

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
 Data File : BF139862.D
 Acq On : 18 Oct 2024 19:09
 Operator : RC/JU
 Sample : P4425-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Oct 18 23:08:28 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)

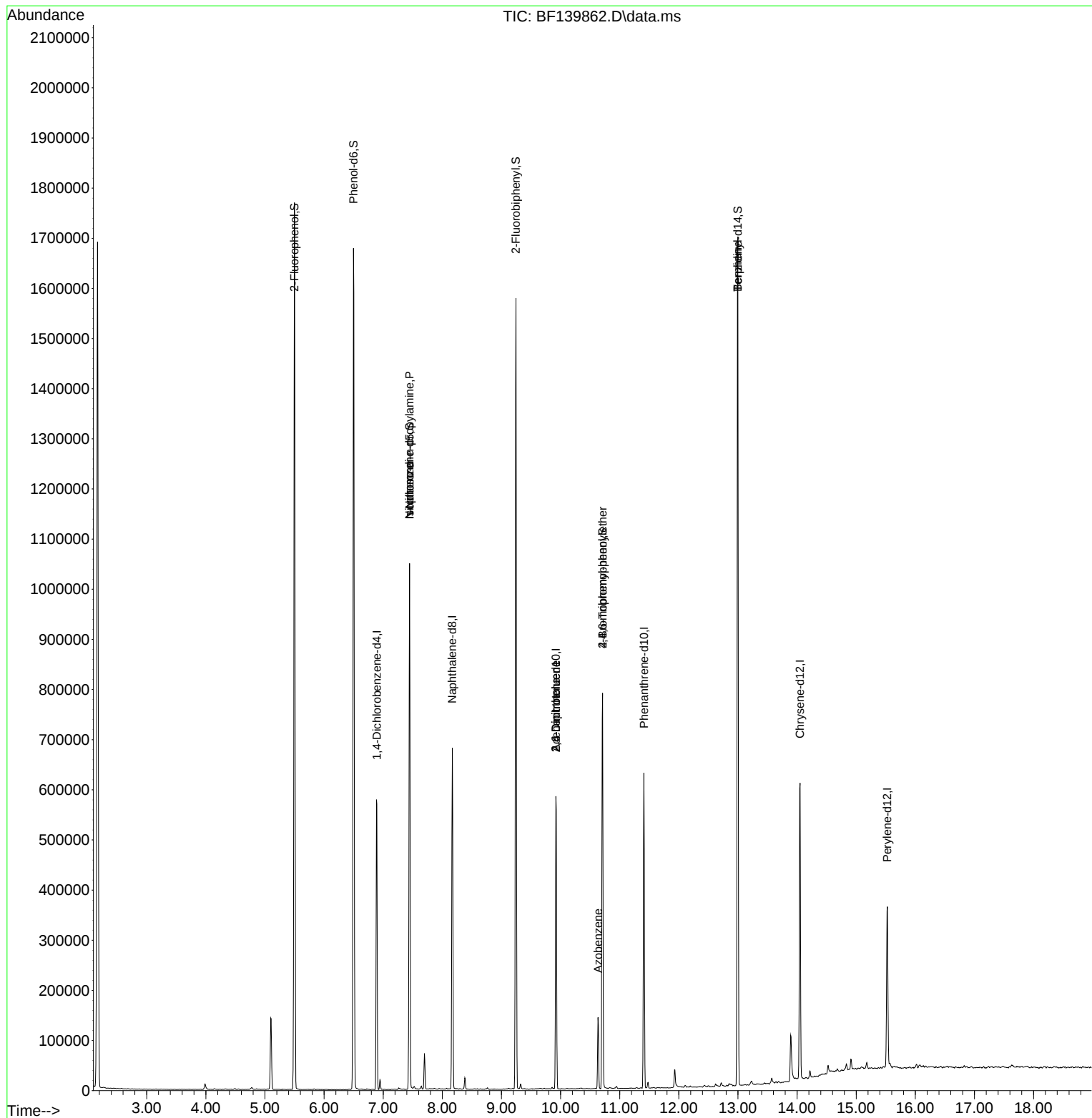
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	116785	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	392455	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	171370	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	313413	20.000	ng	0.00
76) Chrysene-d12	14.051	240	275934	20.000	ng	0.00
86) Perylene-d12	15.527	264	184771	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	613520	82.242	ng	0.00
7) Phenol-d6	6.498	99	758309	78.485	ng	-0.01
23) Nitrobenzene-d5	7.445	82	417743	58.995	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	122034	76.131	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	665007	64.133	ng	0.00
79) Terphenyl-d14	12.998	244	846220	49.972	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	56149	9.582	ng	# 80
25) Isophorone	7.445	82	416721	31.007	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	22049	9.540	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	22049	7.758	ng	# 21
63) Azobenzene	10.633	77	34942	3.145	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	8447	2.616	ng	# 1
77) Benzidine	12.998	184	10778	2.375	ng	# 95

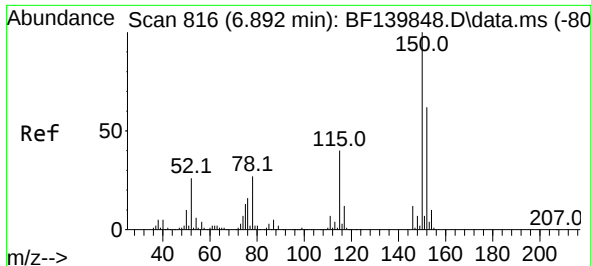
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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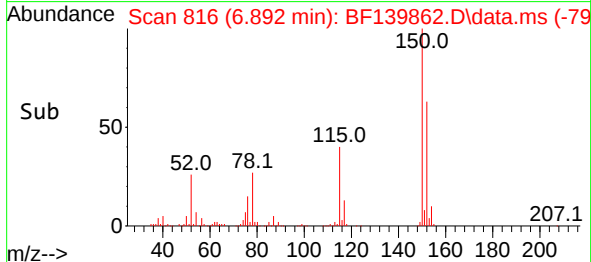
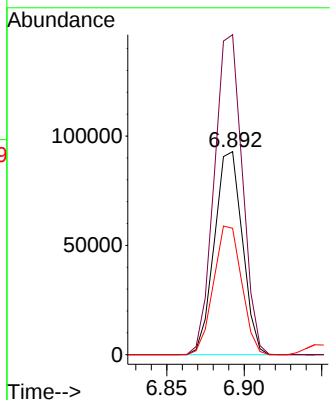
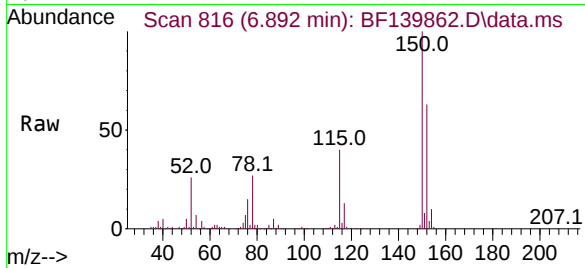




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139862.D
Acq: 18 Oct 2024 19:09

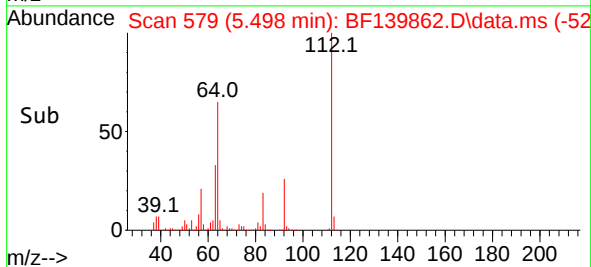
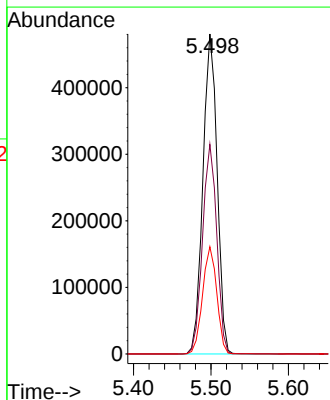
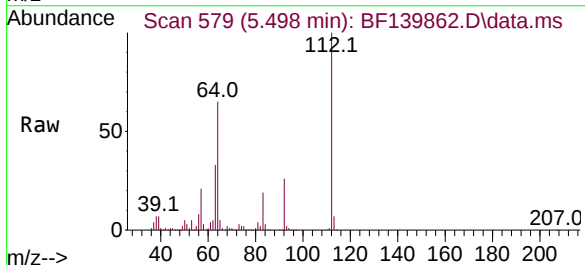
Instrument :
BNA_F
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TP-5

Tgt Ion:152 Resp: 116785
Ion Ratio Lower Upper
152 100
150 157.6 130.2 195.2
115 62.3 51.4 77.2



#5
2-Fluorophenol
Concen: 82.242 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139862.D
Acq: 18 Oct 2024 19:09

Tgt Ion:112 Resp: 613520
Ion Ratio Lower Upper
112 100
64 65.5 53.0 79.6
63 33.5 27.0 40.4

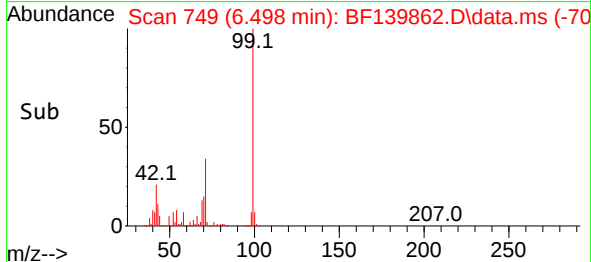
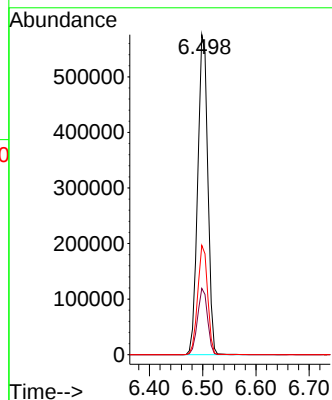
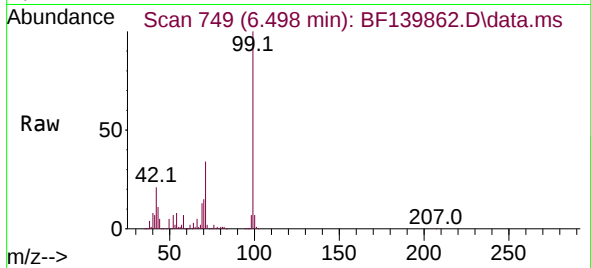




#7
Phenol-d6
Concen: 78.485 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139862.D
Acq: 18 Oct 2024 19:09

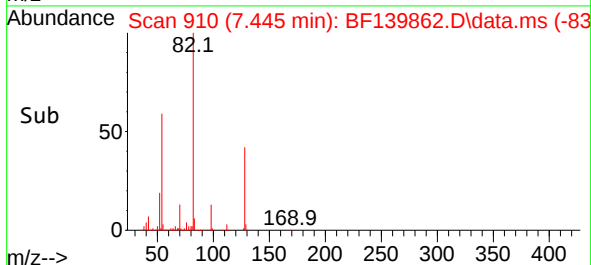
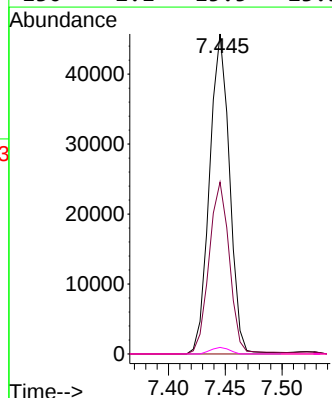
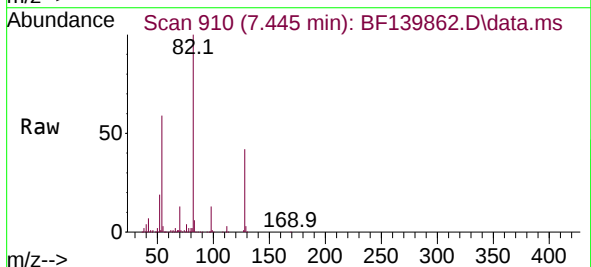
Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 99 Resp: 758309
Ion Ratio Lower Upper
99 100
42 20.7 16.7 25.1
71 34.1 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 9.582 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139862.D
Acq: 18 Oct 2024 19:09

Tgt Ion: 70 Resp: 56149
Ion Ratio Lower Upper
70 100
42 53.7 51.5 77.3
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#

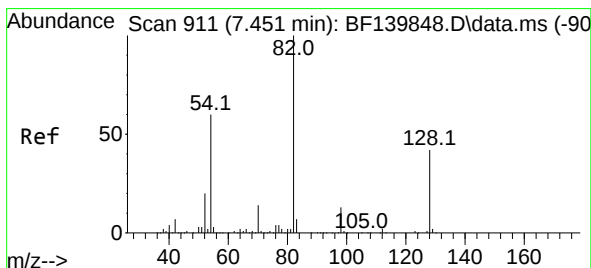
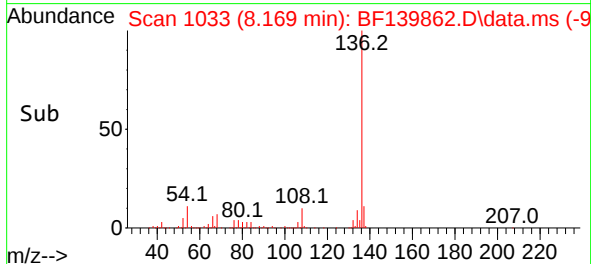
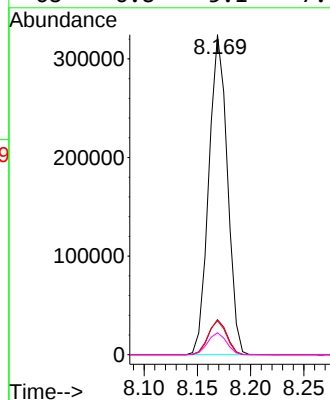
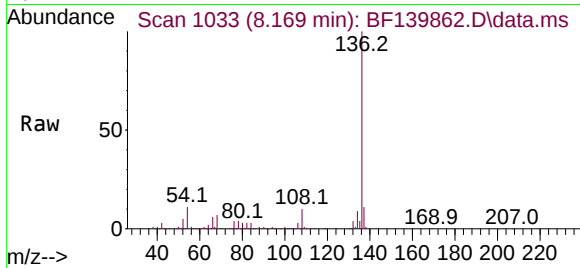




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF139862.D
Acq: 18 Oct 2024 19:09

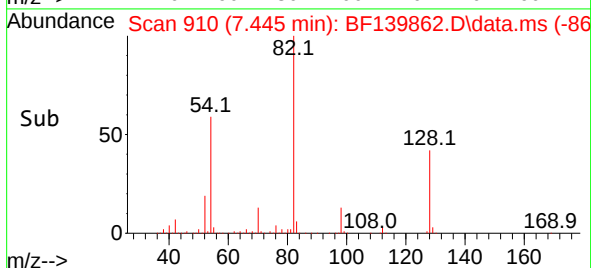
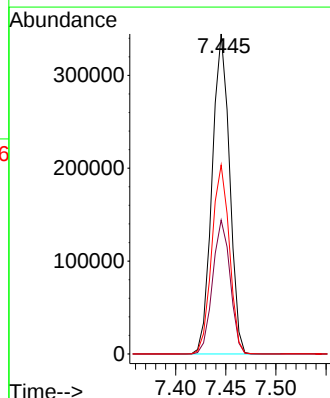
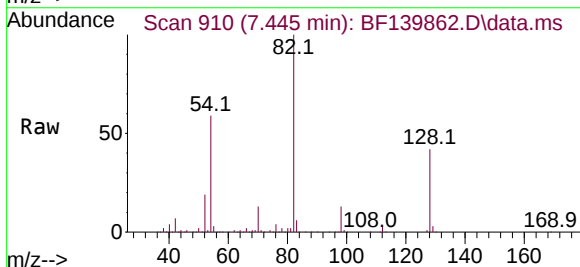
Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:	136	Resp:	392455
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.6	8.4	12.6
68	6.8	5.1	7.7



#23
Nitrobenzene-d5
Concen: 58.995 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139862.D
Acq: 18 Oct 2024 19:09

Tgt Ion:	82	Resp:	417743
Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.4	50.0
54	59.1	47.8	71.8

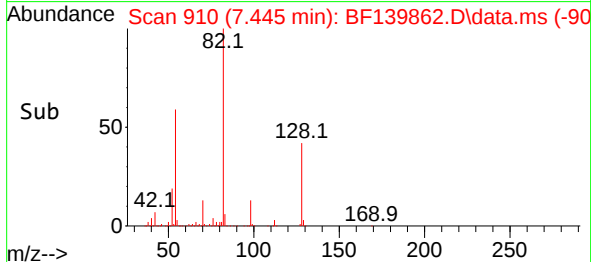
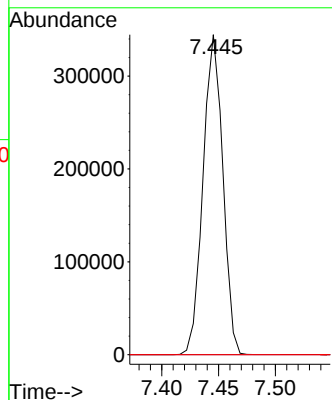
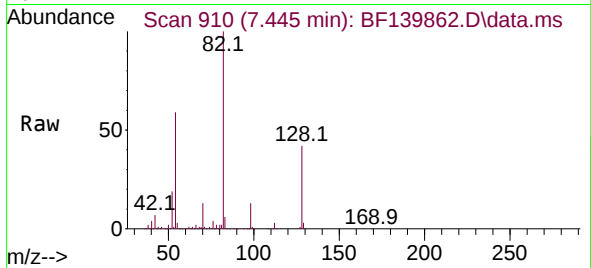




#25
Isophorone
Concen: 31.007 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139862.D
Acq: 18 Oct 2024 19:09

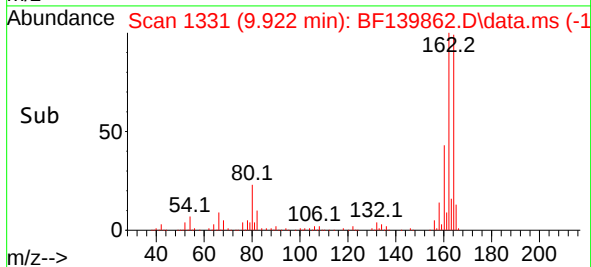
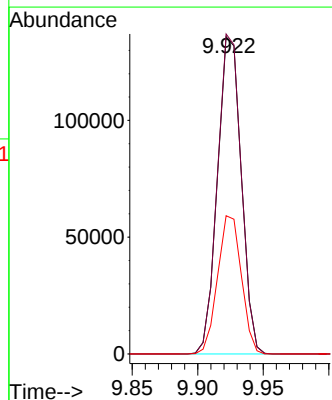
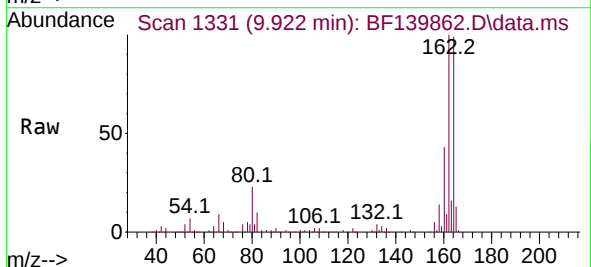
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BNA_F
ClientSampleId :
TP-5

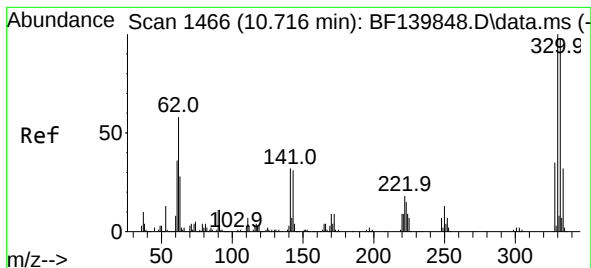
Tgt Ion: 82 Resp: 416721
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139862.D
Acq: 18 Oct 2024 19:09

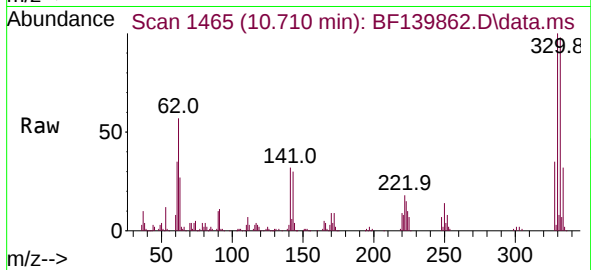
Tgt Ion: 164 Resp: 171370
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 43.6 35.4 53.0



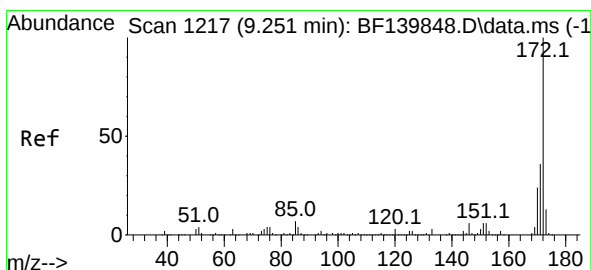
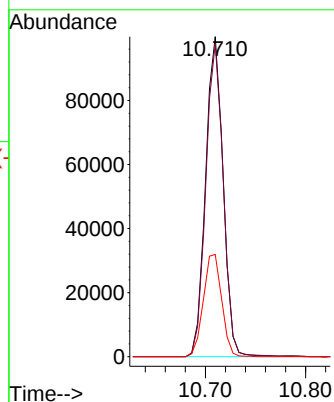
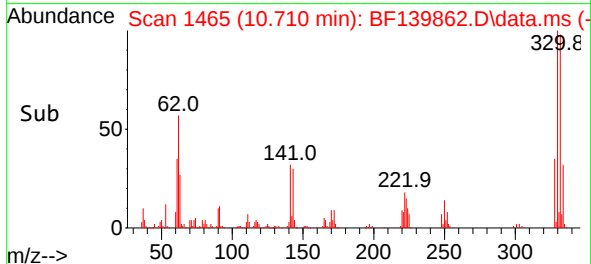


#42
2,4,6-Tribromophenol
Concen: 76.131 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139862.D
Acq: 18 Oct 2024 19:09

Instrument :
BNA_F
ClientSampleId :
TP-5

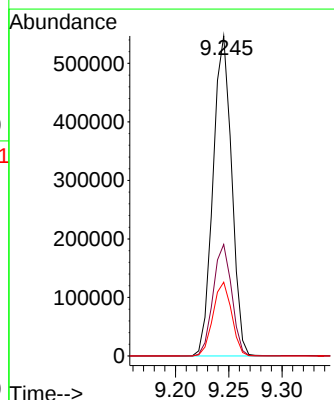
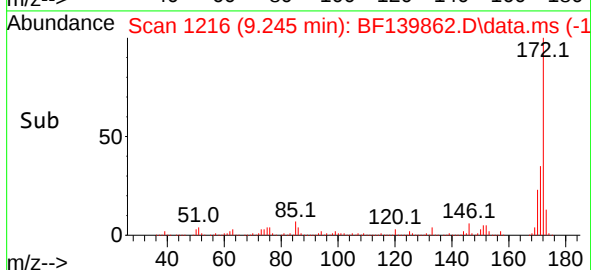
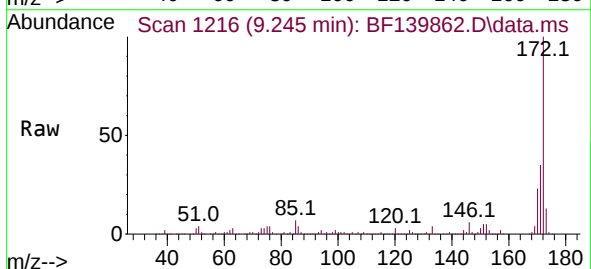


Tgt Ion:330 Resp: 122034
Ion Ratio Lower Upper
330 100
332 97.3 78.1 117.1
141 33.3 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 64.133 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139862.D
Acq: 18 Oct 2024 19:09

Tgt Ion:172 Resp: 665007
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.1 19.1 28.7

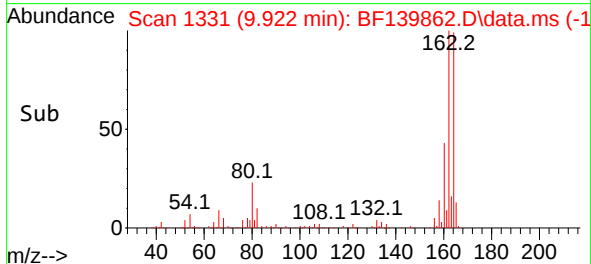
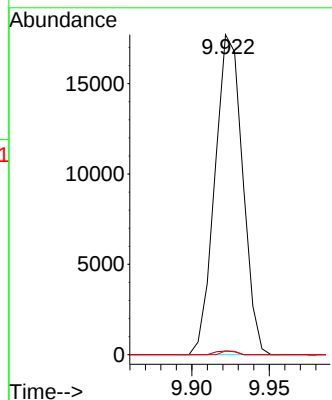
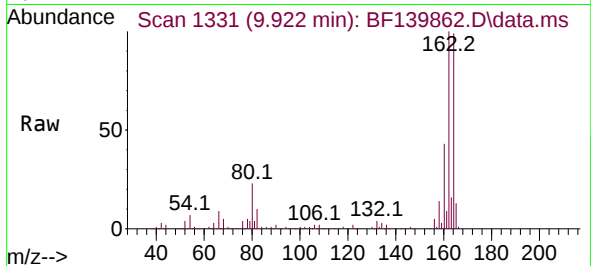




#51
2,6-Dinitrotoluene
Concen: 9.540 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139862.D
Acq: 18 Oct 2024 19:09

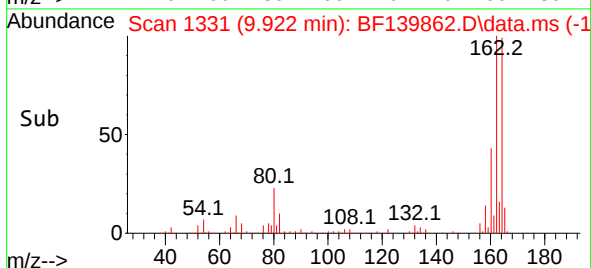
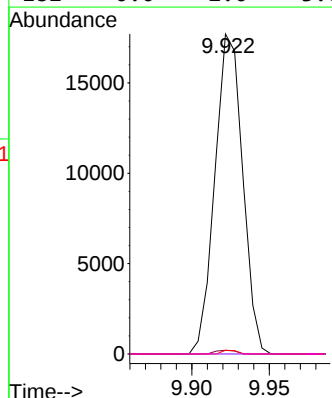
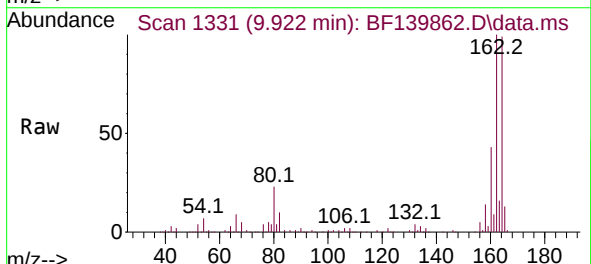
Instrument :
BNA_F
ClientSampleId :
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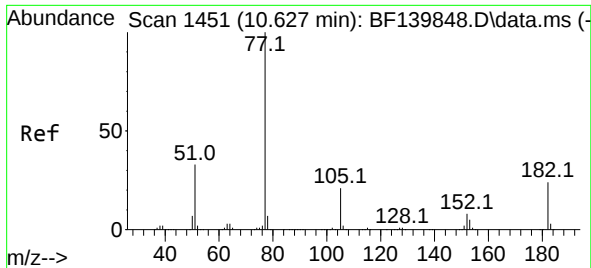
Tgt Ion:165 Resp: 22049
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.758 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139862.D
Acq: 18 Oct 2024 19:09

Tgt Ion:165 Resp: 22049
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#

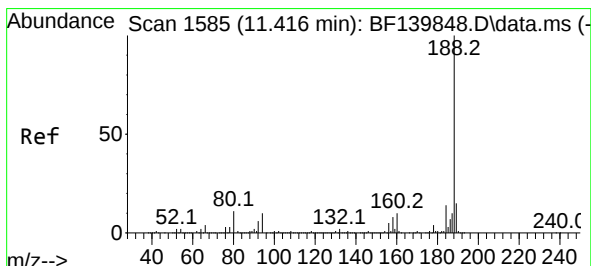
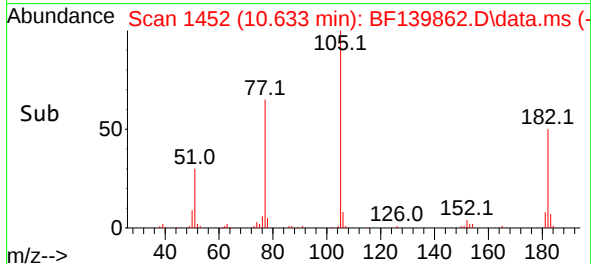
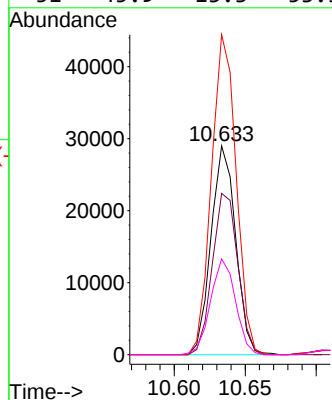
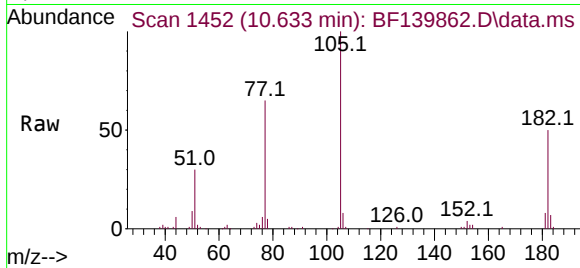




#63
Azobenzene
Concen: 3.145 ng
RT: 10.633 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF139862.D
Acq: 18 Oct 2024 19:09

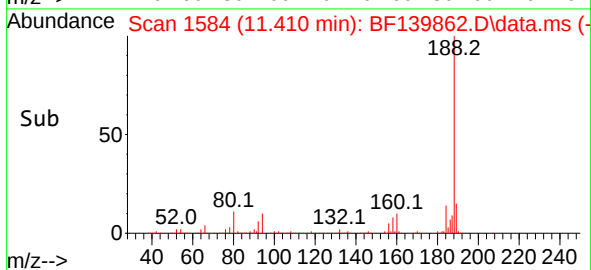
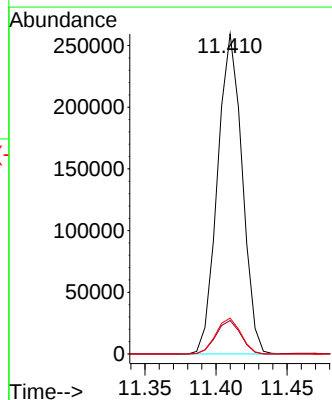
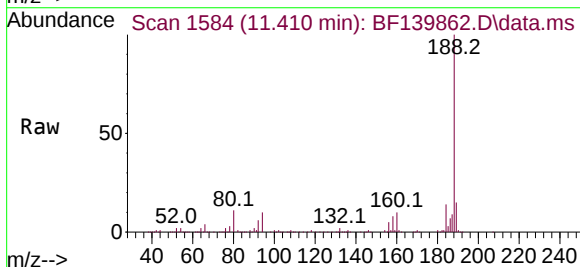
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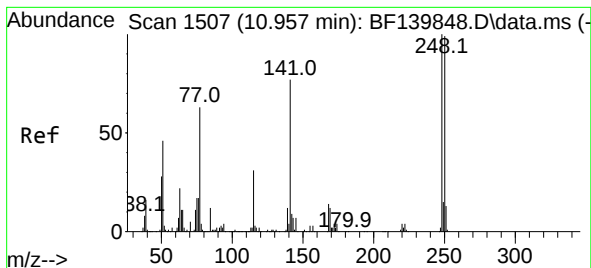
Tgt Ion: 77	Resp: 34942
Ion Ratio	Lower Upper
77 100	
182 77.2	3.3 43.3#
105 153.2	1.2 41.2#
51 45.9	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139862.D
Acq: 18 Oct 2024 19:09

Tgt Ion: 188	Resp: 313413
Ion Ratio	Lower Upper
188 100	
94 10.5	7.9 11.9
80 11.2	9.0 13.4

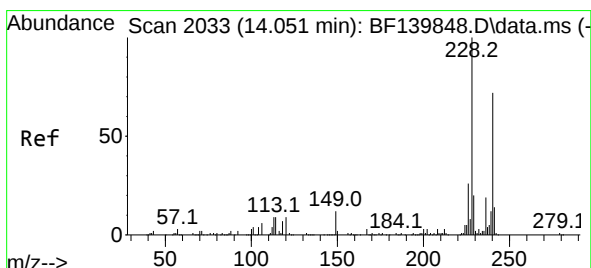
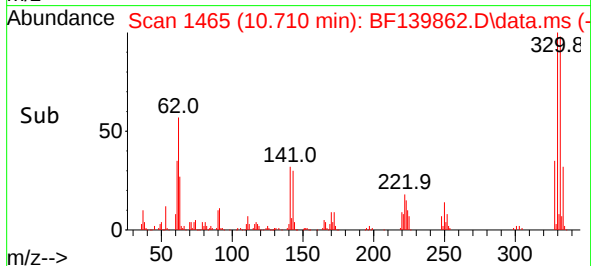
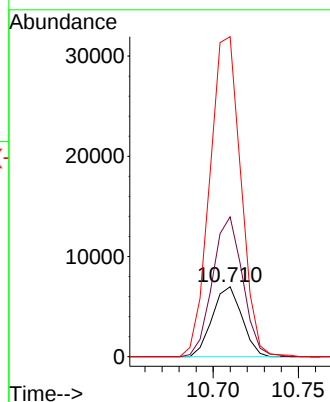
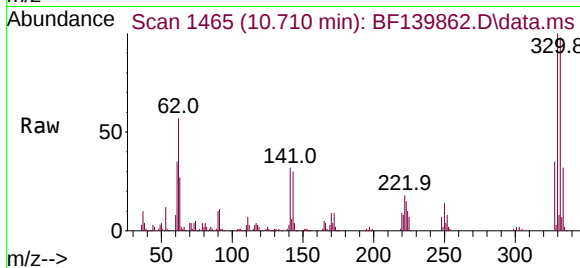




#67
4-Bromophenyl-phenylether
Concen: 2.616 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF139862.D
Acq: 18 Oct 2024 19:09

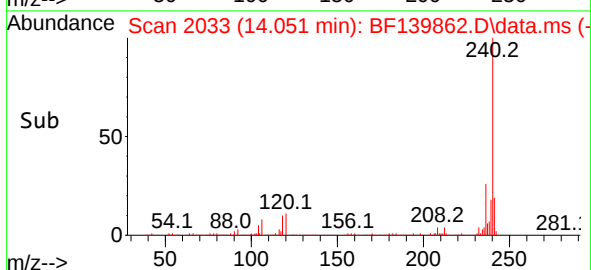
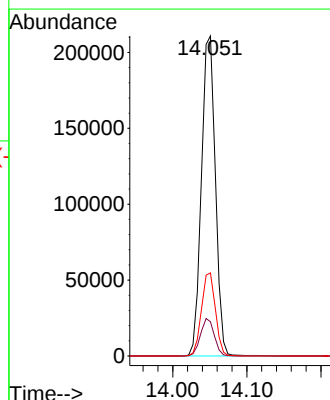
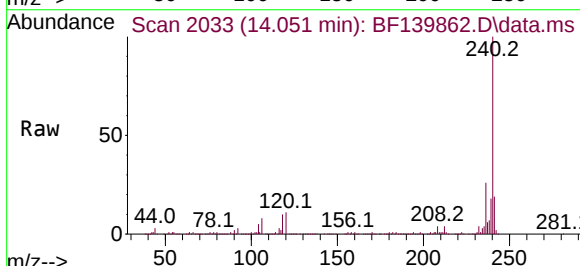
Instrument :
BNA_F
ClientSampleId :
TP-5

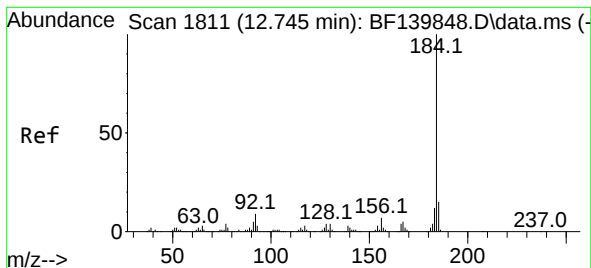
Tgt Ion:248 Resp: 8447
Ion Ratio Lower Upper
248 100
250 199.8 79.0 118.6#
141 457.3 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139862.D
Acq: 18 Oct 2024 19:09

Tgt Ion:240 Resp: 275934
Ion Ratio Lower Upper
240 100
120 10.7 9.4 14.2
236 25.9 20.9 31.3





#77

Benzidine

Concen: 2.375 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF139862.D

Acq: 18 Oct 2024 19:09

Instrument :

BNA_F

ClientSampleId :

TP-5

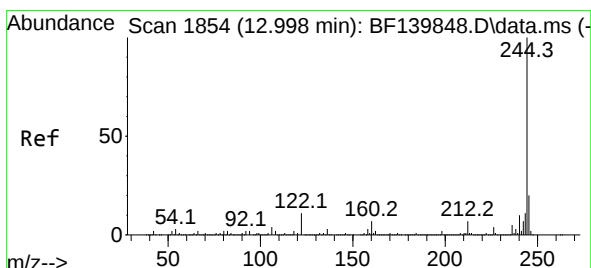
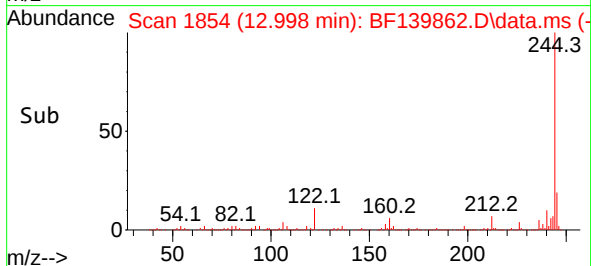
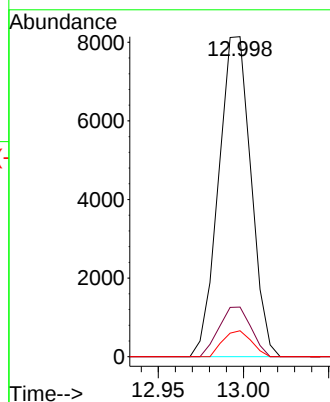
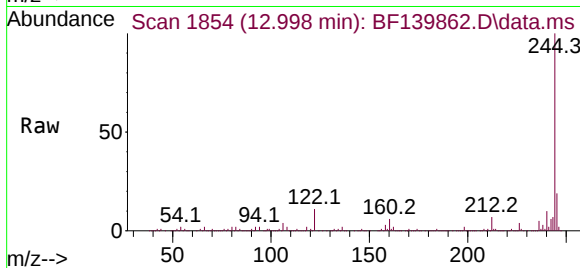
Tgt Ion:184 Resp: 10778

Ion Ratio Lower Upper

184 100

185 15.5 12.0 18.0

183 8.1 9.4 14.2#



#79

Terphenyl-d14

Concen: 49.972 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139862.D

Acq: 18 Oct 2024 19:09

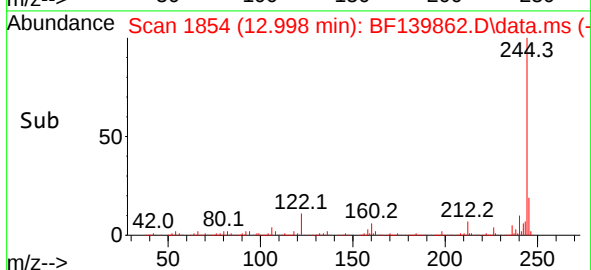
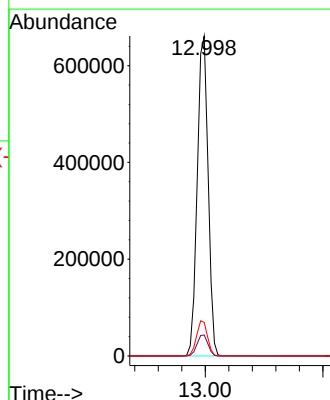
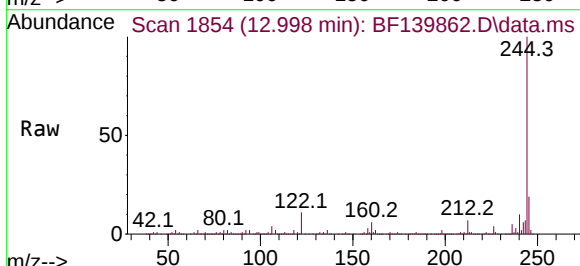
Tgt Ion:244 Resp: 846220

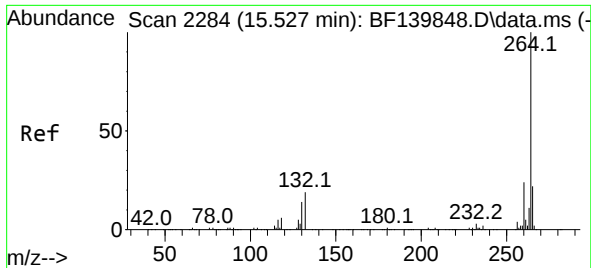
Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

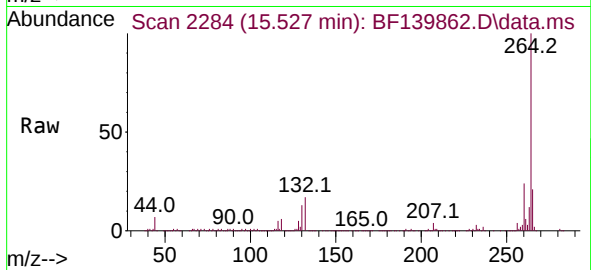
122 10.5 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139862.D
Acq: 18 Oct 2024 19:09

Instrument :
BNA_F
ClientSampleId :
TP-5



Tgt Ion:264 Resp: 184771

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	20.9	17.4	26.0

