

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
 Data File : BF140838.D
 Acq On : 11 Dec 2024 19:14
 Operator : RC/JU
 Sample : P5175-01RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-12062024RE

Quant Time: Dec 12 00:06:03 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)

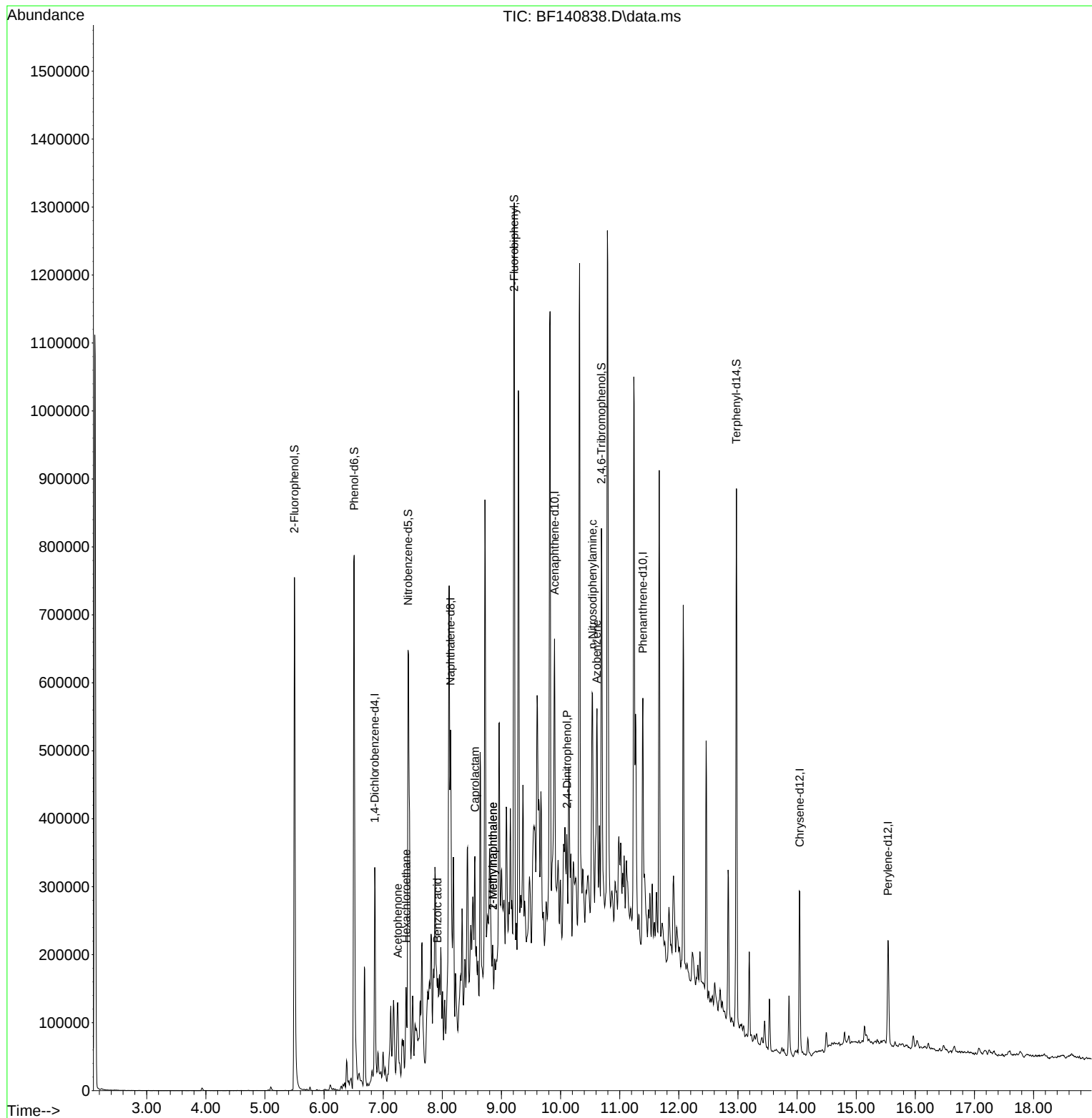
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	60582	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	224245	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	117207	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	182111	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	121660	20.000	ng	0.00
86) Perylene-d12	15.539	264	93867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	313044	88.165	ng	0.00
7) Phenol-d6	6.510	99	409658	87.271	ng	0.00
23) Nitrobenzene-d5	7.422	82	263019	59.995	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	101000	80.572	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	482988	61.398	ng	-0.02
79) Terphenyl-d14	12.974	244	375981	48.122	ng	-0.02
Target Compounds						
					Qvalue	
18) Hexachloroethane	7.387	117	8263	5.090	ng	# 1
22) Acetophenone	7.245	105	20824	3.809	ng	# 52
32) Benzoic acid	7.916	122	389	7.350	ng	# 1
35) Caprolactam	8.551	113	6133	6.225	ng	# 1
37) 2-Methylnaphthalene	8.857	142	22513	3.069	ng	97
38) 1-Methylnaphthalene	8.857	142	22513	3.131	ng	100
54) 2,4-Dinitrophenol	10.110	184	249	8.071	ng	# 1
63) Azobenzene	10.610	77	66186	8.911	ng	# 1
66) n-Nitrosodiphenylamine	10.539	169	11735	2.179	ng	# 82

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
Data File : BF140838.D
Acq On : 11 Dec 2024 19:14
Operator : RC/JU
Sample : P5175-01RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-12062024RE

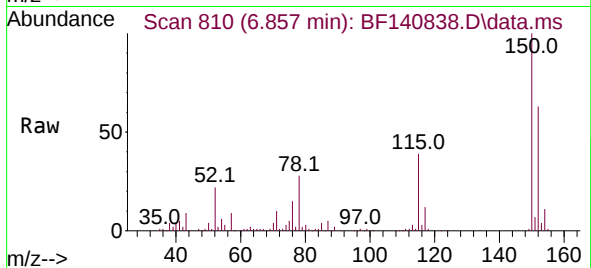
Quant Time: Dec 12 00:06:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



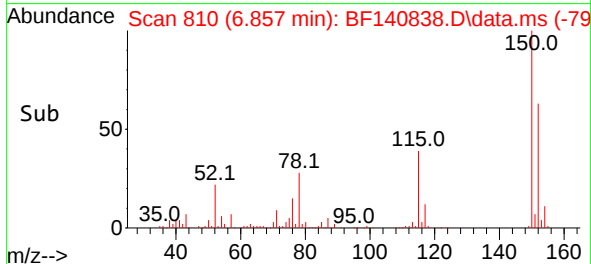
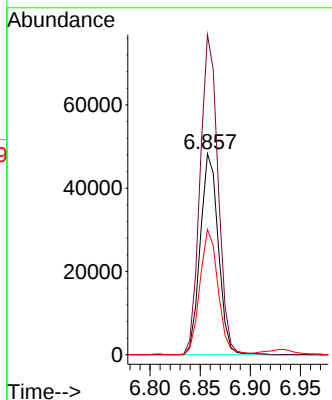


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.018 min
Lab File: BF140838.D
Acq: 11 Dec 2024 19:14

Instrument :
BNA_F
ClientSampleId :
OK-01-12062024RE

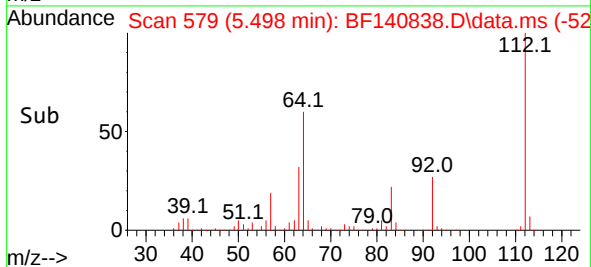
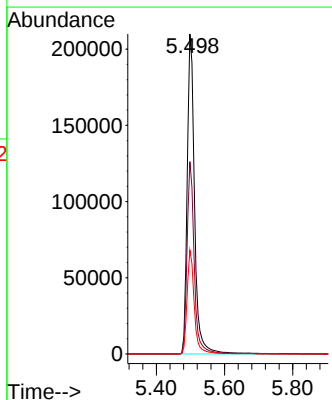
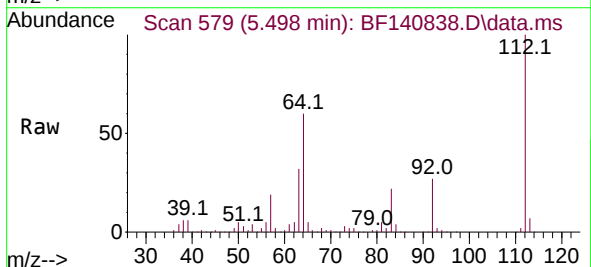


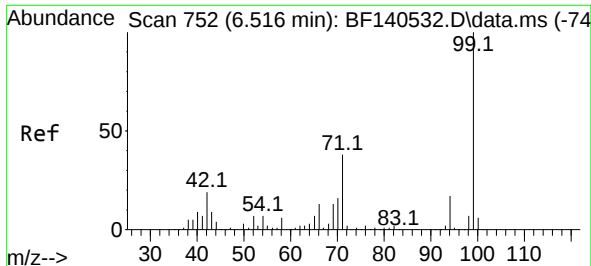
Tgt Ion:152 Resp: 60582
Ion Ratio Lower Upper
152 100
150 159.2 128.5 192.7
115 62.2 50.2 75.4



#5
2-Fluorophenol
Concen: 88.165 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140838.D
Acq: 11 Dec 2024 19:14

Tgt Ion:112 Resp: 313044
Ion Ratio Lower Upper
112 100
64 60.1 49.2 73.8
63 32.5 27.0 40.4

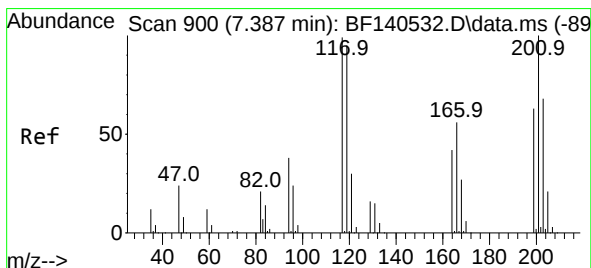
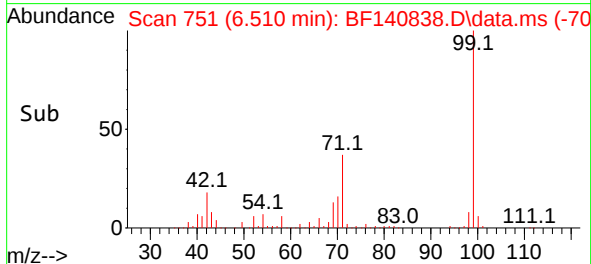
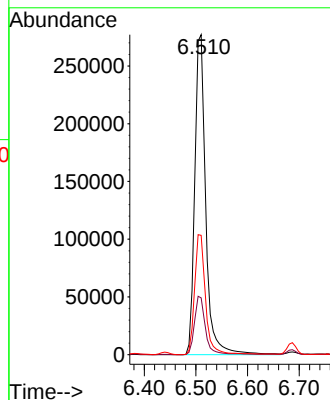
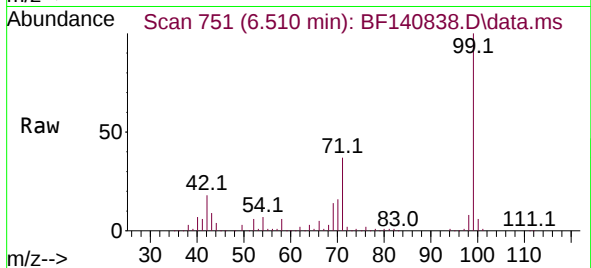




#7
Phenol-d6
Concen: 87.271 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140838.D
Acq: 11 Dec 2024 19:14

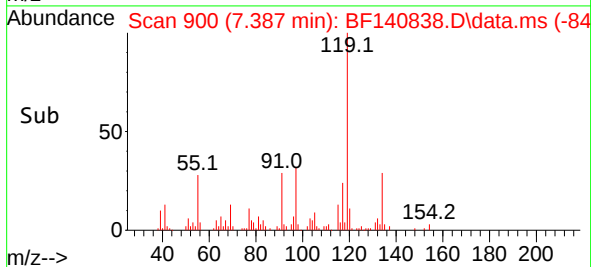
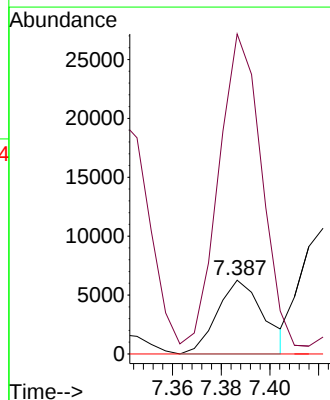
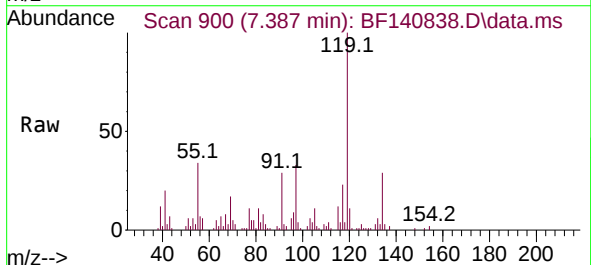
Instrument :
BNA_F
ClientSampleId :
OK-01-12062024RE

Tgt Ion: 99 Resp: 409658
Ion Ratio Lower Upper
99 100
42 17.7 15.4 23.0
71 37.3 30.6 46.0



#18
Hexachloroethane
Concen: 5.090 ng
RT: 7.387 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF140838.D
Acq: 11 Dec 2024 19:14

Tgt Ion: 117 Resp: 8263
Ion Ratio Lower Upper
117 100
119 433.9 77.1 115.7#
201 0.0 81.1 121.7#

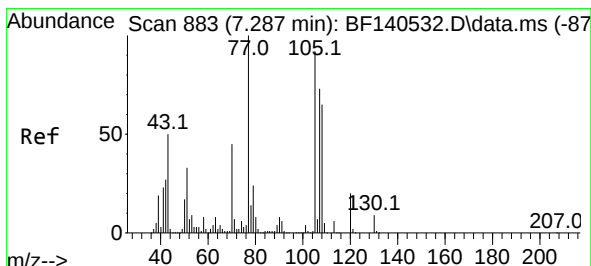
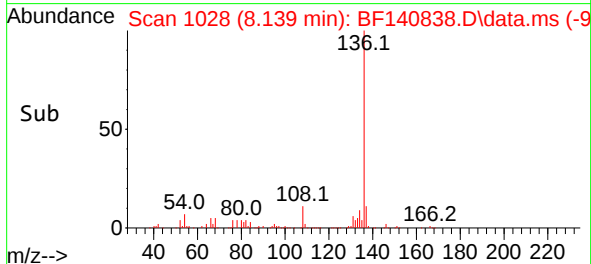
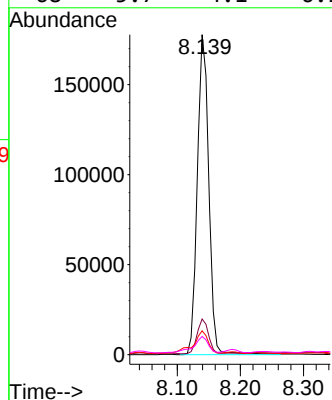
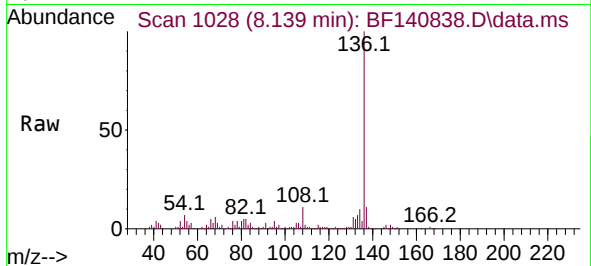




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF140838.D
Acq: 11 Dec 2024 19:14

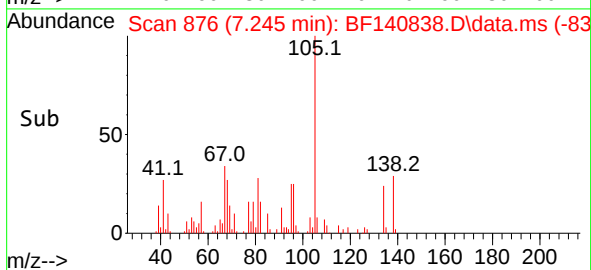
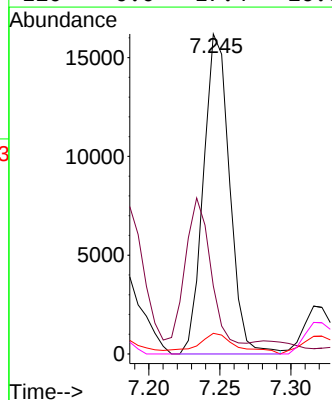
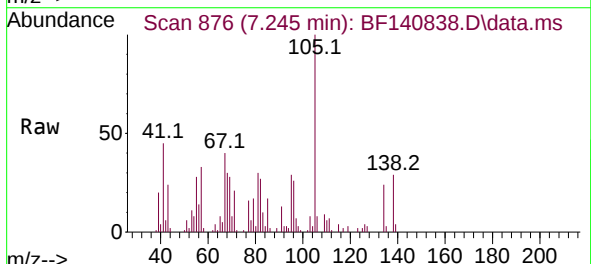
Instrument :
BNA_F
ClientSampleId :
OK-01-12062024RE

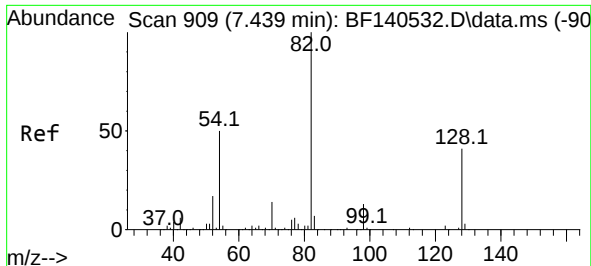
Tgt Ion:136 Resp: 224245
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.5 5.8 8.8
68 5.7 4.1 6.1



#22
Acetophenone
Concen: 3.809 ng
RT: 7.245 min Scan# 876
Delta R.T. -0.041 min
Lab File: BF140838.D
Acq: 11 Dec 2024 19:14

Tgt Ion:105 Resp: 20824
Ion Ratio Lower Upper
105 100
71 21.3 6.2 9.2#
51 6.5 29.0 43.6#
120 0.0 17.4 26.0#

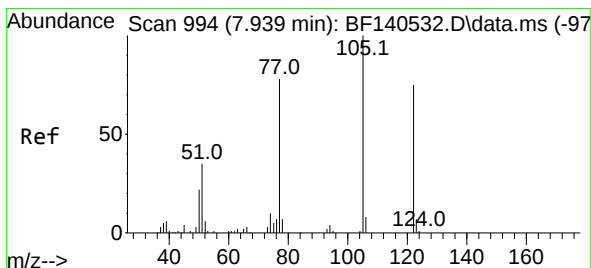
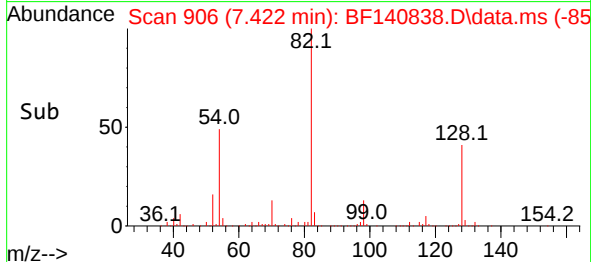
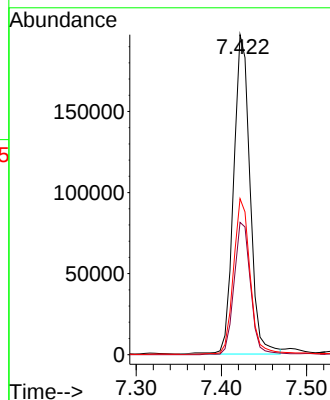
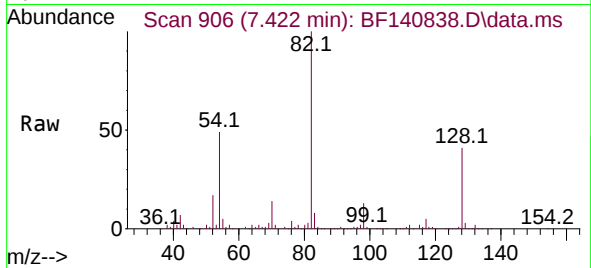




#23
Nitrobenzene-d5
Concen: 59.995 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.018 min
Lab File: BF140838.D
Acq: 11 Dec 2024 19:14

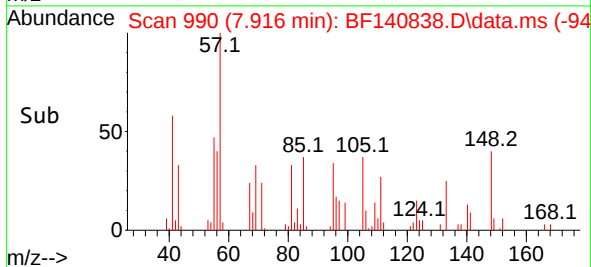
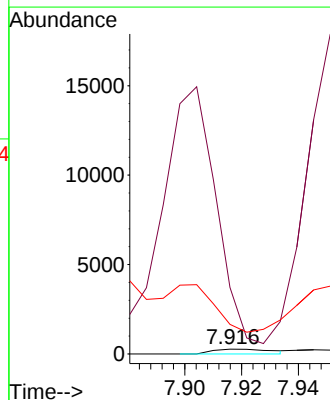
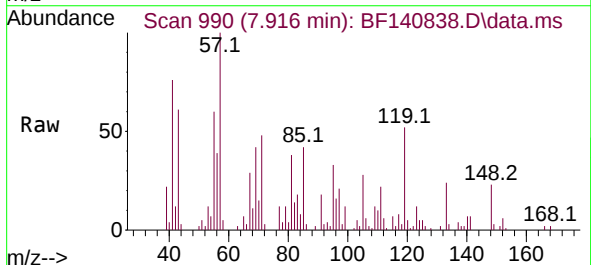
Instrument :
BNA_F
ClientSampleId :
OK-01-12062024RE

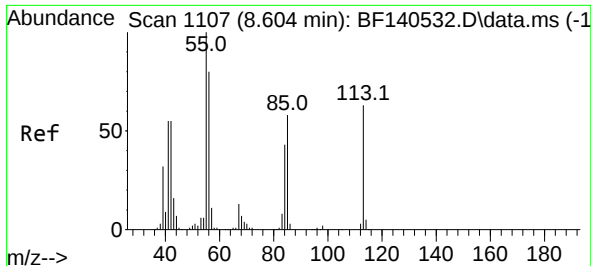
Tgt Ion: 82 Resp: 263019
Ion Ratio Lower Upper
82 100
128 41.3 33.0 49.4
54 48.8 39.5 59.3



#32
Benzoic acid
Concen: 7.350 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.023 min
Lab File: BF140838.D
Acq: 11 Dec 2024 19:14

Tgt Ion: 122 Resp: 389
Ion Ratio Lower Upper
122 100
105 1377.4 109.3 149.3#
77 613.0 82.3 122.3#

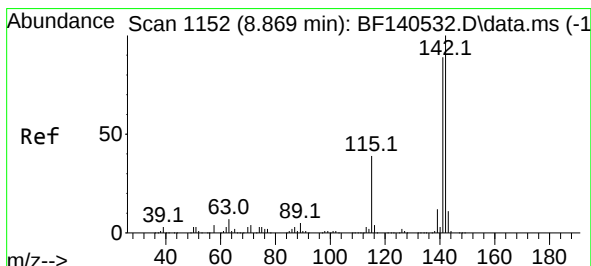
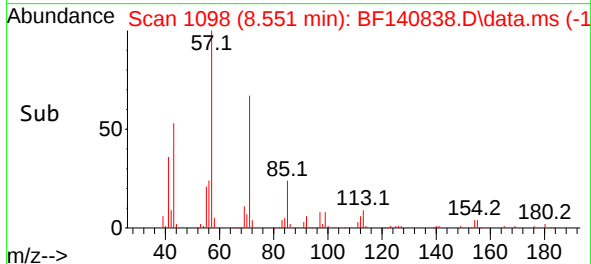
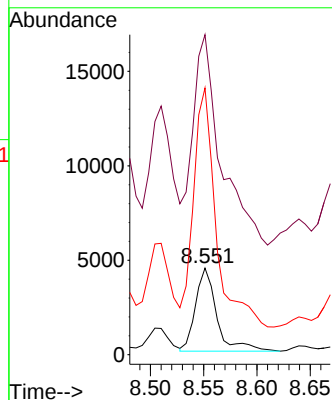
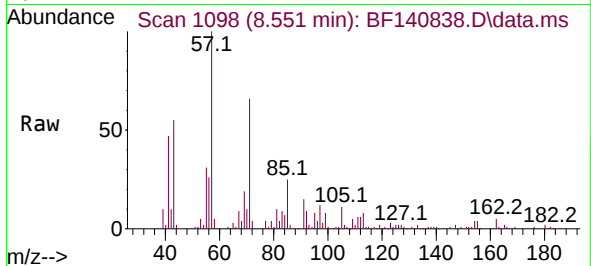




#35
 Caprolactam
 Concen: 6.225 ng
 RT: 8.551 min Scan# 1098
 Delta R.T. -0.053 min
 Lab File: BF140838.D
 Acq: 11 Dec 2024 19:14

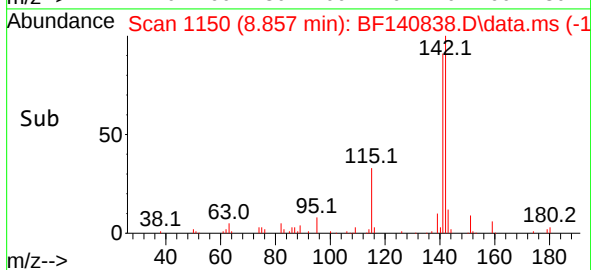
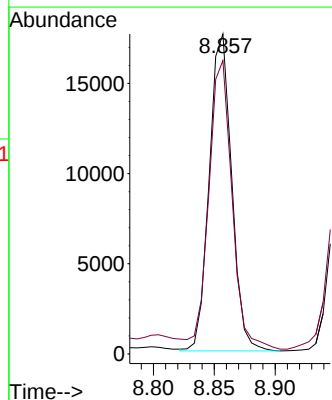
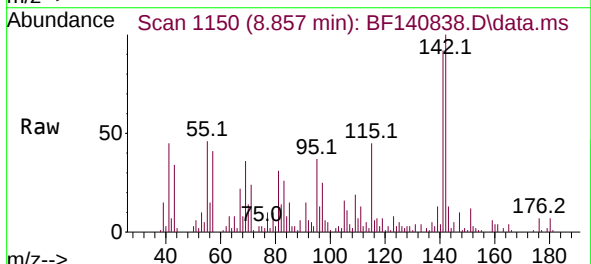
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-12062024RE

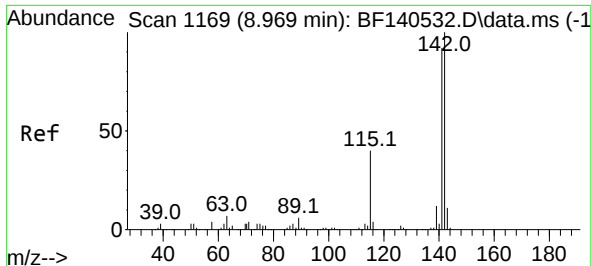
Tgt Ion:113 Resp: 6133
 Ion Ratio Lower Upper
 113 100
 55 370.0 137.7 177.7#
 56 308.4 106.4 146.4#



#37
 2-Methylnaphthalene
 Concen: 3.069 ng
 RT: 8.857 min Scan# 1150
 Delta R.T. -0.012 min
 Lab File: BF140838.D
 Acq: 11 Dec 2024 19:14

Tgt Ion:142 Resp: 22513
 Ion Ratio Lower Upper
 142 100
 141 91.7 71.0 106.6

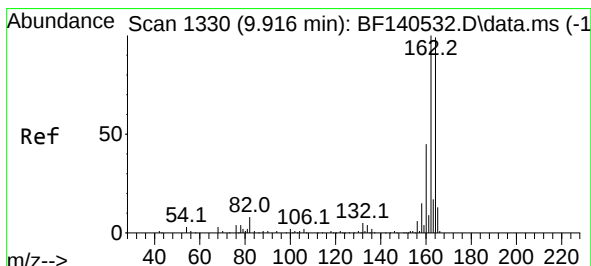
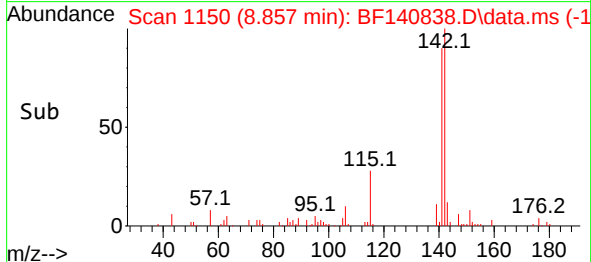
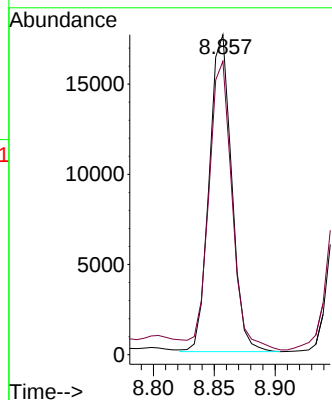
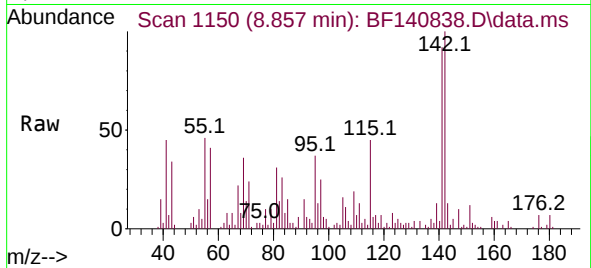




#38
1-Methylnaphthalene
Concen: 3.131 ng
RT: 8.857 min Scan# 1169
Delta R.T. -0.112 min
Lab File: BF140838.D
Acq: 11 Dec 2024 19:14

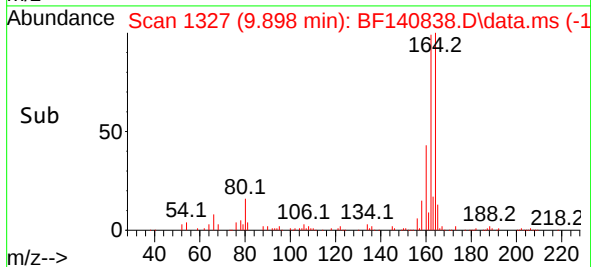
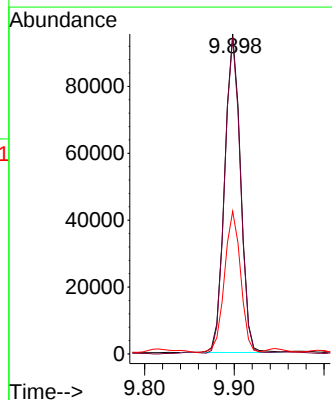
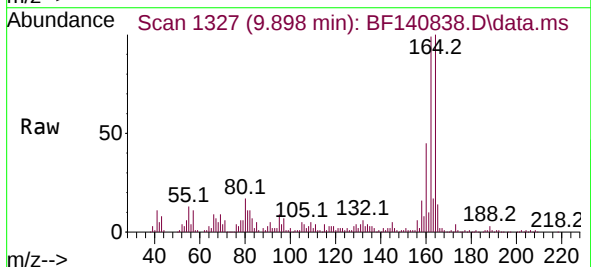
Instrument :
BNA_F
ClientSampleId :
OK-01-12062024RE

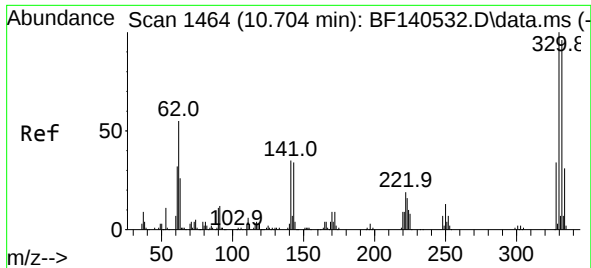
Tgt Ion:142 Resp: 22513
Ion Ratio Lower Upper
142 100
141 91.7 73.3 109.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF140838.D
Acq: 11 Dec 2024 19:14

Tgt Ion:164 Resp: 117207
Ion Ratio Lower Upper
164 100
162 98.8 80.6 120.8
160 44.6 36.2 54.4

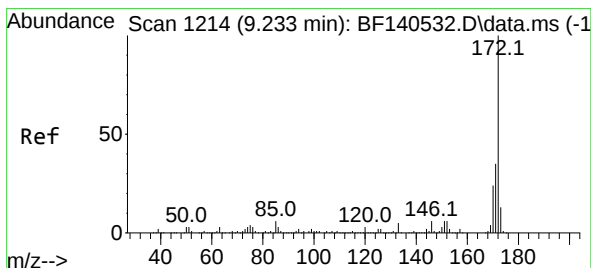
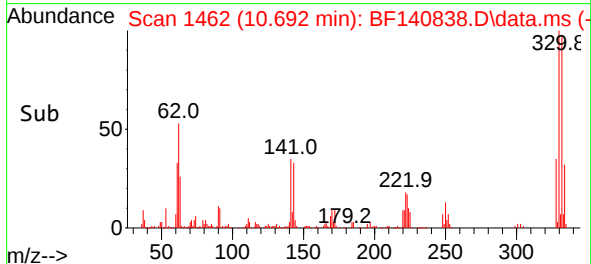
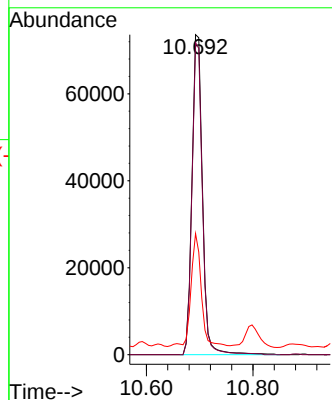
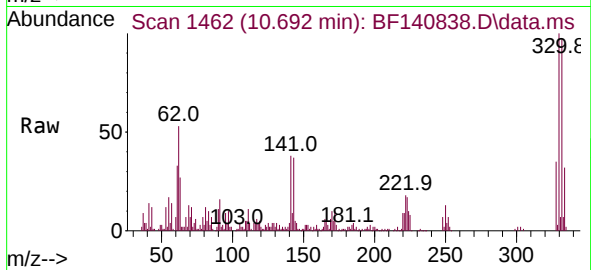




#42
2,4,6-Tribromophenol
Concen: 80.572 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 11 Dec 2024 19:14

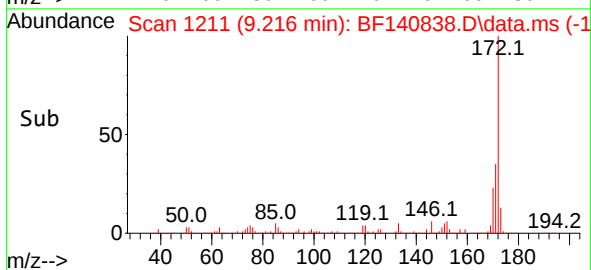
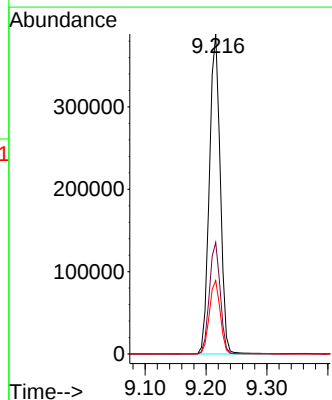
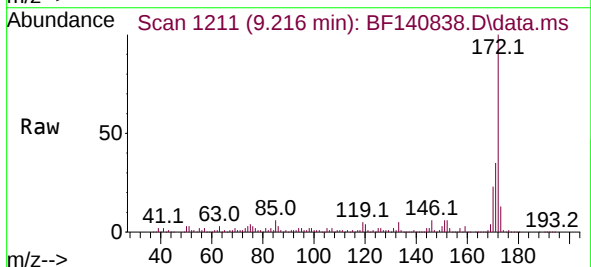
Instrument :
BNA_F
ClientSampleId :
OK-01-12062024RE

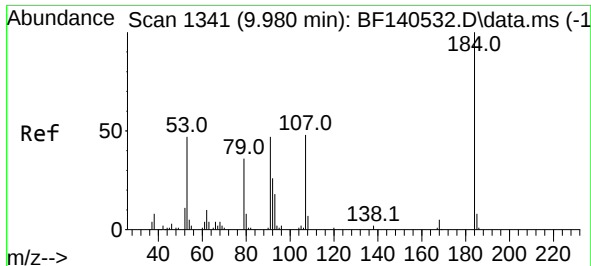
Tgt Ion:330 Resp: 101000
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 34.5 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 61.398 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.018 min
Lab File: BF140838.D
Acq: 11 Dec 2024 19:14

Tgt Ion:172 Resp: 482988
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.0 19.0 28.6

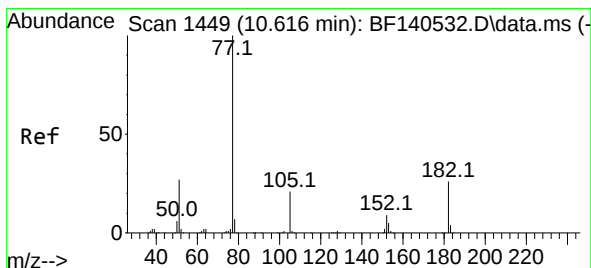
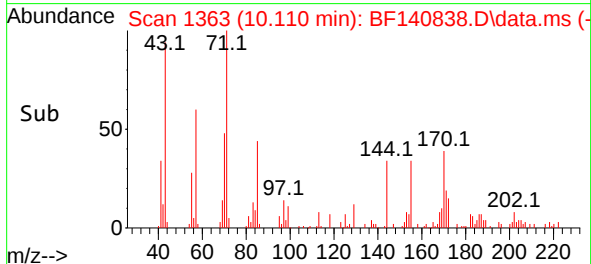
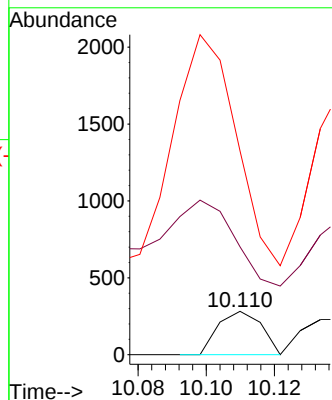
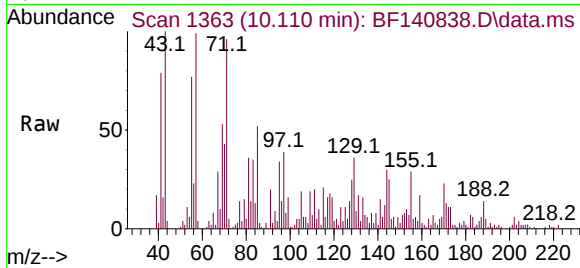




#54
2,4-Dinitrophenol
Concen: 8.071 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.130 min
Lab File: BF140838.D
Acq: 11 Dec 2024 19:14

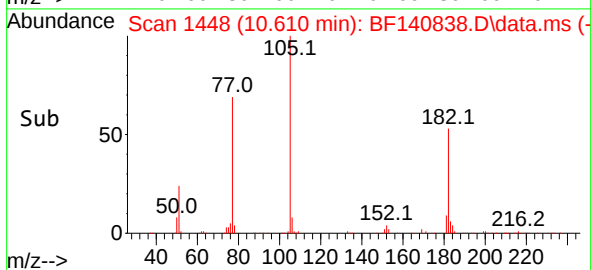
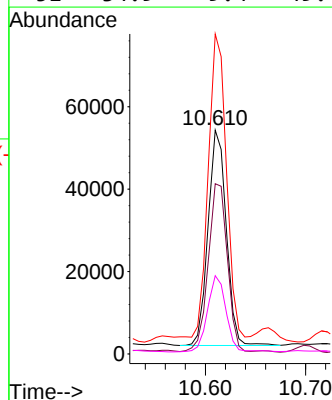
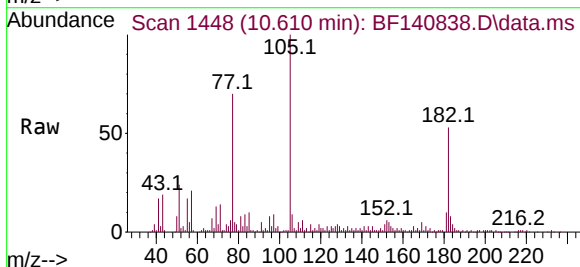
Instrument :
BNA_F
ClientSampleId :
OK-01-12062024RE

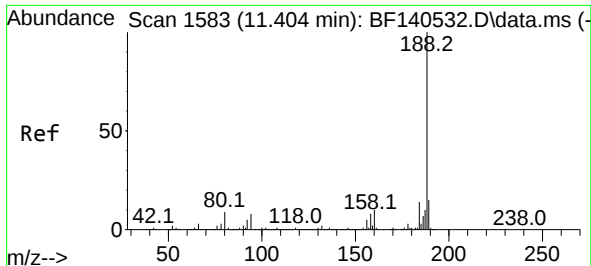
Tgt Ion:184 Resp: 249
Ion Ratio Lower Upper
184 100
63 248.9 54.1 81.1#
154 469.9 57.4 86.0#



#63
Azobenzene
Concen: 8.911 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF140838.D
Acq: 11 Dec 2024 19:14

Tgt Ion: 77 Resp: 66186
Ion Ratio Lower Upper
77 100
182 76.0 5.3 45.3#
105 142.9 0.3 40.3#
51 34.9 9.4 49.4

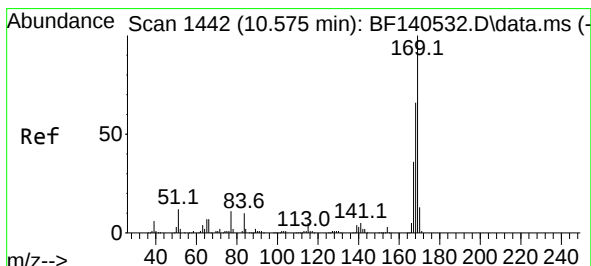
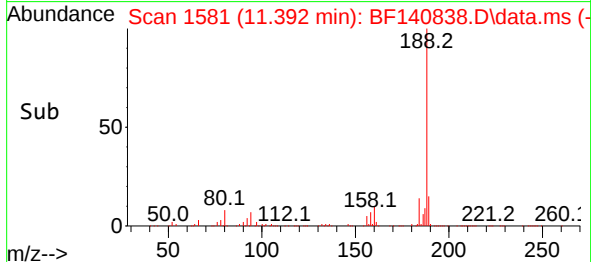
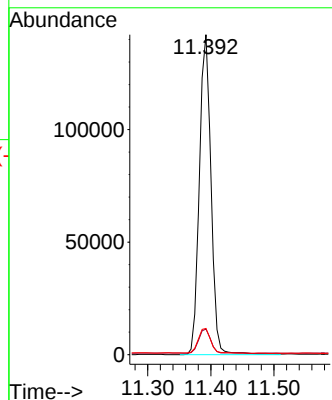
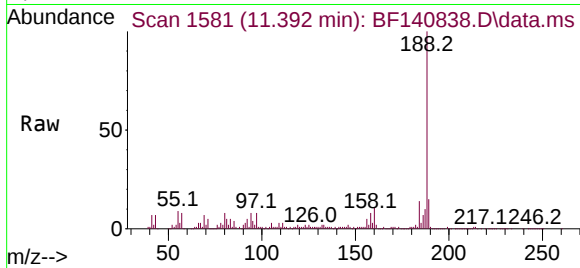




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 11 Dec 2024 19:14

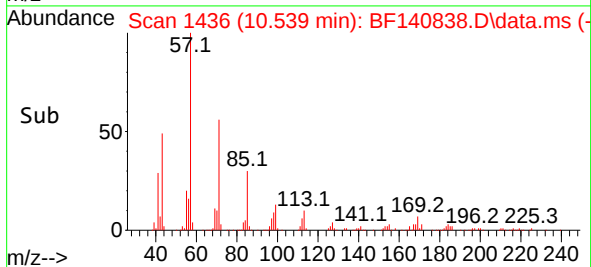
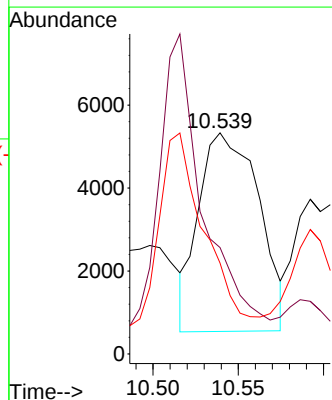
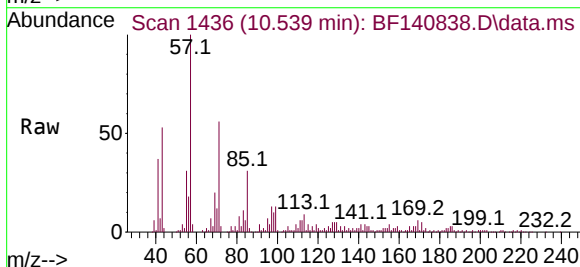
Instrument :
BNA_F
ClientSampleId :
OK-01-12062024RE

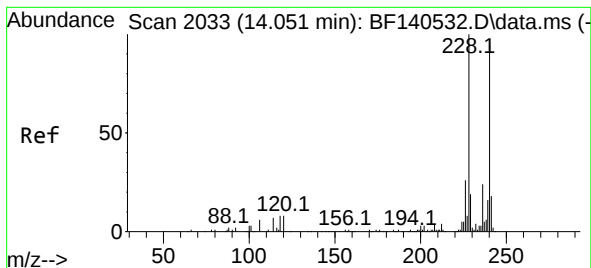
Tgt Ion:188 Resp: 182111
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.2 6.9 10.3



#66
n-Nitrosodiphenylamine
Concen: 2.179 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.035 min
Lab File: BF140838.D
Acq: 11 Dec 2024 19:14

Tgt Ion:169 Resp: 11735
Ion Ratio Lower Upper
169 100
168 48.1 53.2 79.8#
167 41.1 29.0 43.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140838.D

Acq: 11 Dec 2024 19:14

Instrument :

BNA_F

ClientSampleId :

OK-01-12062024RE

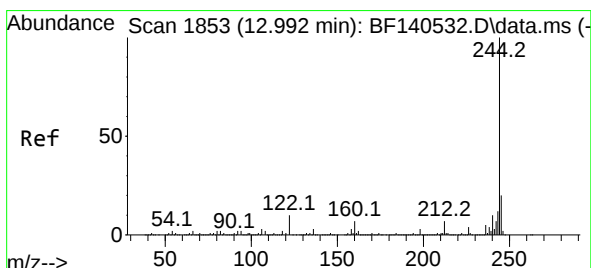
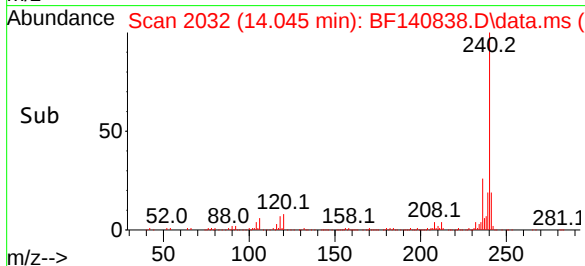
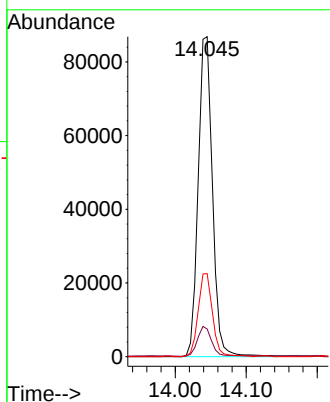
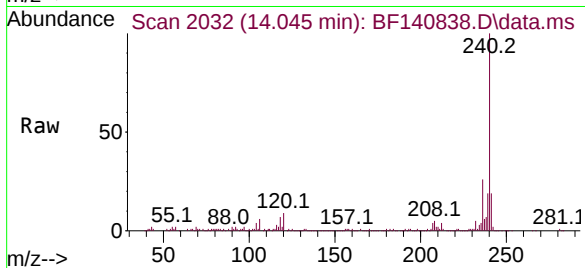
Tgt Ion:240 Resp: 121660

Ion Ratio Lower Upper

240 100

120 8.6 7.3 10.9

236 25.9 20.6 31.0



#79

Terphenyl-d14

Concen: 48.122 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.018 min

Lab File: BF140838.D

Acq: 11 Dec 2024 19:14

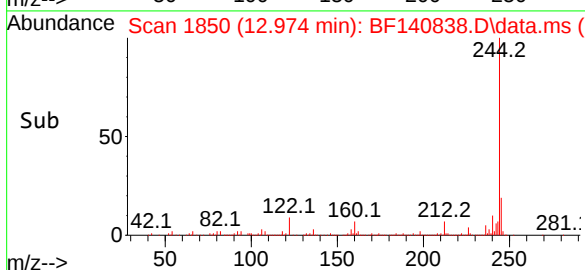
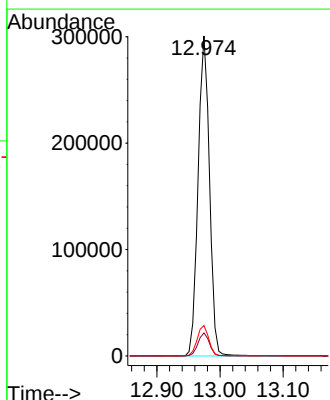
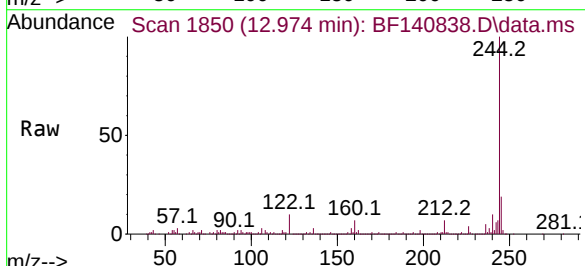
Tgt Ion:244 Resp: 375981

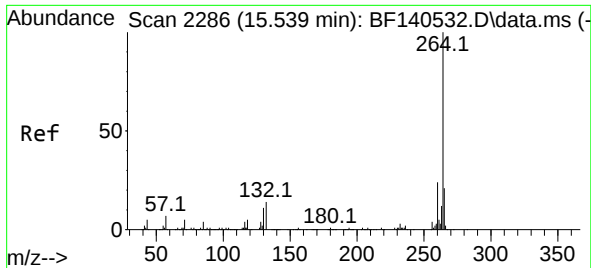
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

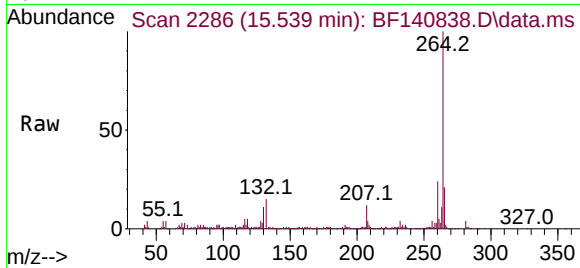
122 9.5 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF140838.D
 Acq: 11 Dec 2024 19:14

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-12062024RE



Tgt Ion:	264	Resp:	93867
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.0	28.6
265	21.4	16.6	25.0

