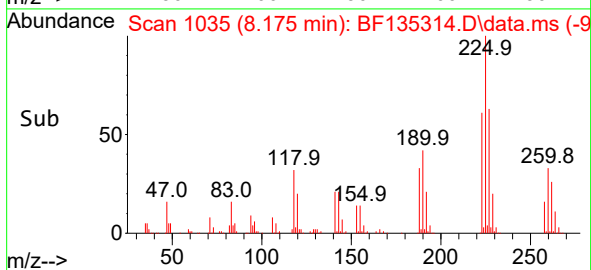
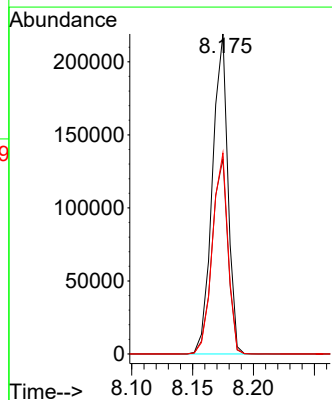
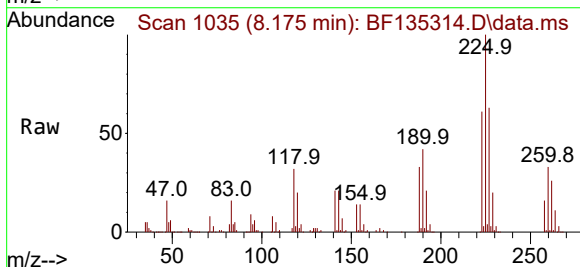
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

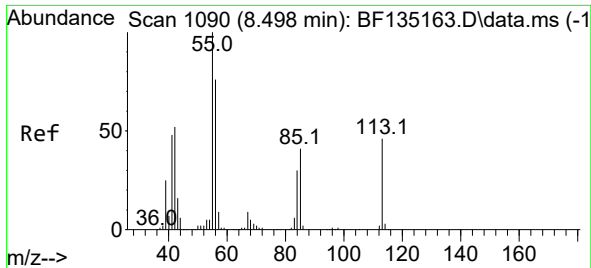
Tgt Ion:	127	Resp:	362375
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.8	38.8
65	32.5	26.6	39.8
92	18.0	15.4	23.2



#34
Hexachlorobutadiene
Concen: 51.878 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:	225	Resp:	193632
Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.6	75.8
227	62.8	50.8	76.2

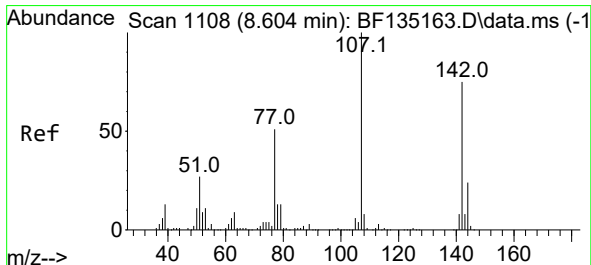
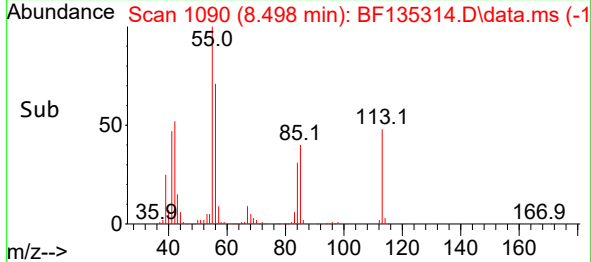
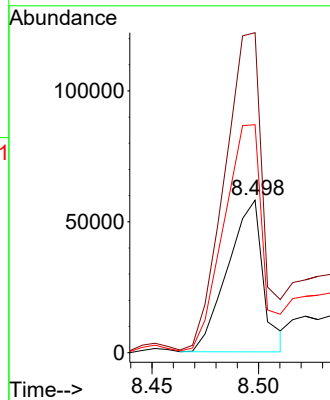
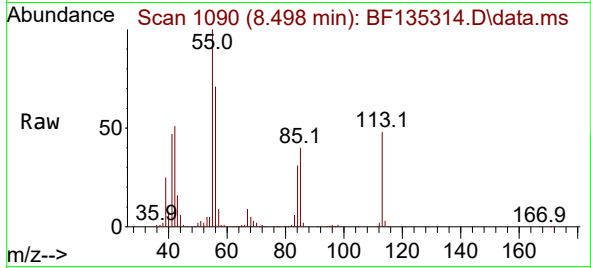




#35
 Caprolactam
 Concen: 33.758 ng
 RT: 8.498 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: BF135314.D
 Acq: 18 Sep 2023 19:13

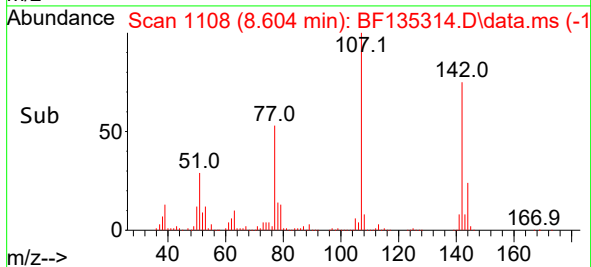
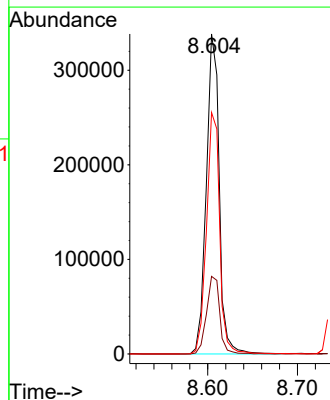
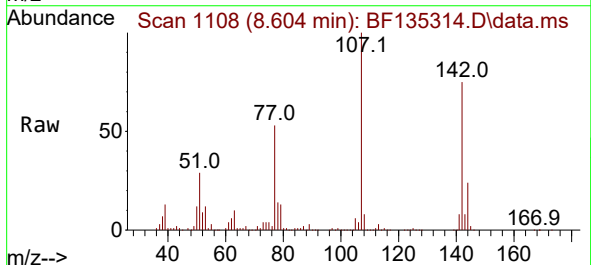
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-5-23-EPHMSD

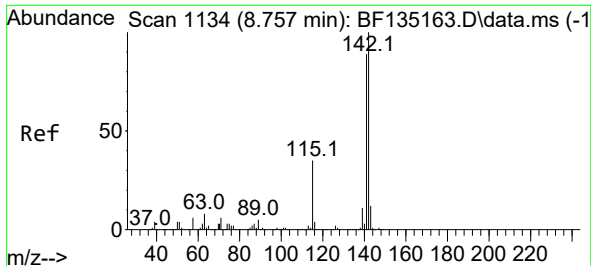
Tgt Ion:113 Resp: 67096
 Ion Ratio Lower Upper
 113 100
 55 209.8 199.3 239.3
 56 149.5 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 51.340 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF135314.D
 Acq: 18 Sep 2023 19:13

Tgt Ion:107 Resp: 337916
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.0 28.4
 142 75.4 60.2 90.2

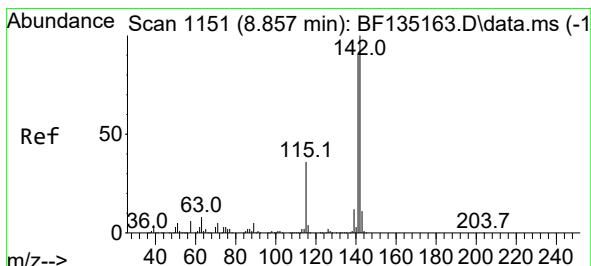
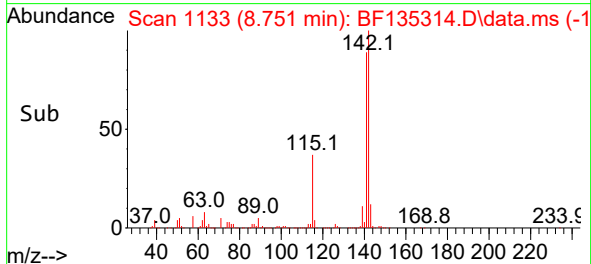
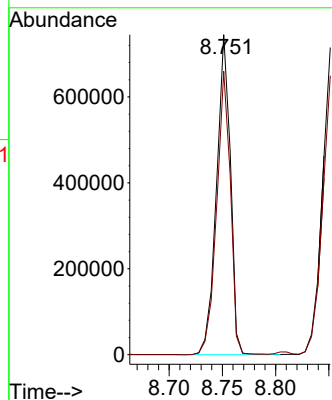
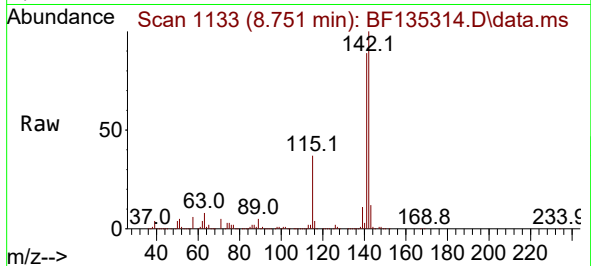




#37
2-Methylnaphthalene
Concen: 47.292 ng
RT: 8.751 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

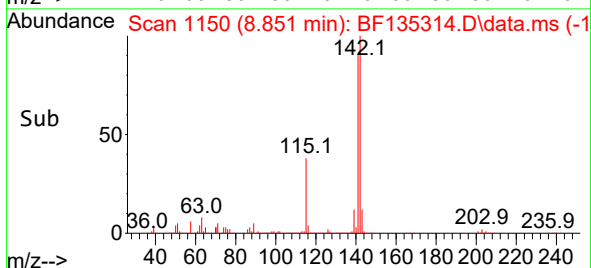
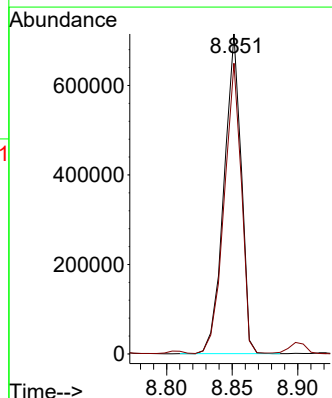
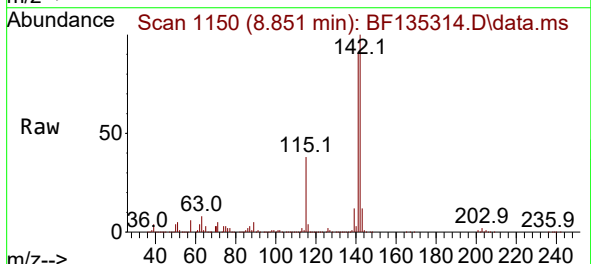
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

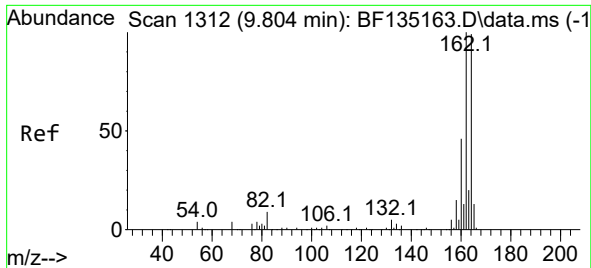
Tgt Ion:142 Resp: 672593
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.6



#38
1-Methylnaphthalene
Concen: 48.825 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:142 Resp: 650125
Ion Ratio Lower Upper
142 100
141 90.8 72.4 108.6

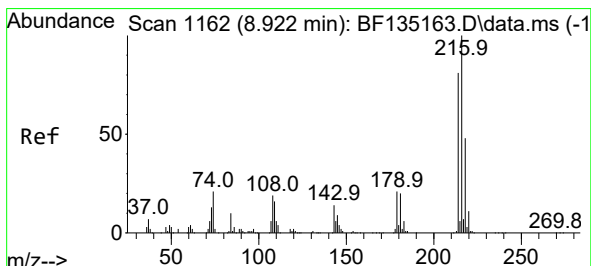
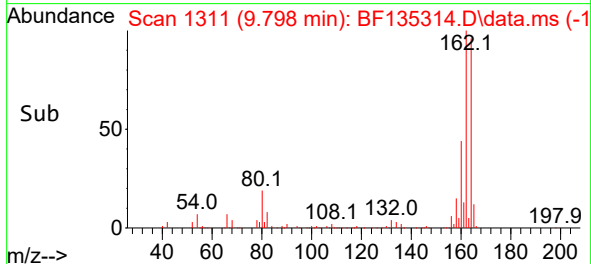
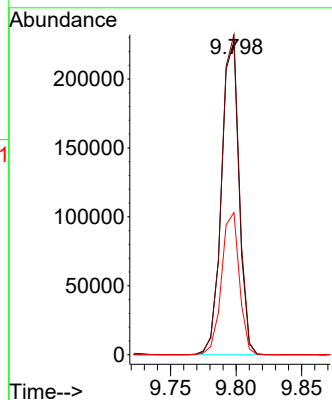
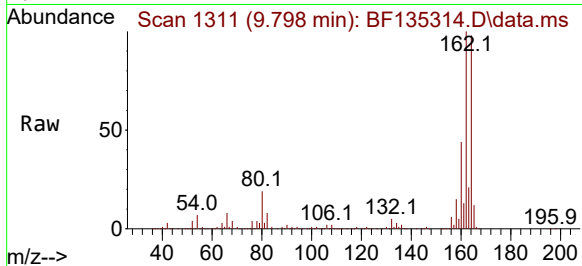




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

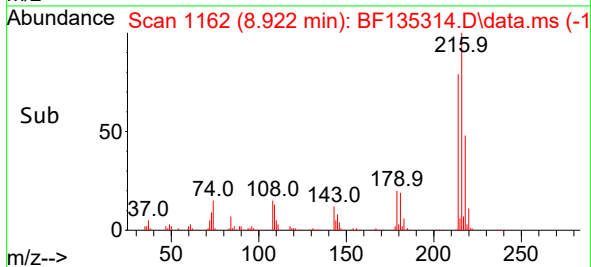
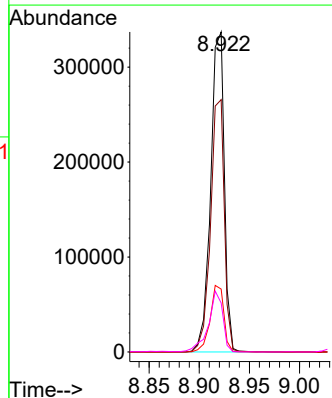
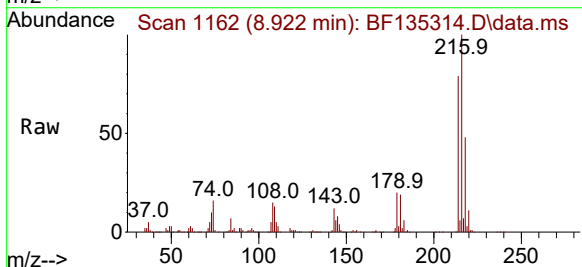
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

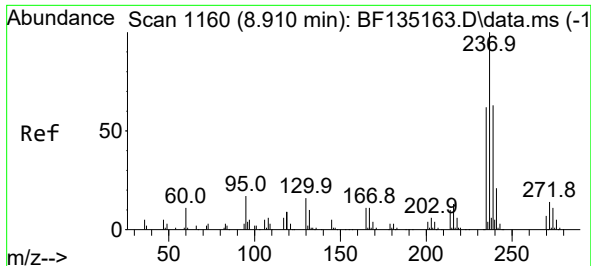
Tgt Ion:164 Resp: 211487
Ion Ratio Lower Upper
164 100
162 102.1 81.0 121.4
160 45.3 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.330 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:216 Resp: 320621
Ion Ratio Lower Upper
216 100
214 79.4 63.7 95.5
179 20.8 16.7 25.1
108 20.0 14.9 22.3

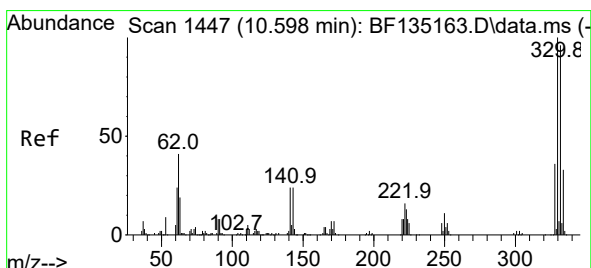
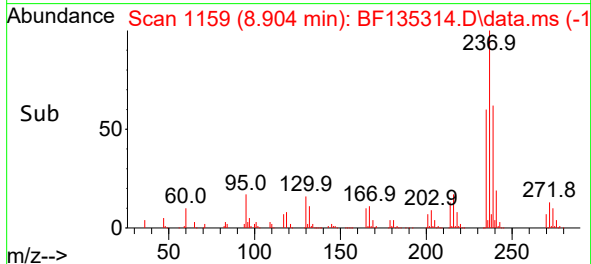
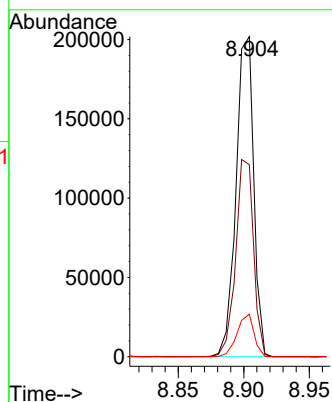
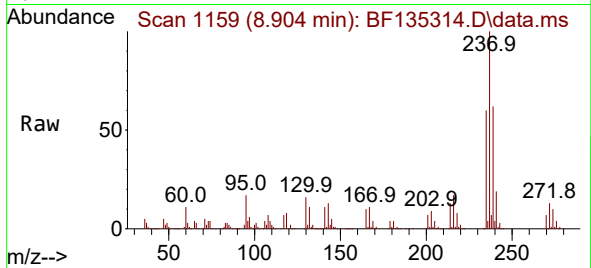




#41
Hexachlorocyclopentadiene
Concen: 71.304 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

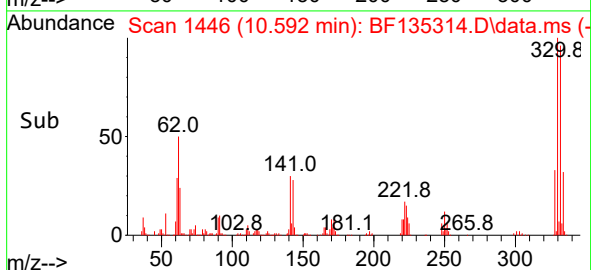
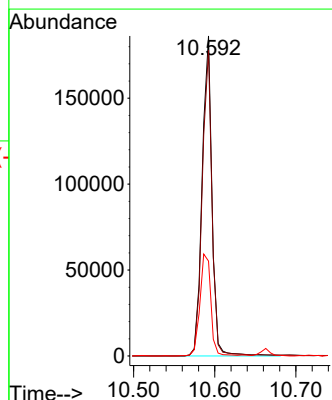
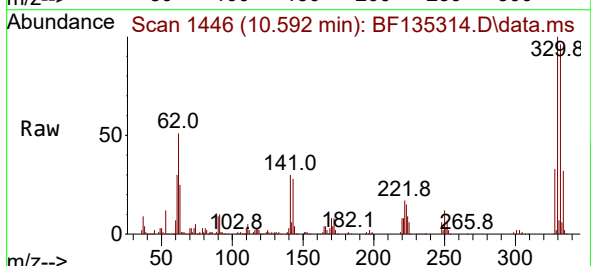
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

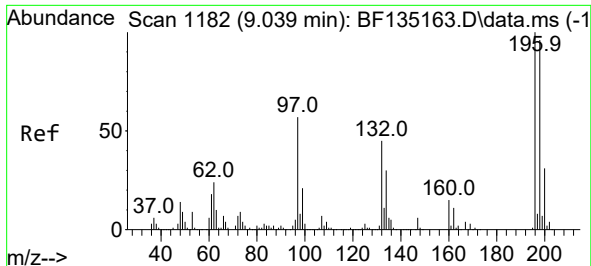
Tgt Ion: 237 Resp: 190113
Ion Ratio Lower Upper
237 100
235 60.0 41.8 81.8
272 13.3 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 74.956 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion: 330 Resp: 157533
Ion Ratio Lower Upper
330 100
332 94.4 77.3 115.9
141 35.5 25.8 38.8

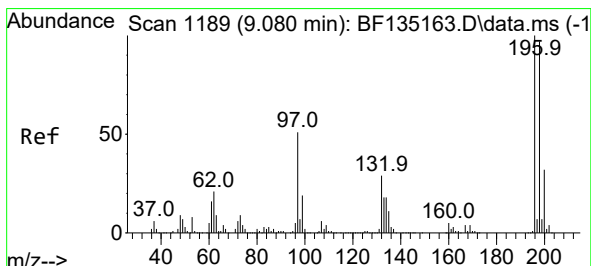
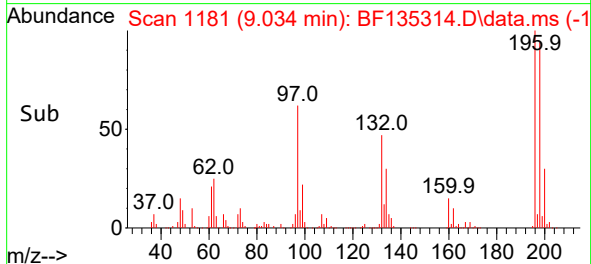
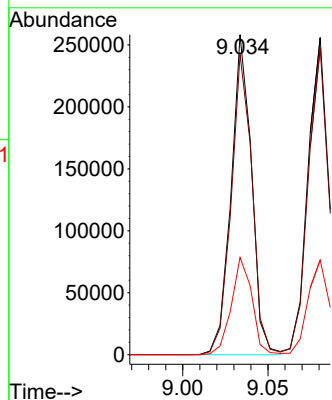
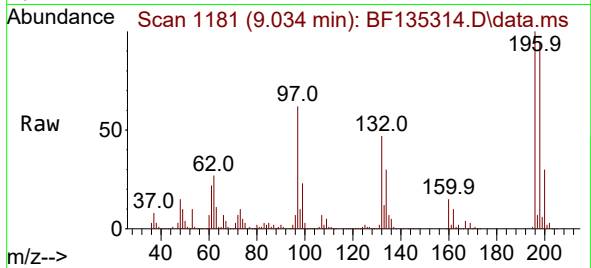




#43
2,4,6-Trichlorophenol
Concen: 53.832 ng
RT: 9.034 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

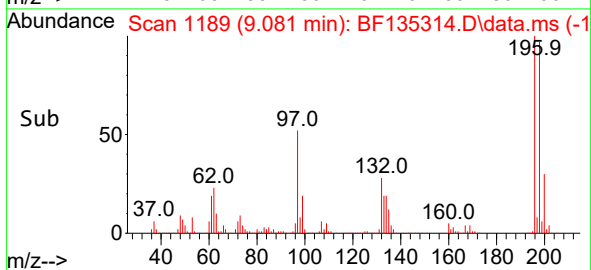
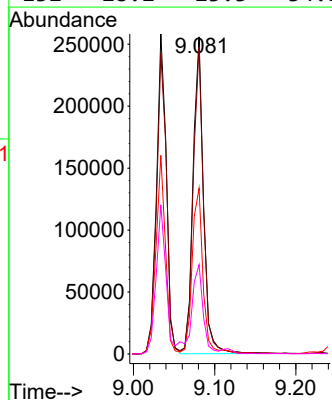
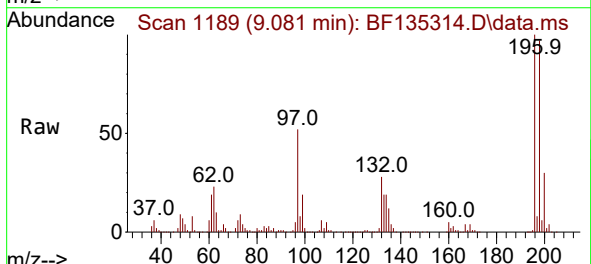
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

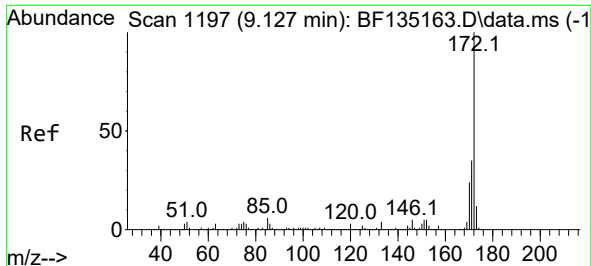
Tgt Ion:196 Resp: 215950
Ion Ratio Lower Upper
196 100
198 93.9 77.0 115.6
200 30.4 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 49.896 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:196 Resp: 230508
Ion Ratio Lower Upper
196 100
198 96.8 77.5 116.3
97 52.2 40.5 60.7
132 28.2 23.3 34.9

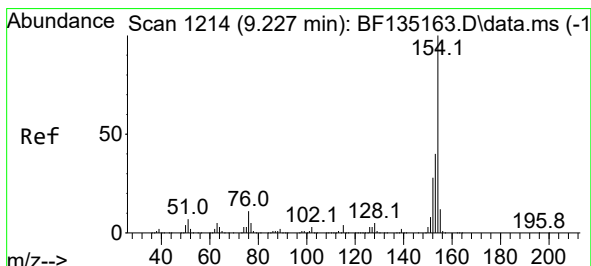
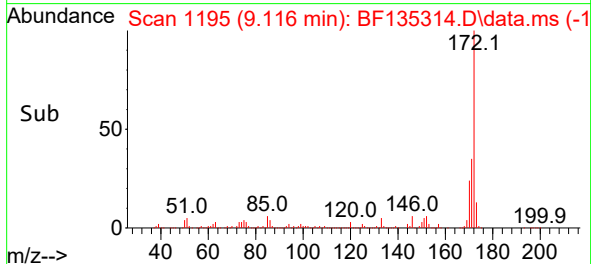
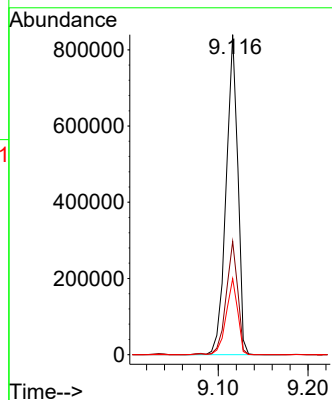
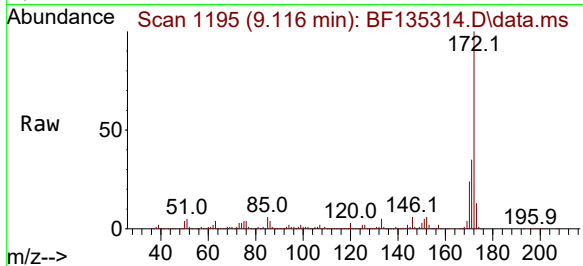




#45
2-Fluorobiphenyl
Concen: 54.056 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.011 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

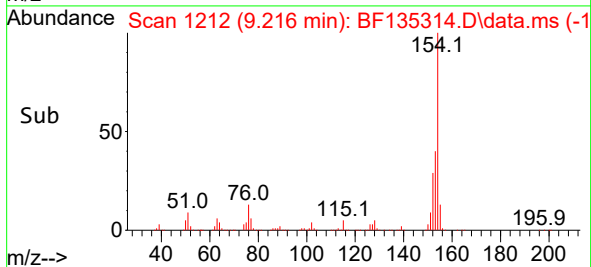
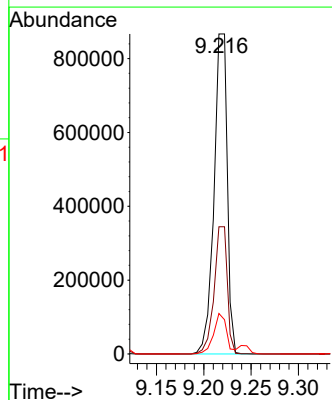
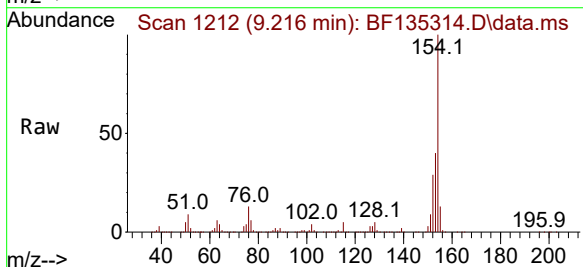
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

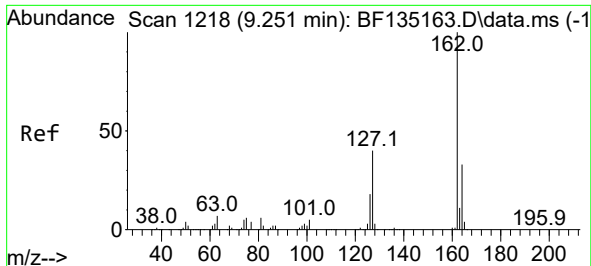
Tgt Ion:172 Resp: 757733
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.8 19.0 28.4



#46
1,1'-Biphenyl
Concen: 51.757 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.011 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:154 Resp: 841182
Ion Ratio Lower Upper
154 100
153 39.8 19.6 59.6
76 12.7 0.0 31.0

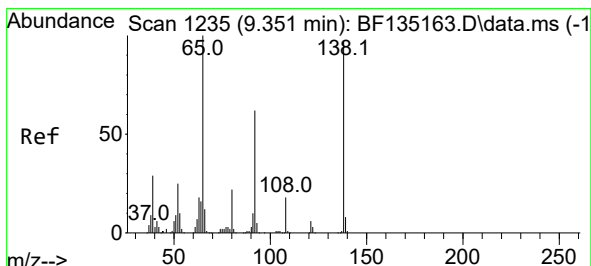
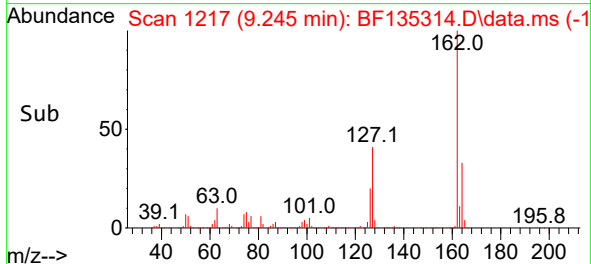
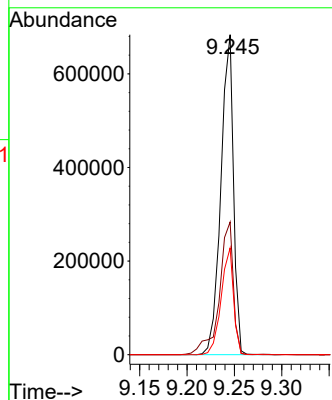
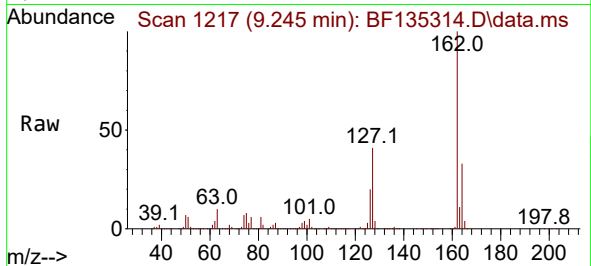




#47
2-Chloronaphthalene
Concen: 53.774 ng
RT: 9.245 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

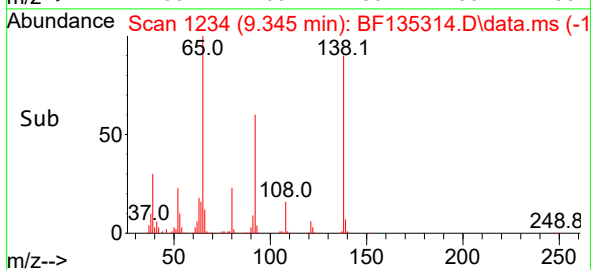
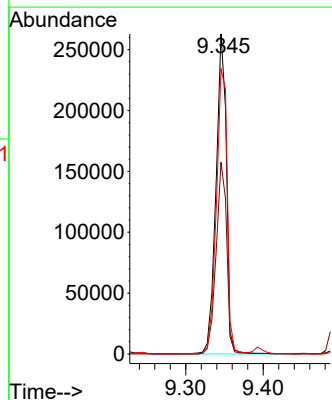
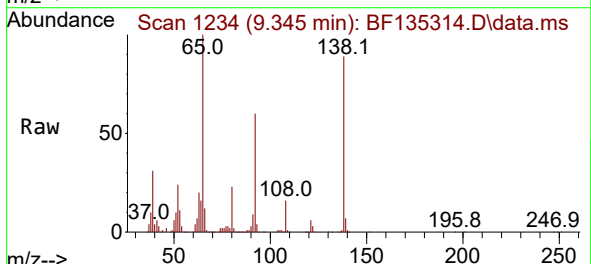
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

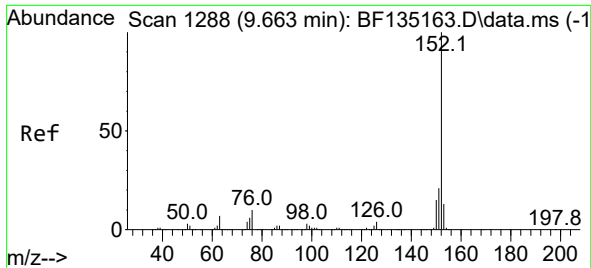
Tgt Ion:162 Resp: 634114
Ion Ratio Lower Upper
162 100
127 41.4 32.6 48.8
164 33.4 26.2 39.2



#48
2-Nitroaniline
Concen: 53.928 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion: 65 Resp: 247055
Ion Ratio Lower Upper
65 100
92 59.9 49.4 74.0
138 89.0 77.4 116.0





#49

Acenaphthylene

Concen: 52.770 ng

RT: 9.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

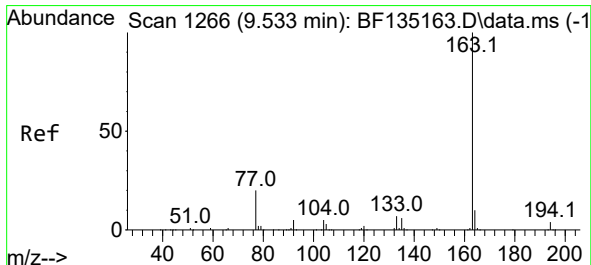
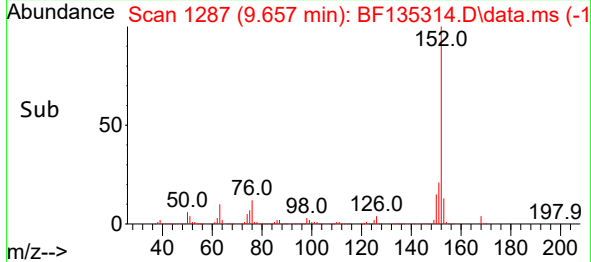
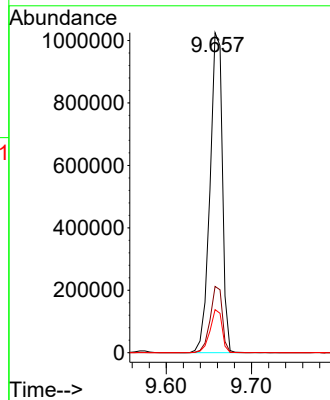
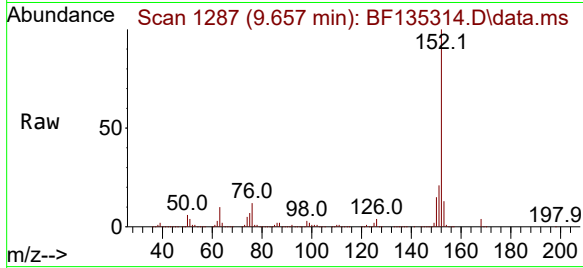
Tgt Ion:152 Resp: 1034164

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

153 13.5 10.4 15.6



#50

Dimethylphthalate

Concen: 52.926 ng

RT: 9.528 min Scan# 1265

Delta R.T. -0.005 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

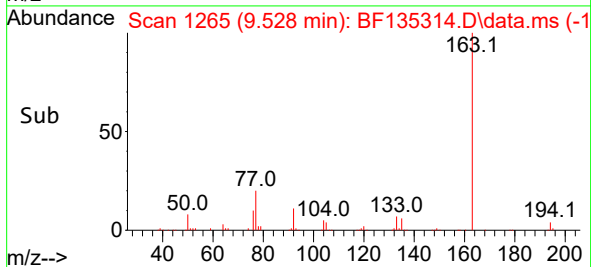
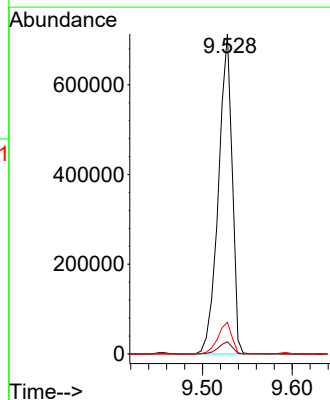
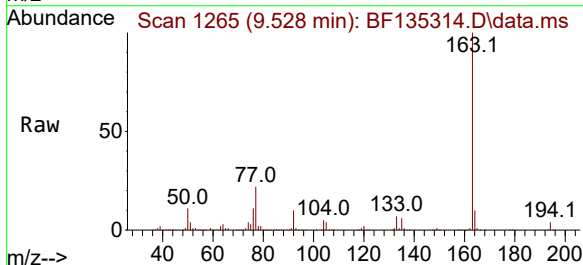
Tgt Ion:163 Resp: 756769

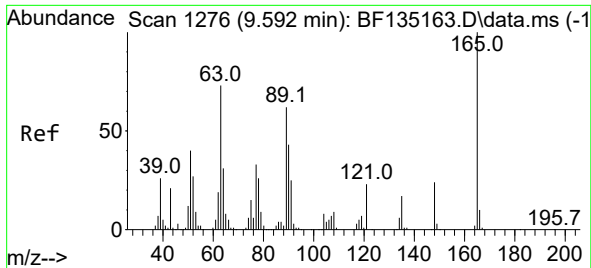
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 9.9 8.1 12.1

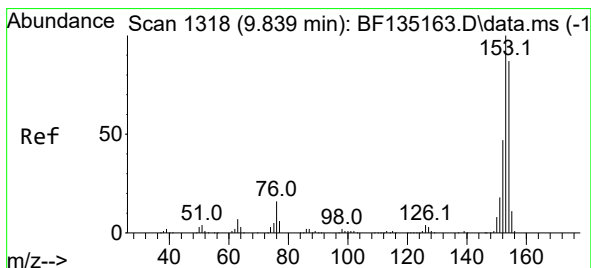
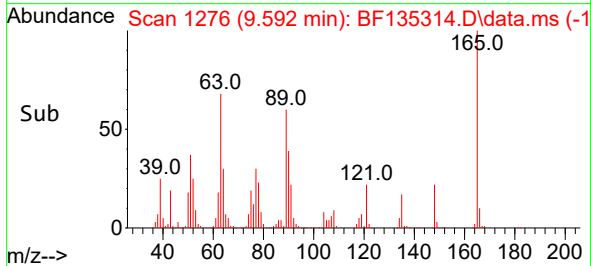
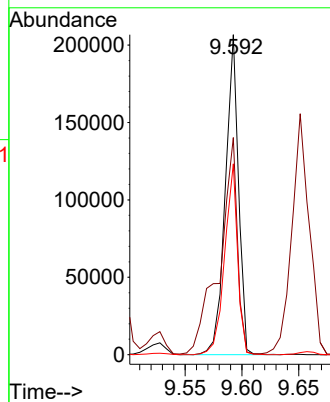
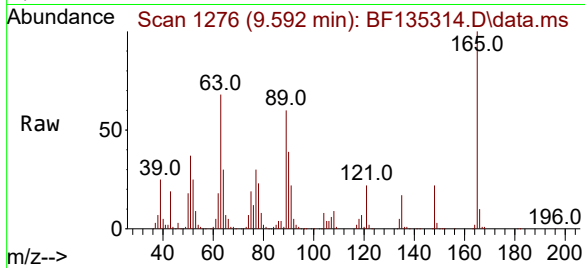




#51
2,6-Dinitrotoluene
Concen: 53.250 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

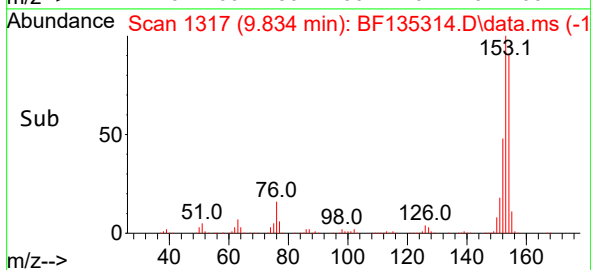
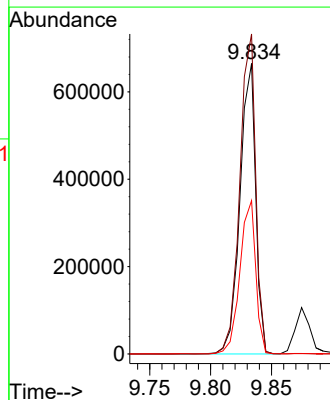
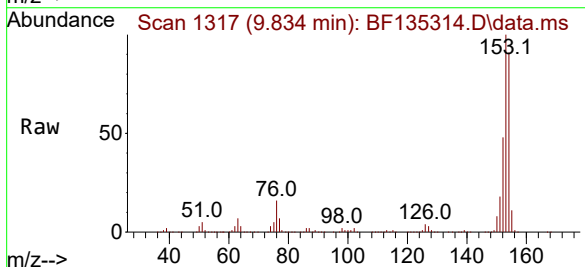
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

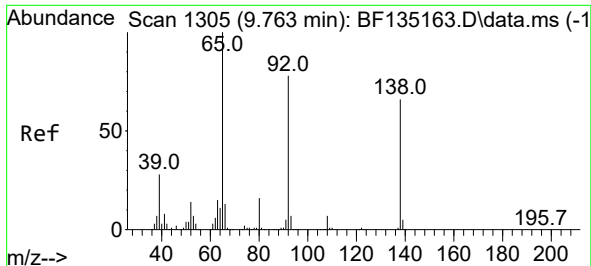
Tgt Ion:165 Resp: 166799
Ion Ratio Lower Upper
165 100
63 67.9 59.4 89.2
89 59.6 49.8 74.8



#52
Acenaphthene
Concen: 51.546 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.005 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:154 Resp: 596763
Ion Ratio Lower Upper
154 100
153 110.2 92.1 138.1
152 52.8 43.1 64.7

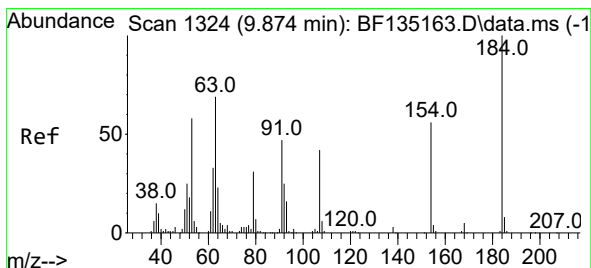
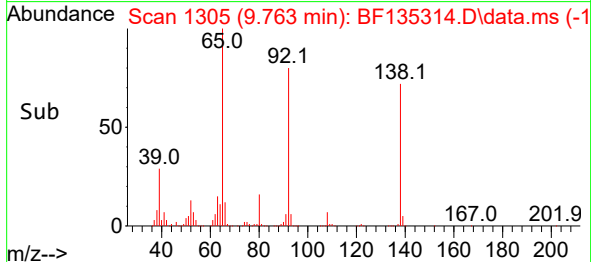
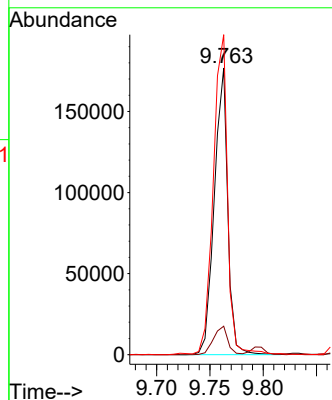
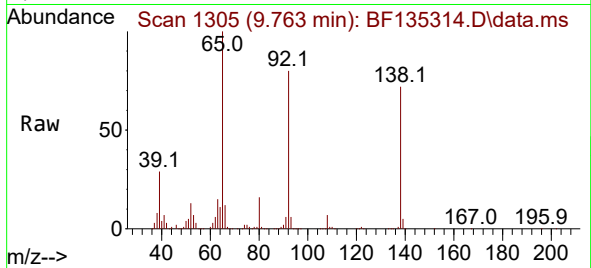




#53
3-Nitroaniline
Concen: 42.296 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

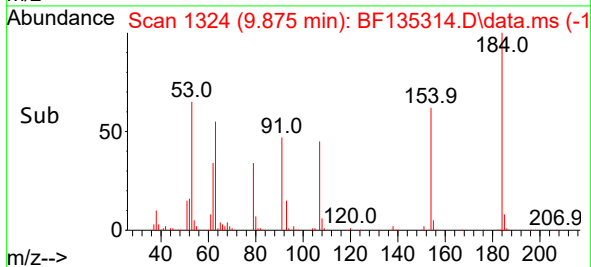
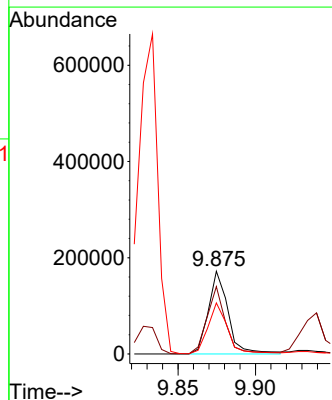
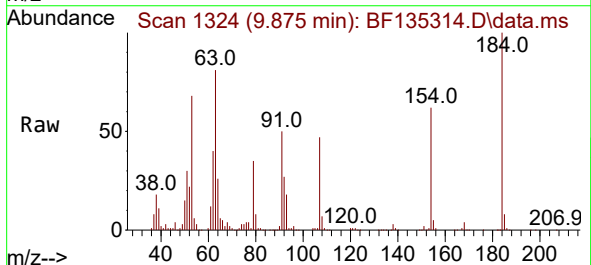
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

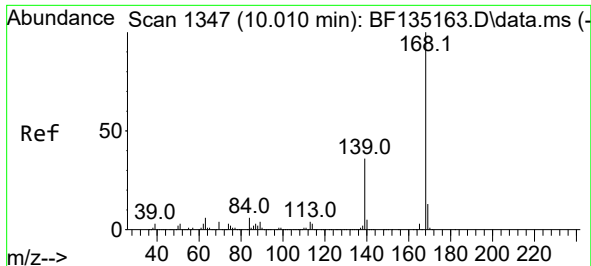
Tgt Ion:138 Resp: 155517
Ion Ratio Lower Upper
138 100
108 9.9 8.5 12.7
92 111.6 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 85.423 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:184 Resp: 152718
Ion Ratio Lower Upper
184 100
63 81.5 55.1 82.7
154 61.8 48.4 72.6

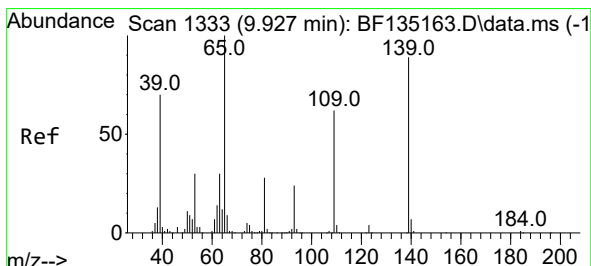
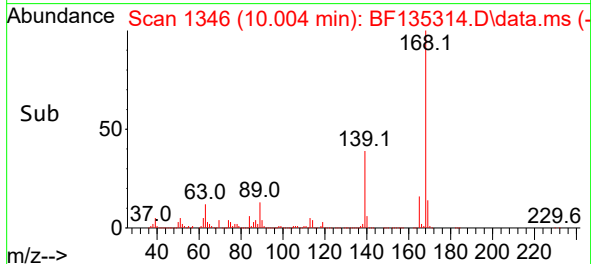
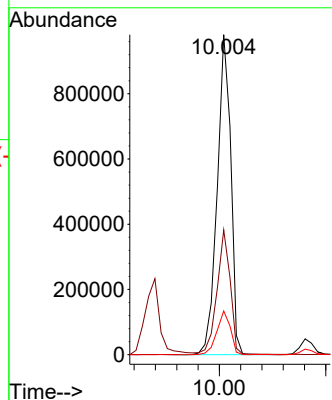
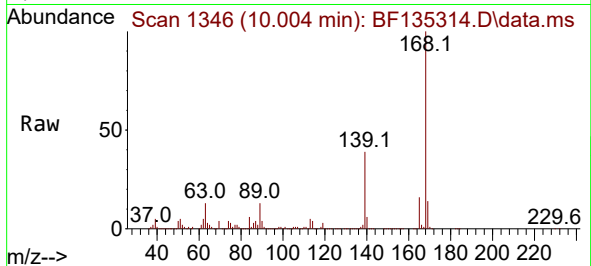




#55
Dibenzenofuran
Concen: 49.155 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

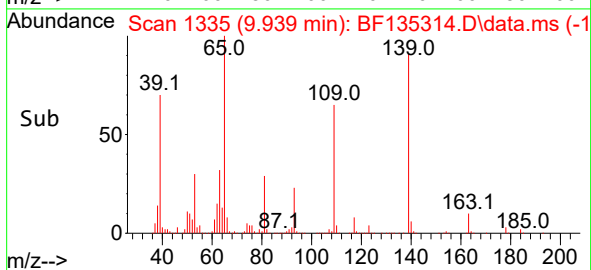
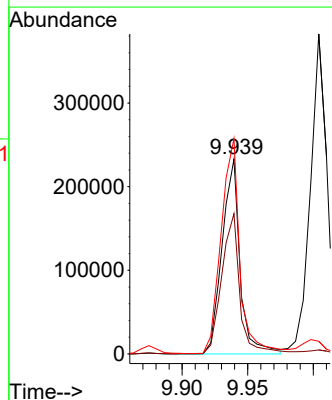
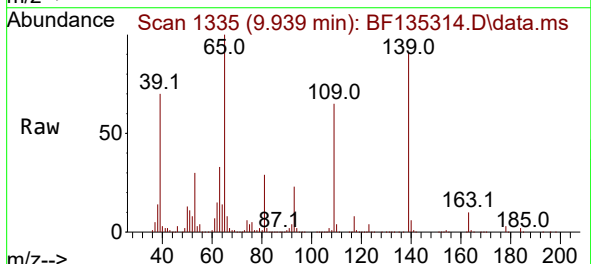
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

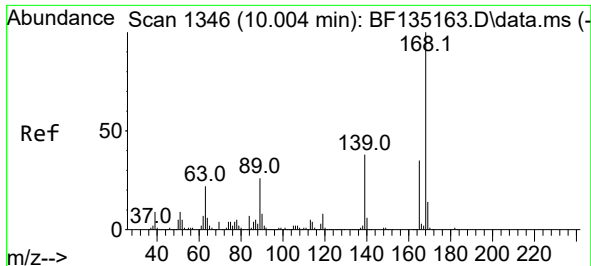
Tgt Ion:168 Resp: 868407
Ion Ratio Lower Upper
168 100
139 39.0 29.0 43.6
169 13.7 10.4 15.6



#56
4-Nitrophenol
Concen: 95.101 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:139 Resp: 222237
Ion Ratio Lower Upper
139 100
109 72.0 49.8 89.8
65 110.5 92.7 132.7

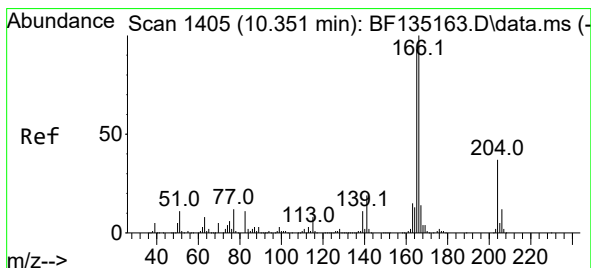
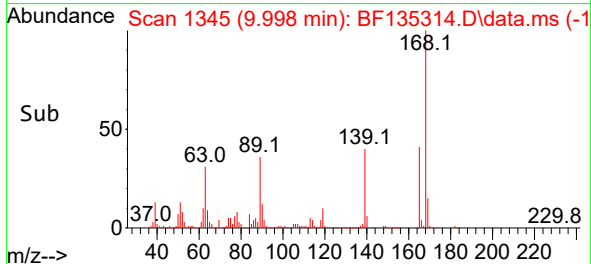
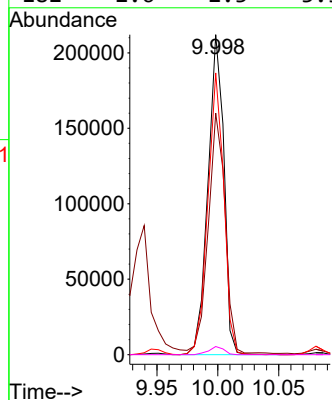
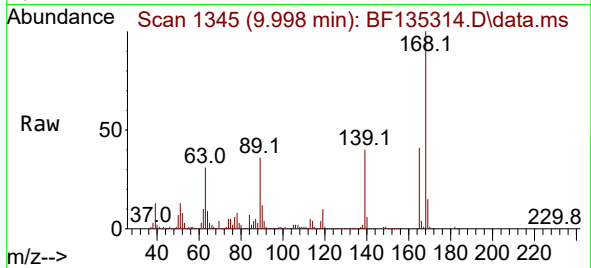




#57
2,4-Dinitrotoluene
Concen: 49.174 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

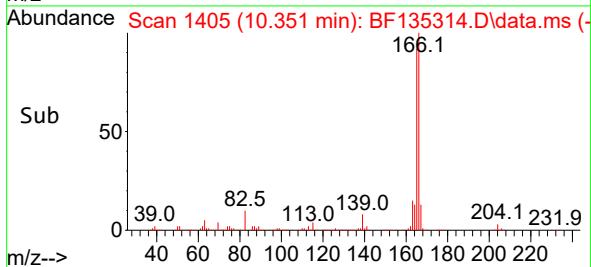
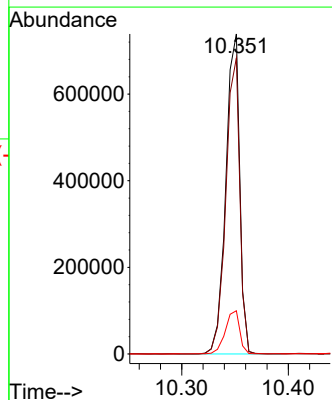
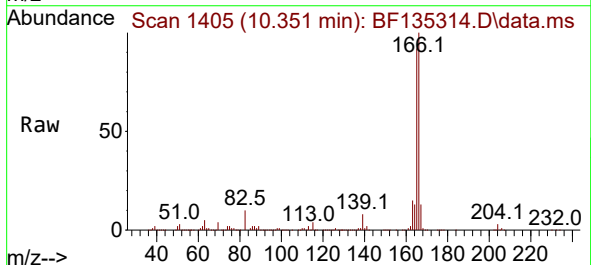
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

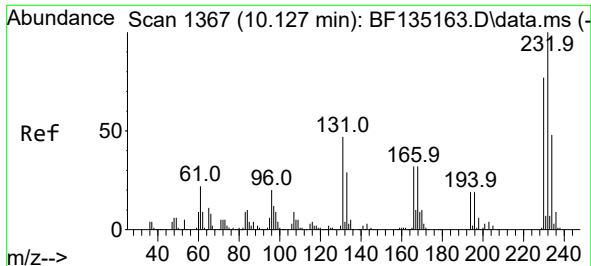
Tgt Ion:165 Resp: 192832
Ion Ratio Lower Upper
165 100
63 75.5 50.1 75.1#
89 88.0 59.3 88.9
182 2.6 2.3 3.5



#58
Fluorene
Concen: 49.224 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:166 Resp: 668530
Ion Ratio Lower Upper
166 100
165 92.5 74.3 111.5
167 13.5 10.9 16.3

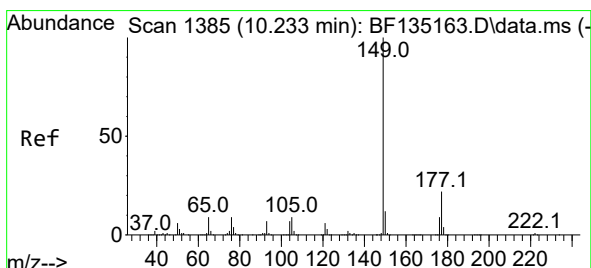
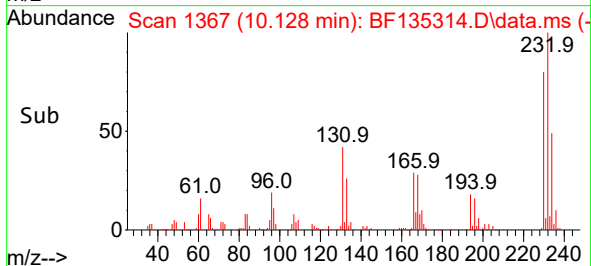
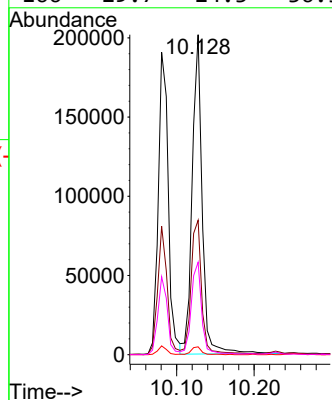
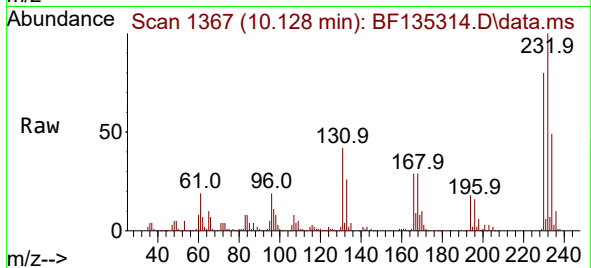




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.658 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

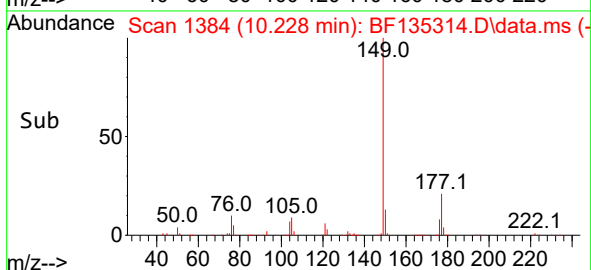
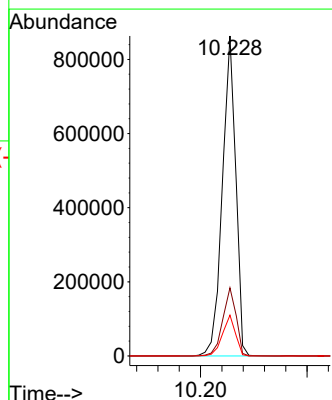
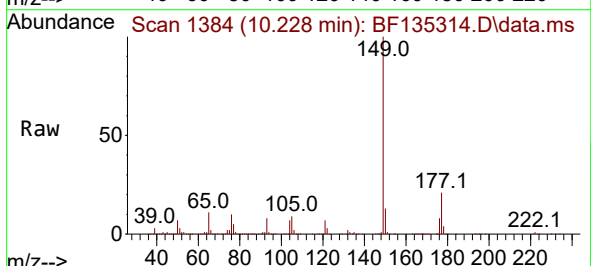
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

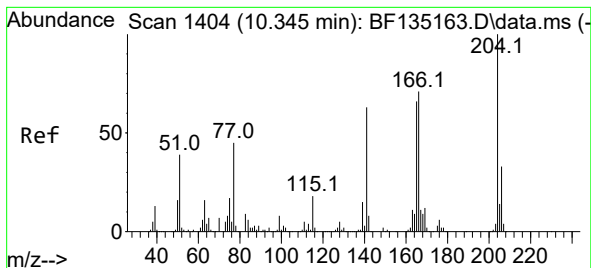
Tgt Ion:232 Resp: 180024
Ion Ratio Lower Upper
232 100
131 45.1 35.4 53.2
130 2.5 1.8 2.8
166 29.7 24.3 36.5



#60
Diethylphthalate
Concen: 52.345 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:149 Resp: 751147
Ion Ratio Lower Upper
149 100
177 21.3 17.8 26.6
150 12.8 10.0 15.0

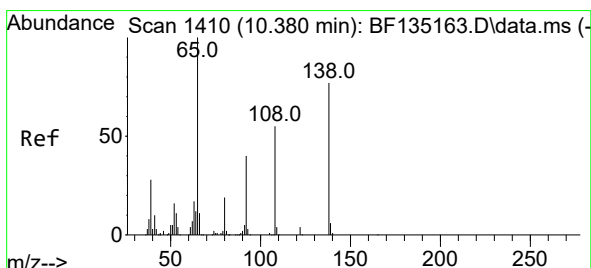
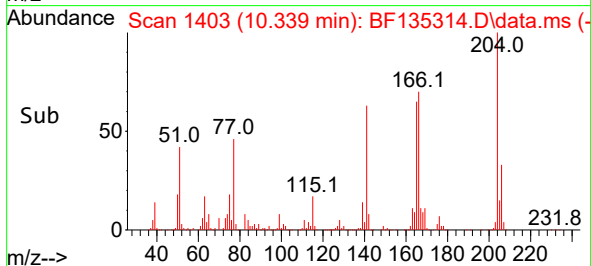
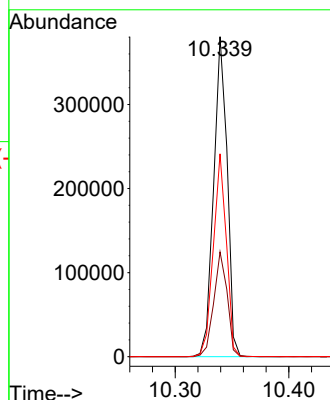
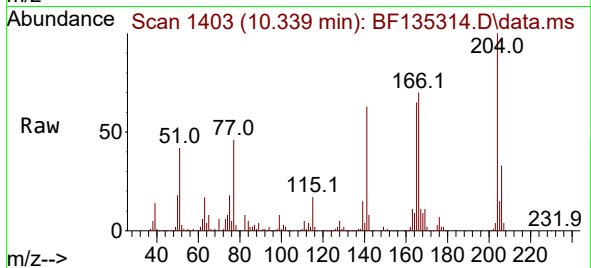




#61
4-Chlorophenyl-phenylether
Concen: 48.118 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

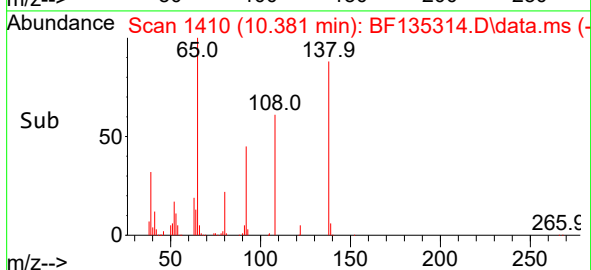
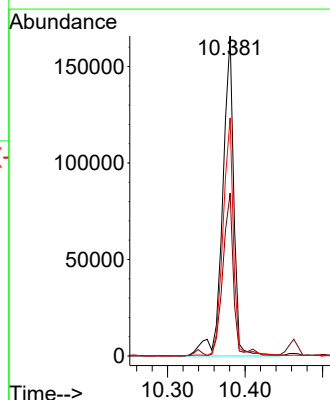
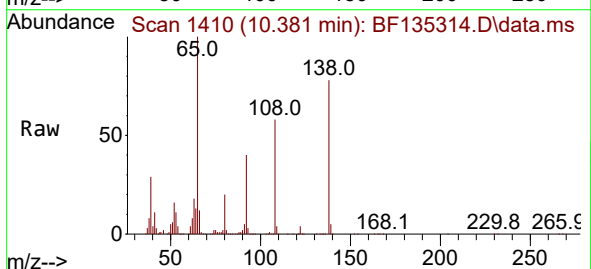
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

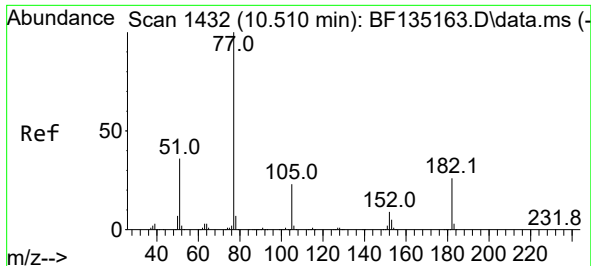
Tgt Ion:204 Resp: 313925
Ion Ratio Lower Upper
204 100
206 32.7 26.7 40.1
141 63.4 50.6 75.8



#62
4-Nitroaniline
Concen: 47.278 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:138 Resp: 167099
Ion Ratio Lower Upper
138 100
92 50.9 31.8 71.8
108 74.4 52.0 92.0

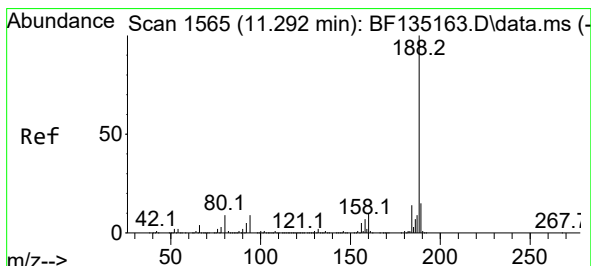
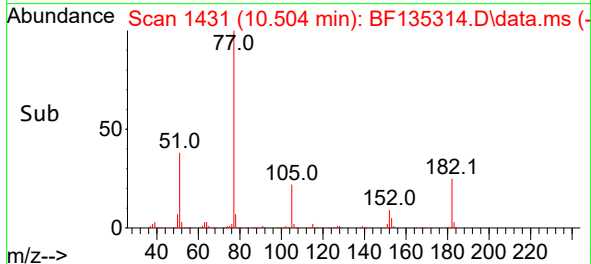
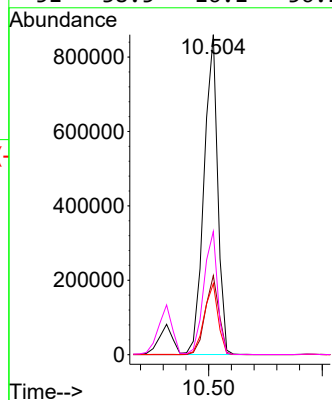
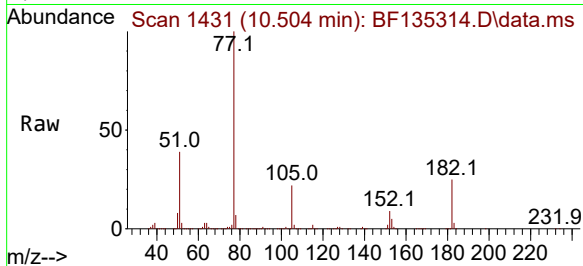




#63
Azobenzene
Concen: 51.297 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

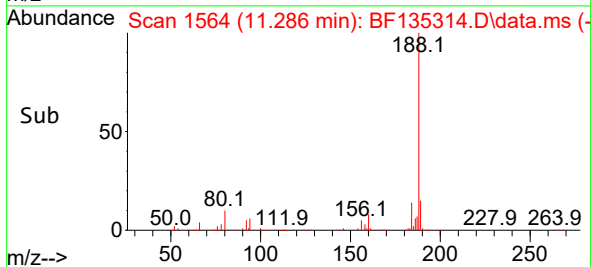
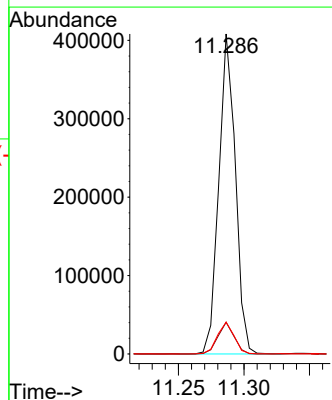
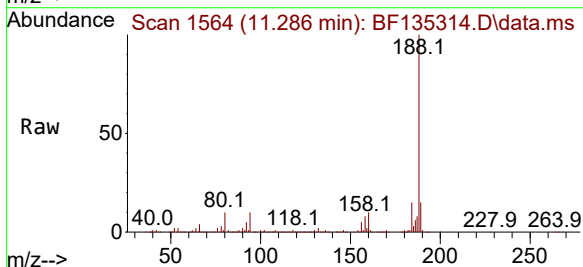
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

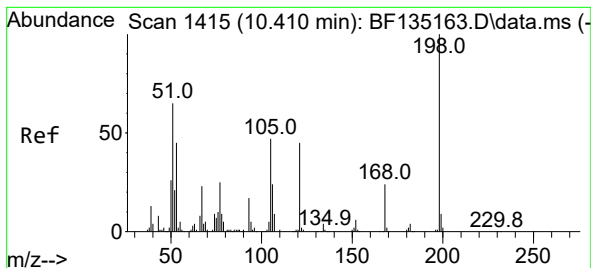
Tgt Ion: 77	Resp: 720435
Ion Ratio	Lower Upper
77 100	
182 24.7	6.4 46.4
105 22.2	3.1 43.1
51 38.5	16.1 56.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion: 188	Resp: 357540
Ion Ratio	Lower Upper
188 100	
94 9.9	7.0 10.6
80 10.0	7.5 11.3

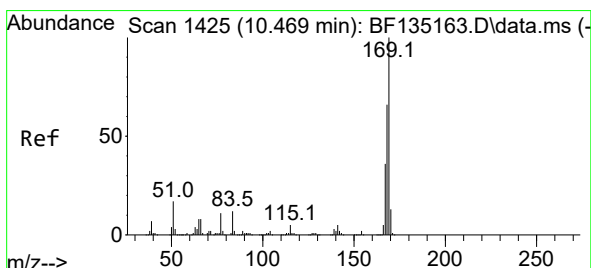
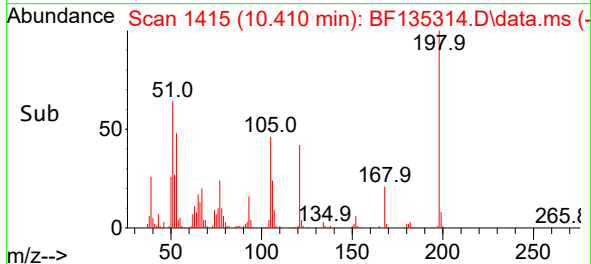
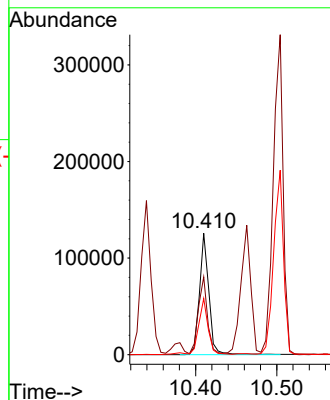
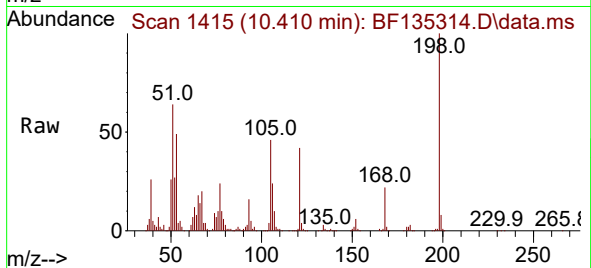




#65
4,6-Dinitro-2-methylphenol
Concen: 53.433 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

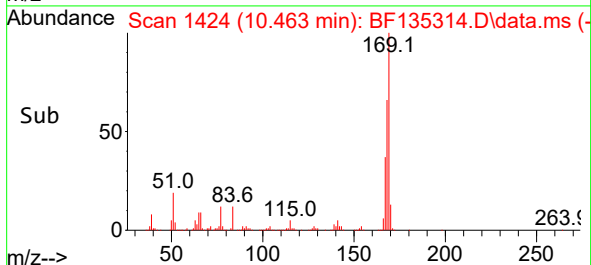
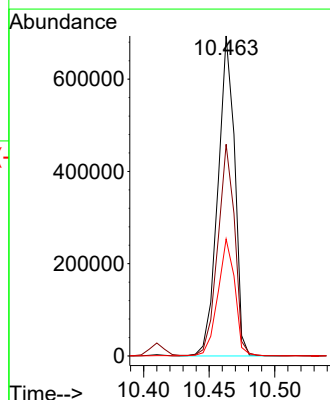
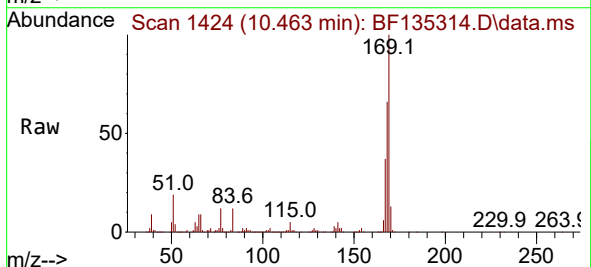
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

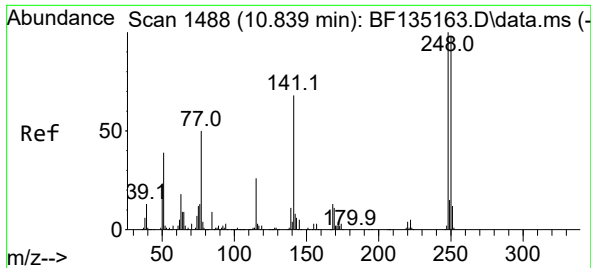
Tgt Ion:198 Resp: 101470
Ion Ratio Lower Upper
198 100
51 64.0 47.7 87.7
105 46.2 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 56.910 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:169 Resp: 616019
Ion Ratio Lower Upper
169 100
168 66.2 52.8 79.2
167 36.6 29.0 43.6

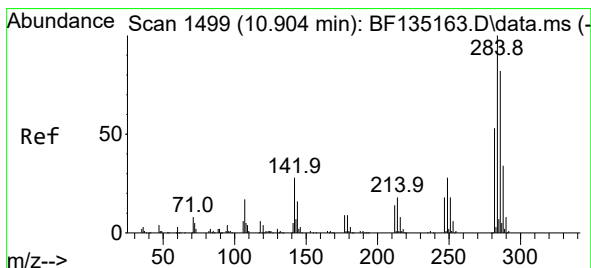
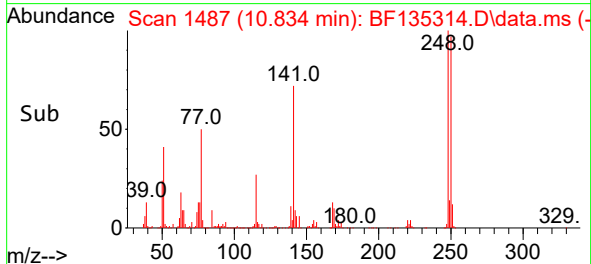
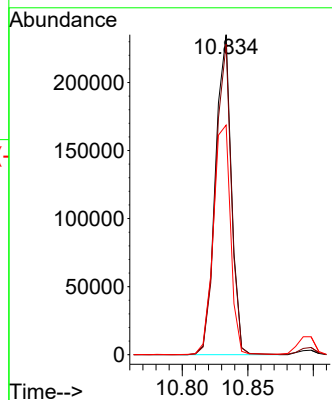
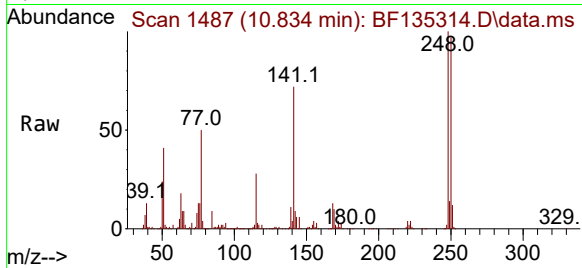




#67
4-Bromophenyl-phenylether
Concen: 56.129 ng
RT: 10.834 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

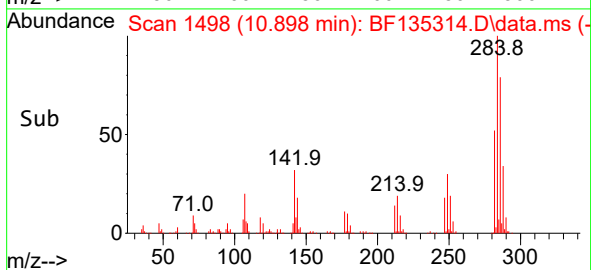
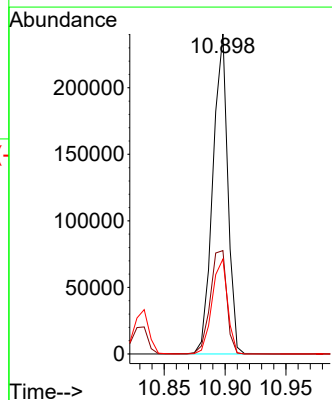
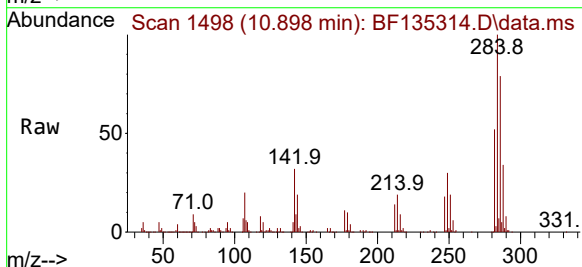
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

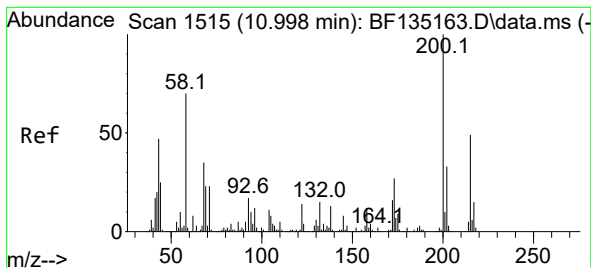
Tgt Ion:248 Resp: 199594
Ion Ratio Lower Upper
248 100
250 97.1 78.6 117.8
141 71.8 54.2 81.2



#68
Hexachlorobenzene
Concen: 56.566 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:284 Resp: 204926
Ion Ratio Lower Upper
284 100
142 32.3 22.2 33.4
249 29.6 22.5 33.7





#69

Atrazine

Concen: 62.765 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

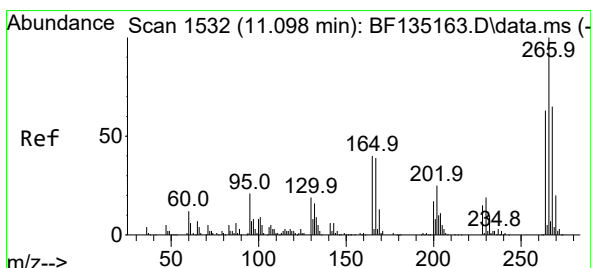
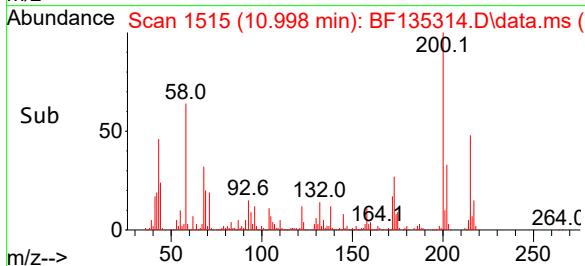
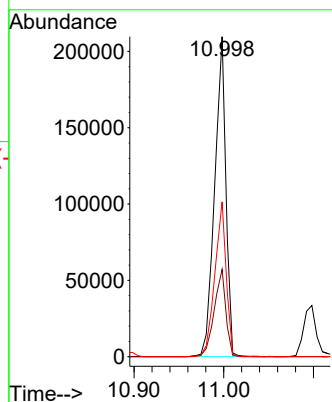
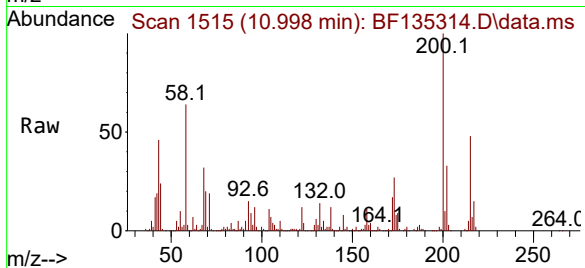
Tgt Ion:200 Resp: 182805

Ion Ratio Lower Upper

200 100

173 27.3 7.4 47.4

215 48.4 28.6 68.6



#70

Pentachlorophenol

Concen: 89.693 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

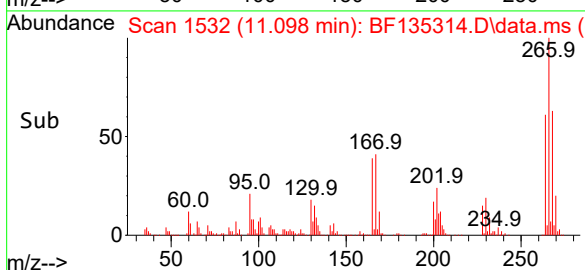
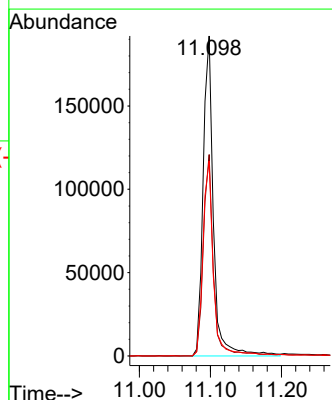
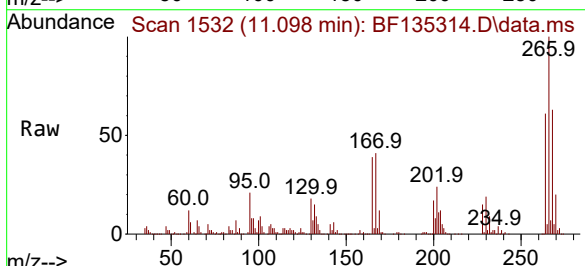
Tgt Ion:266 Resp: 194408

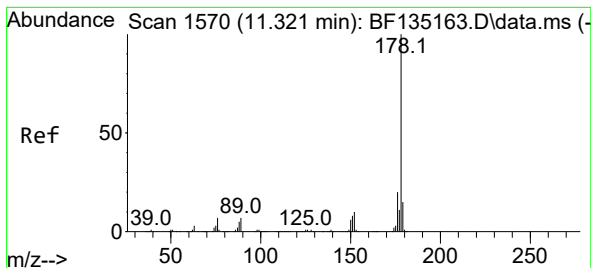
Ion Ratio Lower Upper

266 100

268 63.0 52.1 78.1

264 61.0 50.8 76.2





#71

Phenanthrene

Concen: 55.076 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

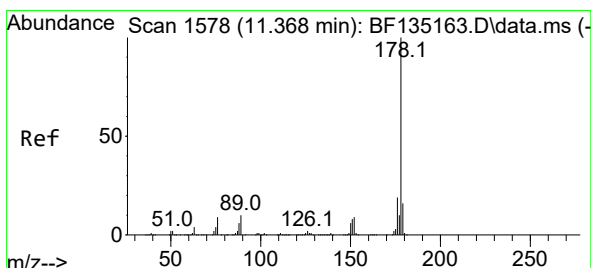
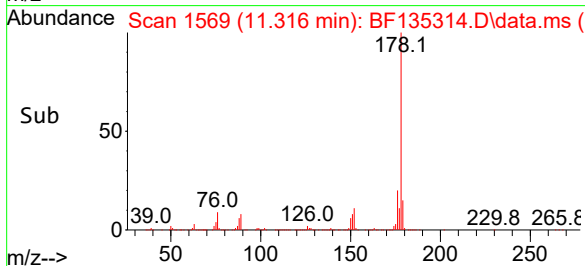
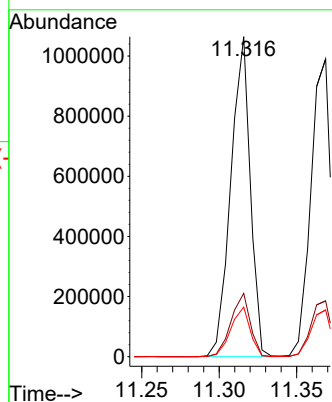
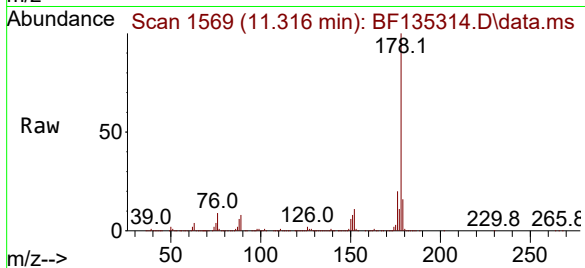
Tgt Ion:178 Resp: 931341

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

179 15.5 12.0 18.0



#72

Anthracene

Concen: 51.728 ng

RT: 11.369 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

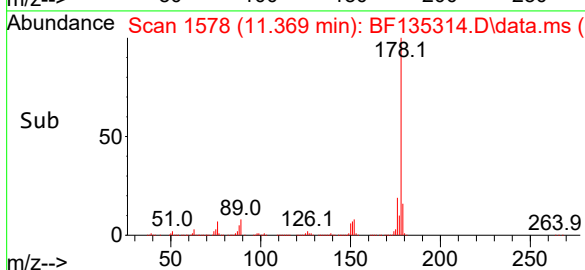
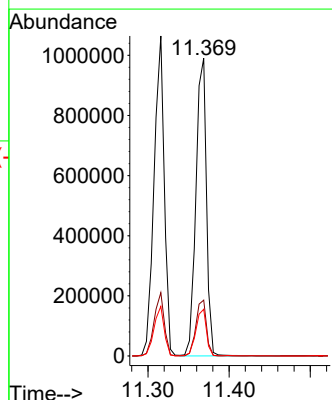
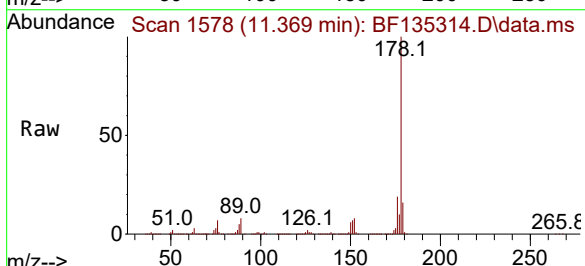
Tgt Ion:178 Resp: 899127

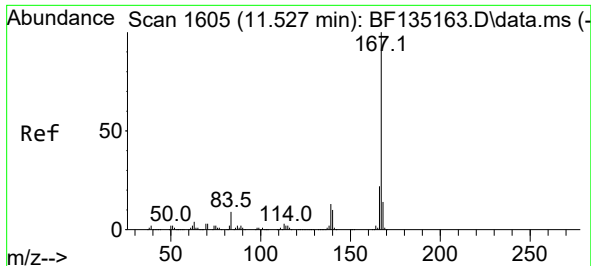
Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

179 15.7 12.6 19.0

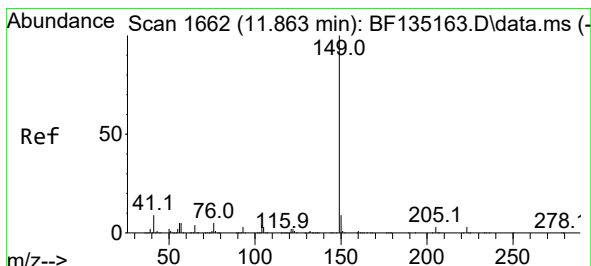
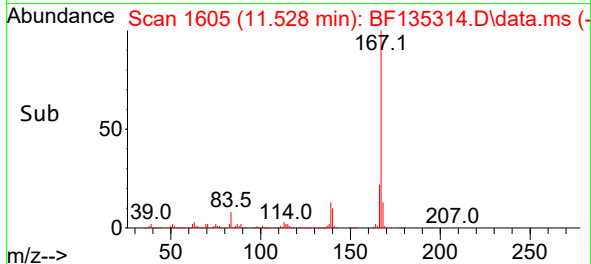
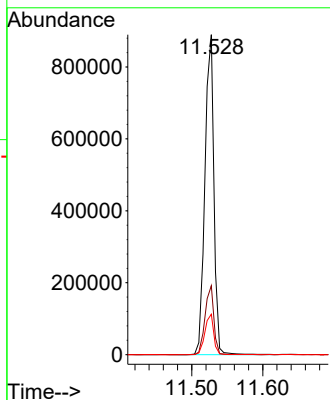
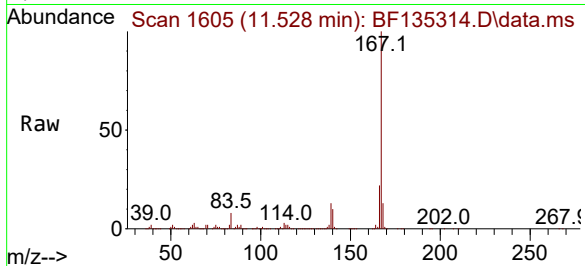




#73
 Carbazole
 Concen: 49.588 ng
 RT: 11.528 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135314.D
 Acq: 18 Sep 2023 19:13

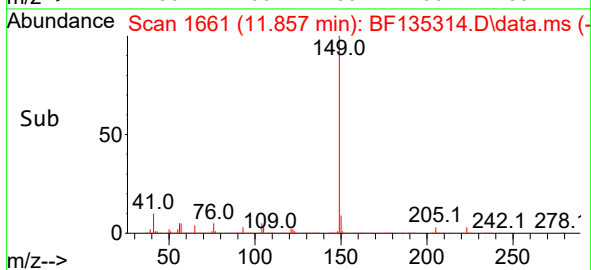
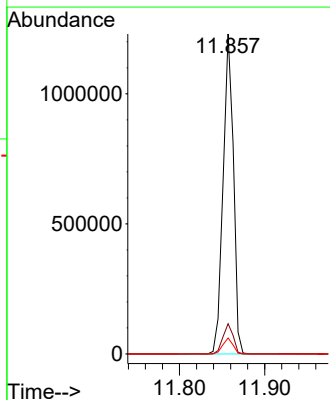
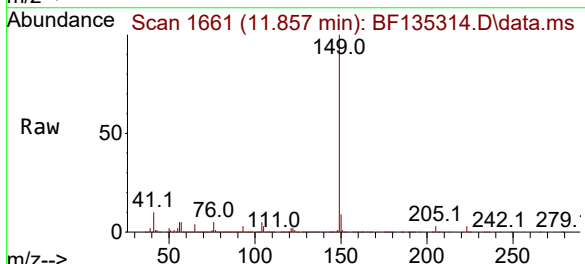
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-5-23-EPHMSD

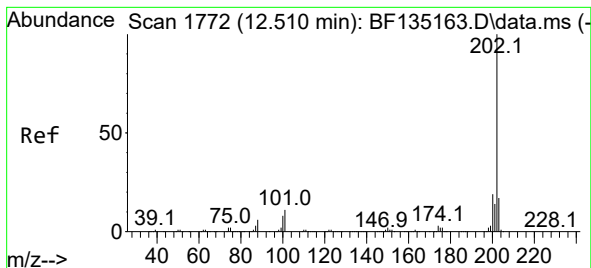
Tgt Ion:167 Resp: 784624
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 12.7 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 55.542 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF135314.D
 Acq: 18 Sep 2023 19:13

Tgt Ion:149 Resp: 1035583
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 5.0 3.6 5.4





#75

Fluoranthene

Concen: 46.380 ng

RT: 12.510 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

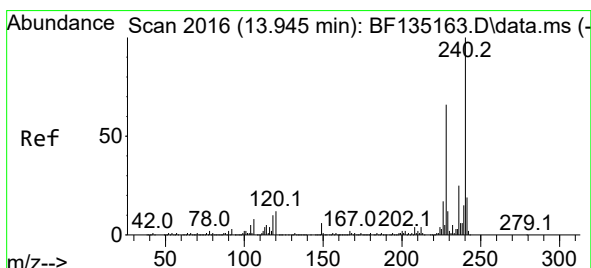
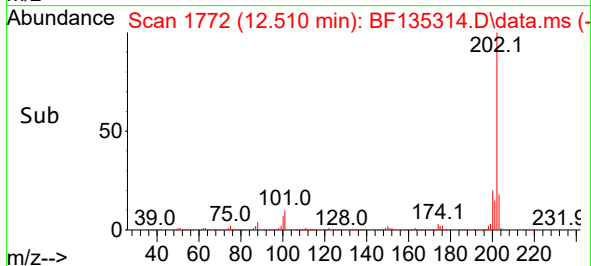
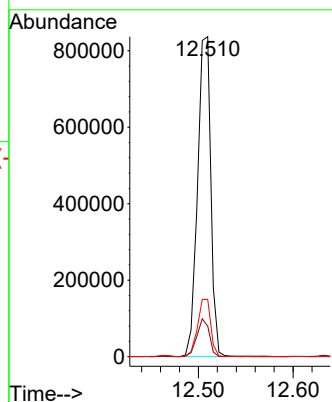
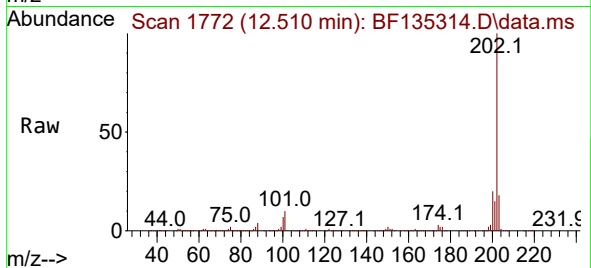
Tgt Ion:202 Resp: 817218

Ion Ratio Lower Upper

202 100

101 9.5 0.0 31.3

203 17.9 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: BF135314.D

Acq: 18 Sep 2023 19:13

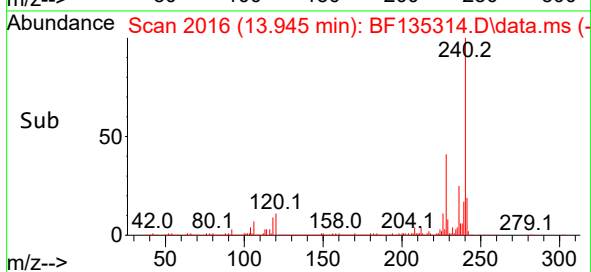
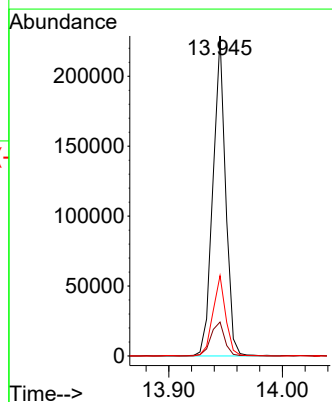
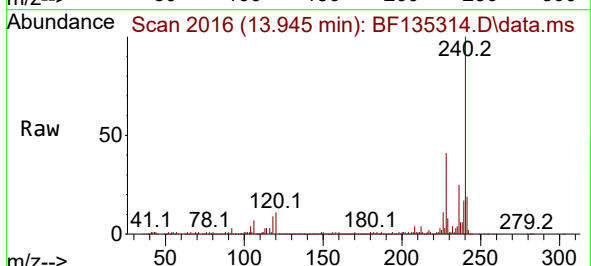
Tgt Ion:240 Resp: 176748

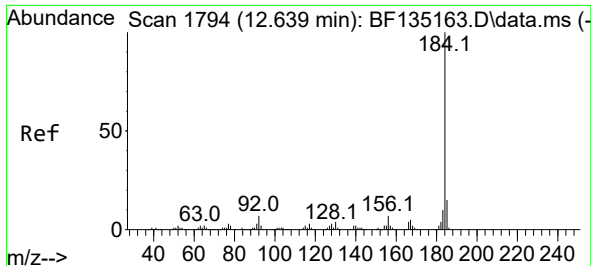
Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.2

236 25.1 19.8 29.8

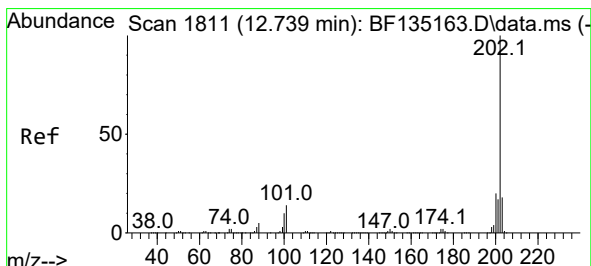
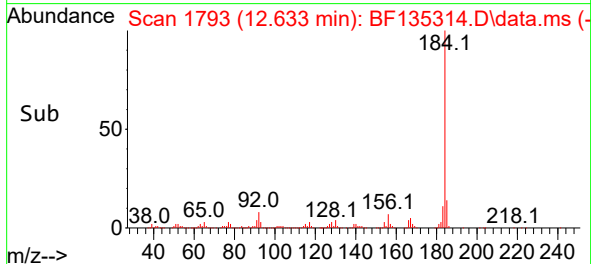
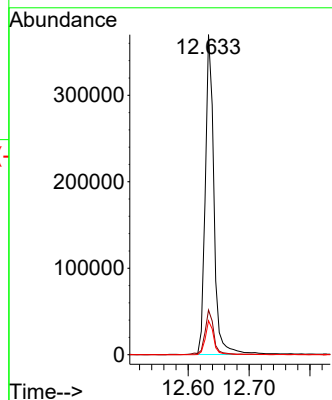
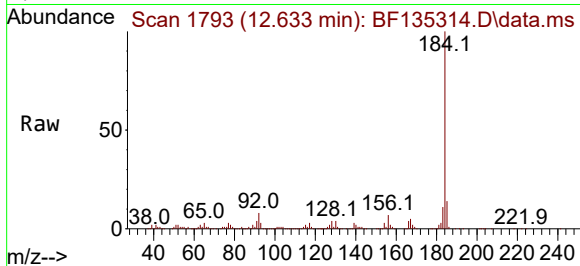




#77
Benzidine
Concen: 100.576 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

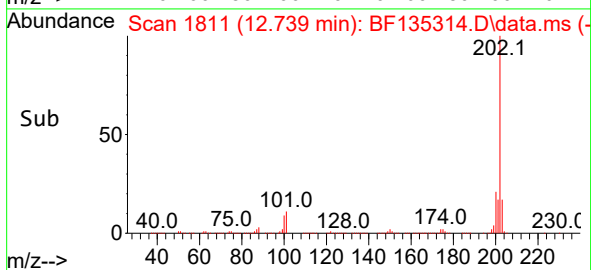
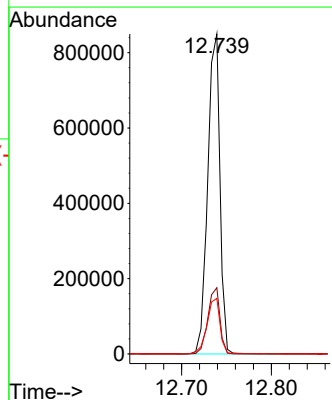
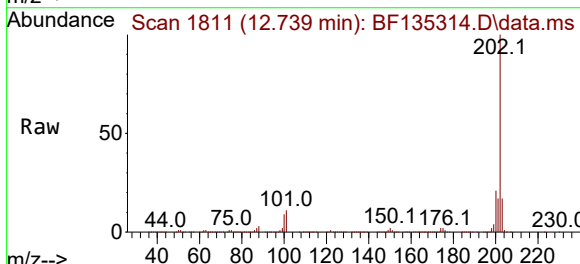
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

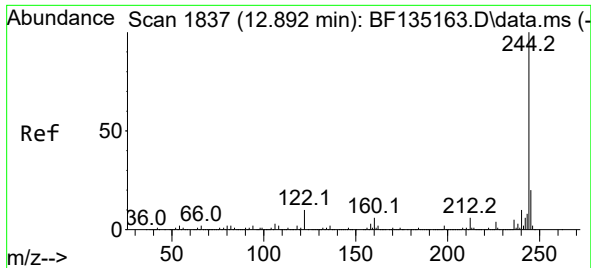
Tgt Ion:184 Resp: 364188
Ion Ratio Lower Upper
184 100
185 13.9 11.7 17.5
183 10.6 8.2 12.4



#78
Pyrene
Concen: 47.686 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

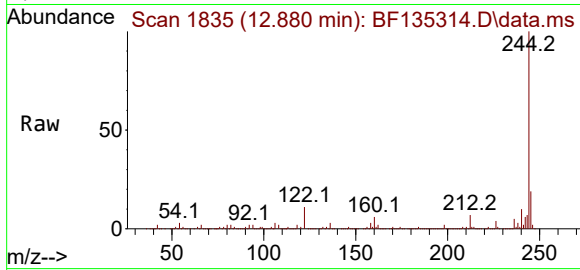
Tgt Ion:202 Resp: 802452
Ion Ratio Lower Upper
202 100
200 20.7 16.2 24.2
203 17.3 14.2 21.4



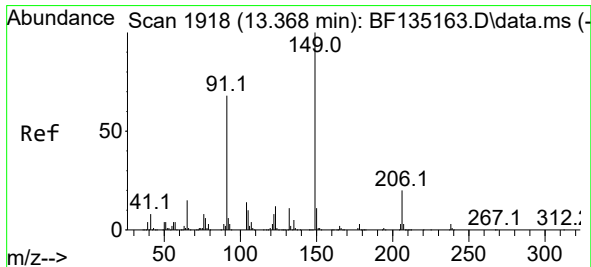
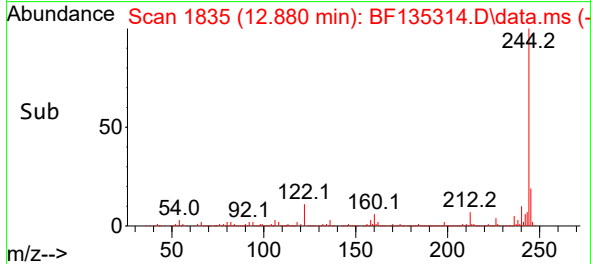
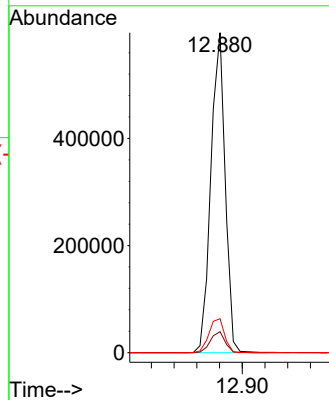


#79
 Terphenyl-d14
 Concen: 45.719 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.011 min
 Lab File: BF135314.D
 Acq: 18 Sep 2023 19:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-5-23-EPHMSD

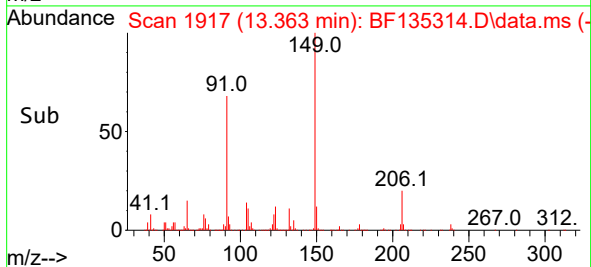
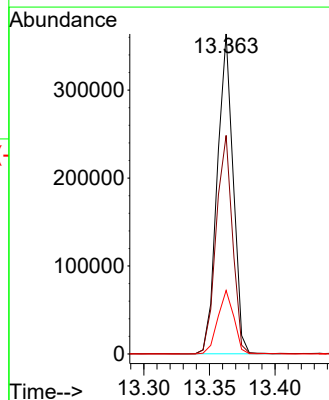
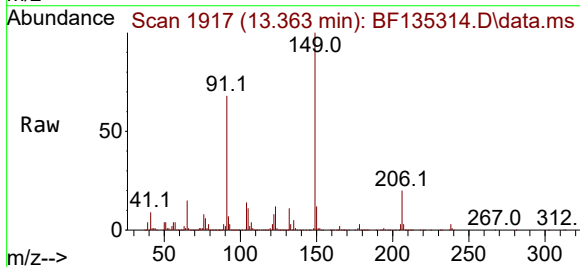


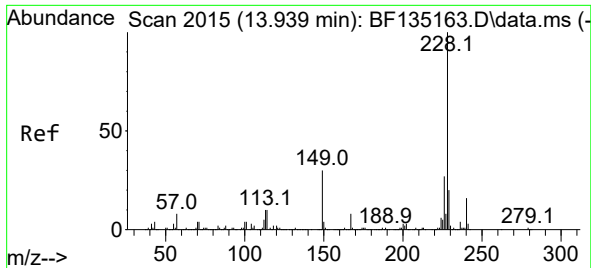
Tgt Ion:244 Resp: 521269
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 10.6 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 51.518 ng
 RT: 13.363 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF135314.D
 Acq: 18 Sep 2023 19:13

Tgt Ion:149 Resp: 305232
 Ion Ratio Lower Upper
 149 100
 91 68.3 54.7 82.1
 206 19.9 16.3 24.5

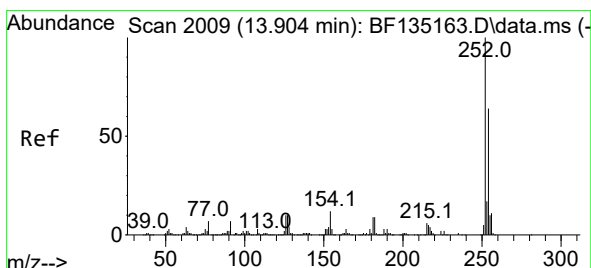
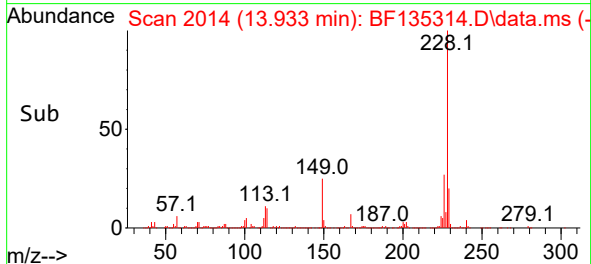
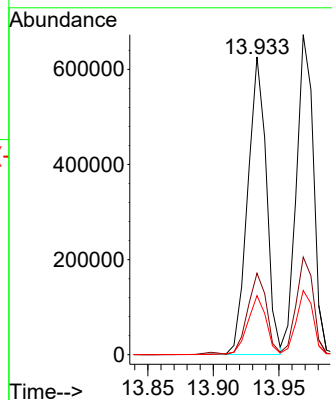
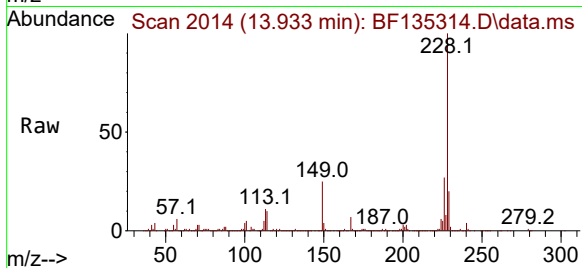




#81
Benzo(a)anthracene
Concen: 54.306 ng
RT: 13.933 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

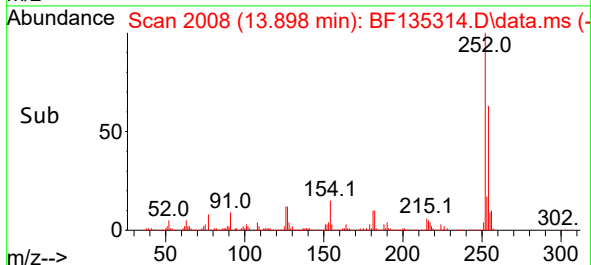
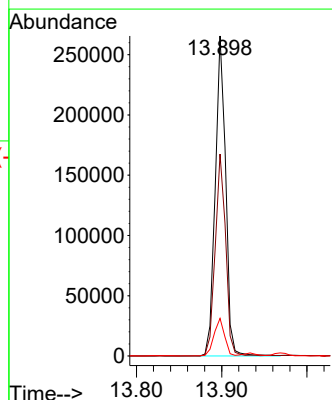
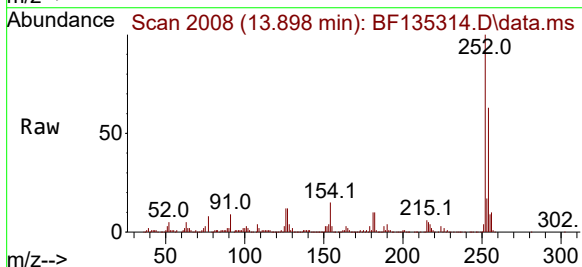
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

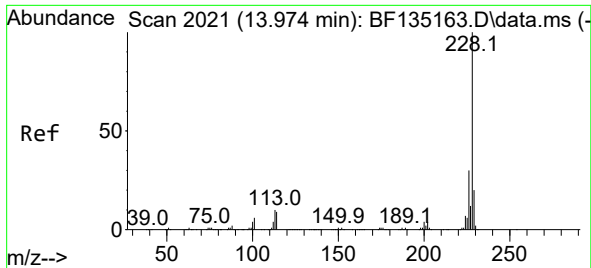
Tgt Ion:228 Resp: 619802
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 63.362 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:252 Resp: 225882
Ion Ratio Lower Upper
252 100
254 63.1 51.0 76.4
126 11.7 7.8 11.8





#83

Chrysene

Concen: 53.839 ng

RT: 13.969 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

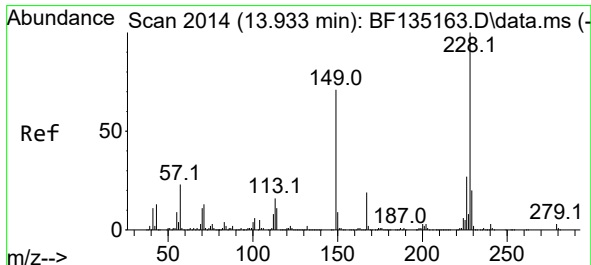
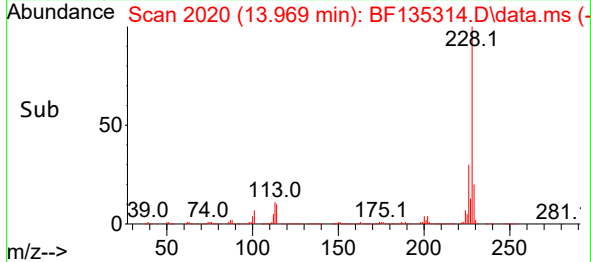
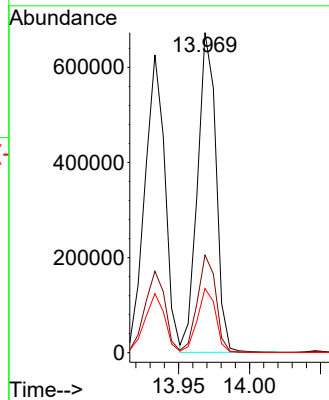
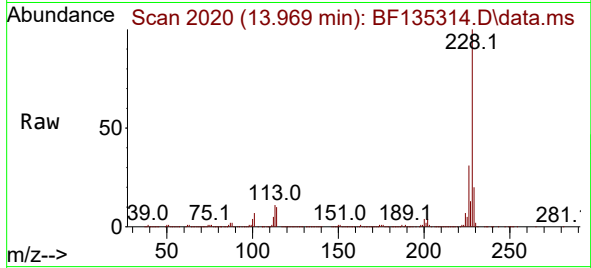
Tgt Ion:228 Resp: 610927

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

229 20.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.487 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

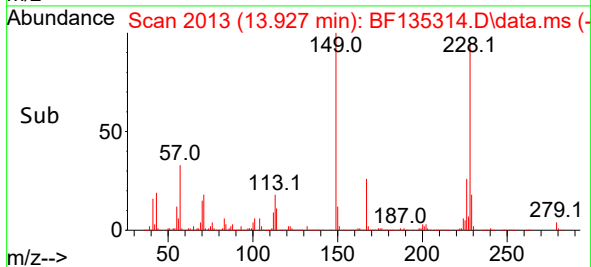
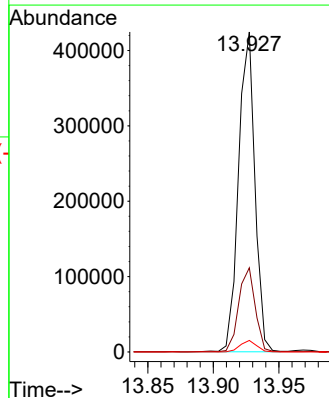
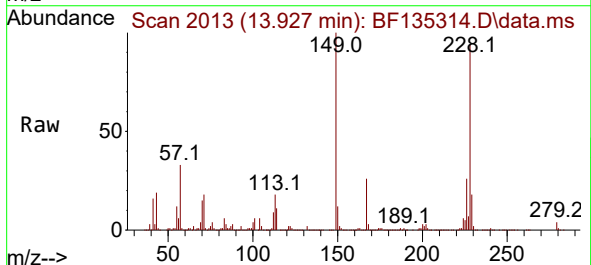
Tgt Ion:149 Resp: 367755

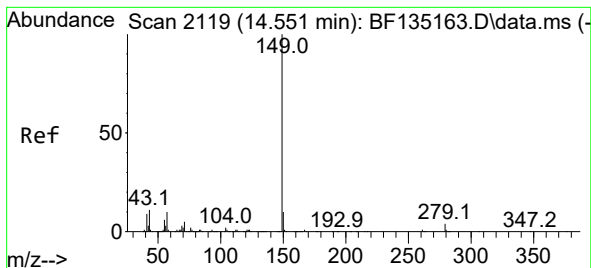
Ion Ratio Lower Upper

149 100

167 26.3 21.9 32.9

279 3.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 71.606 ng

RT: 14.545 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

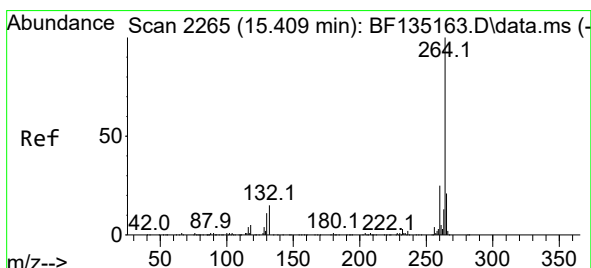
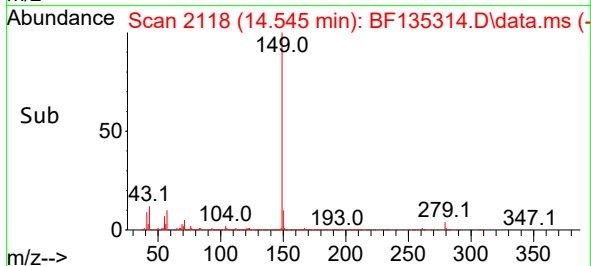
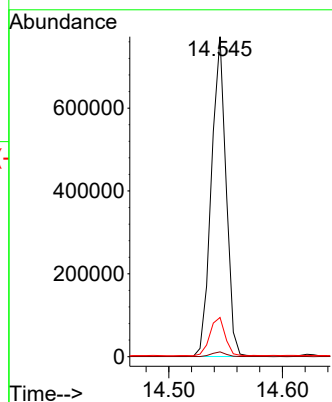
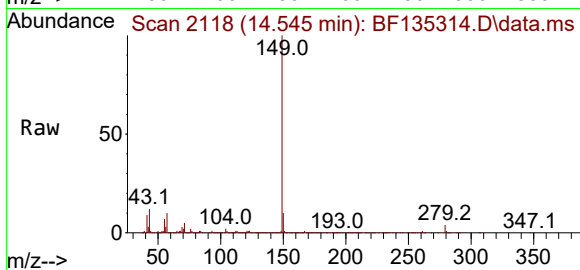
Tgt Ion:149 Resp: 691860

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 12.5 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: BF135314.D

Acq: 18 Sep 2023 19:13

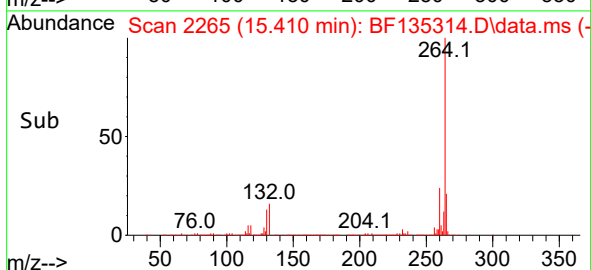
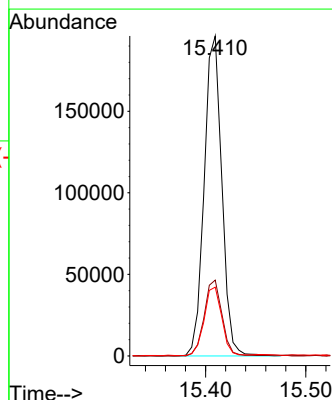
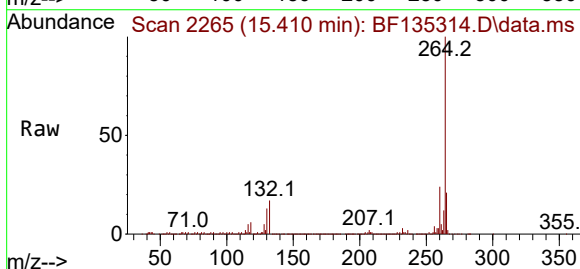
Tgt Ion:264 Resp: 240351

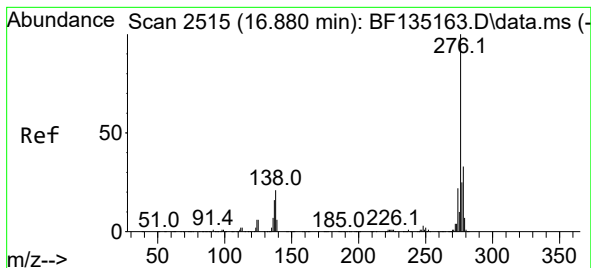
Ion Ratio Lower Upper

264 100

260 23.7 19.8 29.6

265 21.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.090 ng

RT: 16.886 min Scan# 2515

Delta R.T. 0.006 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

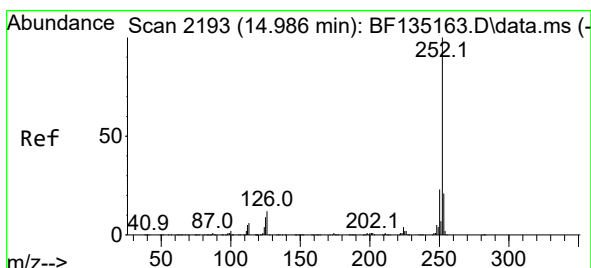
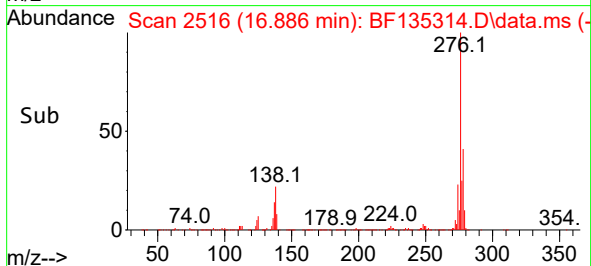
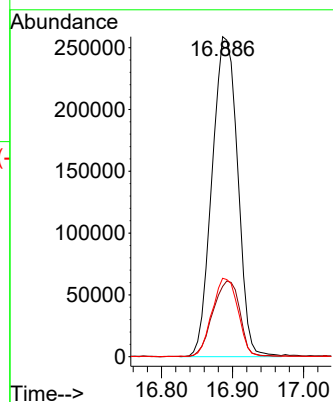
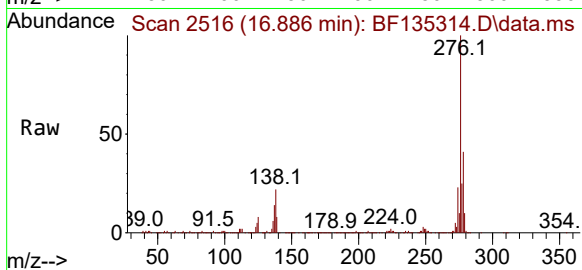
Tgt Ion:276 Resp: 647542

Ion Ratio Lower Upper

276 100

138 24.8 19.2 28.8

277 25.1 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 55.387 ng

RT: 14.986 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

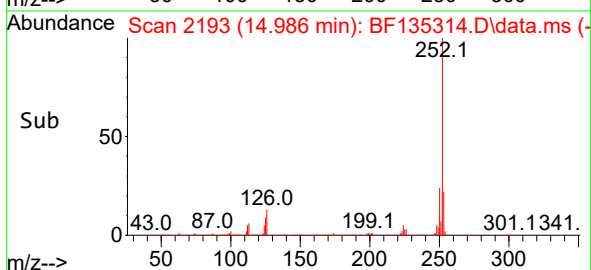
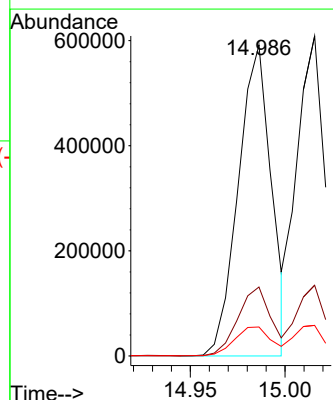
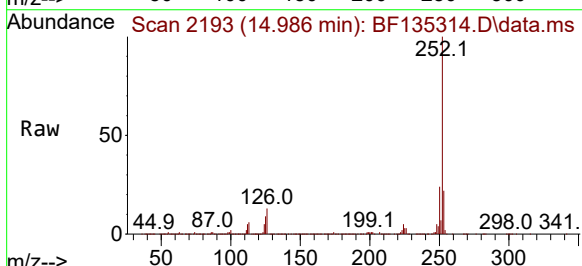
Tgt Ion:252 Resp: 720647

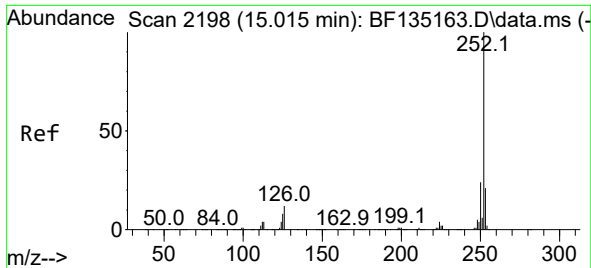
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 9.3 7.1 10.7

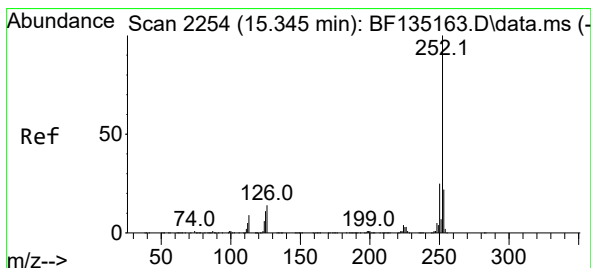
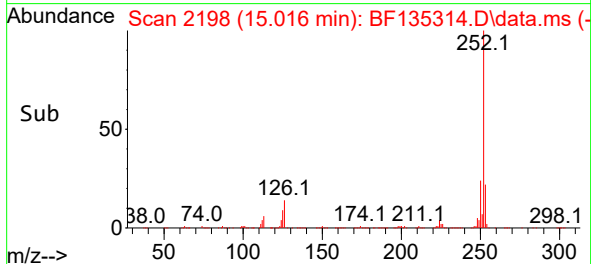
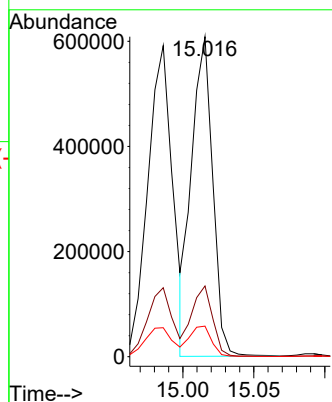
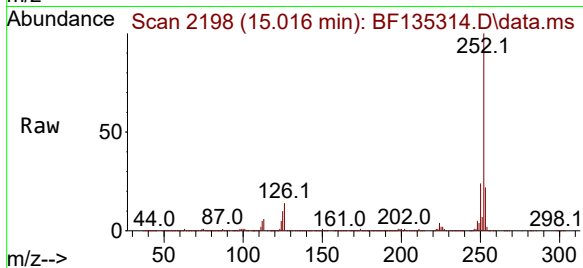




#89
Benzo(k)fluoranthene
Concen: 49.004 ng
RT: 15.016 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

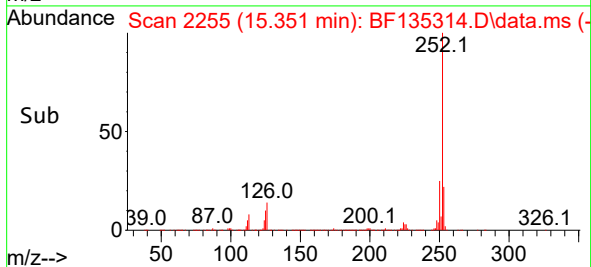
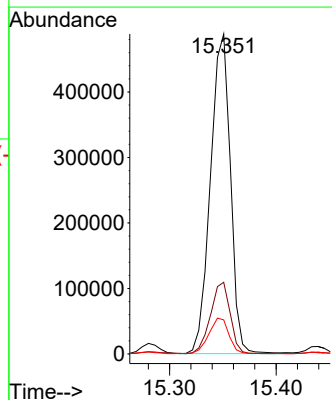
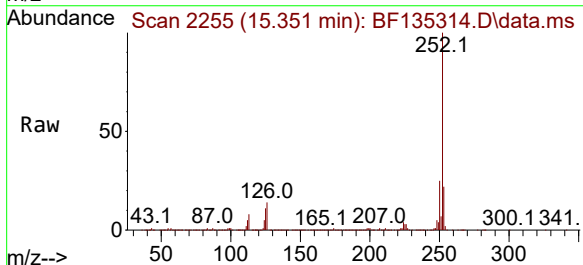
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

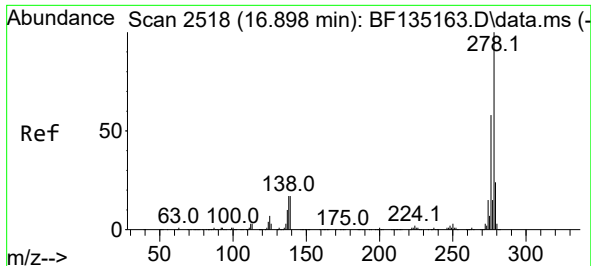
Tgt Ion:252 Resp: 629825
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 9.6 7.2 10.8



#90
Benzo(a)pyrene
Concen: 51.156 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:252 Resp: 634728
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 10.6 9.2 13.8

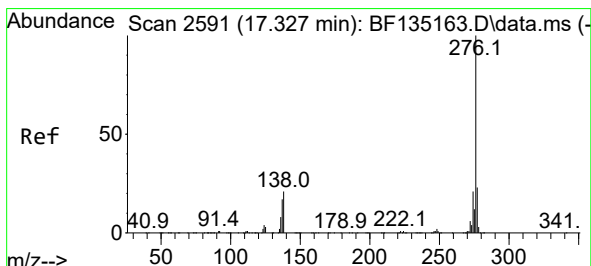
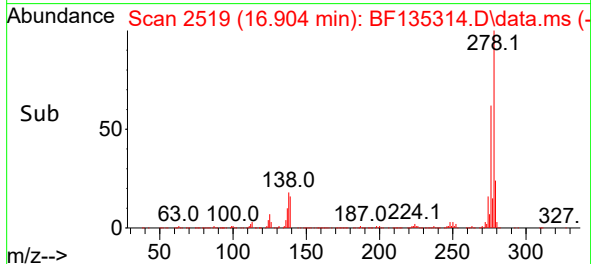
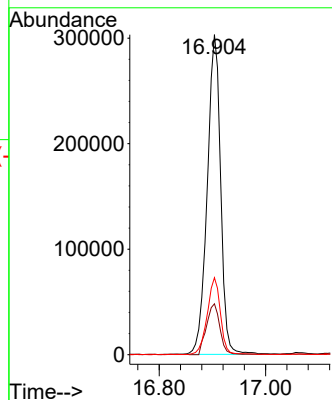
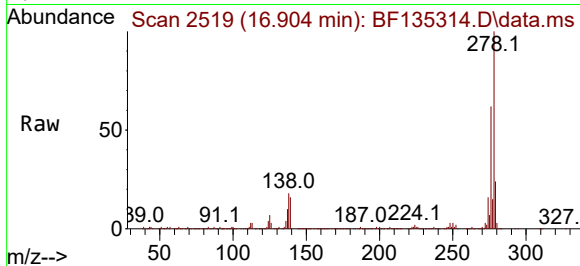




#91
Dibenzo(a,h)anthracene
Concen: 41.150 ng
RT: 16.904 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

Tgt Ion:278 Resp: 530601
Ion Ratio Lower Upper
278 100
139 15.9 13.4 20.0
279 24.1 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 36.199 ng
RT: 17.333 min Scan# 2592
Delta R.T. 0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:276 Resp: 487474
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 22.1 16.9 25.3

