

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
 Data File : BF140162.D
 Acq On : 30 Oct 2024 17:20
 Operator : RC/JU
 Sample : P4611-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Nov 01 02:17:18 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)

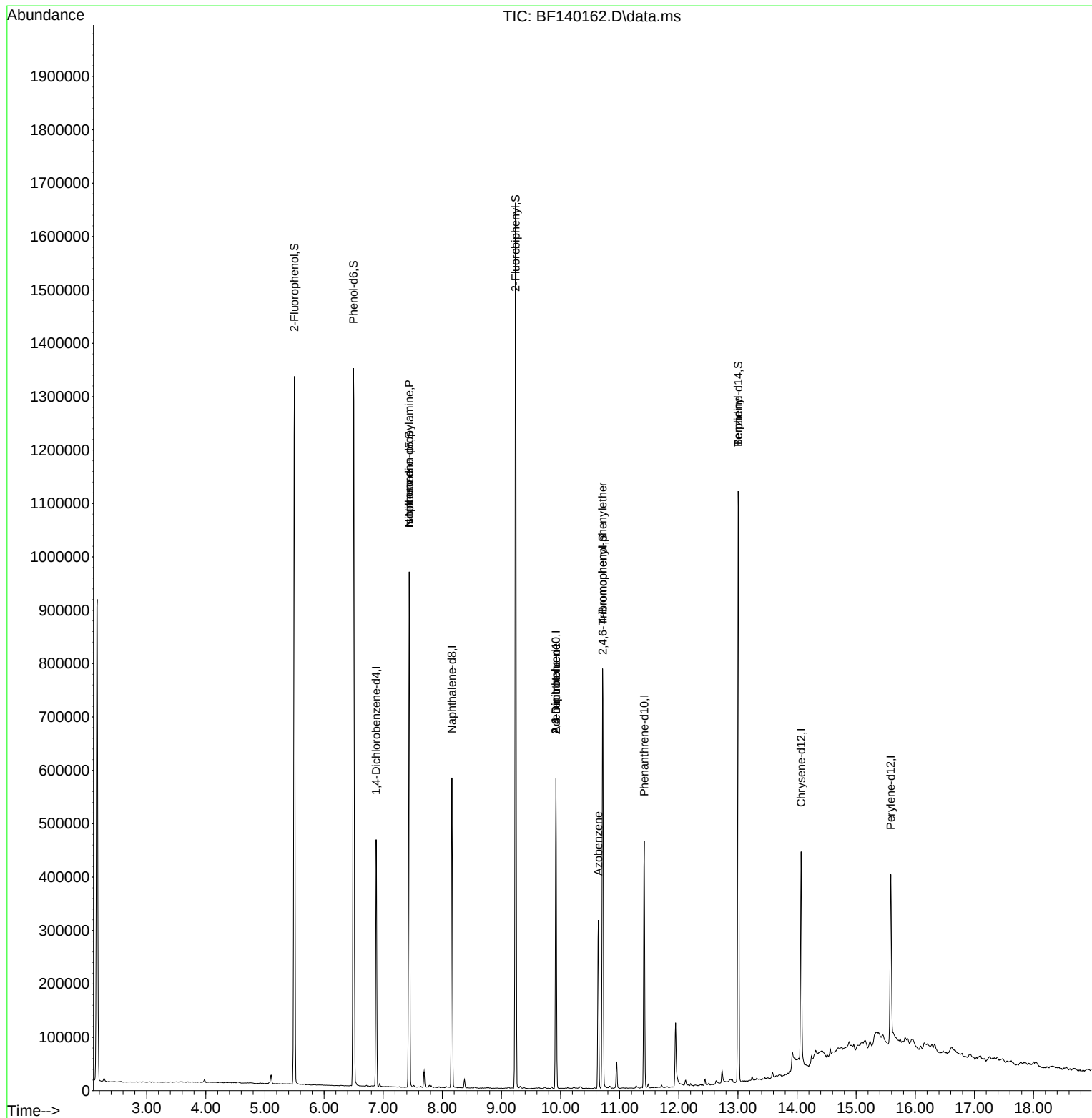
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	90472	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	336565	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	166370	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	243409	20.000	ng	0.00
76) Chrysene-d12	14.069	240	181975	20.000	ng	0.02
86) Perylene-d12	15.586	264	186922	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	463278	80.164	ng	0.00
7) Phenol-d6	6.498	99	600169	80.184	ng	-0.01
23) Nitrobenzene-d5	7.440	82	407376	67.084	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	122862	78.951	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	703050	69.840	ng	-0.01
79) Terphenyl-d14	13.004	244	545138	48.814	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	54666	12.042	ng	# 79
25) Isophorone	7.440	82	404864	35.127	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	21586	9.620	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	21586	7.823	ng	# 20
63) Azobenzene	10.639	77	79727	7.391	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	8343	3.327	ng	# 1
77) Benzidine	13.004	184	7779	2.600	ng	# 93

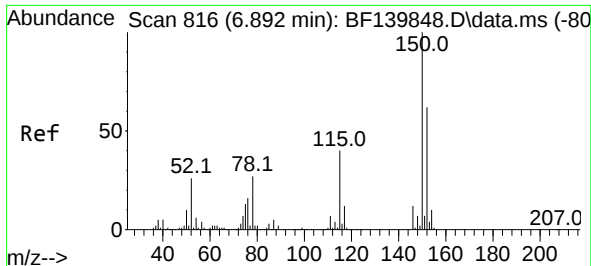
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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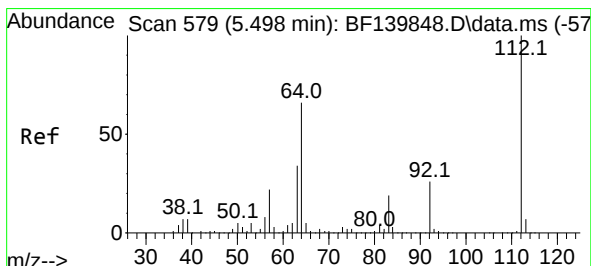
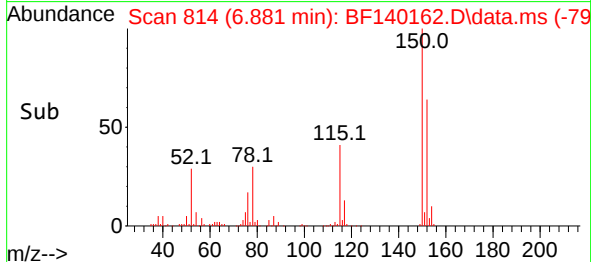
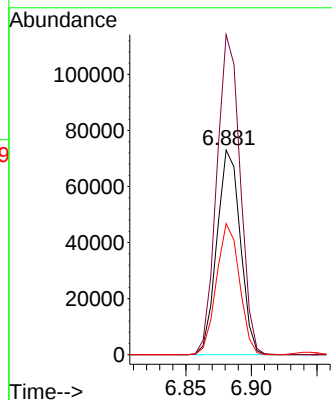
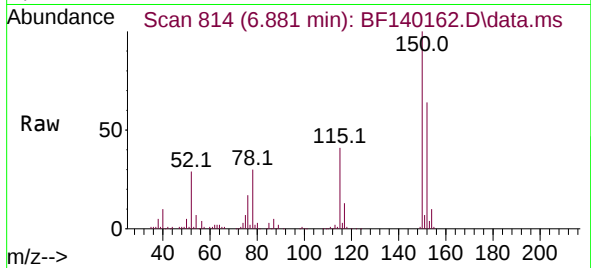




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.011 min
Lab File: BF140162.D
Acq: 30 Oct 2024 17:20

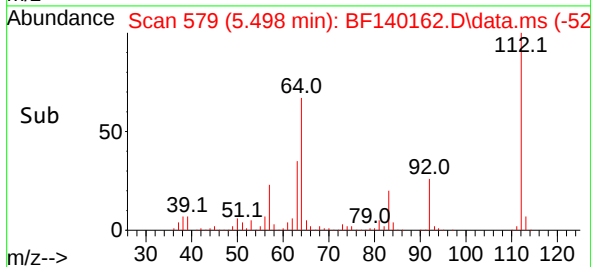
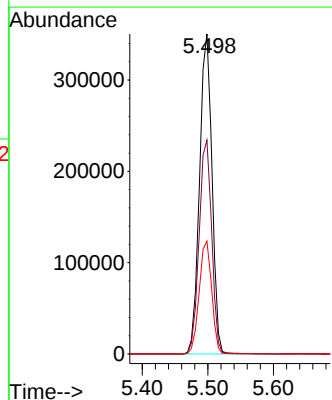
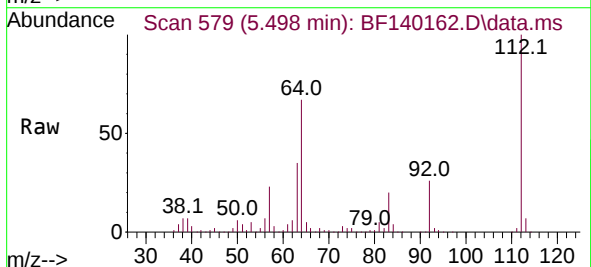
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 90472
Ion Ratio Lower Upper
152 100
150 156.3 130.2 195.2
115 64.0 51.4 77.2



#5
2-Fluorophenol
Concen: 80.164 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140162.D
Acq: 30 Oct 2024 17:20

Tgt Ion:112 Resp: 463278
Ion Ratio Lower Upper
112 100
64 66.8 53.0 79.6
63 35.3 27.0 40.4

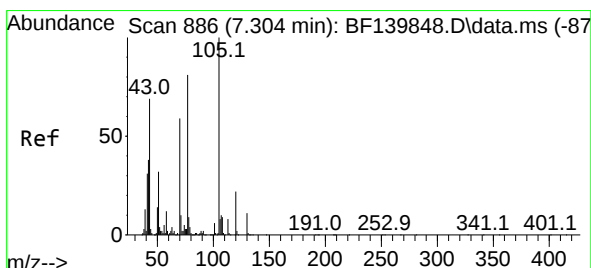
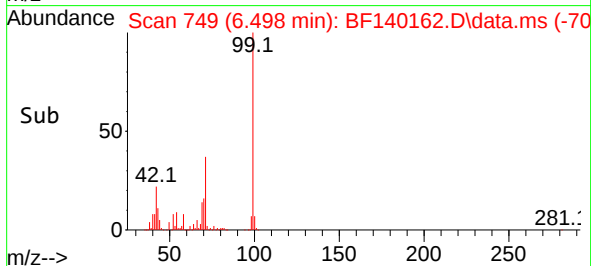
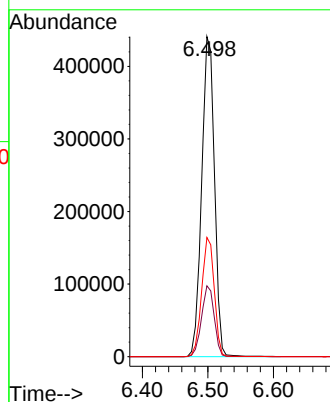
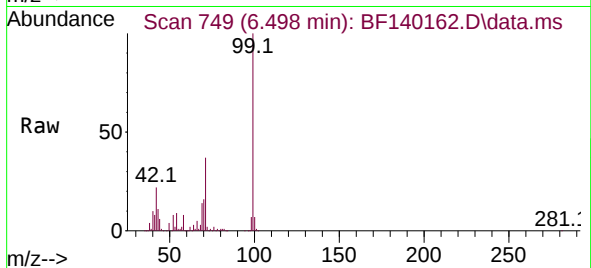




#7
Phenol-d6
Concen: 80.184 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF140162.D
Acq: 30 Oct 2024 17:20

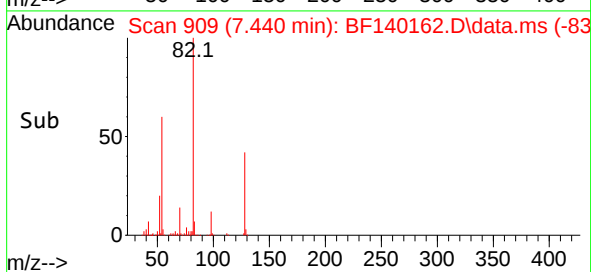
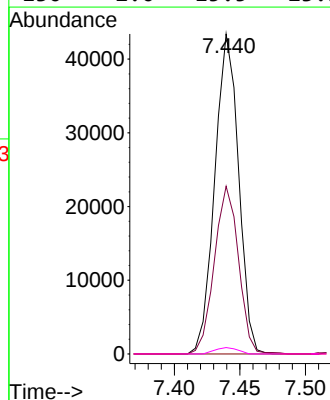
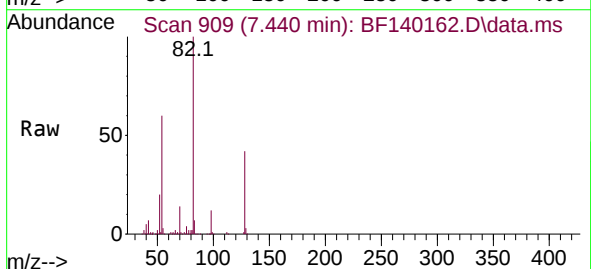
Instrument :
BNA_F
ClientSampleId :
TP-1

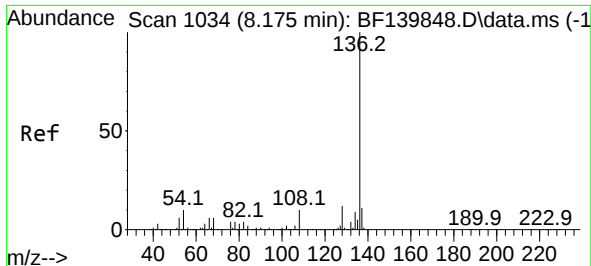
Tgt Ion: 99 Resp: 600169
Ion Ratio Lower Upper
99 100
42 22.2 16.7 25.1
71 37.3 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.042 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.135 min
Lab File: BF140162.D
Acq: 30 Oct 2024 17:20

Tgt Ion: 70 Resp: 54666
Ion Ratio Lower Upper
70 100
42 52.4 51.5 77.3
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



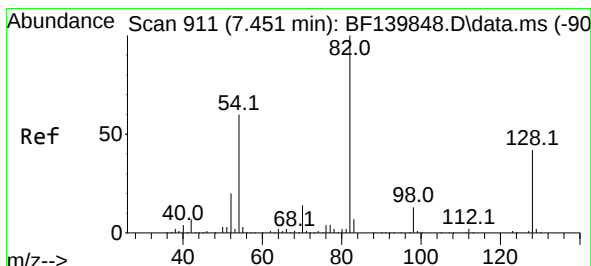
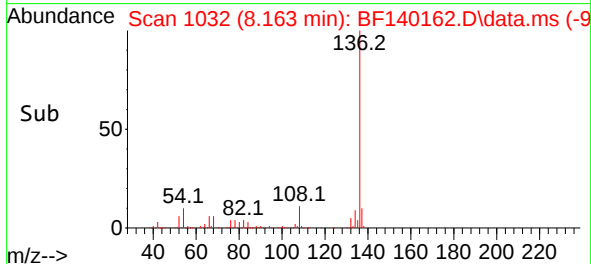
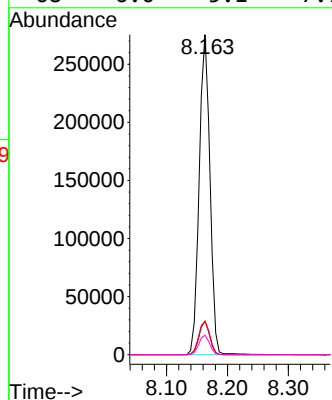
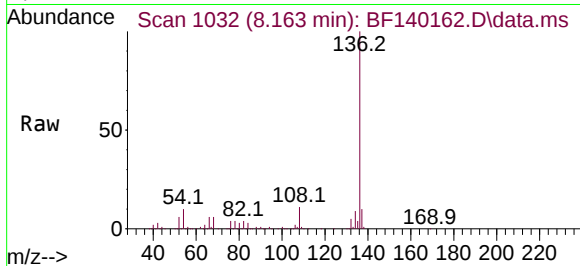


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BF140162.D
Acq: 30 Oct 2024 17:20

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:136 Resp: 336565

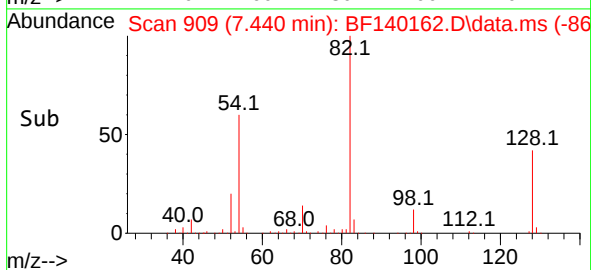
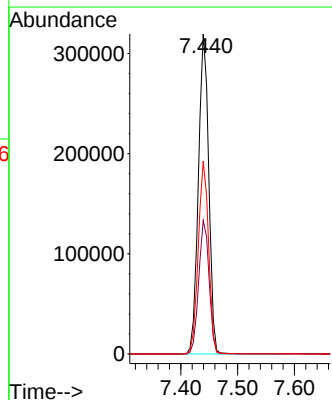
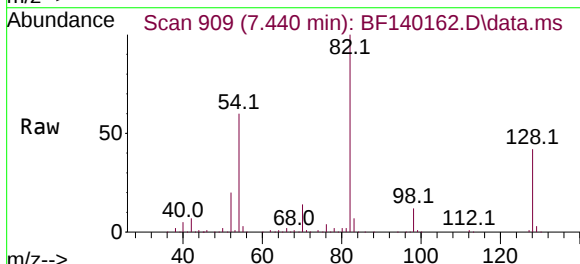
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	10.5	8.4	12.6
68	6.0	5.1	7.7

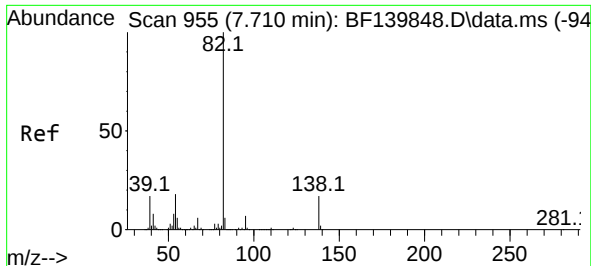


#23
Nitrobenzene-d5
Concen: 67.084 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140162.D
Acq: 30 Oct 2024 17:20

Tgt Ion: 82 Resp: 407376

Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.4	50.0
54	60.2	47.8	71.8

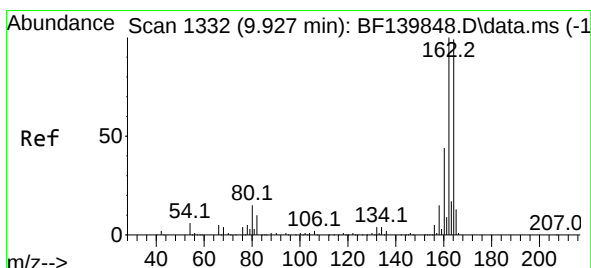
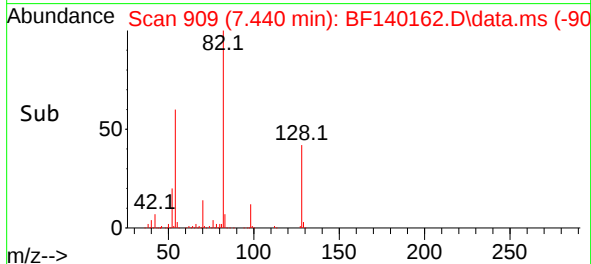
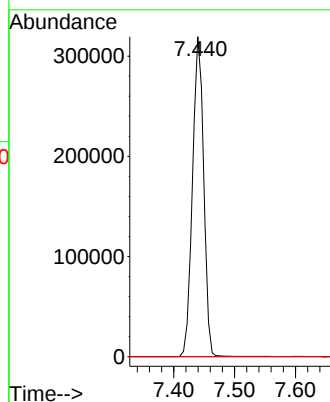
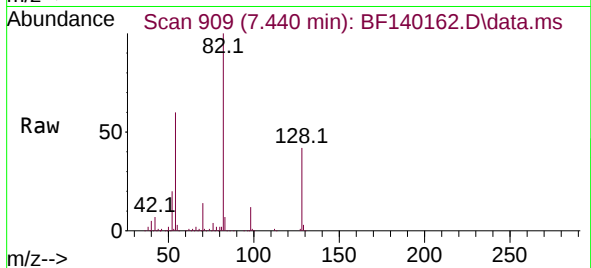




#25
Isophorone
Concen: 35.127 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF140162.D
Acq: 30 Oct 2024 17:20

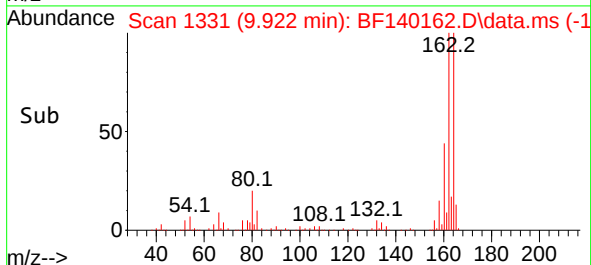
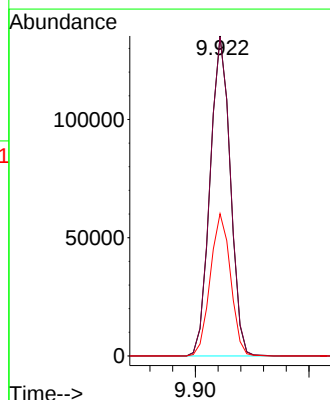
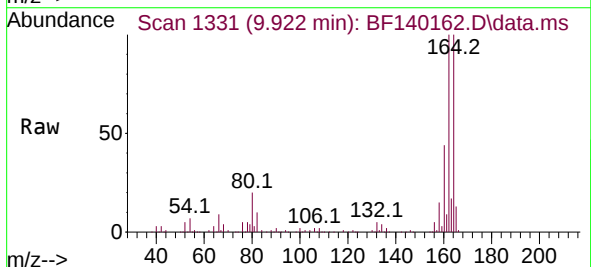
Instrument :
BNA_F
ClientSampleId :
TP-1

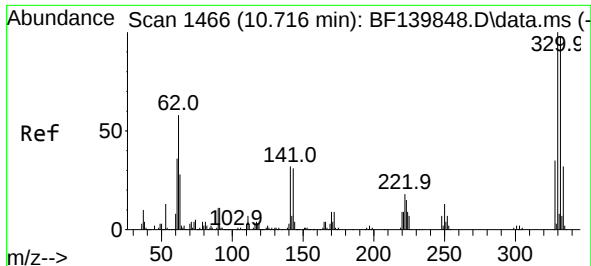
Tgt Ion: 82 Resp: 404864
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140162.D
Acq: 30 Oct 2024 17:20

Tgt Ion: 164 Resp: 166370
Ion Ratio Lower Upper
164 100
162 99.8 81.0 121.4
160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 78.951 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140162.D

Acq: 30 Oct 2024 17:20

Instrument :

BNA_F

ClientSampleId :

TP-1

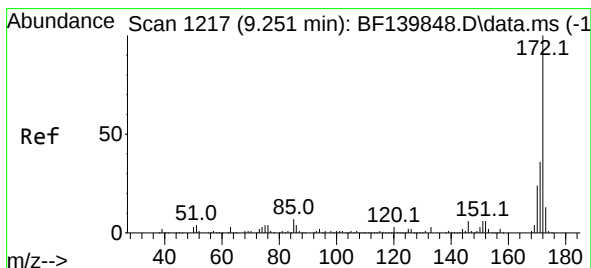
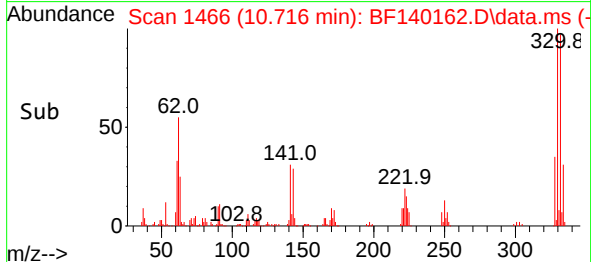
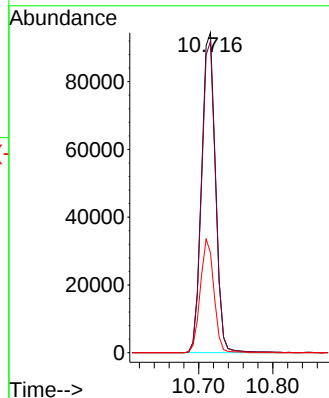
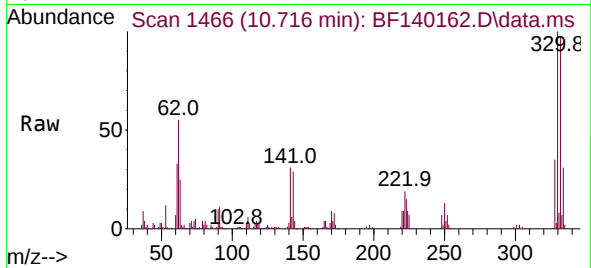
Tgt Ion:330 Resp: 122862

Ion Ratio Lower Upper

330 100

332 97.6 78.1 117.1

141 34.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 69.840 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF140162.D

Acq: 30 Oct 2024 17:20

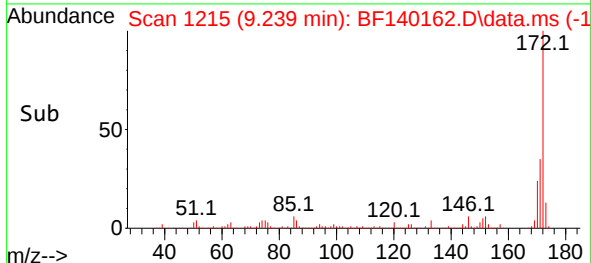
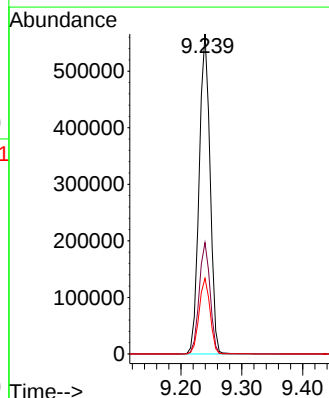
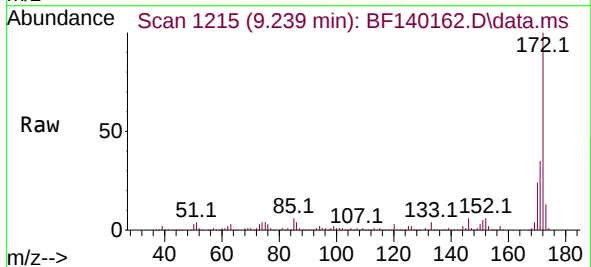
Tgt Ion:172 Resp: 703050

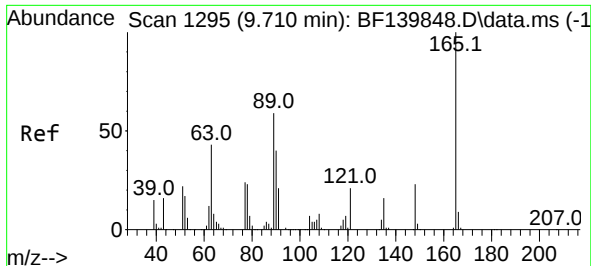
Ion Ratio Lower Upper

172 100

171 34.8 28.6 43.0

170 23.7 19.1 28.7

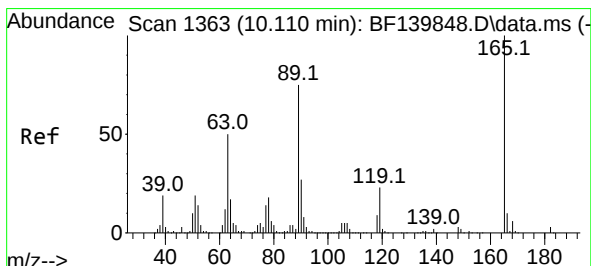
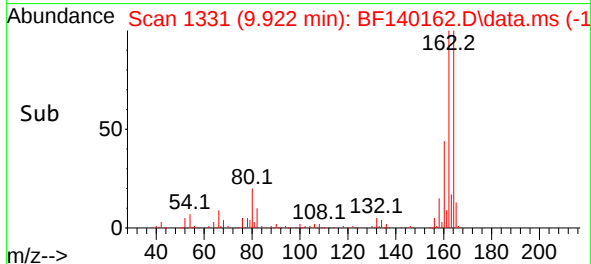
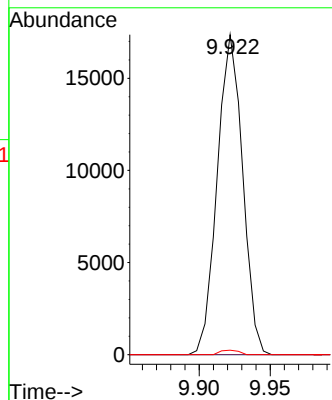
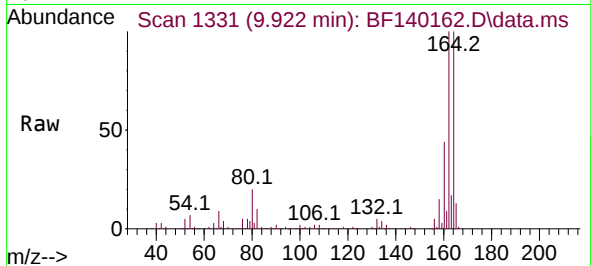




#51
2,6-Dinitrotoluene
Concen: 9.620 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140162.D
Acq: 30 Oct 2024 17:20

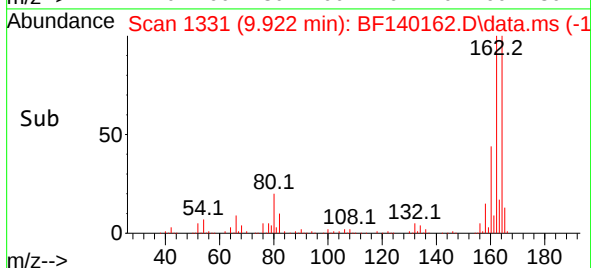
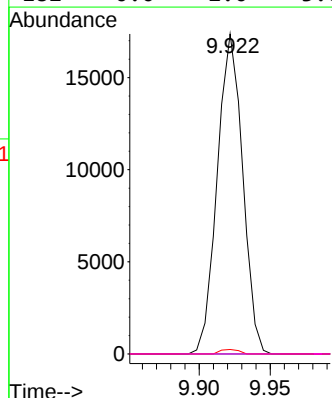
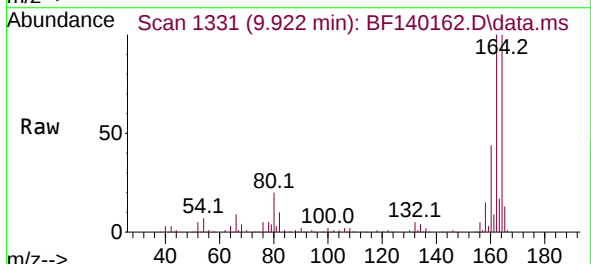
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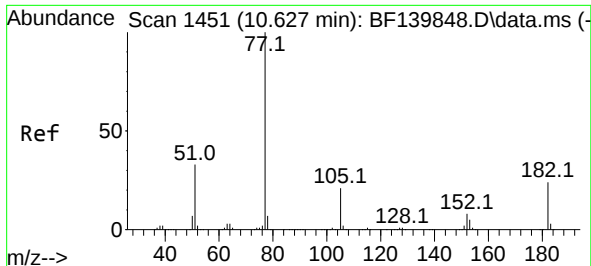
Tgt Ion:165 Resp: 21586
Ion Ratio Lower Upper
165 100
63 0.0 50.6 75.8#
89 1.4 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.823 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140162.D
Acq: 30 Oct 2024 17:20

Tgt Ion:165 Resp: 21586
Ion Ratio Lower Upper
165 100
63 0.0 40.1 60.1#
89 1.4 60.4 90.6#
182 0.0 2.0 3.0#

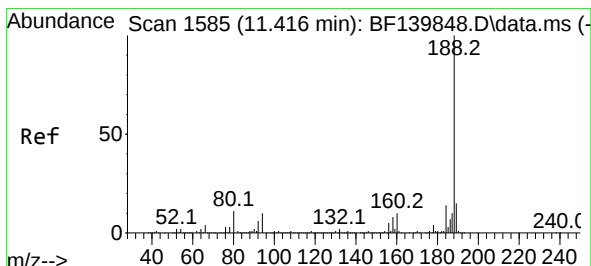
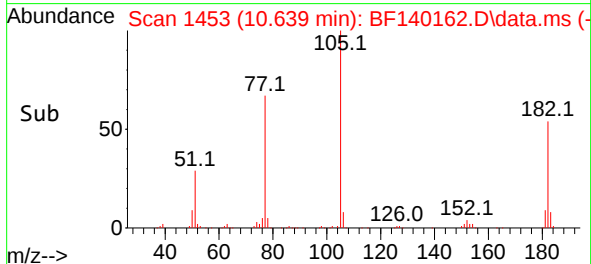
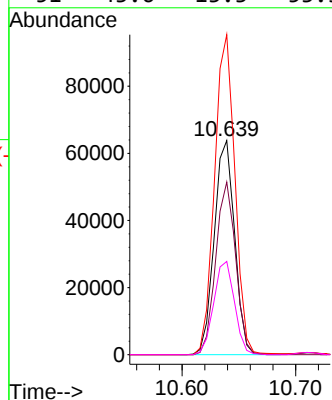
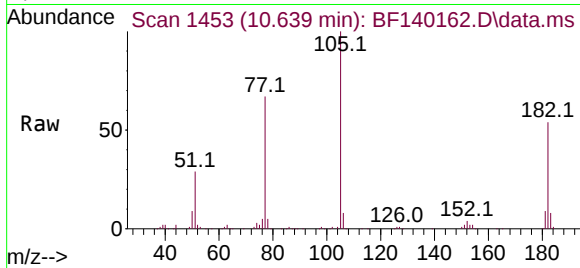




#63
Azobenzene
Concen: 7.391 ng
RT: 10.639 min Scan# 1451
Delta R.T. 0.012 min
Lab File: BF140162.D
Acq: 30 Oct 2024 17:20

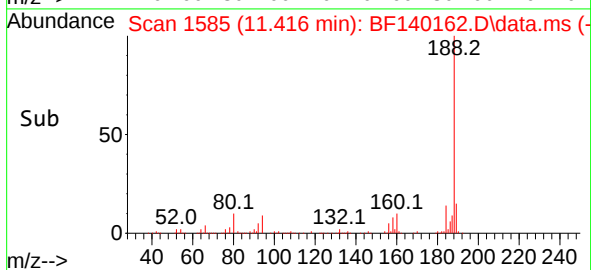
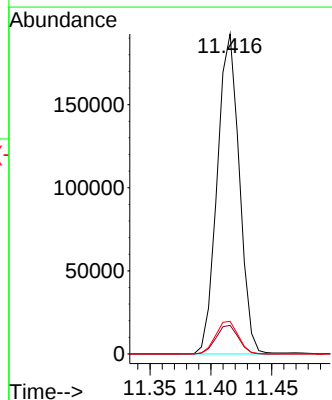
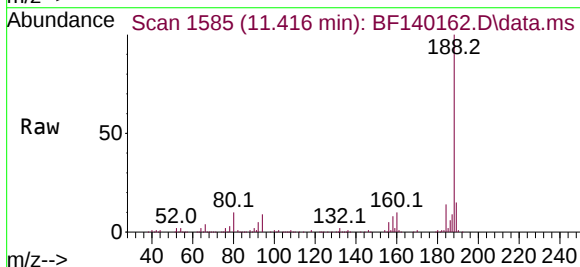
Instrument :
BNA_F
ClientSampleId :
TP-1

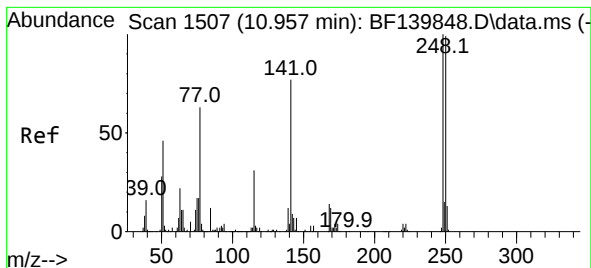
Tgt Ion: 77	Resp: 79727
Ion Ratio	Lower Upper
77 100	
182 80.7	3.3 43.3#
105 149.5	1.2 41.2#
51 43.6	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF140162.D
Acq: 30 Oct 2024 17:20

Tgt Ion: 188	Resp: 243409
Ion Ratio	Lower Upper
188 100	
94 9.0	7.9 11.9
80 10.2	9.0 13.4

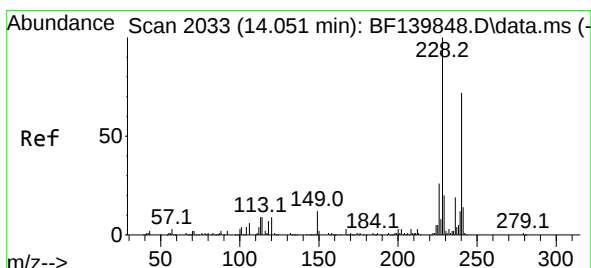
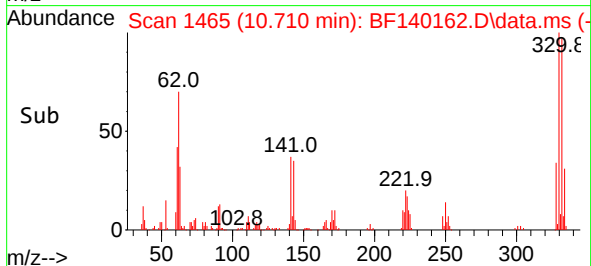
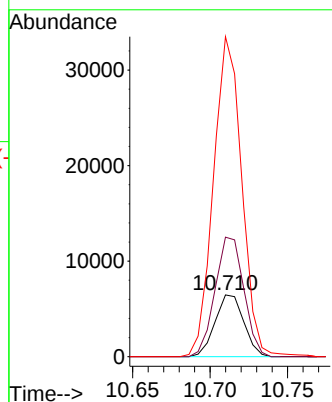
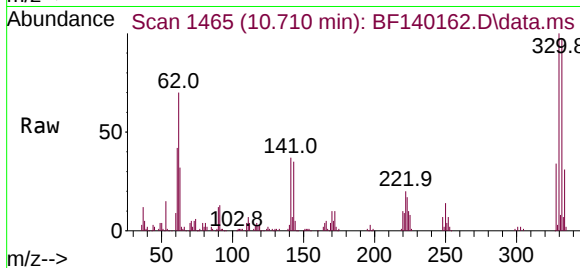




#67
4-Bromophenyl-phenylether
Concen: 3.327 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140162.D
Acq: 30 Oct 2024 17:20

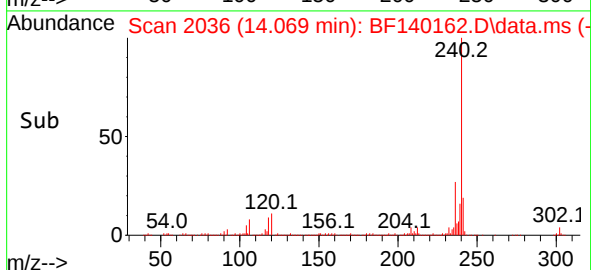
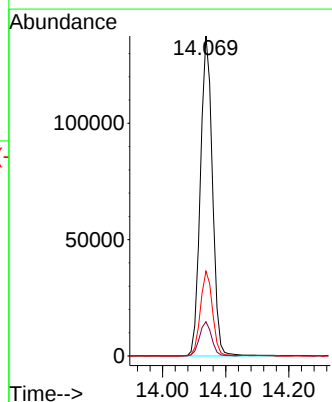
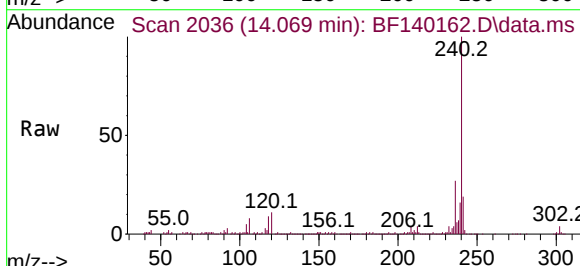
Instrument :
BNA_F
ClientSampleId :
TP-1

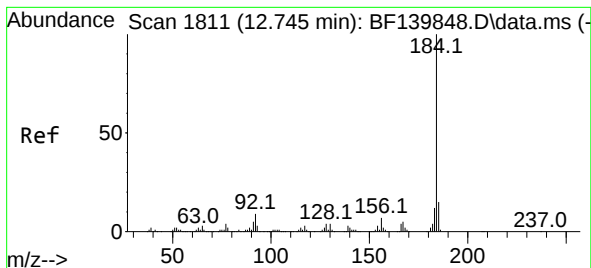
Tgt Ion:248 Resp: 8343
Ion Ratio Lower Upper
248 100
250 193.5 79.0 118.6#
141 518.2 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2036
Delta R.T. 0.018 min
Lab File: BF140162.D
Acq: 30 Oct 2024 17:20

Tgt Ion:240 Resp: 181975
Ion Ratio Lower Upper
240 100
120 10.7 9.4 14.2
236 26.5 20.9 31.3





#77

Benzidine

Concen: 2.600 ng

RT: 13.004 min Scan# 1855

Delta R.T. 0.259 min

Lab File: BF140162.D

Acq: 30 Oct 2024 17:20

Instrument :

BNA_F

ClientSampleId :

TP-1

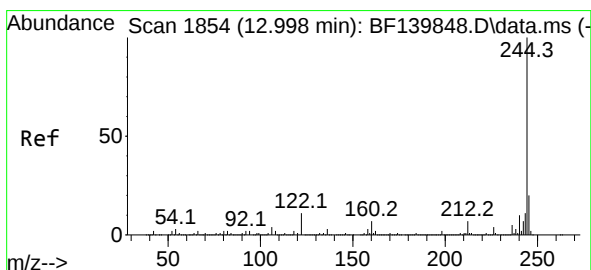
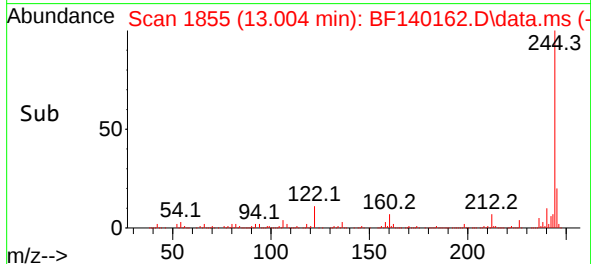
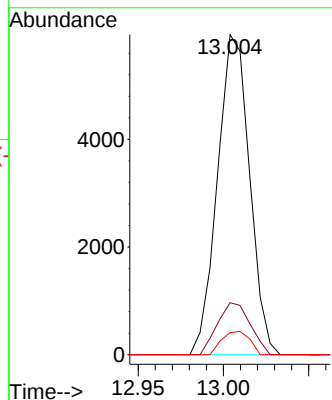
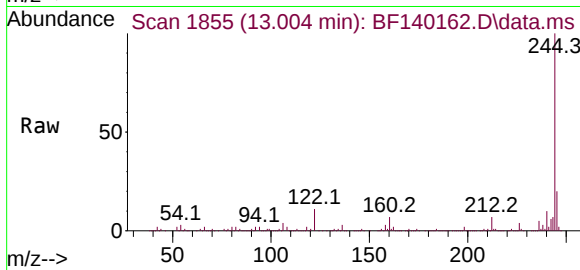
Tgt Ion:184 Resp: 7779

Ion Ratio Lower Upper

184 100

185 16.2 12.0 18.0

183 6.9 9.4 14.2#



#79

Terphenyl-d14

Concen: 48.814 ng

RT: 13.004 min Scan# 1855

Delta R.T. 0.006 min

Lab File: BF140162.D

Acq: 30 Oct 2024 17:20

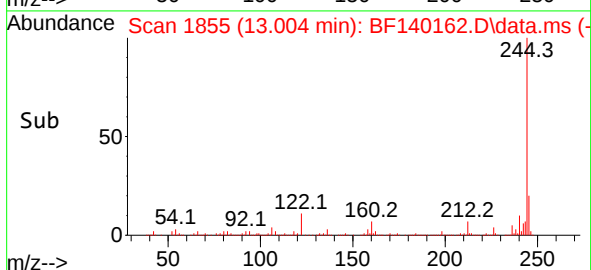
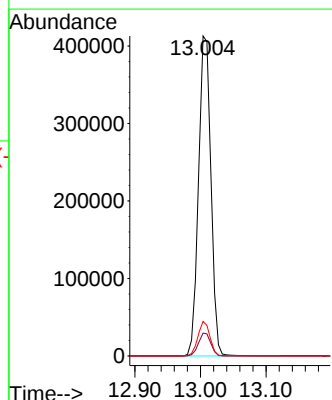
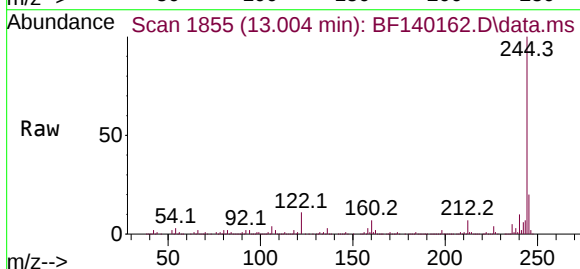
Tgt Ion:244 Resp: 545138

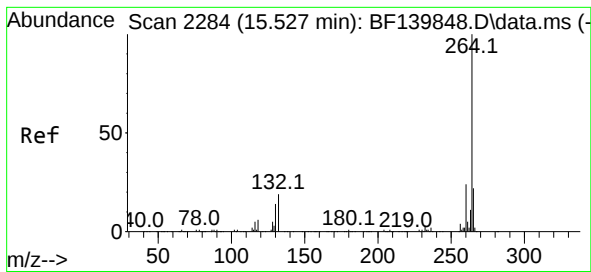
Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 10.8 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF140162.D
Acq: 30 Oct 2024 17:20

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:264 Resp: 186922
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.2
265 21.3 17.4 26.0

