

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
 Data File : BF141203.D
 Acq On : 17 Jan 2025 19:52
 Operator : RC/JU
 Sample : Q1119-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILTER CAKE

Quant Time: Jan 17 23:11:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

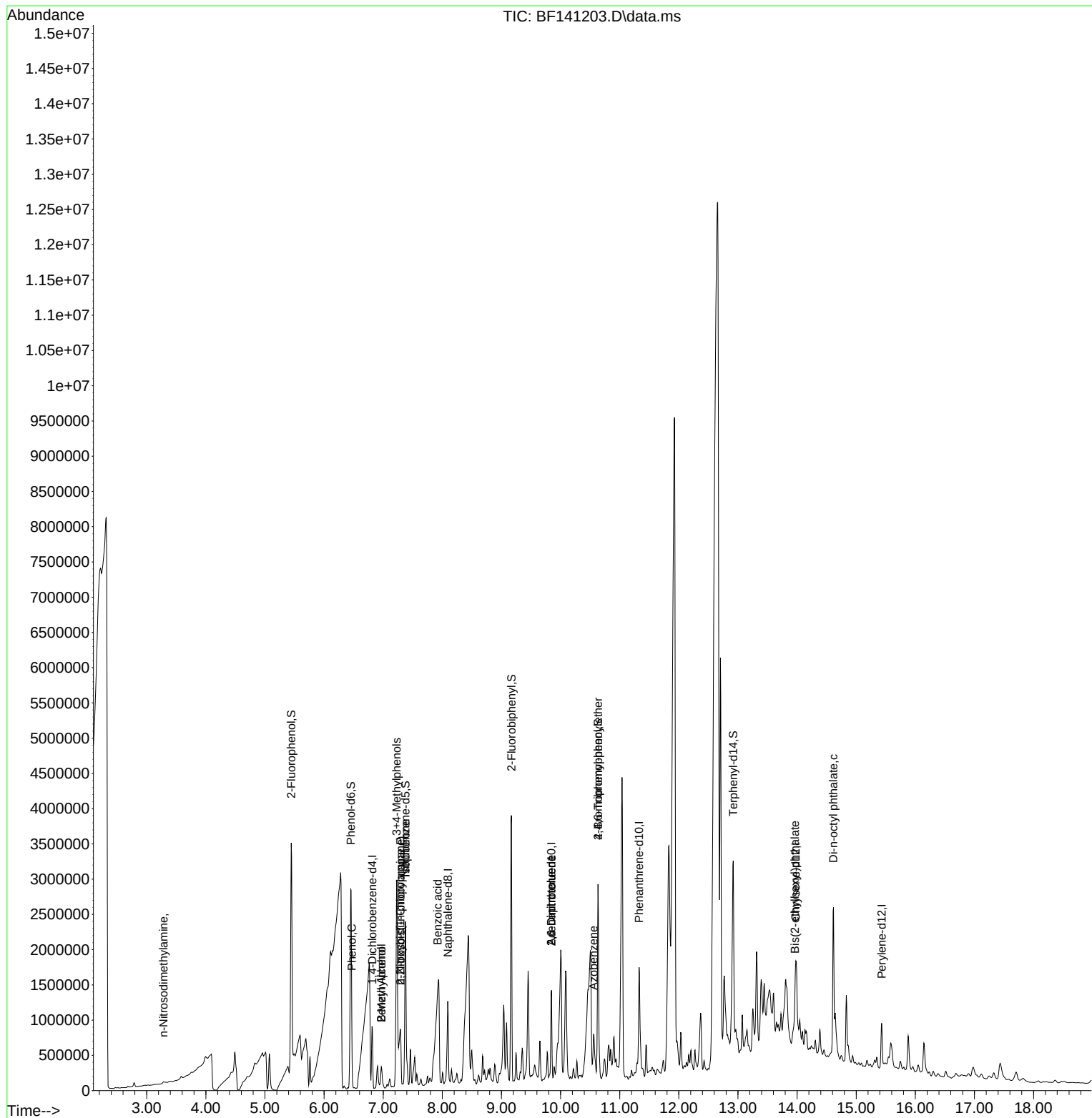
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	182887	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	728487	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	369683	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	525547	20.000	ng	-0.02
76) Chrysene-d12	13.974	240	373282	20.000	ng	-0.01
86) Perylene-d12	15.433	264	384366	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1321203	111.599	ng	0.02
7) Phenol-d6	6.451	99	1653746	110.276	ng	0.00
23) Nitrobenzene-d5	7.375	82	1060960	77.201	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	514318	122.099	ng	-0.02
45) 2-Fluorobiphenyl	9.169	172	1724144	71.219	ng	-0.01
79) Terphenyl-d14	12.921	244	1086251	43.251	ng	-0.01
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.287	42	17324	2.741	ng	# 1
10) Phenol	6.469	94	87515	5.452	ng	81
15) Benzyl Alcohol	6.969	79	107010	9.881	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.292	45	112901	6.763	ng	80
17) 2-Methylphenol	6.969	107	59201	5.773	ng	# 10
19) n-Nitroso-di-n-propyla...	7.292	70	82528	9.342	ng	# 32
20) 3+4-Methylphenols	7.228	107	1183326	91.467	ng	# 70
25) Isophorone	7.375	82	1059941	45.131	ng	# 66
32) Benzoic acid	7.922	122	139314	16.525	ng	97
51) 2,6-Dinitrotoluene	9.845	165	51165	8.865	ng	# 29
57) 2,4-Dinitrotoluene	9.845	165	51173	6.880	ng	# 26
63) Azobenzene	10.557	77	128681	5.382	ng	# 1
67) 4-Bromophenyl-phenylether	10.633	248	31533	5.212	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.963	149	49546	3.474	ng	# 93
85) Di-n-octyl phthalate	14.615	149	243042	11.284	ng	# 16

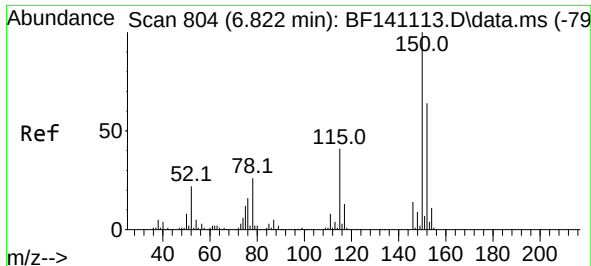
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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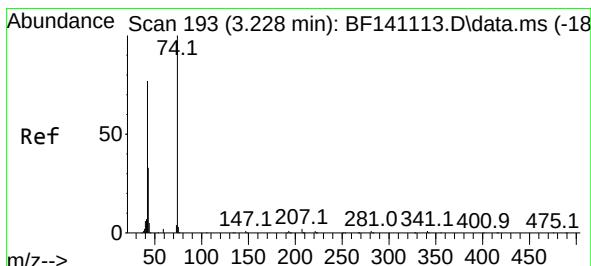
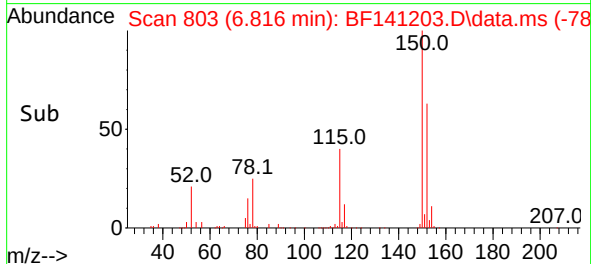
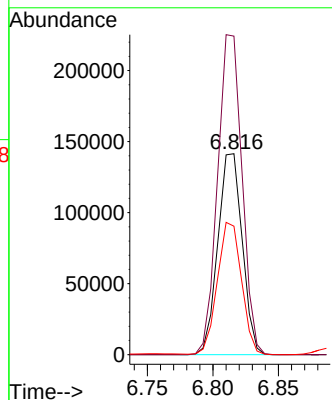
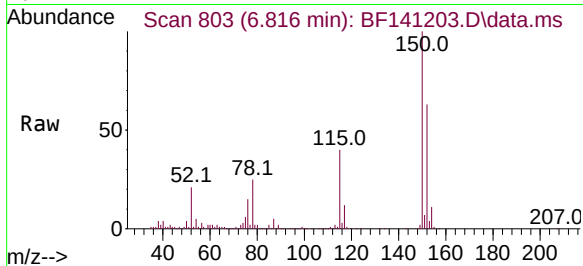




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

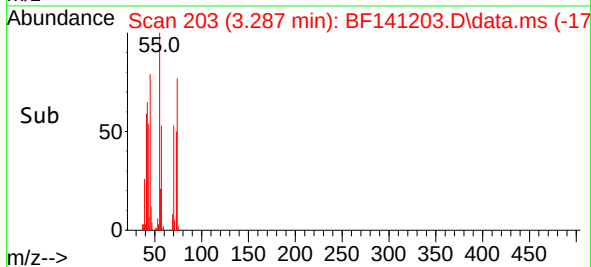
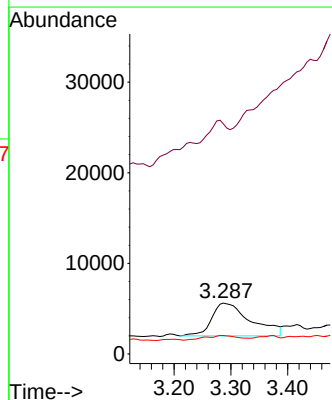
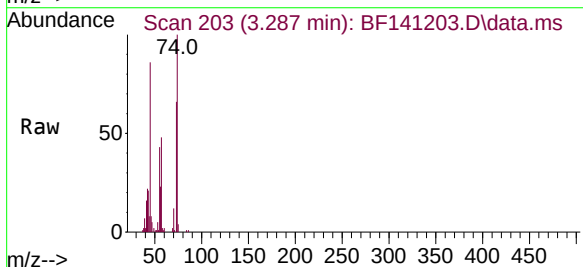
Instrument :
BNA_F
ClientSampleId :
FILTER CAKE

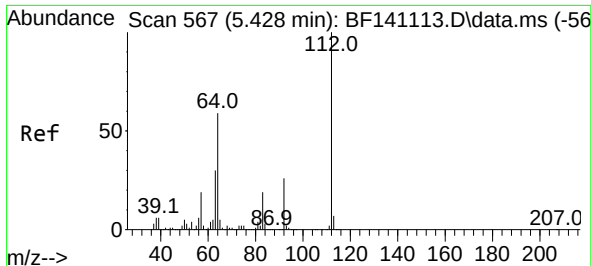
Tgt Ion:152 Resp: 182887
Ion Ratio Lower Upper
152 100
150 158.6 125.8 188.8
115 64.0 51.4 77.2



#4
n-Nitrosodimethylamine
Concen: 2.741 ng
RT: 3.287 min Scan# 203
Delta R.T. 0.059 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Tgt Ion: 42 Resp: 17324
Ion Ratio Lower Upper
42 100
74 451.9 103.8 155.6#
44 36.2 5.3 7.9#

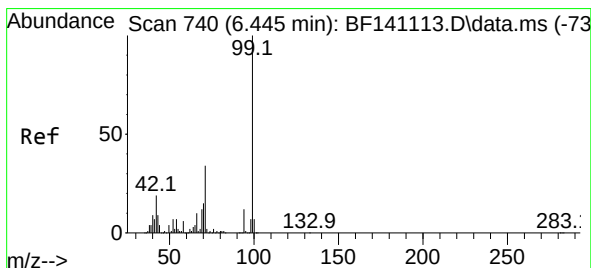
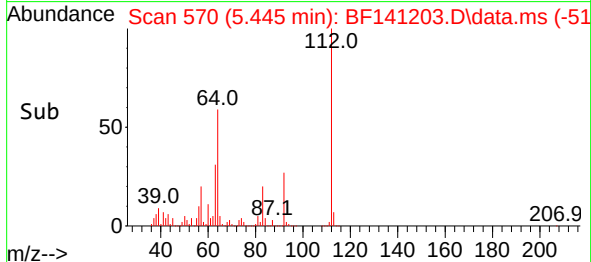
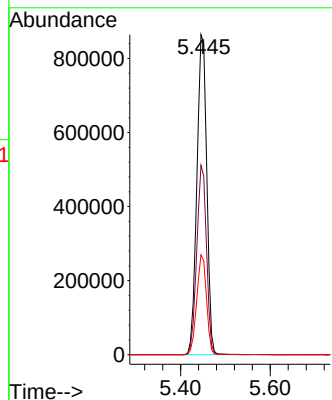
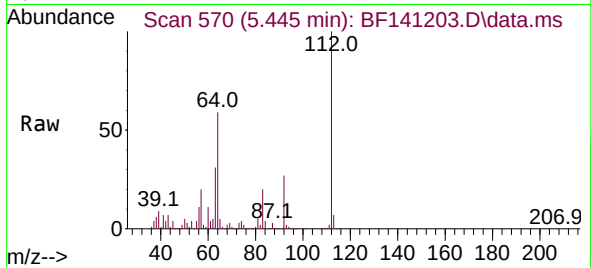




#5
2-Fluorophenol
Concen: 111.599 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

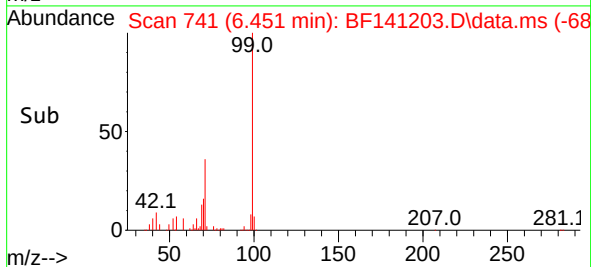
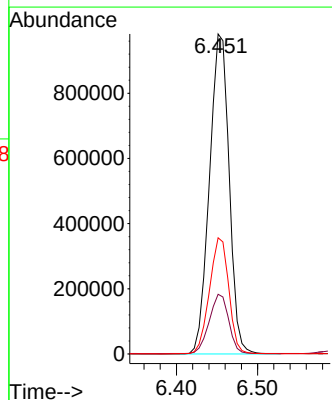
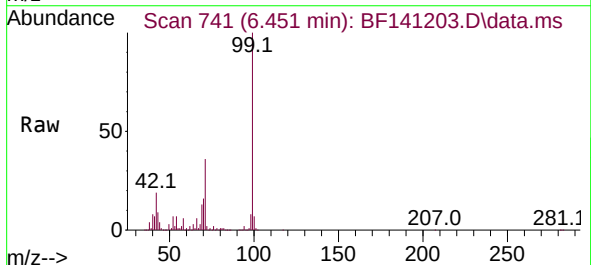
Instrument :
BNA_F
ClientSampleId :
FILTER CAKE

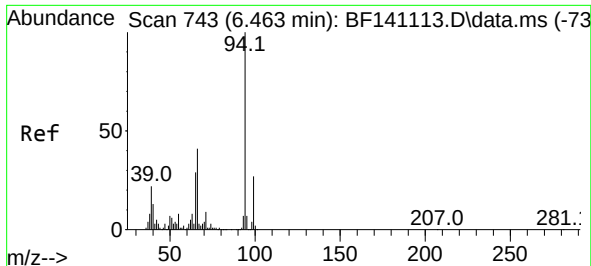
Tgt Ion:112 Resp: 1321203
Ion Ratio Lower Upper
112 100
64 59.2 47.3 70.9
63 31.2 24.2 36.2



#7
Phenol-d6
Concen: 110.276 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Tgt Ion: 99 Resp: 1653746
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 36.3 27.6 41.4

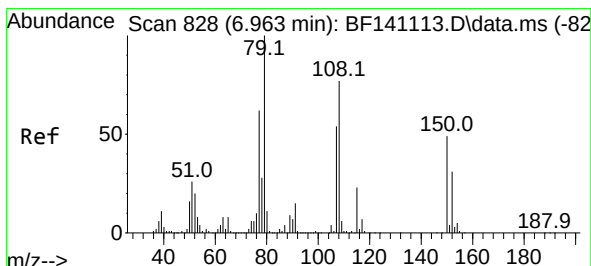
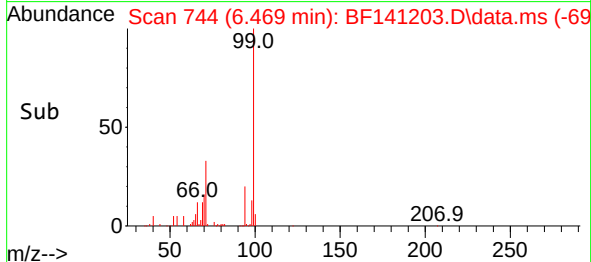
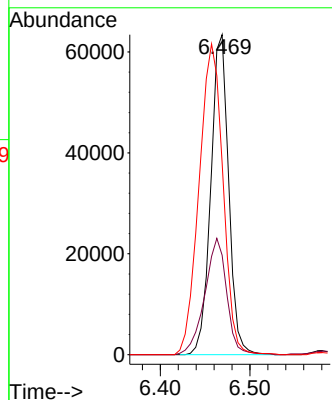
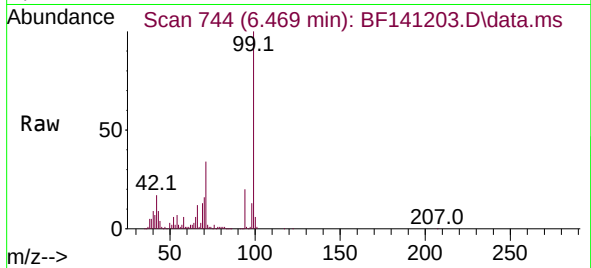




#10
Phenol
Concen: 5.452 ng
RT: 6.469 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

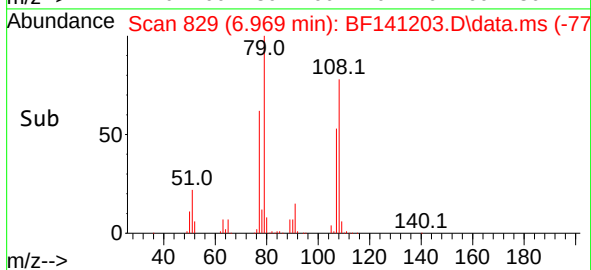
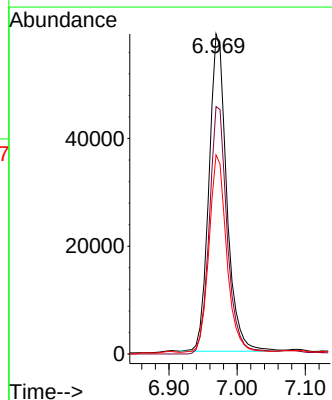
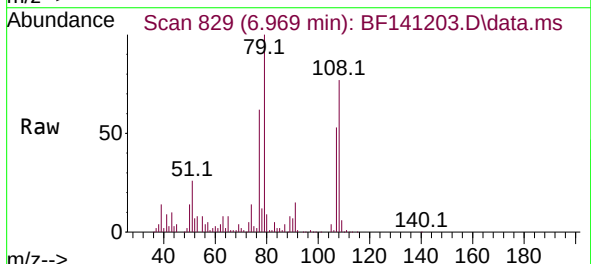
Instrument :
BNA_F
ClientSampleId :
FILTER CAKE

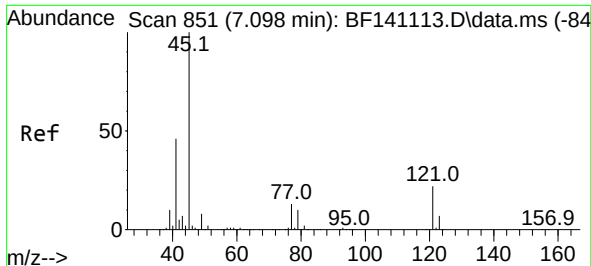
Tgt Ion: 94 Resp: 87515
Ion Ratio Lower Upper
94 100
65 31.1 8.9 48.9
66 60.0 21.2 61.2



#15
Benzyl Alcohol
Concen: 9.881 ng
RT: 6.969 min Scan# 829
Delta R.T. 0.006 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Tgt Ion: 79 Resp: 107010
Ion Ratio Lower Upper
79 100
108 77.3 61.4 92.0
77 62.2 49.8 74.6

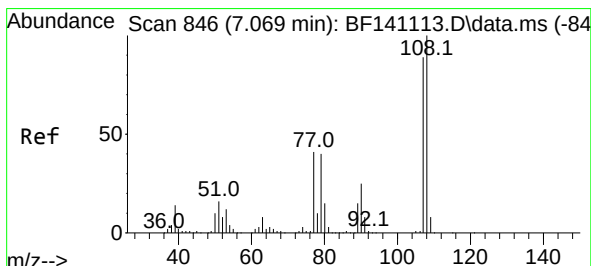
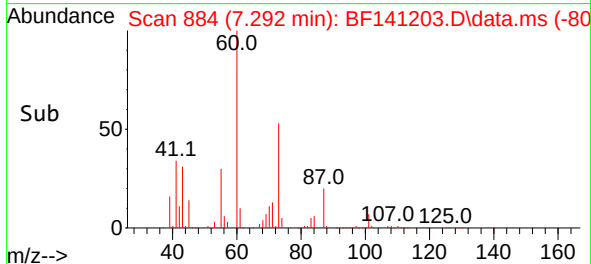
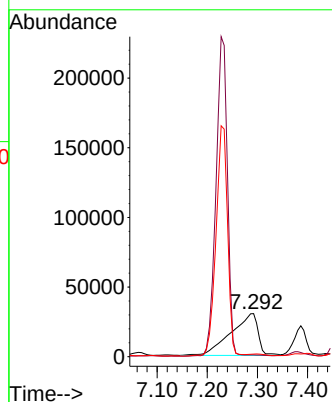
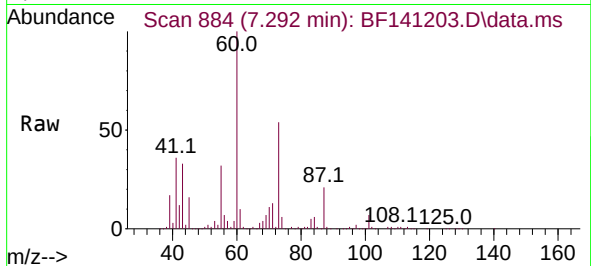




#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.763 ng
RT: 7.292 min Scan# 811
Delta R.T. 0.194 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

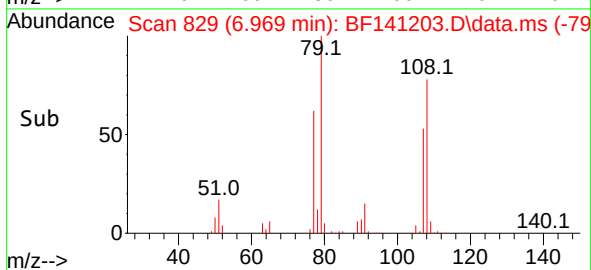
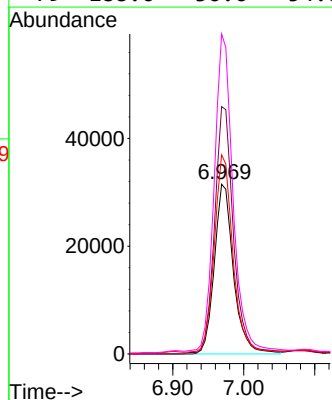
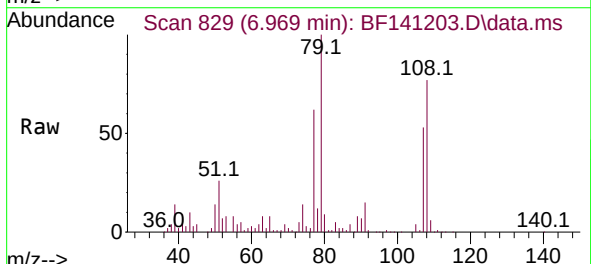
Instrument :
BNA_F
ClientSampleId :
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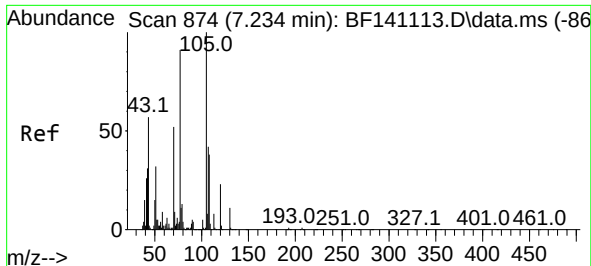
Tgt Ion: 45 Resp: 112901
Ion Ratio Lower Upper
45 100
77 4.0 0.0 34.1
79 5.9 0.0 31.0



#17
2-Methylphenol
Concen: 5.773 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.100 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Tgt Ion: 107 Resp: 59201
Ion Ratio Lower Upper
107 100
108 145.8 90.1 135.1#
77 117.3 36.6 55.0#
79 188.6 36.6 54.8#

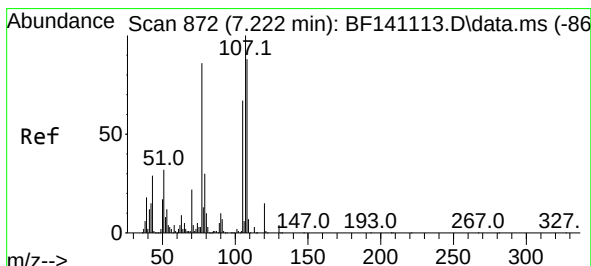
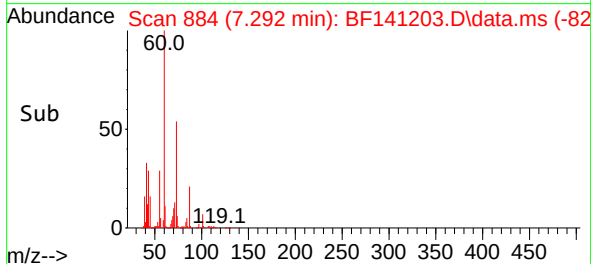
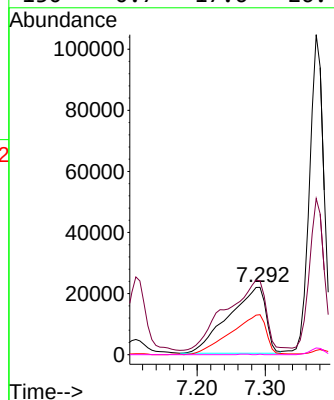
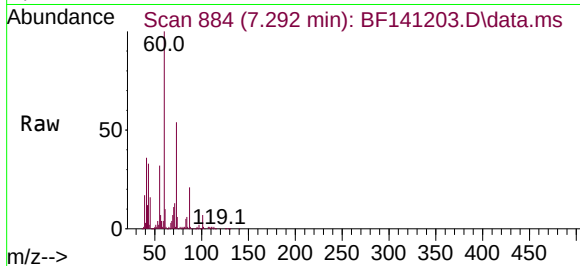




#19
n-Nitroso-di-n-propylamine
Concen: 9.342 ng
RT: 7.292 min Scan# 81
Delta R.T. 0.059 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

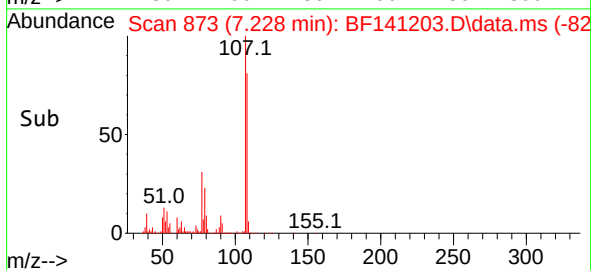
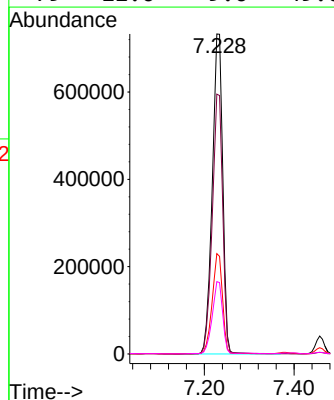
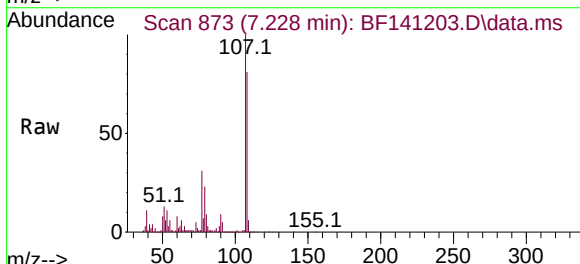
Instrument :
BNA_F
ClientSampleId :
FILTER CAKE

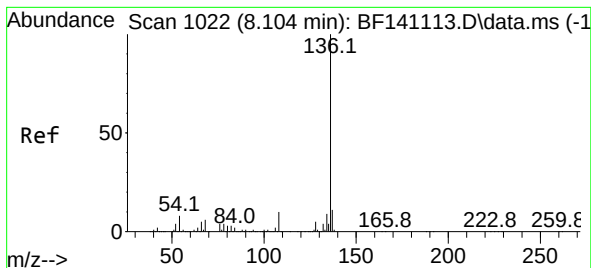
Tgt Ion: 70 Resp: 82528
Ion Ratio Lower Upper
70 100
42 109.5 47.8 71.6#
101 59.4 7.9 11.9#
130 0.7 17.6 26.4#



#20
3+4-Methylphenols
Concen: 91.467 ng
RT: 7.228 min Scan# 873
Delta R.T. 0.006 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Tgt Ion:107 Resp: 1183326
Ion Ratio Lower Upper
107 100
108 81.2 68.3 108.3
77 31.3 66.4 106.4#
79 22.6 9.6 49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.092 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141203.D

Acq: 17 Jan 2025 19:52

Instrument :

BNA_F

ClientSampleId :

FILTER CAKE

Tgt Ion:136 Resp: 728487

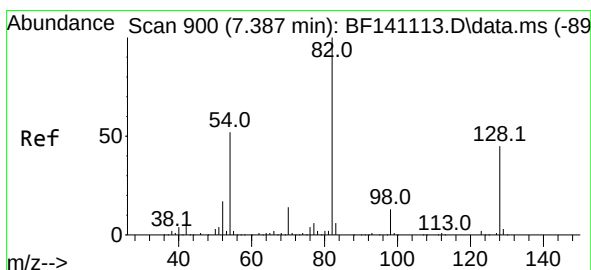
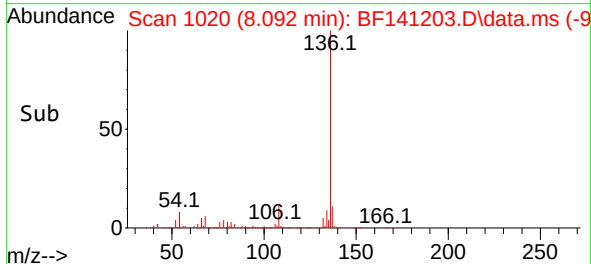
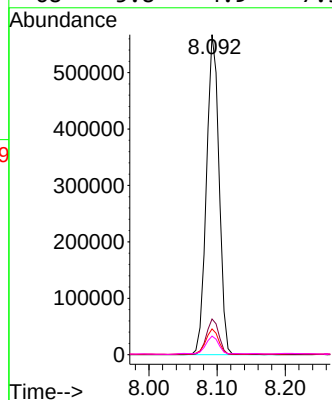
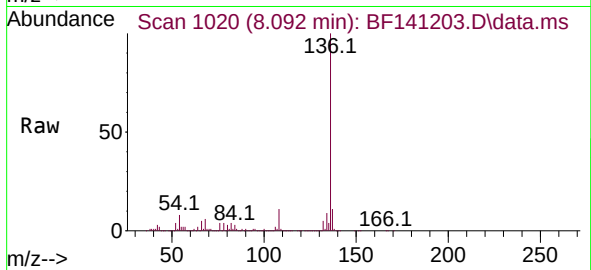
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.1 6.3 9.5

68 5.8 4.9 7.3



#23

Nitrobenzene-d5

Concen: 77.201 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.012 min

Lab File: BF141203.D

Acq: 17 Jan 2025 19:52

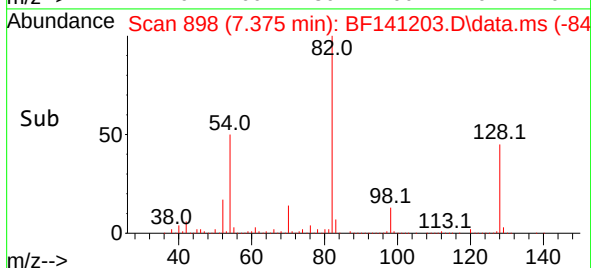
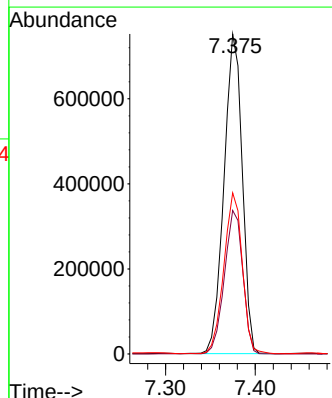
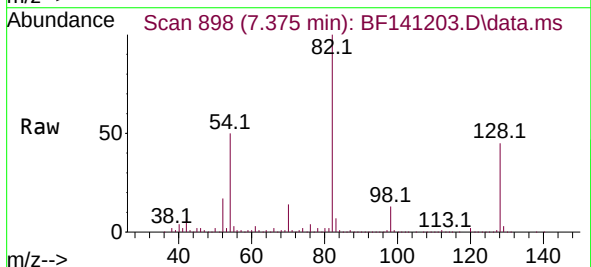
Tgt Ion: 82 Resp: 1060960

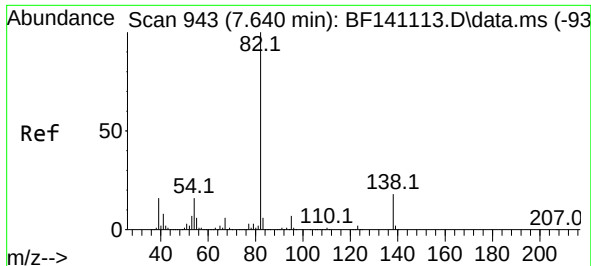
Ion Ratio Lower Upper

82 100

128 44.8 36.1 54.1

54 50.3 41.0 61.4

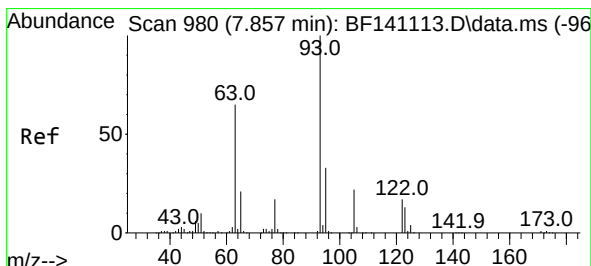
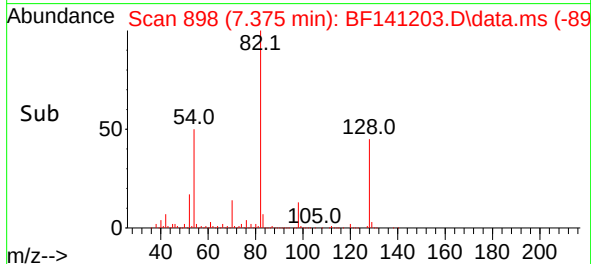
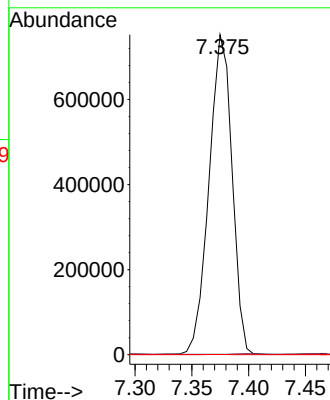
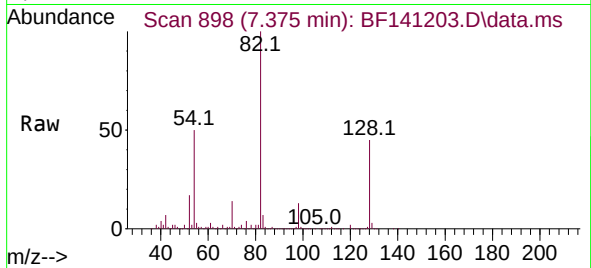




#25
Isophorone
Concen: 45.131 ng
RT: 7.375 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

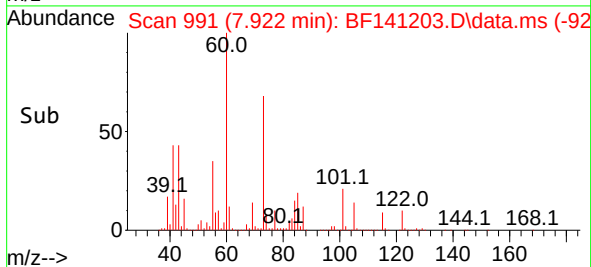
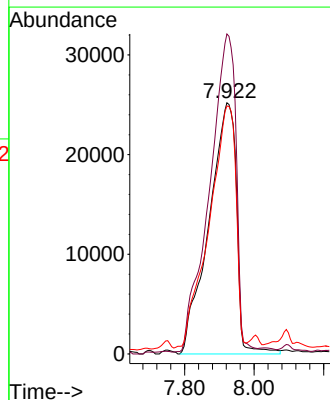
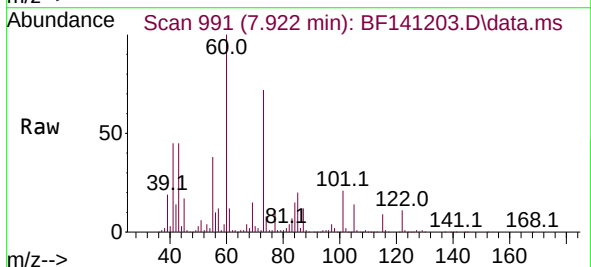
Instrument :
BNA_F
ClientSampleId :
FILTER CAKE

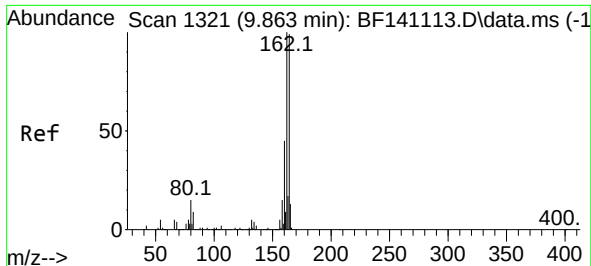
Tgt Ion: 82 Resp: 1059941
Ion Ratio Lower Upper
82 100
95 0.1 5.9 8.9#
138 0.1 14.2 21.2#



#32
Benzoic acid
Concen: 16.525 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.065 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Tgt Ion:122 Resp: 139314
Ion Ratio Lower Upper
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105 127.4 105.5 145.5
77 98.7 75.1 115.1

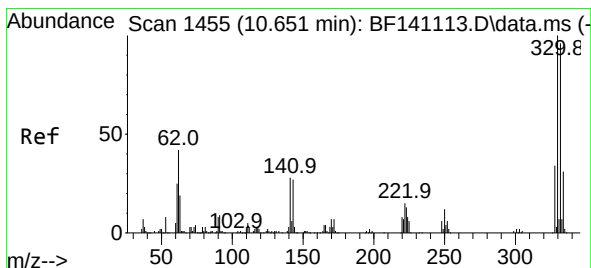
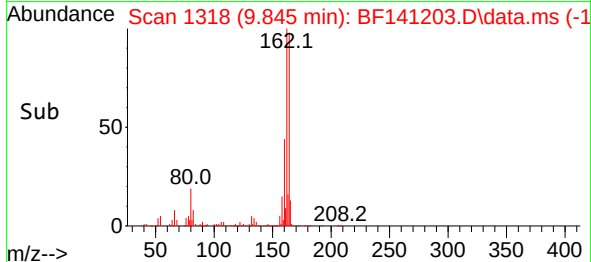
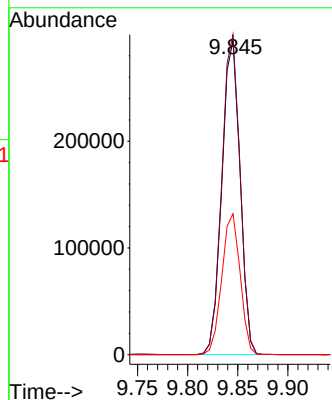
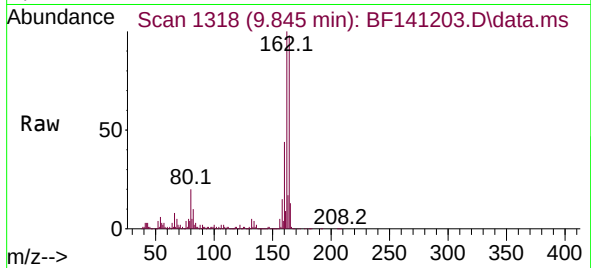




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

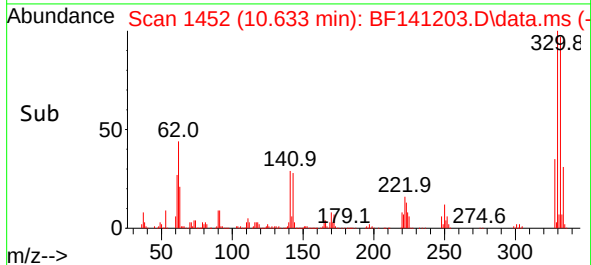
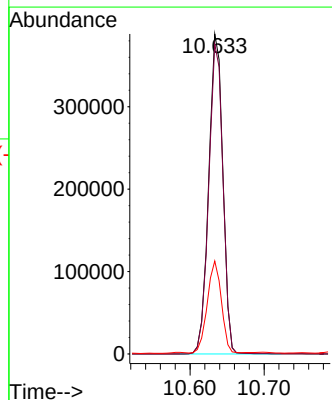
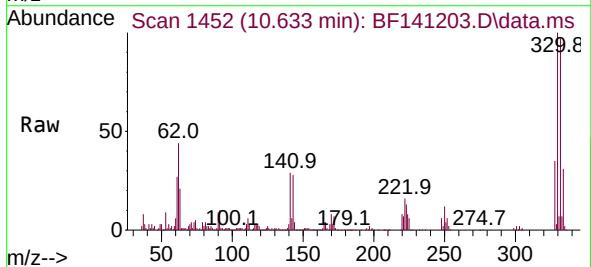
Instrument :
BNA_F
ClientSampleId :
FILTER CAKE

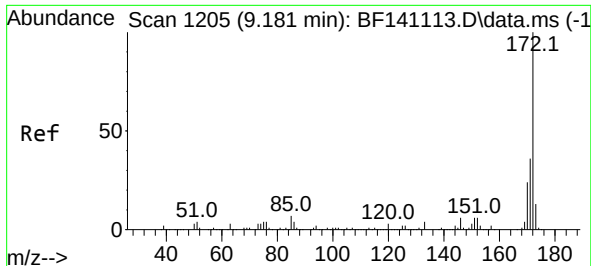
Tgt Ion:164 Resp: 369683
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.4
160 44.9 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 122.099 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Tgt Ion:330 Resp: 514318
Ion Ratio Lower Upper
330 100
332 97.5 76.9 115.3
141 28.6 25.2 37.8

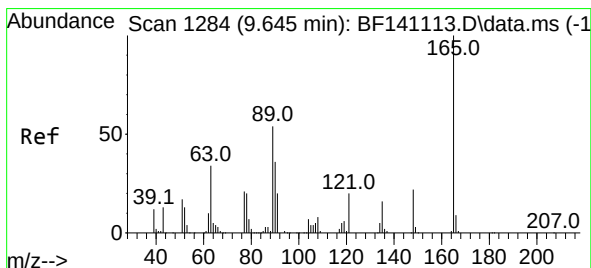
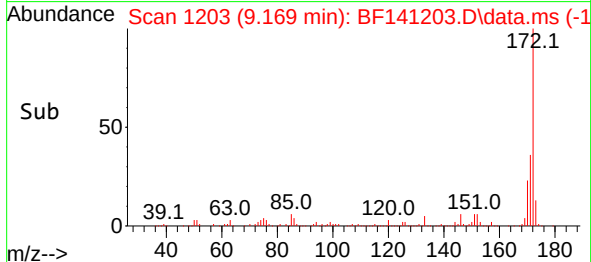
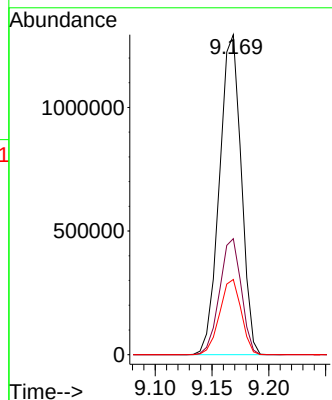
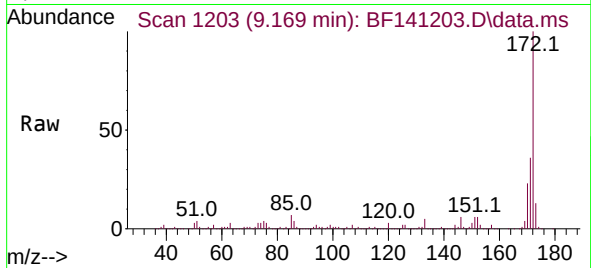




#45
2-Fluorobiphenyl
Concen: 71.219 ng
RT: 9.169 min Scan# 1318
Delta R.T. -0.012 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

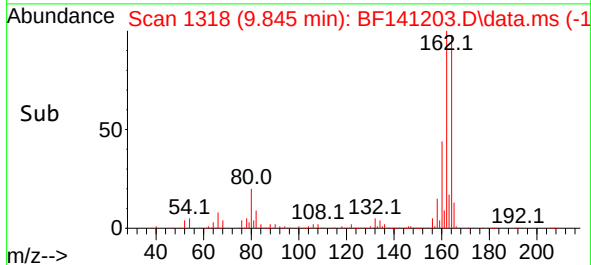
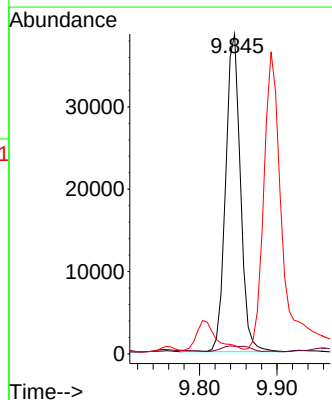
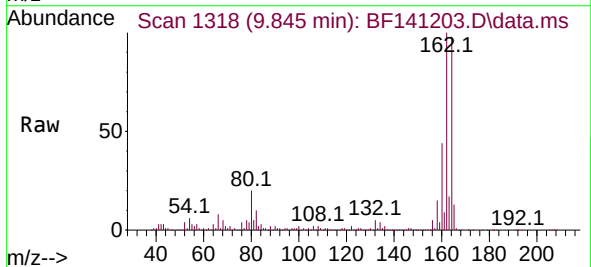
Instrument :
BNA_F
ClientSampleId :
FILTER CAKE

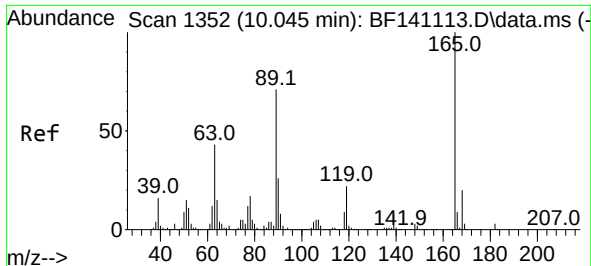
Tgt Ion:172 Resp: 1724144
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 23.5 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.865 ng
RT: 9.845 min Scan# 1318
Delta R.T. 0.200 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Tgt Ion:165 Resp: 51165
Ion Ratio Lower Upper
165 100
63 2.4 42.3 63.5#
89 2.6 43.1 64.7#

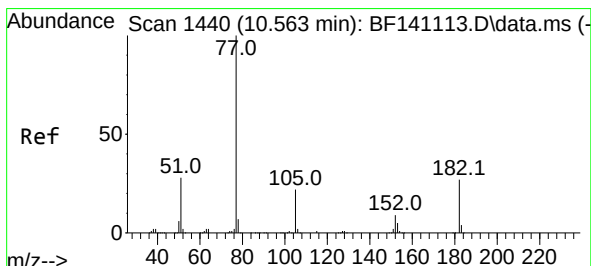
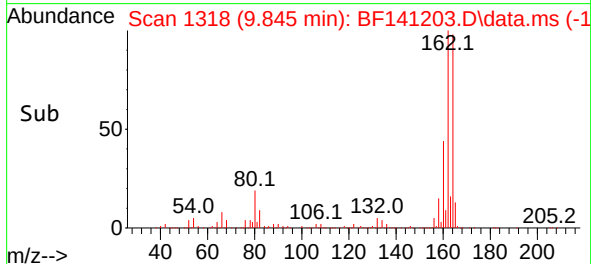
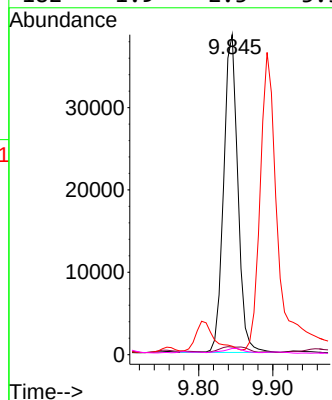
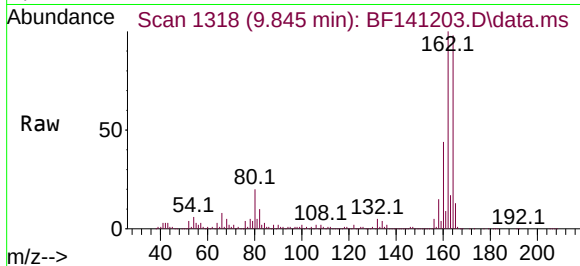




#57
2,4-Dinitrotoluene
Concen: 6.880 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

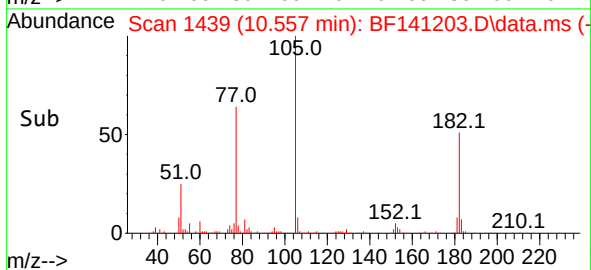
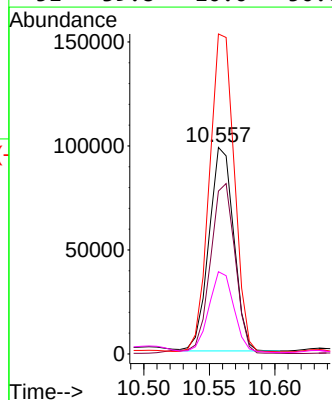
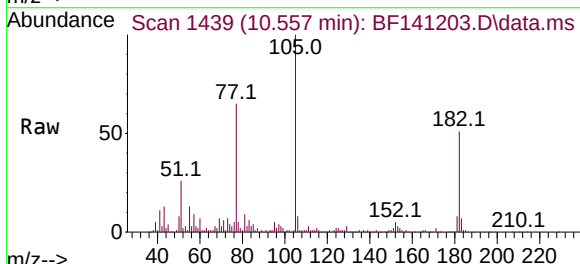
Instrument :
BNA_F
ClientSampleId :
FILTER CAKE

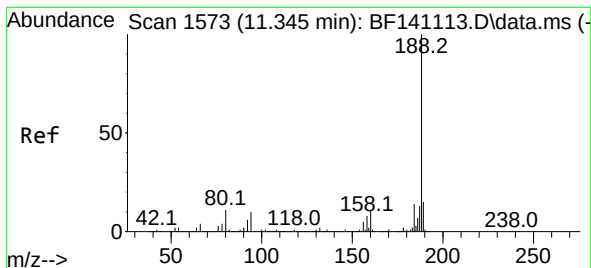
Tgt Ion:165 Resp: 51173
Ion Ratio Lower Upper
165 100
63 2.4 35.0 52.4#
89 2.6 56.7 85.1#
182 1.9 2.3 3.5#



#63
Azobenzene
Concen: 5.382 ng
RT: 10.557 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Tgt Ion: 77 Resp: 128681
Ion Ratio Lower Upper
77 100
182 78.9 6.1 46.1#
105 154.9 2.1 42.1#
51 39.8 10.0 50.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141203.D

Acq: 17 Jan 2025 19:52

Instrument :

BNA_F

ClientSampleId :

FILTER CAKE

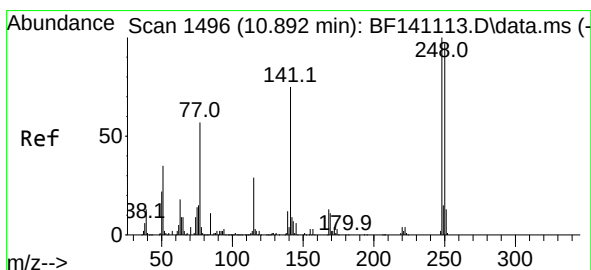
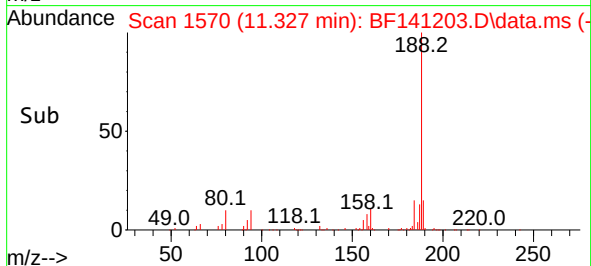
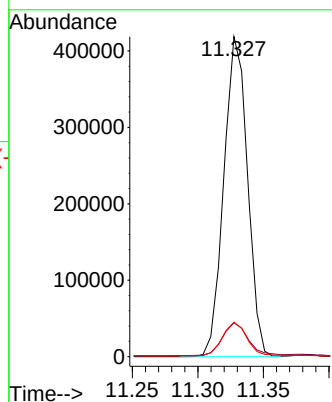
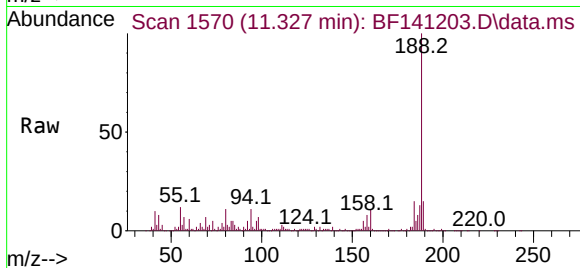
Tgt Ion:188 Resp: 525547

Ion Ratio Lower Upper

188 100

94 10.6 8.3 12.5

80 10.8 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.212 ng

RT: 10.633 min Scan# 1452

Delta R.T. -0.259 min

Lab File: BF141203.D

Acq: 17 Jan 2025 19:52

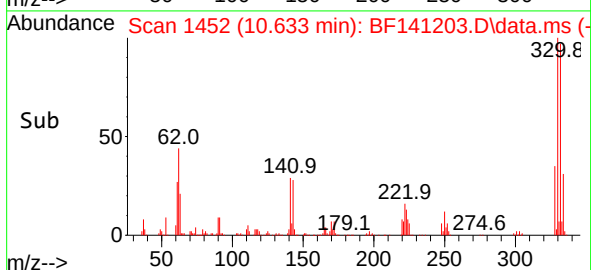
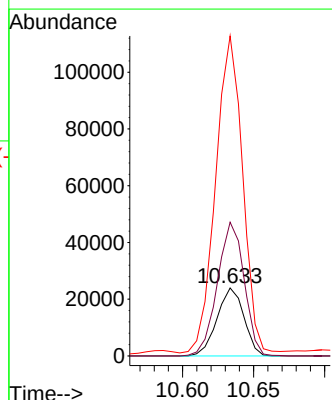
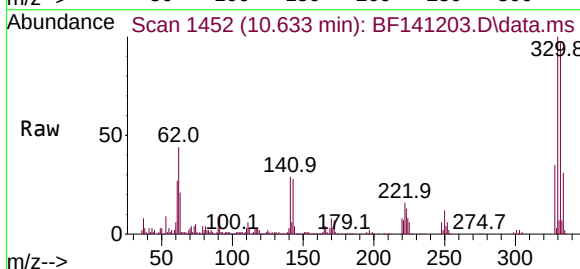
Tgt Ion:248 Resp: 31533

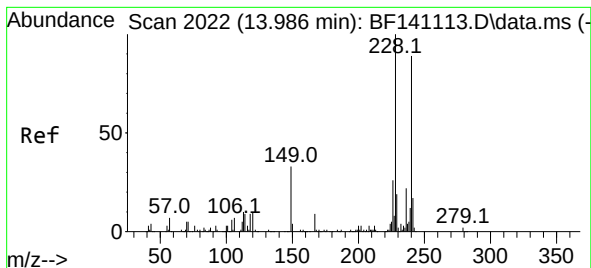
Ion Ratio Lower Upper

248 100

250 196.6 77.9 116.9#

141 470.6 59.9 89.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141203.D

Acq: 17 Jan 2025 19:52

Instrument :

BNA_F

ClientSampleId :

FILTER CAKE

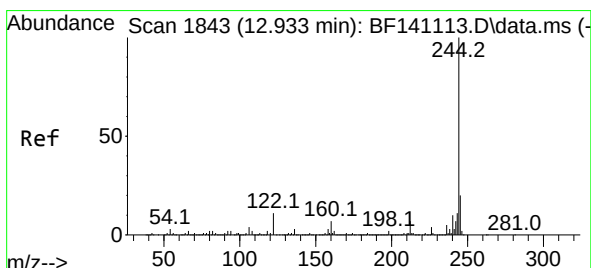
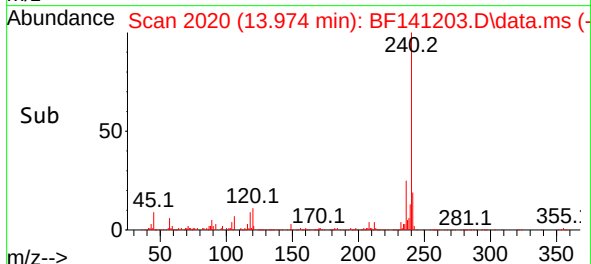
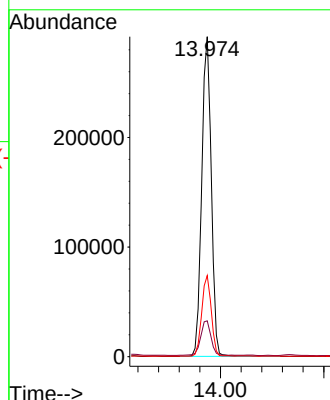
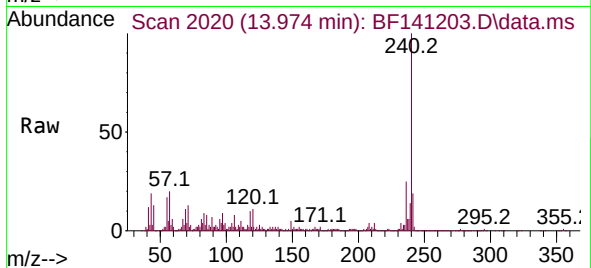
Tgt Ion:240 Resp: 373282

Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

236 25.3 19.8 29.6



#79

Terphenyl-d14

Concen: 43.251 ng

RT: 12.921 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF141203.D

Acq: 17 Jan 2025 19:52

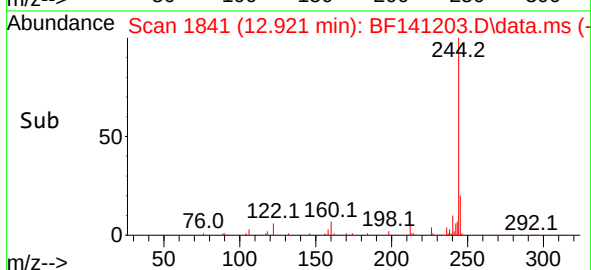
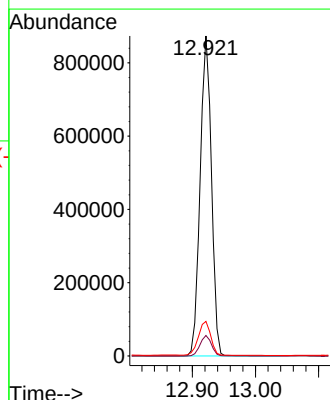
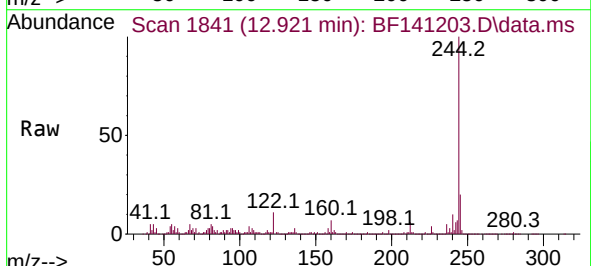
Tgt Ion:244 Resp: 1086251

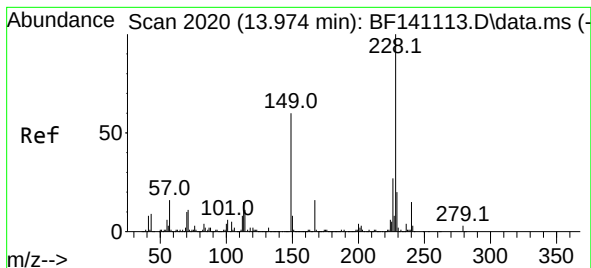
Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

122 10.8 8.8 13.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.474 ng

RT: 13.963 min Scan# 2020

Delta R.T. -0.012 min

Lab File: BF141203.D

Acq: 17 Jan 2025 19:52

Instrument :

BNA_F

ClientSampleId :

FILTER CAKE

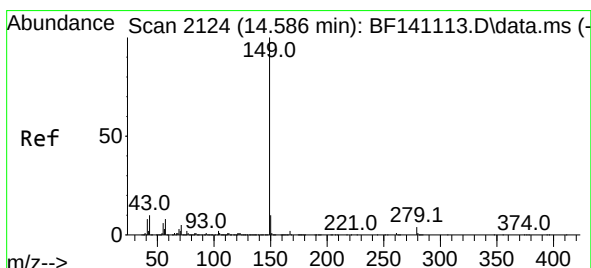
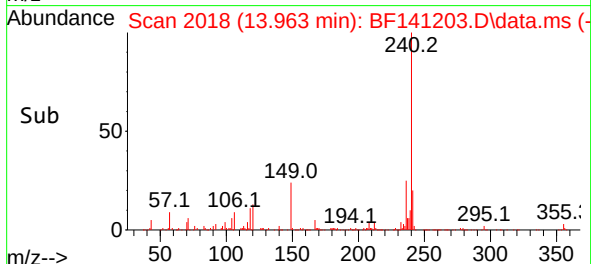
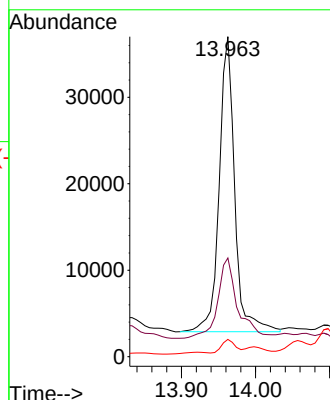
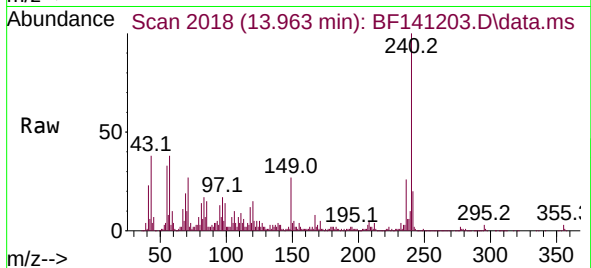
Tgt Ion:149 Resp: 49546

Ion Ratio Lower Upper

149 100

167 30.9 21.4 32.2

279 5.4 3.4 5.2#



#85

Di-n-octyl phthalate

Concen: 11.284 ng

RT: 14.615 min Scan# 2129

Delta R.T. 0.029 min

Lab File: BF141203.D

Acq: 17 Jan 2025 19:52

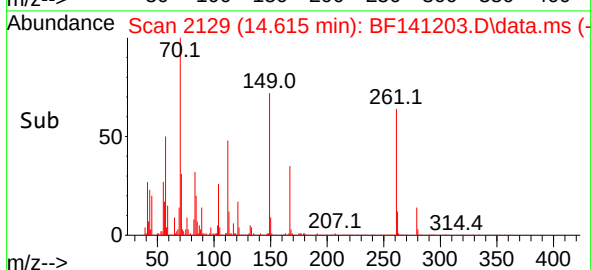
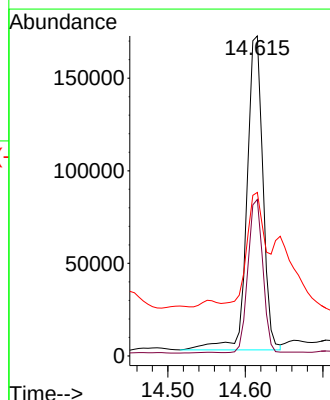
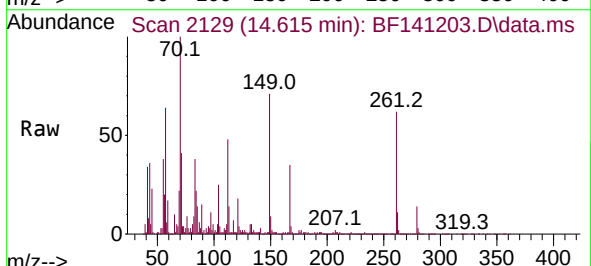
Tgt Ion:149 Resp: 243042

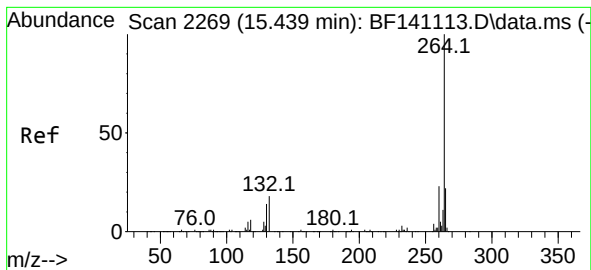
Ion Ratio Lower Upper

149 100

167 45.4 1.3 1.9#

43 40.1 8.4 12.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141203.D

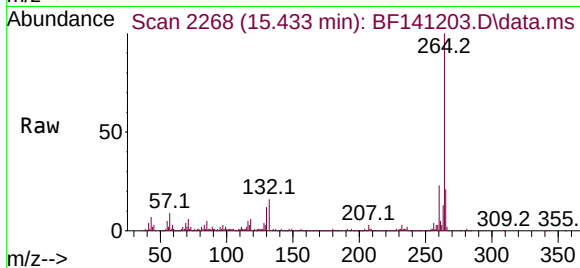
Acq: 17 Jan 2025 19:52

Instrument :

BNA_F

ClientSampleId :

FILTER CAKE



Tgt Ion:264 Resp: 384366

Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 21.2 17.4 26.0

