

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140126.D
 Acq On : 29 Oct 2024 21:39
 Operator : RC/JU
 Sample : P4561-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-19

Quant Time: Oct 30 01:05:02 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)

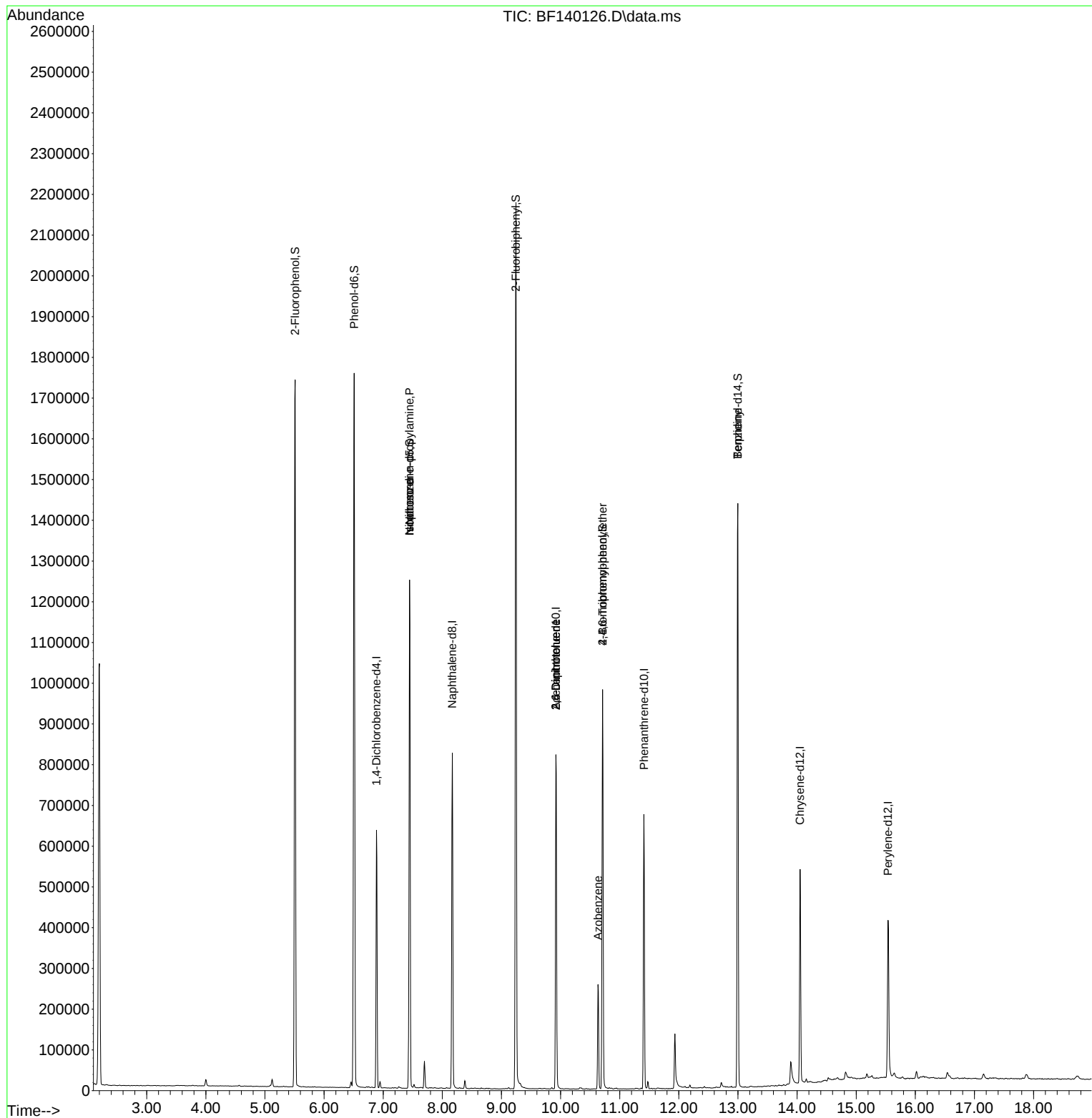
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	124374	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	486569	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	249649	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	350468	20.000	ng	0.00
76) Chrysene-d12	14.051	240	248754	20.000	ng	0.00
86) Perylene-d12	15.539	264	237714	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	647876	81.548	ng	0.01
7) Phenol-d6	6.510	99	832517	80.908	ng	0.00
23) Nitrobenzene-d5	7.445	82	554453	63.156	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	160280	68.638	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	992368	65.696	ng	0.00
79) Terphenyl-d14	12.998	244	721383	47.255	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.445	70	73969	11.853	ng	# 78
25) Isophorone	7.445	82	550166	33.018	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	31842	9.457	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	31842	7.691	ng	# 21
63) Azobenzene	10.633	77	65800	4.065	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	10692	2.961	ng	# 1
77) Benzidine	12.998	184	9227	2.256	ng	# 94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
Data File : BF140126.D
Acq On : 29 Oct 2024 21:39
Operator : RC/JU
Sample : P4561-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F-19

Quant Time: Oct 30 01:05:02 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

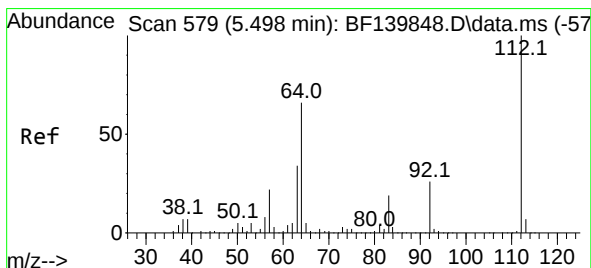
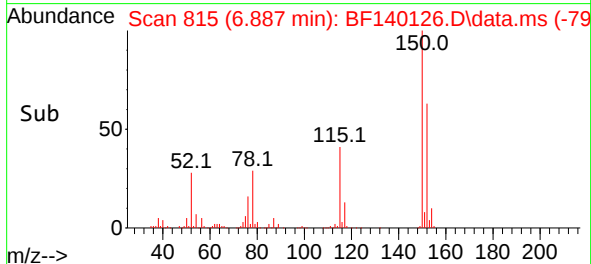
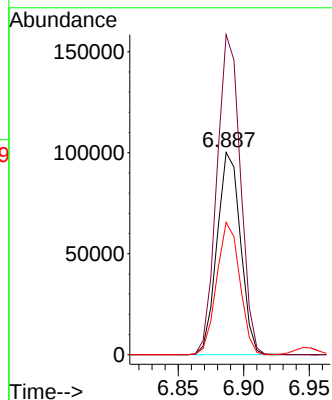
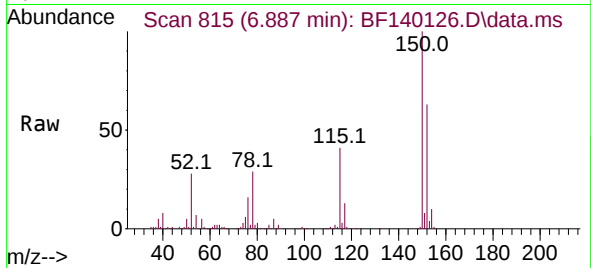




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140126.D
Acq: 29 Oct 2024 21:39

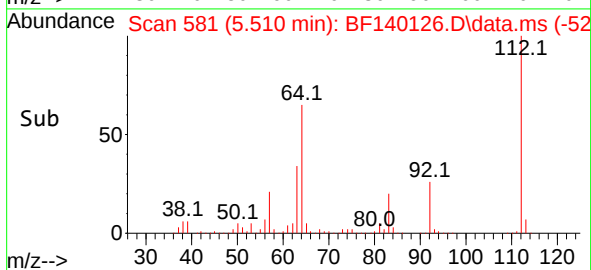
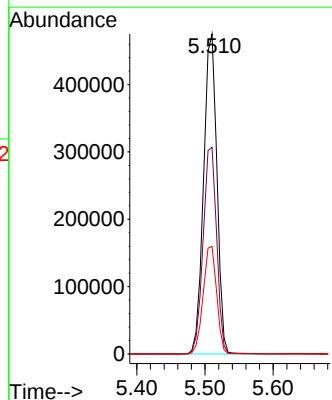
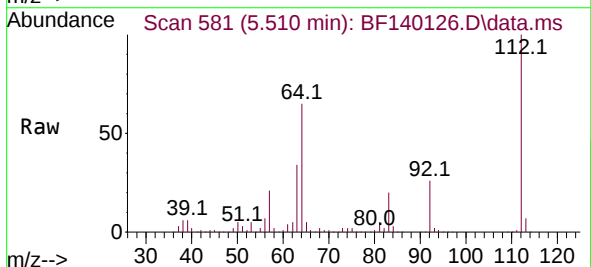
Instrument :
BNA_F
ClientSampleId :
BP-F-19

Tgt Ion:152 Resp: 124374
Ion Ratio Lower Upper
152 100
150 158.2 130.2 195.2
115 65.4 51.4 77.2



#5
2-Fluorophenol
Concen: 81.548 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140126.D
Acq: 29 Oct 2024 21:39

Tgt Ion:112 Resp: 647876
Ion Ratio Lower Upper
112 100
64 64.6 53.0 79.6
63 33.6 27.0 40.4

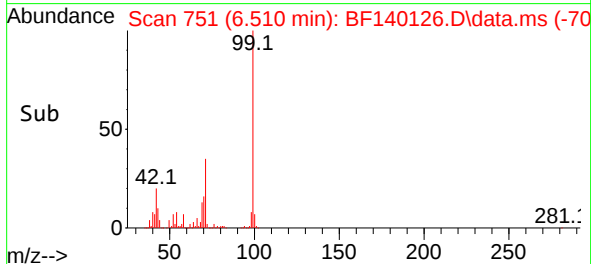
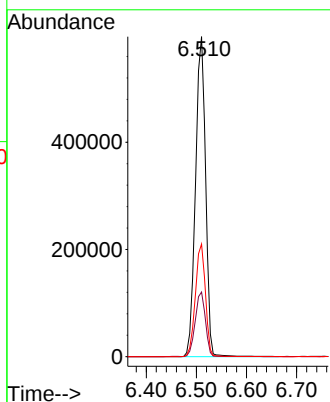
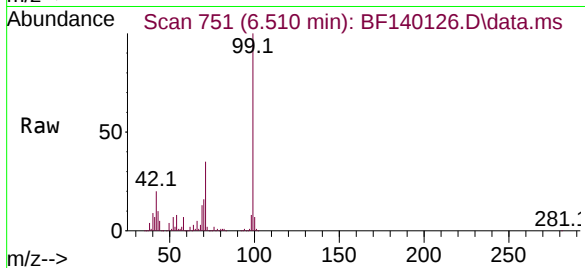




#7
Phenol-d6
Concen: 80.908 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140126.D
Acq: 29 Oct 2024 21:39

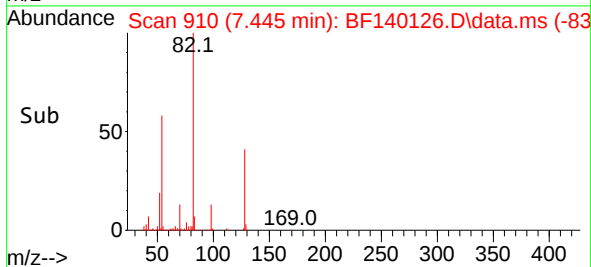
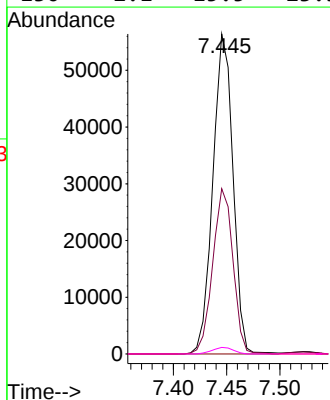
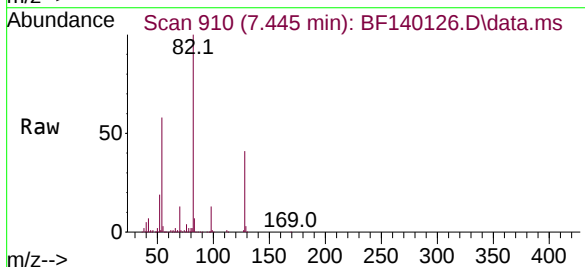
Instrument :
BNA_F
ClientSampleId :
BP-F-19

Tgt Ion: 99 Resp: 832517
Ion Ratio Lower Upper
99 100
42 20.2 16.7 25.1
71 35.2 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.853 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140126.D
Acq: 29 Oct 2024 21:39

Tgt Ion: 70 Resp: 73969
Ion Ratio Lower Upper
70 100
42 51.7 51.5 77.3
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#

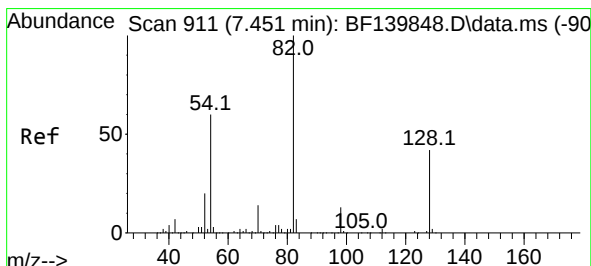
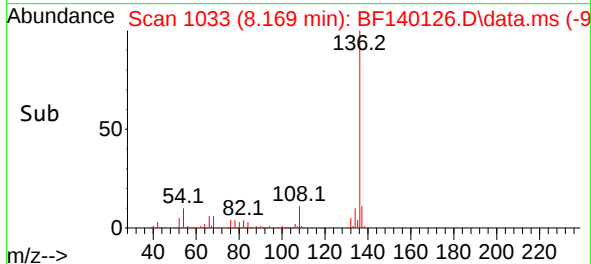
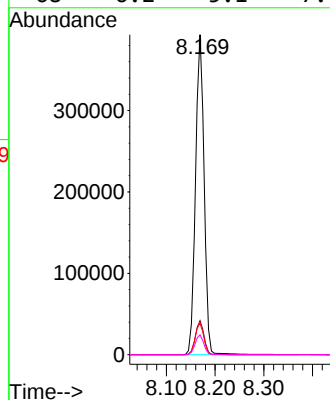
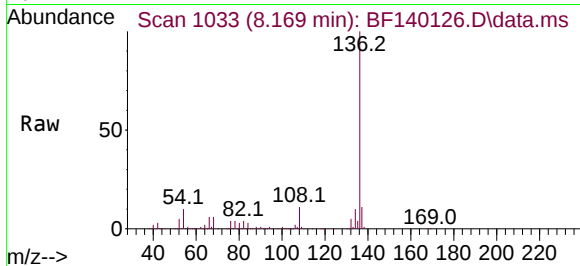




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140126.D
Acq: 29 Oct 2024 21:39

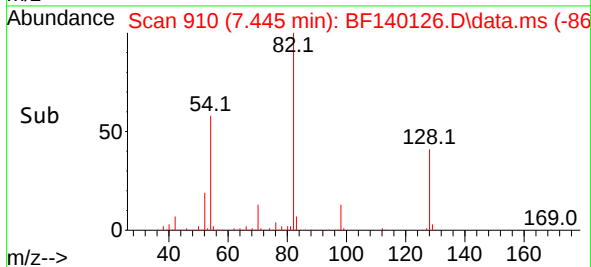
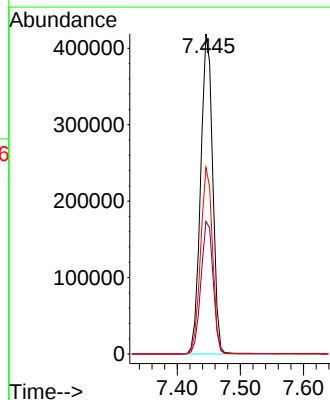
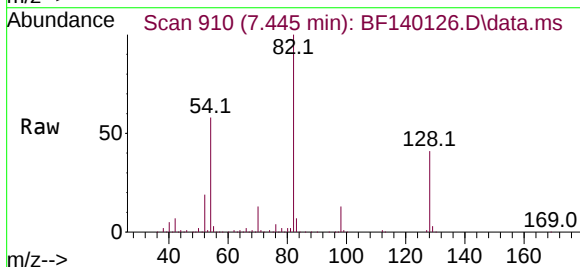
Instrument :
BNA_F
ClientSampleId :
BP-F-19

Tgt Ion:	136	Resp:	486569
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	9.9	8.4	12.6
68	6.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 63.156 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140126.D
Acq: 29 Oct 2024 21:39

Tgt Ion:	82	Resp:	554453
Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.4	50.0
54	58.3	47.8	71.8

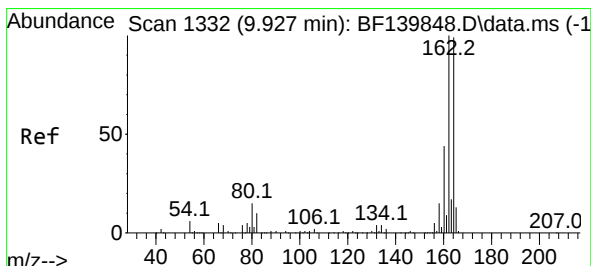
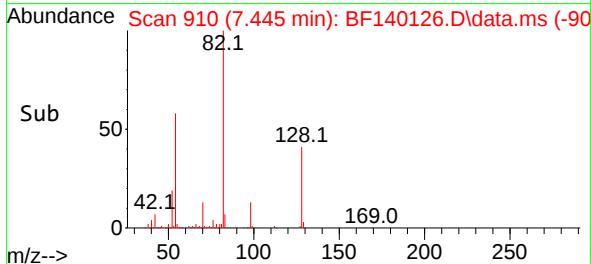
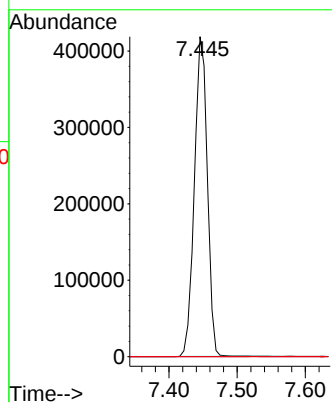
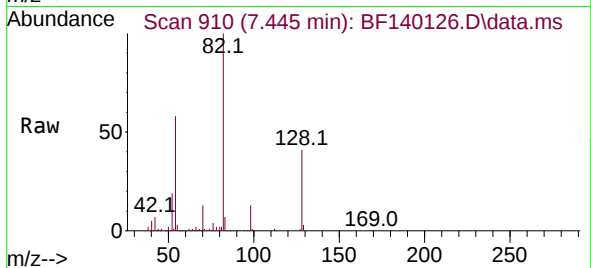




#25
Isophorone
Concen: 33.018 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF140126.D
Acq: 29 Oct 2024 21:39

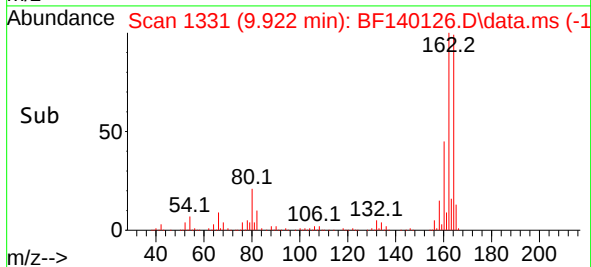
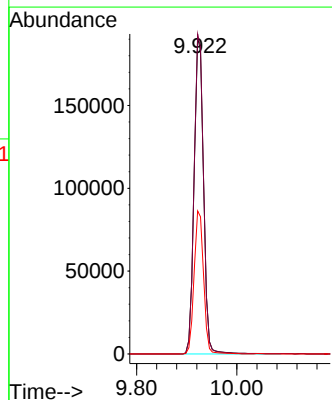
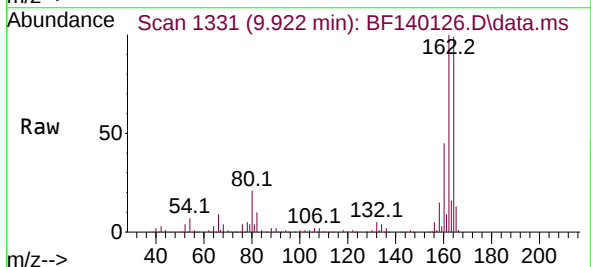
Instrument :
BNA_F
ClientSampleId :
BP-F-19

Tgt Ion: 82 Resp: 550166
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: BF140126.D
Acq: 29 Oct 2024 21:39

Tgt Ion: 164 Resp: 249649
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.4
160 45.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 68.638 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF140126.D

Acq: 29 Oct 2024 21:39

Instrument :

BNA_F

ClientSampleId :

BP-F-19

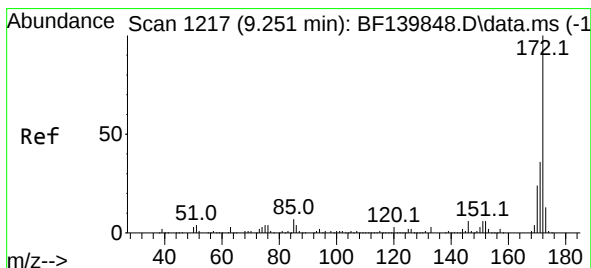
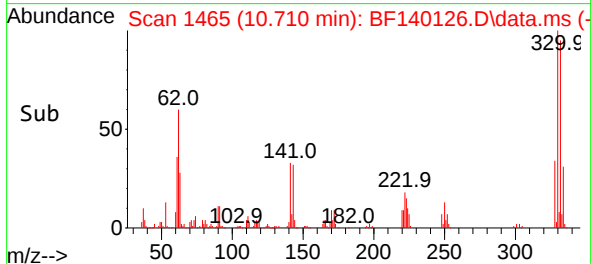
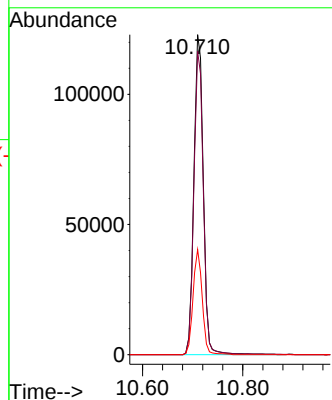
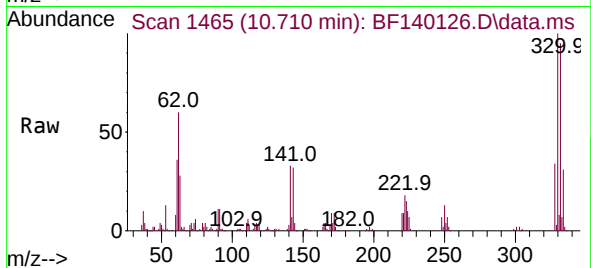
Tgt Ion:330 Resp: 160280

Ion Ratio Lower Upper

330 100

332 94.7 78.1 117.1

141 32.0 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 65.696 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140126.D

Acq: 29 Oct 2024 21:39

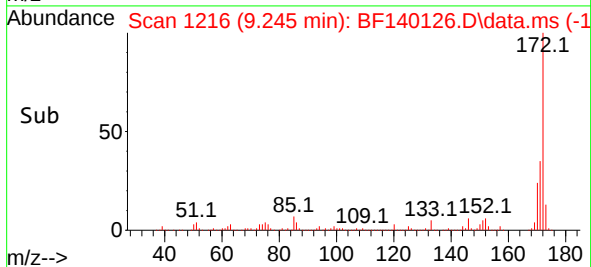
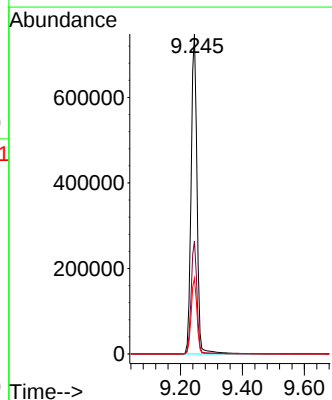
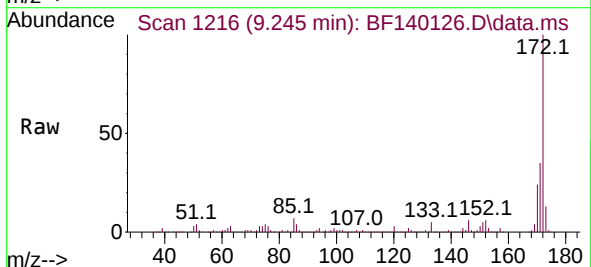
Tgt Ion:172 Resp: 992368

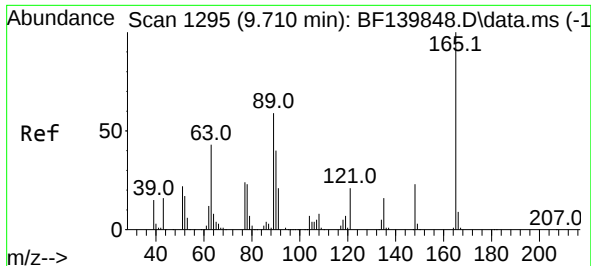
Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 23.7 19.1 28.7

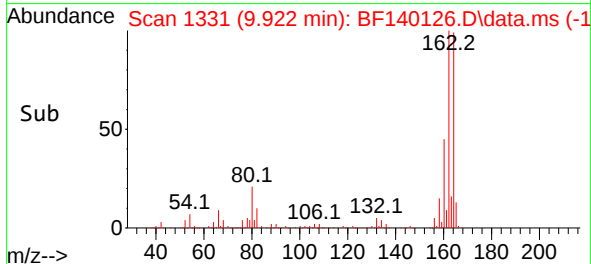
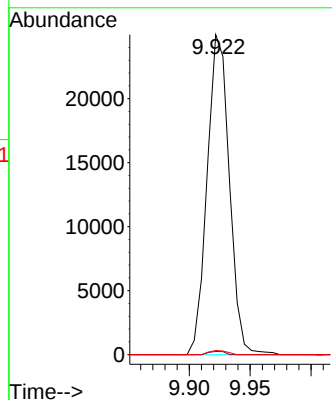
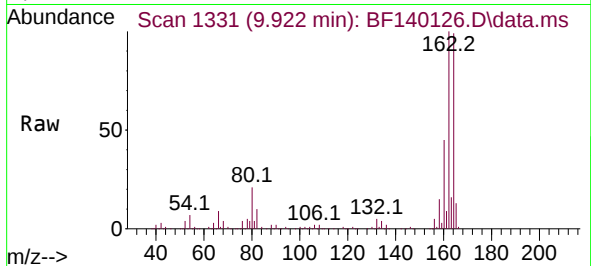




#51
2,6-Dinitrotoluene
Concen: 9.457 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140126.D
Acq: 29 Oct 2024 21:39

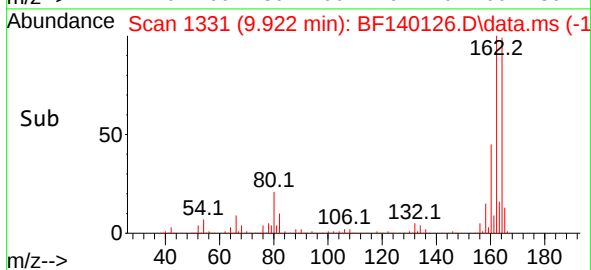
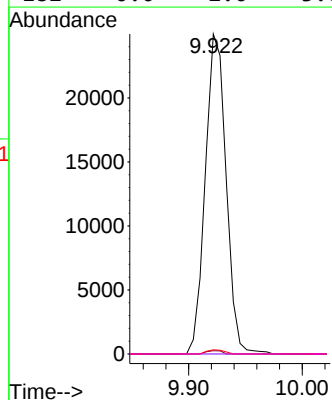
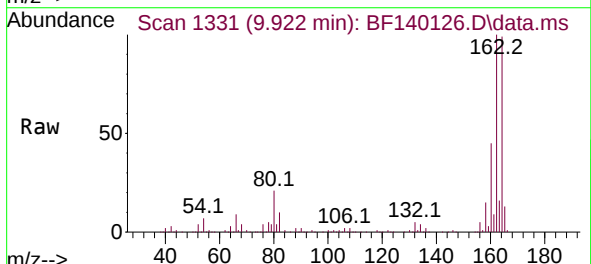
Instrument :
BNA_F
ClientSampleId :
BP-F-19

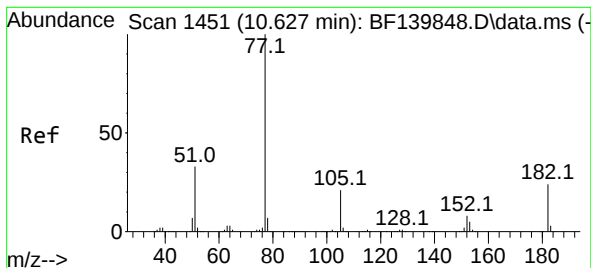
Tgt Ion:165 Resp: 31842
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.3 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.691 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140126.D
Acq: 29 Oct 2024 21:39

Tgt Ion:165 Resp: 31842
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 1.3 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 4.065 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF140126.D

Acq: 29 Oct 2024 21:39

Instrument :

BNA_F

ClientSampleId :

BP-F-19

Tgt Ion: 77 Resp: 65800

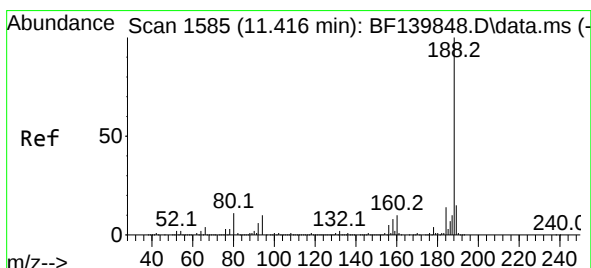
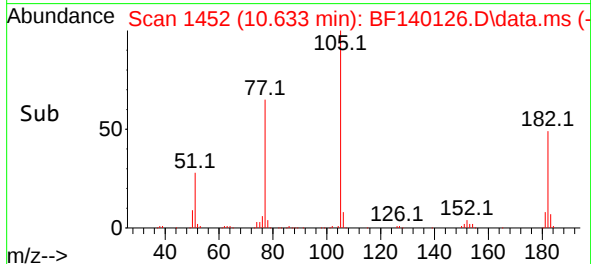
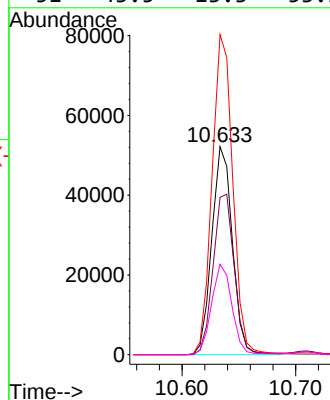
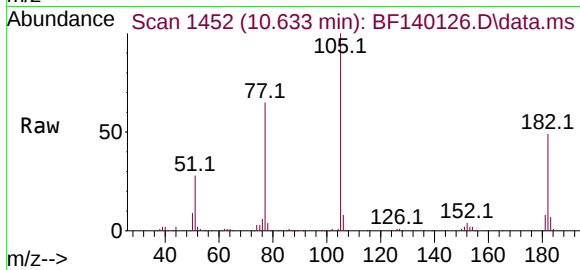
Ion Ratio Lower Upper

77 100

182 75.7 3.3 43.3#

105 153.8 1.2 41.2#

51 43.5 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF140126.D

Acq: 29 Oct 2024 21:39

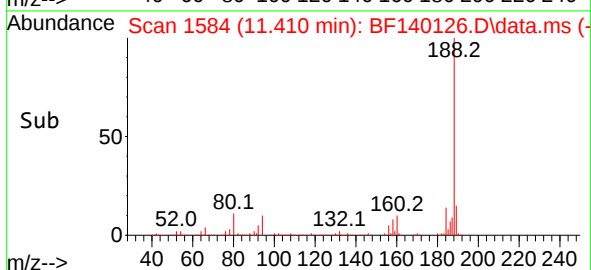
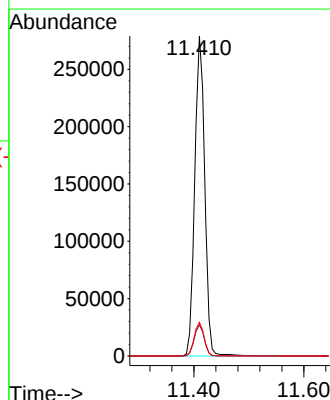
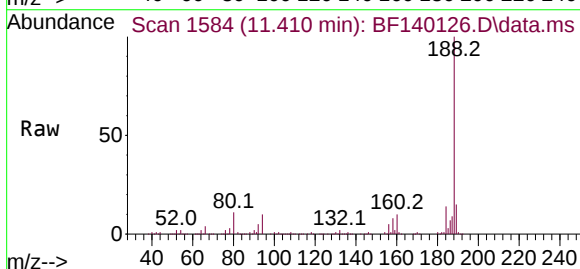
Tgt Ion: 188 Resp: 350468

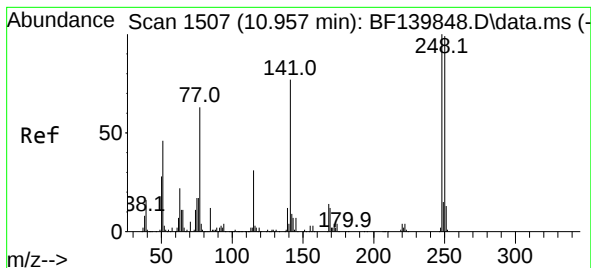
Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

80 10.6 9.0 13.4

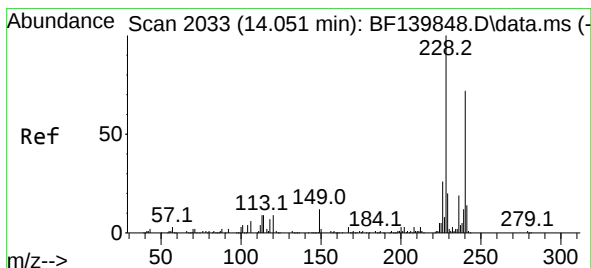
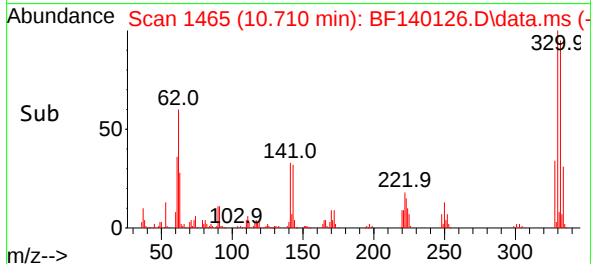
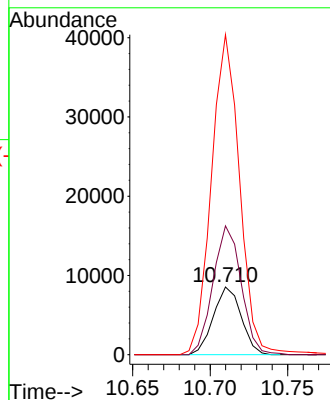
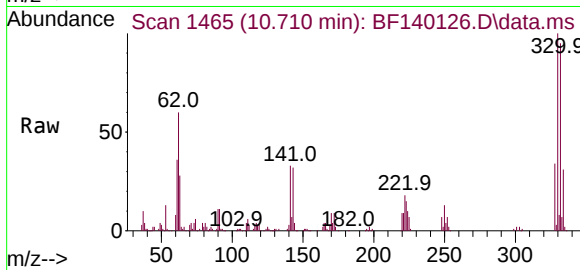




#67
4-Bromophenyl-phenylether
Concen: 2.961 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140126.D
Acq: 29 Oct 2024 21:39

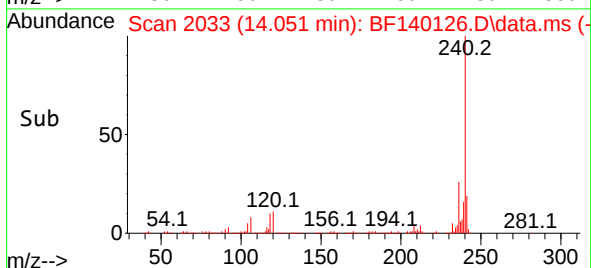
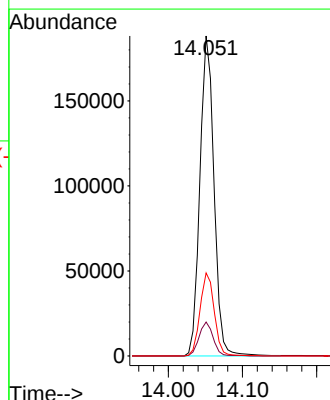
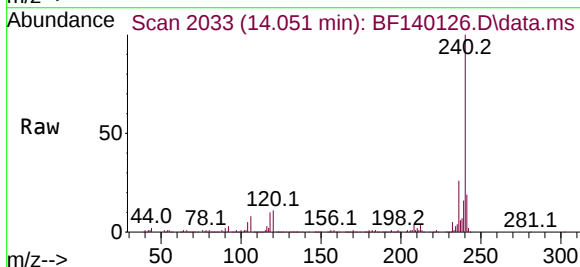
Instrument :
BNA_F
ClientSampleId :
BP-F-19

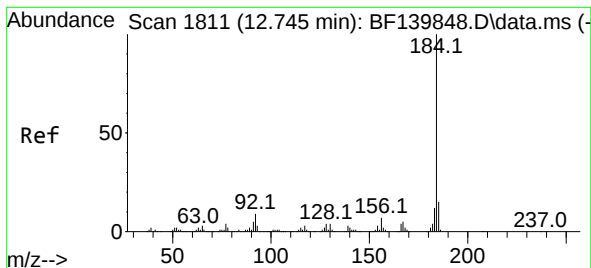
Tgt Ion:248 Resp: 10692
Ion Ratio Lower Upper
248 100
250 190.1 79.0 118.6#
141 472.5 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140126.D
Acq: 29 Oct 2024 21:39

Tgt Ion:240 Resp: 248754
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 25.9 20.9 31.3





#77

Benzidine

Concen: 2.256 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF140126.D

Acq: 29 Oct 2024 21:39

Instrument :

BNA_F

ClientSampleId :

BP-F-19

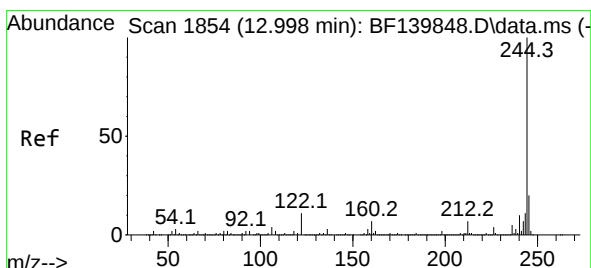
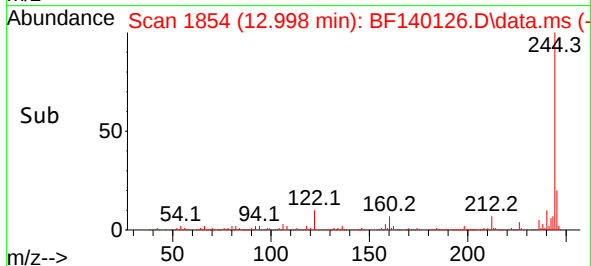
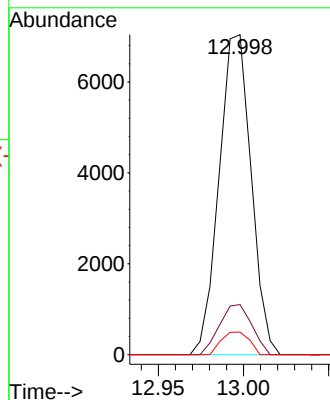
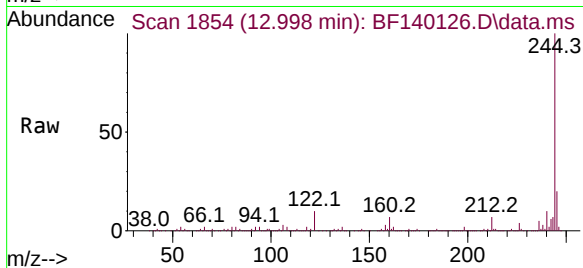
Tgt Ion:184 Resp: 9227

Ion Ratio Lower Upper

184 100

185 15.7 12.0 18.0

183 7.0 9.4 14.2#



#79

Terphenyl-d14

Concen: 47.255 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140126.D

Acq: 29 Oct 2024 21:39

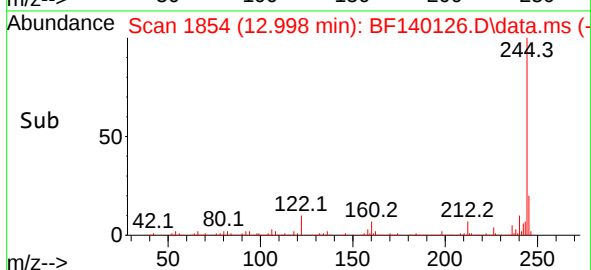
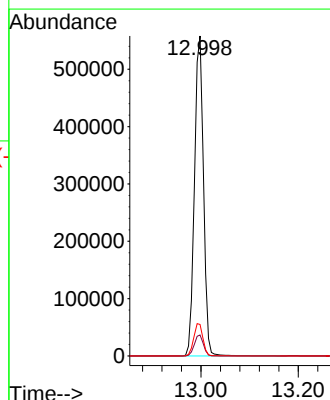
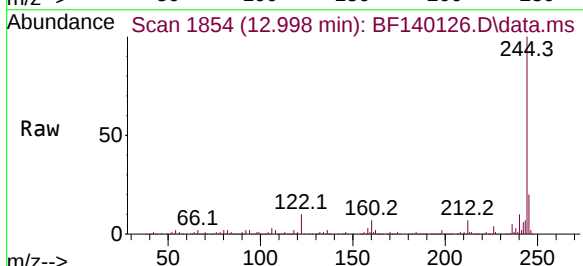
Tgt Ion:244 Resp: 721383

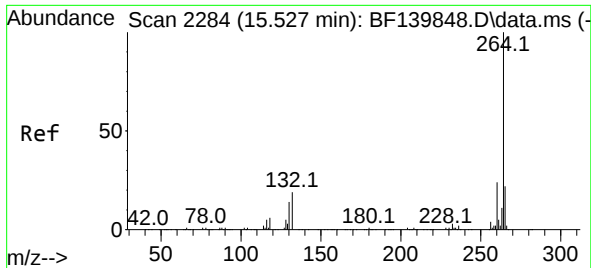
Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

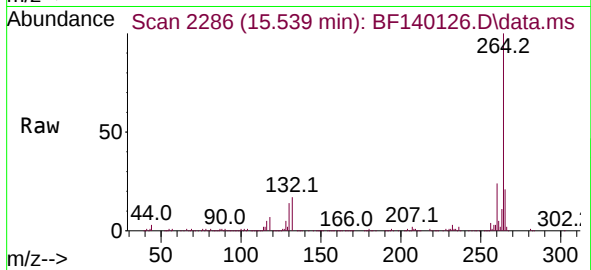
122 9.8 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140126.D
Acq: 29 Oct 2024 21:39

Instrument :
BNA_F
ClientSampleId :
BP-F-19



Tgt Ion:264 Resp: 237714
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.1 17.4 26.0

