

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
 Data File : BF140747.D
 Acq On : 05 Dec 2024 14:36
 Operator : RC/JU
 Sample : PB165383BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165383BL

Quant Time: Dec 05 15:18:30 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)

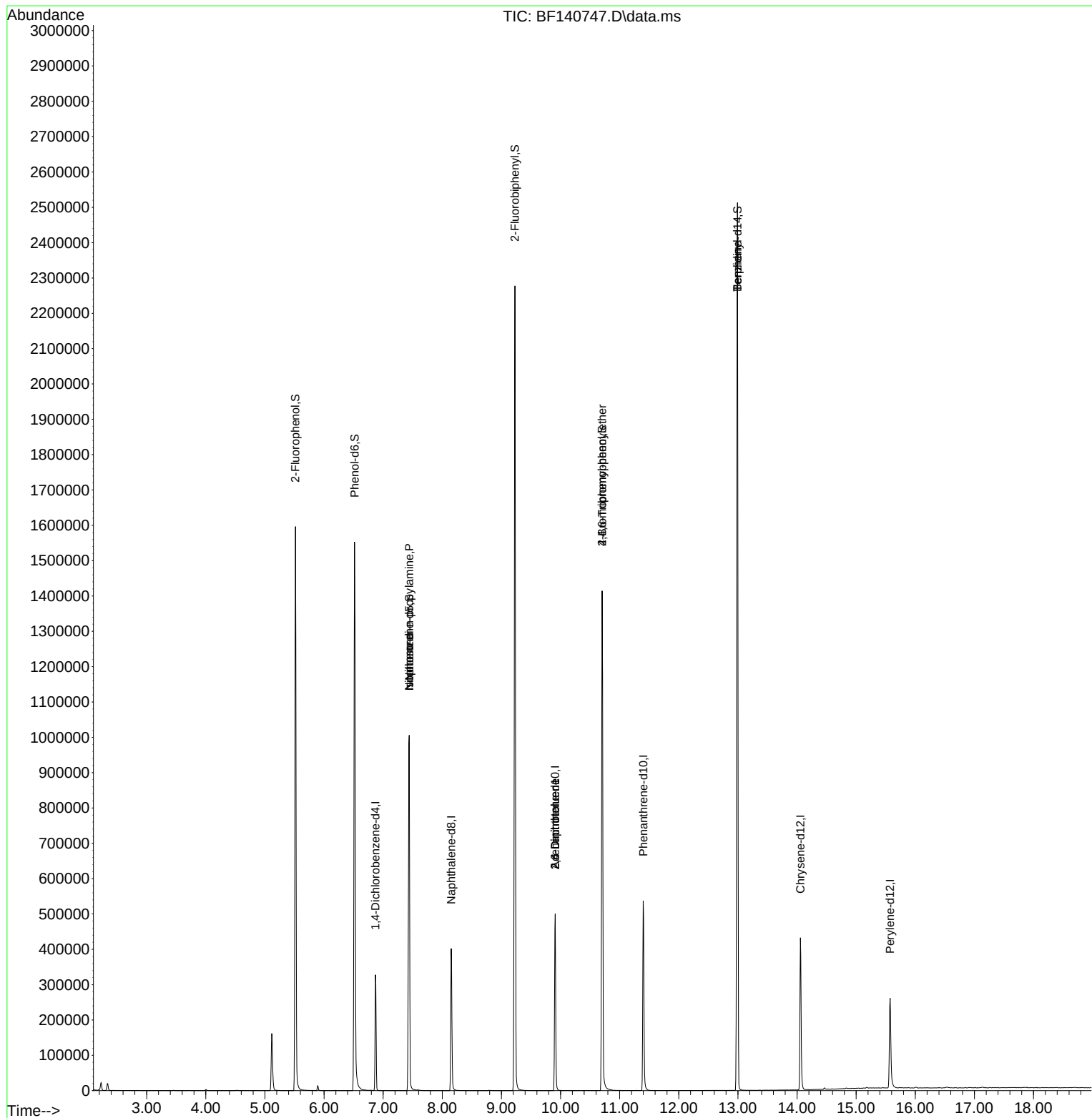
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	70492	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	275647	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	164066	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	325670	20.000	ng	0.00
76) Chrysene-d12	14.057	240	233743	20.000	ng	0.00
86) Perylene-d12	15.574	264	188357	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	609321	147.482	ng	0.02
7) Phenol-d6	6.516	99	792456	145.087	ng	0.00
23) Nitrobenzene-d5	7.440	82	505356	93.776	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	266957	152.138	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1044302	94.837	ng	0.00
79) Terphenyl-d14	12.992	244	1341278	89.352	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	67588	20.938	ng	# 75
25) Isophorone	7.440	82	501310	55.773	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	21286	8.686	ng	# 20
57) 2,4-Dinitrotoluene	9.910	165	21286	6.536	ng	# 17
67) 4-Bromophenyl-phenylether	10.704	248	16508	4.922	ng	# 1
77) Benzidine	12.992	184	17824	2.623	ng	# 94

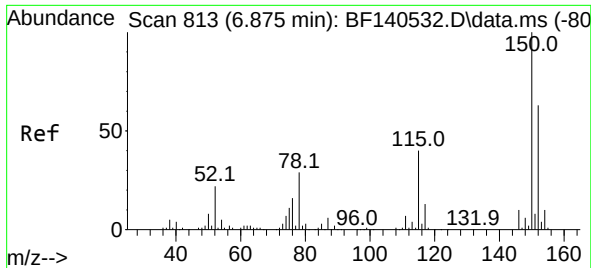
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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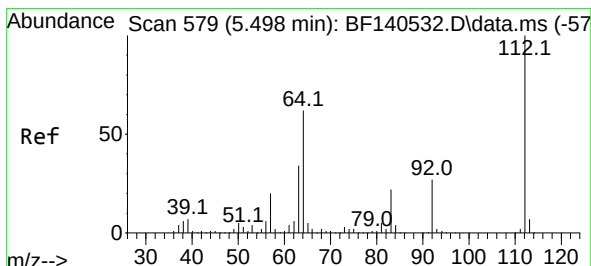
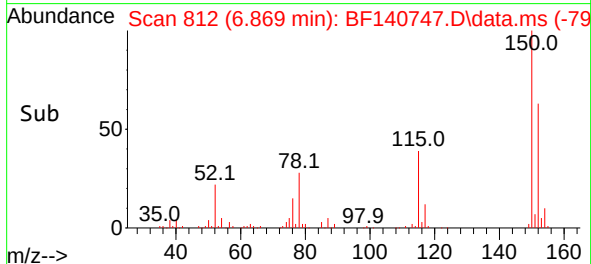
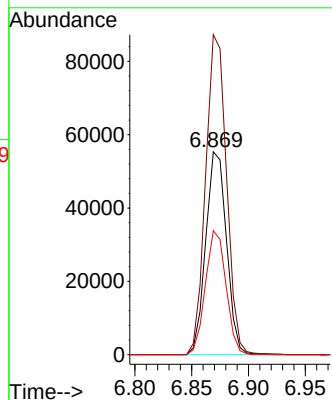
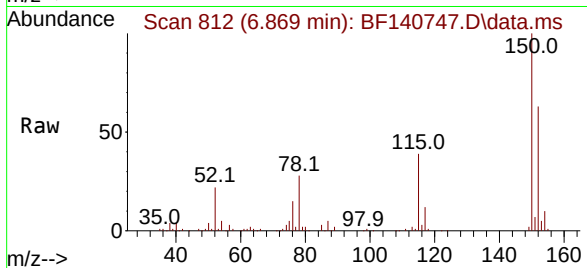




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140747.D
Acq: 05 Dec 2024 14:36

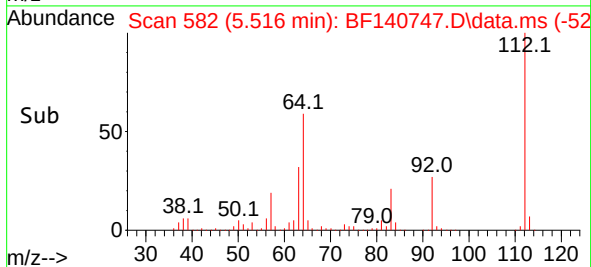
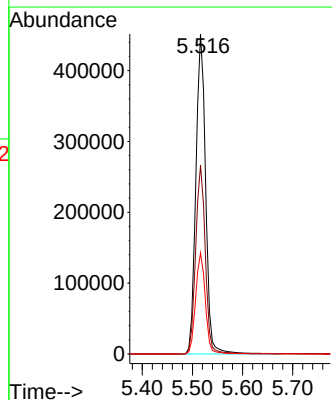
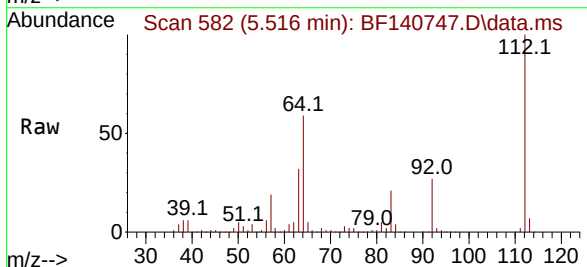
Instrument :
BNA_F
ClientSampleId :
PB165383BL

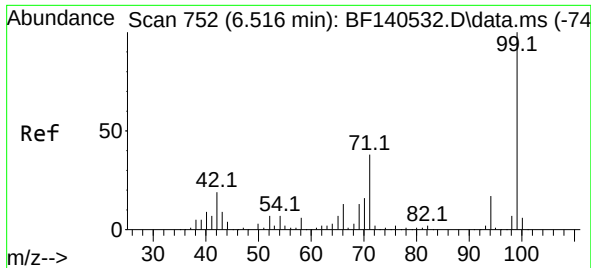
Tgt Ion:152 Resp: 70492
Ion Ratio Lower Upper
152 100
150 157.7 128.5 192.7
115 61.1 50.2 75.4



#5
2-Fluorophenol
Concen: 147.482 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140747.D
Acq: 05 Dec 2024 14:36

Tgt Ion:112 Resp: 609321
Ion Ratio Lower Upper
112 100
64 58.9 49.2 73.8
63 31.6 27.0 40.4

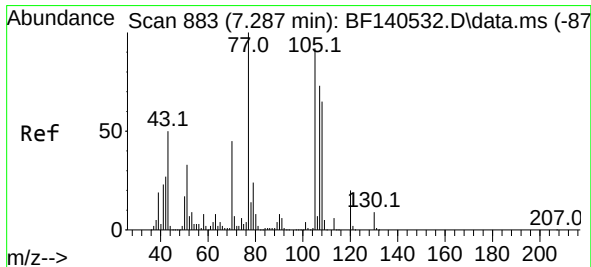
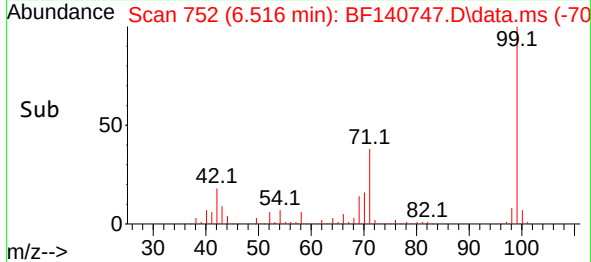
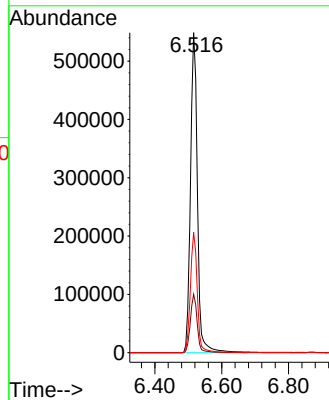
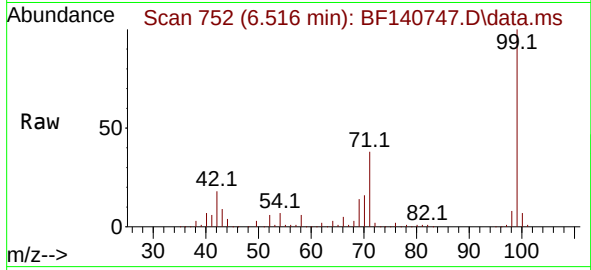




#7
Phenol-d6
Concen: 145.087 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140747.D
Acq: 05 Dec 2024 14:36

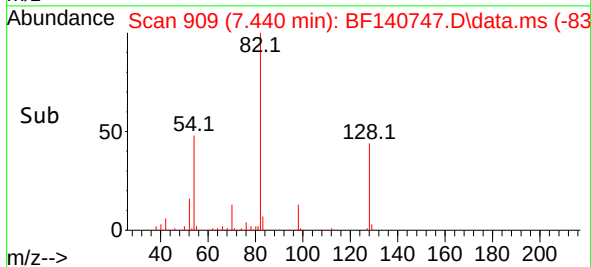
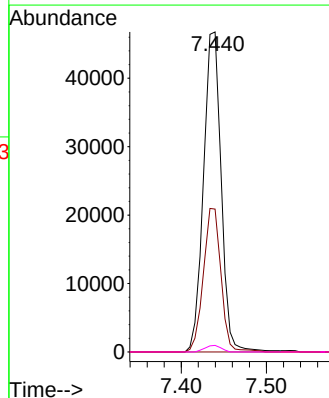
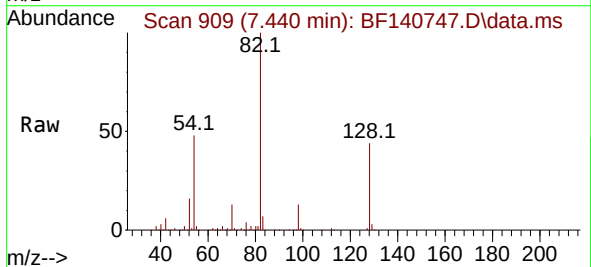
Instrument :
BNA_F
ClientSampleId :
PB165383BL

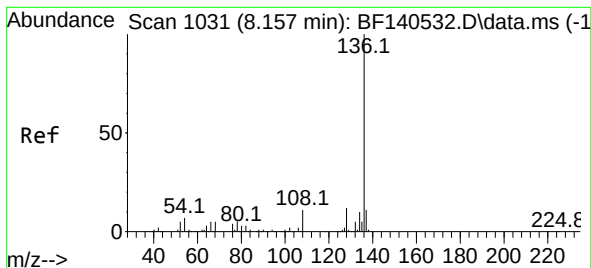
Tgt Ion: 99 Resp: 792456
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 37.7 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.938 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.153 min
Lab File: BF140747.D
Acq: 05 Dec 2024 14:36

Tgt Ion: 70 Resp: 67588
Ion Ratio Lower Upper
70 100
42 44.7 47.6 71.4#
101 0.0 7.6 11.4#
130 2.1 16.2 24.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140747.D

Acq: 05 Dec 2024 14:36

Instrument :

BNA_F

ClientSampleId :

PB165383BL

Tgt Ion:136 Resp: 275647

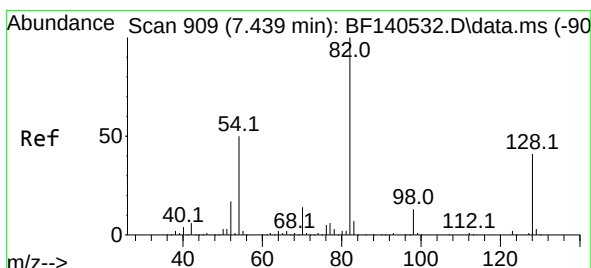
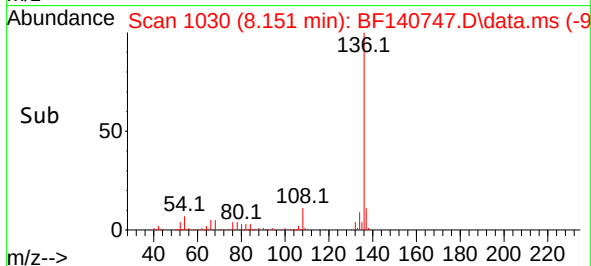
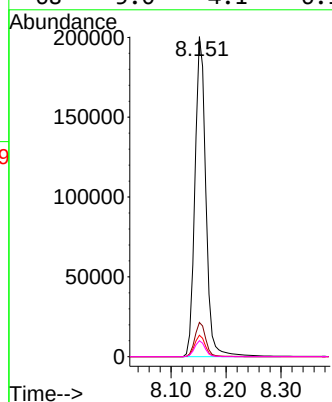
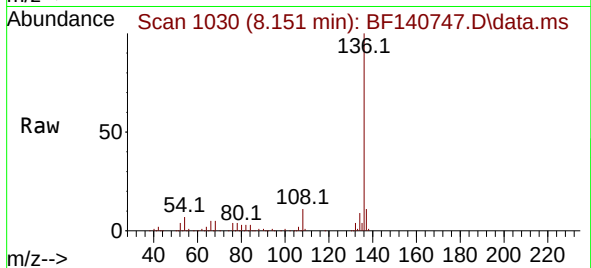
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 6.7 5.8 8.8

68 5.0 4.1 6.1



#23

Nitrobenzene-d5

Concen: 93.776 ng

RT: 7.440 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF140747.D

Acq: 05 Dec 2024 14:36

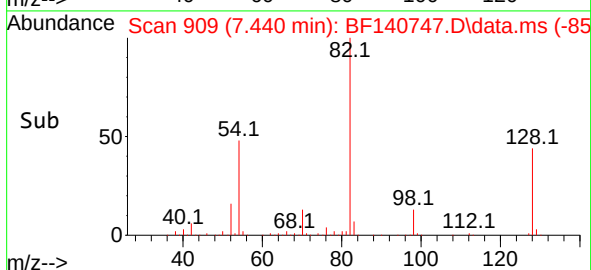
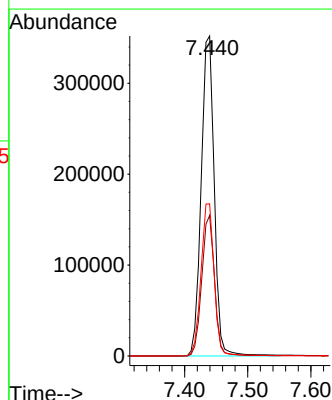
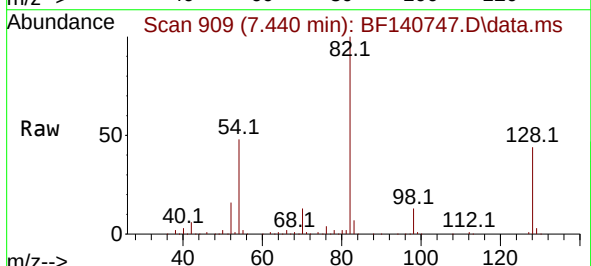
Tgt Ion: 82 Resp: 505356

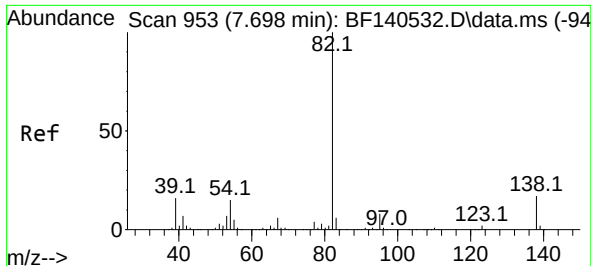
Ion Ratio Lower Upper

82 100

128 43.9 33.0 49.4

54 47.6 39.5 59.3

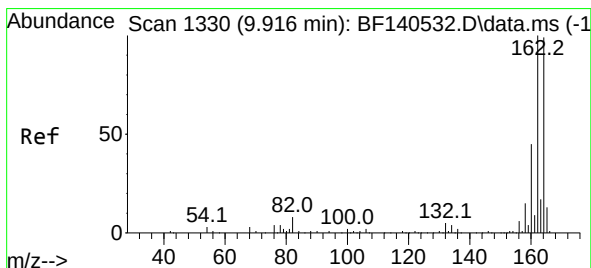
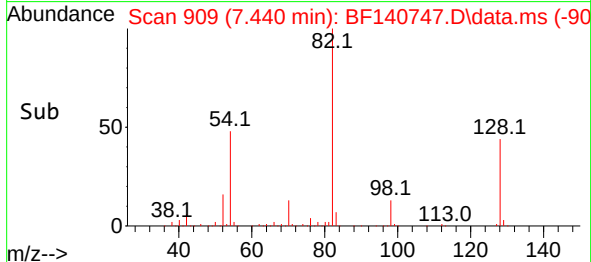
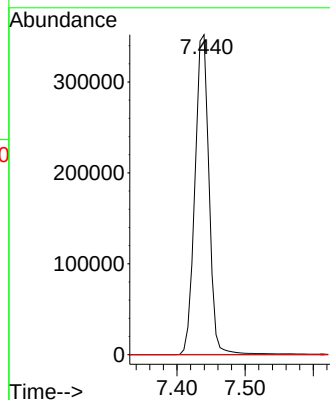
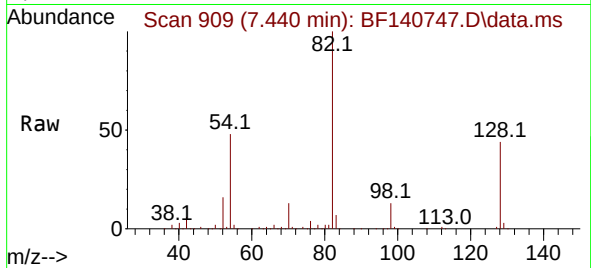




#25
Isophorone
Concen: 55.773 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF140747.D
Acq: 05 Dec 2024 14:36

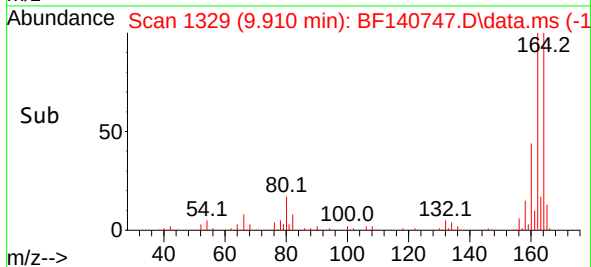
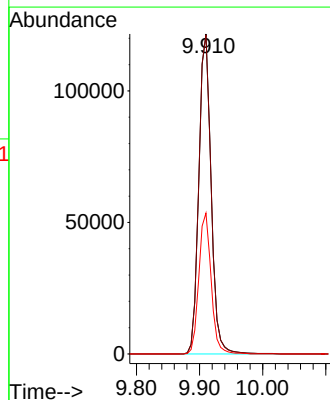
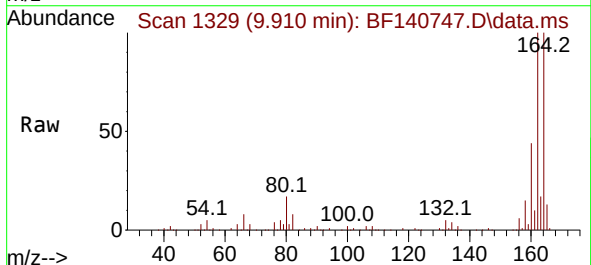
Instrument :
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ClientSampleId :
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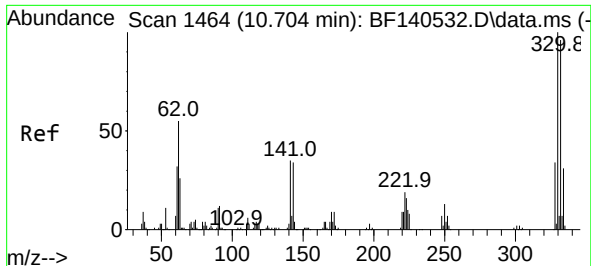
Tgt Ion: 82 Resp: 501310
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140747.D
Acq: 05 Dec 2024 14:36

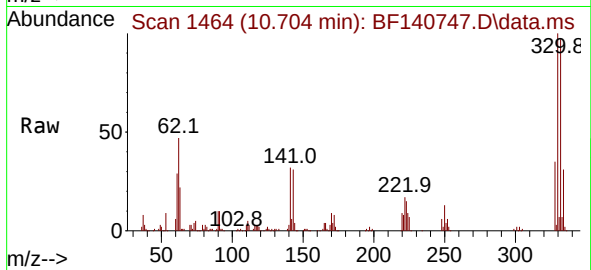
Tgt Ion:164 Resp: 164066
Ion Ratio Lower Upper
164 100
162 99.7 80.6 120.8
160 44.0 36.2 54.4



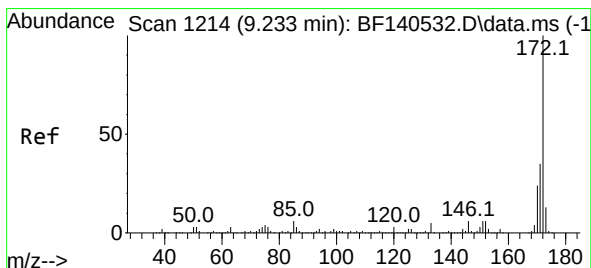
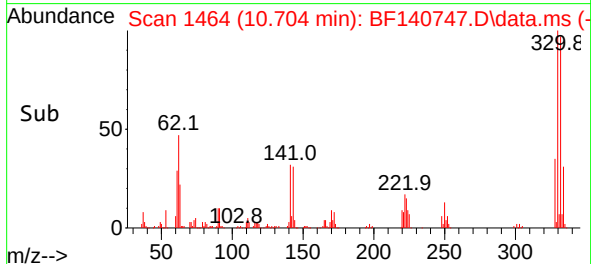
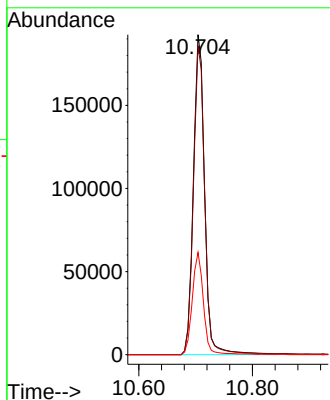


#42
2,4,6-Tribromophenol
Concen: 152.138 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140747.D
Acq: 05 Dec 2024 14:36

Instrument :
BNA_F
ClientSampleId :
PB165383BL

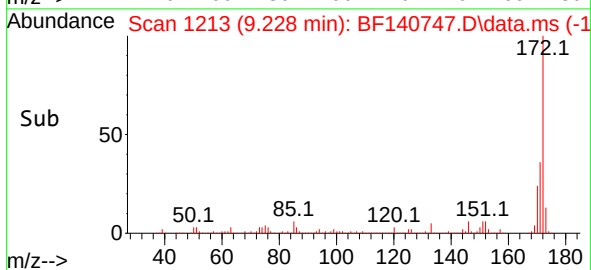
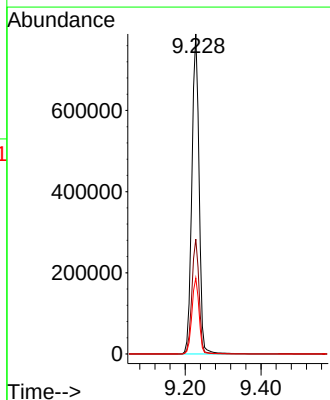
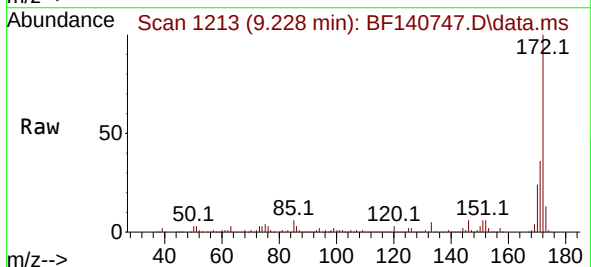


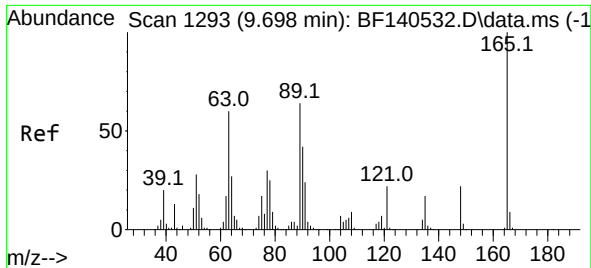
Tgt Ion:330 Resp: 266957
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 31.9 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 94.837 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140747.D
Acq: 05 Dec 2024 14:36

Tgt Ion:172 Resp: 1044302
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.8 19.0 28.6

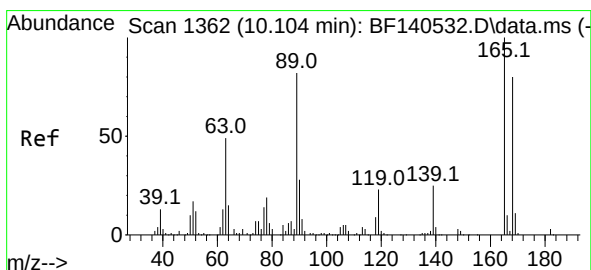
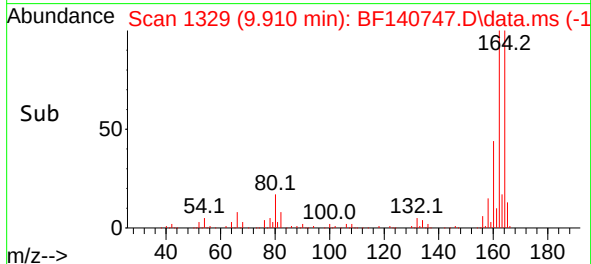
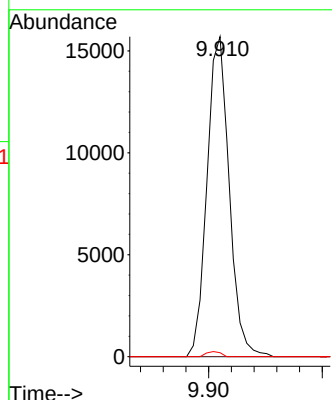
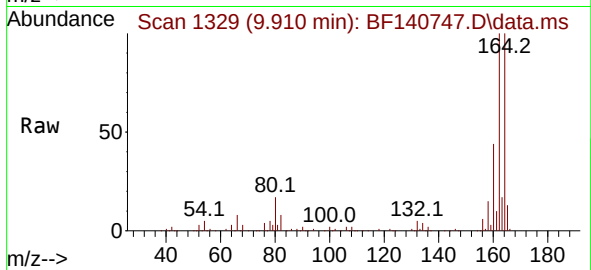




#51
2,6-Dinitrotoluene
Concen: 8.686 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140747.D
Acq: 05 Dec 2024 14:36

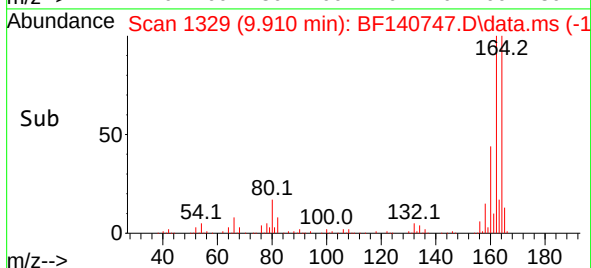
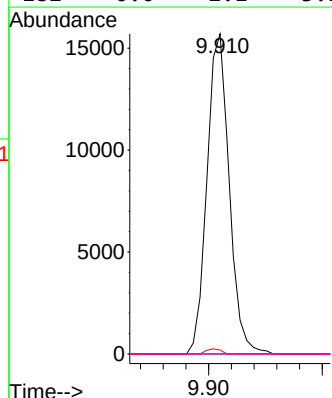
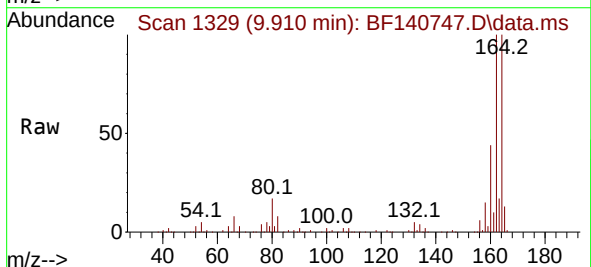
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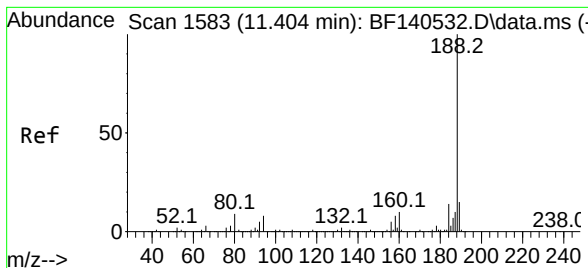
Tgt Ion:165 Resp: 21286
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 1.2 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.536 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140747.D
Acq: 05 Dec 2024 14:36

Tgt Ion:165 Resp: 21286
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 1.2 65.8 98.8#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140747.D

Acq: 05 Dec 2024 14:36

Instrument :

BNA_F

ClientSampleId :

PB165383BL

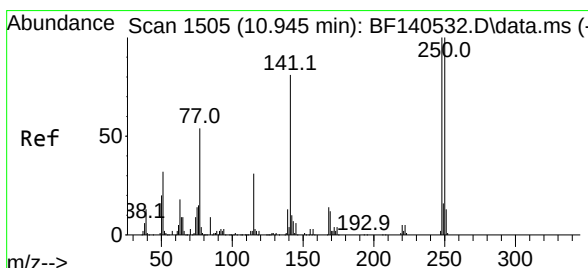
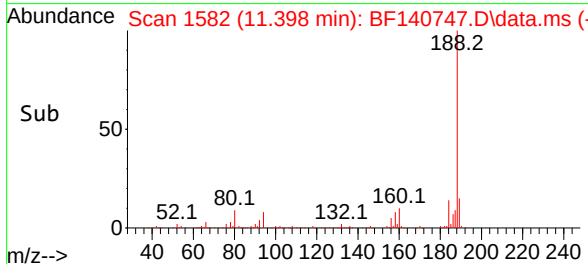
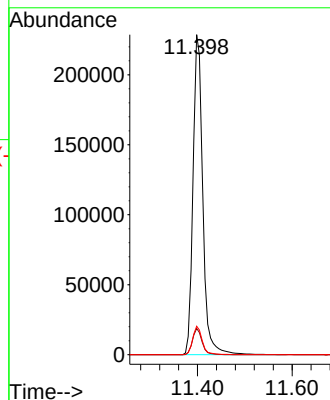
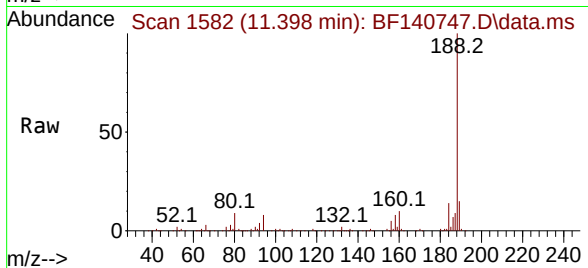
Tgt Ion:188 Resp: 325670

Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.9 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.922 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF140747.D

Acq: 05 Dec 2024 14:36

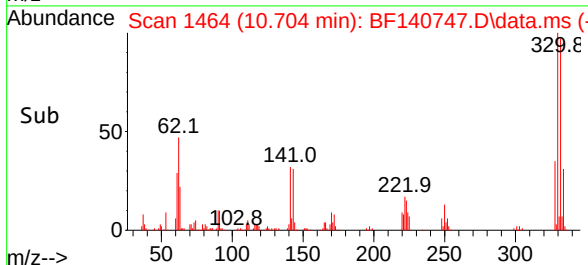
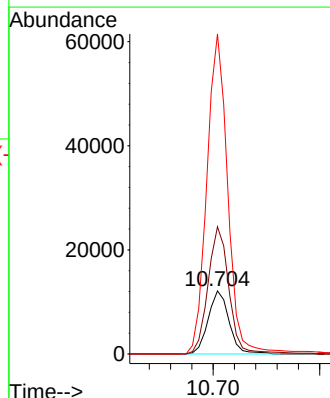
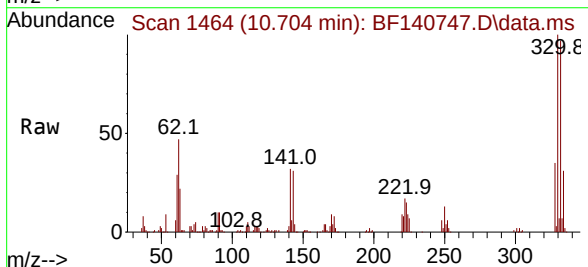
Tgt Ion:248 Resp: 16508

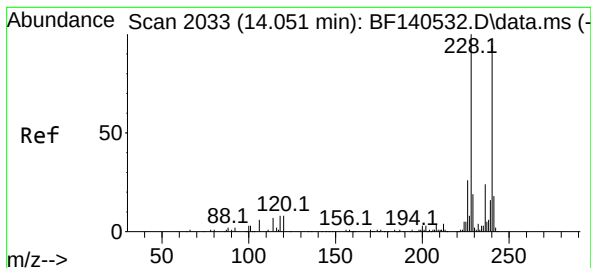
Ion Ratio Lower Upper

248 100

250 201.9 79.8 119.8#

141 508.1 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF140747.D

Acq: 05 Dec 2024 14:36

Instrument :

BNA_F

ClientSampleId :

PB165383BL

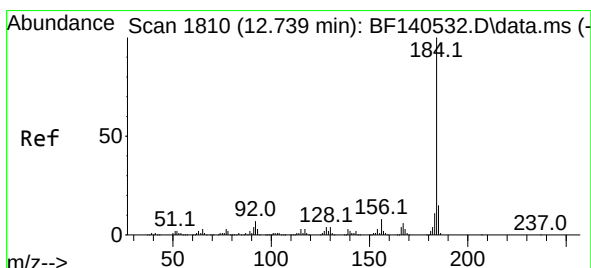
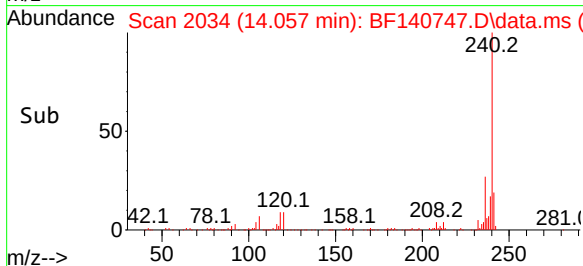
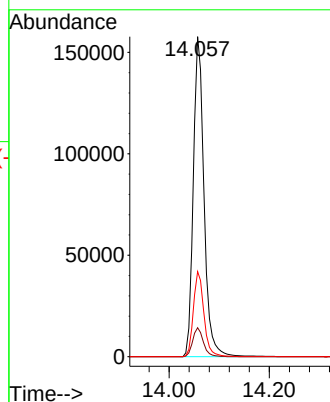
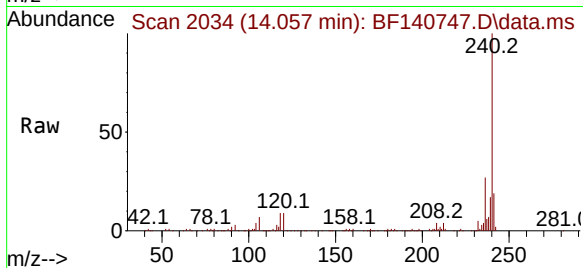
Tgt Ion:240 Resp: 233743

Ion Ratio Lower Upper

240 100

120 9.1 7.3 10.9

236 26.6 20.6 31.0



#77

Benzidine

Concen: 2.623 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.253 min

Lab File: BF140747.D

Acq: 05 Dec 2024 14:36

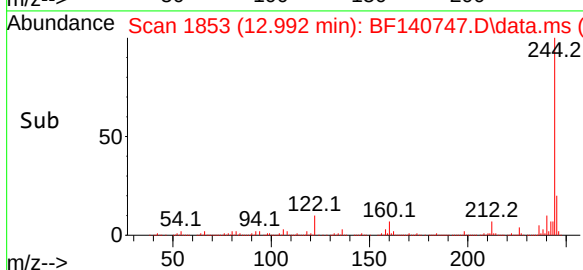
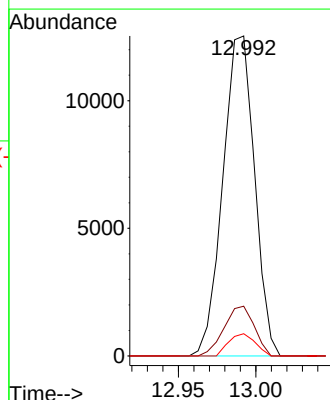
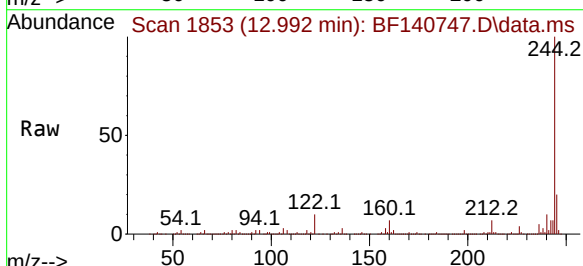
Tgt Ion:184 Resp: 17824

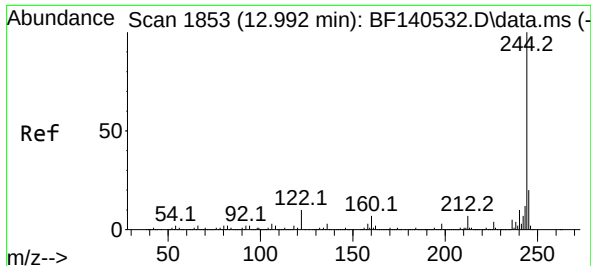
Ion Ratio Lower Upper

184 100

185 15.6 11.7 17.5

183 6.9 8.8 13.2#

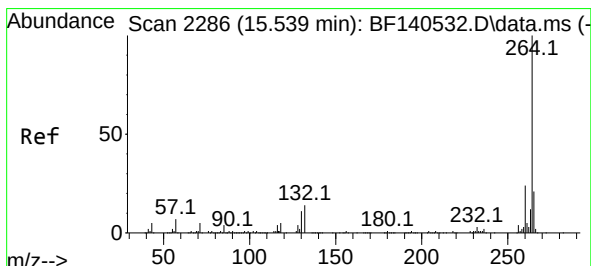
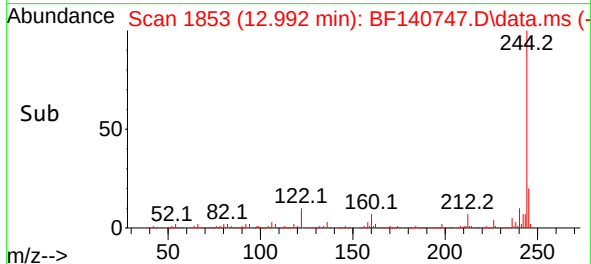
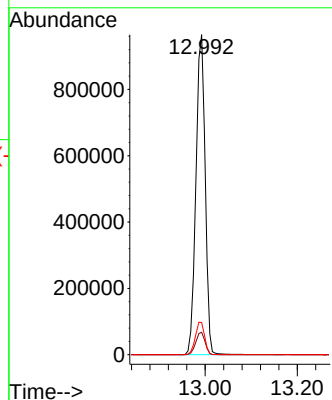
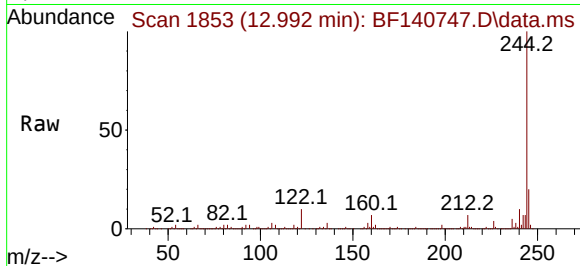




#79
 Terphenyl-d14
 Concen: 89.352 ng
 RT: 12.992 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140747.D
 Acq: 05 Dec 2024 14:36

Instrument :
 BNA_F
 ClientSampleId :
 PB165383BL

Tgt Ion:244 Resp: 1341278
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.1 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2292
 Delta R.T. 0.035 min
 Lab File: BF140747.D
 Acq: 05 Dec 2024 14:36

Tgt Ion:264 Resp: 188357
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 20.6 16.6 25.0

