

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082824\
 Data File : BF139210.D
 Acq On : 28 Aug 2024 16:48
 Operator : RC/JU
 Sample : P3739-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Aug 28 17:16:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 02:51:47 2024
 Response via : Initial Calibration

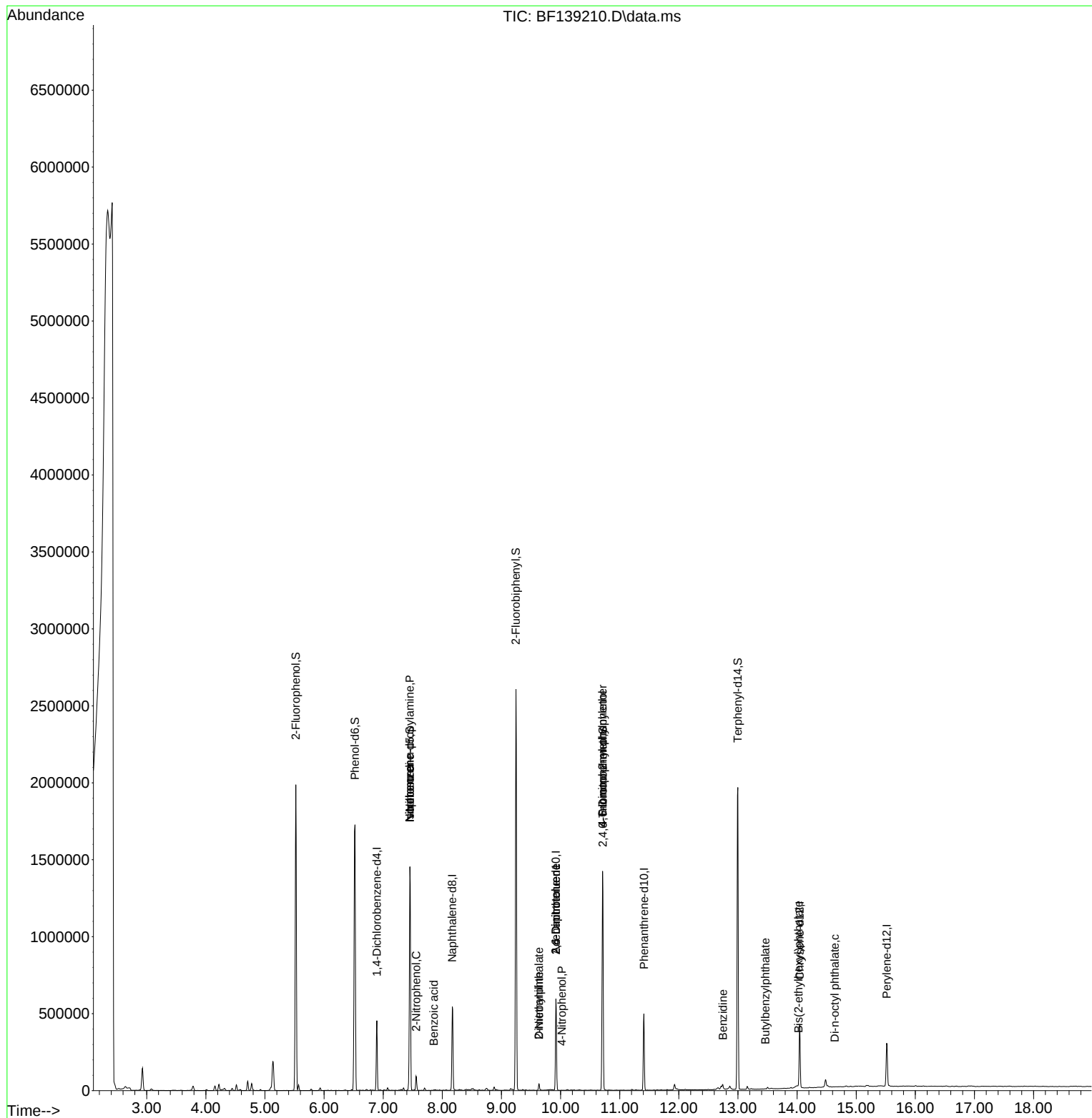
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	86844	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	318576	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	172929	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	249097	20.000	ng	0.00
76) Chrysene-d12	14.045	240	185375	20.000	ng	0.00
86) Perylene-d12	15.515	264	166302	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	692539	134.000	ng	0.02
7) Phenol-d6	6.522	99	841903	118.697	ng	0.00
23) Nitrobenzene-d5	7.451	82	676580	117.657	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	230853	155.871	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1102403	99.025	ng	0.00
79) Terphenyl-d14	12.998	244	973007	81.899	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	93081	21.941	ng	# 79
24) Nitrobenzene	7.451	77	2388	3.588	ng	# 42
25) Isophorone	7.451	82	674580	59.320	ng	# 68
26) 2-Nitrophenol	7.557	139	899	5.362	ng	# 26
32) Benzoic acid	7.857	122	984	9.792	ng	# 93
48) 2-Nitroaniline	9.633	65	340	5.881	ng	# 1
50) Dimethylphthalate	9.633	163	22016	2.204	ng	# 99
51) 2,6-Dinitrotoluene	9.922	165	22069	14.400	ng	# 15
56) 4-Nitrophenol	10.022	139	271	5.298	ng	# 86
57) 2,4-Dinitrotoluene	9.922	165	22069	13.062	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.710	198	479	7.427	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	15984	6.039	ng	# 1
77) Benzidine	12.745	184	15502	4.956	ng	# 97
80) Butylbenzylphthalate	13.463	149	237	4.537	ng	# 39
84) Bis(2-ethylhexyl)phtha...	14.027	149	2344	3.840	ng	# 94
85) Di-n-octyl phthalate	14.639	149	130	8.965	ng	# 1

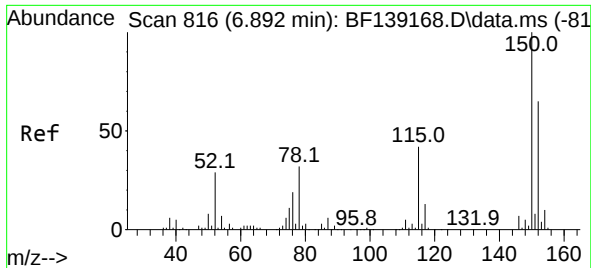
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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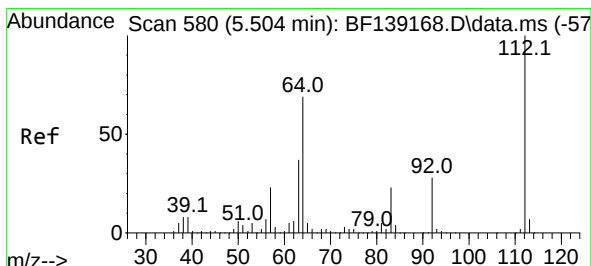
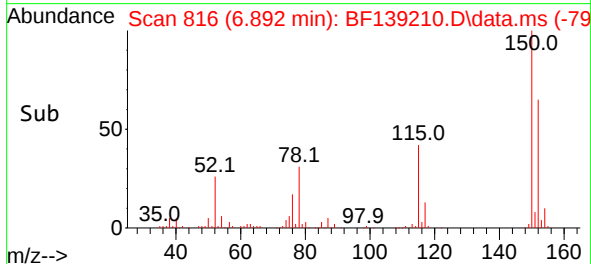
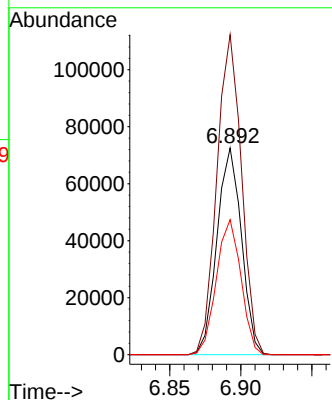
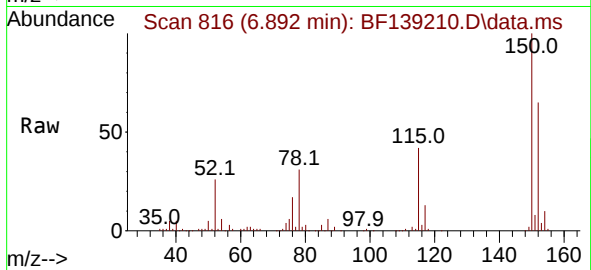




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

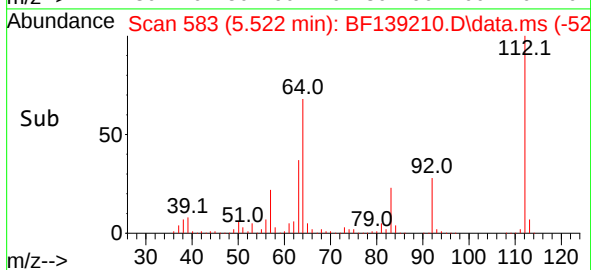
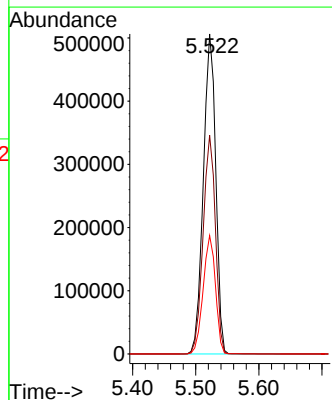
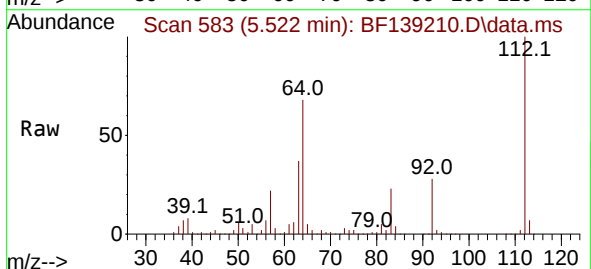
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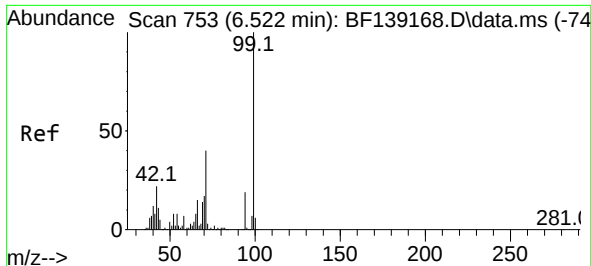
Tgt Ion:152 Resp: 86844
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 65.3 51.8 77.8



#5
2-Fluorophenol
Concen: 134.000 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

Tgt Ion:112 Resp: 692539
Ion Ratio Lower Upper
112 100
64 68.3 55.5 83.3
63 37.0 29.8 44.6



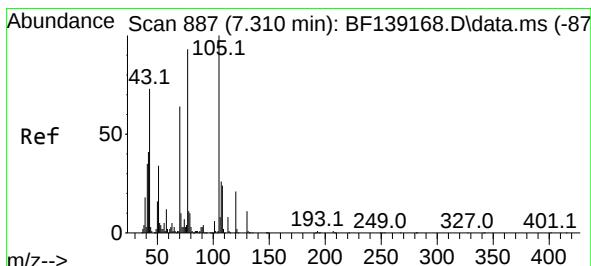
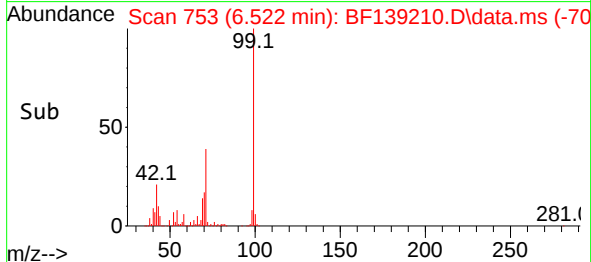
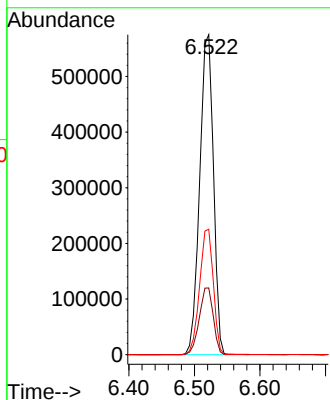
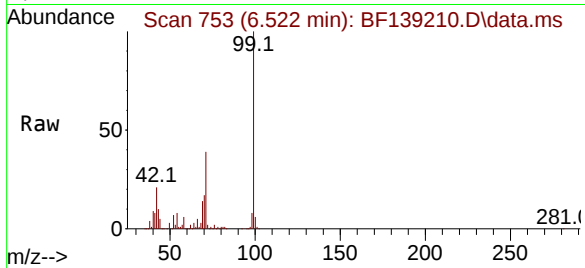


#7
Phenol-d6
Concen: 118.697 ng
RT: 6.522 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 99 Resp: 841903

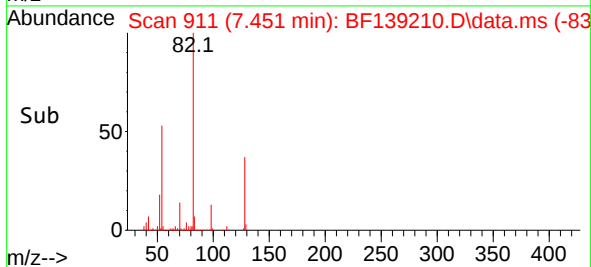
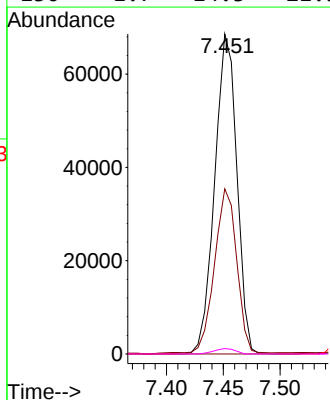
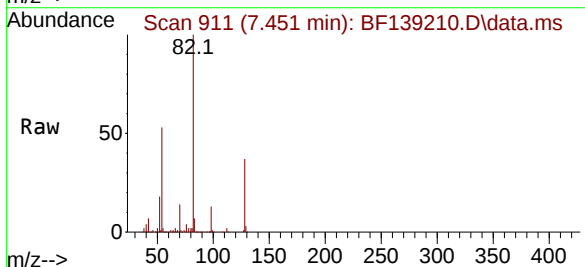
Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.9	26.9
71	39.2	31.7	47.5

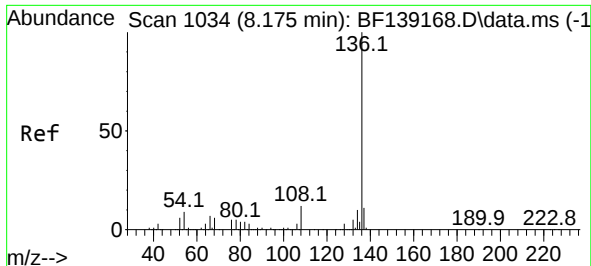


#19
n-Nitroso-di-n-propylamine
Concen: 21.941 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

Tgt Ion: 70 Resp: 93081

Ion	Ratio	Lower	Upper
70	100		
42	51.6	50.8	76.2
101	0.0	7.4	11.0#
130	1.7	14.3	21.5#

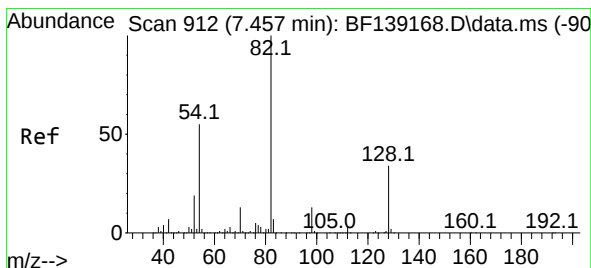
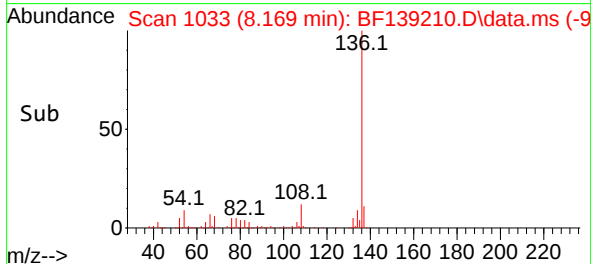
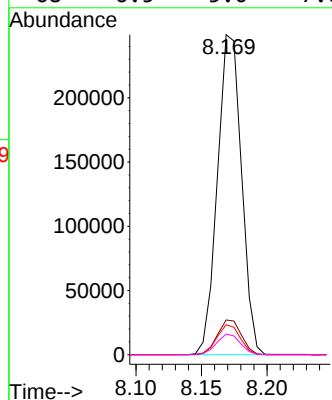
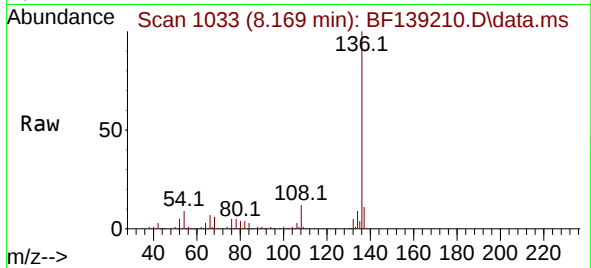




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

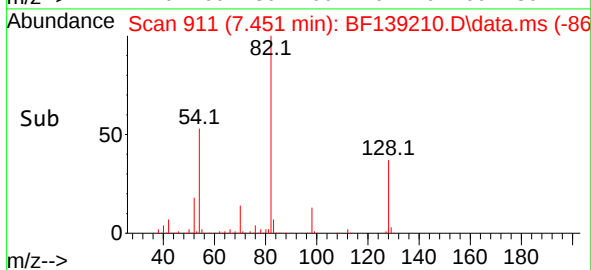
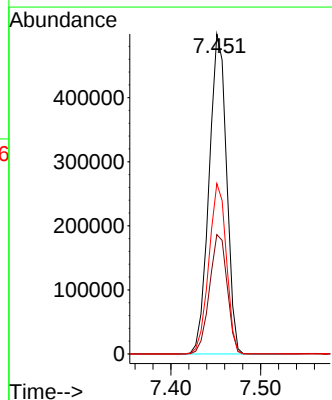
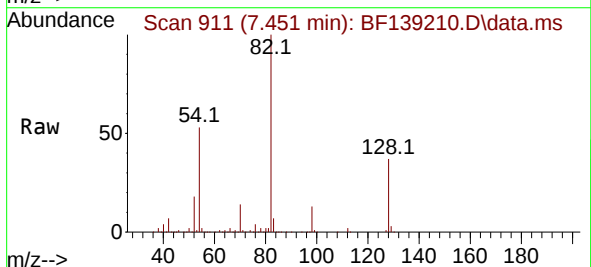
Instrument :
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ClientSampleId :
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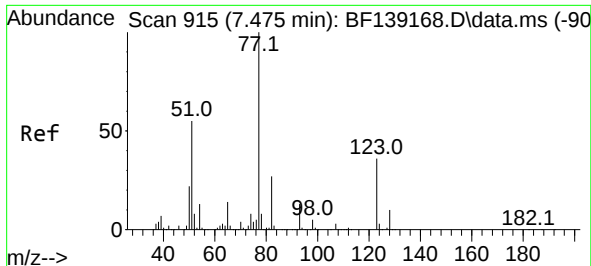
Tgt Ion:	136	Resp:	318576
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.3	7.6	11.4
68	6.5	5.0	7.6



#23
Nitrobenzene-d5
Concen: 117.657 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

Tgt Ion:	82	Resp:	676580
Ion	Ratio	Lower	Upper
82	100		
128	37.3	27.1	40.7
54	53.2	44.2	66.4

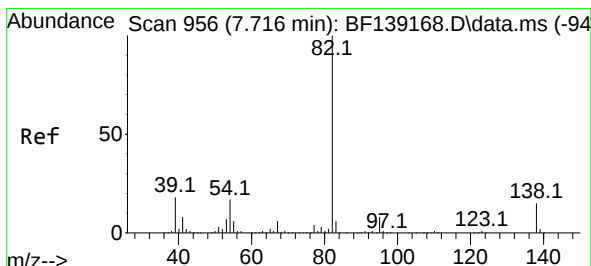
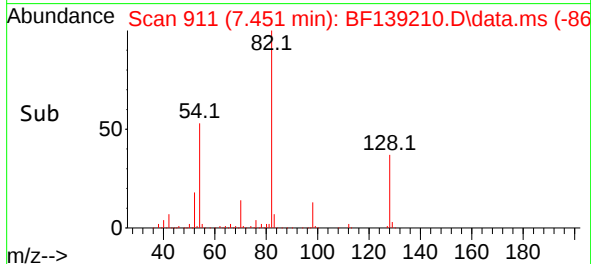
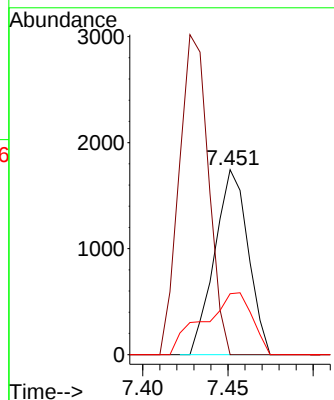
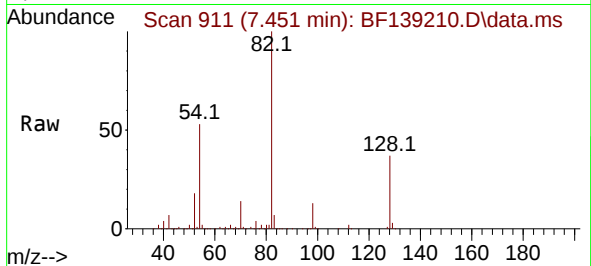




#24
Nitrobenzene
Concen: 3.588 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.024 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

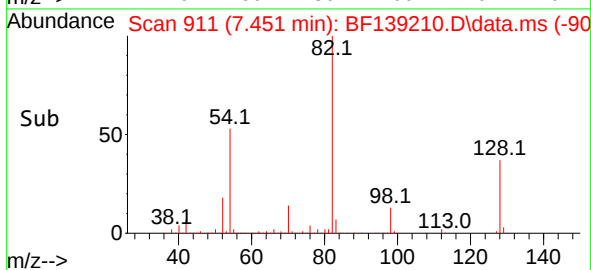
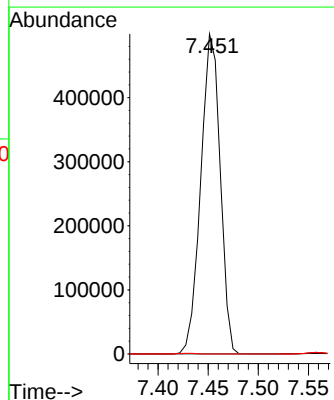
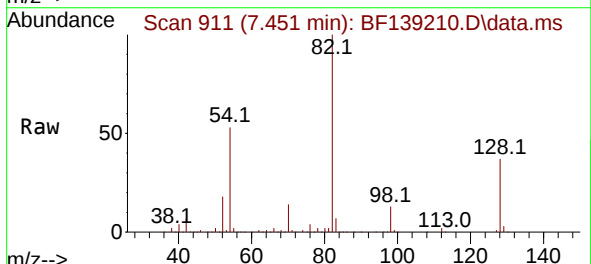
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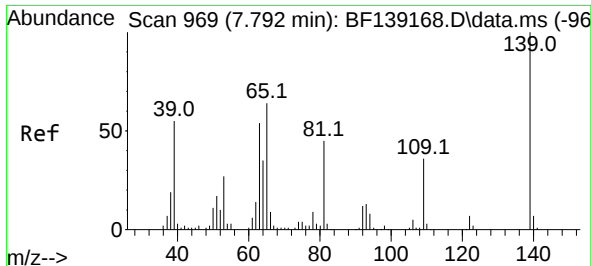
Tgt Ion: 77 Resp: 2388
Ion Ratio Lower Upper
77 100
123 0.0 28.7 43.1#
65 33.0 10.9 16.3#



#25
Isophorone
Concen: 59.320 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

Tgt Ion: 82 Resp: 674580
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 12.2 18.4#

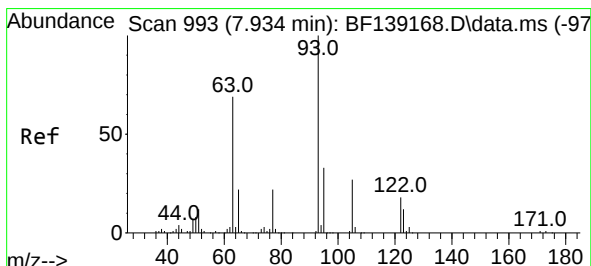
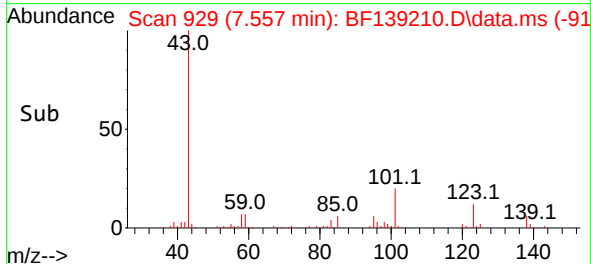
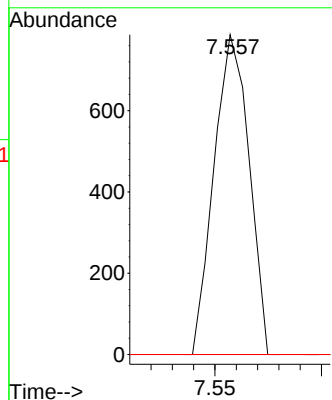
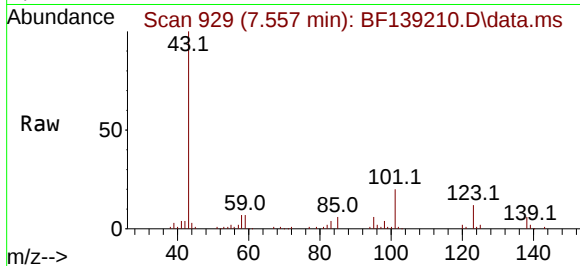




#26
2-Nitrophenol
Concen: 5.362 ng
RT: 7.557 min Scan# 91
Delta R.T. -0.235 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

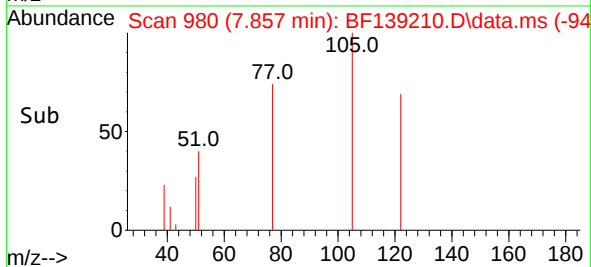
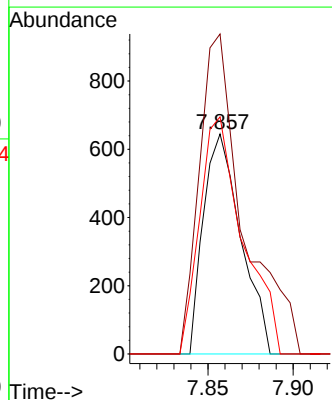
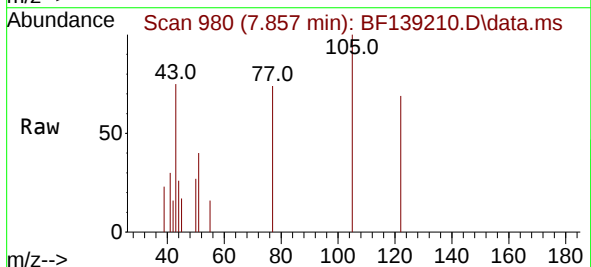
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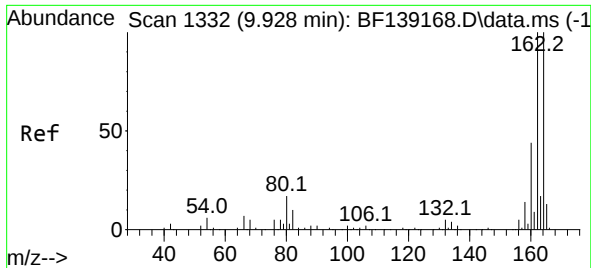
Tgt Ion:139 Resp: 899
Ion Ratio Lower Upper
139 100
109 0.0 28.9 43.3#
65 0.0 51.1 76.7#



#32
Benzoic acid
Concen: 9.792 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.077 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

Tgt Ion:122 Resp: 984
Ion Ratio Lower Upper
122 100
105 145.4 118.9 158.9
77 107.8 96.4 136.4

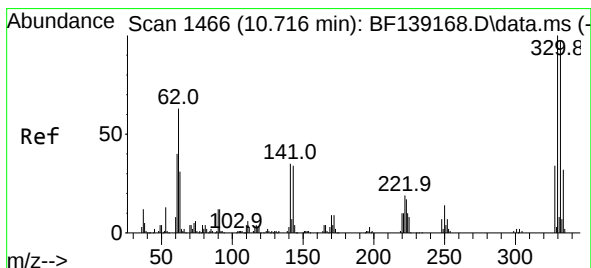
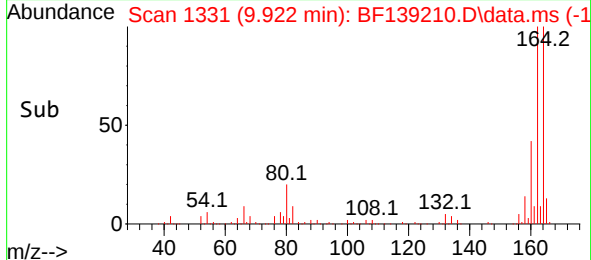
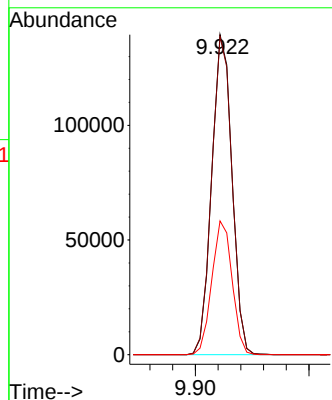
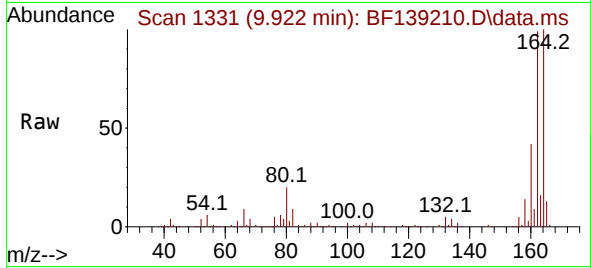




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

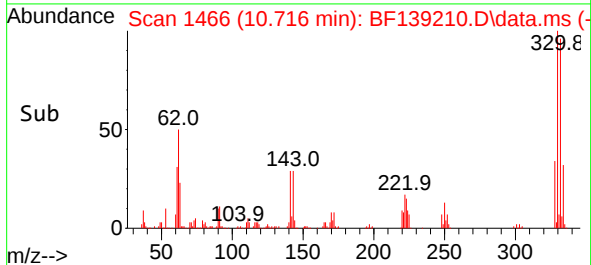
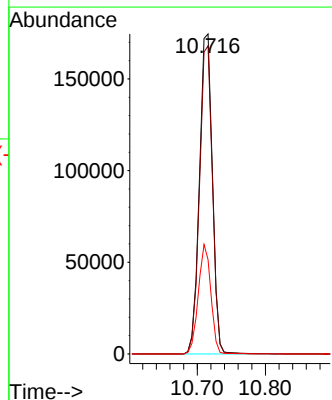
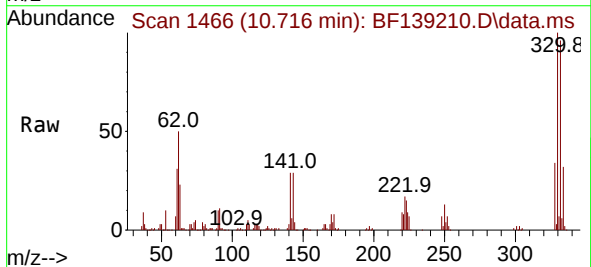
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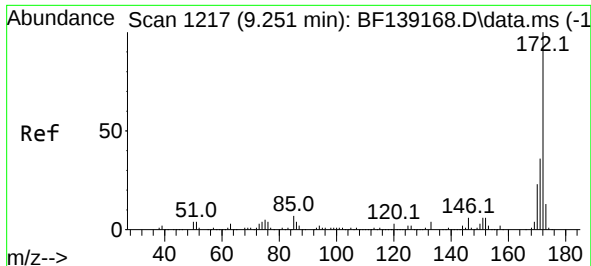
Tgt Ion:164 Resp: 172929
Ion Ratio Lower Upper
164 100
162 99.4 80.0 120.0
160 41.8 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 155.871 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

Tgt Ion:330 Resp: 230853
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 33.0 28.8 43.2

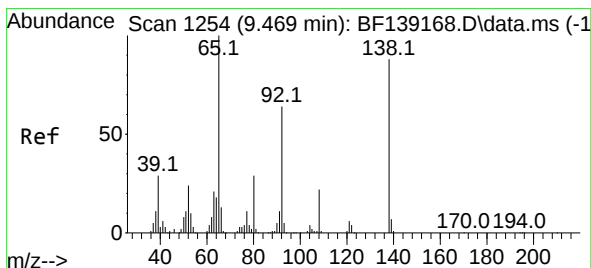
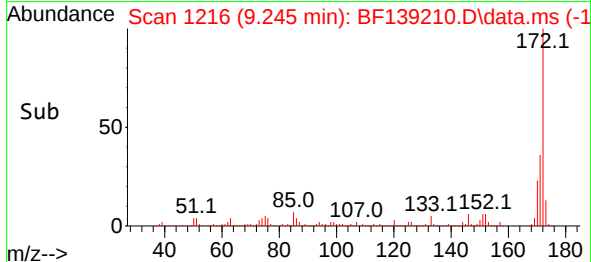
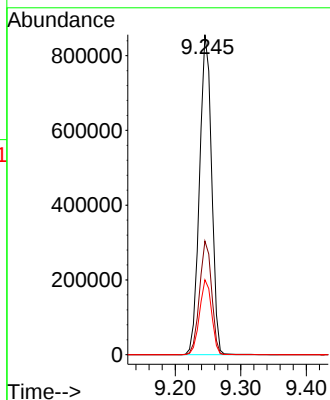
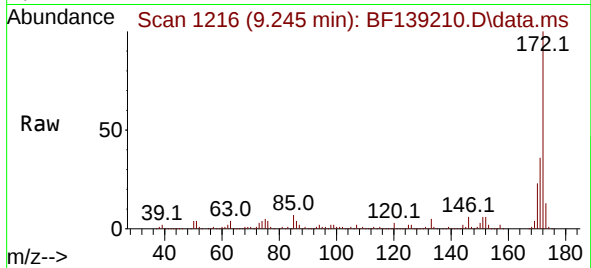




#45
2-Fluorobiphenyl
Concen: 99.025 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

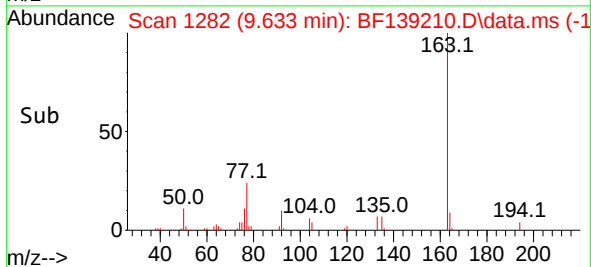
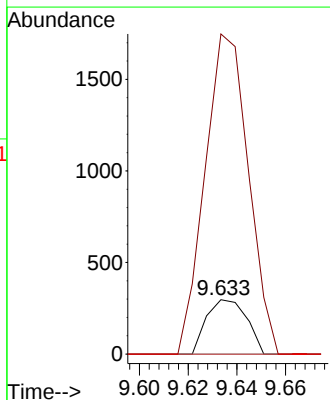
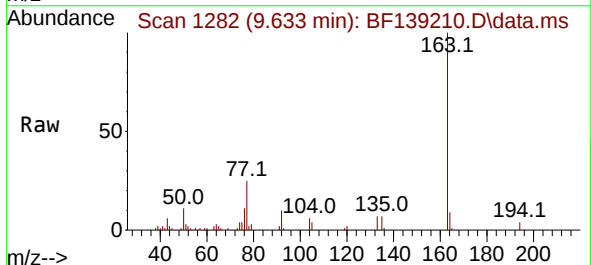
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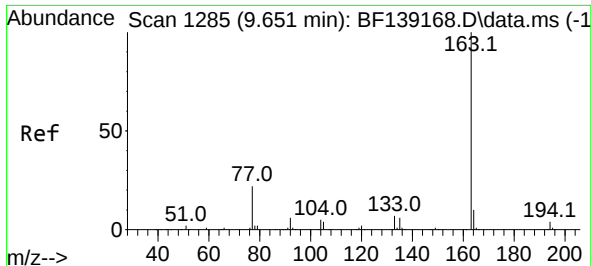
Tgt Ion:172 Resp: 1102403
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.4 18.8 28.2



#48
2-Nitroaniline
Concen: 5.881 ng
RT: 9.633 min Scan# 1282
Delta R.T. 0.164 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

Tgt Ion: 65 Resp: 340
Ion Ratio Lower Upper
65 100
92 588.6 51.2 76.8#
138 0.0 70.0 105.0#

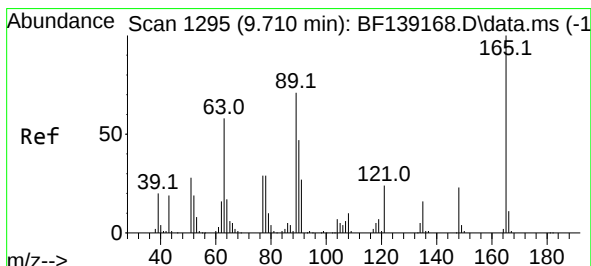
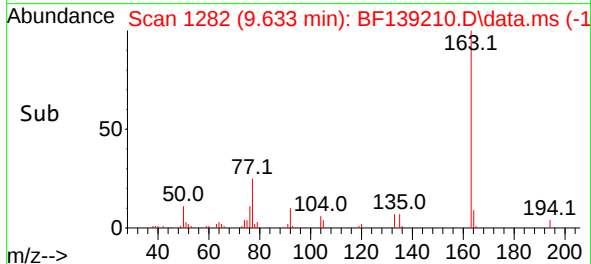
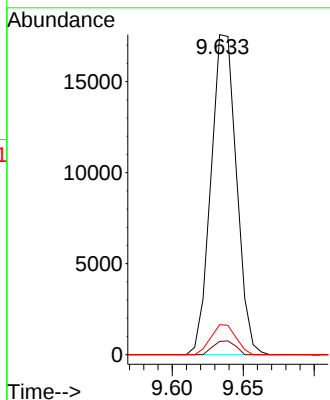
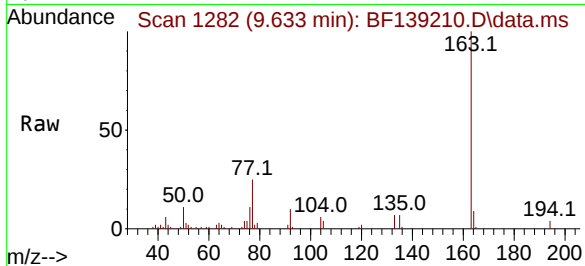




#50
Dimethylphthalate
Concen: 2.204 ng
RT: 9.633 min Scan# 1331
Delta R.T. -0.018 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

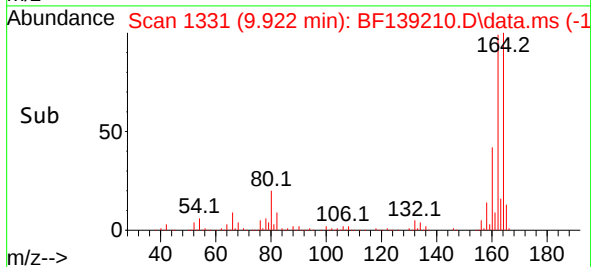
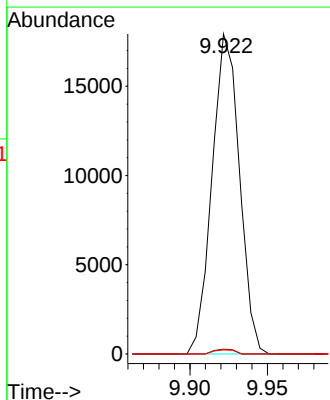
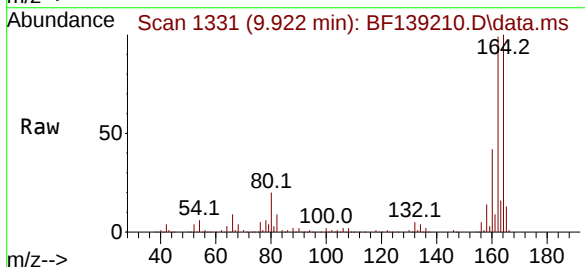
Instrument :
BNA_F
ClientSampleId :
WC-1

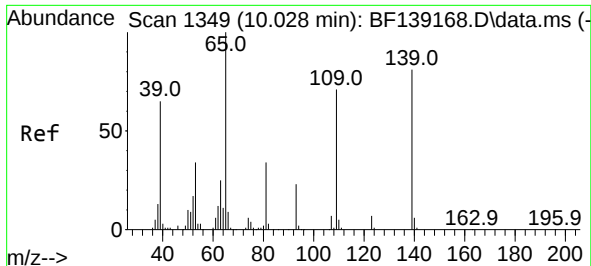
Tgt Ion:163 Resp: 22016
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.4 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 14.400 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

Tgt Ion:165 Resp: 22069
Ion Ratio Lower Upper
165 100
63 1.5 60.1 90.1#
89 1.2 57.0 85.6#

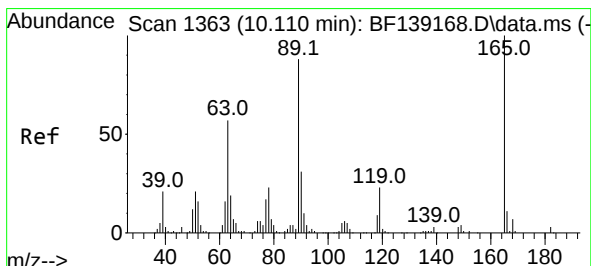
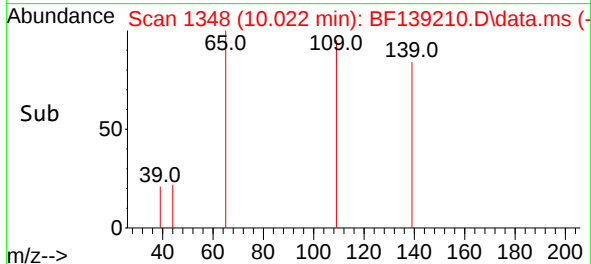
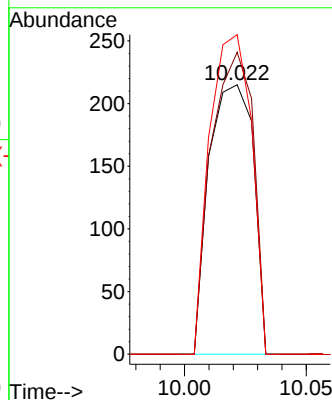
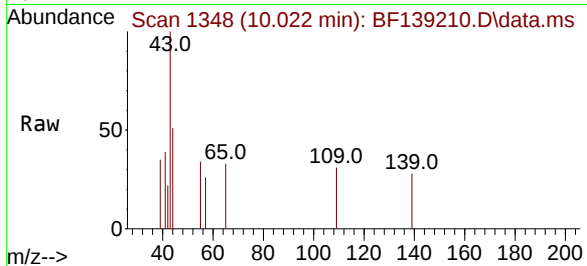




#56
4-Nitrophenol
Concen: 5.298 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

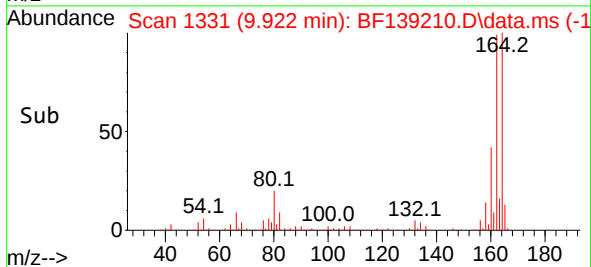
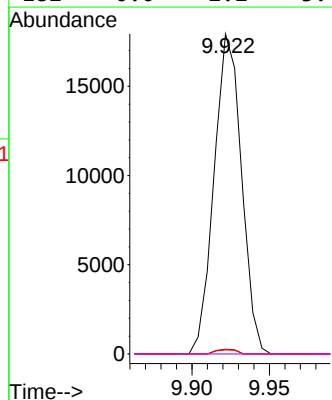
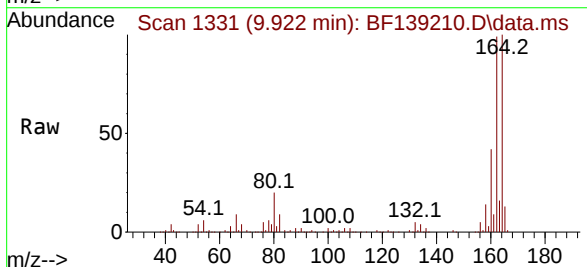
Instrument :
BNA_F
ClientSampleId :
WC-1

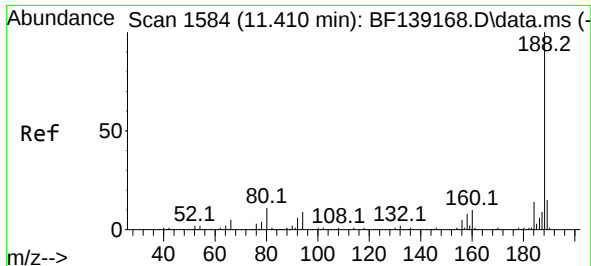
Tgt Ion:139 Resp: 271
Ion Ratio Lower Upper
139 100
109 112.1 68.2 108.2#
65 118.6 104.7 144.7



#57
2,4-Dinitrotoluene
Concen: 13.062 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

Tgt Ion:165 Resp: 22069
Ion Ratio Lower Upper
165 100
63 1.5 46.2 69.2#
89 1.2 70.2 105.4#
182 0.0 2.2 3.4#

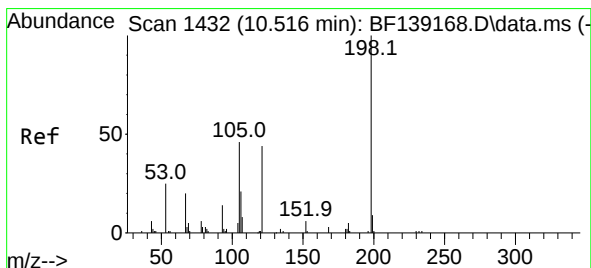
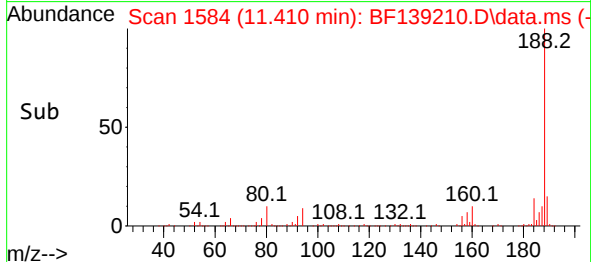
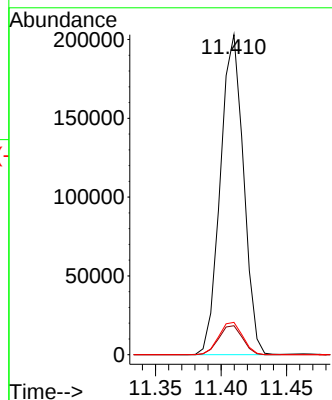
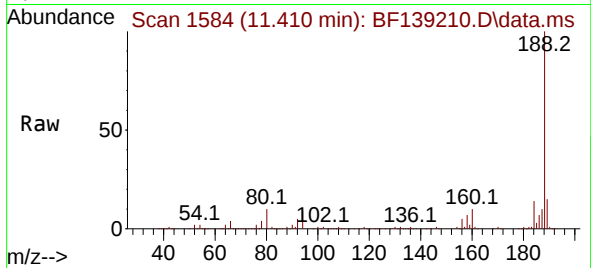




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

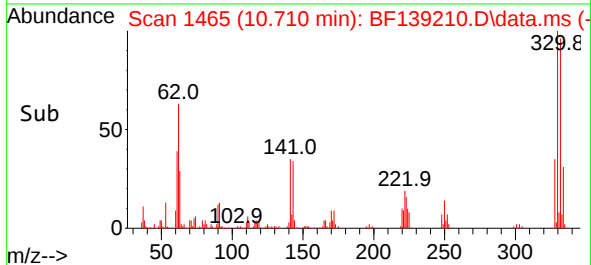
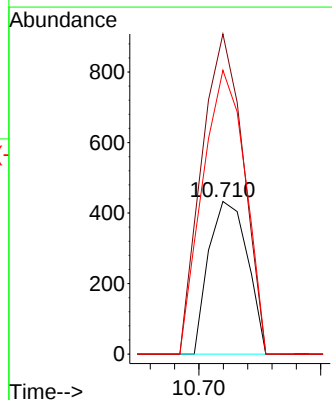
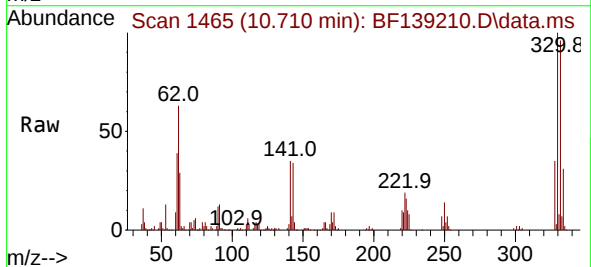
Instrument :
BNA_F
ClientSampleId :
WC-1

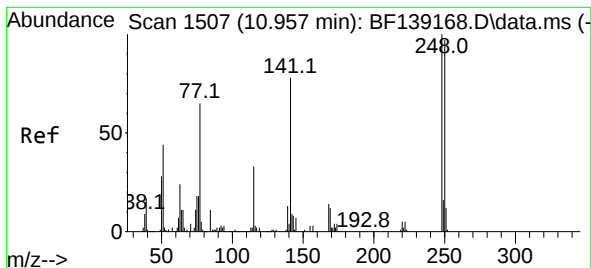
Tgt Ion:188 Resp: 249097
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 10.1 8.9 13.3



#65
4,6-Dinitro-2-methylphenol
Concen: 7.427 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.194 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

Tgt Ion:198 Resp: 479
Ion Ratio Lower Upper
198 100
51 209.7 39.2 79.2#
105 185.9 29.3 69.3#

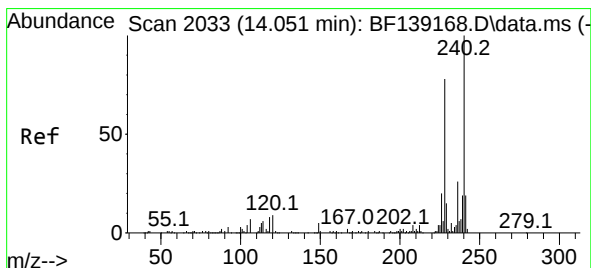
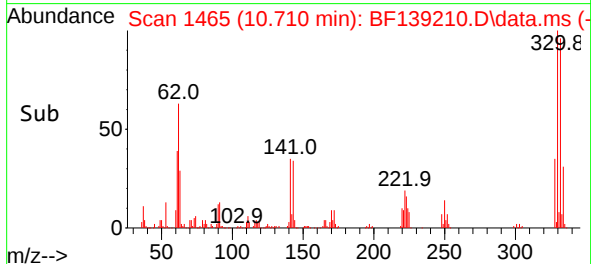
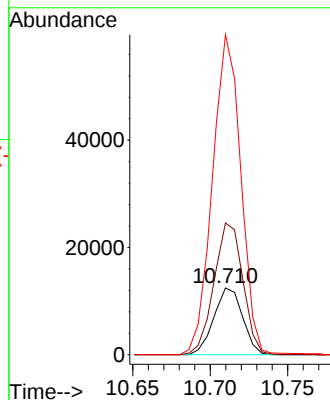
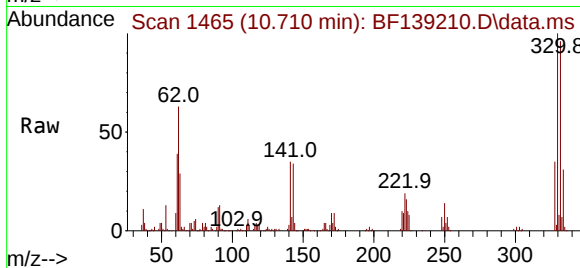




#67
4-Bromophenyl-phenylether
Concen: 6.039 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

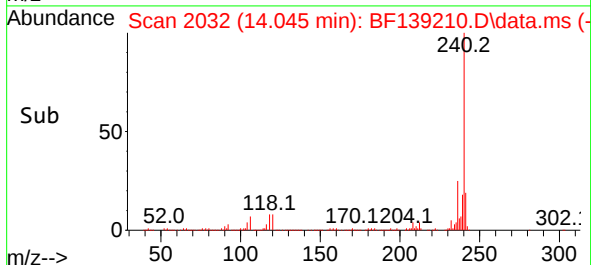
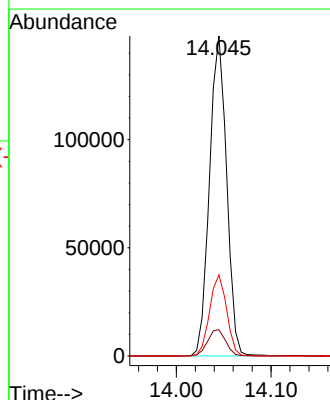
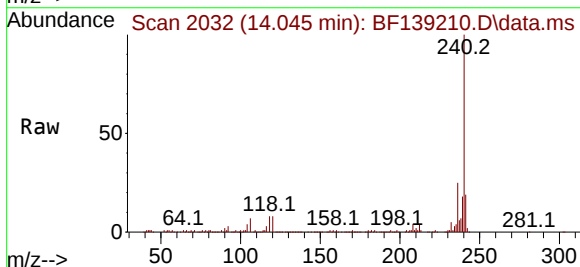
Instrument :
BNA_F
ClientSampleId :
WC-1

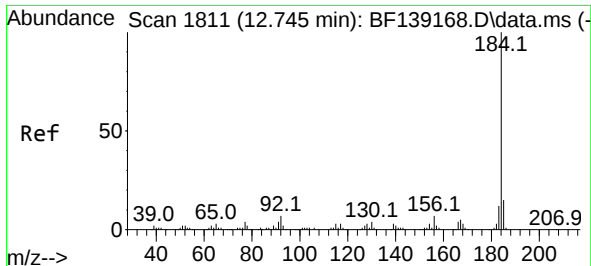
Tgt Ion:248 Resp: 15984
Ion Ratio Lower Upper
248 100
250 197.5 78.0 117.0#
141 479.4 62.6 94.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

Tgt Ion:240 Resp: 185375
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 25.4 20.9 31.3

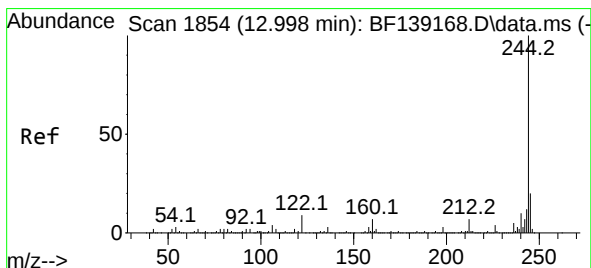
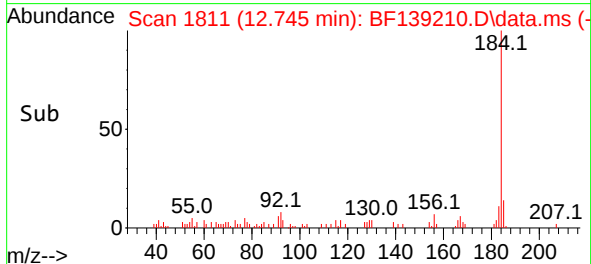
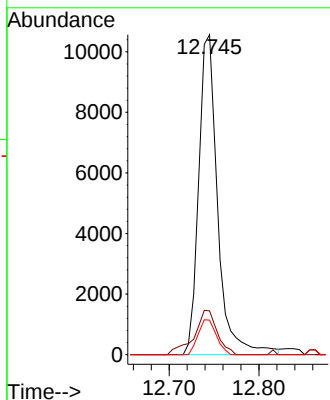
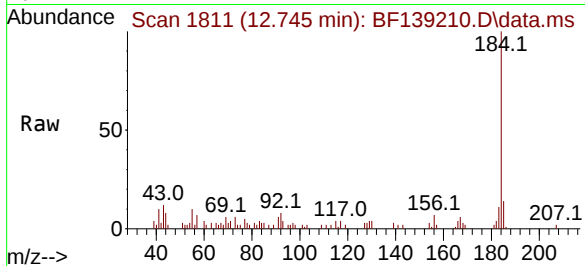




#77
Benzidine
Concen: 4.956 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

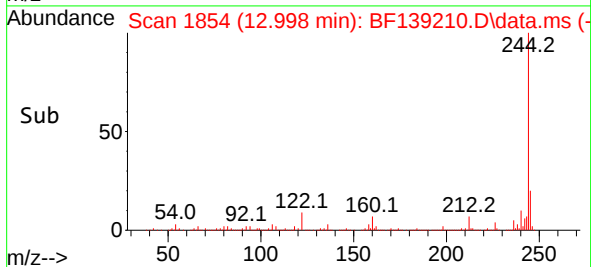
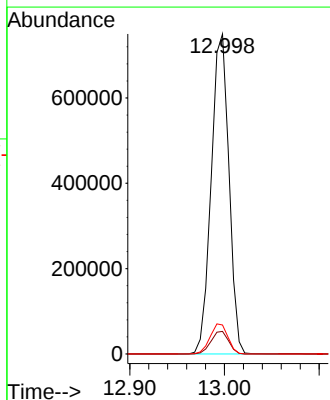
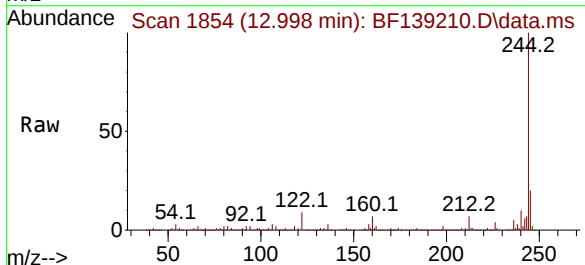
Instrument :
BNA_F
ClientSampleId :
WC-1

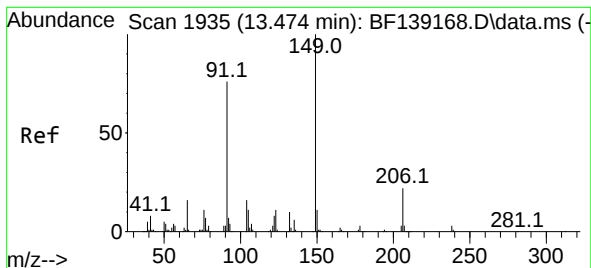
Tgt Ion:184 Resp: 15502
Ion Ratio Lower Upper
184 100
185 13.7 12.1 18.1
183 10.8 9.4 14.0



#79
Terphenyl-d14
Concen: 81.899 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

Tgt Ion:244 Resp: 973007
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 9.1 7.6 11.4





#80

Butylbenzylphthalate

Concen: 4.537 ng

RT: 13.463 min Scan# 1933

Delta R.T. -0.011 min

Lab File: BF139210.D

Acq: 28 Aug 2024 16:48

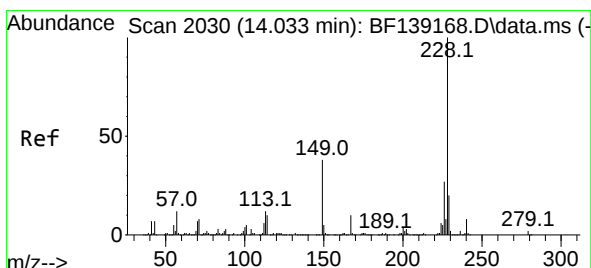
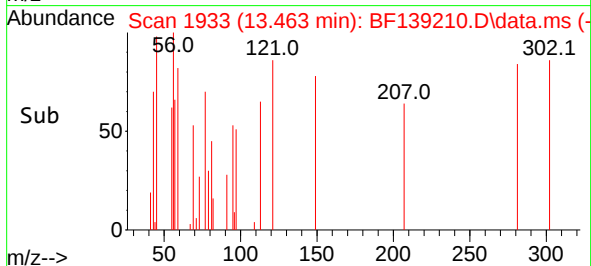
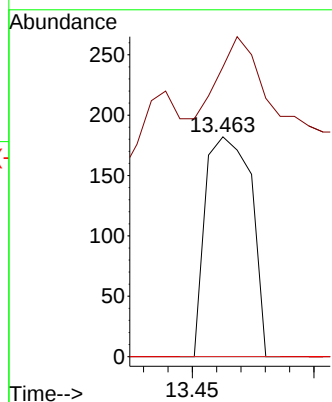
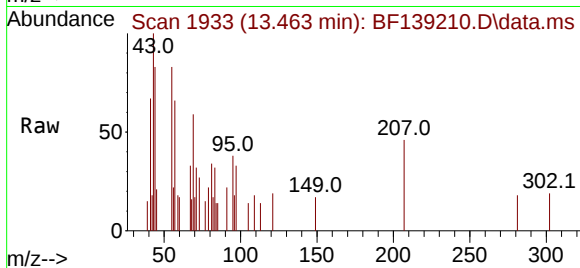
Instrument :

BNA_F

ClientSampleId :

WC-1

Tgt Ion:149	Resp:	237
Ion	Ratio	Lower Upper
149	100	
91	131.9	60.9 91.3#
206	0.0	17.7 26.5#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.840 ng

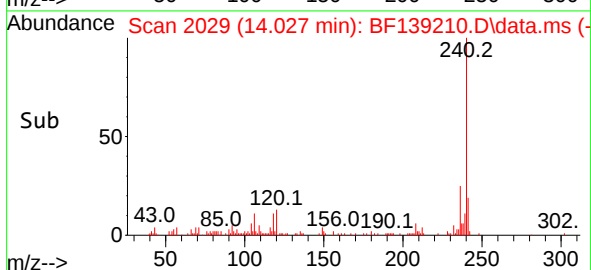
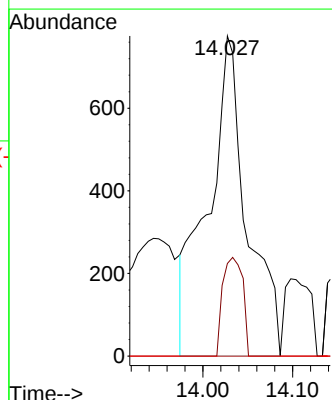
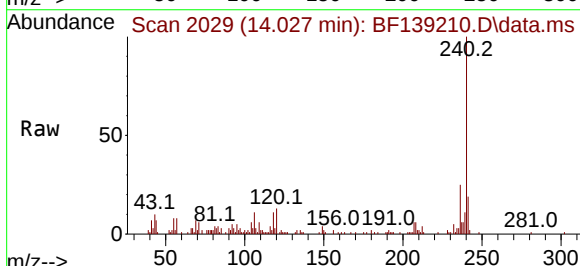
RT: 14.027 min Scan# 2029

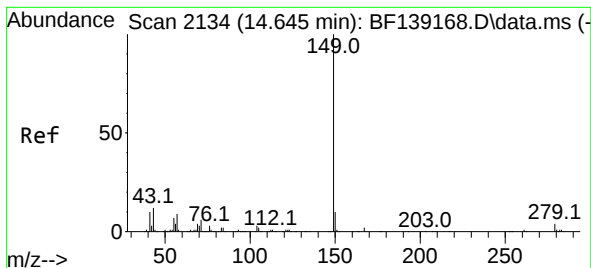
Delta R.T. -0.006 min

Lab File: BF139210.D

Acq: 28 Aug 2024 16:48

Tgt Ion:149	Resp:	2344
Ion	Ratio	Lower Upper
149	100	
167	28.9	21.3 31.9
279	0.0	3.4 5.0#





#85

Di-n-octyl phthalate

Concen: 8.965 ng

RT: 14.639 min Scan# 2133

Delta R.T. -0.006 min

Lab File: BF139210.D

Acq: 28 Aug 2024 16:48

Instrument :

BNA_F

ClientSampleId :

WC-1

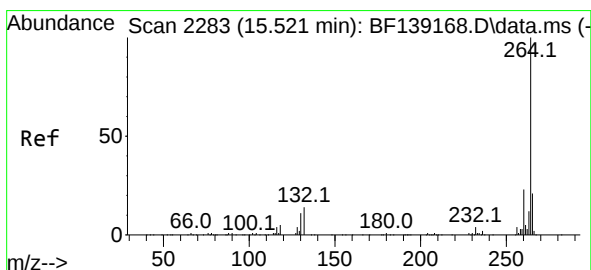
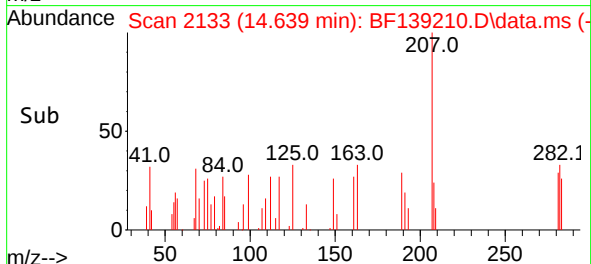
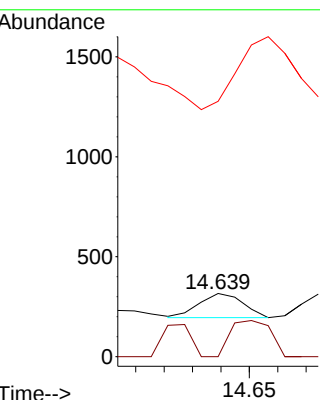
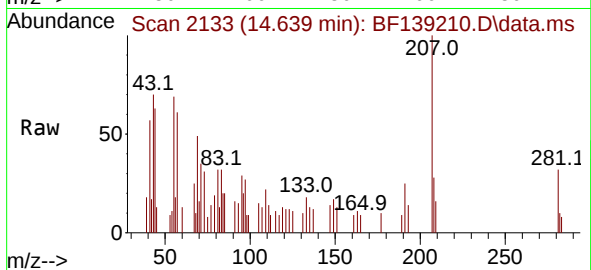
Tgt Ion:149 Resp: 130

Ion Ratio Lower Upper

149 100

167 136.9 1.3 1.9#

43 392.3 9.9 14.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2282

Delta R.T. -0.006 min

Lab File: BF139210.D

Acq: 28 Aug 2024 16:48

Tgt Ion:264 Resp: 166302

Ion Ratio Lower Upper

264 100

260 24.1 18.3 27.5

265 21.7 17.0 25.6

