

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF140009.D
 Acq On : 24 Oct 2024 19:11
 Operator : RC/JU
 Sample : P4472-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-6

Quant Time: Oct 25 01:08:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

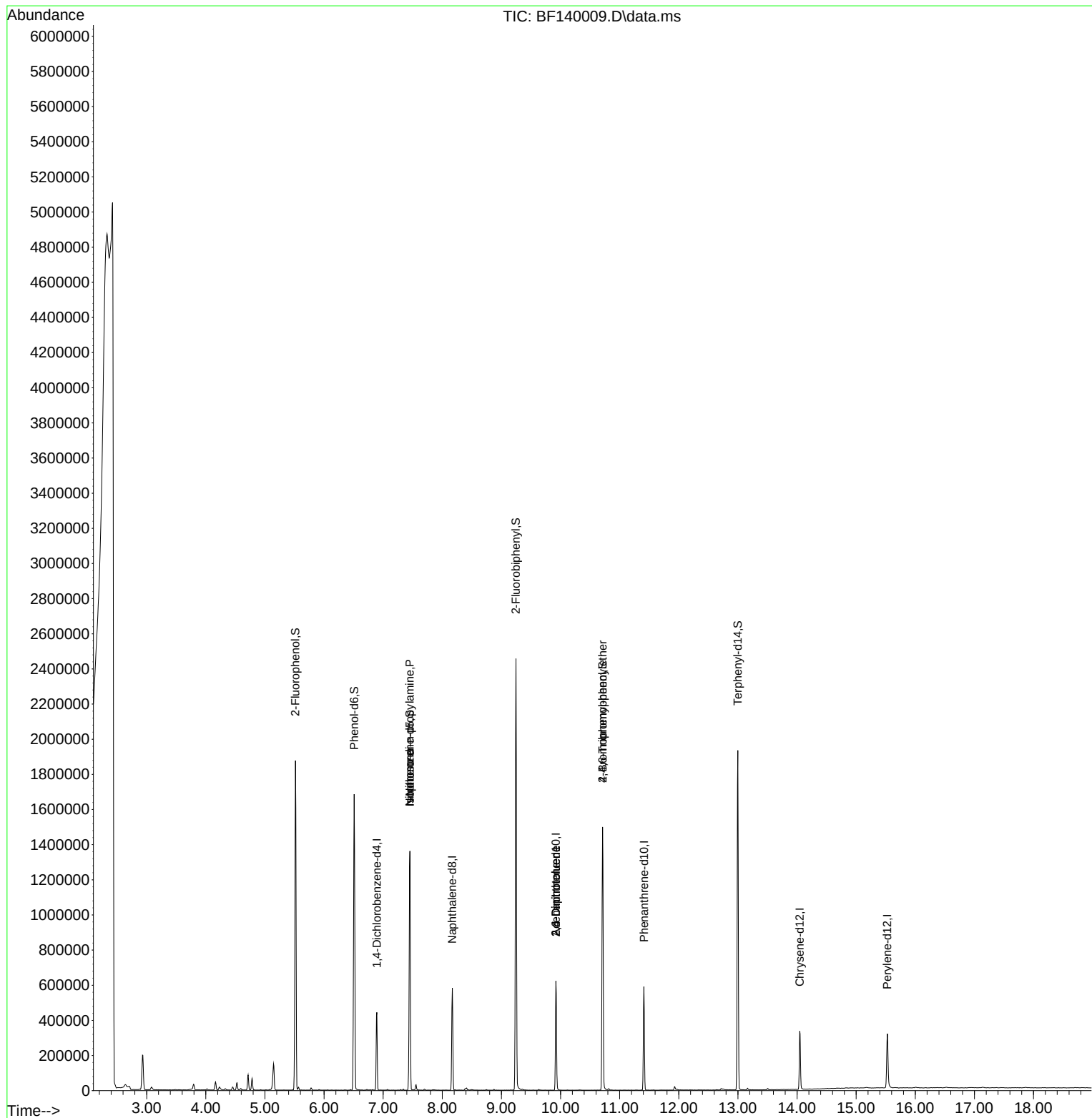
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	88507	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	342087	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	184966	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	304196	20.000	ng	0.00
76) Chrysene-d12	14.045	240	168351	20.000	ng	0.00
86) Perylene-d12	15.527	264	201242	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	684634	121.096	ng	0.02
7) Phenol-d6	6.510	99	791913	108.150	ng	0.00
23) Nitrobenzene-d5	7.451	82	617383	100.026	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	261744	151.287	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1102589	98.518	ng	0.00
79) Terphenyl-d14	12.998	244	969115	93.801	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	86047	19.376	ng	# 76
25) Isophorone	7.451	82	614569	52.461	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	23764	9.526	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	23764	7.747	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	17344	5.535	ng	# 1

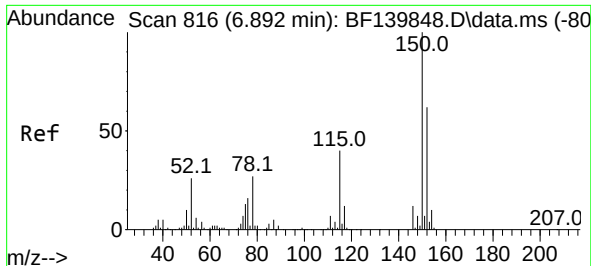
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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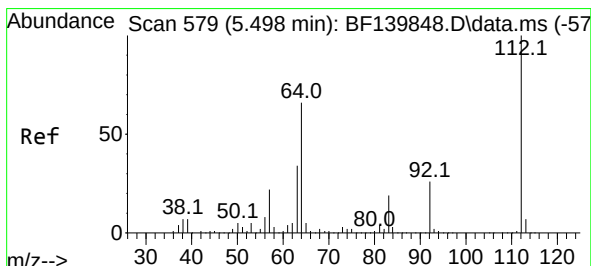
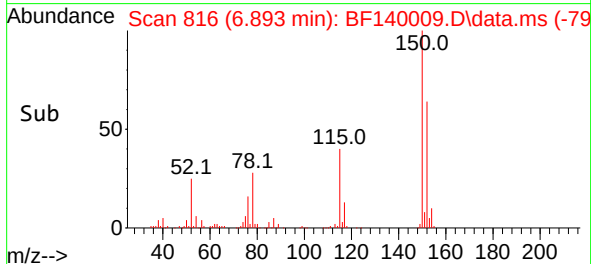
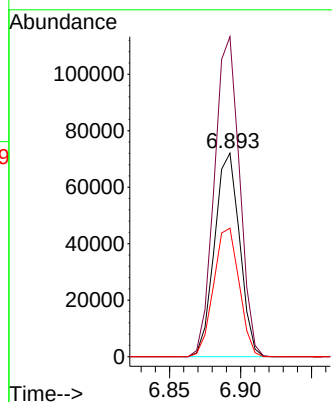
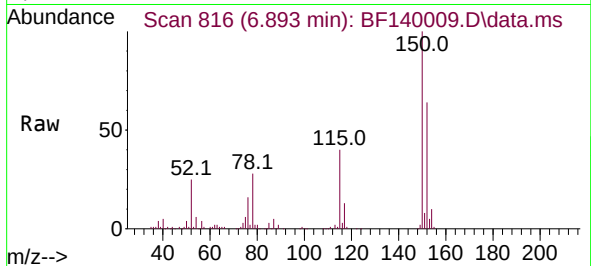




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF140009.D
Acq: 24 Oct 2024 19:11

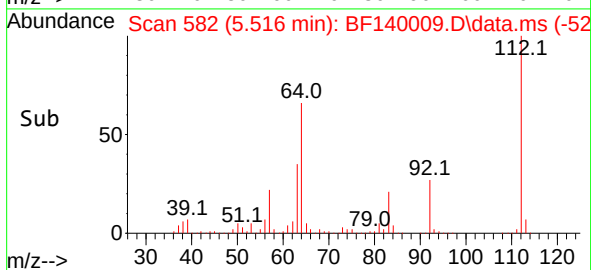
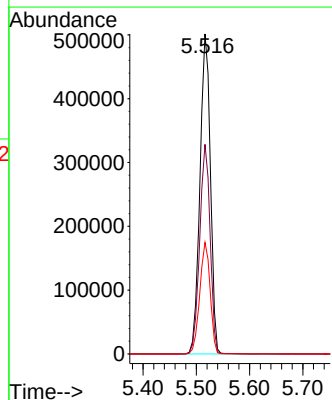
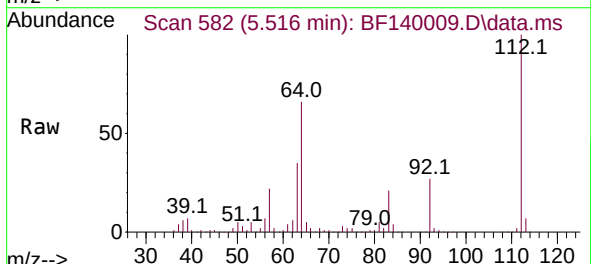
Instrument :
BNA_F
ClientSampleId :
BP-F-6

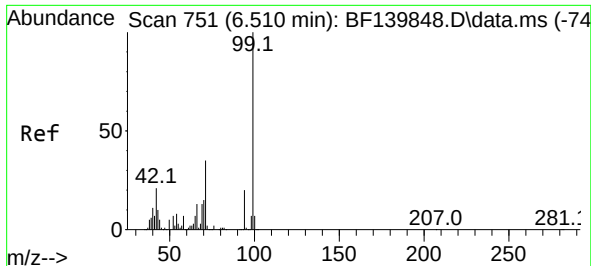
Tgt Ion:152 Resp: 88507
Ion Ratio Lower Upper
152 100
150 157.3 130.2 195.2
115 63.2 51.4 77.2



#5
2-Fluorophenol
Concen: 121.096 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140009.D
Acq: 24 Oct 2024 19:11

Tgt Ion:112 Resp: 684634
Ion Ratio Lower Upper
112 100
64 65.5 53.0 79.6
63 34.9 27.0 40.4

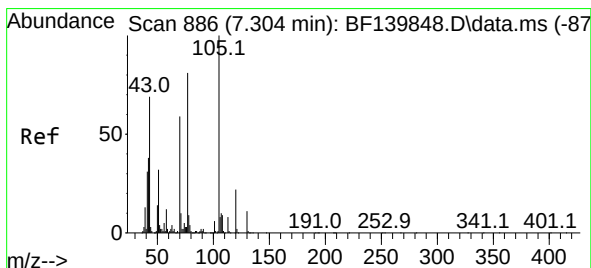
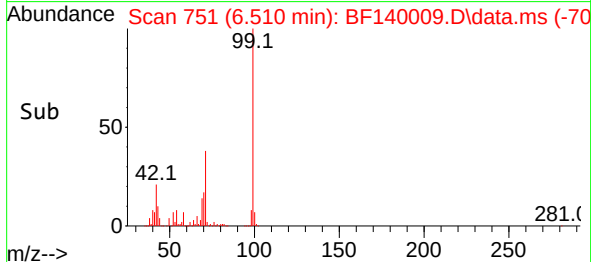
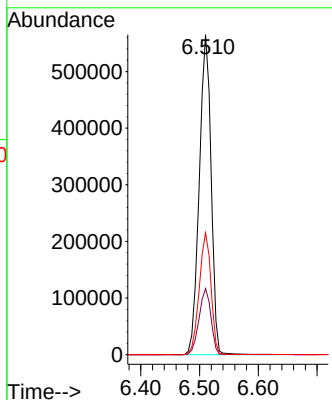
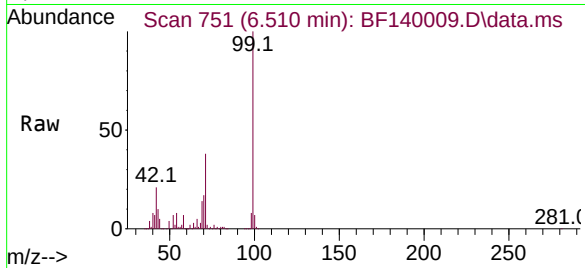




#7
Phenol-d6
Concen: 108.150 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140009.D
Acq: 24 Oct 2024 19:11

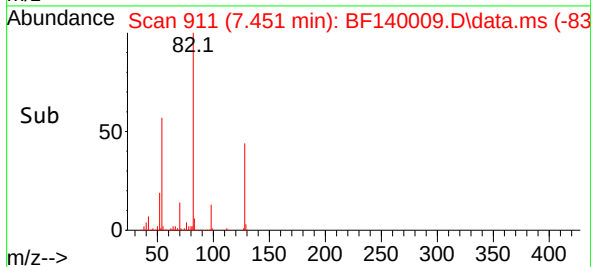
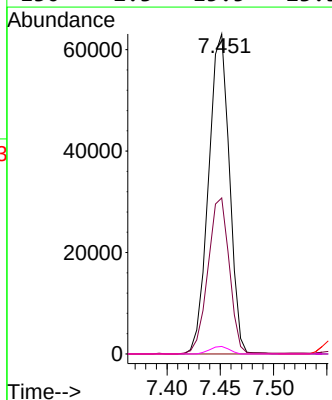
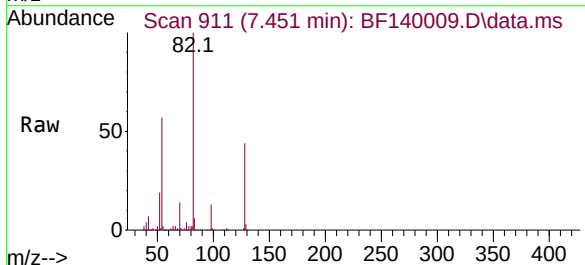
Instrument :
BNA_F
ClientSampleId :
BP-F-6

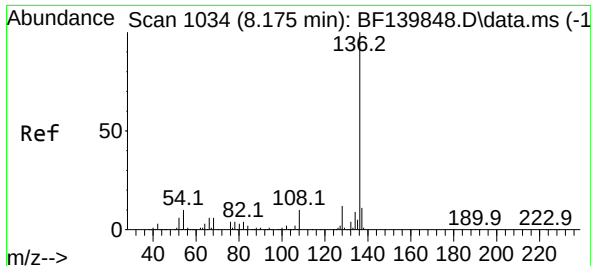
Tgt Ion: 99 Resp: 791913
Ion Ratio Lower Upper
99 100
42 20.7 16.7 25.1
71 38.1 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.376 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF140009.D
Acq: 24 Oct 2024 19:11

Tgt Ion: 70 Resp: 86047
Ion Ratio Lower Upper
70 100
42 48.7 51.5 77.3#
101 0.0 7.5 11.3#
130 2.3 15.5 23.3#



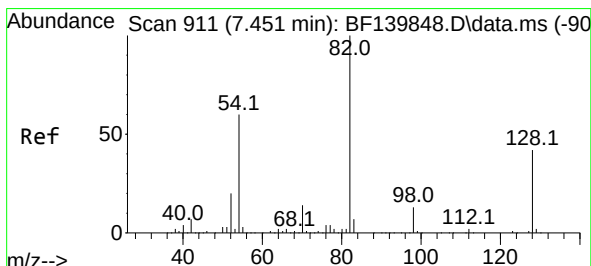
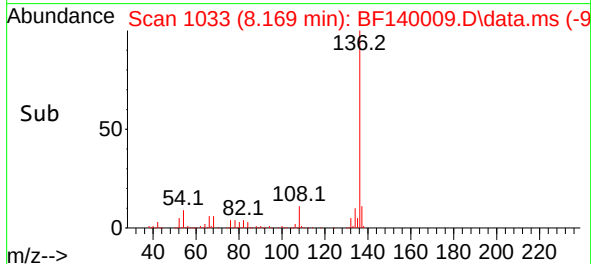
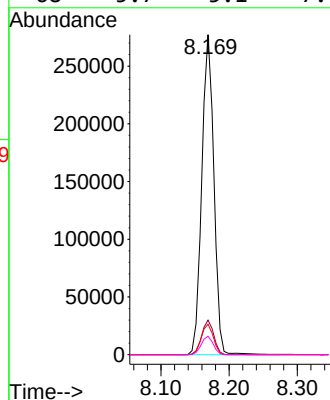
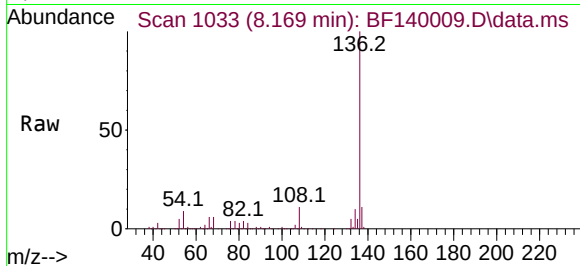


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140009.D
Acq: 24 Oct 2024 19:11

Instrument :
BNA_F
ClientSampleId :
BP-F-6

Tgt Ion:136 Resp: 342087

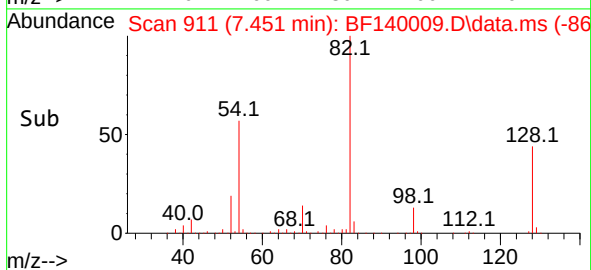
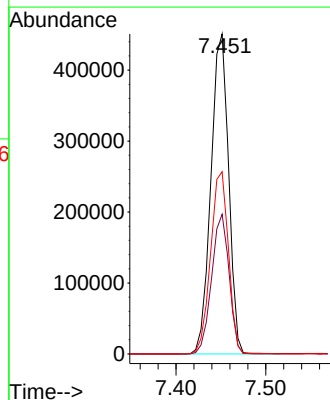
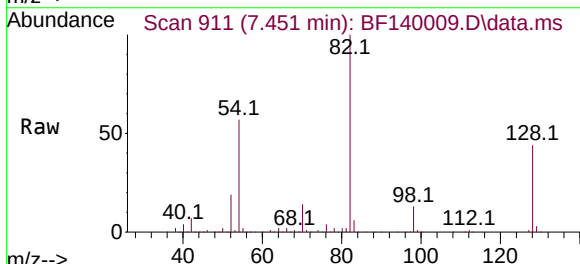
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.5	8.4	12.6
68	5.7	5.1	7.7

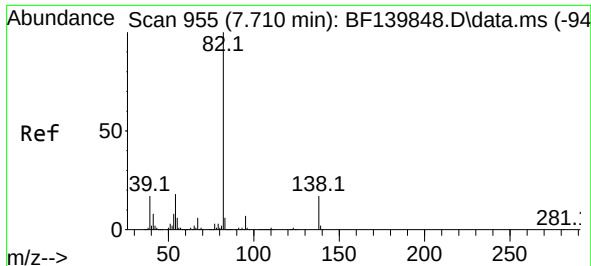


#23
Nitrobenzene-d5
Concen: 100.026 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140009.D
Acq: 24 Oct 2024 19:11

Tgt Ion: 82 Resp: 617383

Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.4	50.0
54	56.9	47.8	71.8

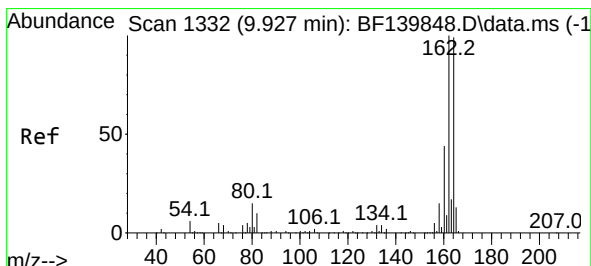
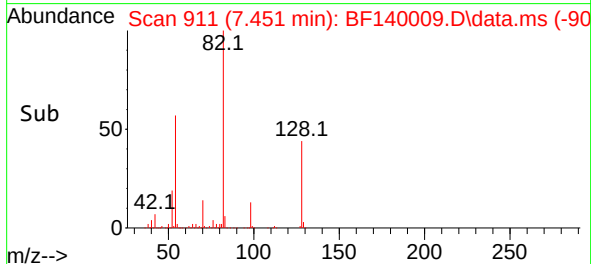
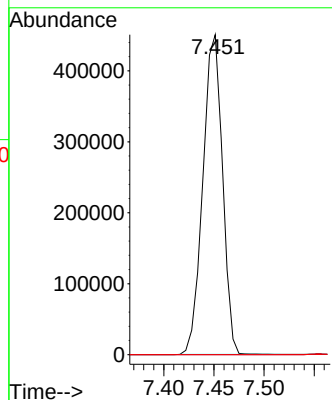
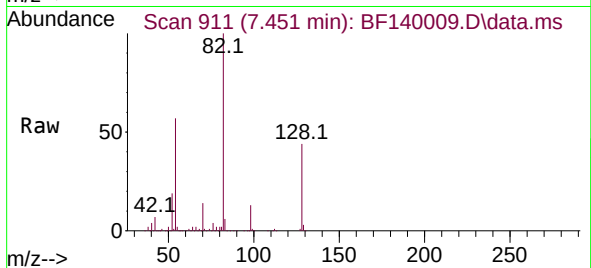




#25
Isophorone
Concen: 52.461 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF140009.D
Acq: 24 Oct 2024 19:11

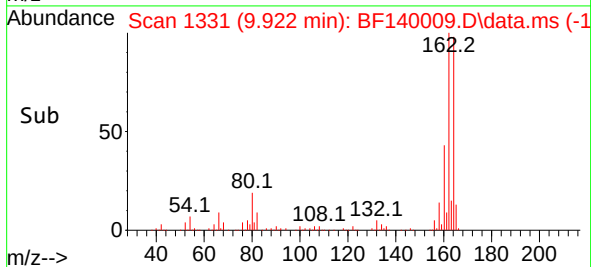
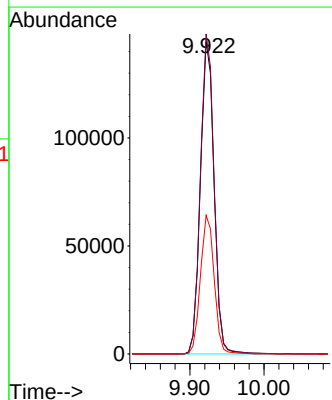
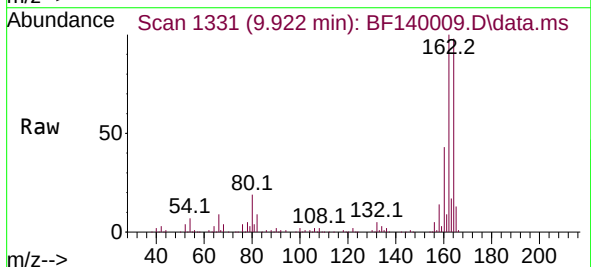
Instrument :
BNA_F
ClientSampleId :
BP-F-6

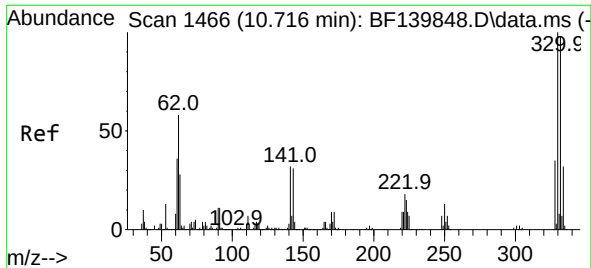
Tgt Ion: 82 Resp: 614569
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140009.D
Acq: 24 Oct 2024 19:11

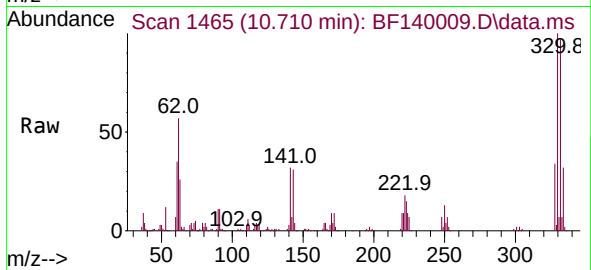
Tgt Ion:164 Resp: 184966
Ion Ratio Lower Upper
164 100
162 102.3 81.0 121.4
160 44.3 35.4 53.0



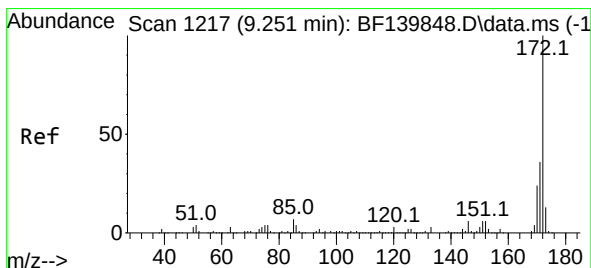
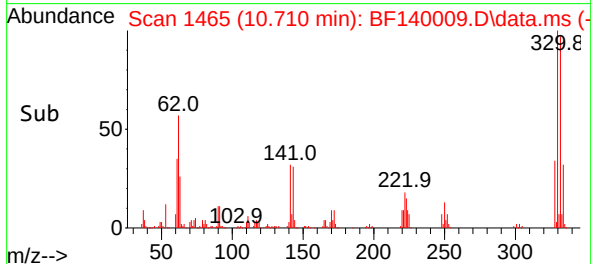
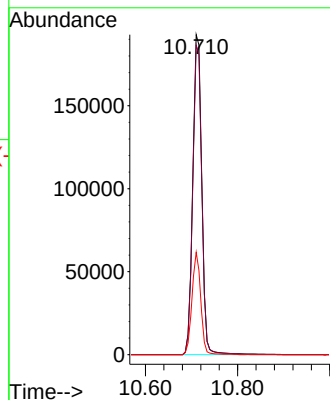


#42
2,4,6-Tribromophenol
Concen: 151.287 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140009.D
Acq: 24 Oct 2024 19:11

Instrument :
BNA_F
ClientSampleId :
BP-F-6

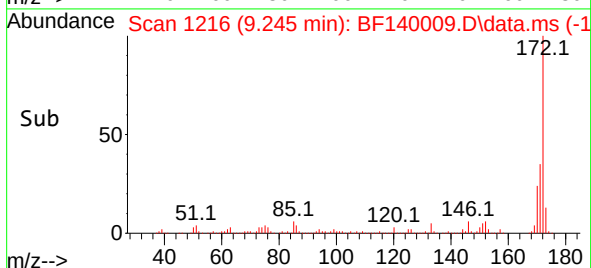
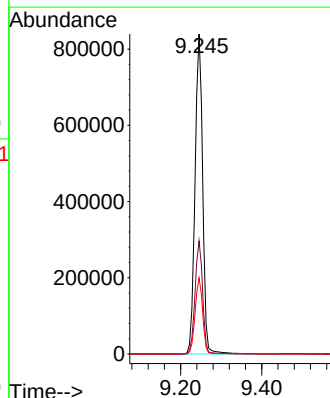
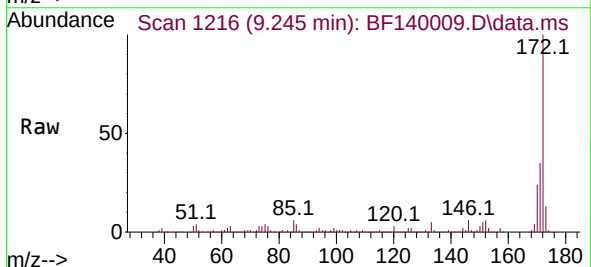


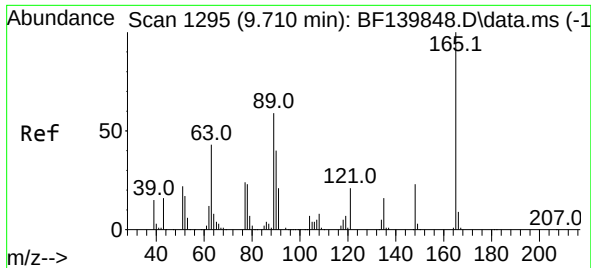
Tgt Ion:330 Resp: 261744
Ion Ratio Lower Upper
330 100
332 96.8 78.1 117.1
141 31.1 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 98.518 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140009.D
Acq: 24 Oct 2024 19:11

Tgt Ion:172 Resp: 1102589
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.7 19.1 28.7

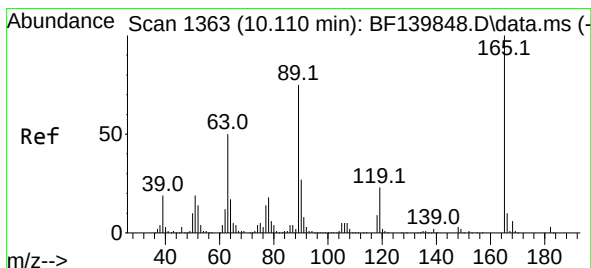
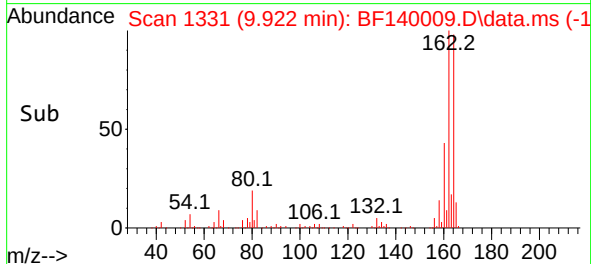
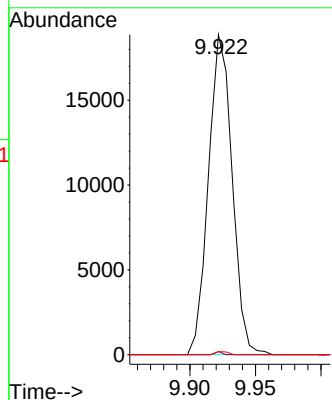
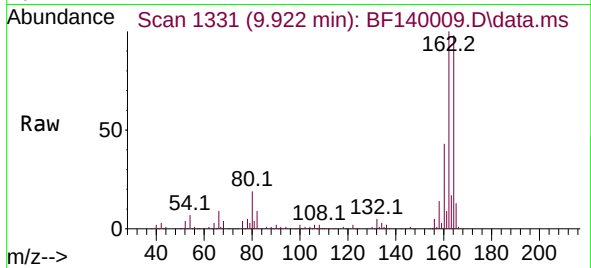




#51
2,6-Dinitrotoluene
Concen: 9.526 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140009.D
Acq: 24 Oct 2024 19:11

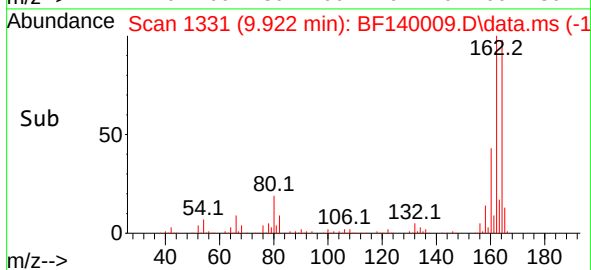
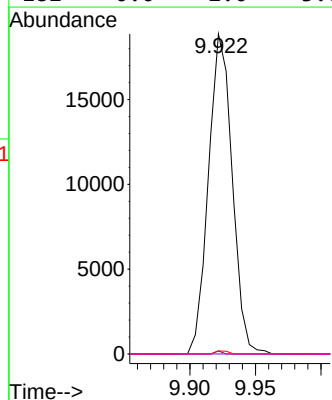
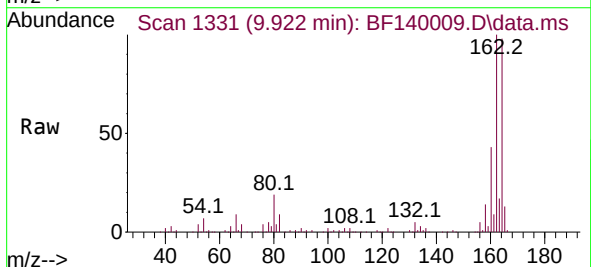
Instrument :
BNA_F
ClientSampleId :
BP-F-6

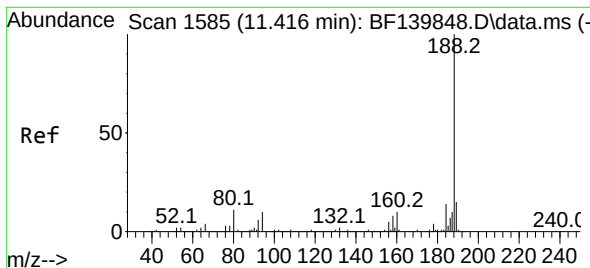
Tgt Ion:165 Resp: 23764
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.0 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.747 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140009.D
Acq: 24 Oct 2024 19:11

Tgt Ion:165 Resp: 23764
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 1.0 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140009.D

Acq: 24 Oct 2024 19:11

Instrument :

BNA_F

ClientSampleId :

BP-F-6

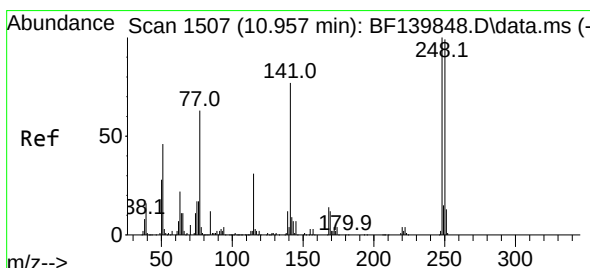
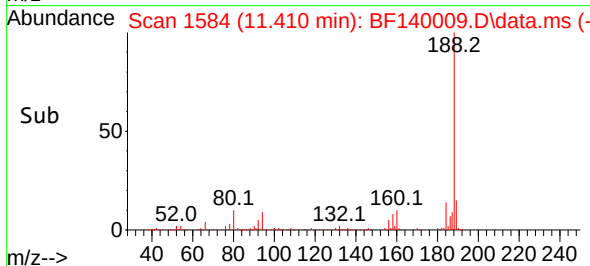
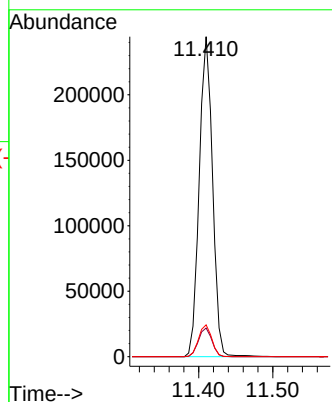
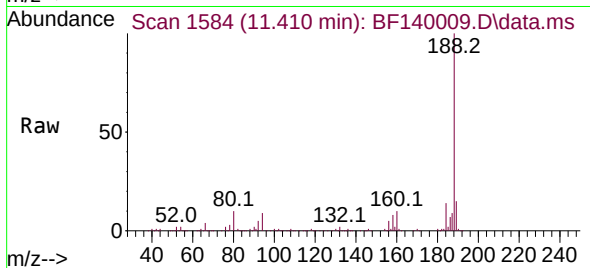
Tgt Ion:188 Resp: 304196

Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

80 9.9 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.535 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF140009.D

Acq: 24 Oct 2024 19:11

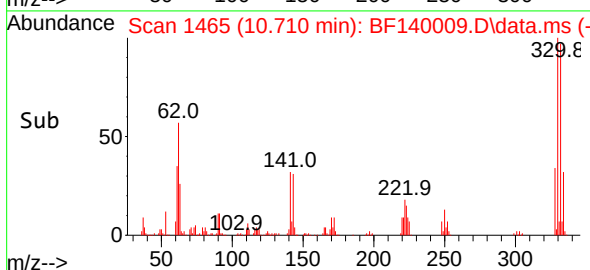
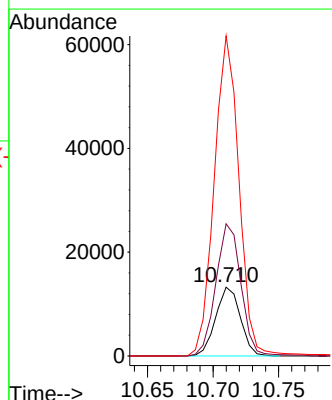
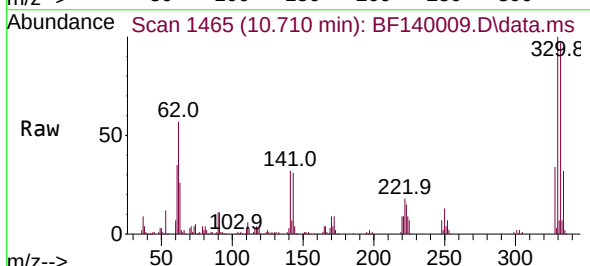
Tgt Ion:248 Resp: 17344

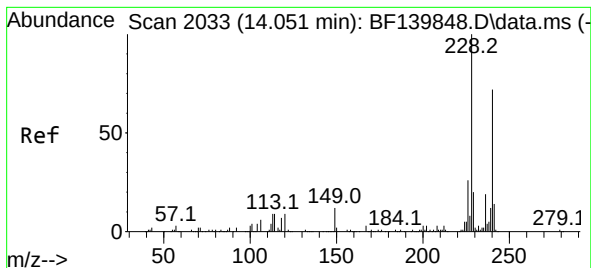
Ion Ratio Lower Upper

248 100

250 192.0 79.0 118.6#

141 465.1 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF140009.D

Acq: 24 Oct 2024 19:11

Instrument :

BNA_F

ClientSampleId :

BP-F-6

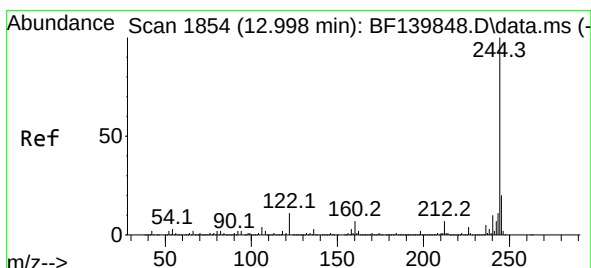
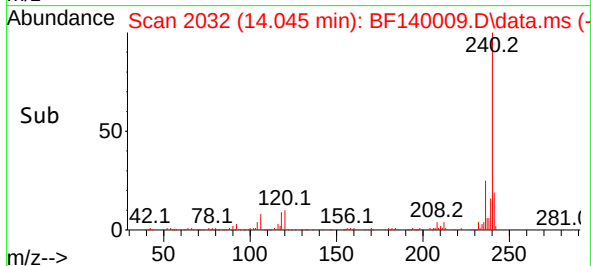
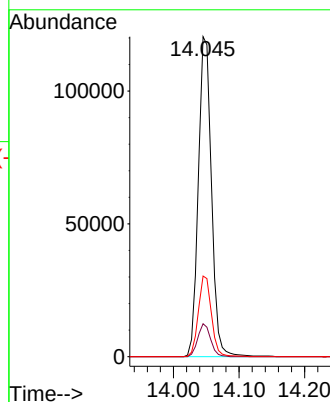
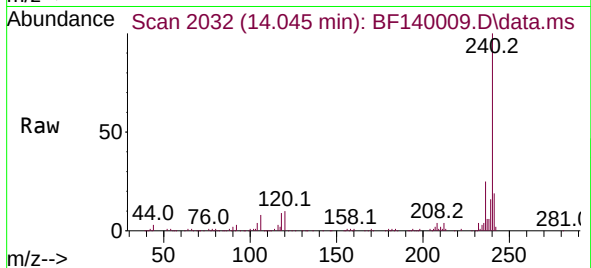
Tgt Ion:240 Resp: 168351

Ion Ratio Lower Upper

240 100

120 10.3 9.4 14.2

236 25.2 20.9 31.3



#79

Terphenyl-d14

Concen: 93.801 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140009.D

Acq: 24 Oct 2024 19:11

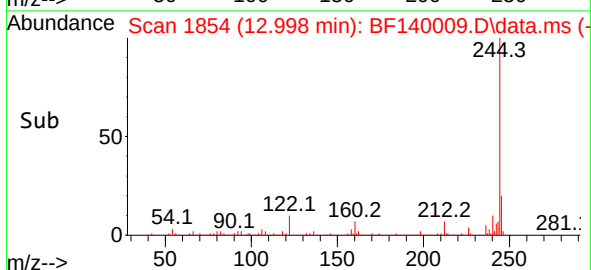
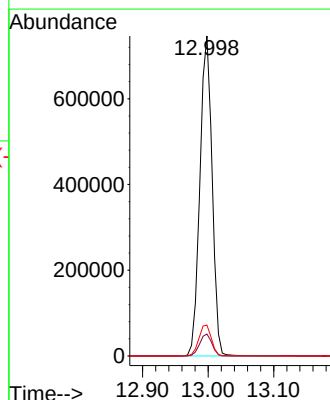
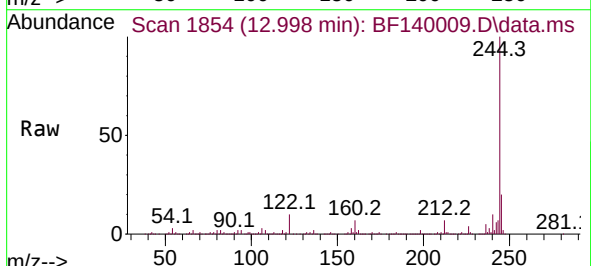
Tgt Ion:244 Resp: 969115

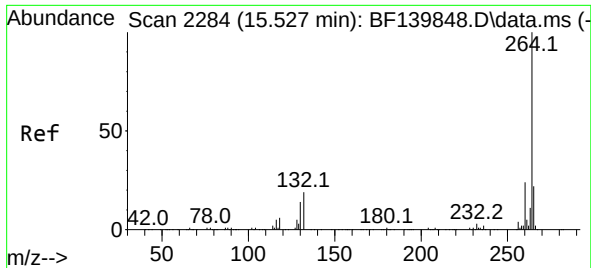
Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

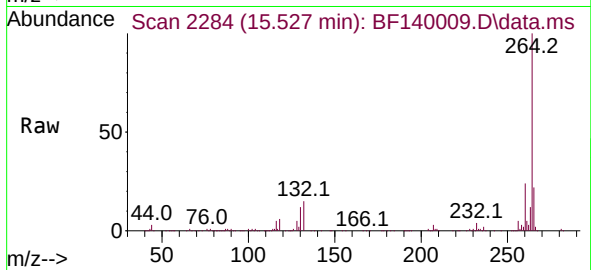
122 9.7 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140009.D
Acq: 24 Oct 2024 19:11

Instrument :
BNA_F
ClientSampleId :
BP-F-6



Tgt Ion:264	Resp:	201242	
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.5	17.4	26.0

