

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
 Data File : BF140810.D
 Acq On : 10 Dec 2024 17:08
 Operator : RC/JU
 Sample : P5216-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-G-6

Quant Time: Dec 11 00:33:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

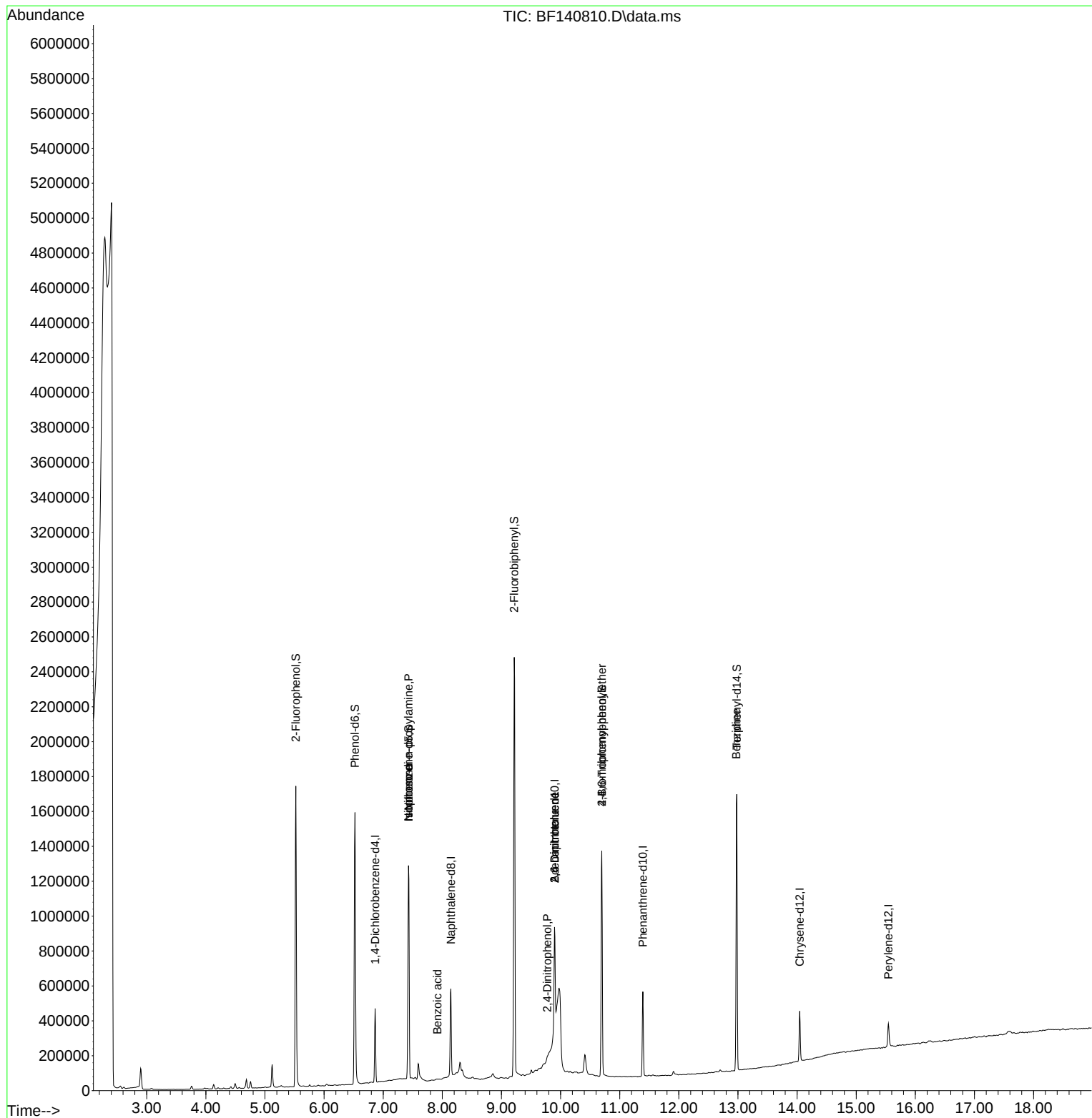
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	90375	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	330971	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	172959	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	262163	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	145860	20.000	ng	0.00
86) Perylene-d12	15.545	264	87133	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	674104	127.266	ng	0.02
7) Phenol-d6	6.522	99	791203	112.988	ng	0.00
23) Nitrobenzene-d5	7.428	82	598705	92.528	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	230722	124.727	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1123265	96.763	ng	-0.02
79) Terphenyl-d14	12.980	244	801953	85.613	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	81696	19.741	ng	# 78
25) Isophorone	7.428	82	593515	54.994	ng	# 66
32) Benzoic acid	7.916	122	965	7.458	ng	# 82
51) 2,6-Dinitrotoluene	9.898	165	22786	8.820	ng	# 31
54) 2,4-Dinitrophenol	9.775	184	345	8.056	ng	# 1
57) 2,4-Dinitrotoluene	9.898	165	22786	6.636	ng	# 28
67) 4-Bromophenyl-phenylether	10.698	248	15114	5.598	ng	# 1
77) Benzidine	12.974	184	11493	2.710	ng	# 94

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

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-G-6

Quant Time: Dec 11 00:33:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

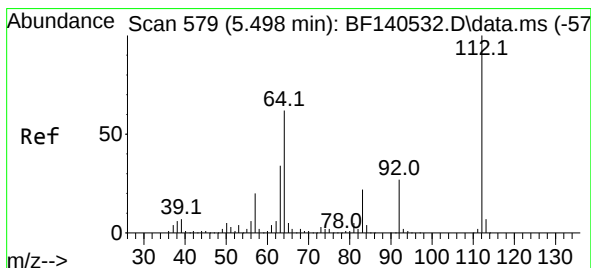
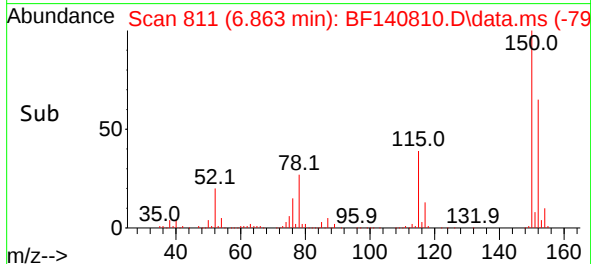
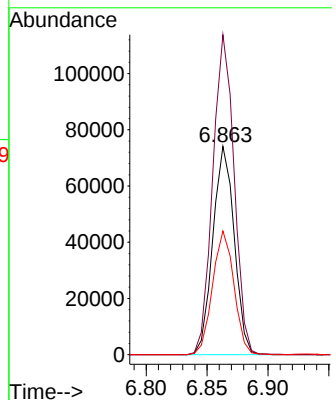
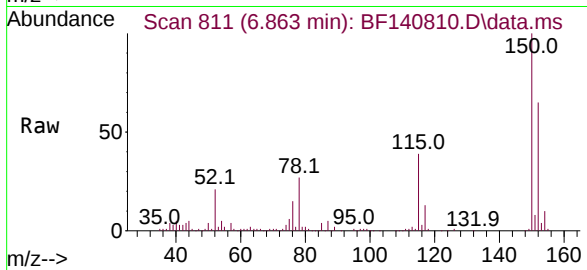




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140810.D
Acq: 10 Dec 2024 17:08

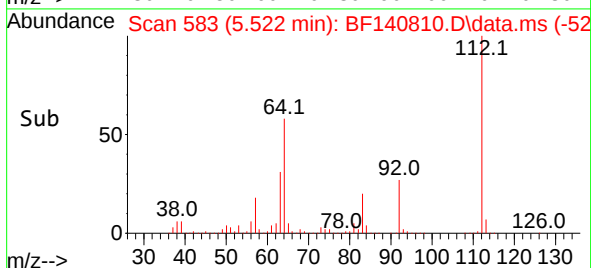
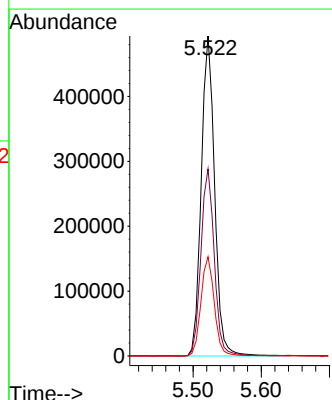
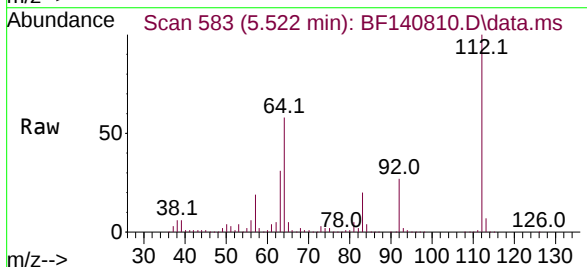
Instrument :
BNA_F
ClientSampleId :
BP-G-6

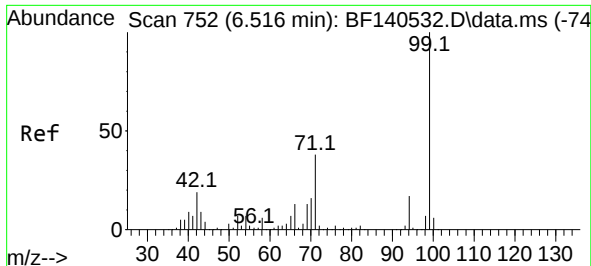
Tgt Ion:152 Resp: 90375
Ion Ratio Lower Upper
152 100
150 153.7 128.5 192.7
115 59.4 50.2 75.4



#5
2-Fluorophenol
Concen: 127.266 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.023 min
Lab File: BF140810.D
Acq: 10 Dec 2024 17:08

Tgt Ion:112 Resp: 674104
Ion Ratio Lower Upper
112 100
64 58.4 49.2 73.8
63 31.0 27.0 40.4

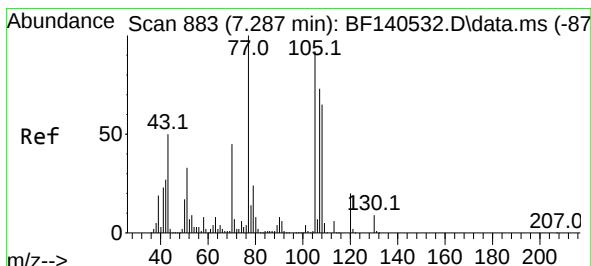
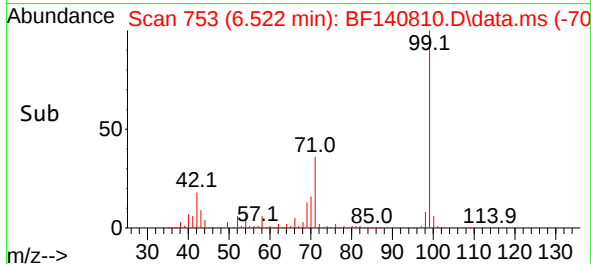
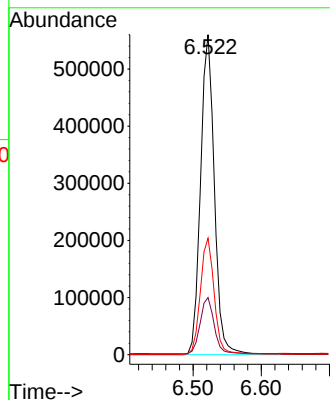
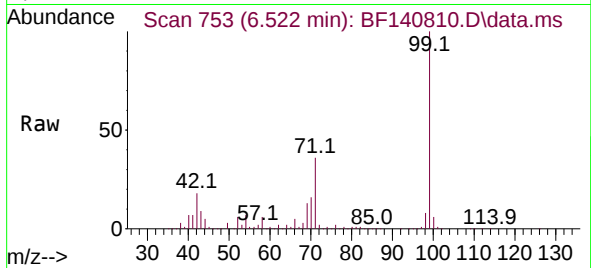




#7
Phenol-d6
Concen: 112.988 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140810.D
Acq: 10 Dec 2024 17:08

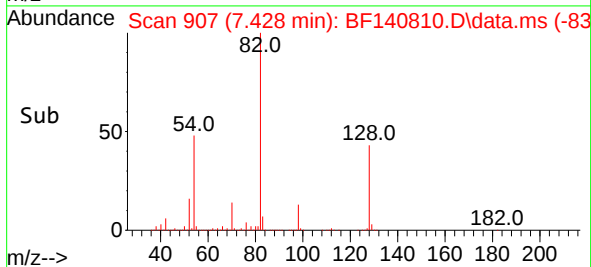
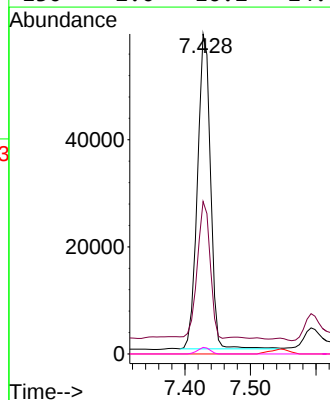
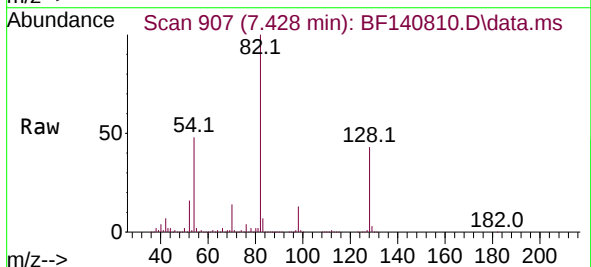
Instrument :
BNA_F
ClientSampleId :
BP-G-6

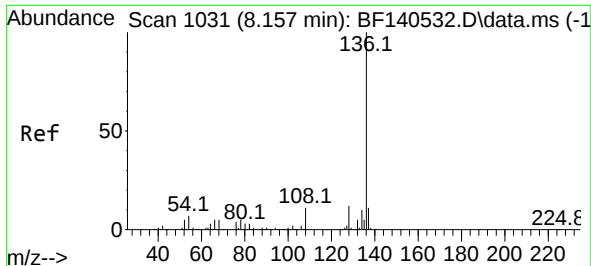
Tgt Ion: 99 Resp: 791203
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 36.4 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.741 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140810.D
Acq: 10 Dec 2024 17:08

Tgt Ion: 70 Resp: 81696
Ion Ratio Lower Upper
70 100
42 47.6 47.6 71.4
101 0.0 7.6 11.4#
130 2.0 16.2 24.4#

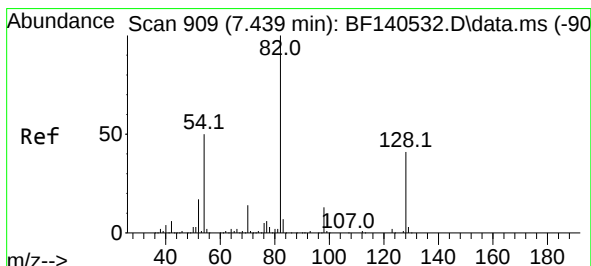
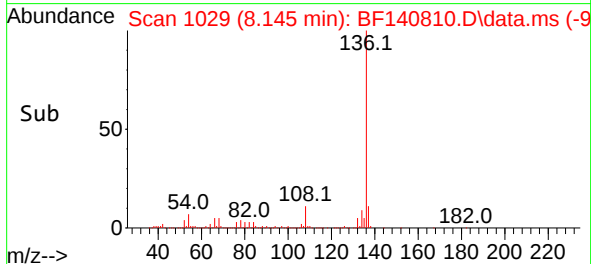
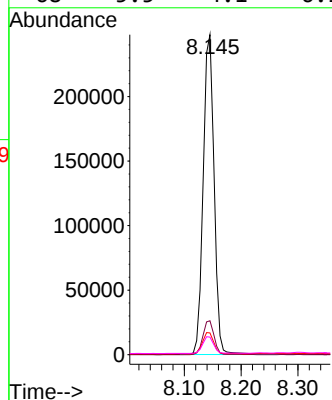
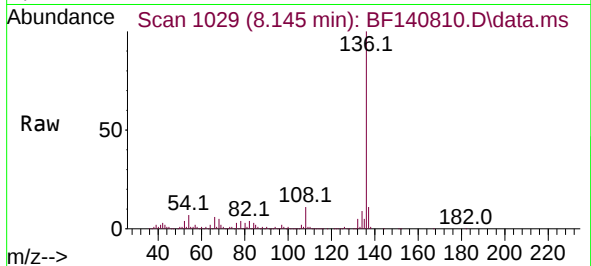




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140810.D
Acq: 10 Dec 2024 17:08

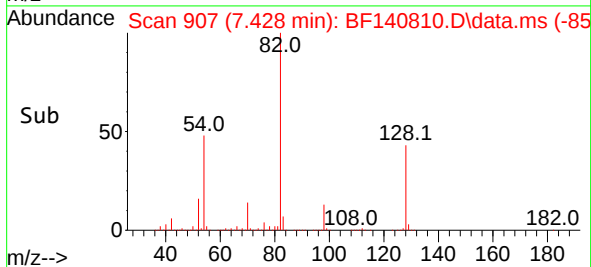
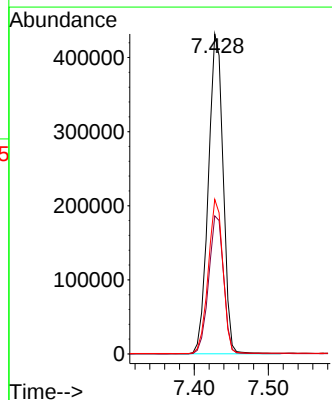
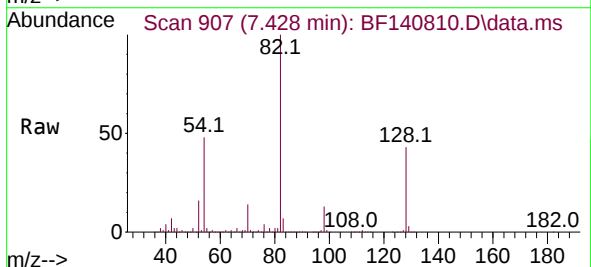
Instrument :
BNA_F
ClientSampleId :
BP-G-6

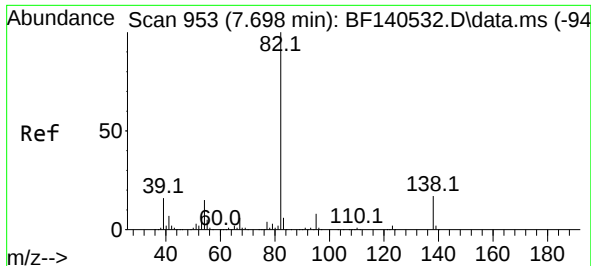
Tgt	Ion:136	Resp:	330971
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	6.8	5.8	8.8
68	5.5	4.1	6.1



#23
Nitrobenzene-d5
Concen: 92.528 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140810.D
Acq: 10 Dec 2024 17:08

Tgt Ion: 82	Resp: 598705
Ion Ratio	Lower Upper
82 100	
128 43.2	33.0 49.4
54 48.3	39.5 59.3

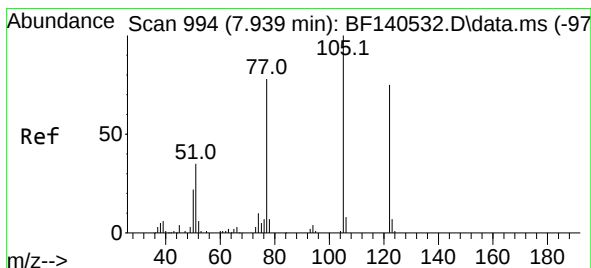
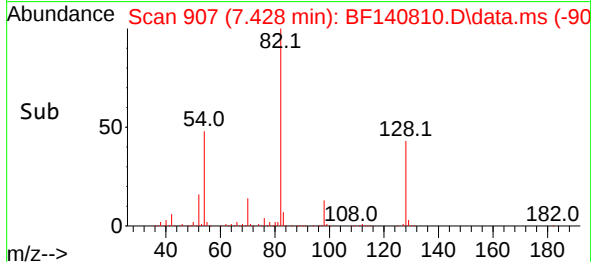
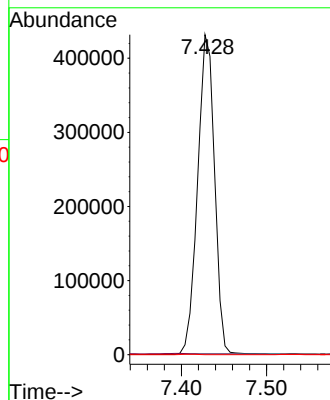
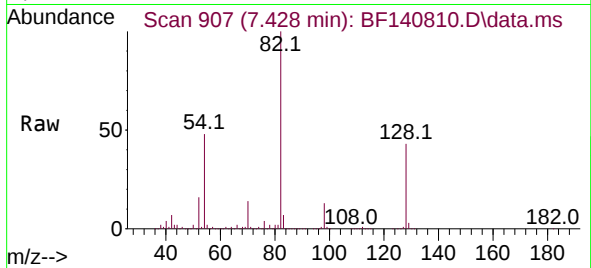




#25
Isophorone
Concen: 54.994 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140810.D
Acq: 10 Dec 2024 17:08

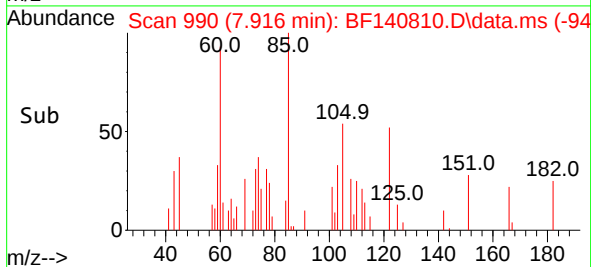
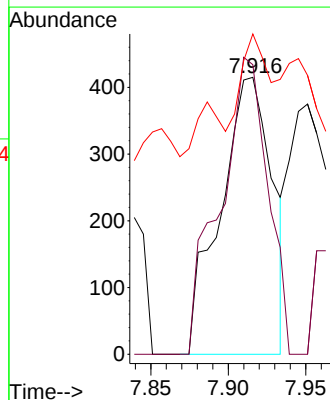
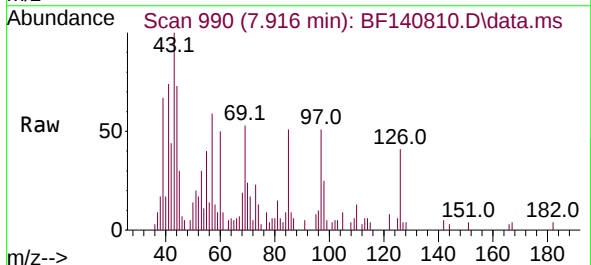
Instrument :
BNA_F
ClientSampleId :
BP-G-6

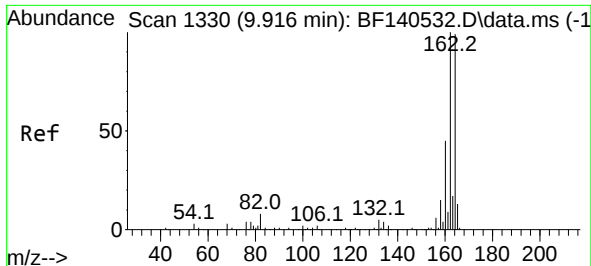
Tgt Ion: 82 Resp: 593515
Ion Ratio Lower Upper
82 100
95 0.2 6.4 9.6#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.458 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.023 min
Lab File: BF140810.D
Acq: 10 Dec 2024 17:08

Tgt Ion:122 Resp: 965
Ion Ratio Lower Upper
122 100
105 104.6 109.3 149.3#
77 115.7 82.3 122.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF140810.D

Acq: 10 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

BP-G-6

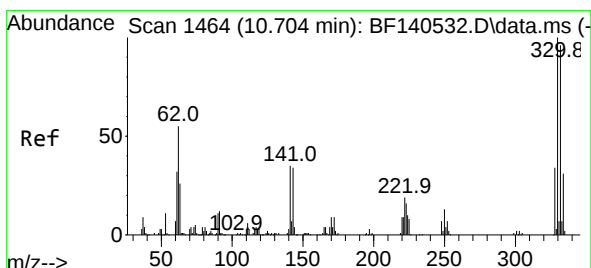
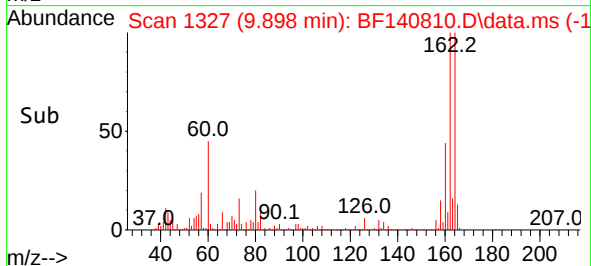
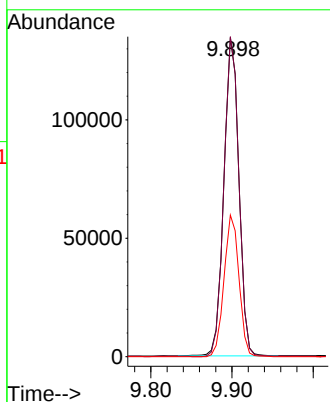
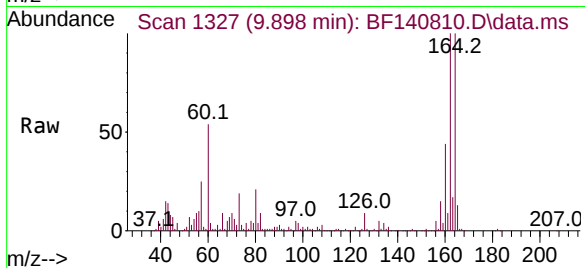
Tgt Ion:164 Resp: 172959

Ion Ratio Lower Upper

164 100

162 100.3 80.6 120.8

160 44.4 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 124.727 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140810.D

Acq: 10 Dec 2024 17:08

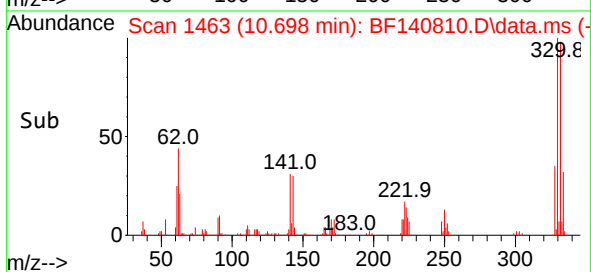
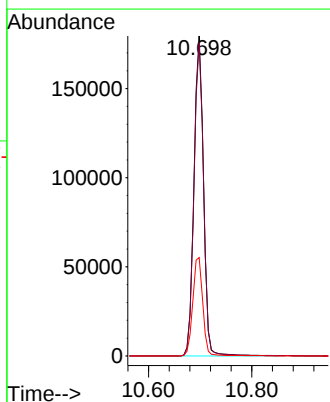
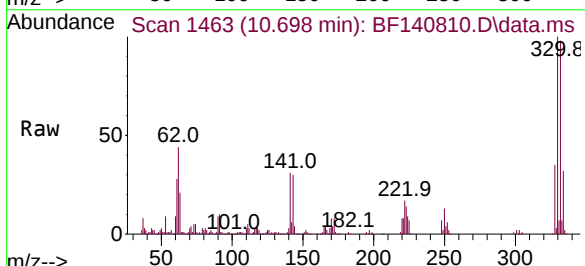
Tgt Ion:330 Resp: 230722

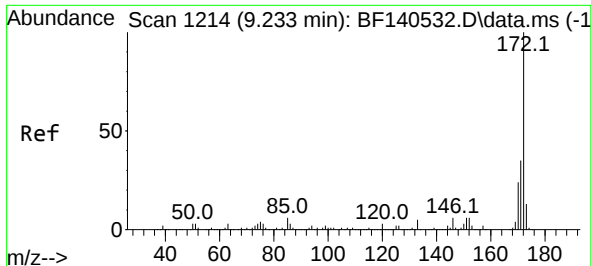
Ion Ratio Lower Upper

330 100

332 98.3 76.9 115.3

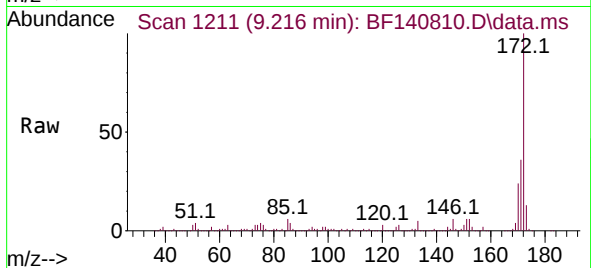
141 32.1 26.7 40.1



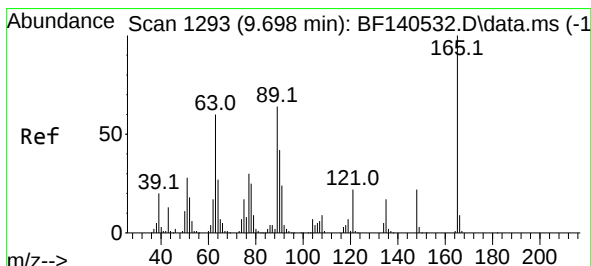
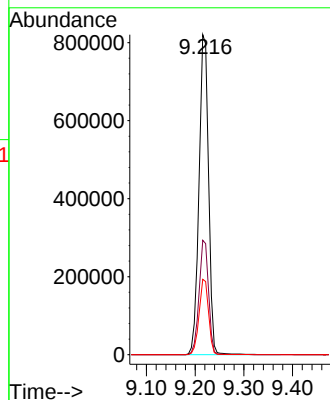
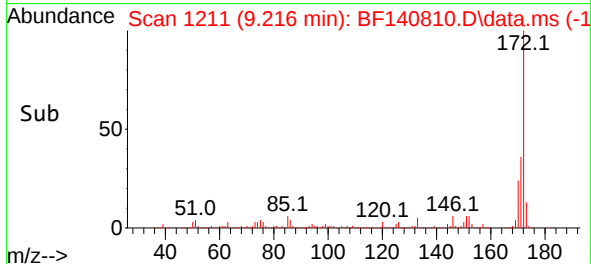


#45
2-Fluorobiphenyl
Concen: 96.763 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF140810.D
Acq: 10 Dec 2024 17:08

Instrument :
BNA_F
ClientSampleId :
BP-G-6

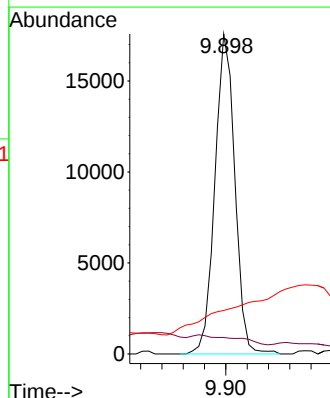
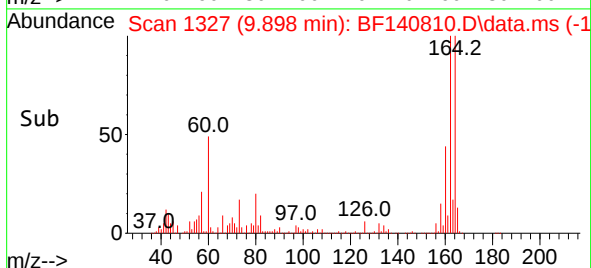
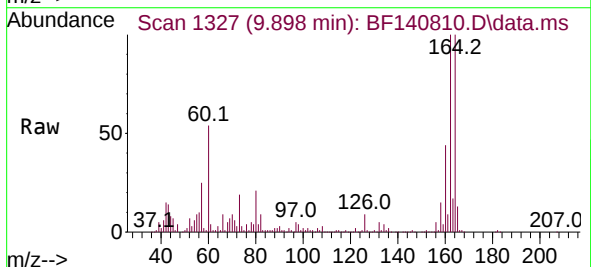


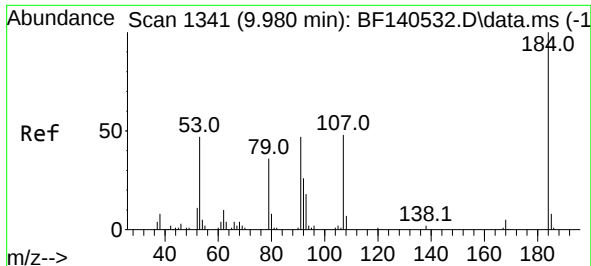
Tgt Ion:172 Resp: 1123265
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.5 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.820 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.200 min
Lab File: BF140810.D
Acq: 10 Dec 2024 17:08

Tgt Ion:165 Resp: 22786
Ion Ratio Lower Upper
165 100
63 5.2 49.9 74.9#
89 13.6 50.9 76.3#

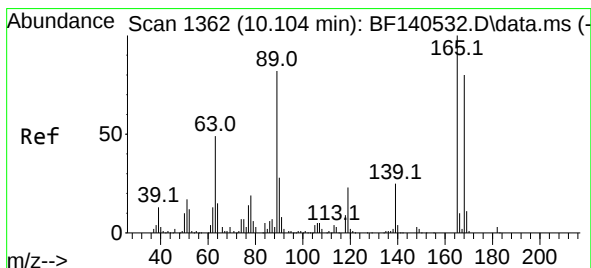
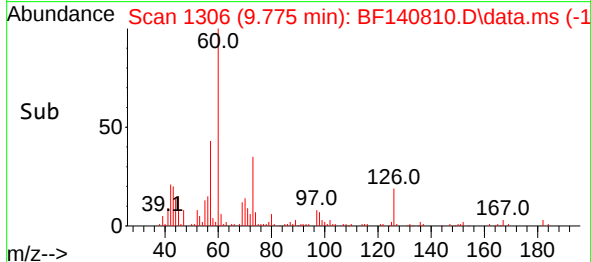
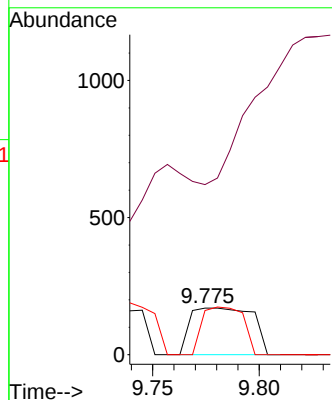
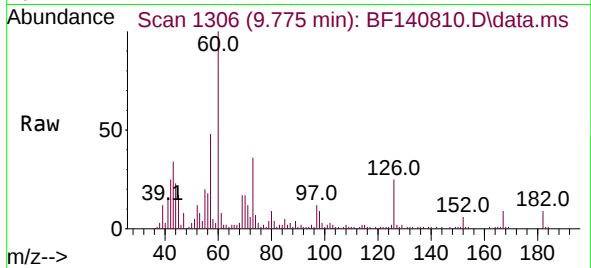




#54
2,4-Dinitrophenol
Concen: 8.056 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.205 min
Lab File: BF140810.D
Acq: 10 Dec 2024 17:08

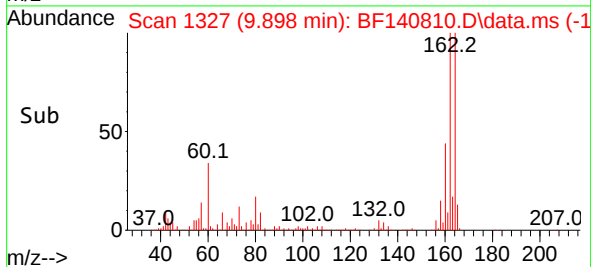
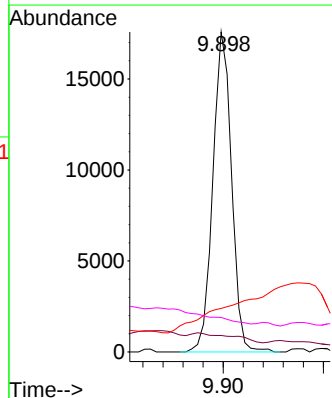
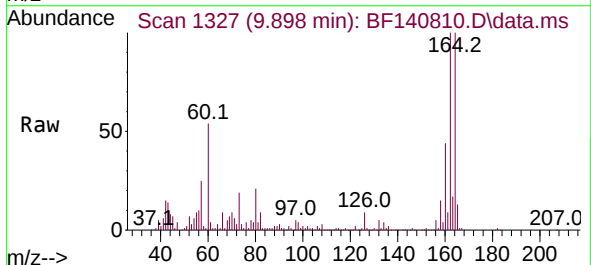
Instrument :
BNA_F
ClientSampleId :
BP-G-6

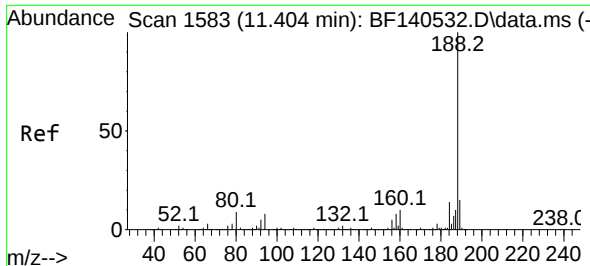
Tgt Ion:184 Resp: 345
Ion Ratio Lower Upper
184 100
63 364.7 54.1 81.1#
154 94.7 57.4 86.0#



#57
2,4-Dinitrotoluene
Concen: 6.636 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.206 min
Lab File: BF140810.D
Acq: 10 Dec 2024 17:08

Tgt Ion:165 Resp: 22786
Ion Ratio Lower Upper
165 100
63 5.2 41.7 62.5#
89 13.6 65.8 98.8#
182 10.8 2.1 3.1#

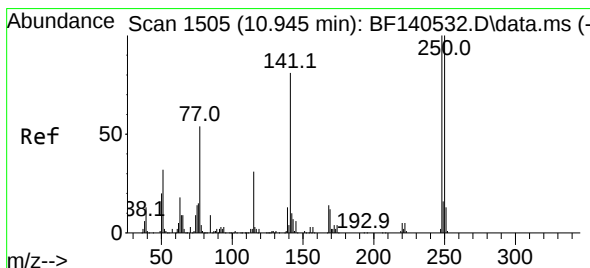
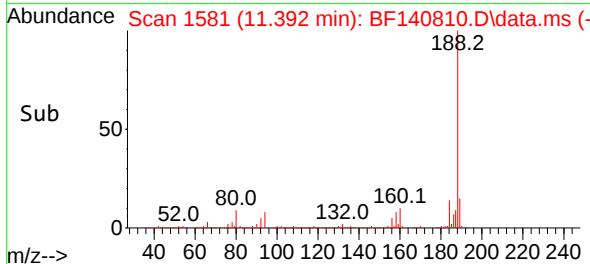
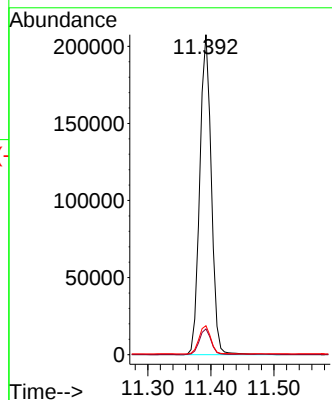
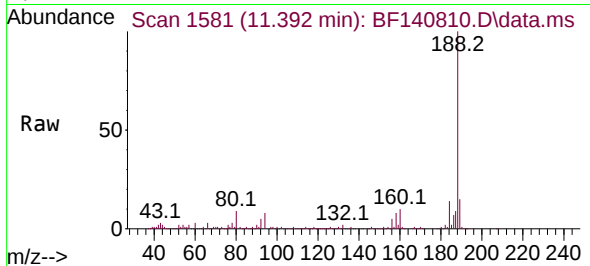




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140810.D
Acq: 10 Dec 2024 17:08

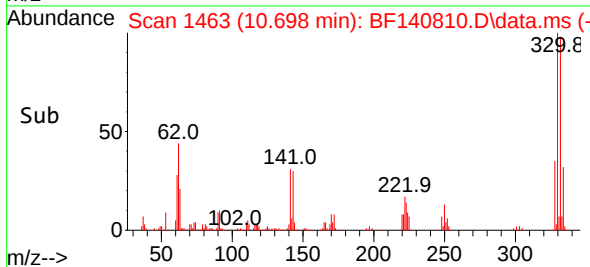
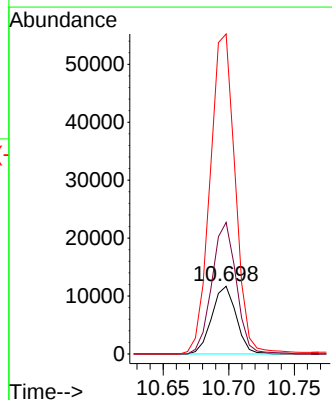
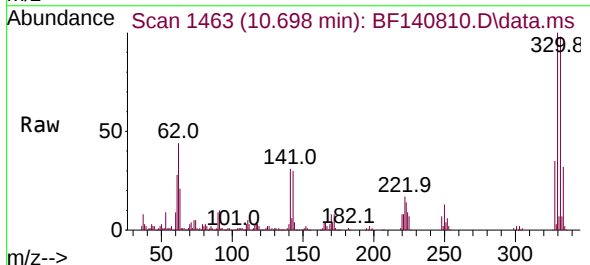
Instrument :
BNA_F
ClientSampleId :
BP-G-6

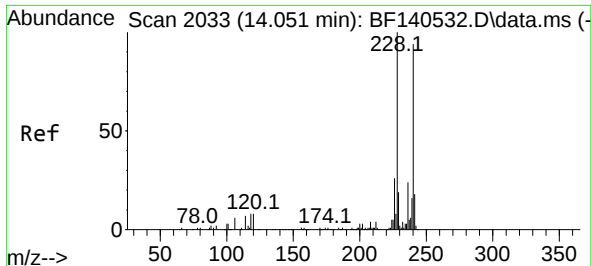
Tgt Ion:188 Resp: 262163
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 9.1 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 5.598 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140810.D
Acq: 10 Dec 2024 17:08

Tgt Ion:248 Resp: 15114
Ion Ratio Lower Upper
248 100
250 194.2 79.8 119.8#
141 472.7 64.7 97.1#

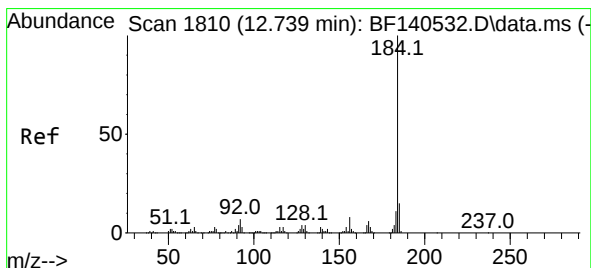
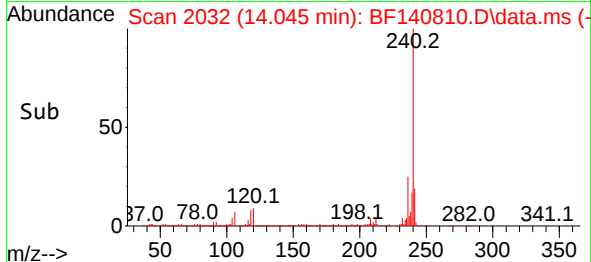
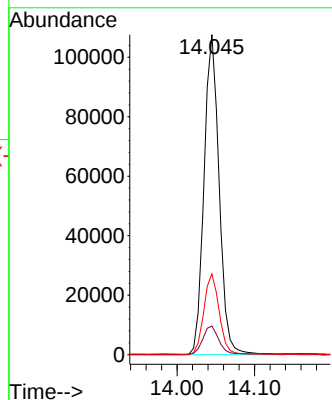
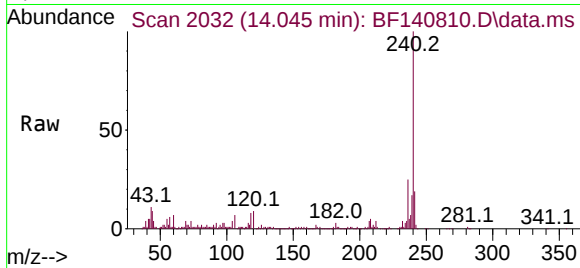




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF140810.D
Acq: 10 Dec 2024 17:08

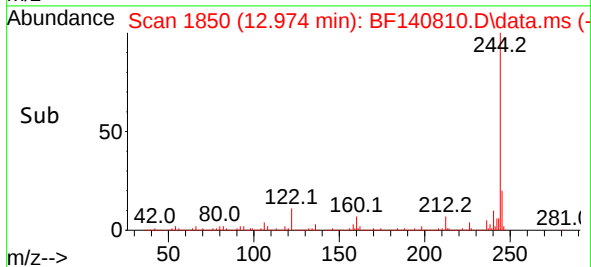
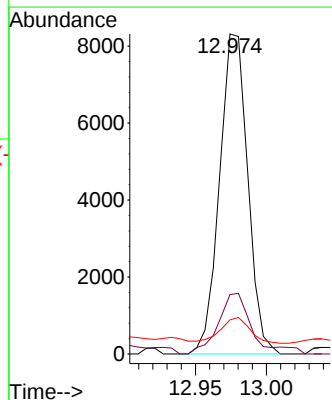
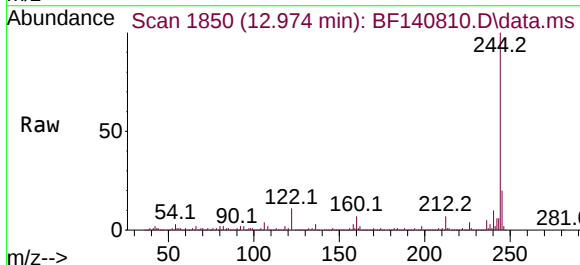
Instrument :
BNA_F
ClientSampleId :
BP-G-6

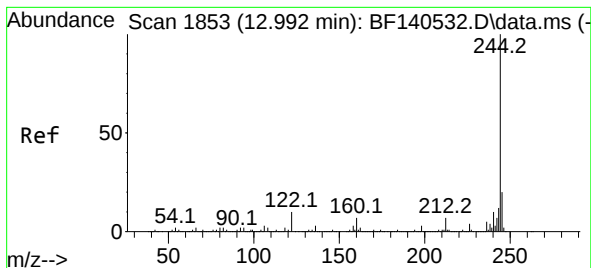
Tgt Ion:240 Resp: 145860
Ion Ratio Lower Upper
240 100
120 9.0 7.3 10.9
236 25.3 20.6 31.0



#77
Benzidine
Concen: 2.710 ng
RT: 12.974 min Scan# 1850
Delta R.T. 0.235 min
Lab File: BF140810.D
Acq: 10 Dec 2024 17:08

Tgt Ion:184 Resp: 11493
Ion Ratio Lower Upper
184 100
185 18.6 11.7 17.5#
183 10.6 8.8 13.2





#79

Terphenyl-d14

Concen: 85.613 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140810.D

Acq: 10 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

BP-G-6

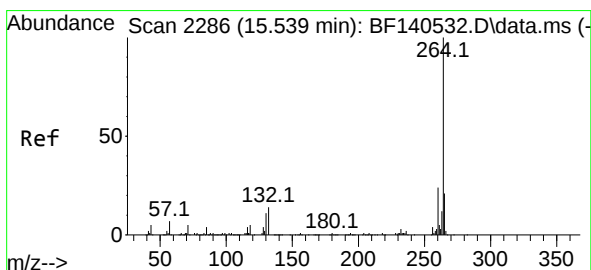
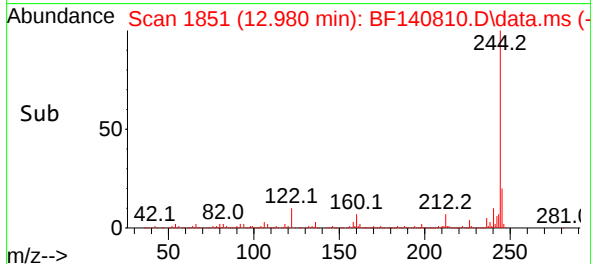
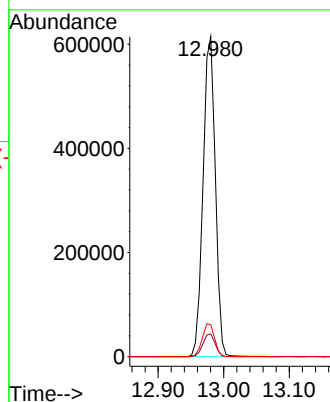
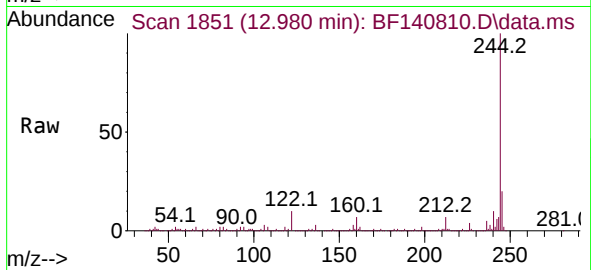
Tgt Ion:244 Resp: 801953

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.0 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2287

Delta R.T. 0.006 min

Lab File: BF140810.D

Acq: 10 Dec 2024 17:08

Tgt Ion:264 Resp: 87133

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 22.3 16.6 25.0

