

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
 Data File : BF140836.D
 Acq On : 11 Dec 2024 18:21
 Operator : RC/JU
 Sample : P5244-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-121024

Quant Time: Dec 12 00:05:35 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)

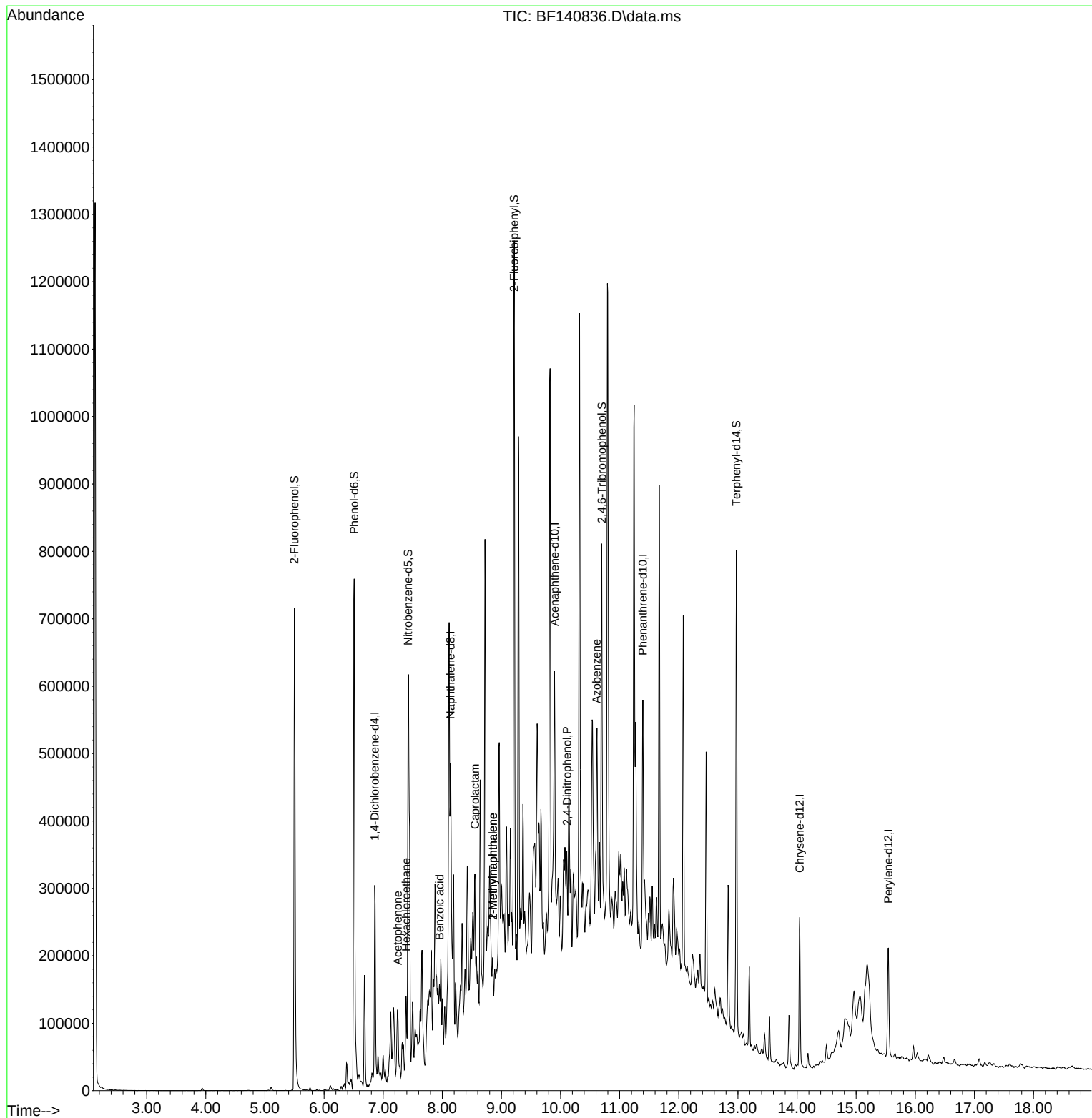
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	56319	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	204603	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	109001	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	182191	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	108993	20.000	ng	0.00
86) Perylene-d12	15.545	264	98317	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	296463	89.815	ng	0.00
7) Phenol-d6	6.510	99	385444	88.328	ng	0.00
23) Nitrobenzene-d5	7.422	82	239638	59.909	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	102763	88.150	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	462003	63.152	ng	-0.02
79) Terphenyl-d14	12.974	244	338773	48.399	ng	-0.02
Target Compounds						
					Qvalue	
18) Hexachloroethane	7.387	117	7968	5.280	ng	# 1
22) Acetophenone	7.245	105	19306	3.870	ng	# 53
32) Benzoic acid	7.951	122	541	7.433	ng	# 1
35) Caprolactam	8.551	113	4900	5.451	ng	# 1
37) 2-Methylnaphthalene	8.857	142	22483	3.359	ng	98
38) 1-Methylnaphthalene	8.857	142	22483	3.427	ng	99
54) 2,4-Dinitrophenol	10.110	184	134	7.966	ng	# 1
63) Azobenzene	10.610	77	62941	9.112	ng	# 1

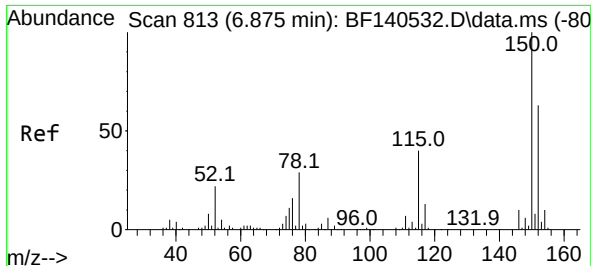
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 18 Sample Multiplier: 1

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Quant Time: Dec 12 00:05:35 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

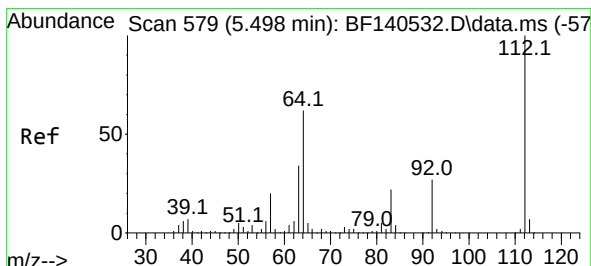
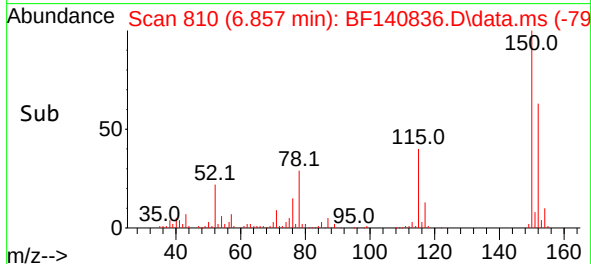
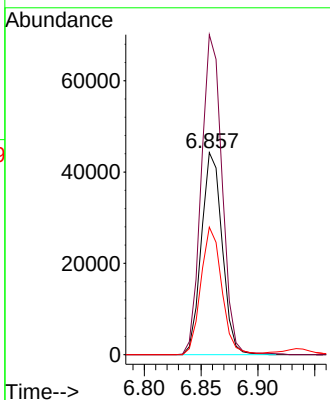
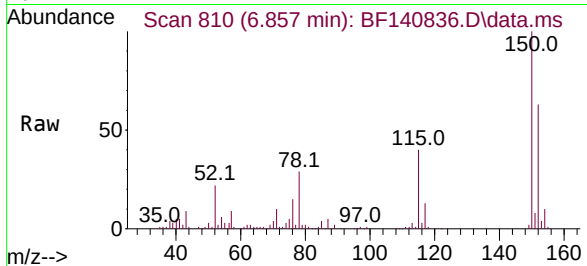




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.018 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

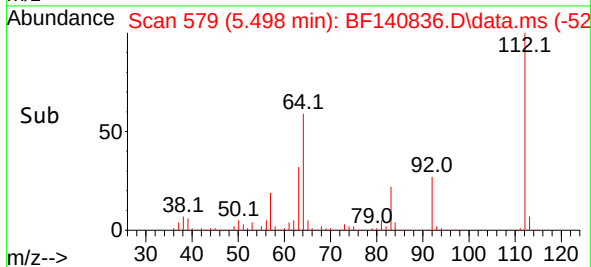
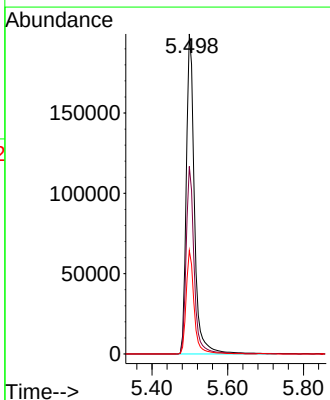
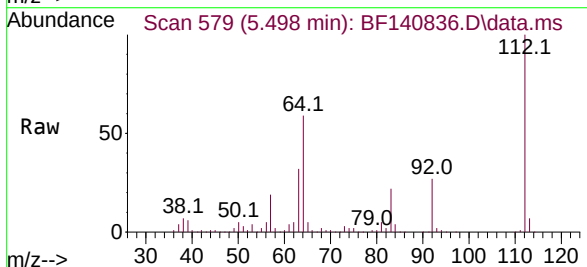
Instrument :
BNA_F
ClientSampleId :
NB-08-121024

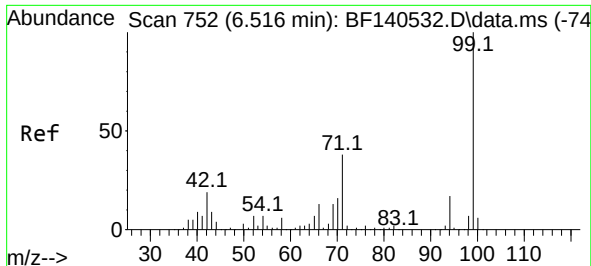
Tgt Ion:152 Resp: 56319
Ion Ratio Lower Upper
152 100
150 158.4 128.5 192.7
115 63.1 50.2 75.4



#5
2-Fluorophenol
Concen: 89.815 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

Tgt Ion:112 Resp: 296463
Ion Ratio Lower Upper
112 100
64 58.6 49.2 73.8
63 32.3 27.0 40.4

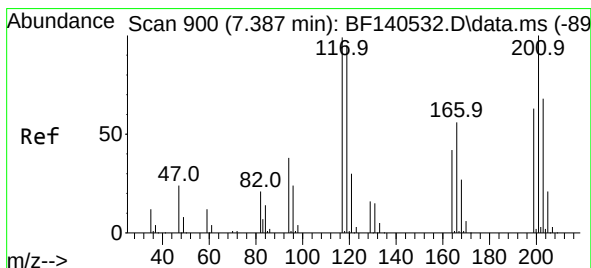
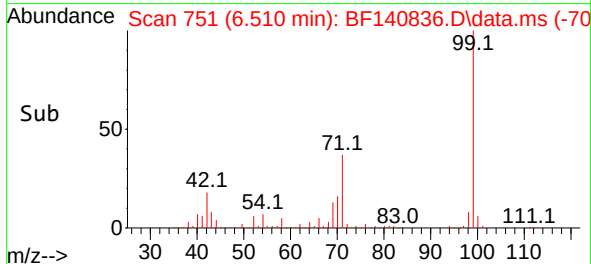
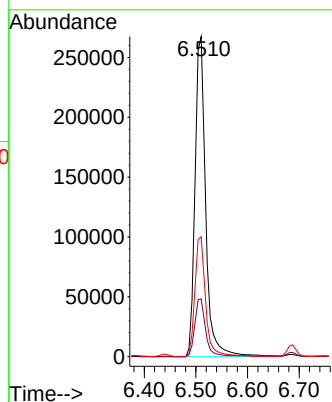
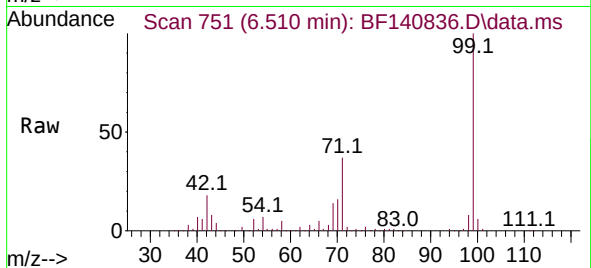




#7
Phenol-d6
Concen: 88.328 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

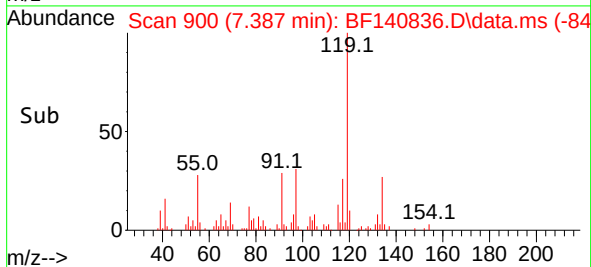
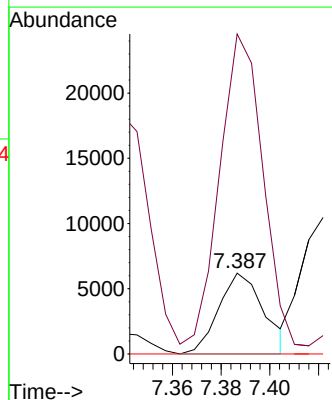
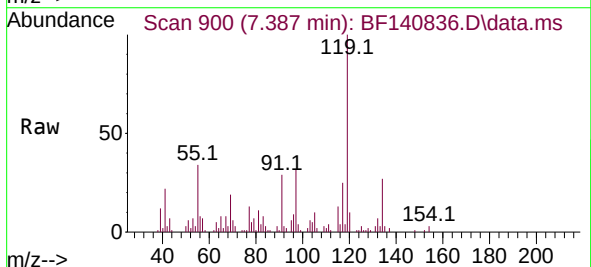
Instrument :
BNA_F
ClientSampleId :
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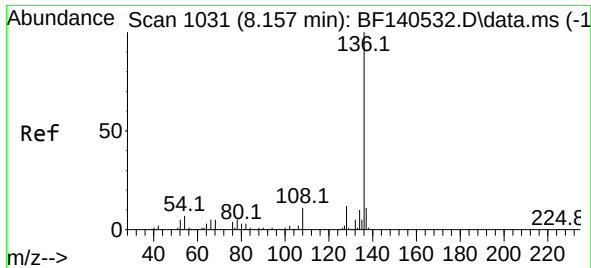
Tgt Ion: 99 Resp: 385444
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 37.4 30.6 46.0



#18
Hexachloroethane
Concen: 5.280 ng
RT: 7.387 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

Tgt Ion: 117 Resp: 7968
Ion Ratio Lower Upper
117 100
119 395.7 77.1 115.7#
201 0.0 81.1 121.7#

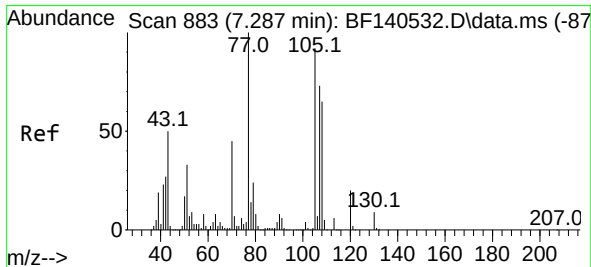
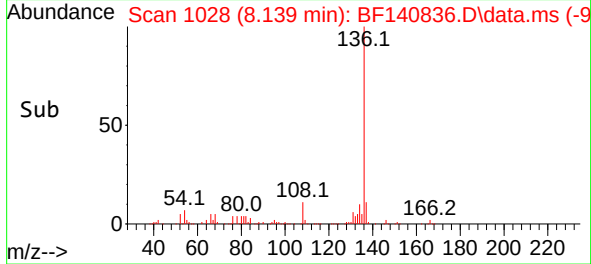
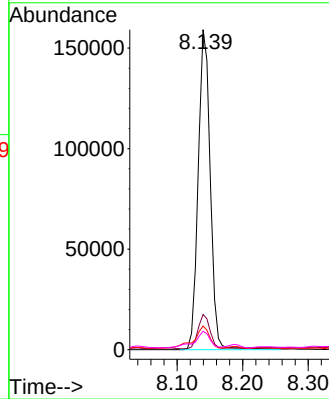
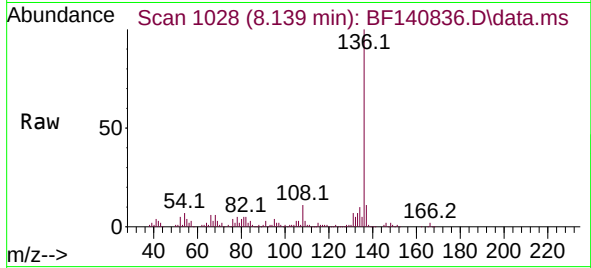




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

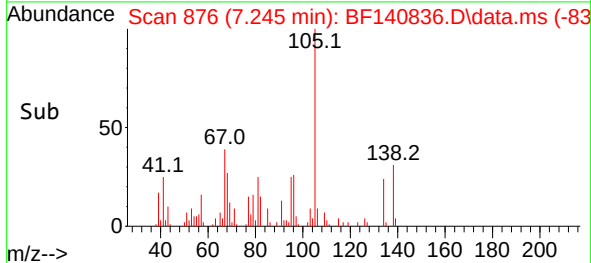
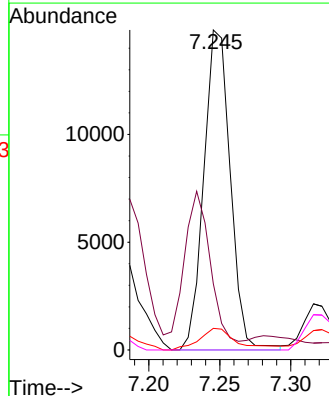
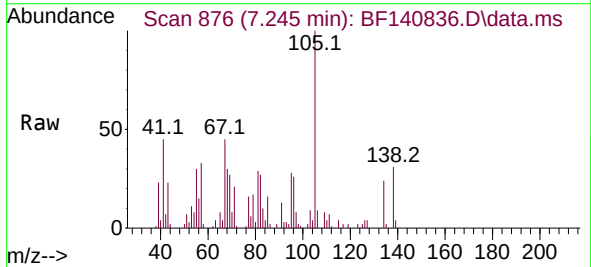
Instrument :
BNA_F
ClientSampleId :
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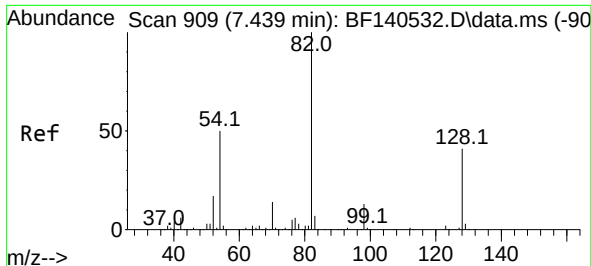
Tgt Ion:	136	Resp:	204603
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.4	5.8	8.8
68	5.8	4.1	6.1



#22
Acetophenone
Concen: 3.870 ng
RT: 7.245 min Scan# 876
Delta R.T. -0.041 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

Tgt Ion:	105	Resp:	19306
Ion	Ratio	Lower	Upper
105	100		
71	20.7	6.2	9.2#
51	6.8	29.0	43.6#
120	0.0	17.4	26.0#

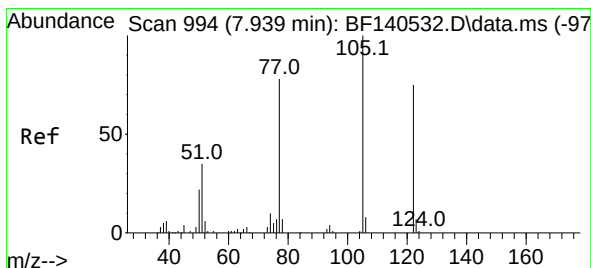
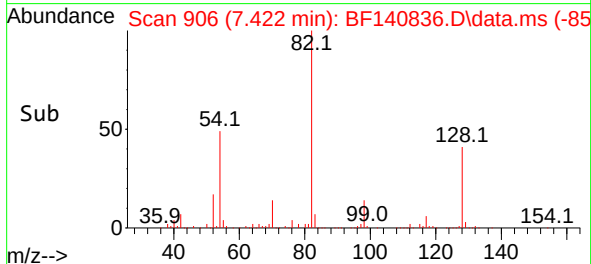
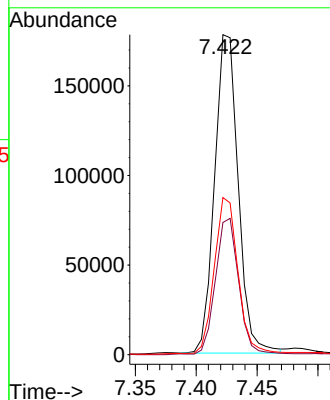
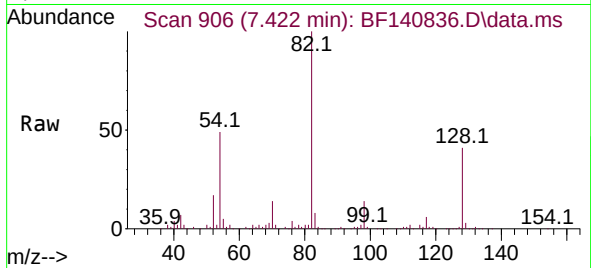




#23
Nitrobenzene-d5
Concen: 59.909 ng
RT: 7.422 min Scan# 909
Delta R.T. -0.018 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

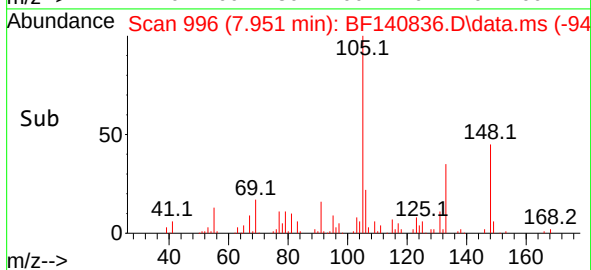
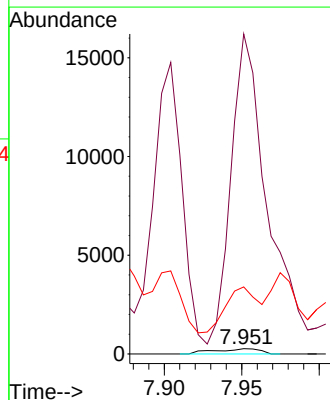
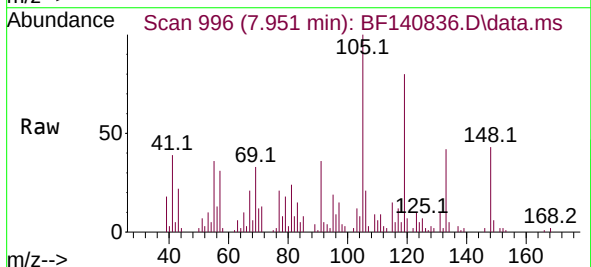
Instrument :
BNA_F
ClientSampleId :
NB-08-121024

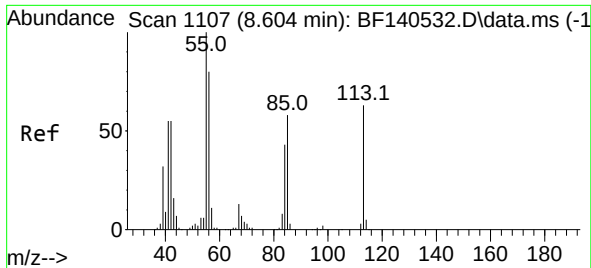
Tgt Ion: 82 Resp: 239638
Ion Ratio Lower Upper
82 100
128 41.3 33.0 49.4
54 49.1 39.5 59.3



#32
Benzoic acid
Concen: 7.433 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

Tgt Ion:122 Resp: 541
Ion Ratio Lower Upper
122 100
105 6139.0 109.3 149.3#
77 1286.7 82.3 122.3#

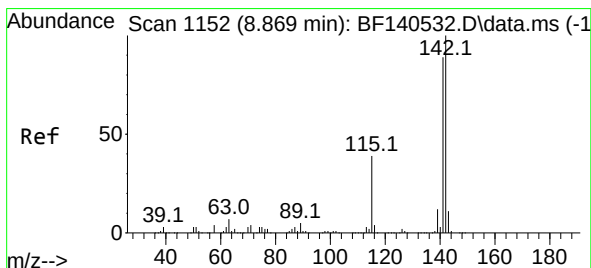
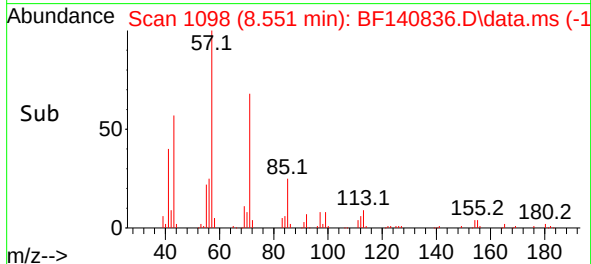
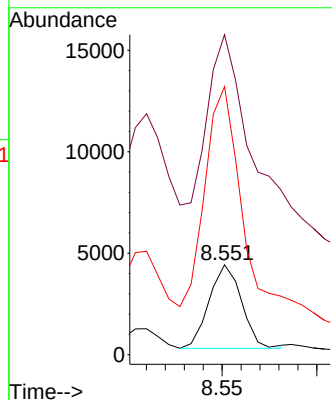
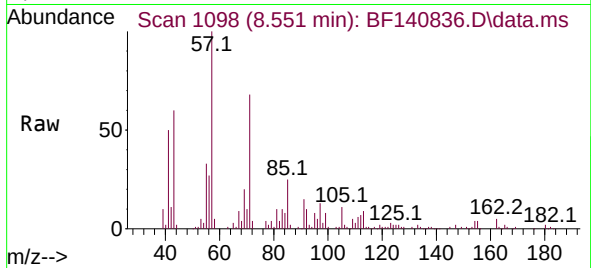




#35
Caprolactam
Concen: 5.451 ng
RT: 8.551 min Scan# 1098
Delta R.T. -0.053 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

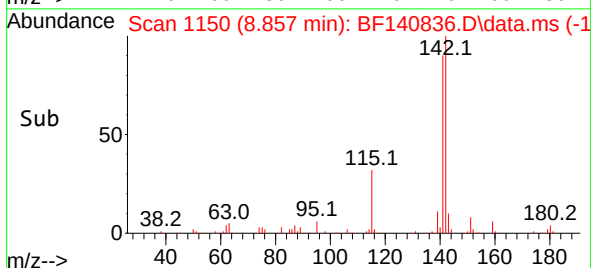
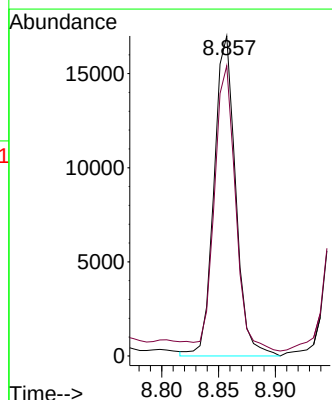
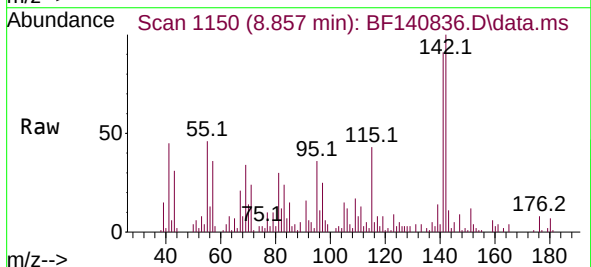
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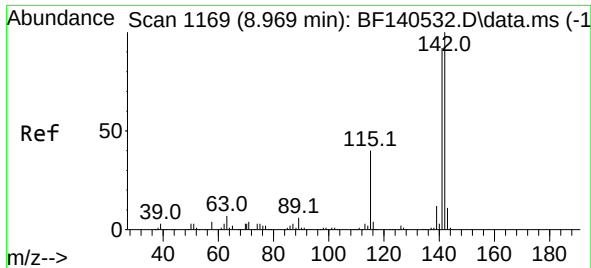
Tgt Ion:113 Resp: 4900
Ion Ratio Lower Upper
113 100
55 355.7 137.7 177.7#
56 297.9 106.4 146.4#



#37
2-Methylnaphthalene
Concen: 3.359 ng
RT: 8.857 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

Tgt Ion:142 Resp: 22483
Ion Ratio Lower Upper
142 100
141 90.7 71.0 106.6

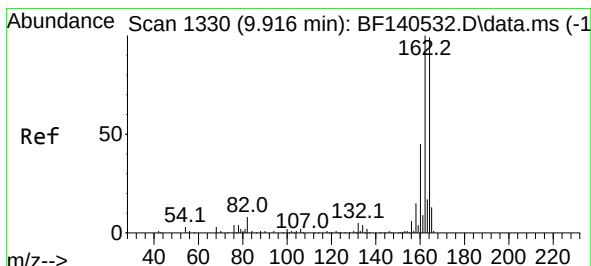
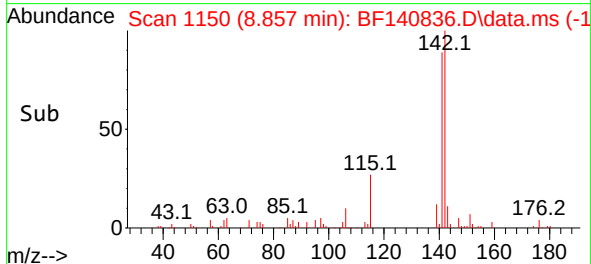
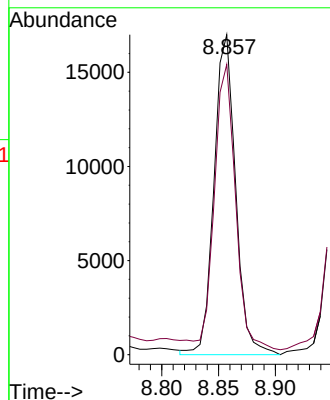
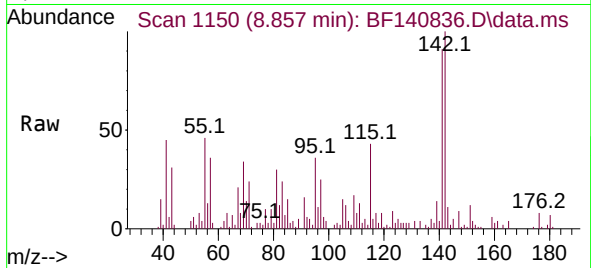




#38
1-Methylnaphthalene
Concen: 3.427 ng
RT: 8.857 min Scan# 1169
Delta R.T. -0.112 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

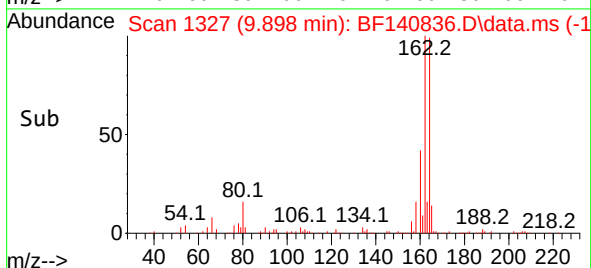
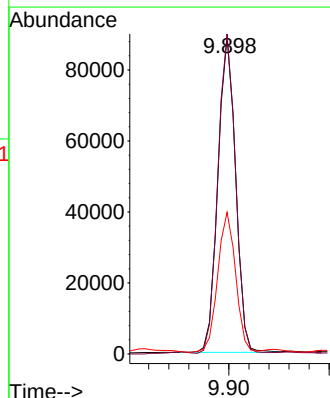
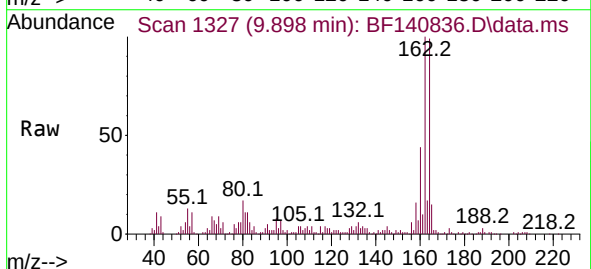
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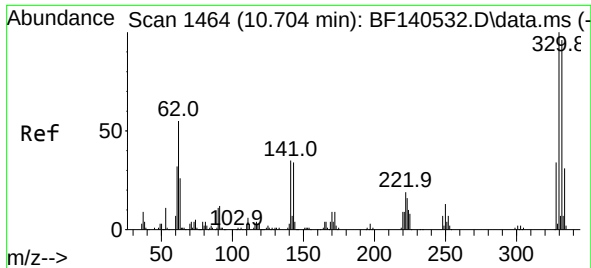
Tgt Ion:142 Resp: 22483
Ion Ratio Lower Upper
142 100
141 90.7 73.3 109.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

Tgt Ion:164 Resp: 109001
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 44.7 36.2 54.4

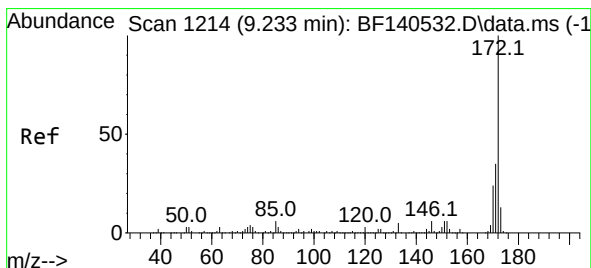
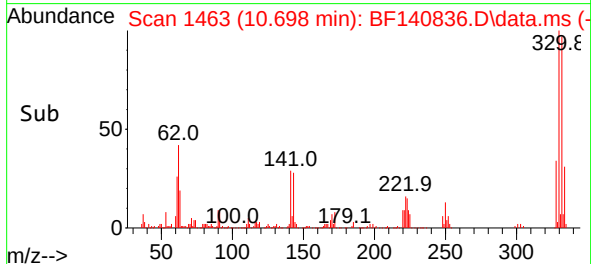
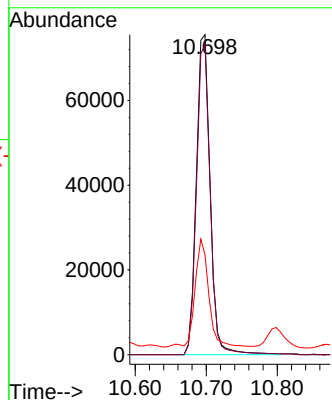
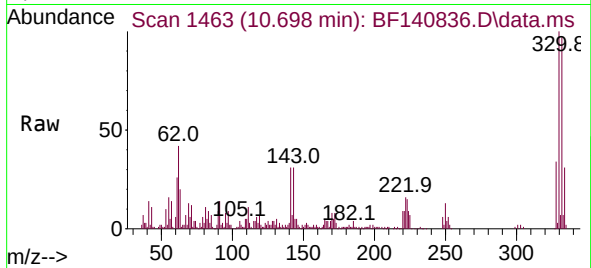




#42
2,4,6-Tribromophenol
Concen: 88.150 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

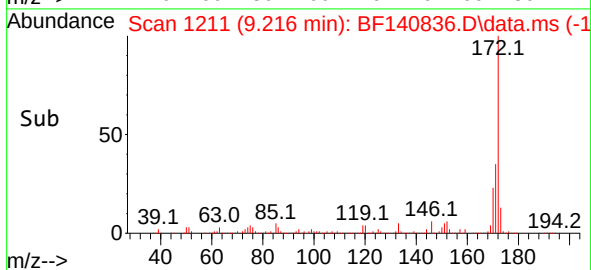
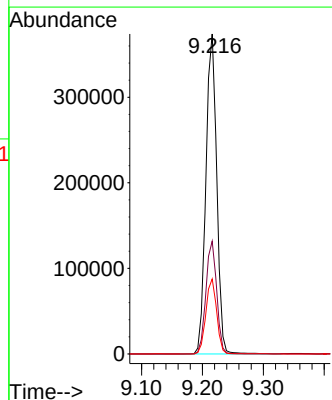
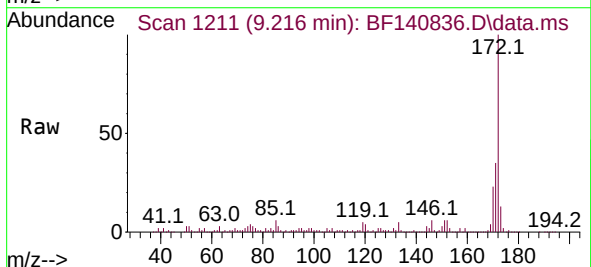
Instrument :
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NB-08-121024

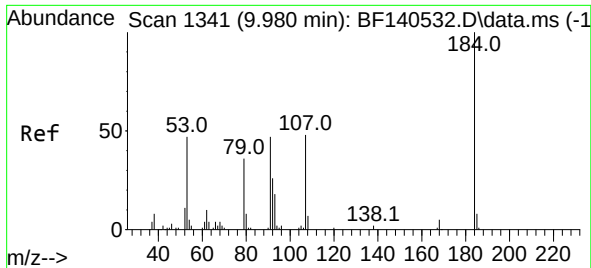
Tgt Ion:330 Resp: 102763
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 33.5 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 63.152 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.018 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

Tgt Ion:172 Resp: 462003
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.4 19.0 28.6

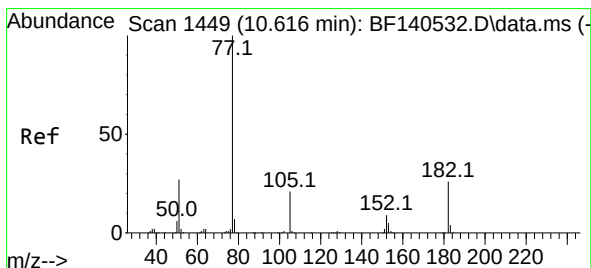
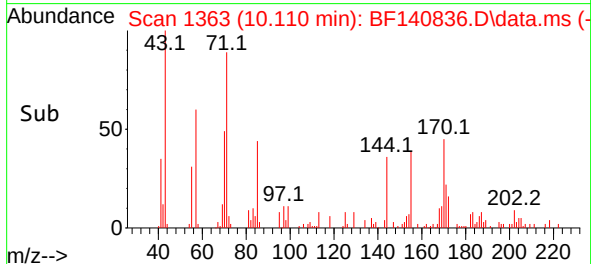
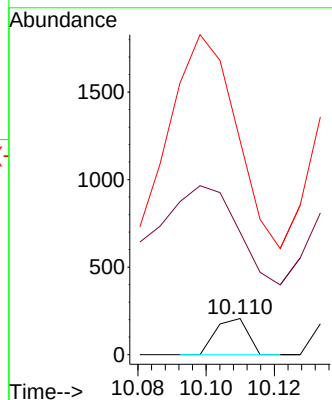
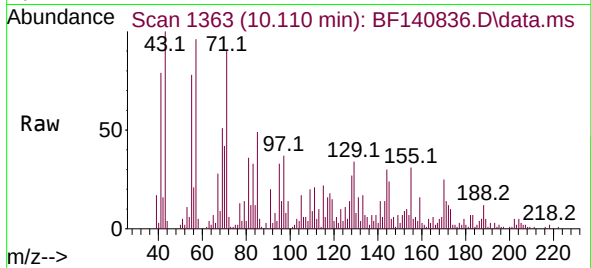




#54
2,4-Dinitrophenol
Concen: 7.966 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.130 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

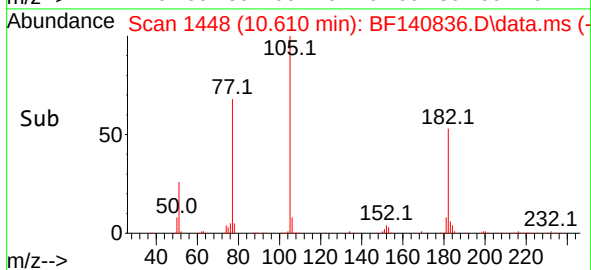
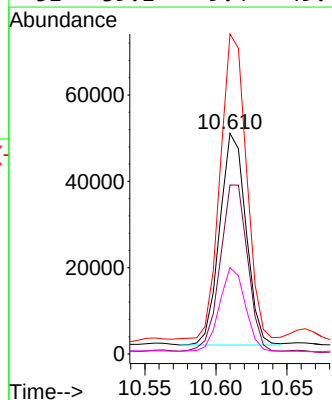
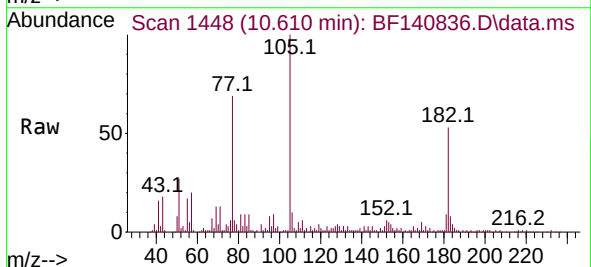
Instrument :
BNA_F
ClientSampleId :
NB-08-121024

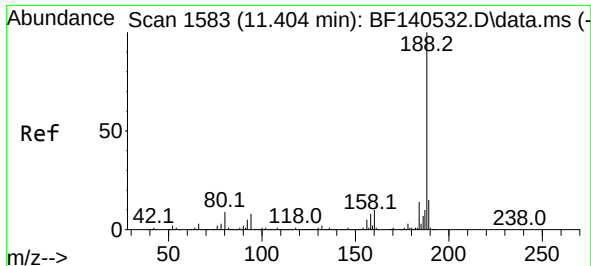
Tgt Ion:184 Resp: 134
Ion Ratio Lower Upper
184 100
63 339.8 54.1 81.1#
154 594.2 57.4 86.0#



#63
Azobenzene
Concen: 9.112 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

Tgt Ion: 77 Resp: 62941
Ion Ratio Lower Upper
77 100
182 76.6 5.3 45.3#
105 145.1 0.3 40.3#
51 39.1 9.4 49.4

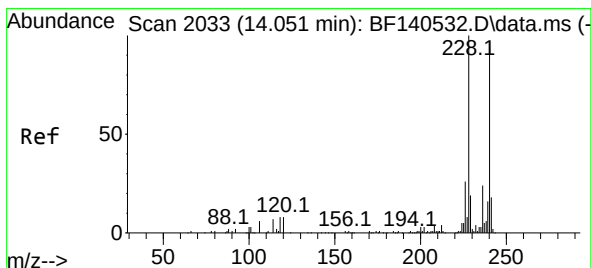
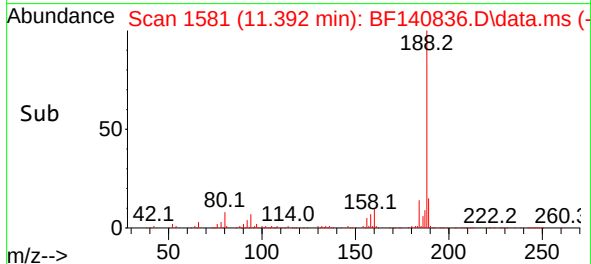
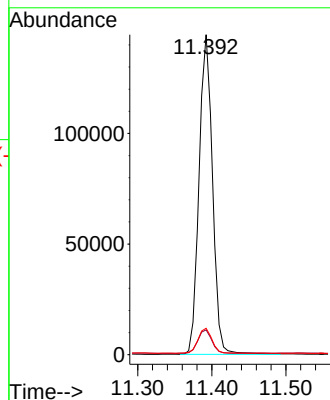
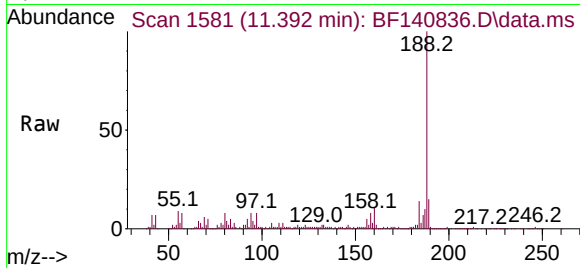




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

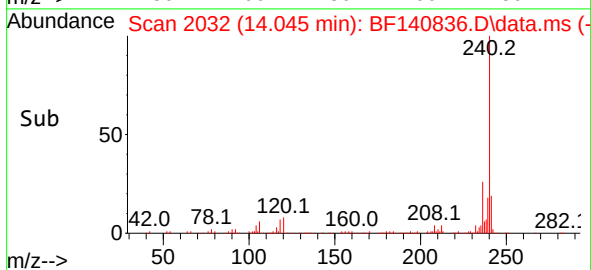
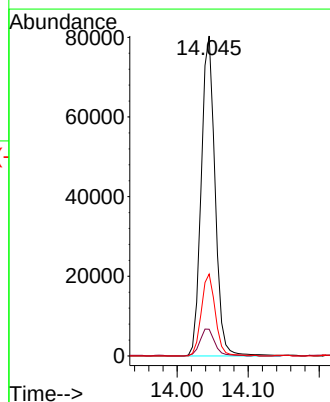
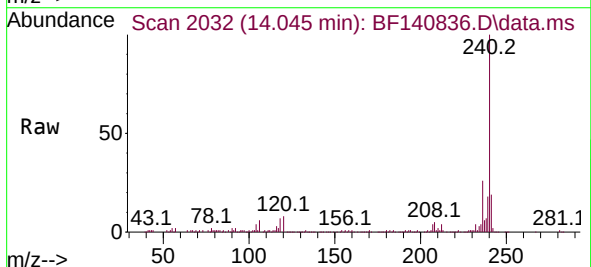
Instrument :
BNA_F
ClientSampleId :
NB-08-121024

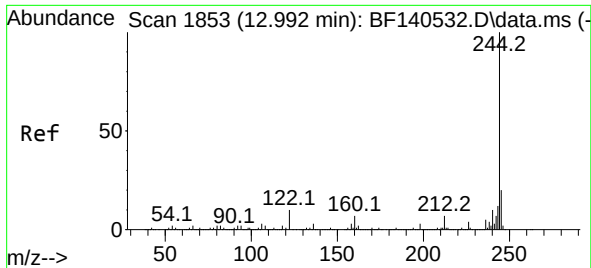
Tgt Ion:188 Resp: 182191
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 8.3 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

Tgt Ion:240 Resp: 108993
Ion Ratio Lower Upper
240 100
120 8.4 7.3 10.9
236 25.6 20.6 31.0

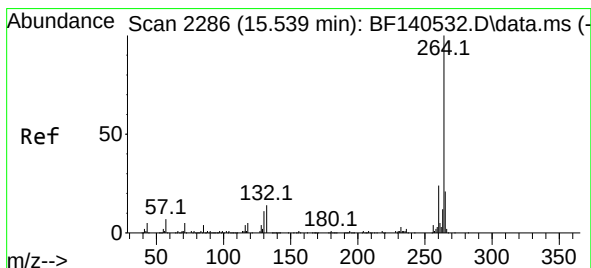
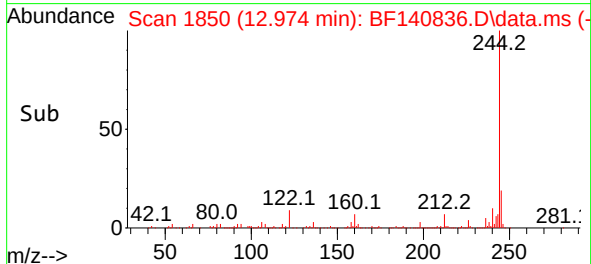
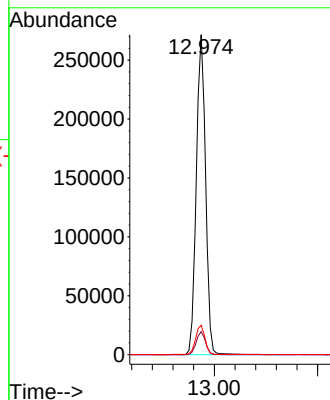
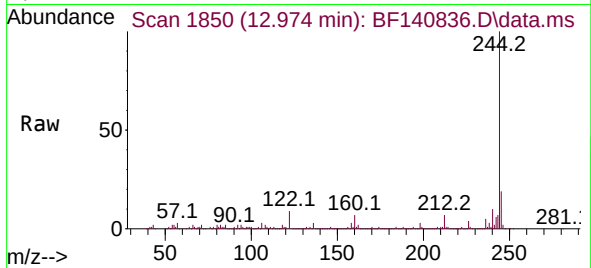




#79
 Terphenyl-d14
 Concen: 48.399 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.018 min
 Lab File: BF140836.D
 Acq: 11 Dec 2024 18:21

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-121024

Tgt Ion:244 Resp: 338773
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 9.2 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: BF140836.D
 Acq: 11 Dec 2024 18:21

Tgt Ion:264 Resp: 98317
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.5 16.6 25.0

