

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140543.D
 Acq On : 21 Nov 2024 18:48
 Operator : RC/JU
 Sample : P4870-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15

Quant Time: Nov 22 00:10:15 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)

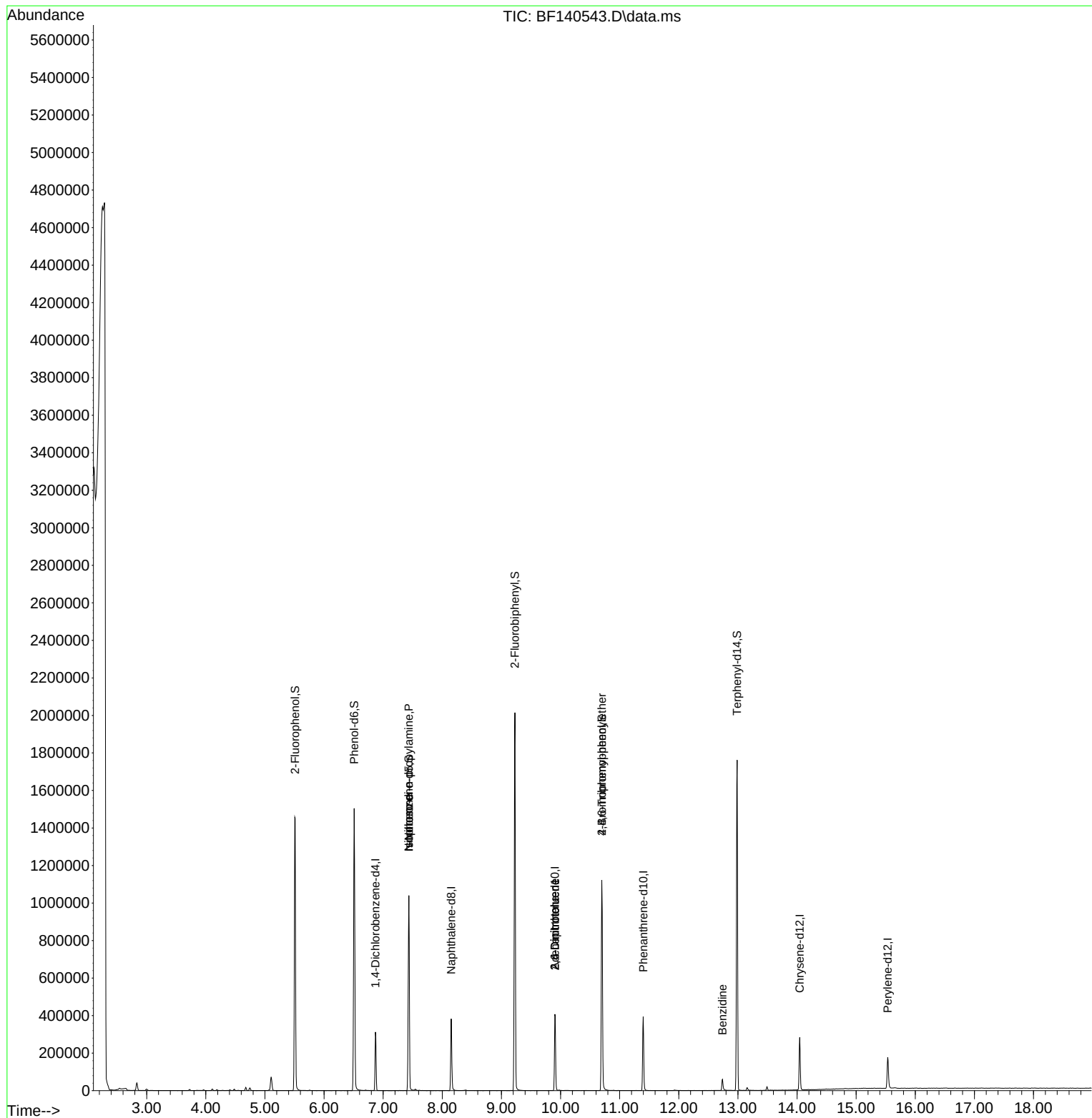
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	65191	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	244818	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	129132	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	219837	20.000	ng	0.00
76) Chrysene-d12	14.045	240	141737	20.000	ng	0.00
86) Perylene-d12	15.533	264	107747	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	555648	145.427	ng	0.01
7) Phenol-d6	6.510	99	710279	140.616	ng	0.00
23) Nitrobenzene-d5	7.434	82	480493	100.390	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	195610	141.636	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	889626	102.646	ng	0.00
79) Terphenyl-d14	12.986	244	872295	95.831	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	65798	22.041	ng	# 77
25) Isophorone	7.434	82	476601	59.701	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	17208	8.922	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	17208	6.713	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	12959	5.724	ng	# 1
77) Benzidine	12.739	184	42326	10.271	ng	99

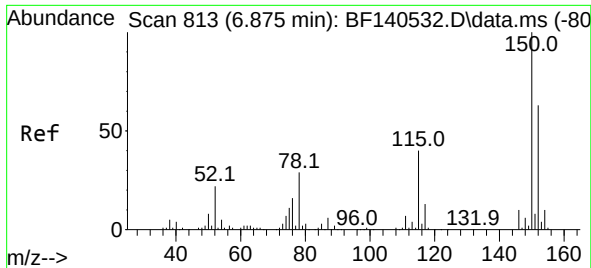
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
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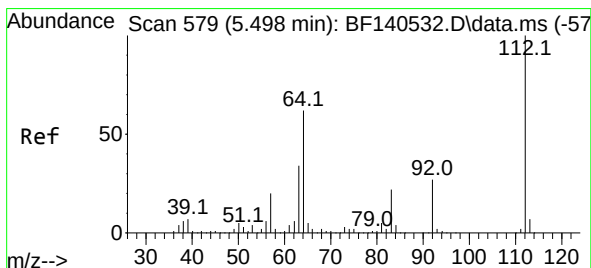
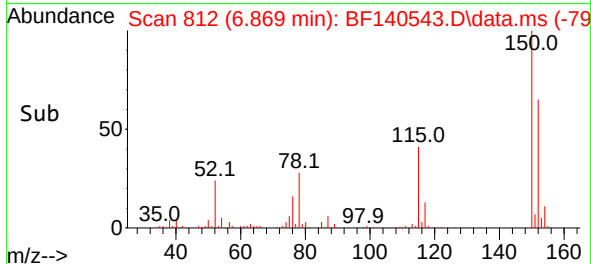
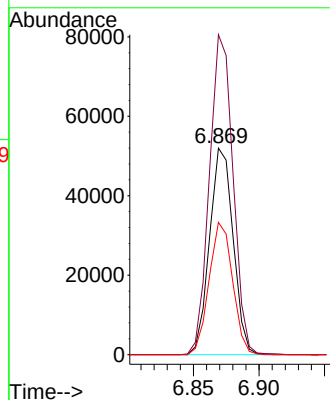
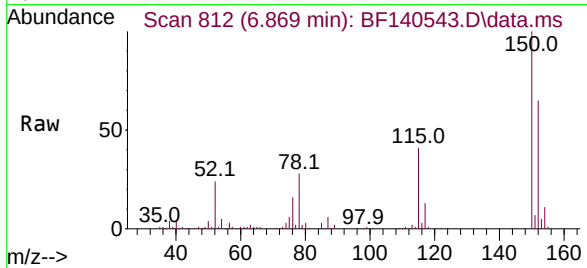




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140543.D
Acq: 21 Nov 2024 18:48

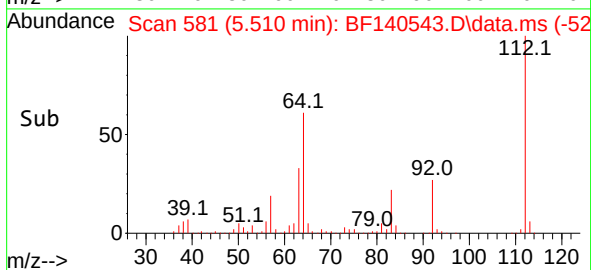
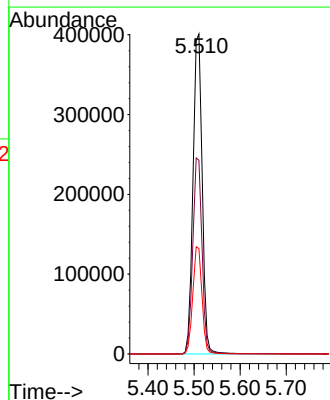
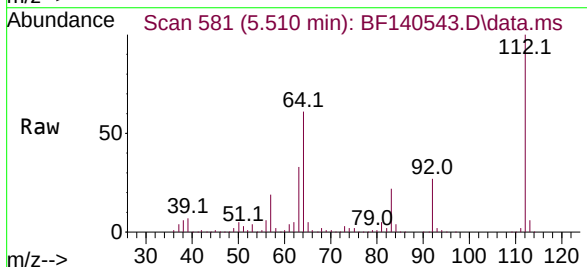
Instrument :
BNA_F
ClientSampleId :
TP-15

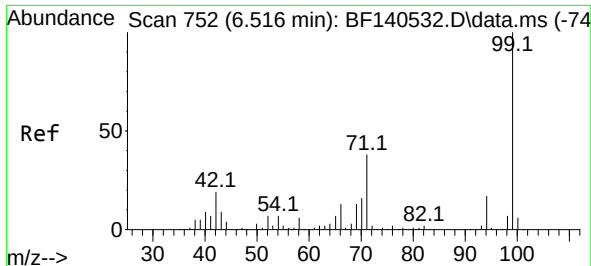
Tgt Ion:152 Resp: 65191
Ion Ratio Lower Upper
152 100
150 154.9 128.5 192.7
115 64.1 50.2 75.4



#5
2-Fluorophenol
Concen: 145.427 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140543.D
Acq: 21 Nov 2024 18:48

Tgt Ion:112 Resp: 555648
Ion Ratio Lower Upper
112 100
64 60.5 49.2 73.8
63 33.0 27.0 40.4

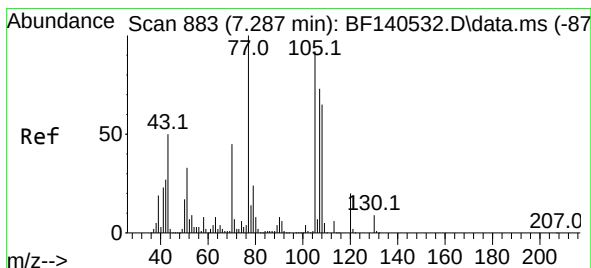
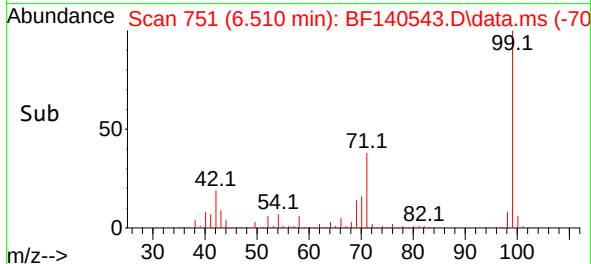
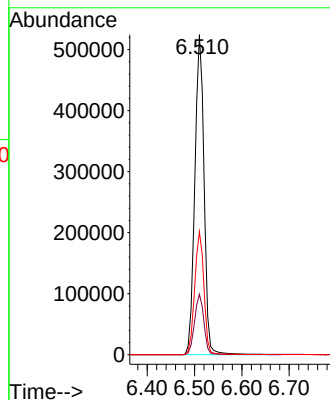
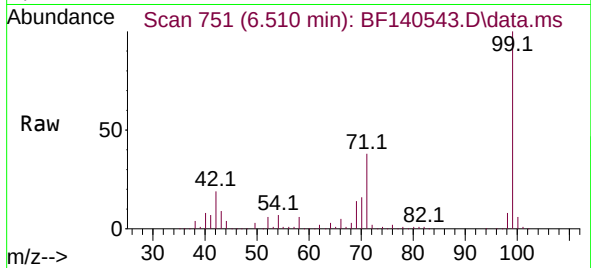




#7
Phenol-d6
Concen: 140.616 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140543.D
Acq: 21 Nov 2024 18:48

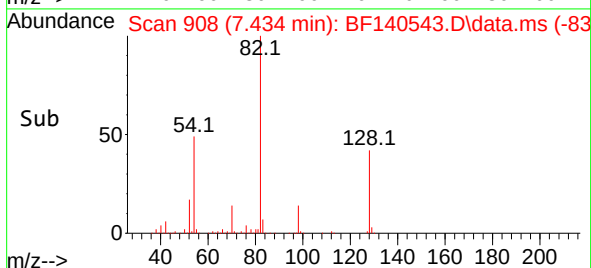
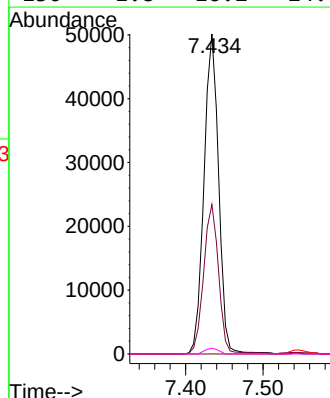
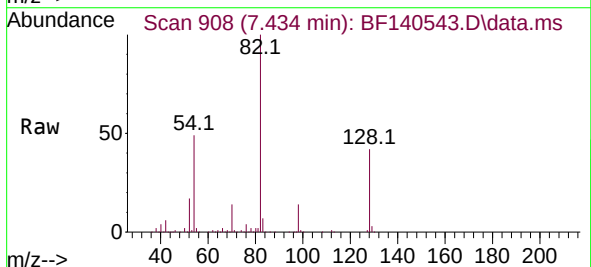
Instrument :
BNA_F
ClientSampleId :
TP-15

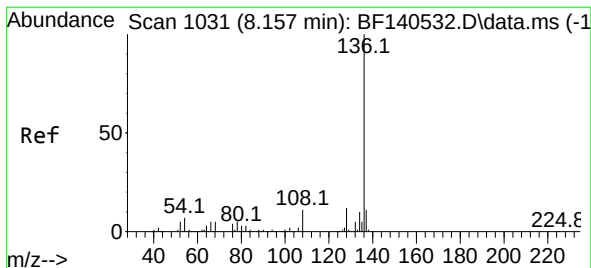
Tgt Ion: 99 Resp: 710279
Ion Ratio Lower Upper
99 100
42 18.9 15.4 23.0
71 38.5 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 22.041 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140543.D
Acq: 21 Nov 2024 18:48

Tgt Ion: 70 Resp: 65798
Ion Ratio Lower Upper
70 100
42 46.7 47.6 71.4#
101 0.0 7.6 11.4#
130 1.8 16.2 24.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF140543.D

Acq: 21 Nov 2024 18:48

Instrument :

BNA_F

ClientSampleId :

TP-15

Tgt Ion:136 Resp: 244818

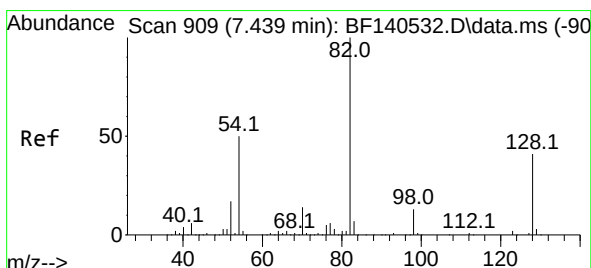
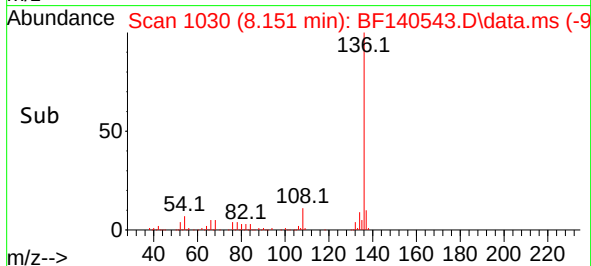
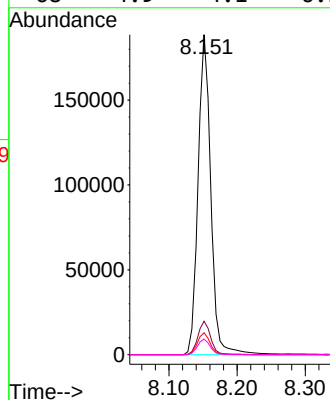
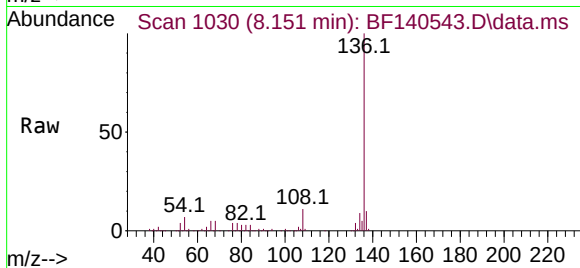
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 6.9 5.8 8.8

68 4.9 4.1 6.1



#23

Nitrobenzene-d5

Concen: 100.390 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF140543.D

Acq: 21 Nov 2024 18:48

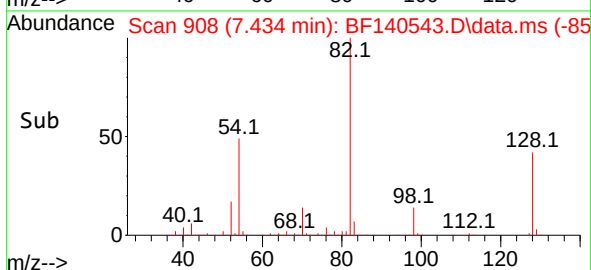
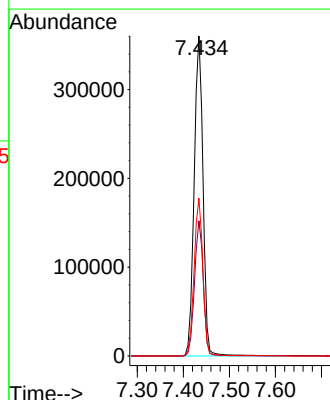
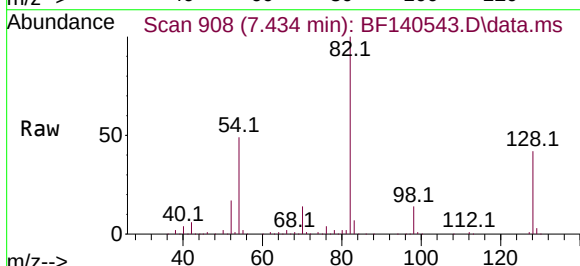
Tgt Ion: 82 Resp: 480493

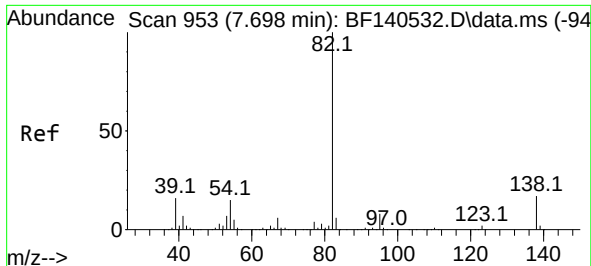
Ion Ratio Lower Upper

82 100

128 42.2 33.0 49.4

54 49.3 39.5 59.3

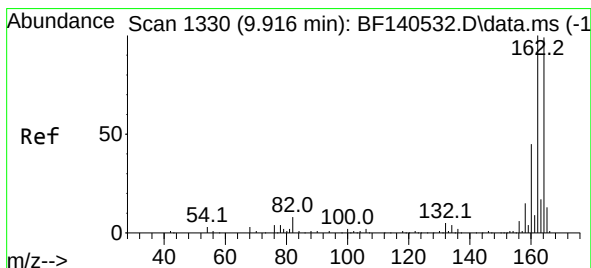
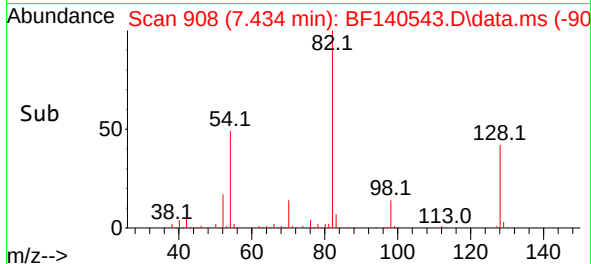
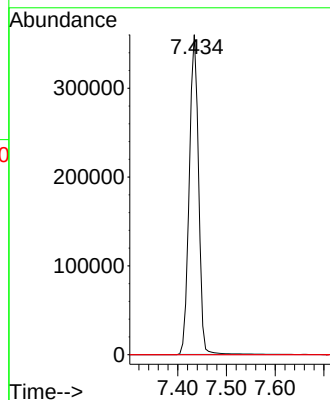
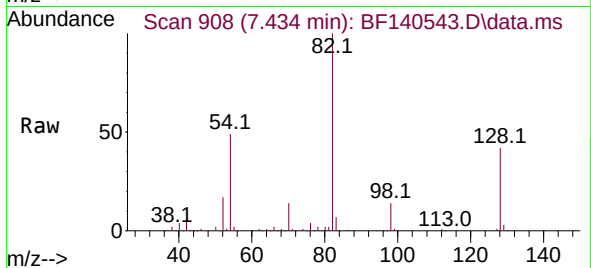




#25
Isophorone
Concen: 59.701 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140543.D
Acq: 21 Nov 2024 18:48

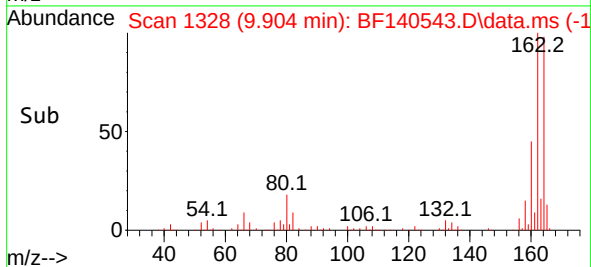
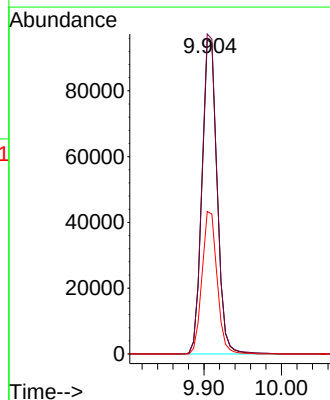
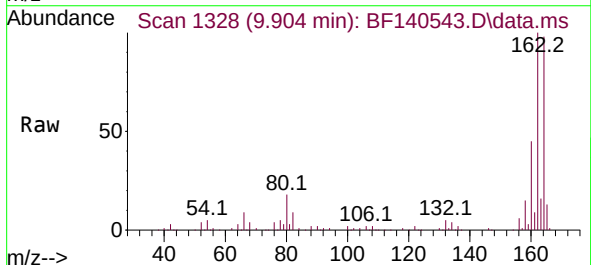
Instrument :
BNA_F
ClientSampleId :
TP-15

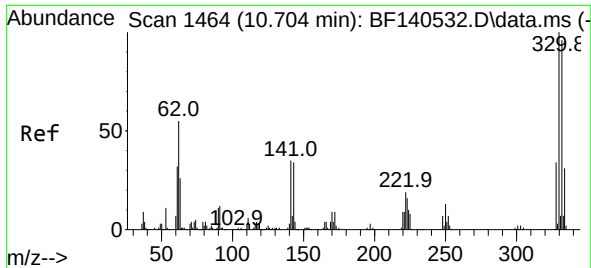
Tgt Ion: 82 Resp: 476601
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140543.D
Acq: 21 Nov 2024 18:48

Tgt Ion: 164 Resp: 129132
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 45.4 36.2 54.4

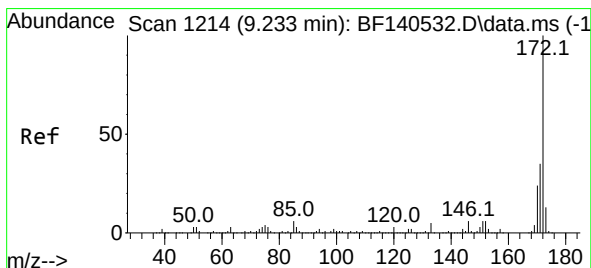
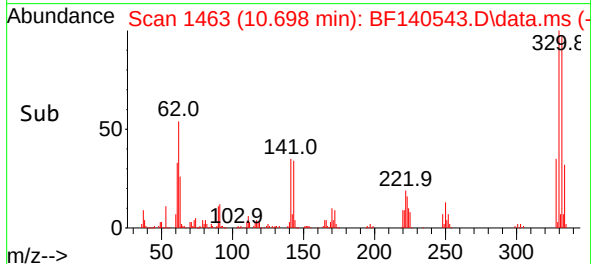
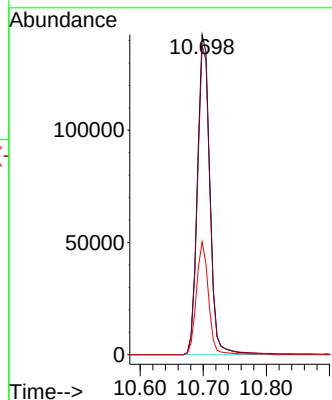
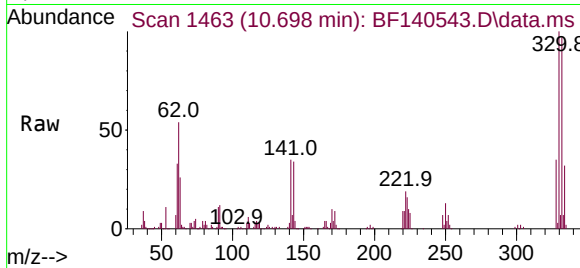




#42
 2,4,6-Tribromophenol
 Concen: 141.636 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF140543.D
 Acq: 21 Nov 2024 18:48

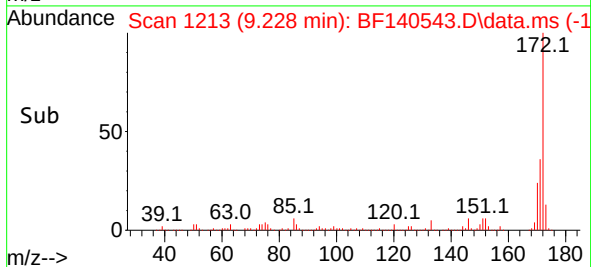
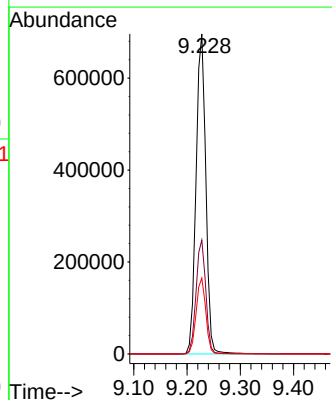
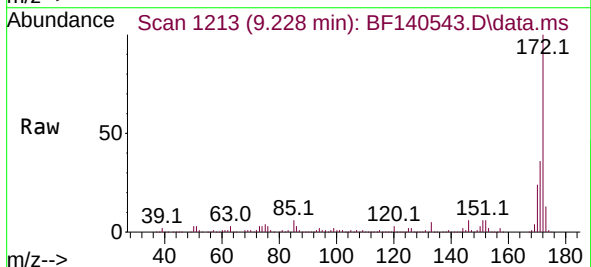
Instrument :
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 ClientSampleId :
 TP-15

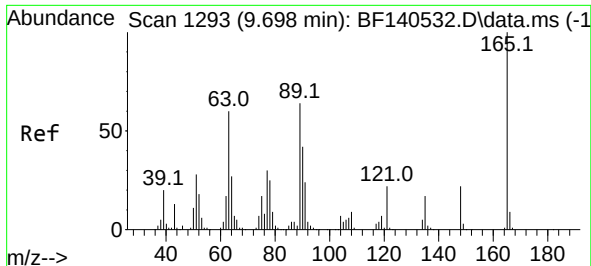
Tgt Ion:330 Resp: 195610
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.9 115.3
 141 34.3 26.7 40.1



#45
 2-Fluorobiphenyl
 Concen: 102.646 ng
 RT: 9.228 min Scan# 1213
 Delta R.T. -0.006 min
 Lab File: BF140543.D
 Acq: 21 Nov 2024 18:48

Tgt Ion:172 Resp: 889626
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.4 42.6
 170 23.7 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.922 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF140543.D

Acq: 21 Nov 2024 18:48

Instrument :

BNA_F

ClientSampleId :

TP-15

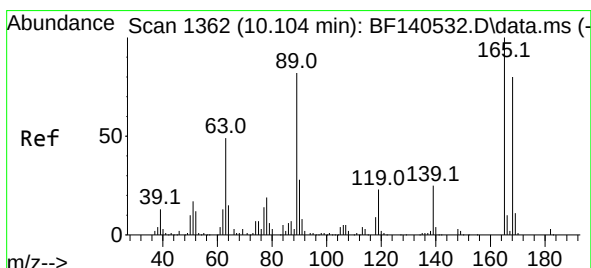
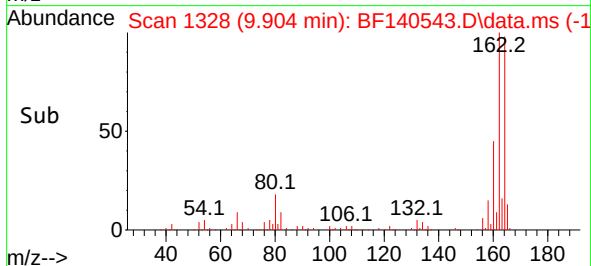
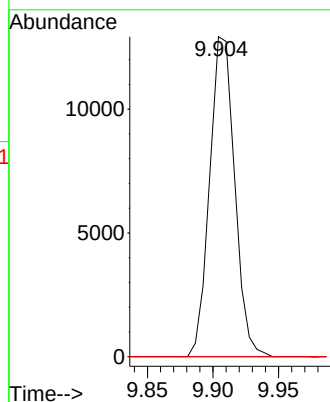
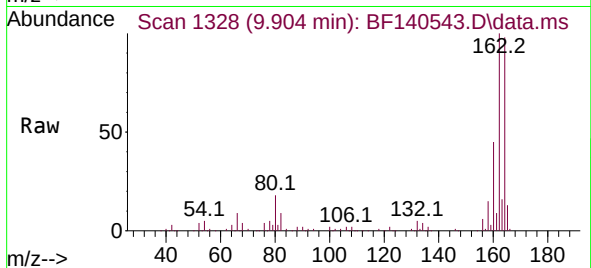
Tgt Ion:165 Resp: 17208

Ion Ratio Lower Upper

165 100

63 0.0 49.9 74.9#

89 0.0 50.9 76.3#



#57

2,4-Dinitrotoluene

Concen: 6.713 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140543.D

Acq: 21 Nov 2024 18:48

Tgt Ion:165 Resp: 17208

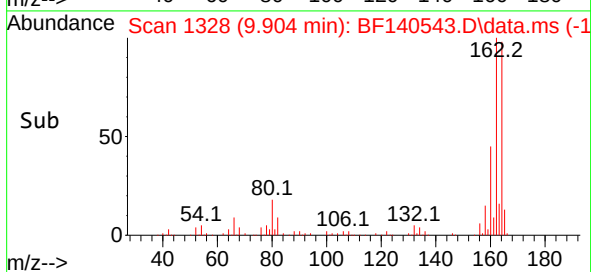
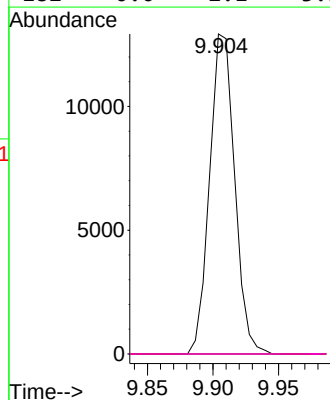
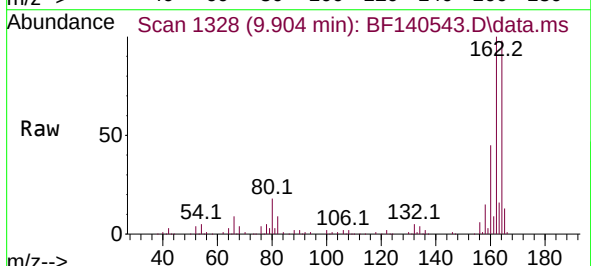
Ion Ratio Lower Upper

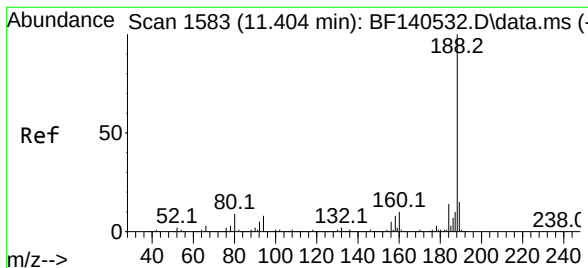
165 100

63 0.0 41.7 62.5#

89 0.0 65.8 98.8#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140543.D

Acq: 21 Nov 2024 18:48

Instrument :

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ClientSampleId :

TP-15

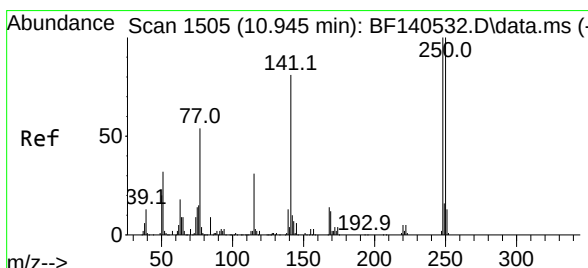
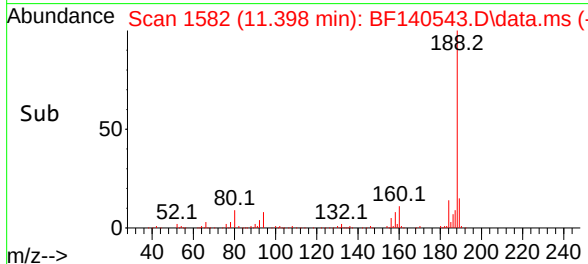
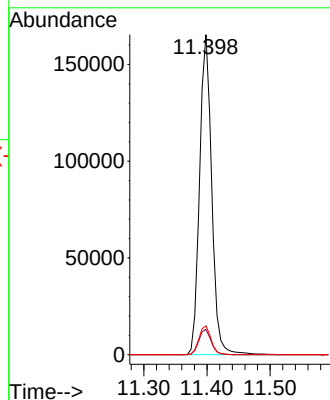
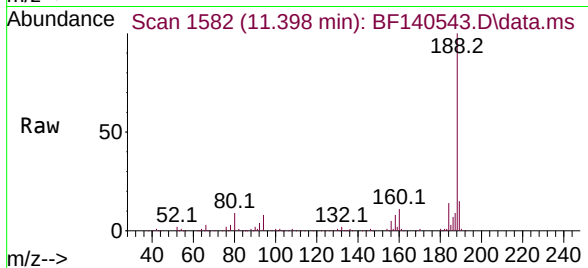
Tgt Ion:188 Resp: 219837

Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 9.0 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 5.724 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140543.D

Acq: 21 Nov 2024 18:48

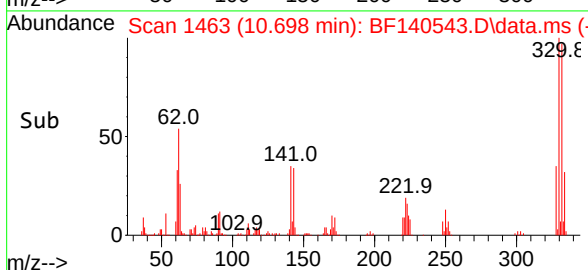
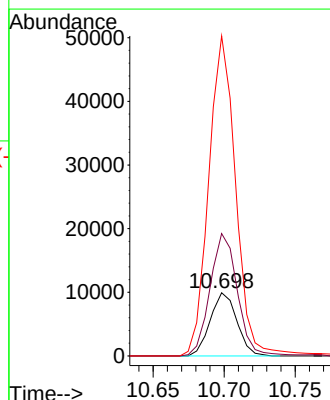
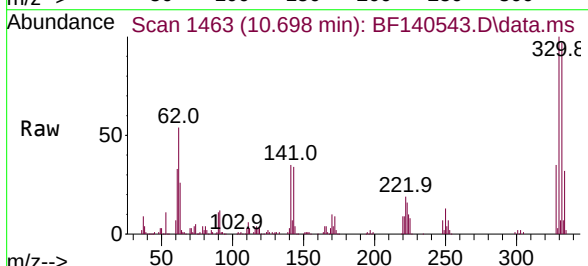
Tgt Ion:248 Resp: 12959

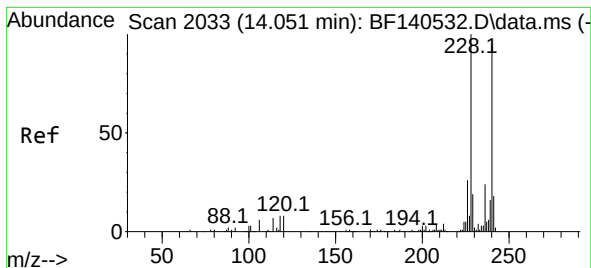
Ion Ratio Lower Upper

248 100

250 194.0 79.8 119.8#

141 506.9 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140543.D

Acq: 21 Nov 2024 18:48

Instrument :

BNA_F

ClientSampleId :

TP-15

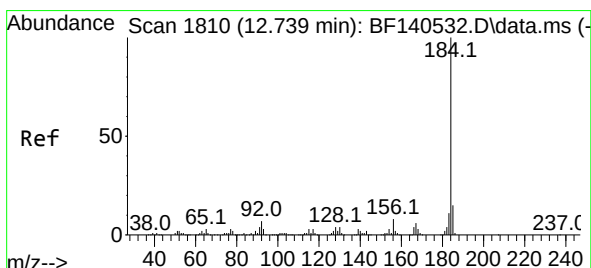
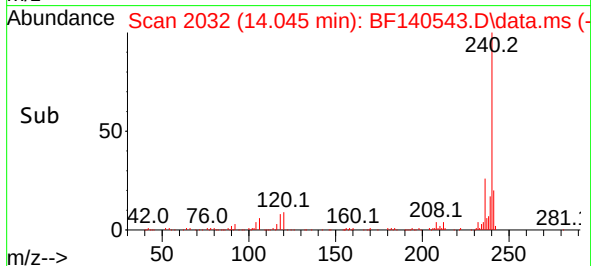
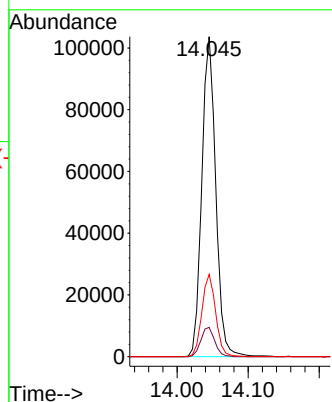
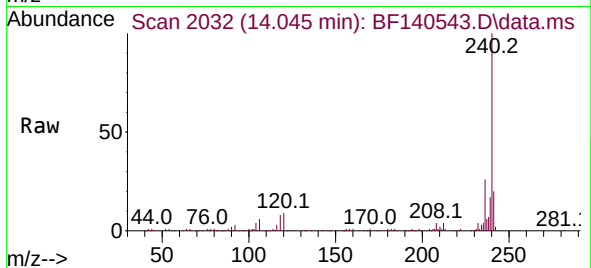
Tgt Ion:240 Resp: 141737

Ion Ratio Lower Upper

240 100

120 9.1 7.3 10.9

236 25.7 20.6 31.0



#77

Benzidine

Concen: 10.271 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF140543.D

Acq: 21 Nov 2024 18:48

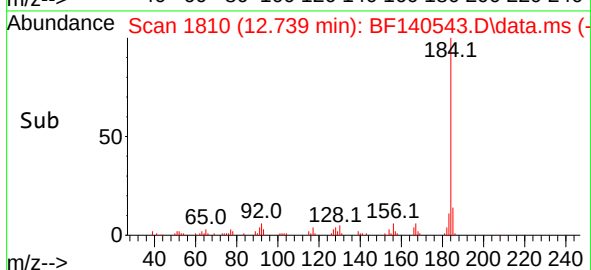
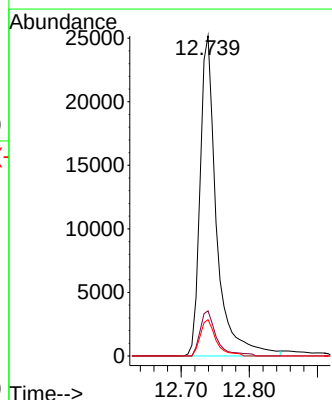
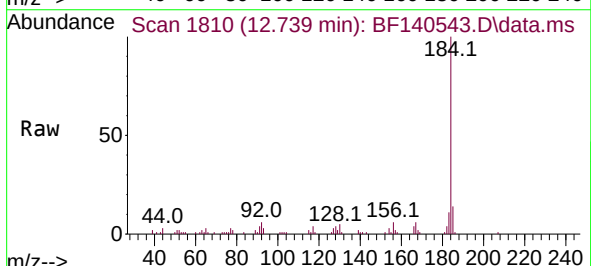
Tgt Ion:184 Resp: 42326

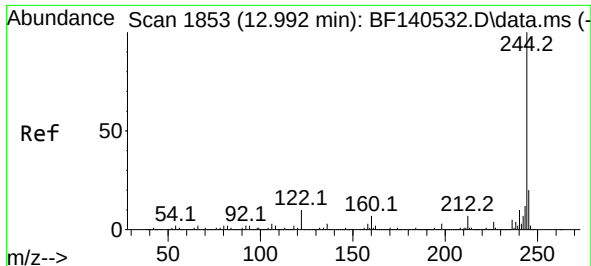
Ion Ratio Lower Upper

184 100

185 14.1 11.7 17.5

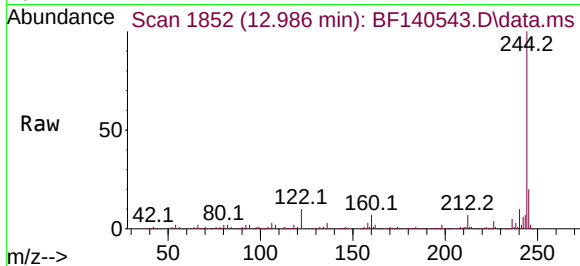
183 11.3 8.8 13.2



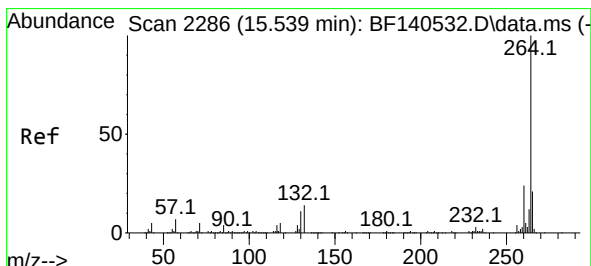
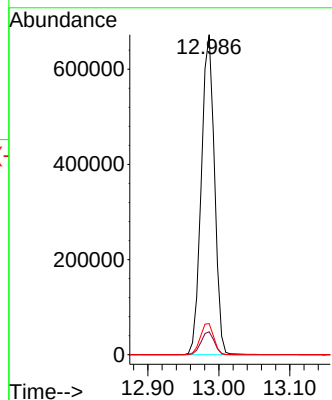
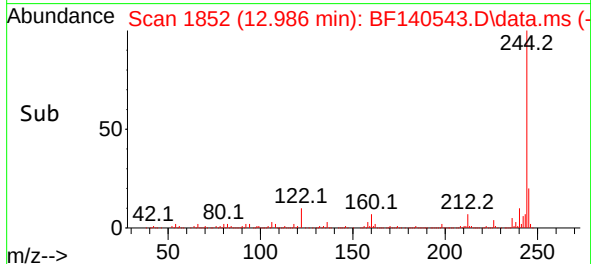


#79
 Terphenyl-d14
 Concen: 95.831 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF140543.D
 Acq: 21 Nov 2024 18:48

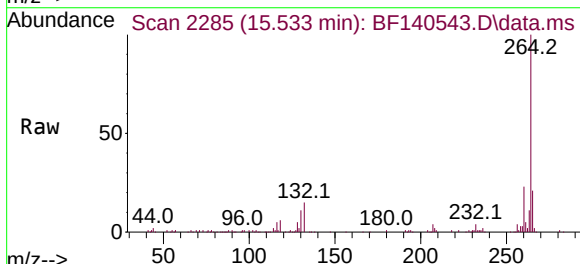
Instrument :
 BNA_F
 ClientSampleId :
 TP-15



Tgt Ion:244 Resp: 872295
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 9.7 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: BF140543.D
 Acq: 21 Nov 2024 18:48



Tgt Ion:264 Resp: 107747
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 21.0 16.6 25.0

