

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092023\
 Data File : BF135353.D
 Acq On : 20 Sep 2023 12:58
 Operator : CG\JU
 Sample : 04460-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL-2-RIGHT-SIDEMSD

Quant Time: Sep 20 13:38:19 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	137580	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	530342	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	263989	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	488427	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	233998	20.000	ng	0.00
86) Perylene-d12	15.410	264	280712	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1028587	121.598	ng	0.02
7) Phenol-d6	6.410	99	1244570	115.709	ng	0.00
23) Nitrobenzene-d5	7.328	82	898254	92.019	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	319830	121.914	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1481547	84.672	ng	0.00
79) Terphenyl-d14	12.886	244	1398975	92.679	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	168767	45.512	ng	# 82
3) Pyridine	3.410	79	391125	39.190	ng	98
4) n-Nitrosodimethylamine	3.346	42	272484	51.450	ng	97
6) Aniline	6.428	93	270751	19.196	ng	# 1
8) 2-Chlorophenol	6.551	128	441796	48.926	ng	96
9) Benzaldehyde	6.316	77	83546	13.635	ng	96
10) Phenol	6.422	94	466840	39.581	ng	92
11) bis(2-Chloroethyl)ether	6.504	93	438697	49.587	ng	99
12) 1,3-Dichlorobenzene	6.698	146	425954	46.415	ng	99
13) 1,4-Dichlorobenzene	6.775	146	436360	46.736	ng	98
14) 1,2-Dichlorobenzene	6.928	146	402687	46.443	ng	98
15) Benzyl Alcohol	6.910	79	363069	47.039	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.034	45	789493	47.343	ng	71
17) 2-Methylphenol	7.028	107	349008	43.798	ng	# 90
18) Hexachloroethane	7.263	117	161936	46.940	ng	91
19) n-Nitroso-di-n-propyla...	7.181	70	285689	42.882	ng	96
20) 3+4-Methylphenols	7.181	107	407189	42.495	ng	# 81
22) Acetophenone	7.175	105	560792	46.251	ng	98
24) Nitrobenzene	7.345	77	460080	47.685	ng	100
25) Isophorone	7.587	82	851307	47.493	ng	99
26) 2-Nitrophenol	7.657	139	232805	50.274	ng	99
27) 2,4-Dimethylphenol	7.704	122	355161	45.629	ng	97
28) bis(2-Chloroethoxy)met...	7.792	93	532465	49.630	ng	99
29) 2,4-Dichlorophenol	7.904	162	351830	48.781	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	361676	47.976	ng	99
31) Naphthalene	8.057	128	1207437	46.858	ng	99
32) Benzoic acid	7.834	122	196927	33.599	ng	99
33) 4-Chloroaniline	8.110	127	149018	13.181	ng	99
34) Hexachlorobutadiene	8.169	225	204577	45.005	ng	97
35) Caprolactam	8.498	113	71456	29.520	ng	96
36) 4-Chloro-3-methylphenol	8.610	107	390320	48.692	ng	99
37) 2-Methylnaphthalene	8.751	142	767690	44.321	ng	99
38) 1-Methylnaphthalene	8.851	142	736627	45.424	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	357389	46.730	ng	99
41) Hexachlorocyclopentadiene	8.898	237	203317	62.148	ng	97
43) 2,4,6-Trichlorophenol	9.039	196	246584	49.243	ng	100

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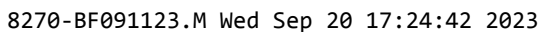
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	265048	45.962	ng	98
46) 1,1'-Biphenyl	9.222	154	963041	47.470	ng	99
47) 2-Chloronaphthalene	9.245	162	720486	48.948	ng	99
48) 2-Nitroaniline	9.351	65	284558	49.761	ng	95
49) Acenaphthylene	9.663	152	1186566	48.505	ng	99
50) Dimethylphthalate	9.528	163	861472	48.266	ng	100
51) 2,6-Dinitrotoluene	9.592	165	192486	49.229	ng	95
52) Acenaphthene	9.834	154	694847	48.082	ng	97
53) 3-Nitroaniline	9.763	138	116671	25.420	ng	88
54) 2,4-Dinitrophenol	9.875	184	117433	55.021	ng	92
55) Dibenzofuran	10.004	168	972262	44.089	ng	95
56) 4-Nitrophenol	9.945	139	252405	86.530	ng	99
57) 2,4-Dinitrotoluene	10.004	165	221949	45.342	ng	# 86
58) Fluorene	10.351	166	784199	46.257	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	215156	48.503	ng	99
60) Diethylphthalate	10.228	149	845222	47.186	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	357534	43.903	ng	98
62) 4-Nitroaniline	10.381	138	193215	43.795	ng	97
63) Azobenzene	10.504	77	854038	48.716	ng	98
65) 4,6-Dinitro-2-methylph...	10.416	198	98101	37.816	ng	89
66) n-Nitrosodiphenylamine	10.463	169	728989	49.299	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	231329	47.620	ng	96
68) Hexachlorobenzene	10.898	284	244018	49.307	ng	# 90
69) Atrazine	10.998	200	230159	57.847	ng	99
70) Pentachlorophenol	11.098	266	247673	83.646	ng	98
71) Phenanthrene	11.316	178	1128699	48.860	ng	99
72) Anthracene	11.369	178	1146351	48.278	ng	100
73) Carbazole	11.528	167	1078472	49.894	ng	99
74) Di-n-butylphthalate	11.857	149	1292727	50.754	ng	99
75) Fluoranthene	12.510	202	1150569	47.800	ng	100
77) Benzidine	12.633	184	335555	69.997	ng	99
78) Pyrene	12.739	202	1150546	51.644	ng	100
80) Butylbenzylphthalate	13.363	149	480651	61.277	ng	94
81) Benzo(a)anthracene	13.933	228	732634	48.487	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	156059	33.066	ng	# 97
83) Chrysene	13.974	228	741892	49.385	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	570574	70.886	ng	100
85) Di-n-octyl phthalate	14.545	149	892859	69.800	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	949194	51.572	ng	97
88) Benzo(b)fluoranthene	14.986	252	716505	47.151	ng	# 97
89) Benzo(k)fluoranthene	14.986	252	716505	47.732	ng	97
90) Benzo(a)pyrene	15.351	252	673349	46.466	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	763540	50.701	ng	100
92) Benzo(g,h,i)perylene	17.351	276	797707	50.720	ng	97

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

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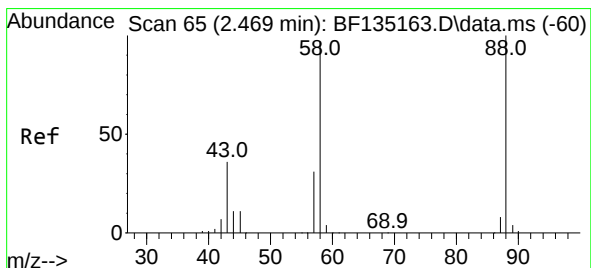
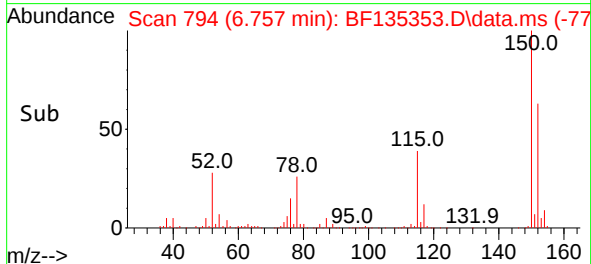
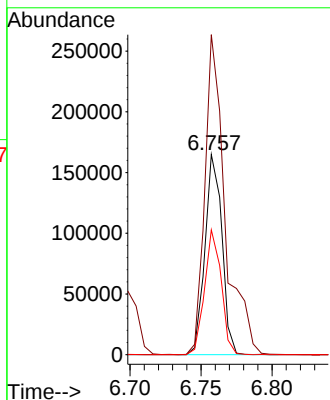
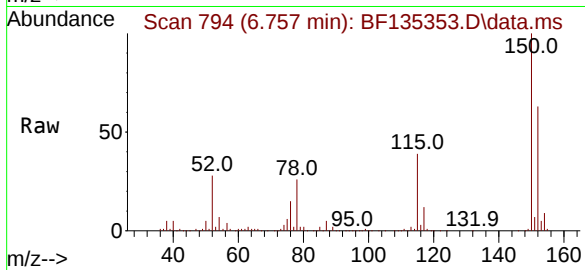




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF135353.D
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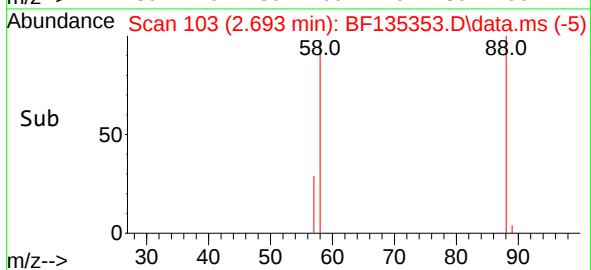
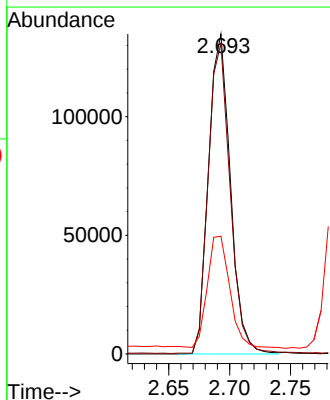
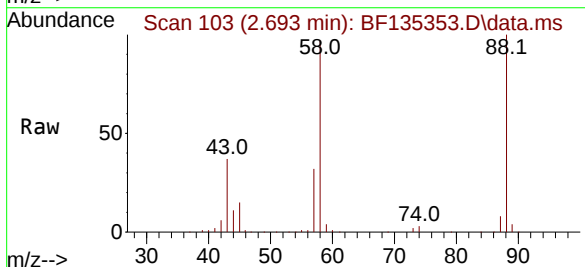
Instrument :
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 DEL-2-RIGHT-SIDEMSD

Tgt Ion:152 Resp: 137580
 Ion Ratio Lower Upper
 152 100
 150 159.9 127.8 191.6
 115 62.4 49.8 74.8



#2
 1,4-Dioxane
 Concen: 45.512 ng
 RT: 2.693 min Scan# 103
 Delta R.T. 0.224 min
 Lab File: BF135353.D
 Acq: 20 Sep 2023 12:58

Tgt Ion: 88 Resp: 168767
 Ion Ratio Lower Upper
 88 100
 58 96.9 78.3 117.5
 43 0.0 29.4 44.0#





#3

Pyridine

Concen: 39.190 ng

RT: 3.410 min Scan# 211

Delta R.T. 0.194 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

DEL-2-RIGHT-SIDEMSD

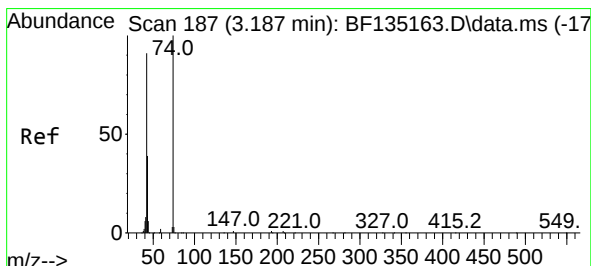
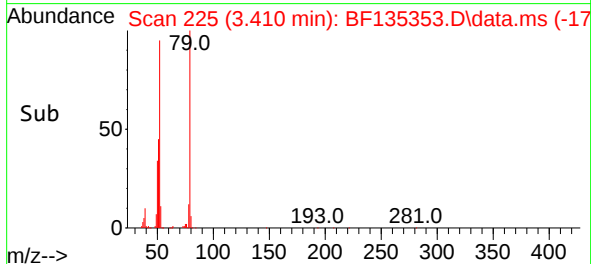
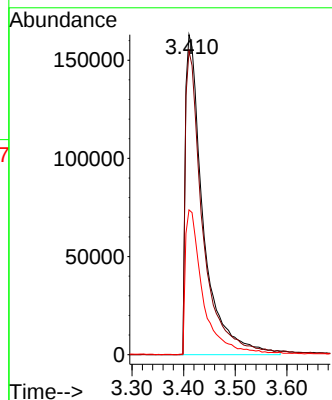
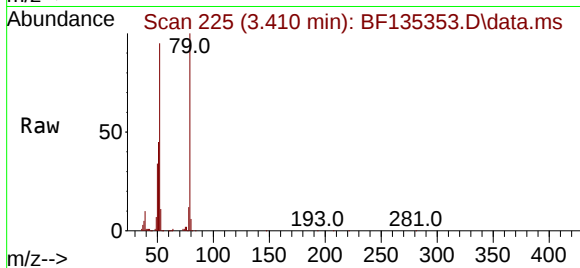
Tgt Ion: 79 Resp: 391125

Ion Ratio Lower Upper

79 100

52 94.9 74.1 111.1

51 45.2 35.8 53.8



#4

n-Nitrosodimethylamine

Concen: 51.450 ng

RT: 3.346 min Scan# 214

Delta R.T. 0.159 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

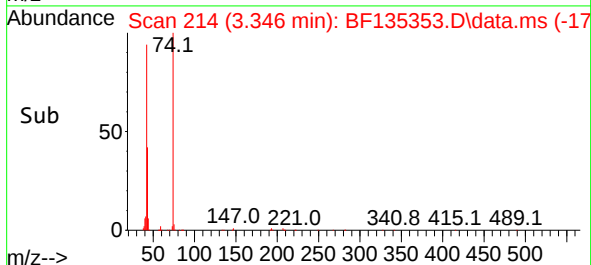
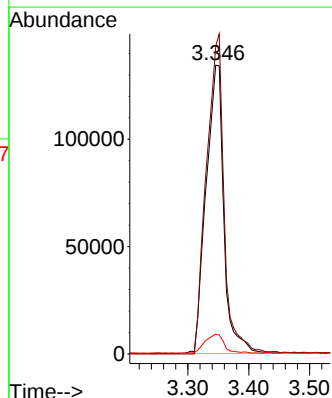
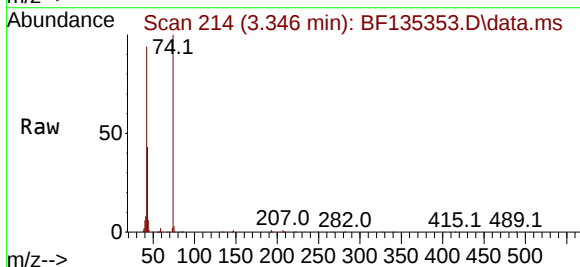
Tgt Ion: 42 Resp: 272484

Ion Ratio Lower Upper

42 100

74 106.5 87.7 131.5

44 6.9 5.6 8.4

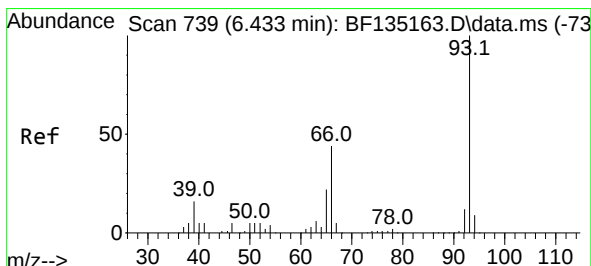
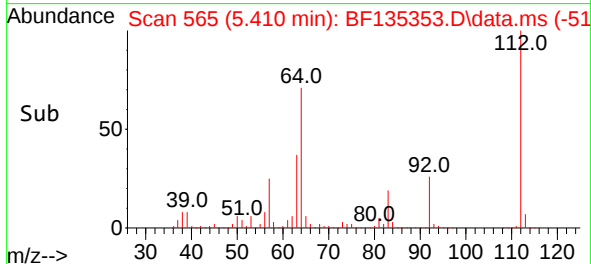
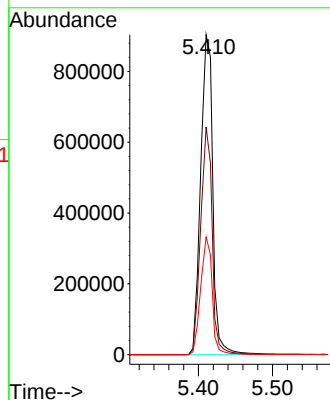
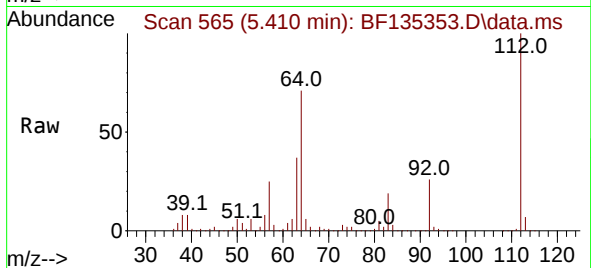




#5
2-Fluorophenol
Concen: 121.598 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.024 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

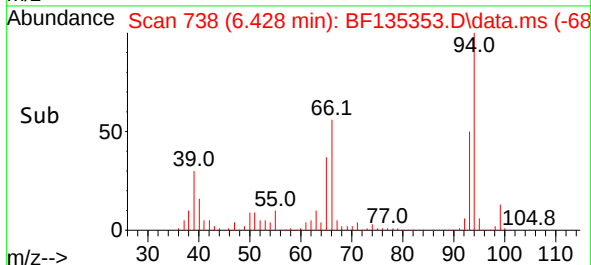
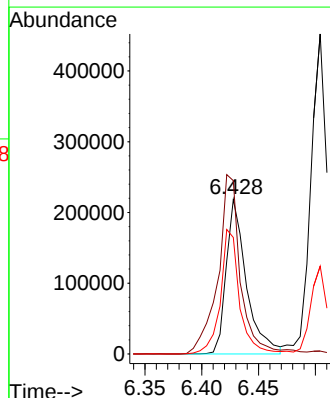
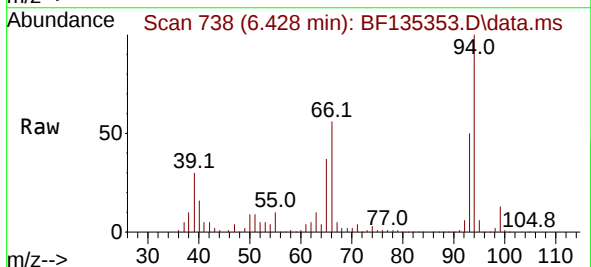
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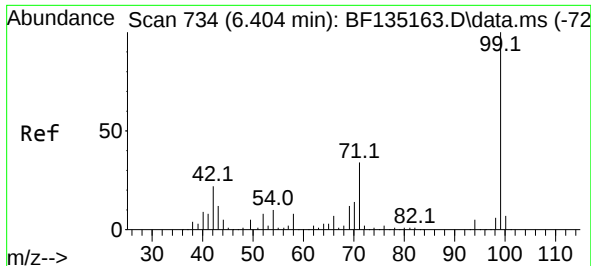
Tgt Ion:112 Resp: 1028587
Ion Ratio Lower Upper
112 100
64 71.2 55.9 83.9
63 36.8 29.0 43.6



#6
Aniline
Concen: 19.196 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

Tgt Ion: 93 Resp: 270751
Ion Ratio Lower Upper
93 100
66 112.0 35.4 53.0#
65 75.4 17.8 26.8#

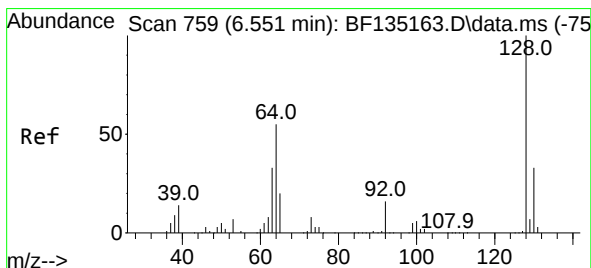
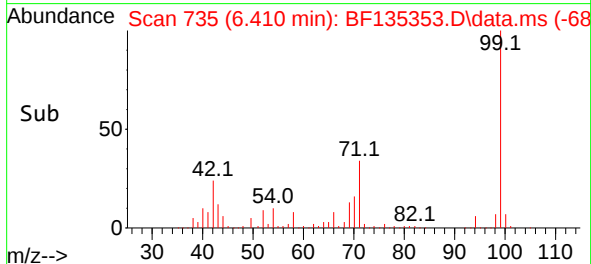
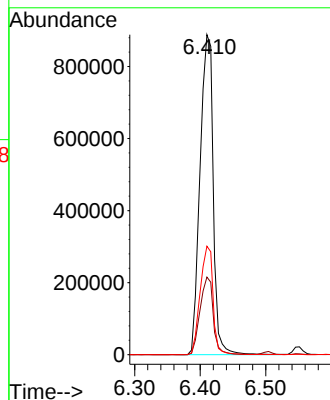
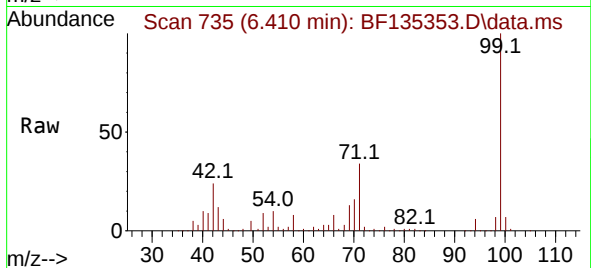




#7
Phenol-d6
Concen: 115.709 ng
RT: 6.410 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

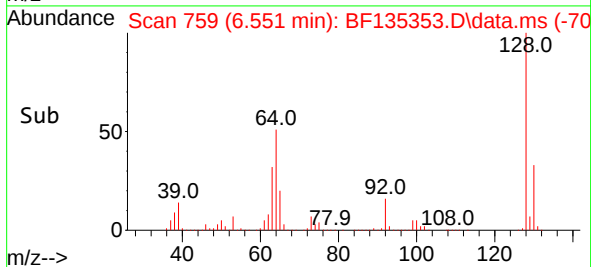
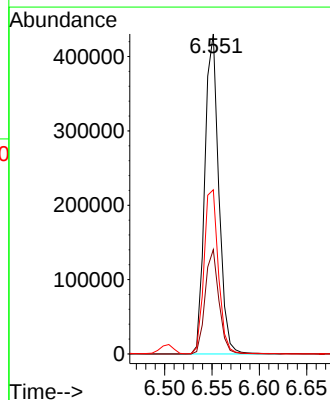
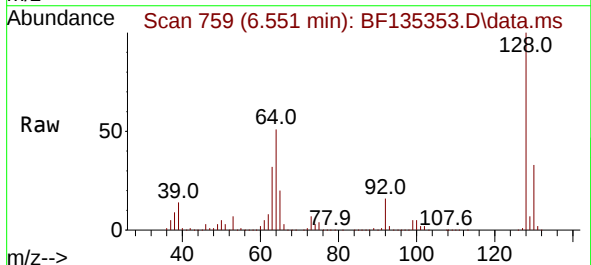
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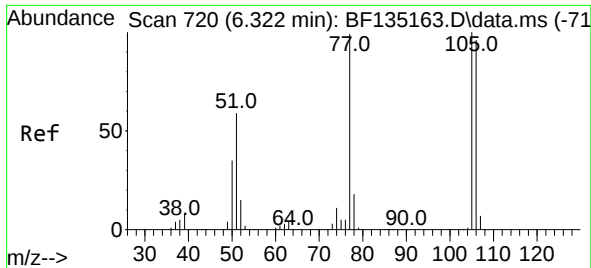
Tgt Ion: 99 Resp: 1244570
Ion Ratio Lower Upper
99 100
42 24.2 17.9 26.9
71 33.9 27.0 40.6



#8
2-Chlorophenol
Concen: 48.926 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

Tgt Ion:128 Resp: 441796
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 51.3 35.9 75.9





#9

Benzaldehyde

Concen: 13.635 ng

RT: 6.316 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF135353.D

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BNA_F

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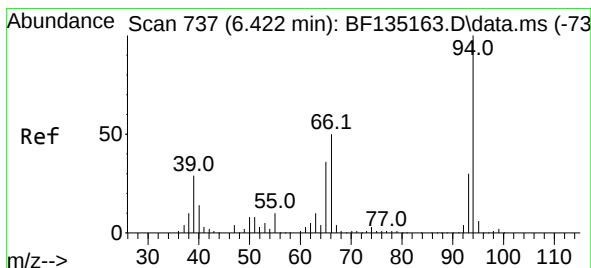
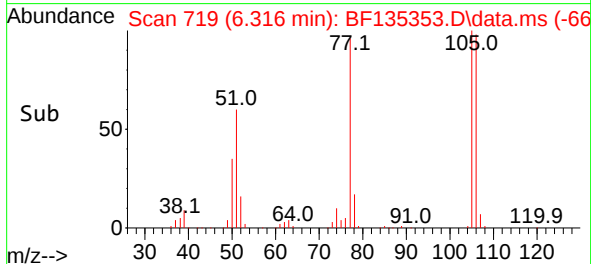
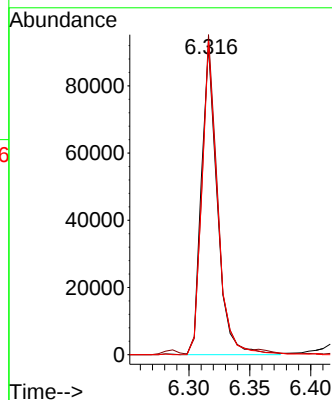
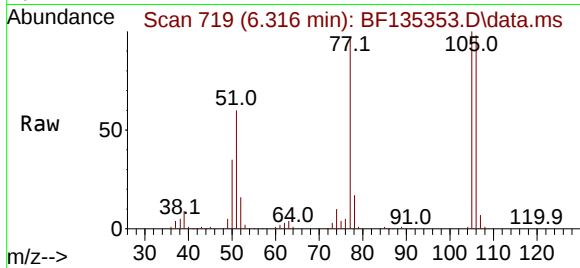
Tgt Ion: 77 Resp: 83546

Ion Ratio Lower Upper

77 100

105 103.7 81.4 121.4

106 101.6 76.9 116.9



#10

Phenol

Concen: 39.581 ng

RT: 6.422 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF135353.D

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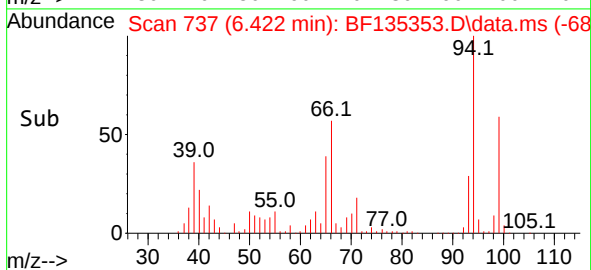
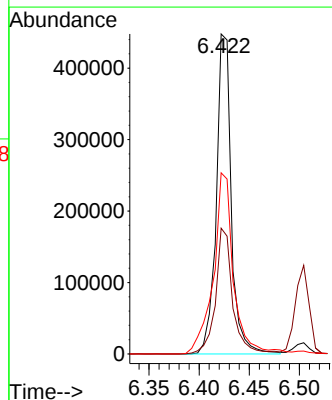
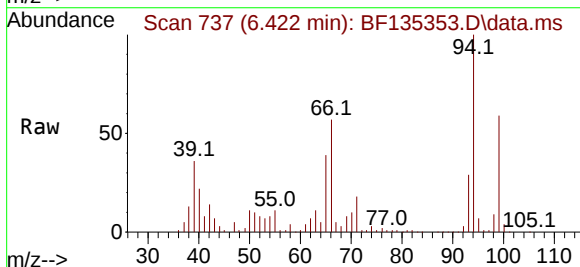
Tgt Ion: 94 Resp: 466840

Ion Ratio Lower Upper

94 100

65 39.3 15.9 55.9

66 56.6 29.8 69.8

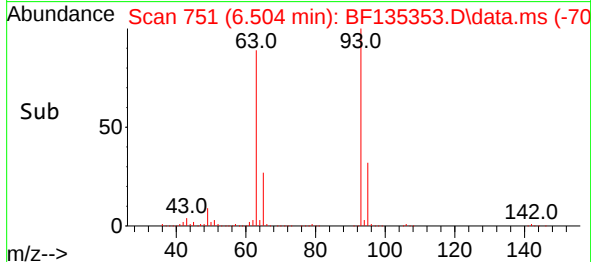
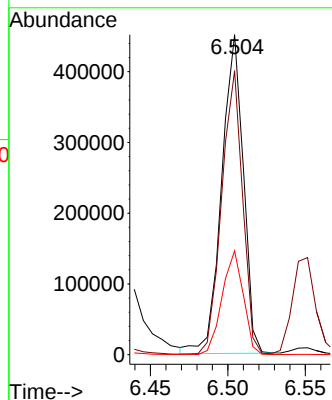
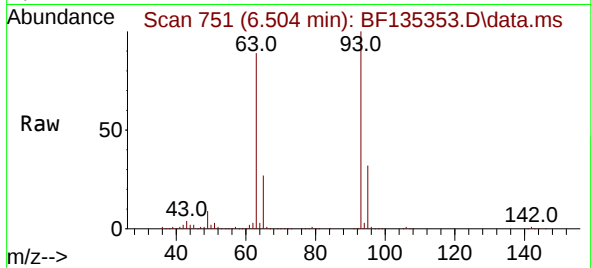




#11
bis(2-Chloroethyl)ether
Concen: 49.587 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

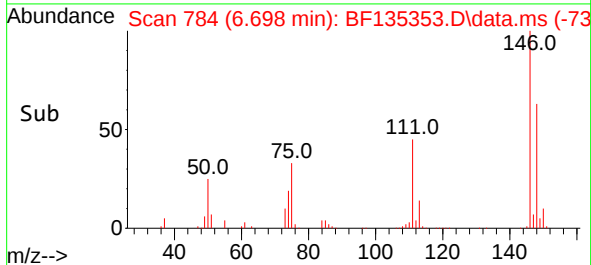
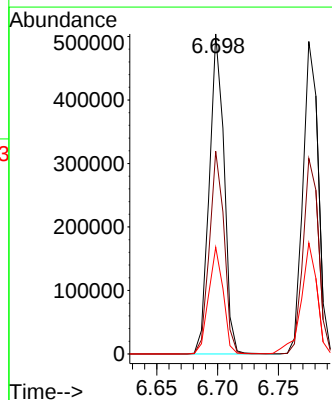
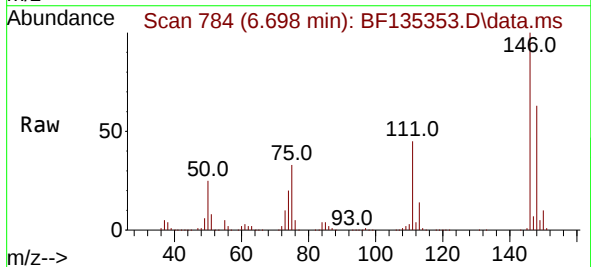
Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDEMSD

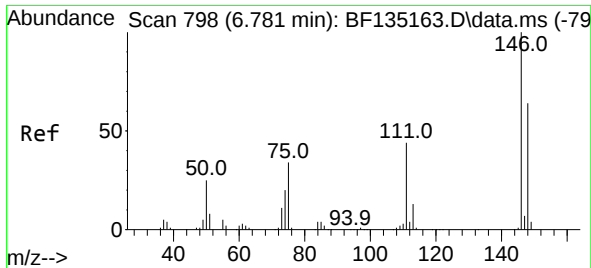
Tgt Ion: 93 Resp: 438697
Ion Ratio Lower Upper
93 100
63 88.7 67.3 107.3
95 32.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 46.415 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

Tgt Ion:146 Resp: 425954
Ion Ratio Lower Upper
146 100
148 63.4 51.3 76.9
75 33.3 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 46.736 ng

RT: 6.775 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

DEL-2-RIGHT-SIDEMSD

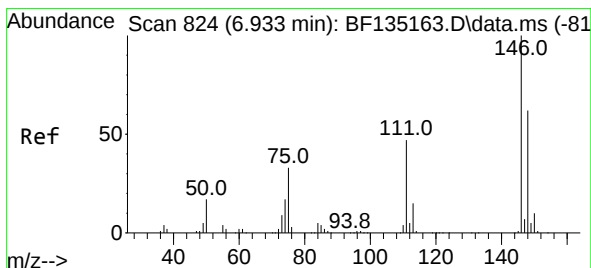
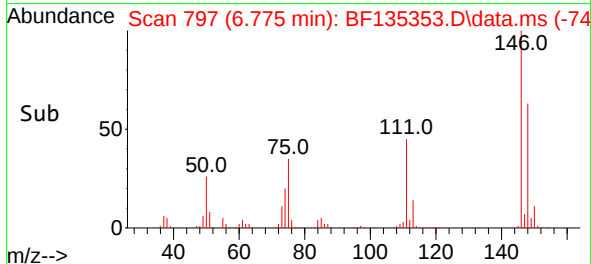
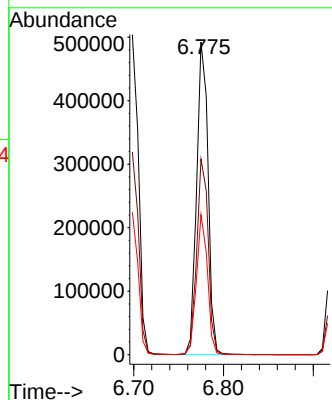
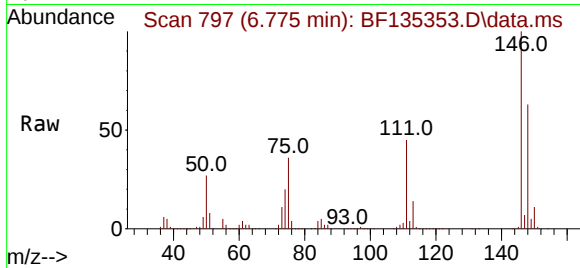
Tgt Ion:146 Resp: 436360

Ion Ratio Lower Upper

146 100

148 62.6 51.3 76.9

111 44.8 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 46.443 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

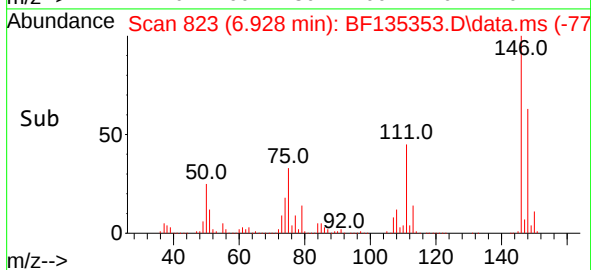
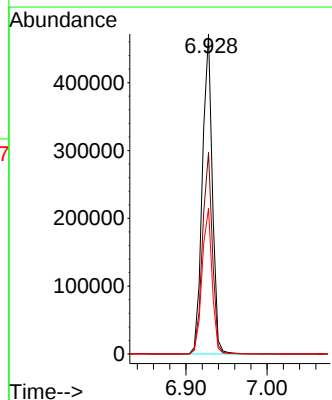
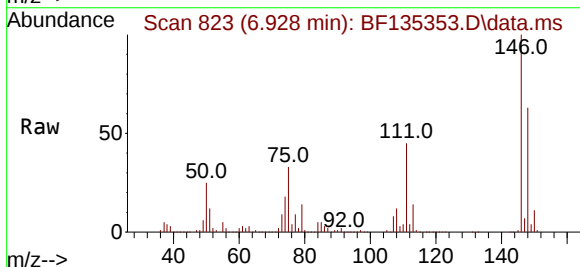
Tgt Ion:146 Resp: 402687

Ion Ratio Lower Upper

146 100

148 63.0 49.7 74.5

111 45.4 37.4 56.2

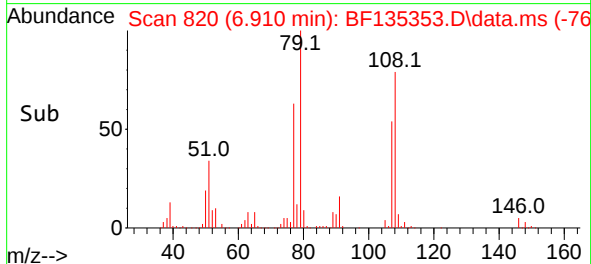
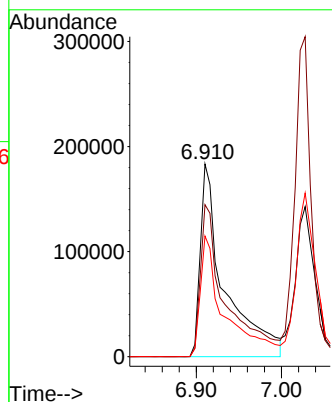
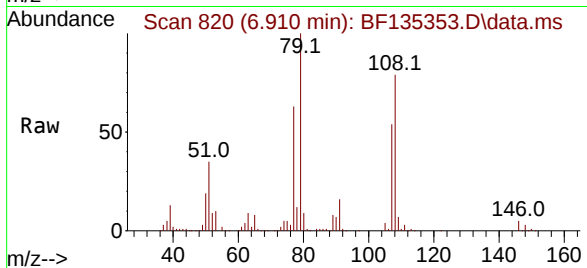




#15
Benzyl Alcohol
Concen: 47.039 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

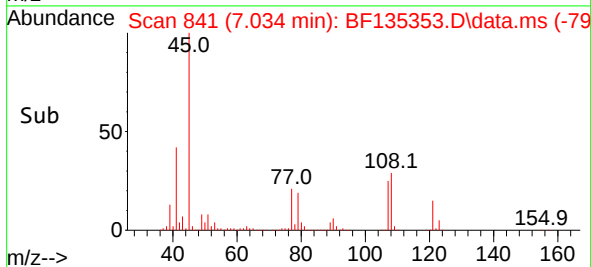
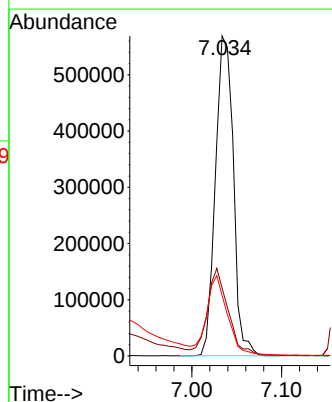
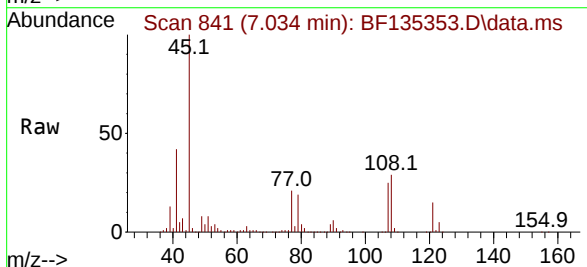
Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDEMSD

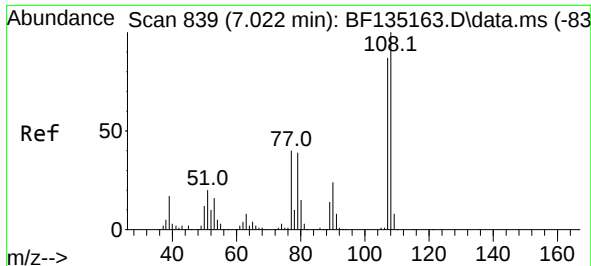
Tgt Ion: 79 Resp: 363069
Ion Ratio Lower Upper
79 100
108 78.9 61.2 91.8
77 62.7 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.343 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

Tgt Ion: 45 Resp: 789493
Ion Ratio Lower Upper
45 100
77 21.2 0.0 30.6
79 18.8 0.0 28.3

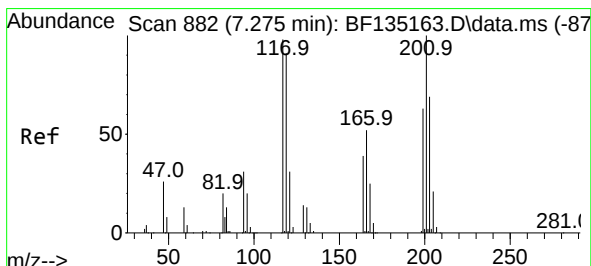
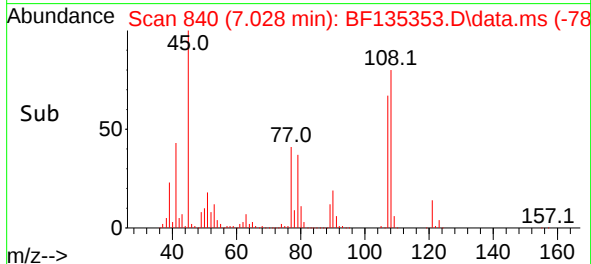
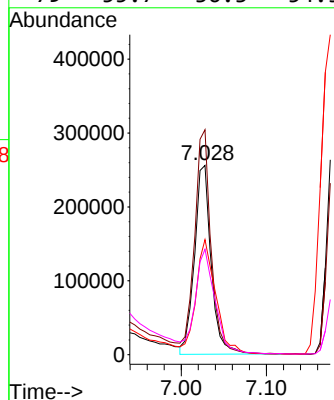
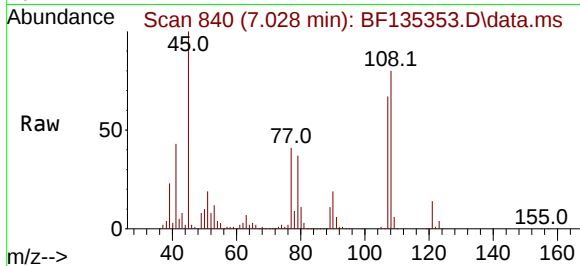




#17
2-Methylphenol
Concen: 43.798 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

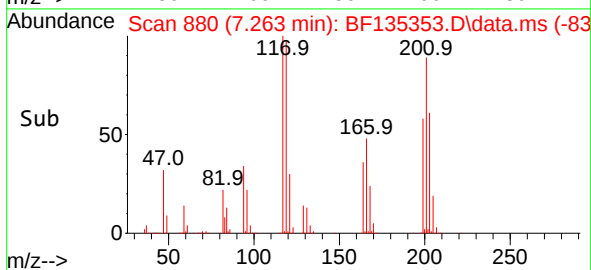
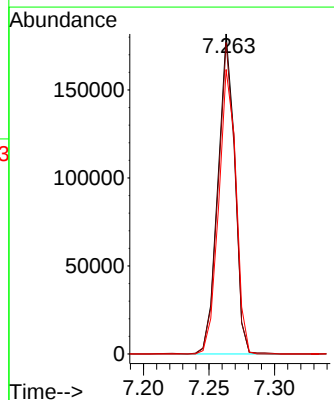
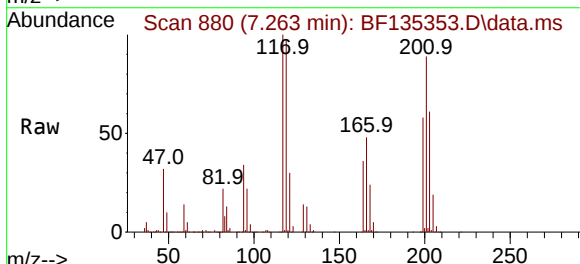
Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDEMSD

Tgt Ion:107 Resp: 349008
Ion Ratio Lower Upper
107 100
108 118.9 92.0 138.0
77 60.8 36.7 55.1#
79 55.7 36.3 54.5#



#18
Hexachloroethane
Concen: 46.940 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

Tgt Ion:117 Resp: 161936
Ion Ratio Lower Upper
117 100
119 97.3 74.7 112.1
201 88.9 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.882 ng

RT: 7.181 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF135353.D

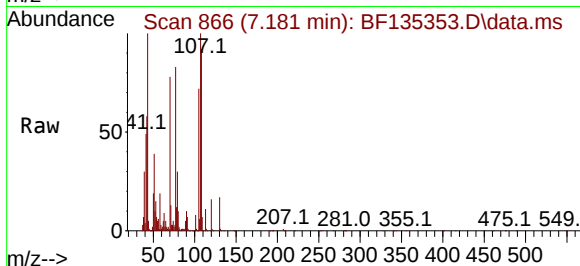
Acq: 20 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

DEL-2-RIGHT-SIDEMSD



Tgt Ion: 70 Resp: 285689

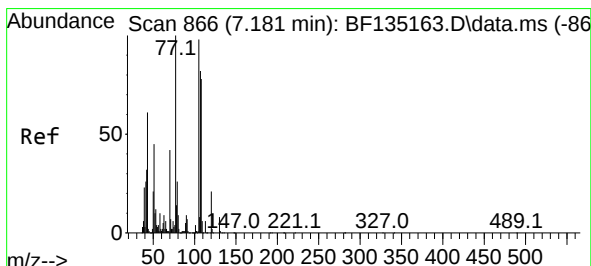
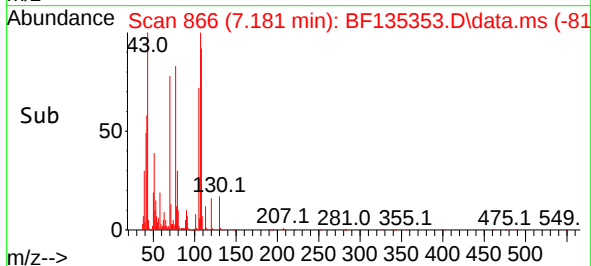
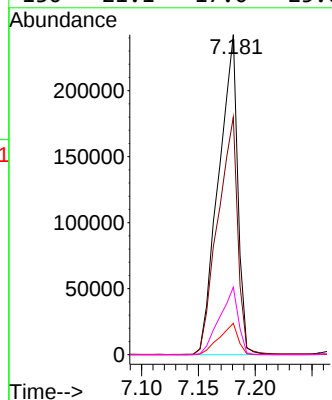
Ion Ratio Lower Upper

70 100

42 74.2 55.4 83.0

101 9.8 7.7 11.5

130 21.1 17.0 25.6



#20

3+4-Methylphenols

Concen: 42.495 ng

RT: 7.181 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

Tgt Ion: 107 Resp: 407189

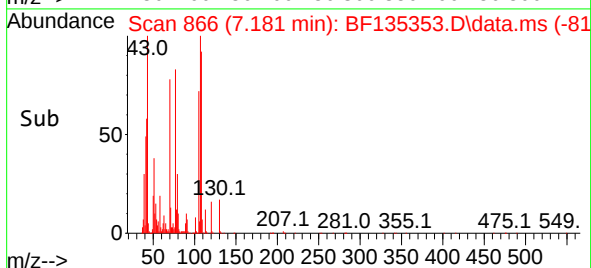
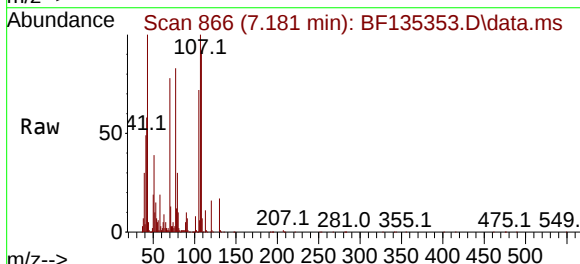
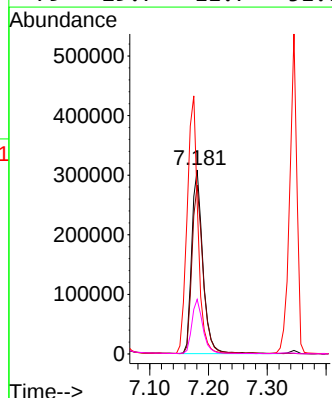
Ion Ratio Lower Upper

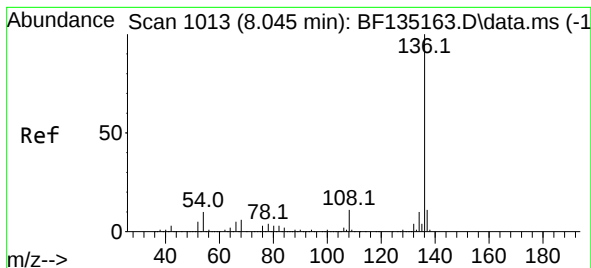
107 100

108 91.7 74.7 114.7

77 82.7 102.0 142.0#

79 29.7 11.7 51.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.040 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135353.D

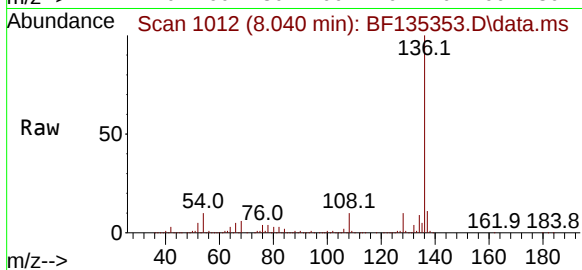
Acq: 20 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

DEL-2-RIGHT-SIDEMSD



Tgt Ion:136 Resp: 530342

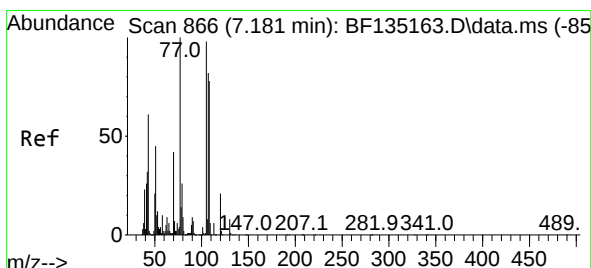
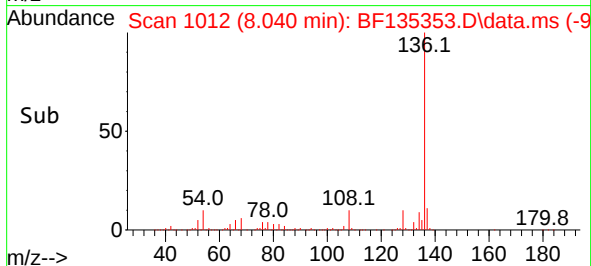
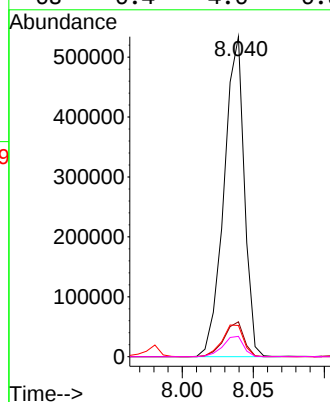
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 9.8 7.7 11.5

68 6.4 4.6 6.8



#22

Acetophenone

Concen: 46.251 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

Tgt Ion:105 Resp: 560792

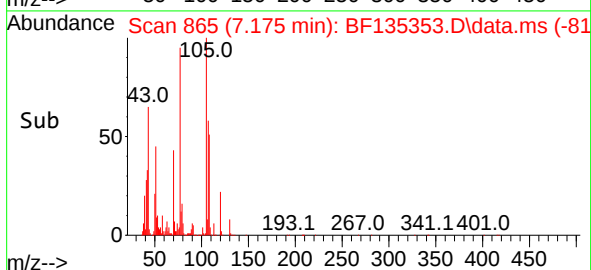
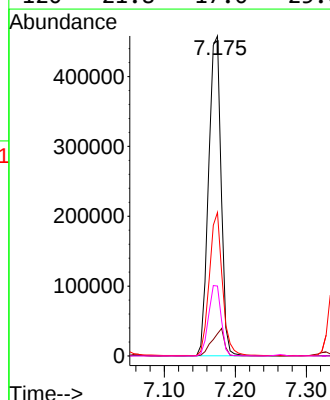
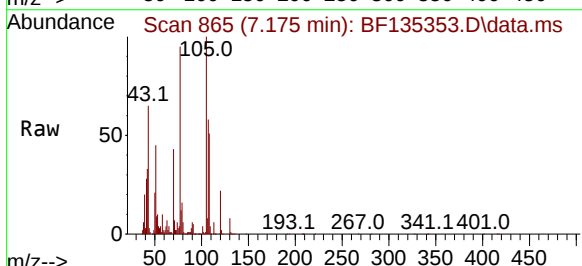
Ion Ratio Lower Upper

105 100

71 7.0 5.8 8.6

51 44.8 37.0 55.4

120 21.8 17.0 25.6





#23

Nitrobenzene-d5

Concen: 92.019 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135353.D

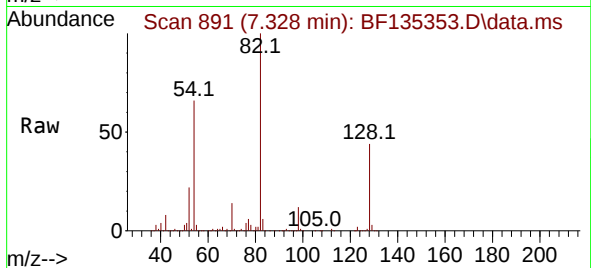
Acq: 20 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

DEL-2-RIGHT-SIDEMSD



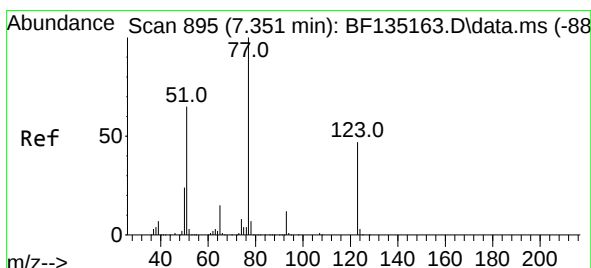
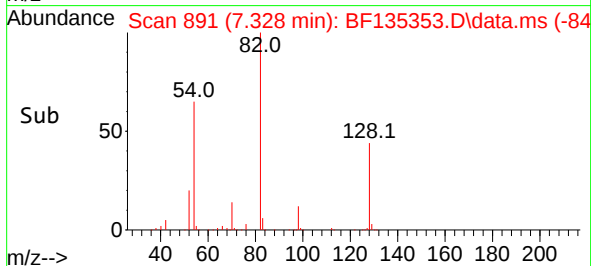
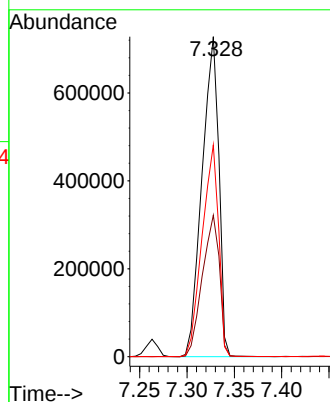
Tgt Ion: 82 Resp: 898254

Ion Ratio Lower Upper

82 100

128 44.2 35.8 53.6

54 66.2 50.6 76.0



#24

Nitrobenzene

Concen: 47.685 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

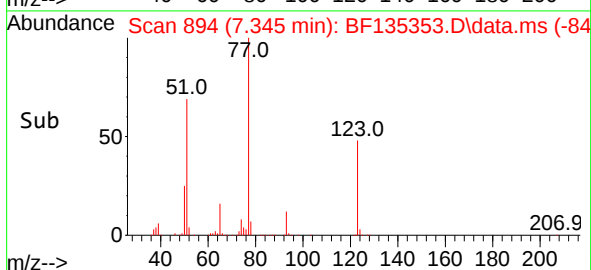
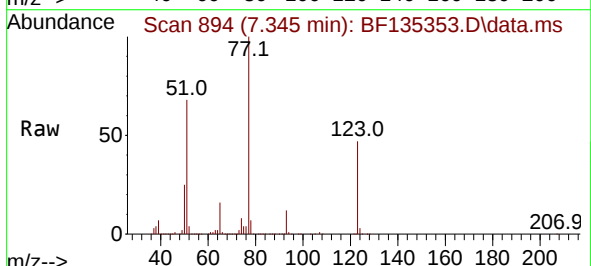
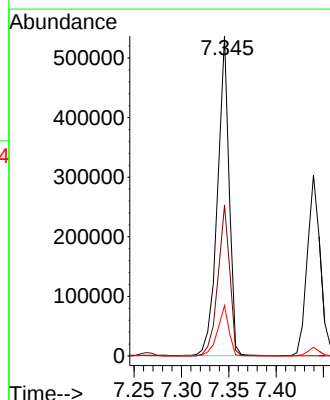
Tgt Ion: 77 Resp: 460080

Ion Ratio Lower Upper

77 100

123 47.1 37.6 56.4

65 15.7 12.2 18.4

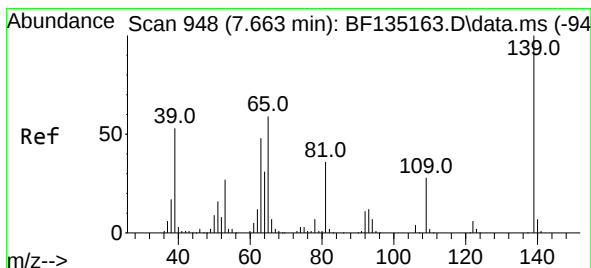
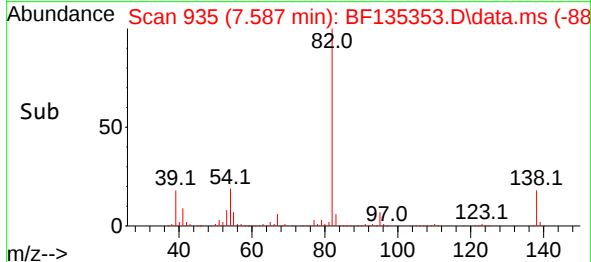
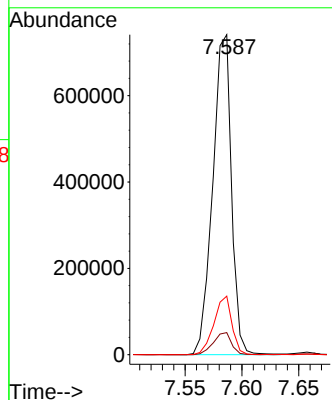
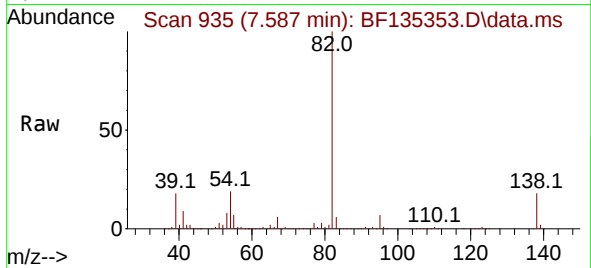




#25
Isophorone
Concen: 47.493 ng
RT: 7.587 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

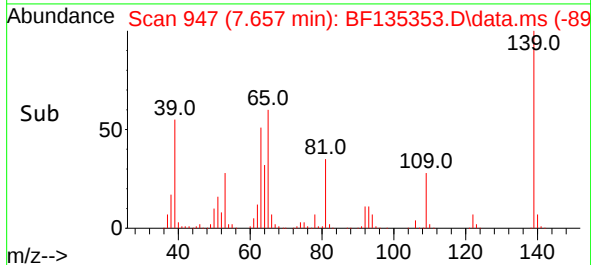
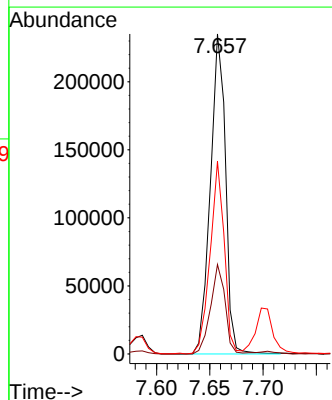
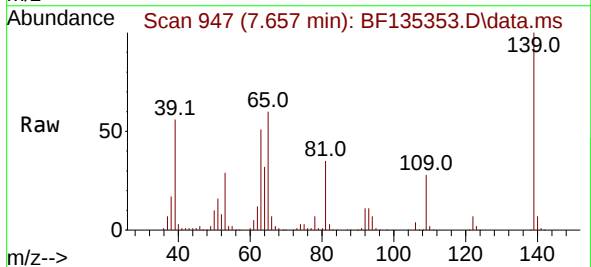
Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDEMSD

Tgt Ion: 82 Resp: 851307
Ion Ratio Lower Upper
82 100
95 6.9 6.0 9.0
138 18.3 14.5 21.7



#26
2-Nitrophenol
Concen: 50.274 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

Tgt Ion:139 Resp: 232805
Ion Ratio Lower Upper
139 100
109 28.0 22.6 33.8
65 60.2 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 45.629 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135353.D

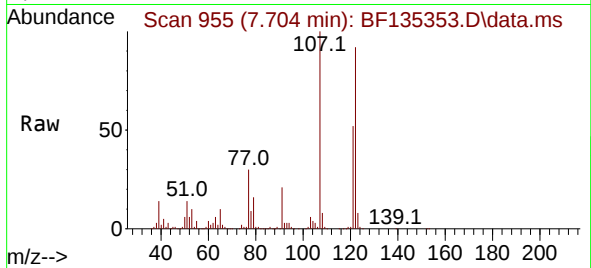
Acq: 20 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

DEL-2-RIGHT-SIDEMSD



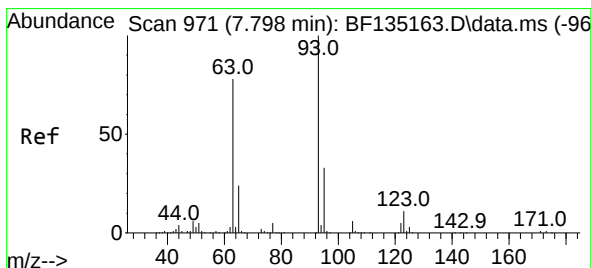
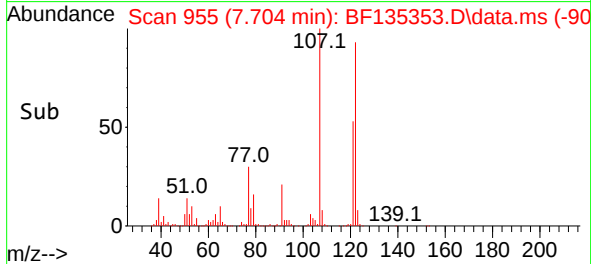
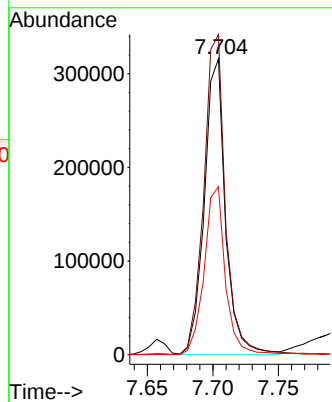
Tgt Ion:122 Resp: 355161

Ion Ratio Lower Upper

122 100

107 108.1 90.2 135.4

121 56.8 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 49.630 ng

RT: 7.792 min Scan# 970

Delta R.T. -0.006 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

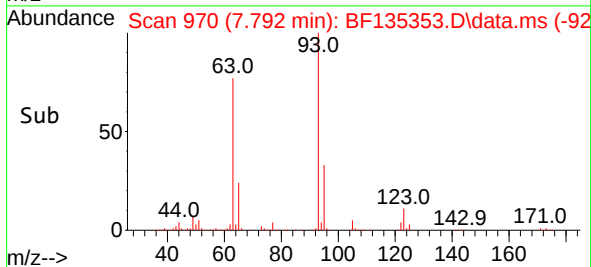
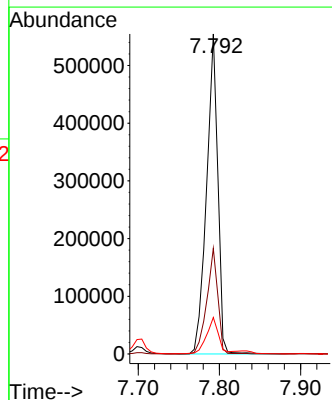
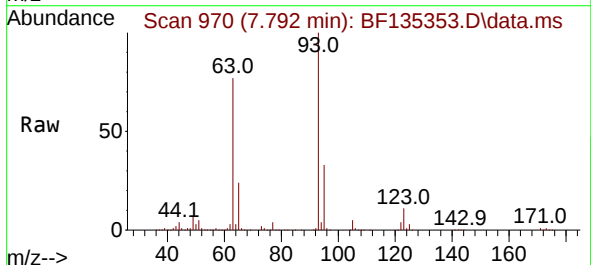
Tgt Ion: 93 Resp: 532465

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.2

123 11.4 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 48.781 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135353.D

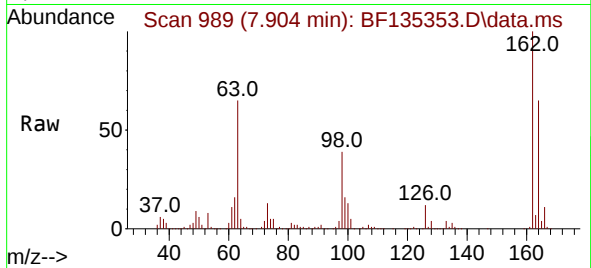
Acq: 20 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

DEL-2-RIGHT-SIDEMSD



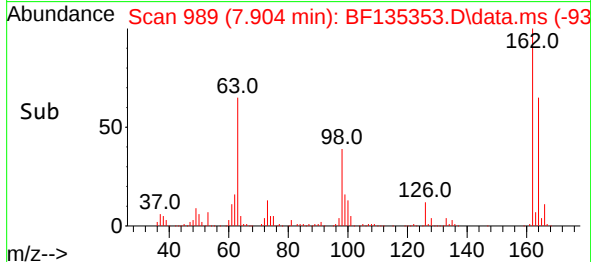
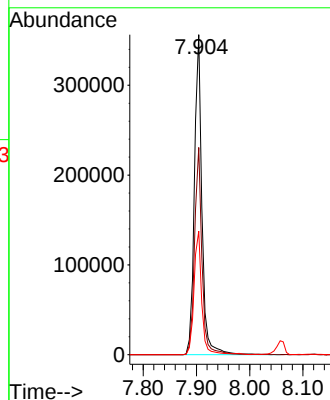
Tgt Ion:162 Resp: 351830

Ion Ratio Lower Upper

162 100

164 64.8 44.1 84.1

98 38.6 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 47.976 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

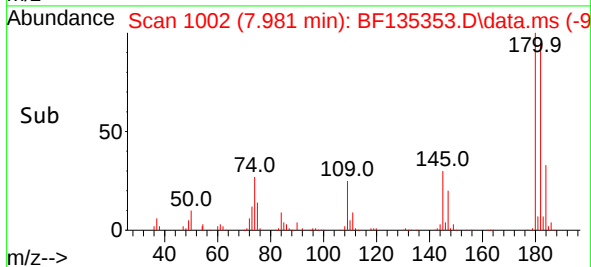
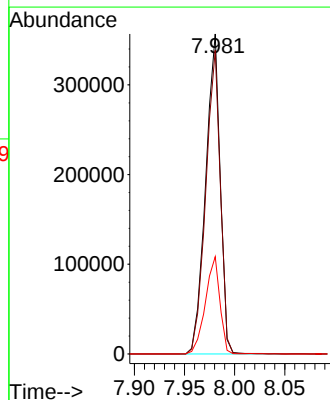
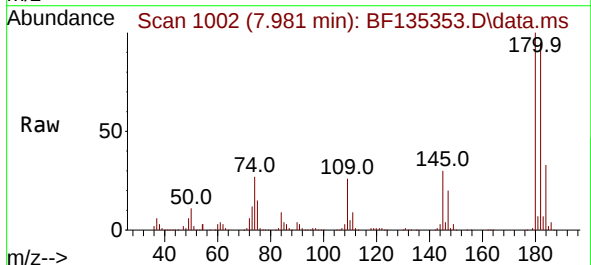
Tgt Ion:180 Resp: 361676

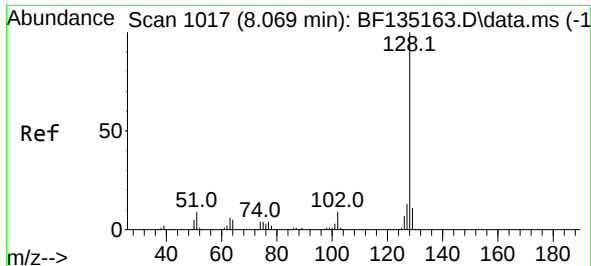
Ion Ratio Lower Upper

180 100

182 94.9 76.9 115.3

145 30.4 24.5 36.7

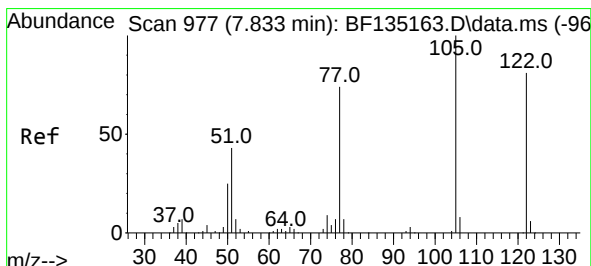
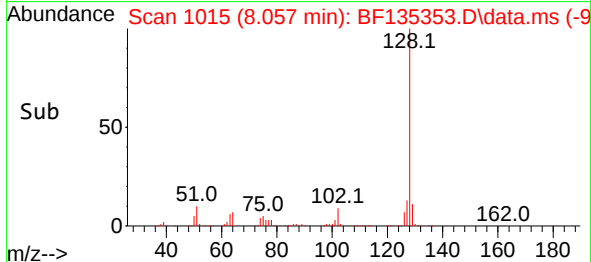
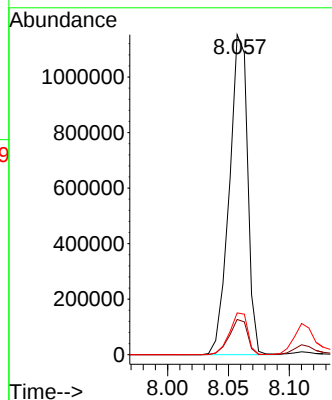
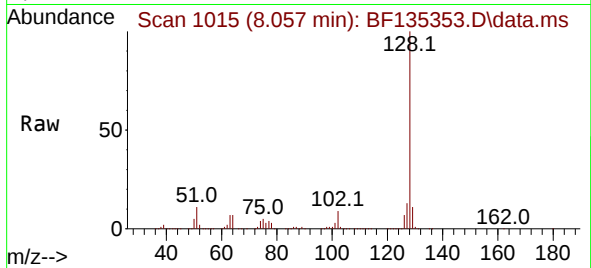




#31
Naphthalene
Concen: 46.858 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

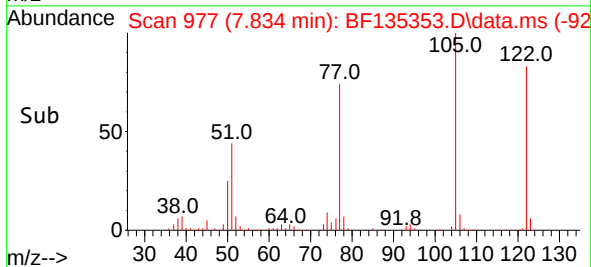
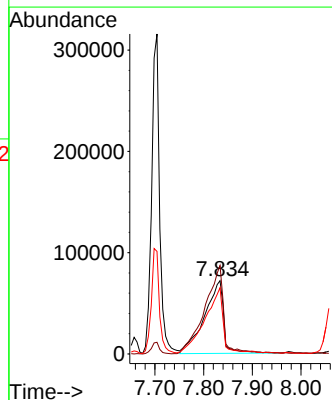
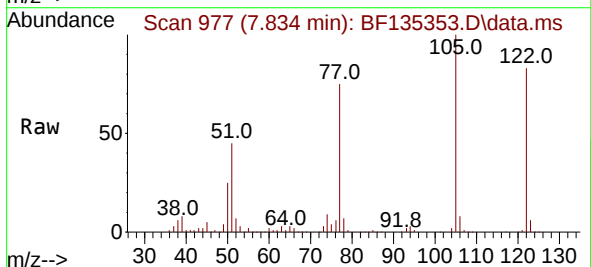
Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDEMSD

Tgt Ion:128 Resp: 1207437
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.7 16.1



#32
Benzoic acid
Concen: 33.599 ng
RT: 7.834 min Scan# 977
Delta R.T. 0.000 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

Tgt Ion:122 Resp: 196927
Ion Ratio Lower Upper
122 100
105 120.7 99.9 139.9
77 90.5 70.0 110.0

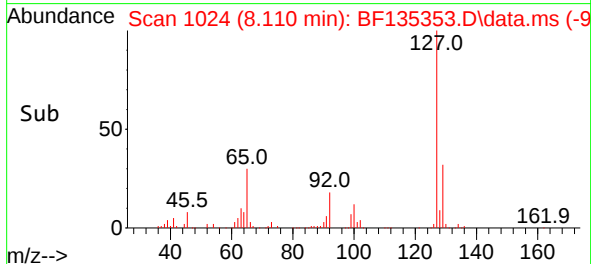
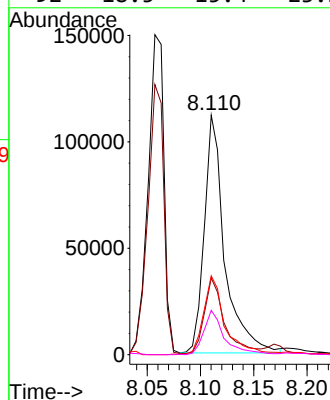
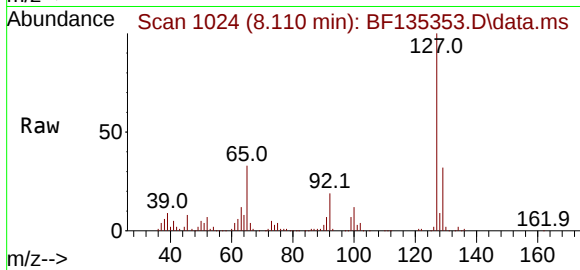




#33
4-Chloroaniline
Concen: 13.181 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

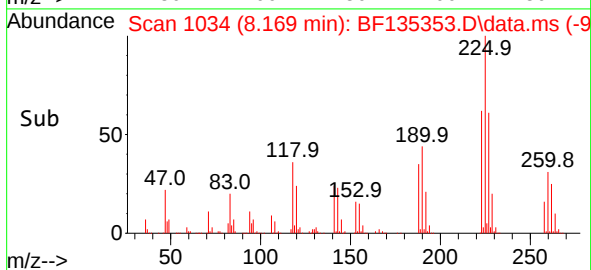
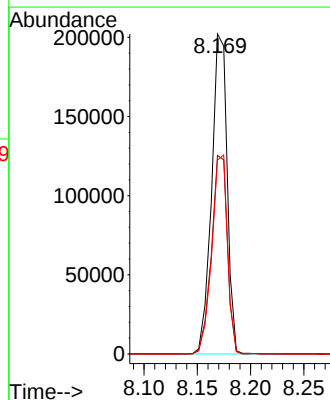
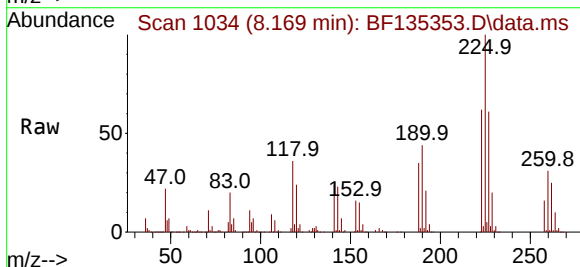
Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDEMSD

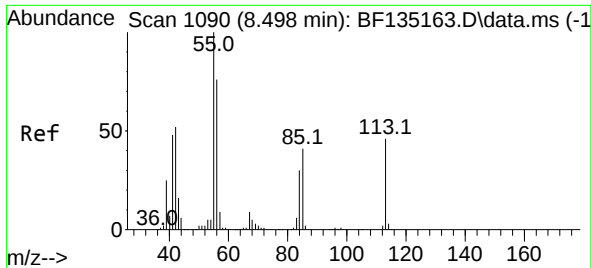
Tgt Ion:	127	Resp:	149018
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.8	38.8
65	33.0	26.6	39.8
92	18.5	15.4	23.2



#34
Hexachlorobutadiene
Concen: 45.005 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

Tgt Ion:	225	Resp:	204577
Ion Ratio	Lower	Upper	
225	100		
223	62.0	50.6	75.8
227	60.6	50.8	76.2

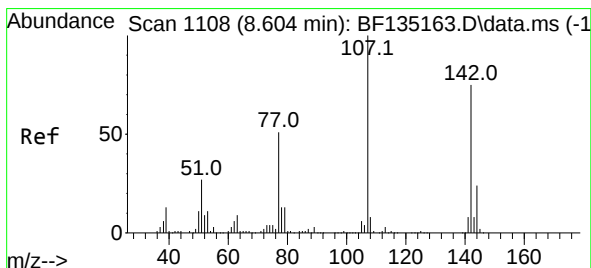
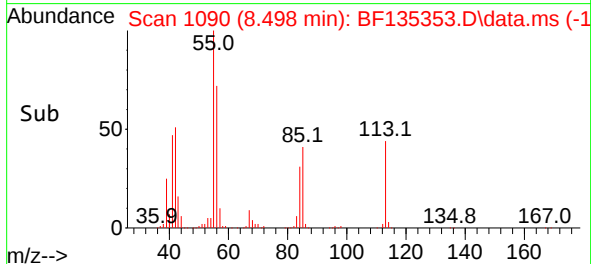
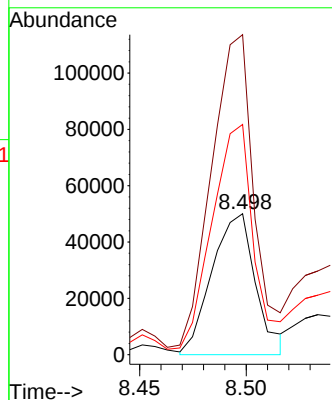
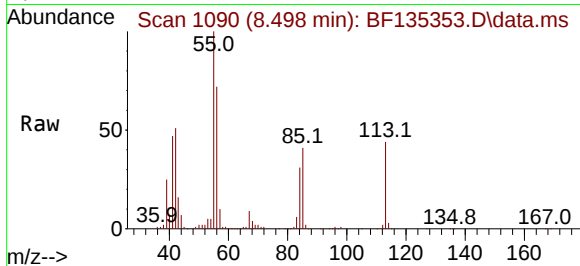




#35
 Caprolactam
 Concen: 29.520 ng
 RT: 8.498 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF135353.D
 Acq: 20 Sep 2023 12:58

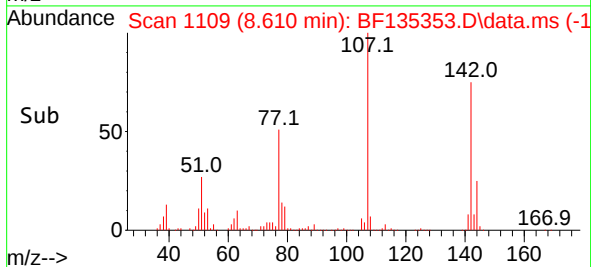
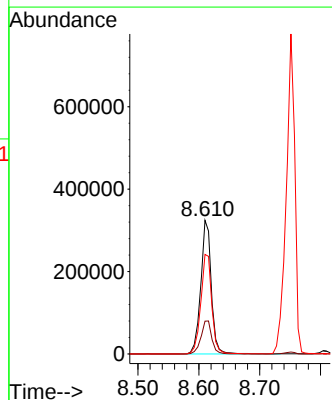
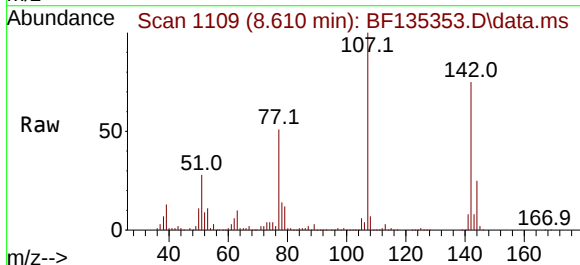
Instrument :
 BNA_F
 ClientSampleId :
 DEL-2-RIGHT-SIDEMSD

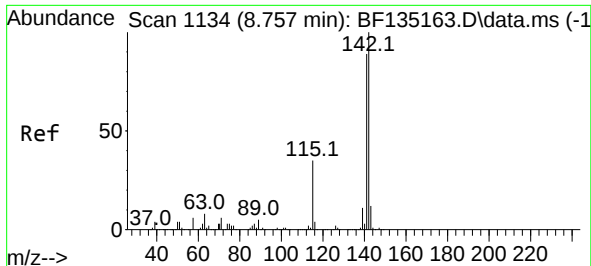
Tgt Ion:113 Resp: 71456
 Ion Ratio Lower Upper
 113 100
 55 226.9 199.3 239.3
 56 163.3 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 48.692 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135353.D
 Acq: 20 Sep 2023 12:58

Tgt Ion:107 Resp: 390320
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.0 28.4
 142 74.6 60.2 90.2





#37

2-Methylnaphthalene

Concen: 44.321 ng

RT: 8.751 min Scan# 1134

Delta R.T. -0.006 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

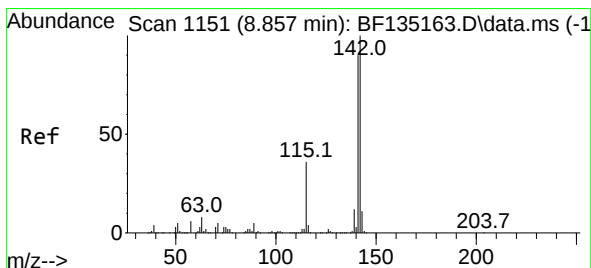
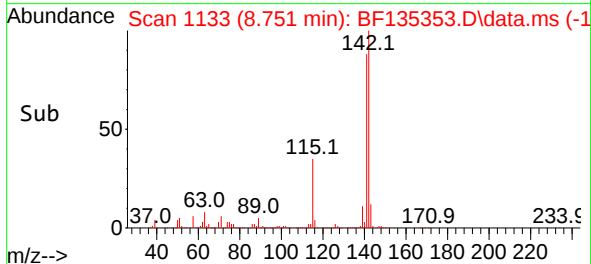
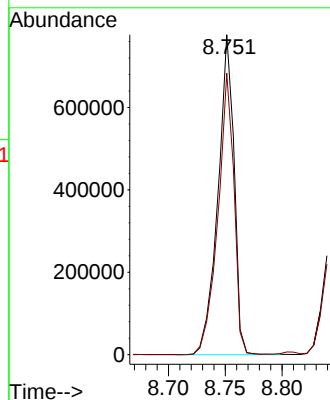
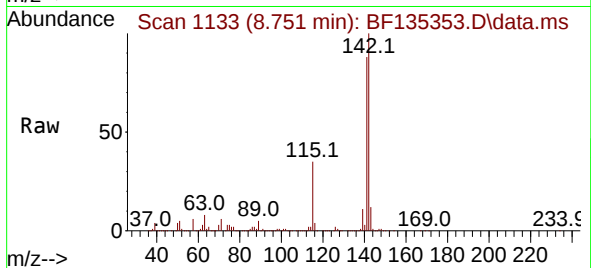
DEL-2-RIGHT-SIDEMSD

Tgt Ion:142 Resp: 767690

Ion Ratio Lower Upper

142 100

141 87.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 45.424 ng

RT: 8.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF135353.D

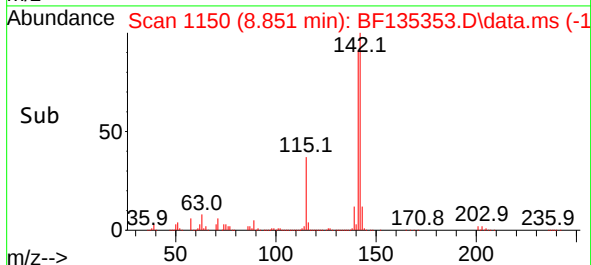
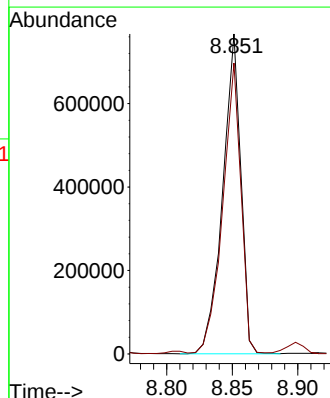
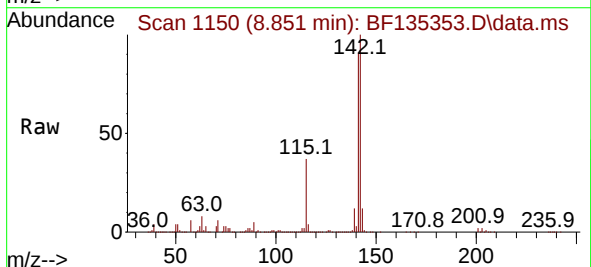
Acq: 20 Sep 2023 12:58

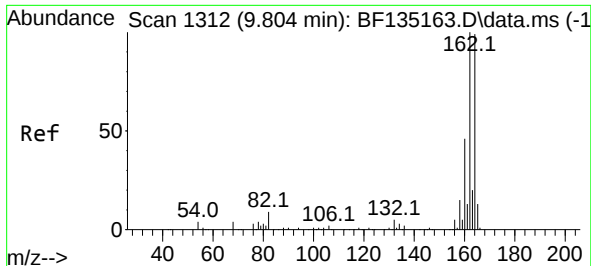
Tgt Ion:142 Resp: 736627

Ion Ratio Lower Upper

142 100

141 90.9 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

DEL-2-RIGHT-SIDEMSD

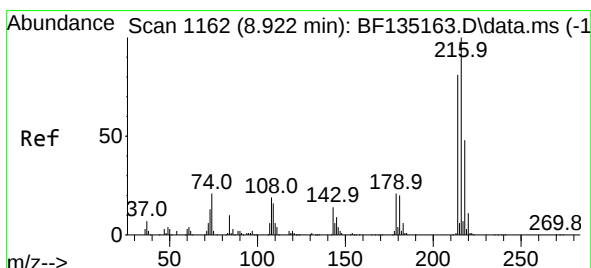
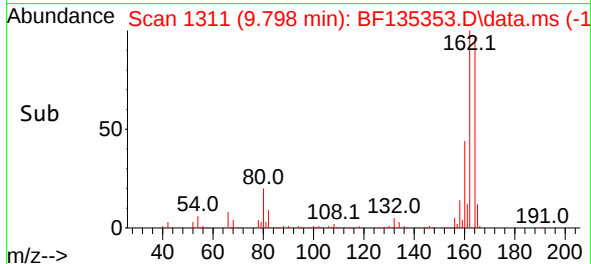
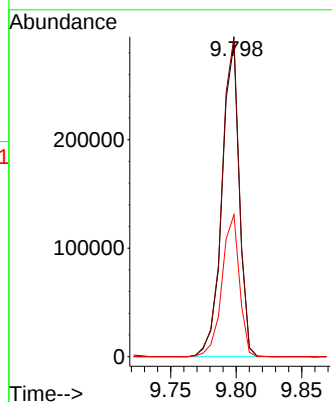
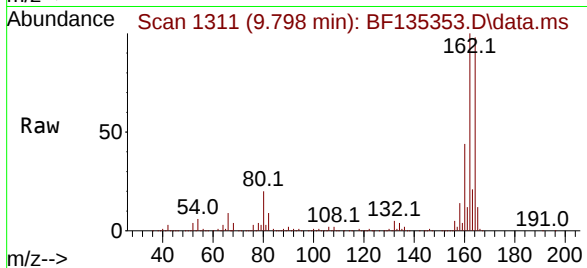
Tgt Ion:164 Resp: 263989

Ion Ratio Lower Upper

164 100

162 102.0 81.0 121.4

160 45.3 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.730 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

Tgt Ion:216 Resp: 357389

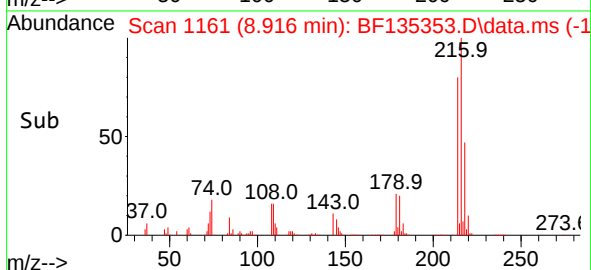
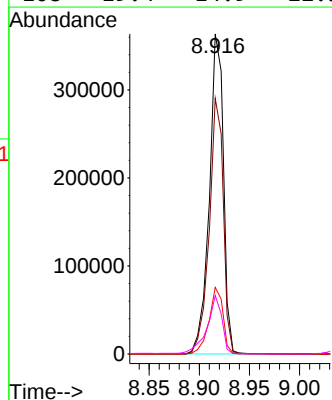
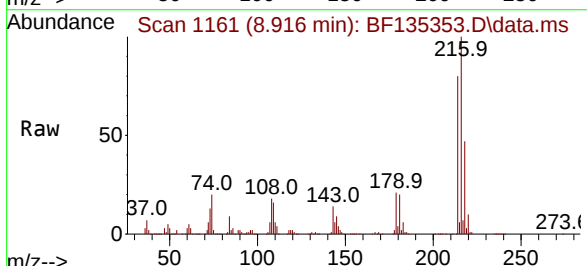
Ion Ratio Lower Upper

216 100

214 79.3 63.7 95.5

179 20.7 16.7 25.1

108 19.4 14.9 22.3

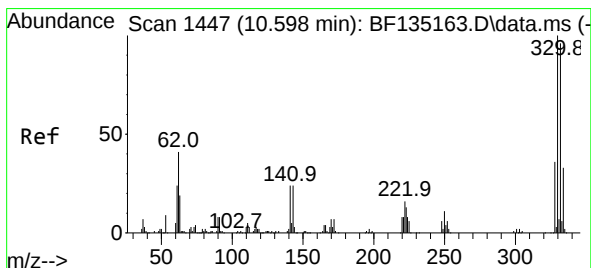
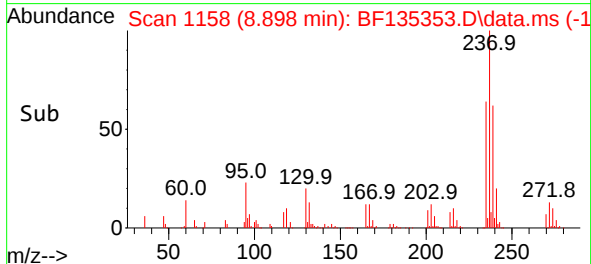
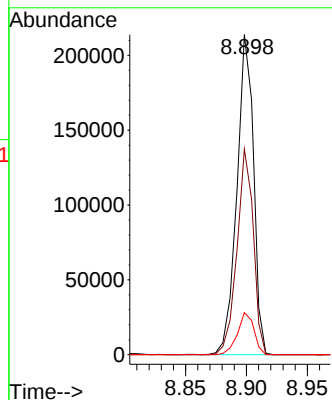
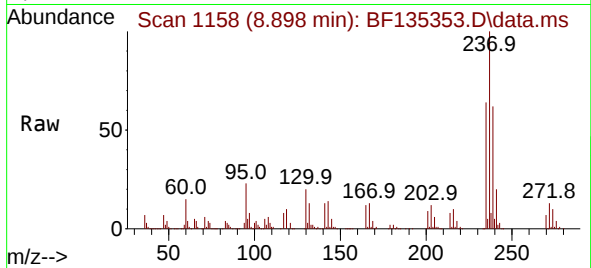




#41
Hexachlorocyclopentadiene
Concen: 62.148 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

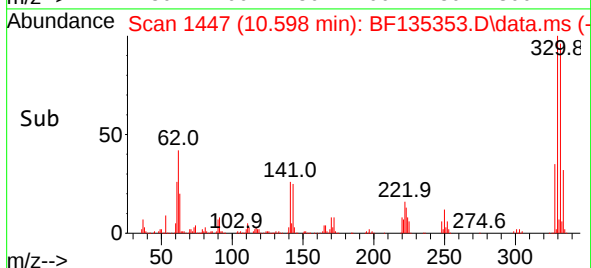
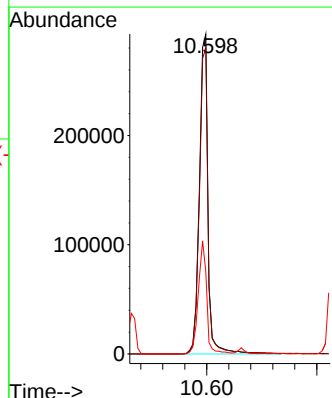
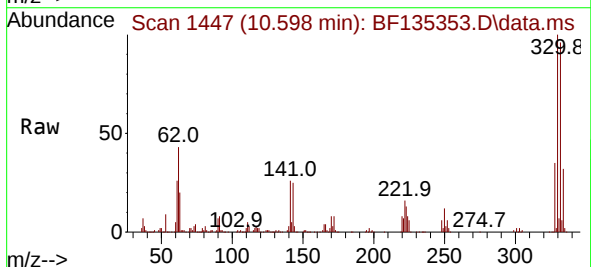
Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDEMSD

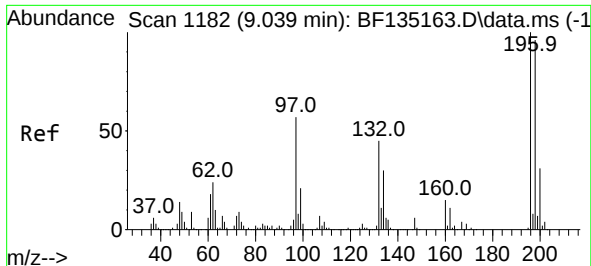
Tgt Ion:237 Resp: 203317
Ion Ratio Lower Upper
237 100
235 64.2 41.8 81.8
272 13.1 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 121.914 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

Tgt Ion:330 Resp: 319830
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 34.3 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 49.243 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

DEL-2-RIGHT-SIDEMSD

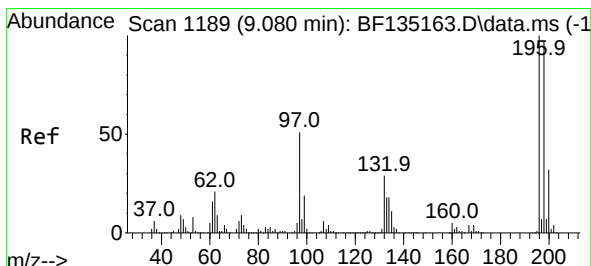
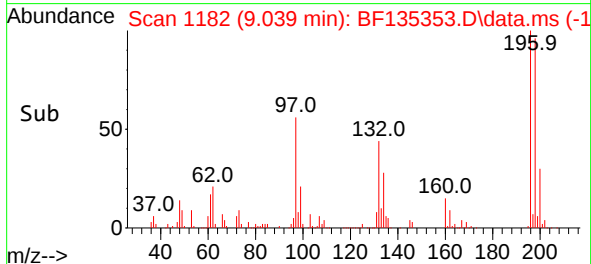
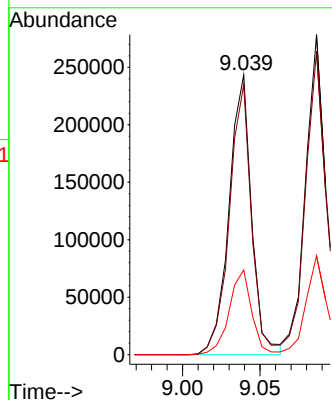
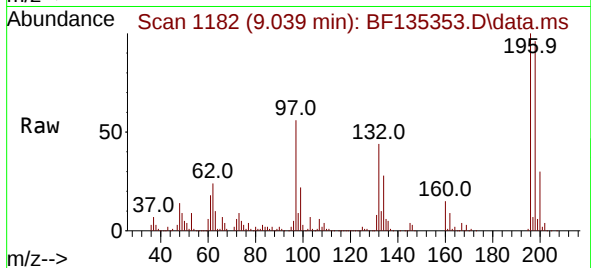
Tgt Ion:196 Resp: 246584

Ion Ratio Lower Upper

196 100

198 96.5 77.0 115.6

200 30.3 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 45.962 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

Tgt Ion:196 Resp: 265048

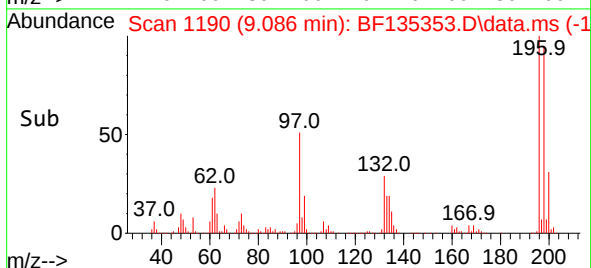
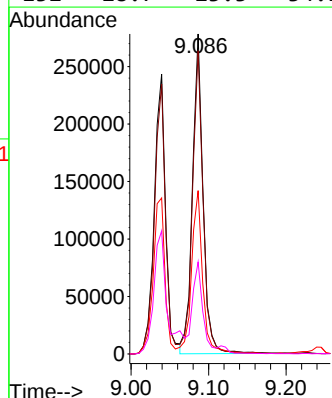
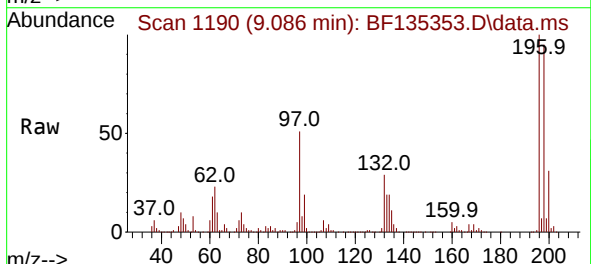
Ion Ratio Lower Upper

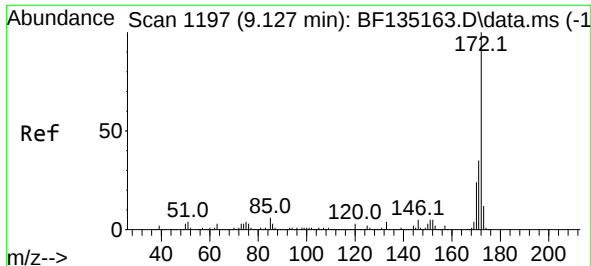
196 100

198 94.8 77.5 116.3

97 51.1 40.5 60.7

132 28.7 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 84.672 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

DEL-2-RIGHT-SIDEMSD

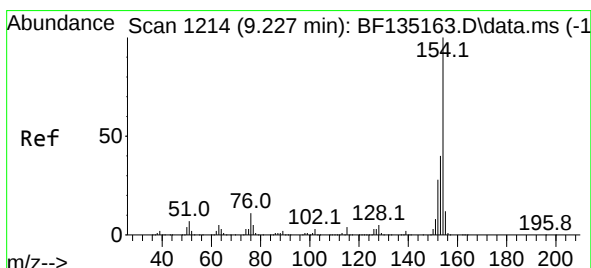
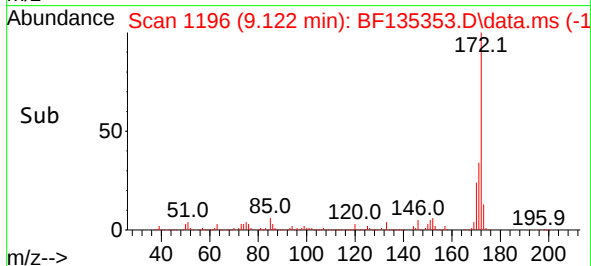
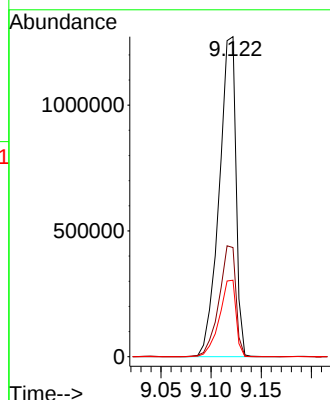
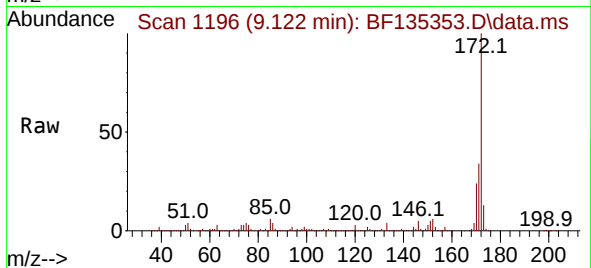
Tgt Ion:172 Resp: 1481547

Ion Ratio Lower Upper

172 100

171 34.1 28.4 42.6

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 47.470 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

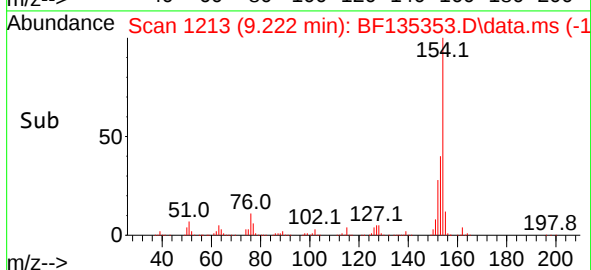
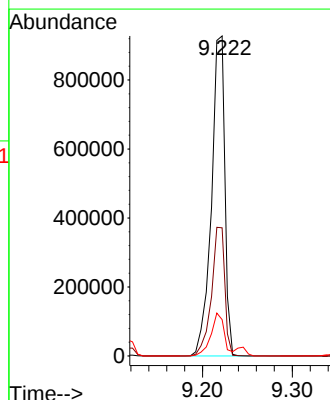
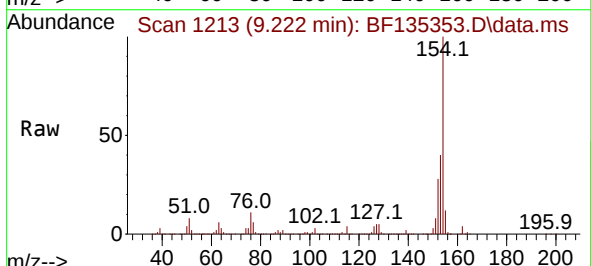
Tgt Ion:154 Resp: 963041

Ion Ratio Lower Upper

154 100

153 40.1 19.6 59.6

76 11.4 0.0 31.0





#47

2-Chloronaphthalene

Concen: 48.948 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

DEL-2-RIGHT-SIDEMSD

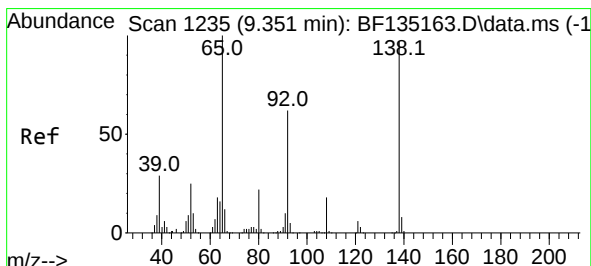
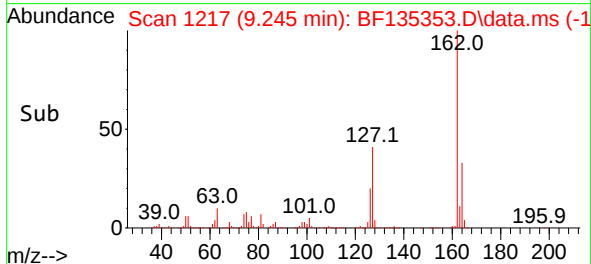
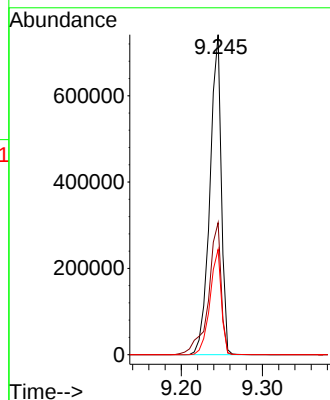
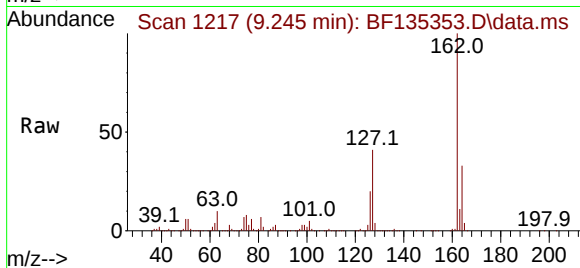
Tgt Ion:162 Resp: 720486

Ion Ratio Lower Upper

162 100

127 41.2 32.6 48.8

164 32.9 26.2 39.2



#48

2-Nitroaniline

Concen: 49.761 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

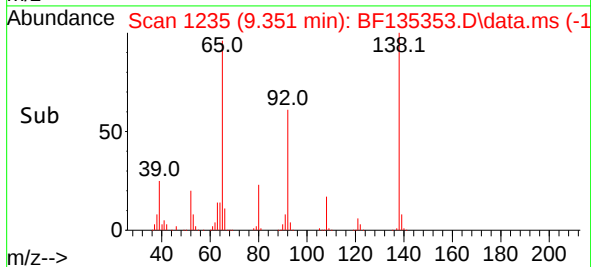
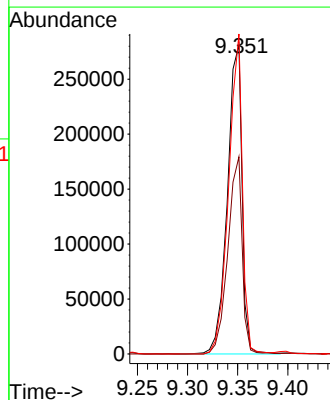
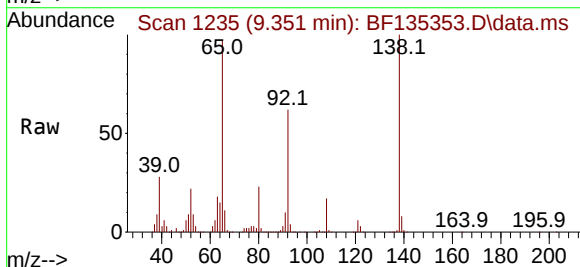
Tgt Ion: 65 Resp: 284558

Ion Ratio Lower Upper

65 100

92 63.8 49.4 74.0

138 103.6 77.4 116.0





#49

Acenaphthylene

Concen: 48.505 ng

RT: 9.663 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

DEL-2-RIGHT-SIDEMSD

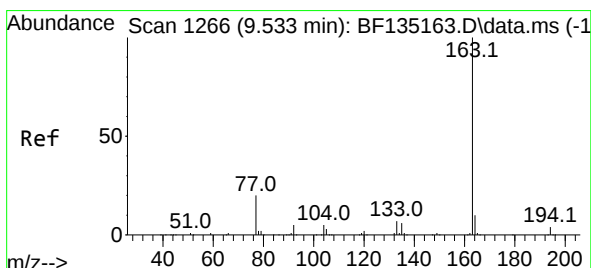
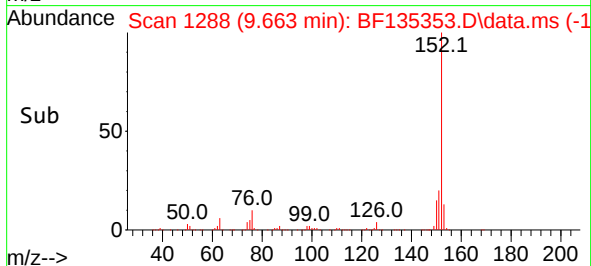
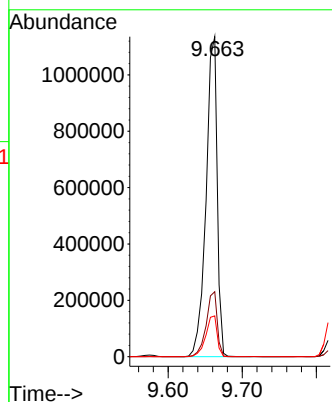
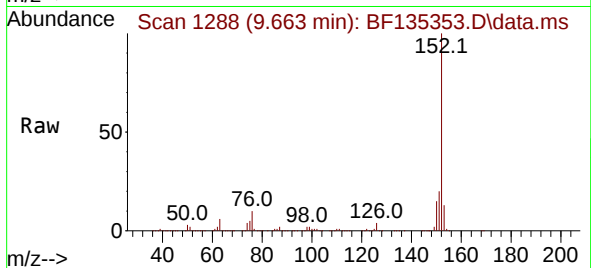
Tgt Ion:152 Resp: 1186566

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

153 12.7 10.4 15.6



#50

Dimethylphthalate

Concen: 48.266 ng

RT: 9.528 min Scan# 1265

Delta R.T. -0.005 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

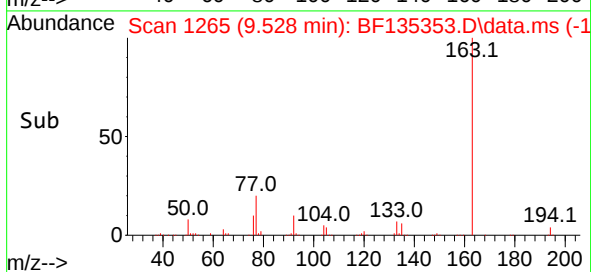
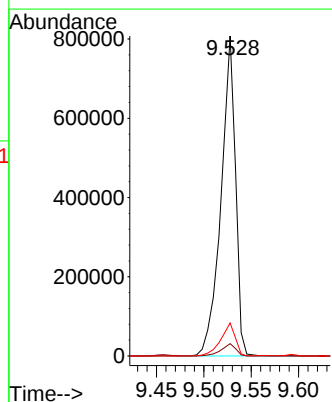
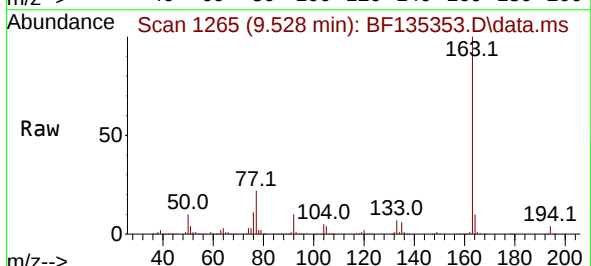
Tgt Ion:163 Resp: 861472

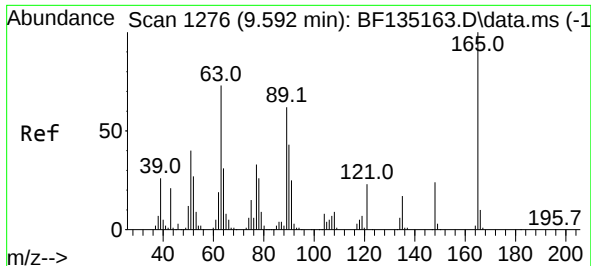
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 49.229 ng

RT: 9.592 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

DEL-2-RIGHT-SIDEMSD

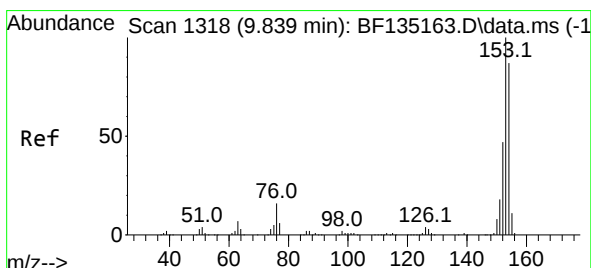
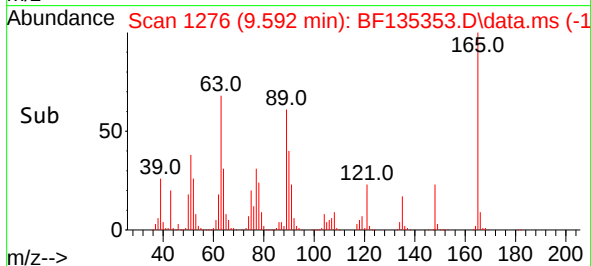
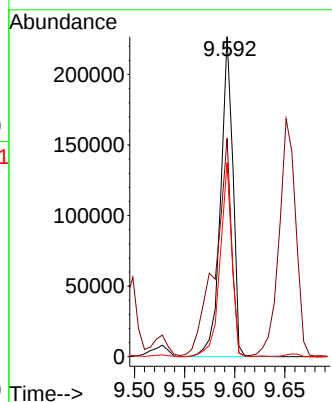
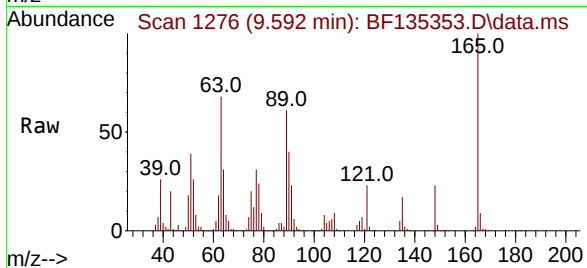
Tgt Ion:165 Resp: 192486

Ion Ratio Lower Upper

165 100

63 68.3 59.4 89.2

89 60.6 49.8 74.8



#52

Acenaphthene

Concen: 48.082 ng

RT: 9.834 min Scan# 1317

Delta R.T. -0.005 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

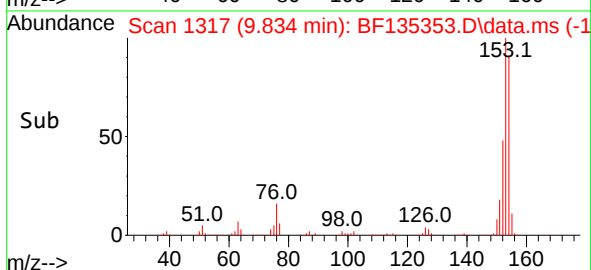
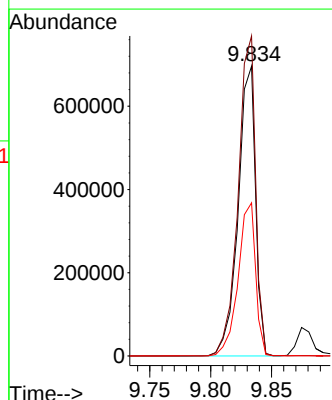
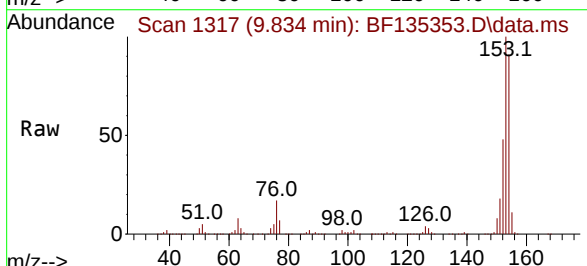
Tgt Ion:154 Resp: 694847

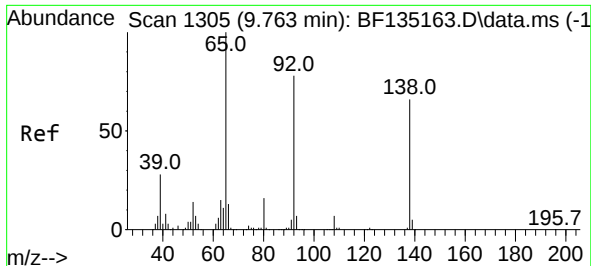
Ion Ratio Lower Upper

154 100

153 110.4 92.1 138.1

152 52.8 43.1 64.7

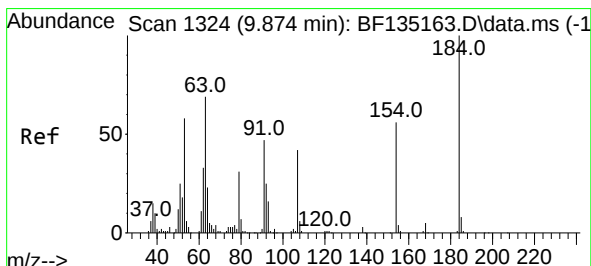
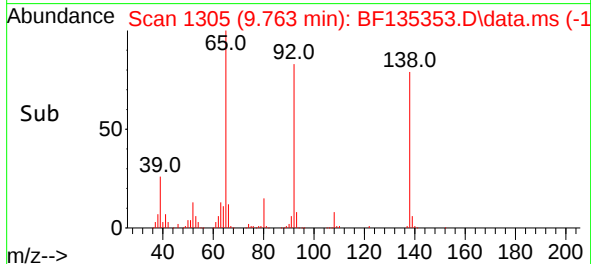
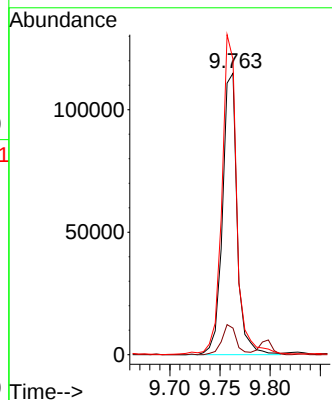
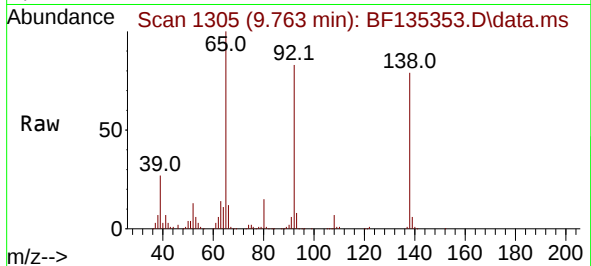




#53
3-Nitroaniline
Concen: 25.420 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

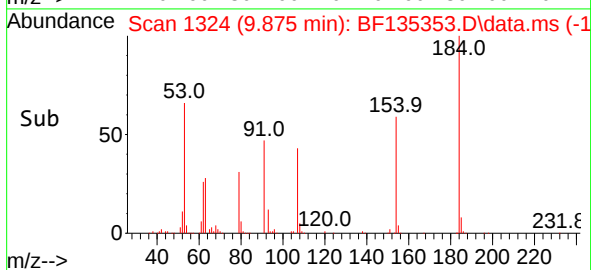
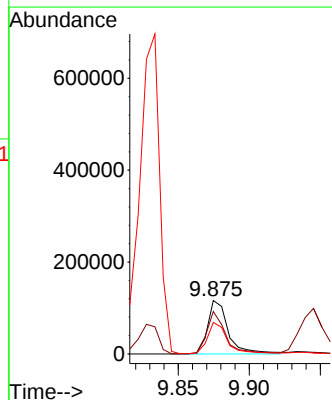
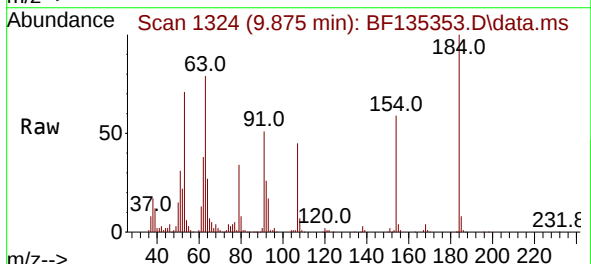
Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDEMSD

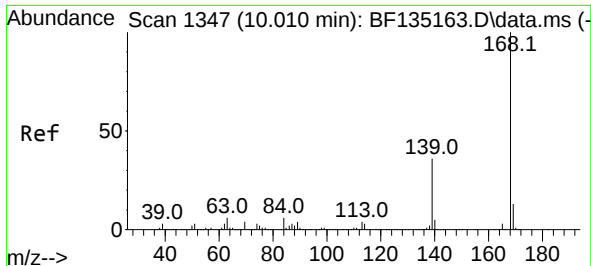
Tgt Ion:138 Resp: 116671
Ion Ratio Lower Upper
138 100
108 9.5 8.5 12.7
92 104.9 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 55.021 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

Tgt Ion:184 Resp: 117433
Ion Ratio Lower Upper
184 100
63 79.4 55.1 82.7
154 58.9 48.4 72.6

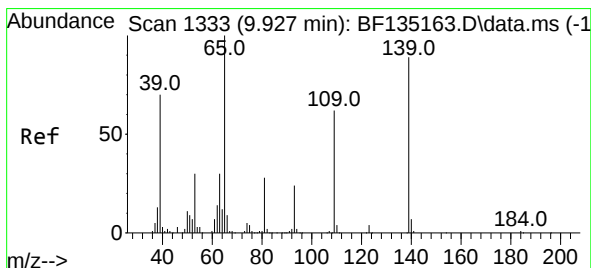
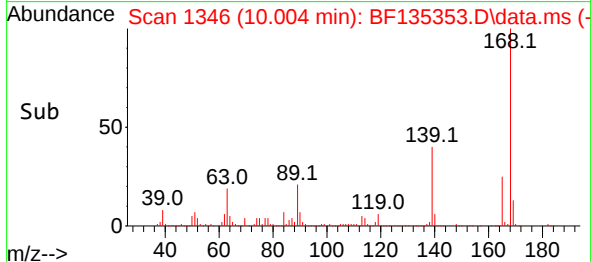
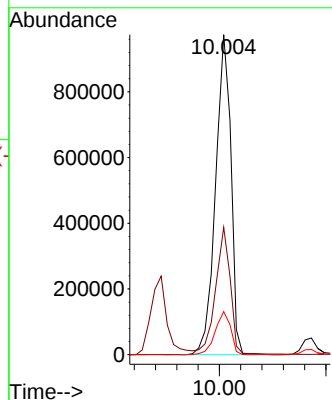
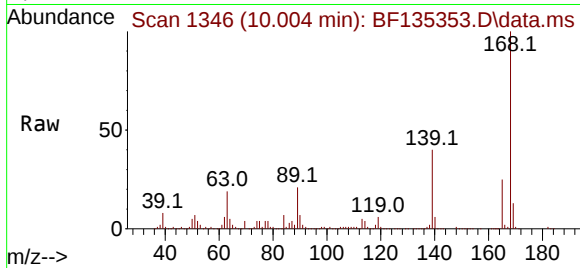




#55
Dibenzenofuran
Concen: 44.089 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

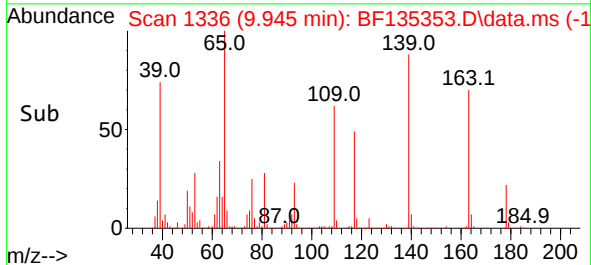
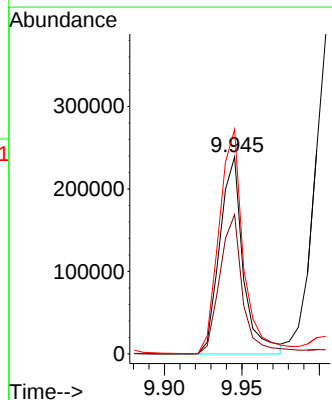
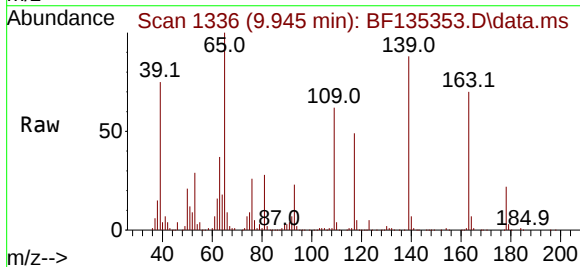
Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDEMSD

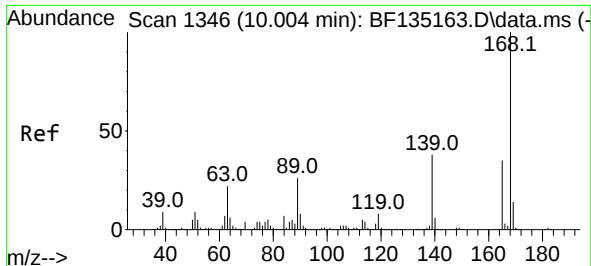
Tgt Ion:168 Resp: 972262
Ion Ratio Lower Upper
168 100
139 39.8 29.0 43.6
169 13.4 10.4 15.6



#56
4-Nitrophenol
Concen: 86.530 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.018 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

Tgt Ion:139 Resp: 252405
Ion Ratio Lower Upper
139 100
109 70.7 49.8 89.8
65 114.0 92.7 132.7

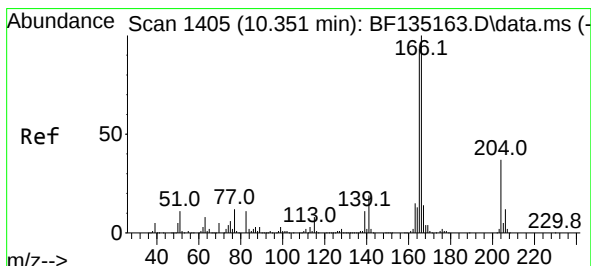
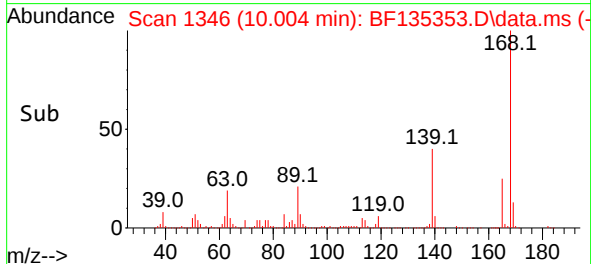
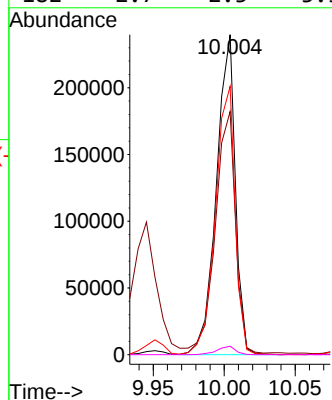
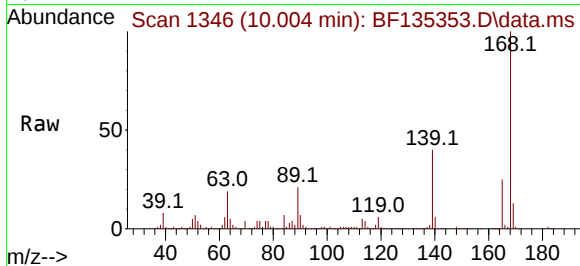




#57
2,4-Dinitrotoluene
Concen: 45.342 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

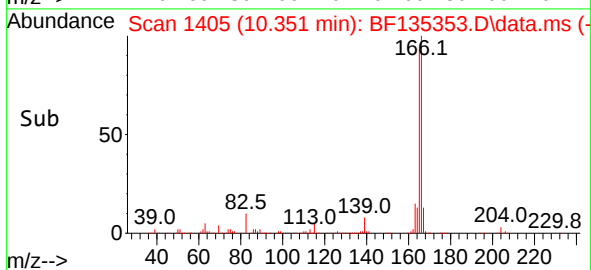
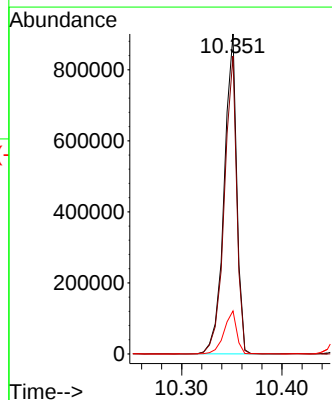
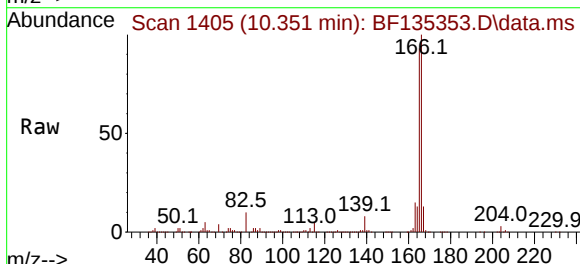
Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDEMSD

Tgt Ion:165 Resp: 221949
Ion Ratio Lower Upper
165 100
63 76.0 50.1 75.1#
89 83.9 59.3 88.9
182 2.7 2.3 3.5



#58
Fluorene
Concen: 46.257 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

Tgt Ion:166 Resp: 784199
Ion Ratio Lower Upper
166 100
165 93.1 74.3 111.5
167 13.4 10.9 16.3

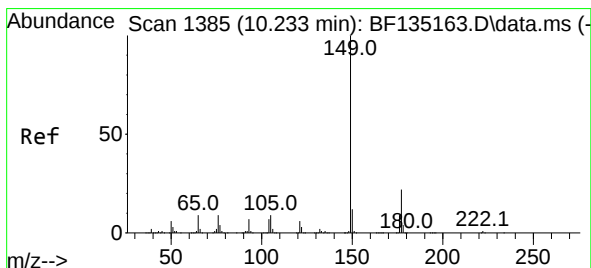
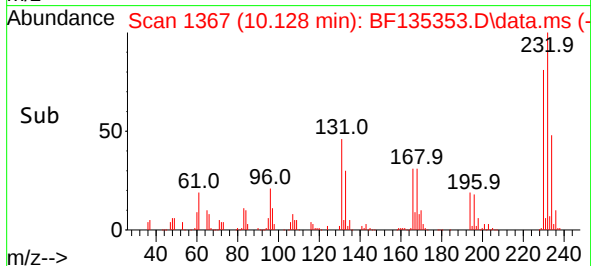
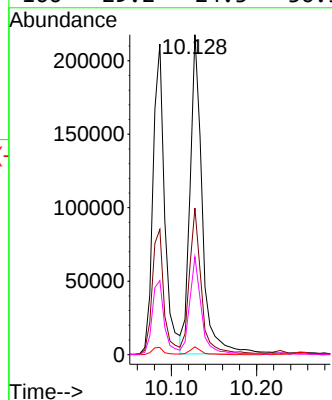
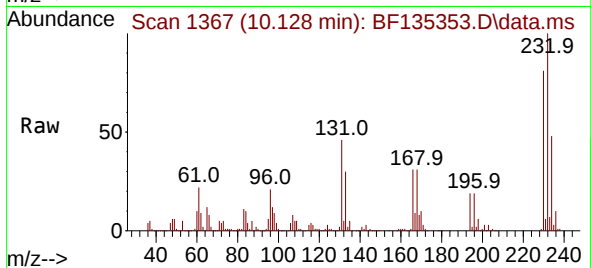




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.503 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

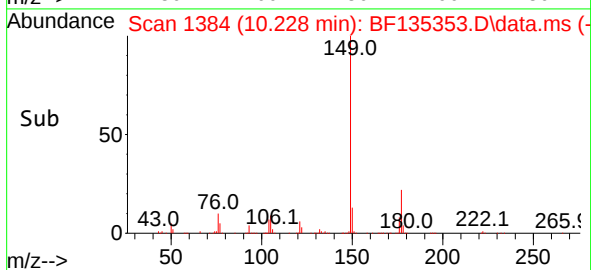
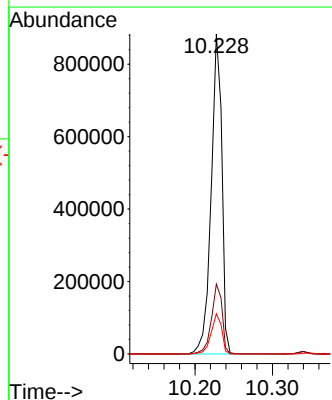
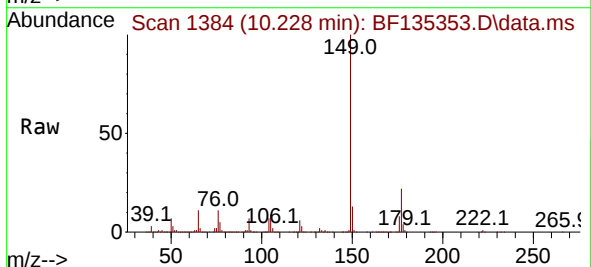
Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDEMSD

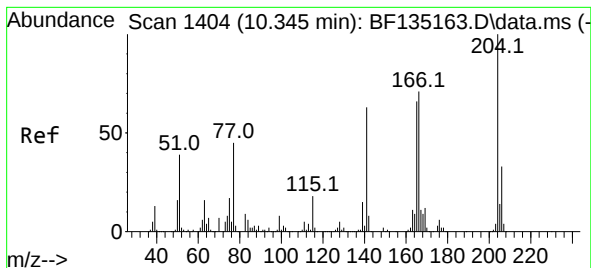
Tgt Ion:232 Resp: 215156
Ion Ratio Lower Upper
232 100
131 43.9 35.4 53.2
130 2.4 1.8 2.8
166 29.2 24.3 36.5



#60
Diethylphthalate
Concen: 47.186 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

Tgt Ion:149 Resp: 845222
Ion Ratio Lower Upper
149 100
177 21.8 17.8 26.6
150 12.6 10.0 15.0

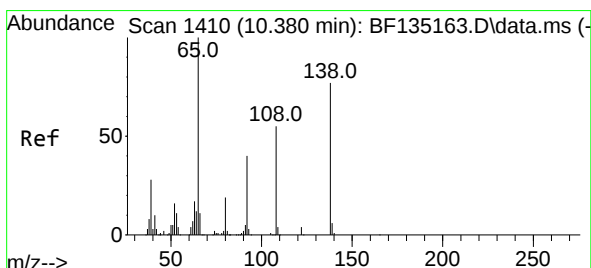
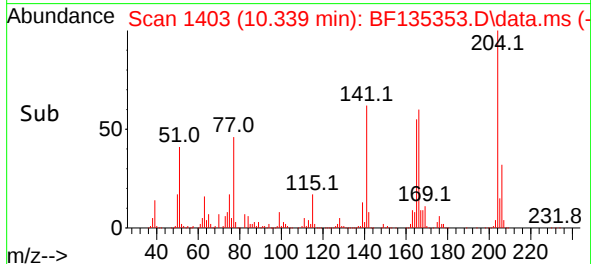
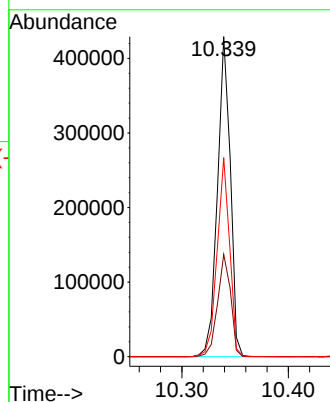
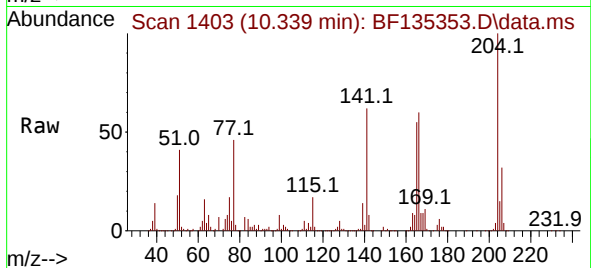




#61
4-Chlorophenyl-phenylether
Concen: 43.903 ng
RT: 10.339 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

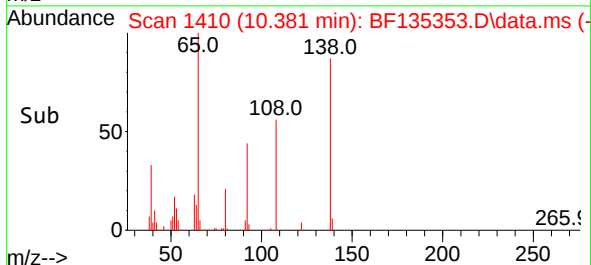
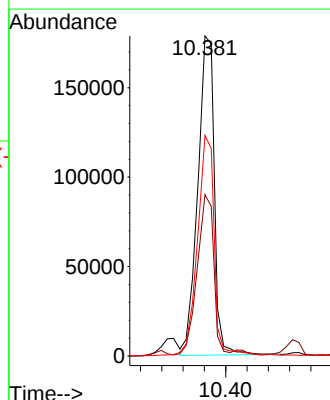
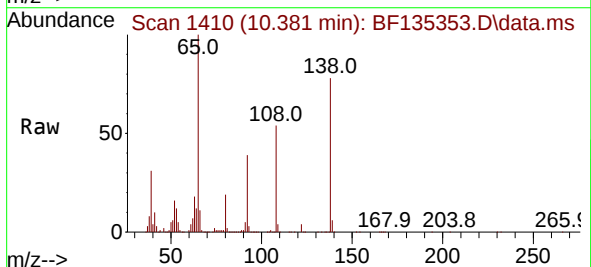
Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDEMSD

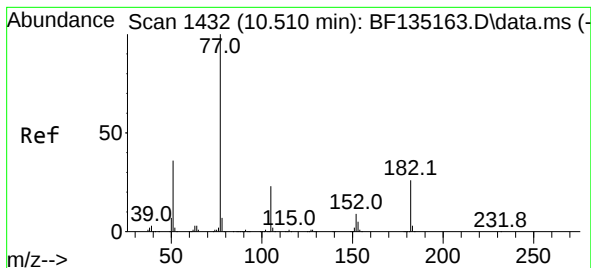
Tgt Ion:204 Resp: 357534
Ion Ratio Lower Upper
204 100
206 31.9 26.7 40.1
141 62.2 50.6 75.8



#62
4-Nitroaniline
Concen: 43.795 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

Tgt Ion:138 Resp: 193215
Ion Ratio Lower Upper
138 100
92 50.4 31.8 71.8
108 68.9 52.0 92.0





#63

Azobenzene

Concen: 48.716 ng

RT: 10.504 min Scan# 1431

Delta R.T. -0.006 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

DEL-2-RIGHT-SIDEMSD

Tgt Ion: 77 Resp: 854038

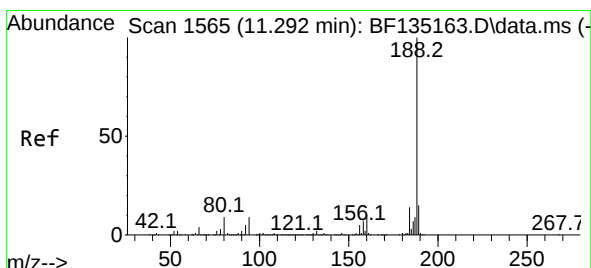
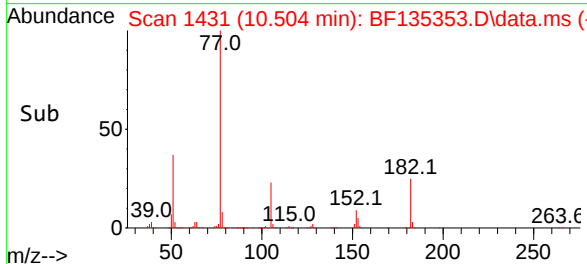
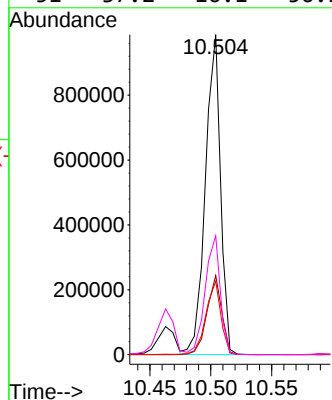
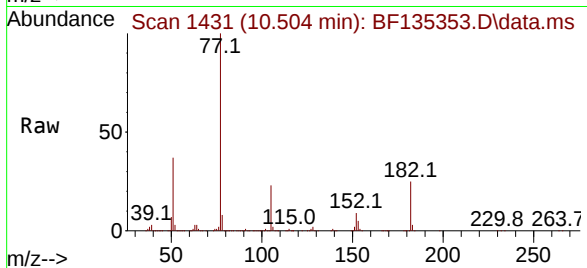
Ion Ratio Lower Upper

77 100

182 24.7 6.4 46.4

105 23.0 3.1 43.1

51 37.2 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: BF135353.D

Acq: 20 Sep 2023 12:58

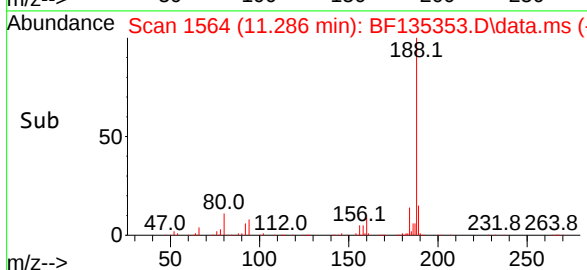
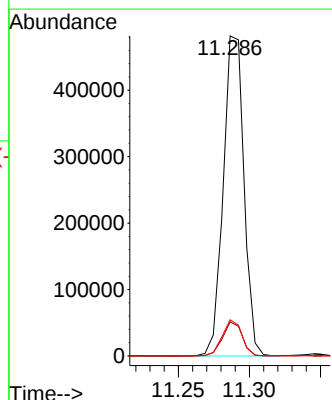
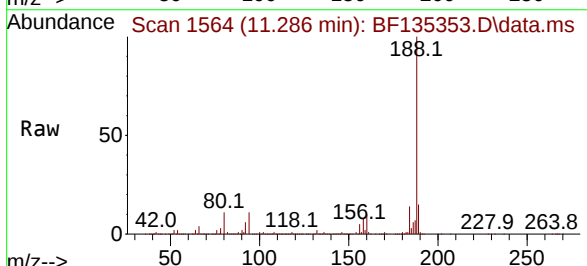
Tgt Ion: 188 Resp: 488427

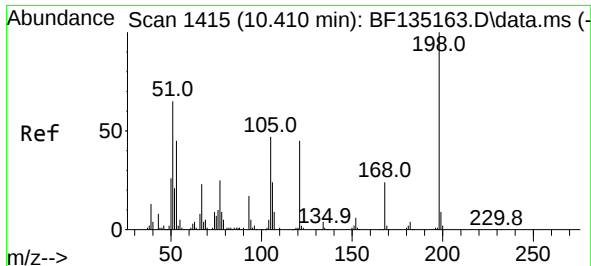
Ion Ratio Lower Upper

188 100

94 10.7 7.0 10.6#

80 11.3 7.5 11.3#





#65

4,6-Dinitro-2-methylphenol

Concen: 37.816 ng

RT: 10.416 min Scan# 1415

Delta R.T. 0.006 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

DEL-2-RIGHT-SIDEMSD

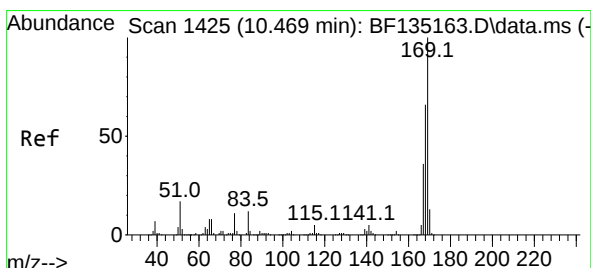
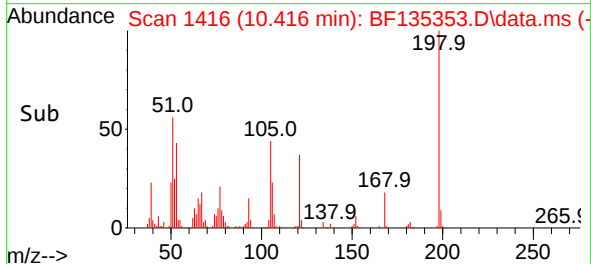
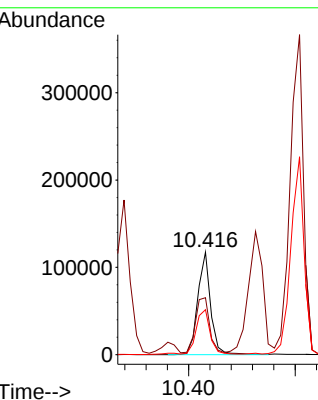
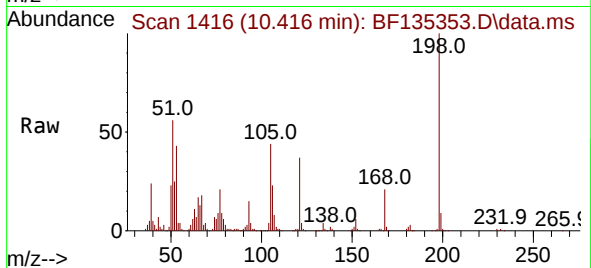
Tgt Ion:198 Resp: 98101

Ion Ratio Lower Upper

198 100

51 55.6 47.7 87.7

105 43.8 27.4 67.4



#66

n-Nitrosodiphenylamine

Concen: 49.299 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

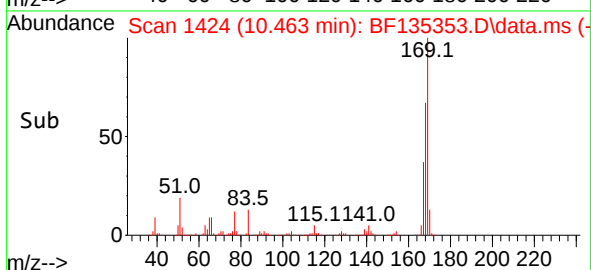
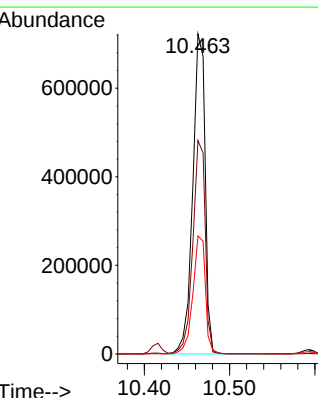
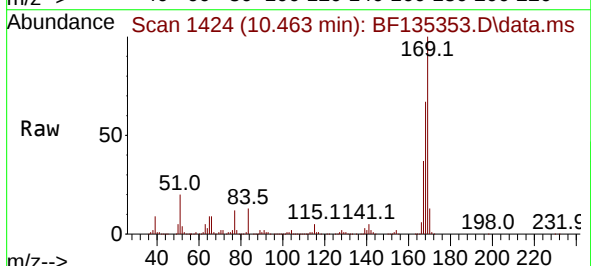
Tgt Ion:169 Resp: 728989

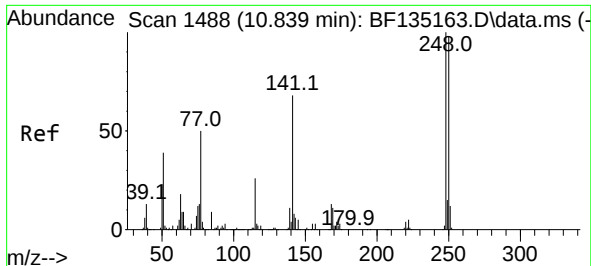
Ion Ratio Lower Upper

169 100

168 66.7 52.8 79.2

167 36.8 29.0 43.6

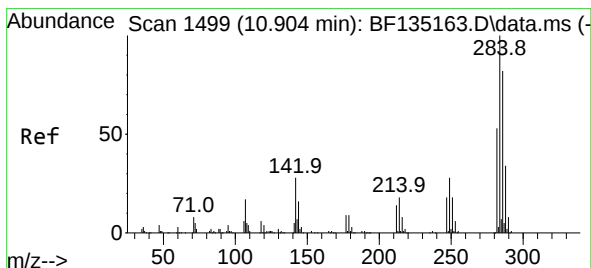
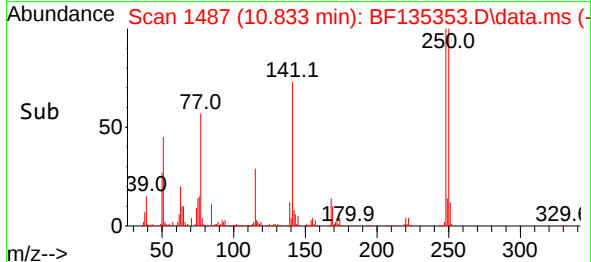
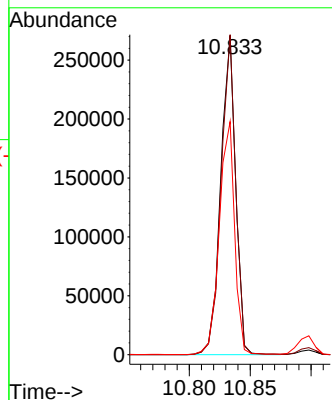
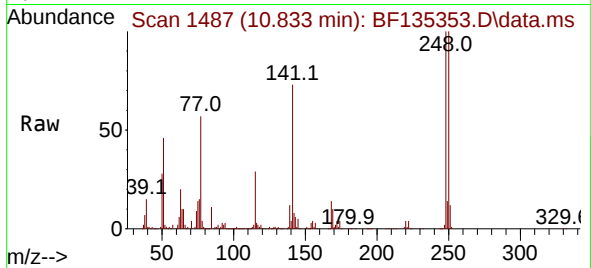




#67
4-Bromophenyl-phenylether
Concen: 47.620 ng
RT: 10.833 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

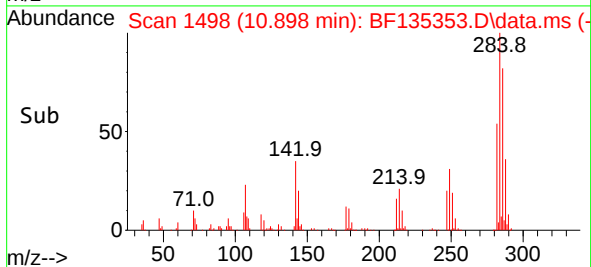
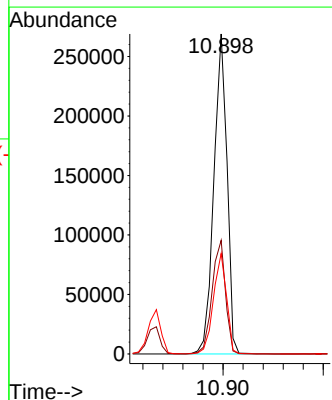
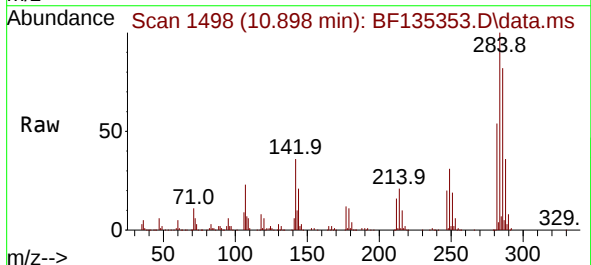
Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDEMSD

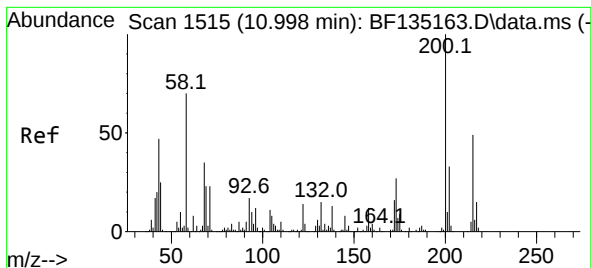
Tgt Ion:248 Resp: 231329
Ion Ratio Lower Upper
248 100
250 100.3 78.6 117.8
141 73.1 54.2 81.2



#68
Hexachlorobenzene
Concen: 49.307 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

Tgt Ion:284 Resp: 244018
Ion Ratio Lower Upper
284 100
142 35.5 22.2 33.4#
249 31.4 22.5 33.7





#69

Atrazine

Concen: 57.847 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135353.D

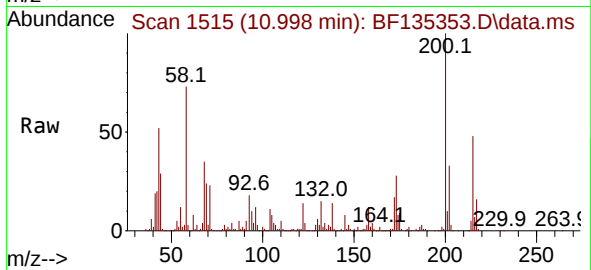
Acq: 20 Sep 2023 12:58

Instrument :

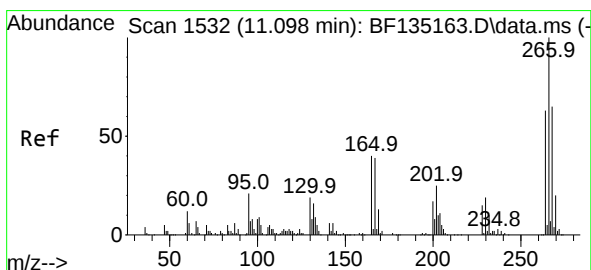
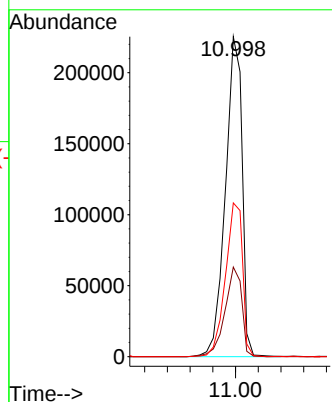
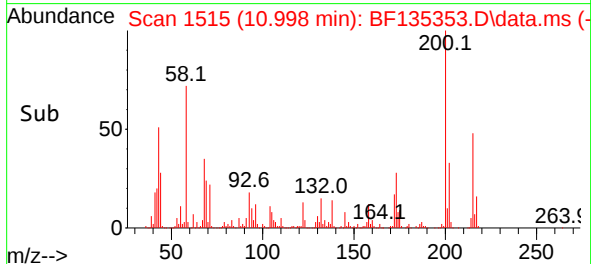
BNA_F

ClientSampleId :

DEL-2-RIGHT-SIDEMSD



Tgt Ion:	200	Resp:	230159
Ion Ratio	Lower	Upper	
200	100		
173	28.0	7.4	47.4
215	48.1	28.6	68.6



#70

Pentachlorophenol

Concen: 83.646 ng

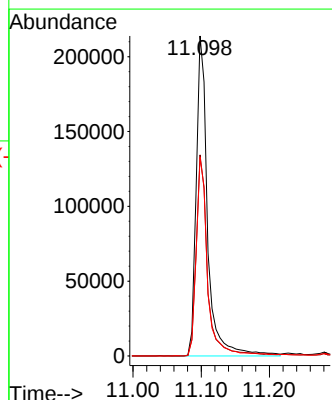
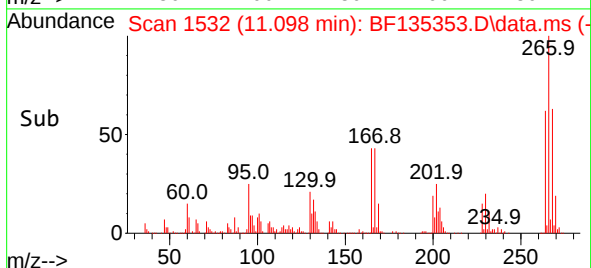
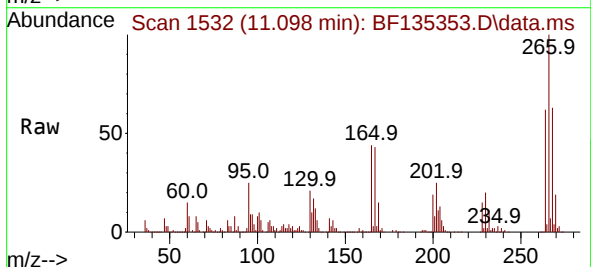
RT: 11.098 min Scan# 1532

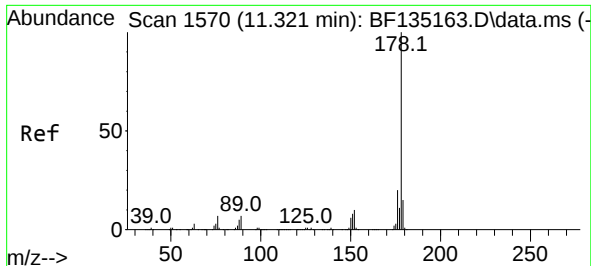
Delta R.T. 0.000 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

Tgt Ion:	266	Resp:	247673
Ion Ratio	Lower	Upper	
266	100		
268	62.8	52.1	78.1
264	62.1	50.8	76.2

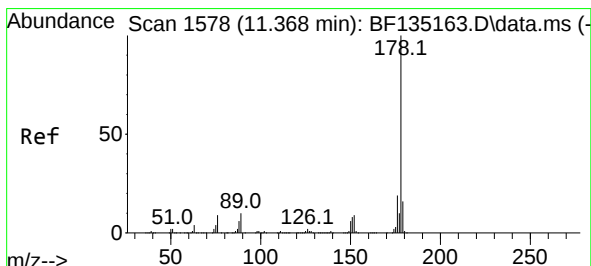
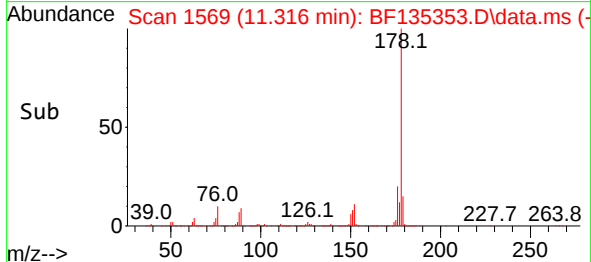
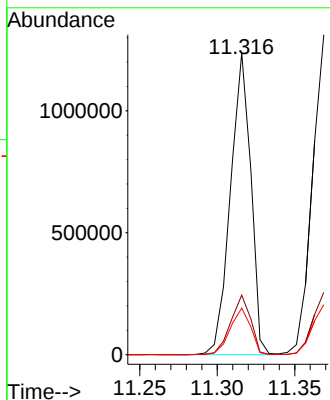
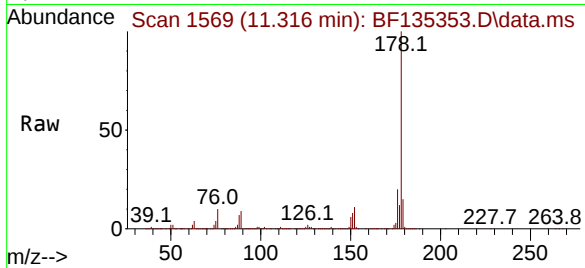




#71
Phenanthrene
Concen: 48.860 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

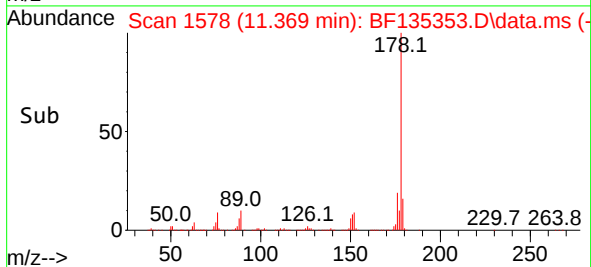
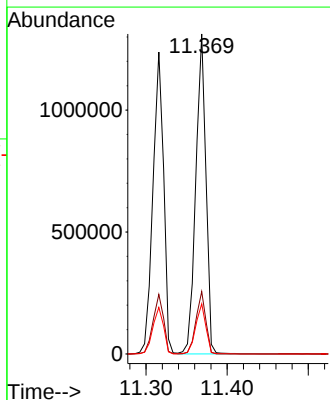
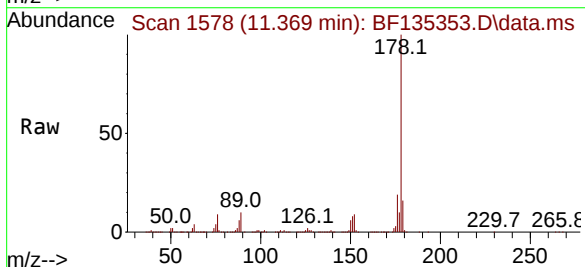
Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDEMSD

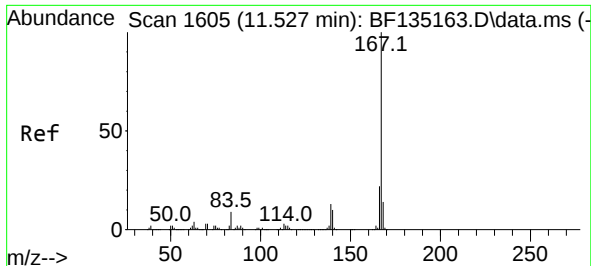
Tgt Ion:178 Resp: 1128699
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.4 12.0 18.0



#72
Anthracene
Concen: 48.278 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

Tgt Ion:178 Resp: 1146351
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.6 12.6 19.0

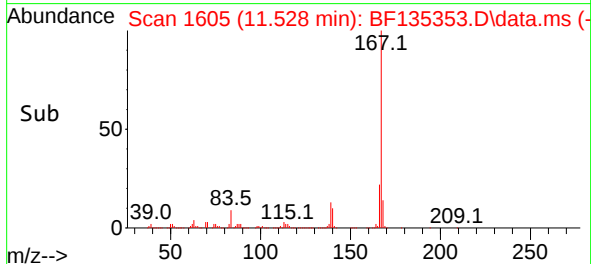
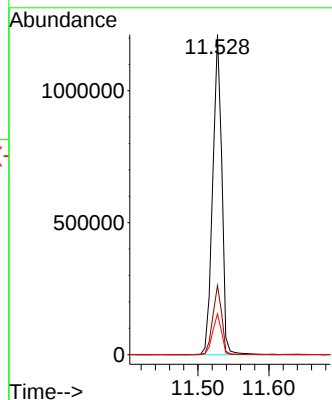
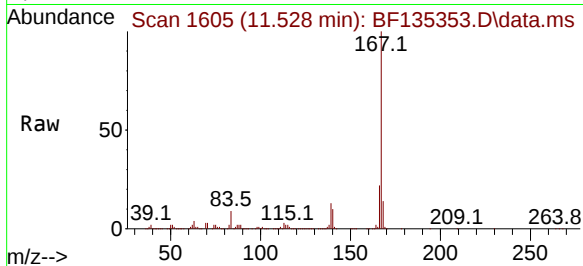




#73
 Carbazole
 Concen: 49.894 ng
 RT: 11.528 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135353.D
 Acq: 20 Sep 2023 12:58

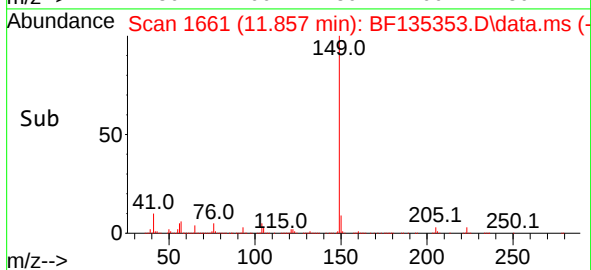
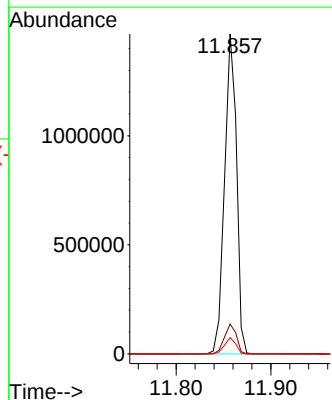
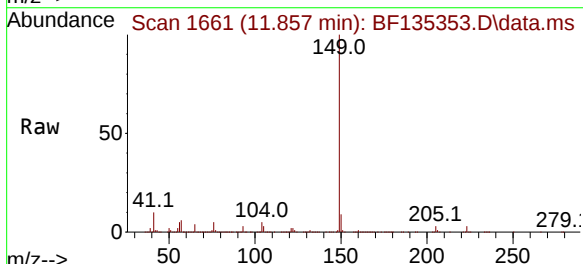
Instrument :
 BNA_F
 ClientSampleId :
 DEL-2-RIGHT-SIDEMSD

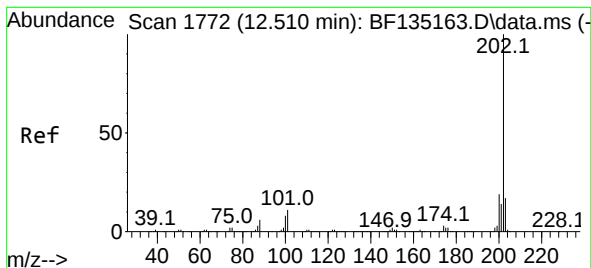
Tgt Ion:167 Resp: 1078472
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 12.7 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 50.754 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF135353.D
 Acq: 20 Sep 2023 12:58

Tgt Ion:149 Resp: 1292727
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.1 3.6 5.4





#75

Fluoranthene

Concen: 47.800 ng

RT: 12.510 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

DEL-2-RIGHT-SIDEMSD

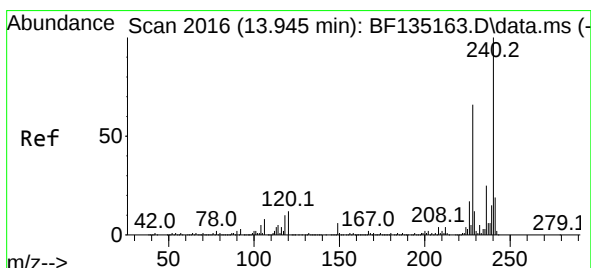
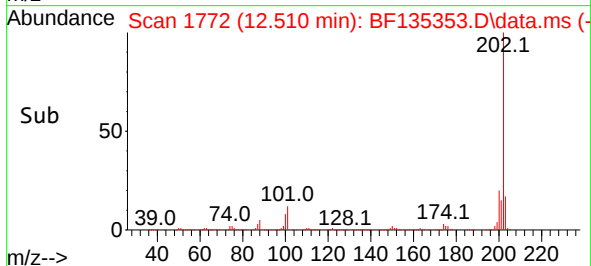
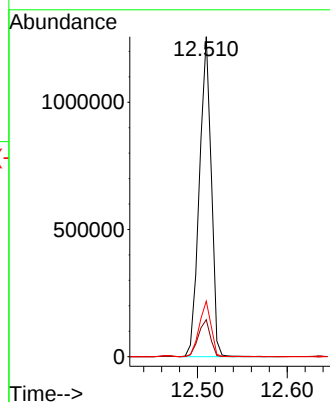
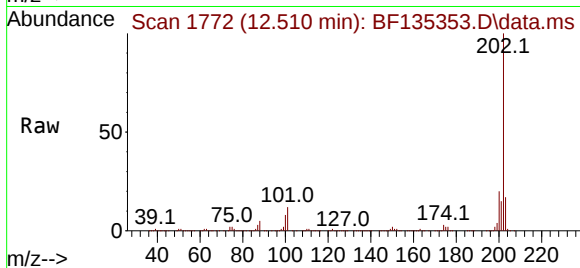
Tgt Ion:202 Resp: 1150569

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.3

203 17.3 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: BF135353.D

Acq: 20 Sep 2023 12:58

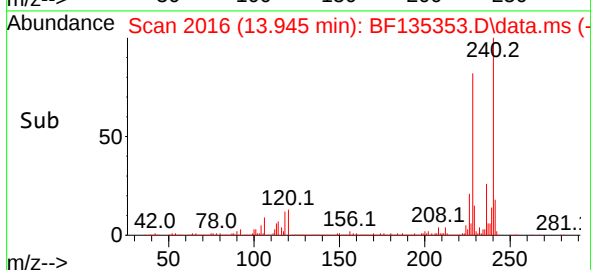
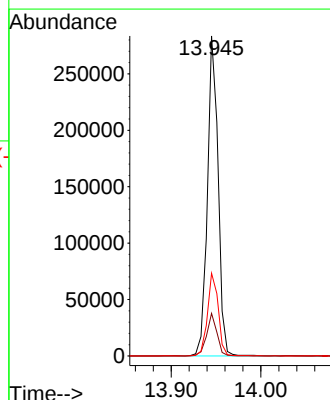
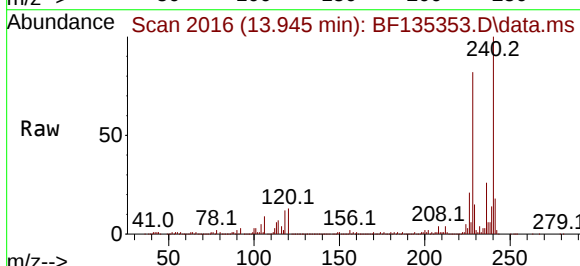
Tgt Ion:240 Resp: 233998

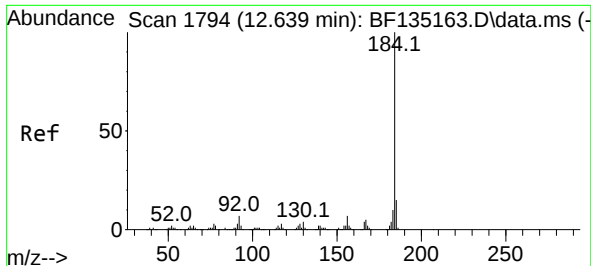
Ion Ratio Lower Upper

240 100

120 13.3 9.4 14.2

236 25.9 19.8 29.8

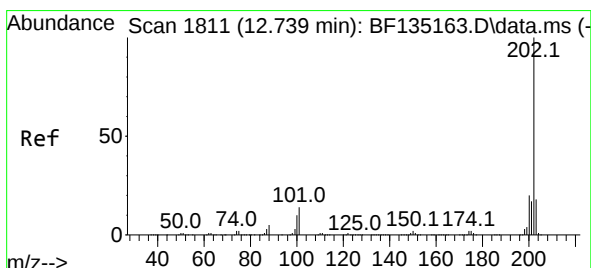
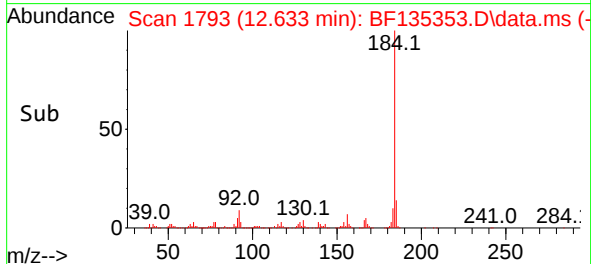
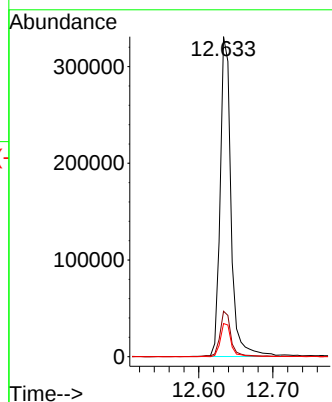
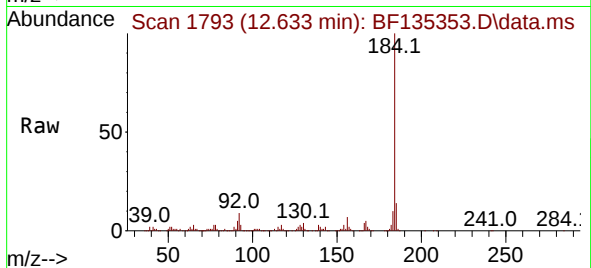




#77
Benzidine
Concen: 69.997 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

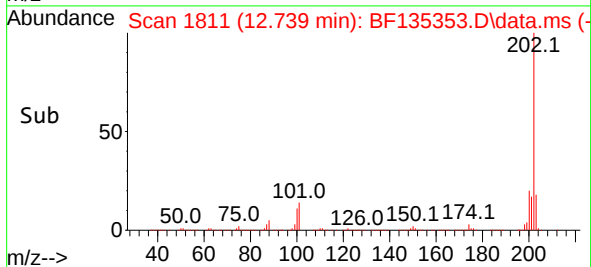
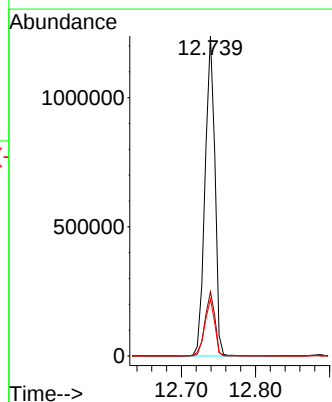
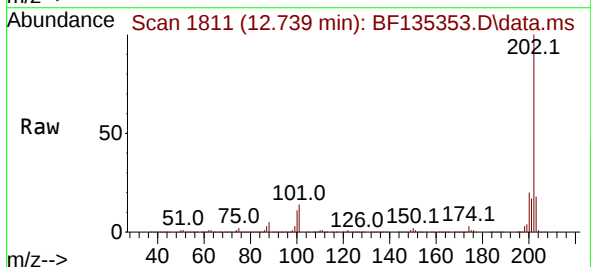
Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDEMSD

Tgt Ion:184 Resp: 335555
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 10.4 8.2 12.4



#78
Pyrene
Concen: 51.644 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

Tgt Ion:202 Resp: 1150546
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.2
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 92.679 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

DEL-2-RIGHT-SIDEMSD

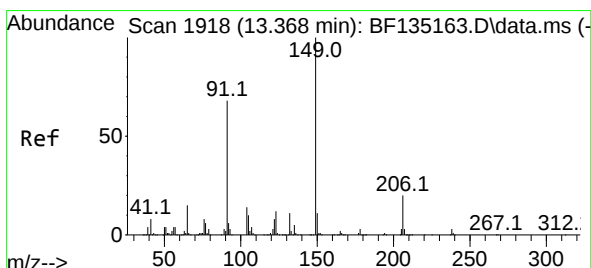
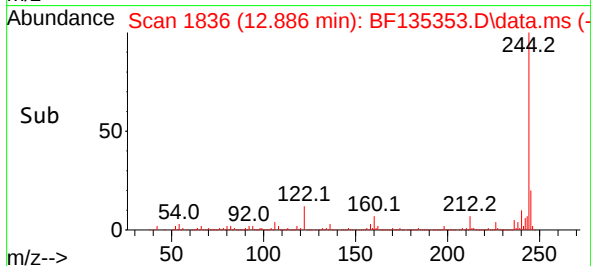
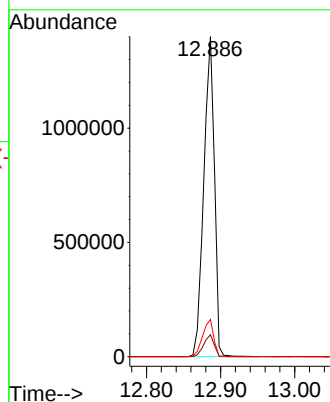
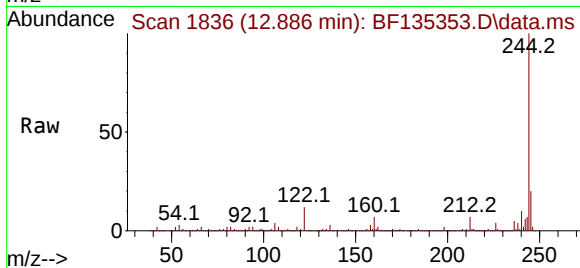
Tgt Ion:244 Resp: 1398975

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 11.6 7.9 11.9



#80

Butylbenzylphthalate

Concen: 61.277 ng

RT: 13.363 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

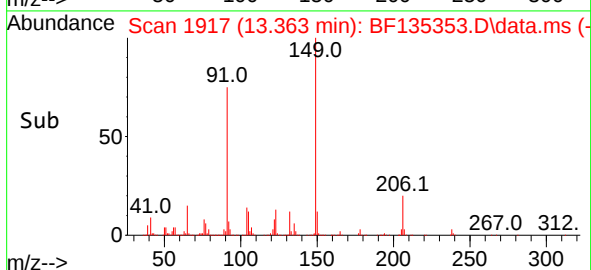
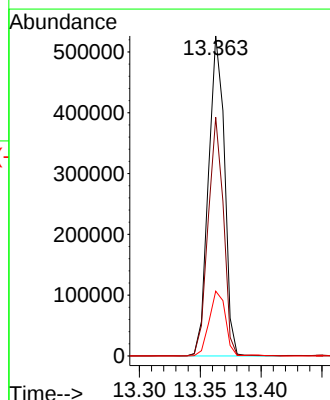
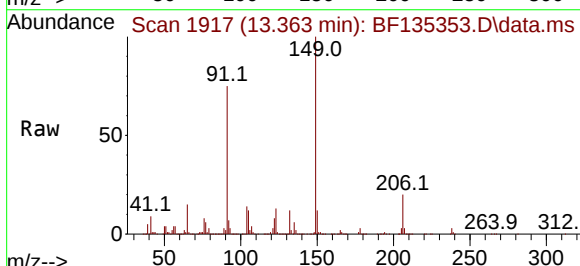
Tgt Ion:149 Resp: 480651

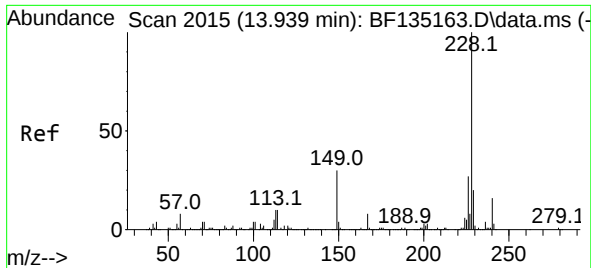
Ion Ratio Lower Upper

149 100

91 74.6 54.7 82.1

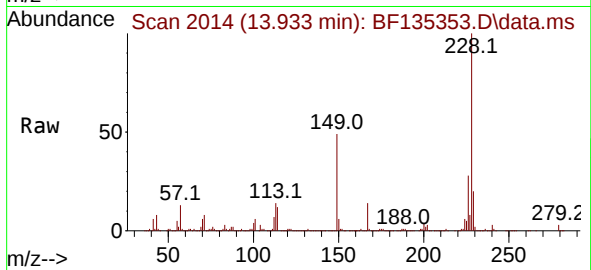
206 20.2 16.3 24.5



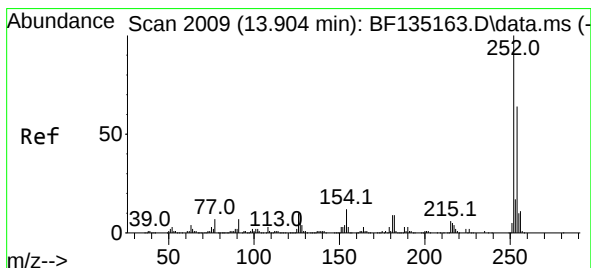
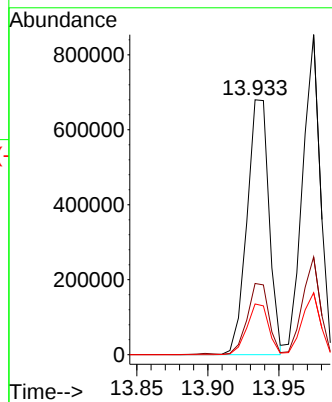
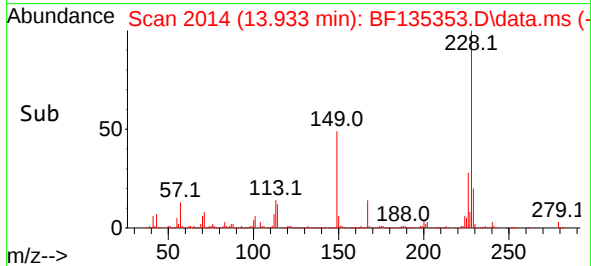


#81
Benzo(a)anthracene
Concen: 48.487 ng
RT: 13.933 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

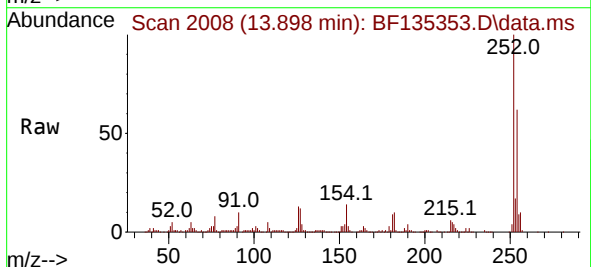
Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDEMSD



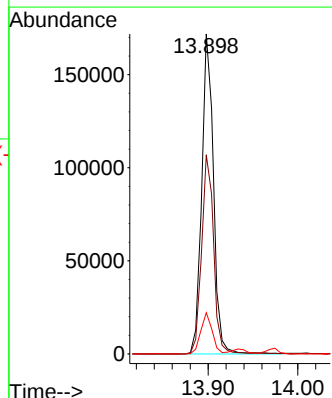
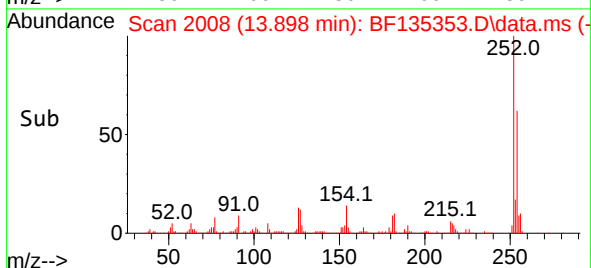
Tgt Ion:228 Resp: 732634
Ion Ratio Lower Upper
228 100
226 27.9 21.7 32.5
229 19.9 15.8 23.8

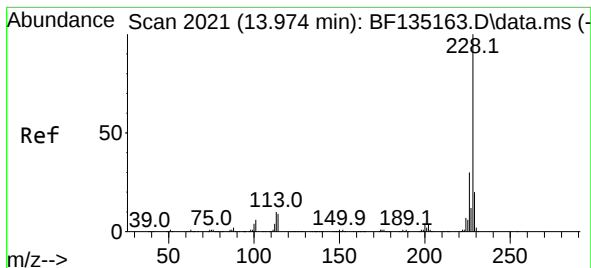


#82
3,3'-Dichlorobenzidine
Concen: 33.066 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58



Tgt Ion:252 Resp: 156059
Ion Ratio Lower Upper
252 100
254 62.2 51.0 76.4
126 12.9 7.8 11.8#





#83

Chrysene

Concen: 49.385 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

DEL-2-RIGHT-SIDEMSD

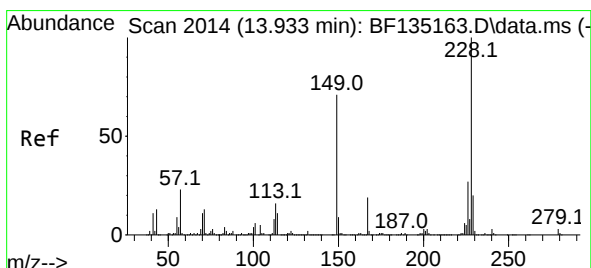
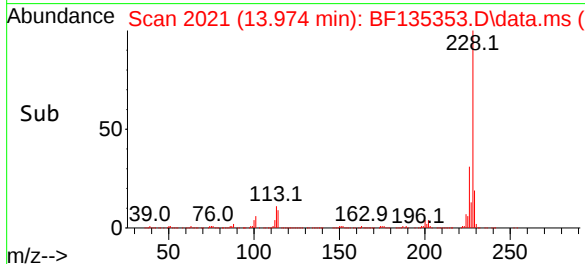
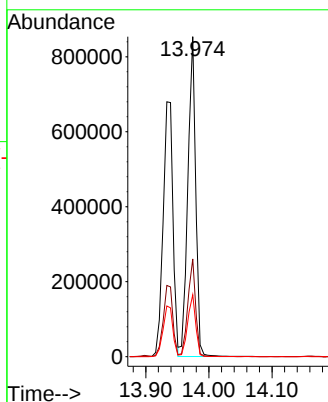
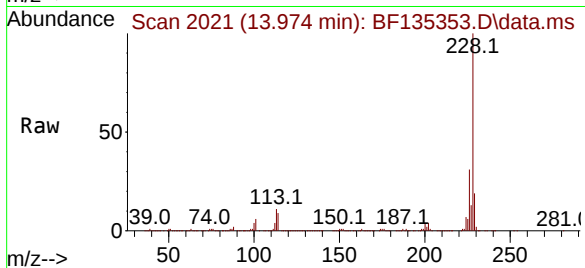
Tgt Ion:228 Resp: 741892

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

229 19.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 70.886 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

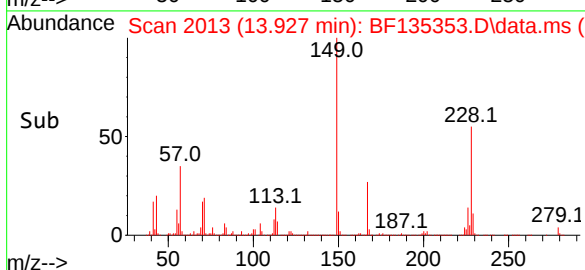
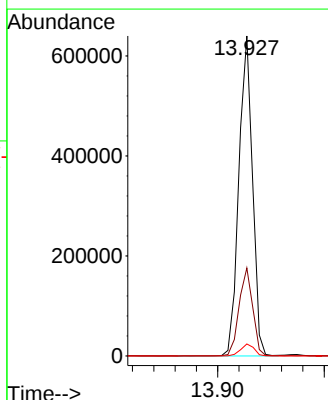
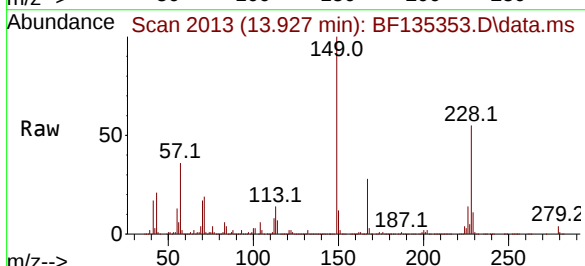
Tgt Ion:149 Resp: 570574

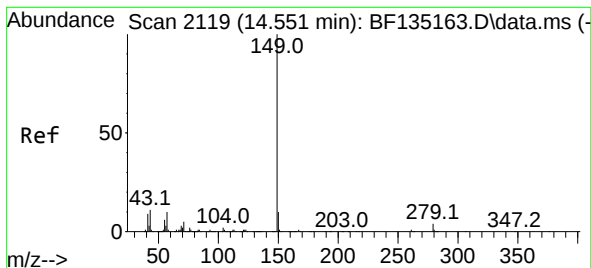
Ion Ratio Lower Upper

149 100

167 27.5 21.9 32.9

279 3.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 69.800 ng

RT: 14.545 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

DEL-2-RIGHT-SIDEMSD

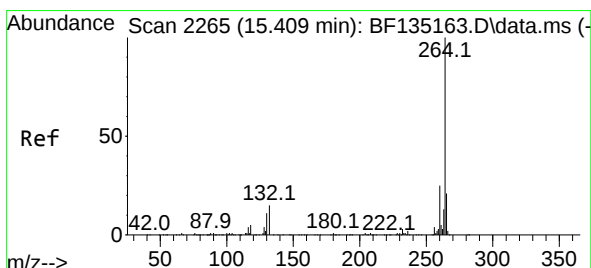
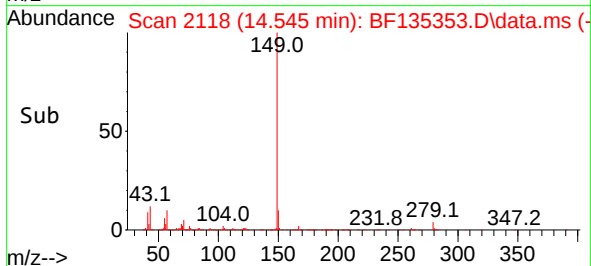
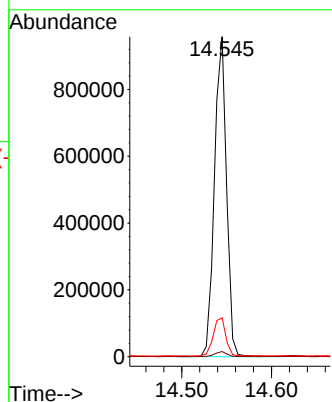
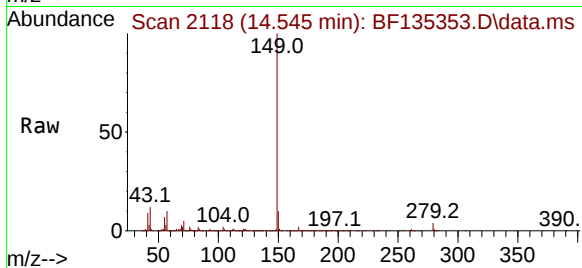
Tgt Ion:149 Resp: 892859

Ion Ratio Lower Upper

149 100

167 1.6 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: BF135353.D

Acq: 20 Sep 2023 12:58

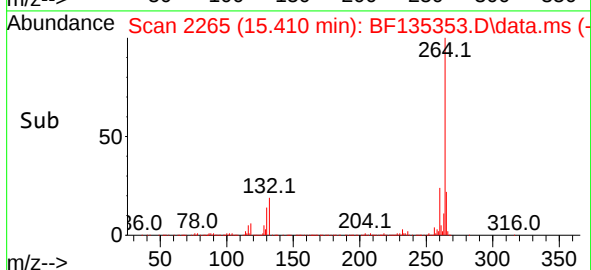
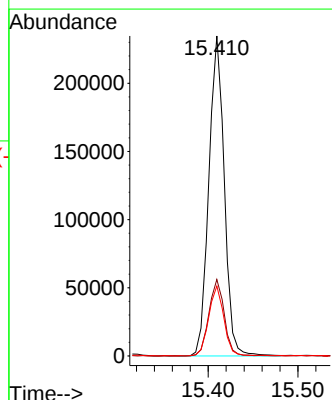
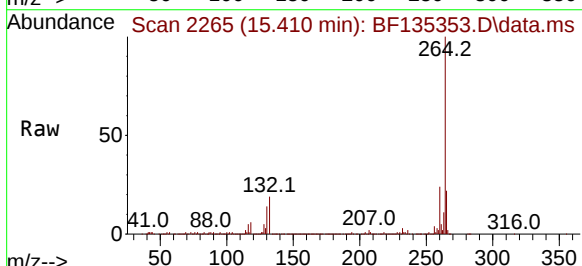
Tgt Ion:264 Resp: 280712

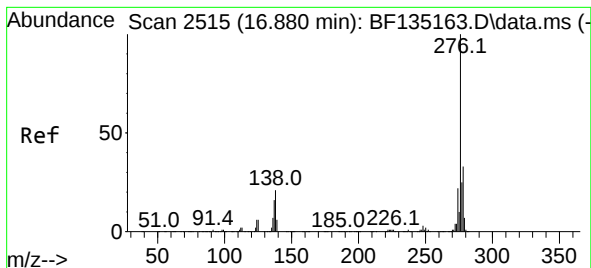
Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.6

265 21.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.572 ng

RT: 16.898 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

DEL-2-RIGHT-SIDEMSD

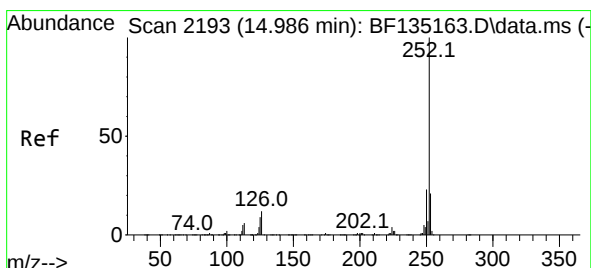
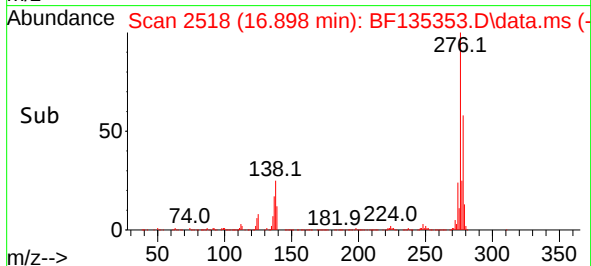
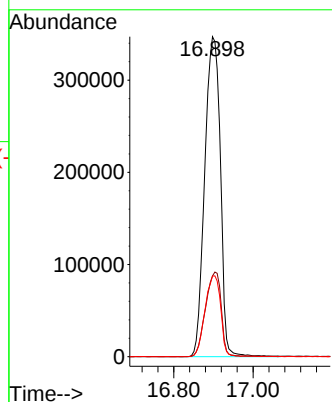
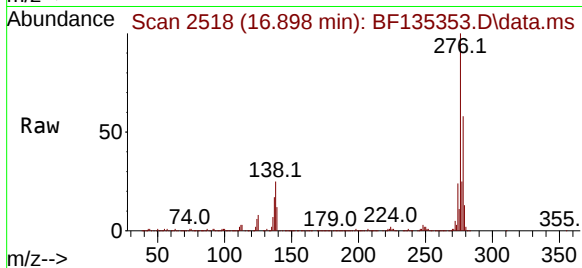
Tgt Ion:276 Resp: 949194

Ion Ratio Lower Upper

276 100

138 26.5 19.2 28.8

277 25.2 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 47.151 ng

RT: 14.986 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

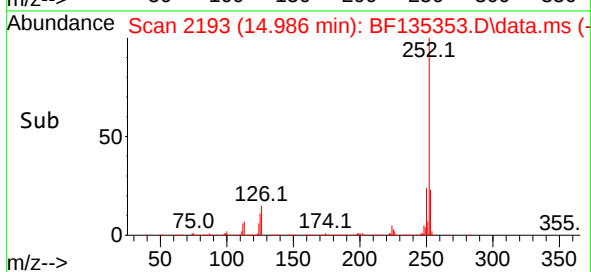
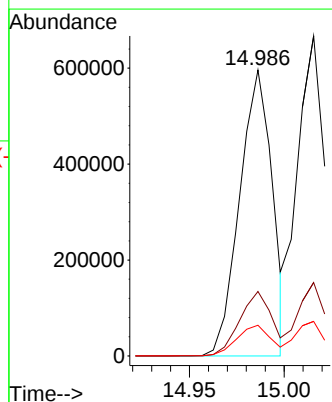
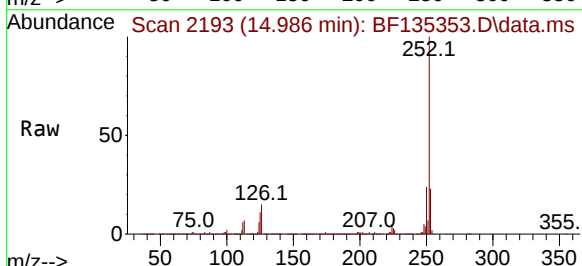
Tgt Ion:252 Resp: 716505

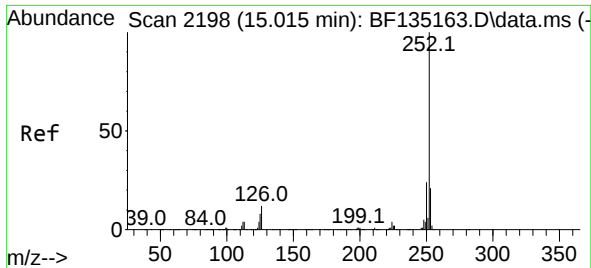
Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 10.8 7.1 10.7#

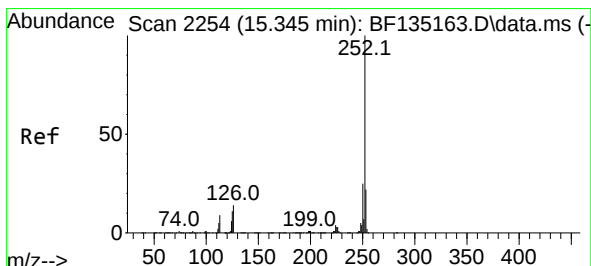
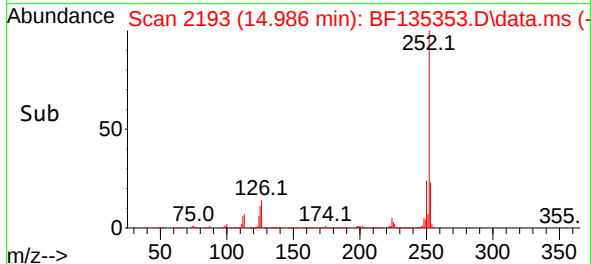
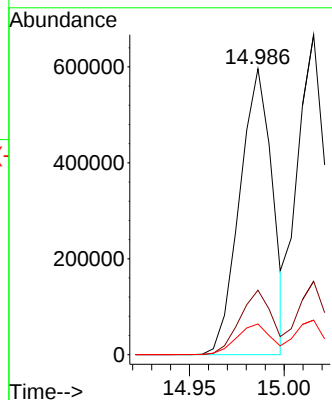
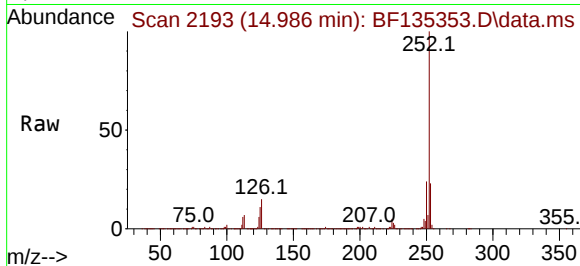




#89
Benzo(k)fluoranthene
Concen: 47.732 ng
RT: 14.986 min Scan# 2198
Delta R.T. -0.029 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

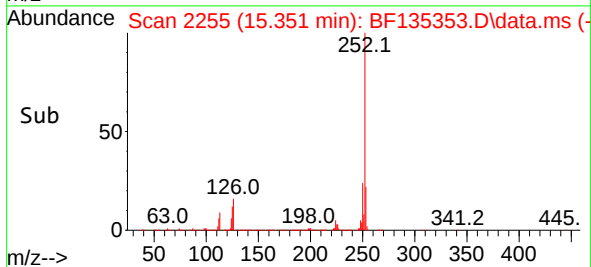
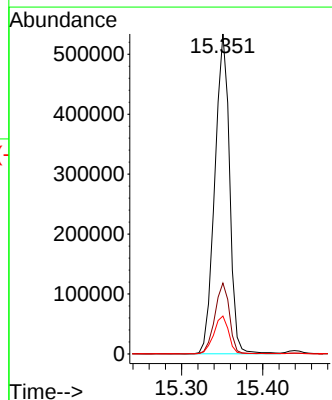
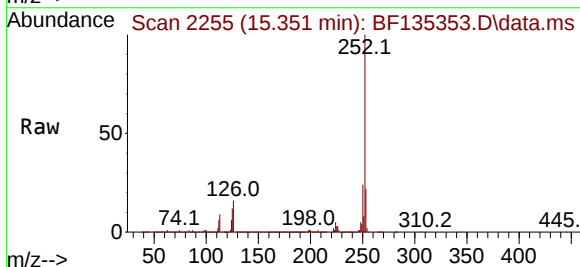
Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDEMSD

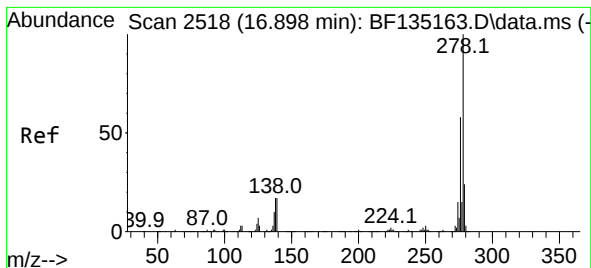
Tgt Ion:252 Resp: 716505
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 10.8 7.2 10.8



#90
Benzo(a)pyrene
Concen: 46.466 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135353.D
Acq: 20 Sep 2023 12:58

Tgt Ion:252 Resp: 673349
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 11.8 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 50.701 ng

RT: 16.915 min Scan# 2521

Delta R.T. 0.018 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

DEL-2-RIGHT-SIDEMSD

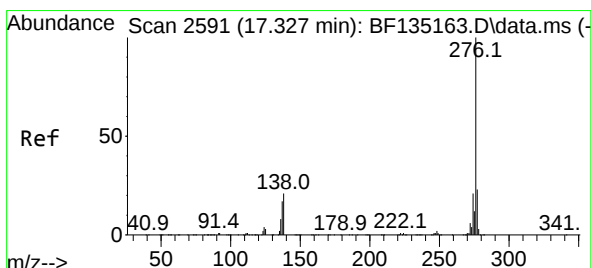
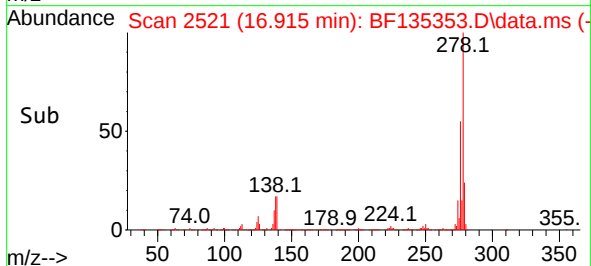
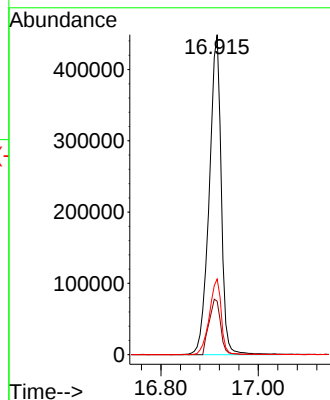
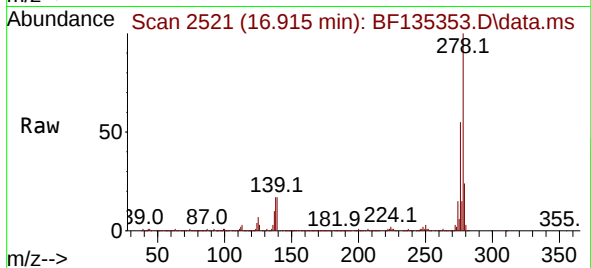
Tgt Ion:278 Resp: 763540

Ion Ratio Lower Upper

278 100

139 16.7 13.4 20.0

279 23.7 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 50.720 ng

RT: 17.351 min Scan# 2595

Delta R.T. 0.024 min

Lab File: BF135353.D

Acq: 20 Sep 2023 12:58

Tgt Ion:276 Resp: 797707

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 23.2 16.9 25.3

