

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
 Data File : BF140155.D
 Acq On : 30 Oct 2024 14:14
 Operator : RC/JU
 Sample : P4611-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Oct 30 14:53:39 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)

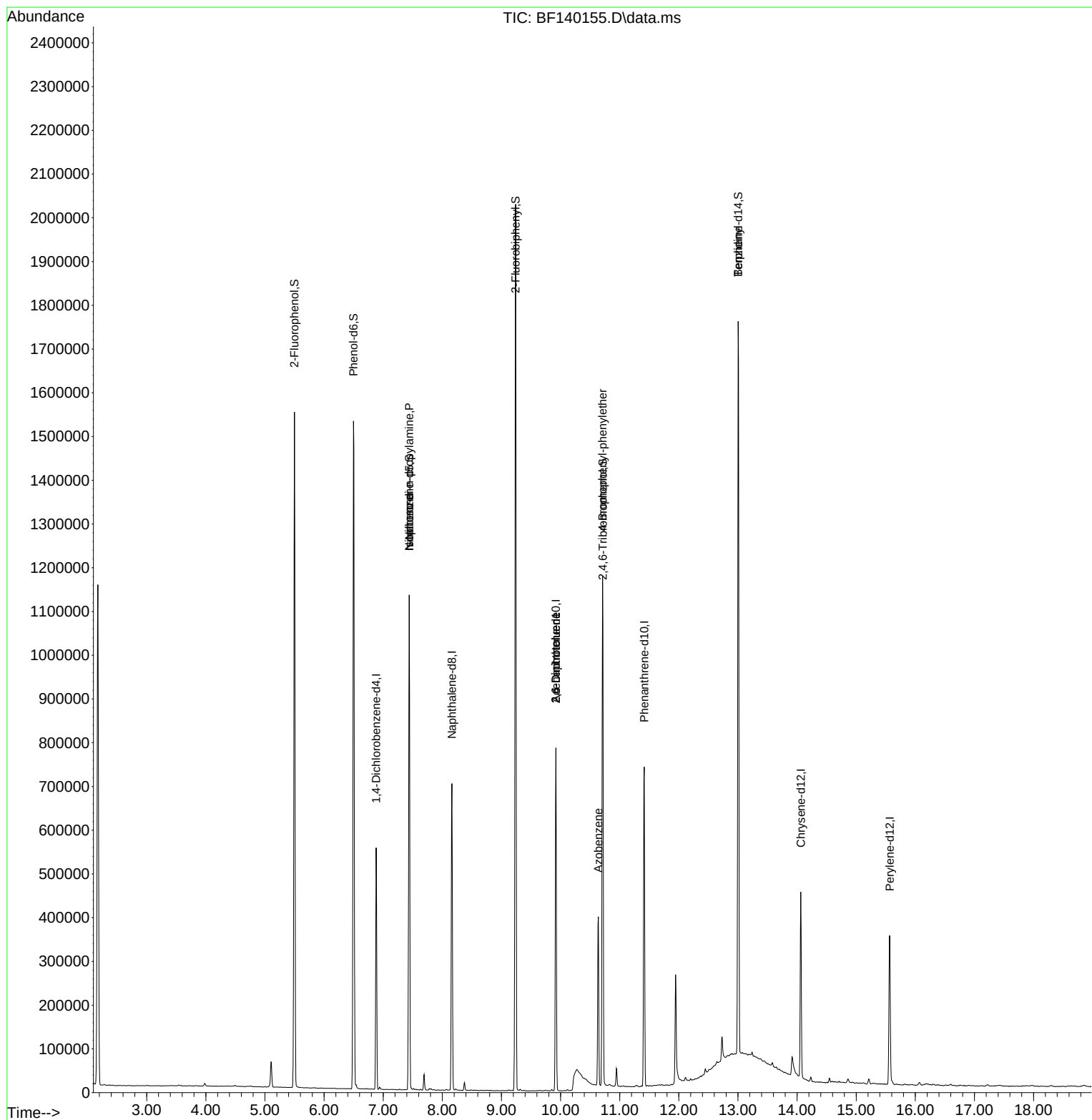
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	107961	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	415665	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	224597	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	392876	20.000	ng	0.00
76) Chrysene-d12	14.062	240	198282	20.000	ng	0.01
86) Perylene-d12	15.568	264	210630	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	541297	78.491	ng	0.00
7) Phenol-d6	6.498	99	707537	79.215	ng	-0.01
23) Nitrobenzene-d5	7.439	82	482524	64.338	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	187941	89.461	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	888094	65.350	ng	-0.01
79) Terphenyl-d14	13.004	244	846346	69.553	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	64685	11.941	ng	# 79
25) Isophorone	7.439	82	480107	33.728	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	29581	9.766	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	29581	7.941	ng	# 21
63) Azobenzene	10.639	77	101623	6.979	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	12548	3.100	ng	# 1
77) Benzidine	13.004	184	11222	3.442	ng	# 91

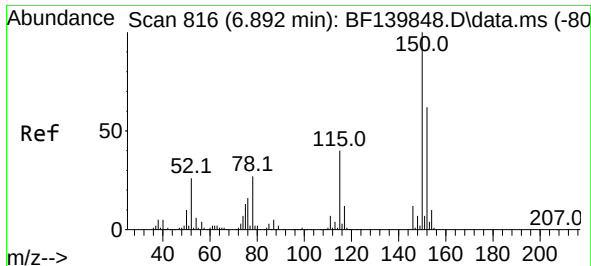
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140155.D
Acq On : 30 Oct 2024 14:14
Operator : RC/JU
Sample : P4611-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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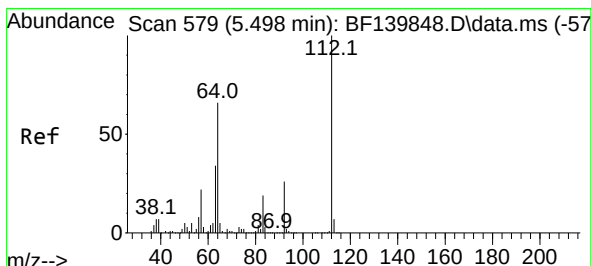
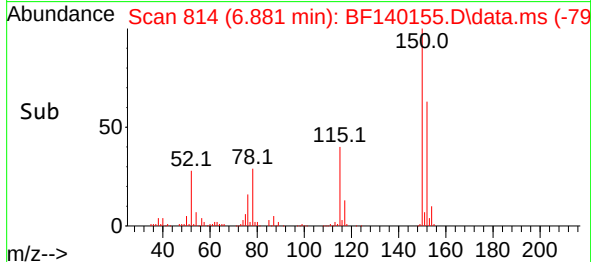
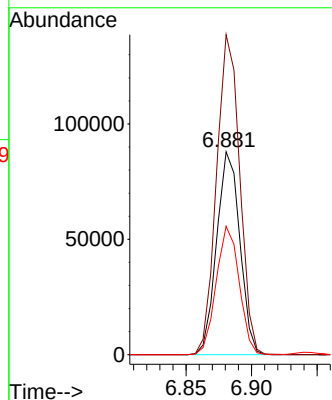
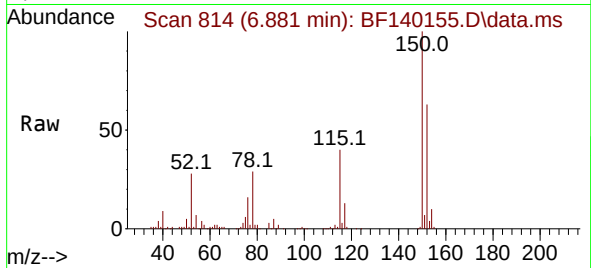




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.011 min
Lab File: BF140155.D
Acq: 30 Oct 2024 14:14

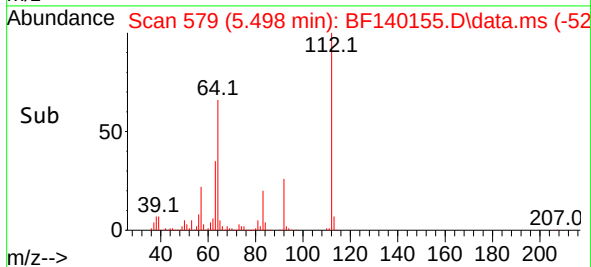
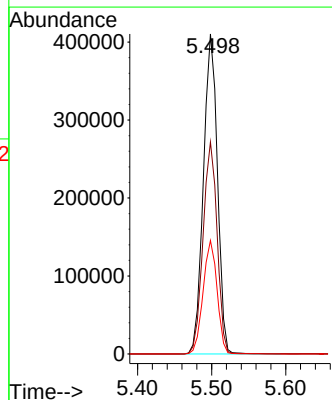
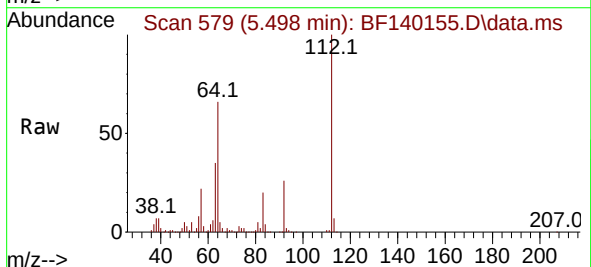
Instrument :
BNA_F
ClientSampleId :
TP-4

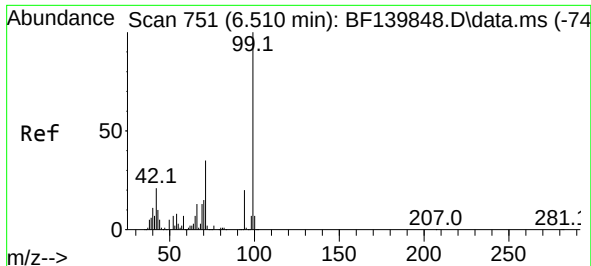
Tgt Ion:152 Resp: 107961
Ion Ratio Lower Upper
152 100
150 157.7 130.2 195.2
115 63.2 51.4 77.2



#5
2-Fluorophenol
Concen: 78.491 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140155.D
Acq: 30 Oct 2024 14:14

Tgt Ion:112 Resp: 541297
Ion Ratio Lower Upper
112 100
64 66.3 53.0 79.6
63 35.4 27.0 40.4



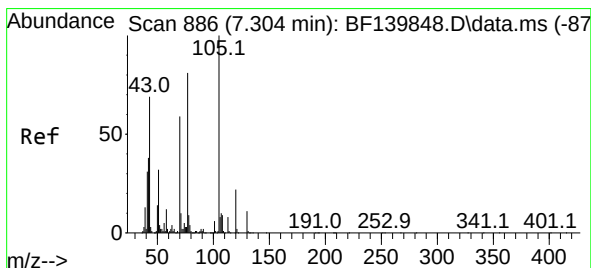
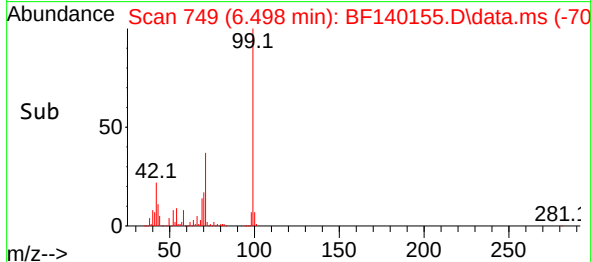
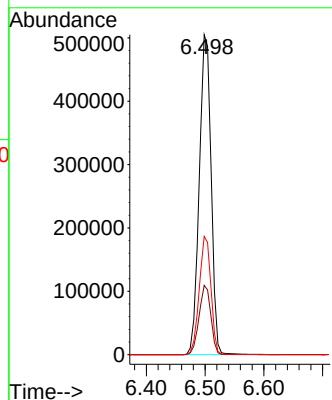
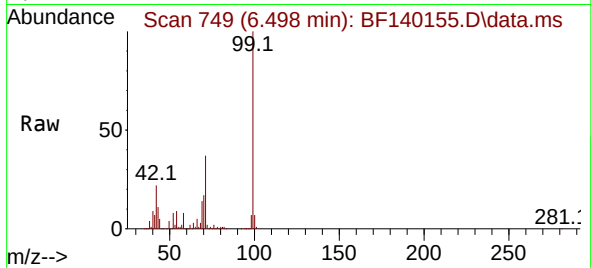


#7
Phenol-d6
Concen: 79.215 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF140155.D
Acq: 30 Oct 2024 14:14

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion: 99 Resp: 707537

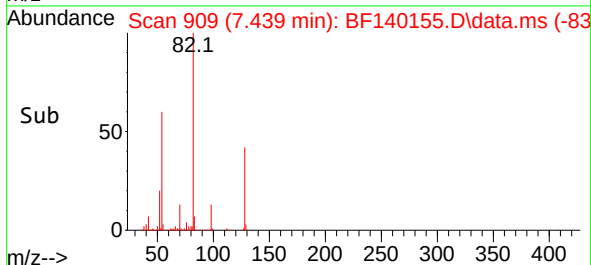
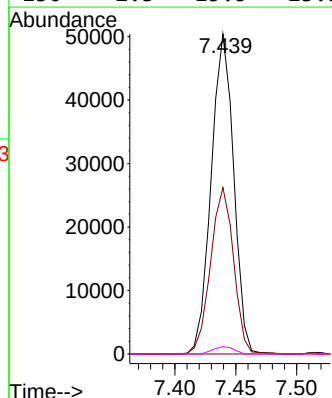
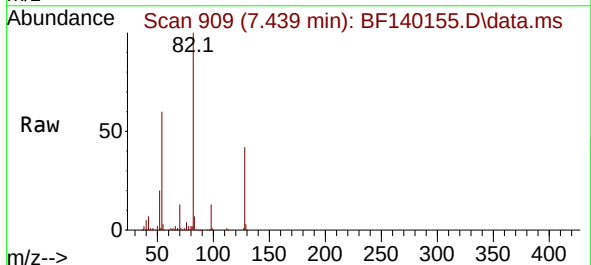
Ion	Ratio	Lower	Upper
99	100		
42	21.7	16.7	25.1
71	37.0	27.7	41.5

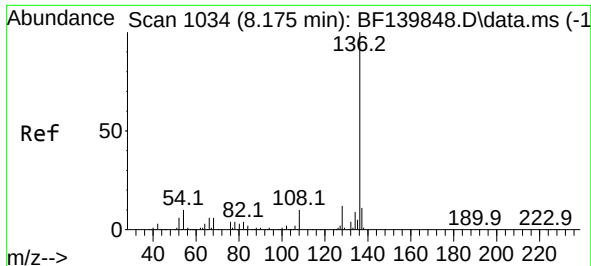


#19
n-Nitroso-di-n-propylamine
Concen: 11.941 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.135 min
Lab File: BF140155.D
Acq: 30 Oct 2024 14:14

Tgt Ion: 70 Resp: 64685

Ion	Ratio	Lower	Upper
70	100		
42	52.0	51.5	77.3
101	0.0	7.5	11.3#
130	2.3	15.5	23.3#



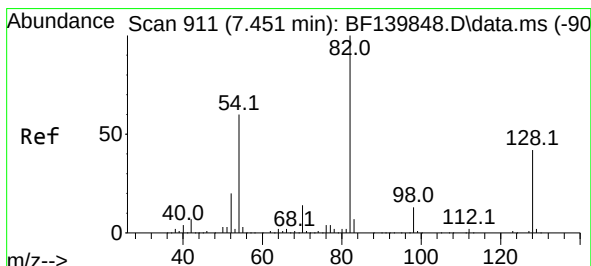
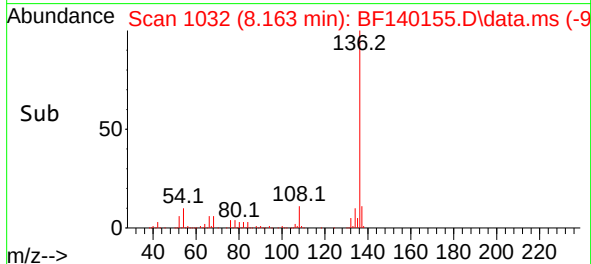
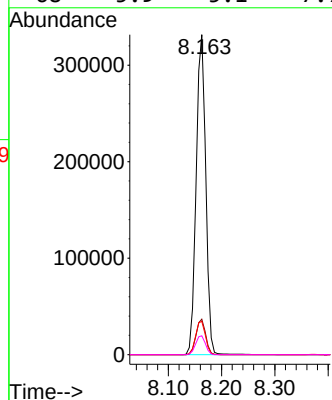
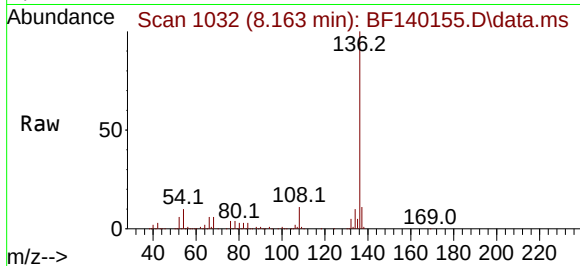


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF140155.D
Acq: 30 Oct 2024 14:14

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:136 Resp: 415665

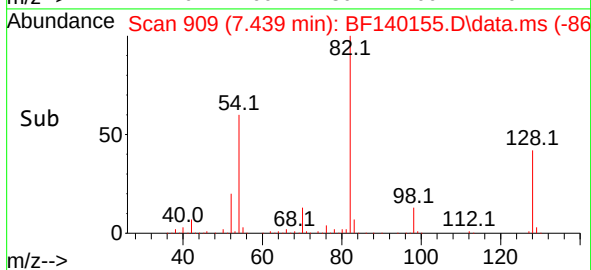
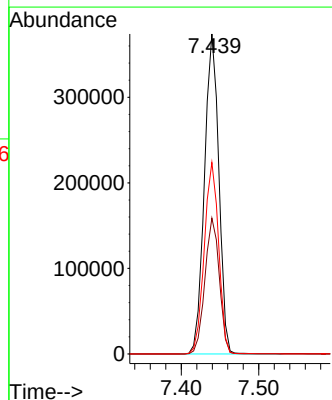
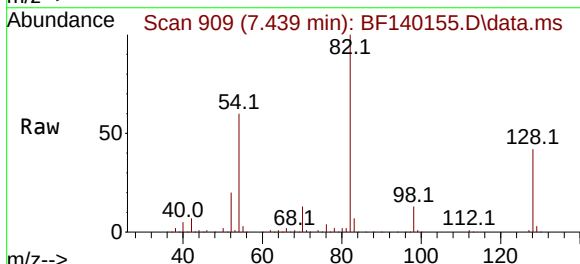
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	10.4	8.4	12.6
68	5.9	5.1	7.7

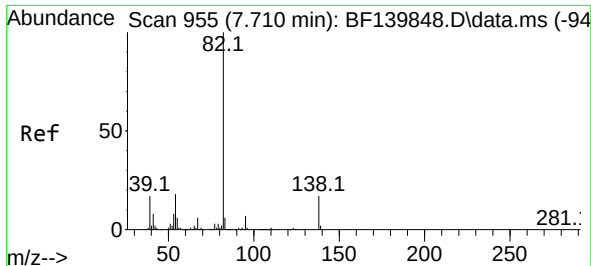


#23
Nitrobenzene-d5
Concen: 64.338 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140155.D
Acq: 30 Oct 2024 14:14

Tgt Ion: 82 Resp: 482524

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.4	50.0
54	59.9	47.8	71.8

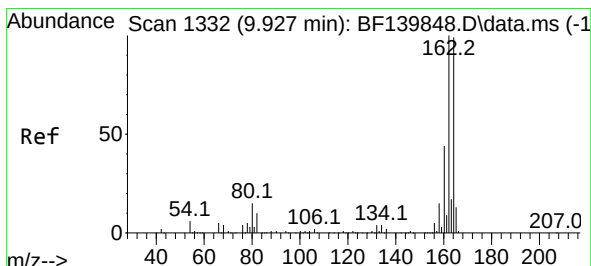
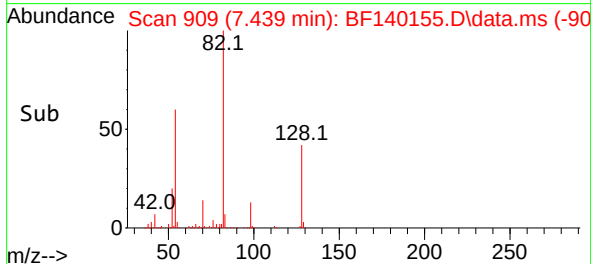
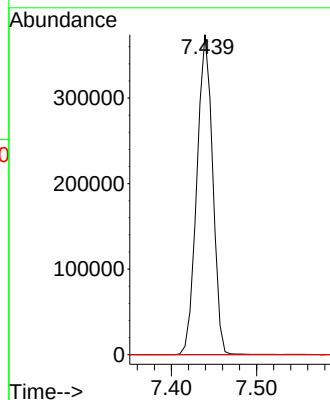
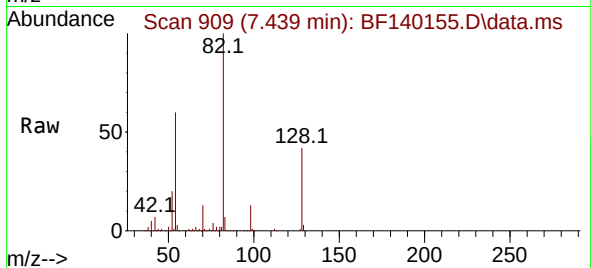




#25
Isophorone
Concen: 33.728 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.271 min
Lab File: BF140155.D
Acq: 30 Oct 2024 14:14

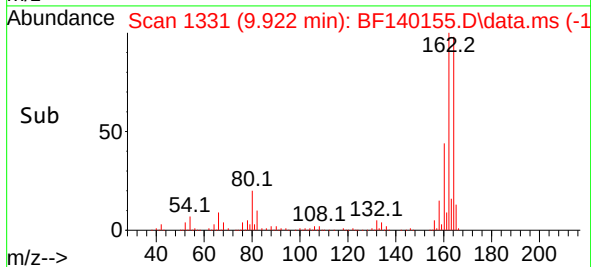
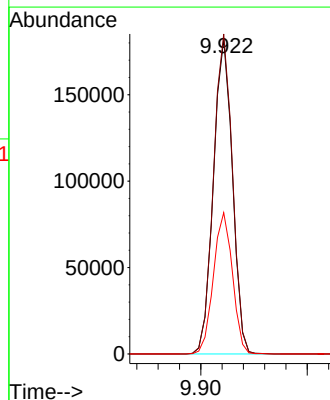
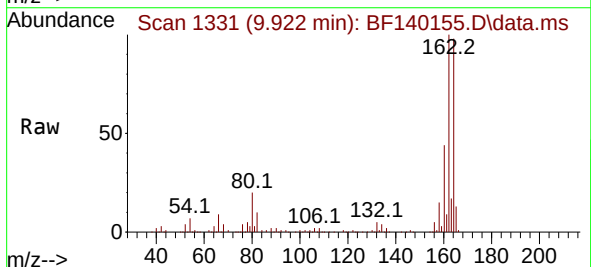
Instrument :
BNA_F
ClientSampleId :
TP-4

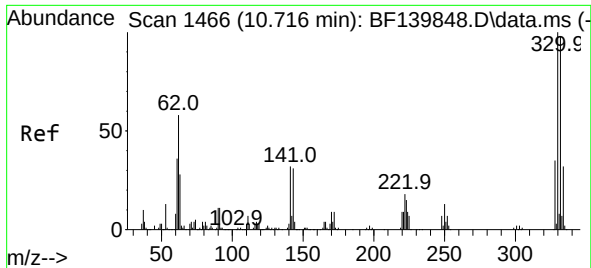
Tgt Ion: 82 Resp: 480107
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140155.D
Acq: 30 Oct 2024 14:14

Tgt Ion:164 Resp: 224597
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.4
160 44.9 35.4 53.0

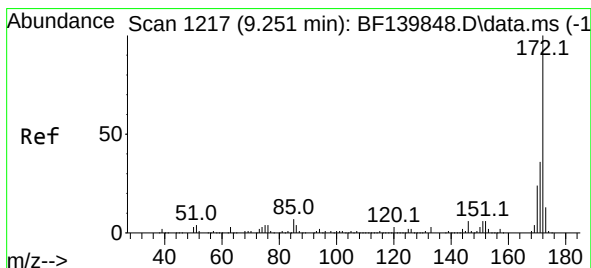
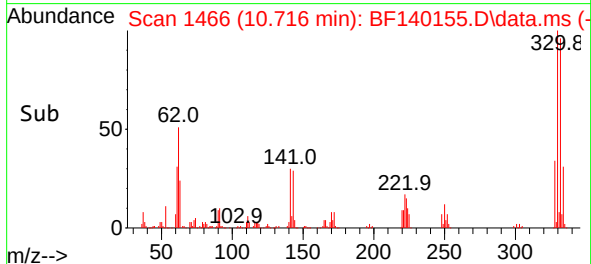
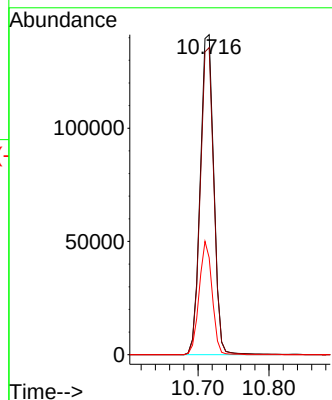
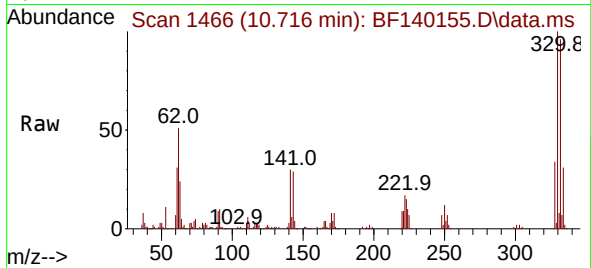




#42
2,4,6-Tribromophenol
Concen: 89.461 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140155.D
Acq: 30 Oct 2024 14:14

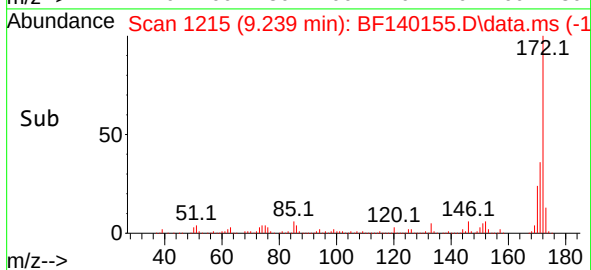
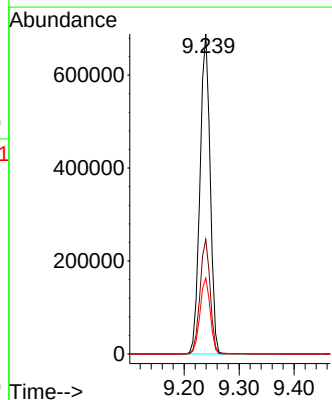
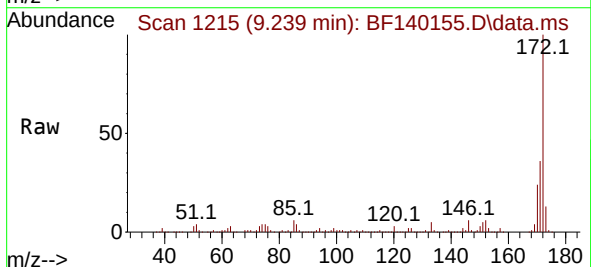
Instrument :
BNA_F
ClientSampleId :
TP-4

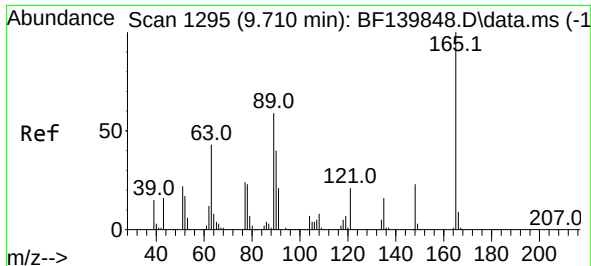
Tgt Ion:330 Resp: 187941
Ion Ratio Lower Upper
330 100
332 95.7 78.1 117.1
141 33.8 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 65.350 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140155.D
Acq: 30 Oct 2024 14:14

Tgt Ion:172 Resp: 888094
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.8 19.1 28.7

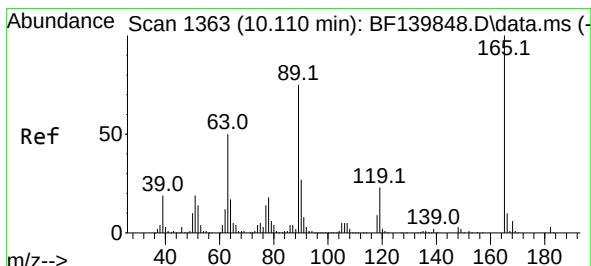
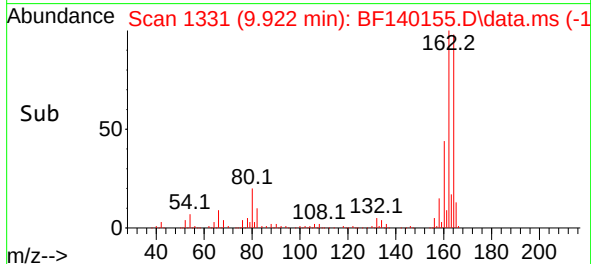
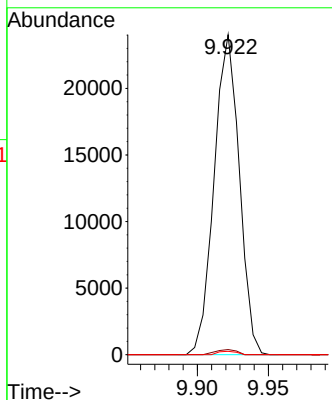
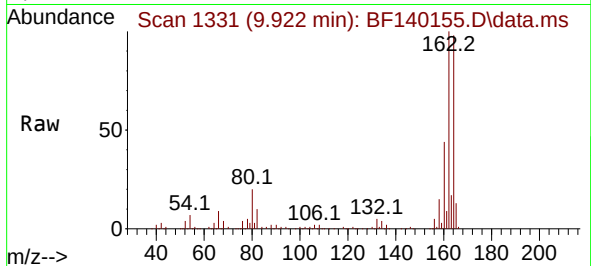




#51
2,6-Dinitrotoluene
Concen: 9.766 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140155.D
Acq: 30 Oct 2024 14:14

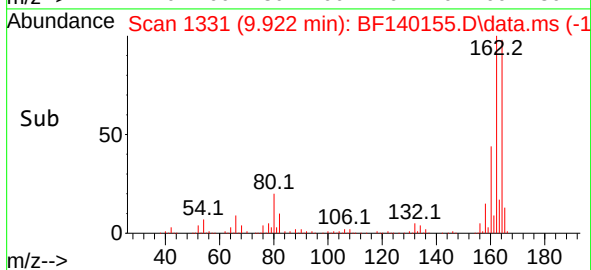
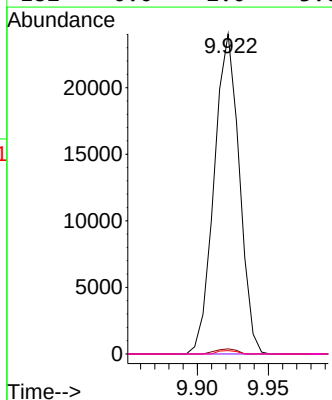
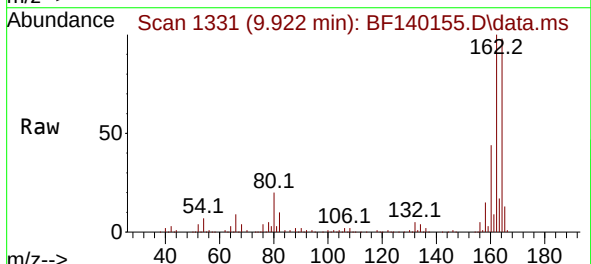
Instrument :
BNA_F
ClientSampleId :
TP-4

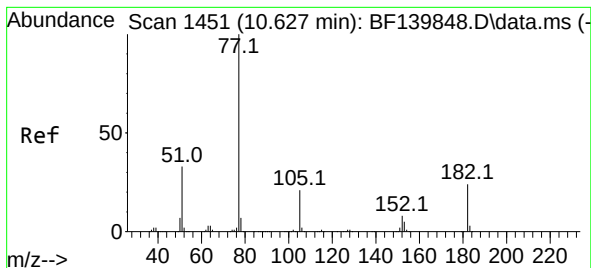
Tgt Ion:165 Resp: 29581
Ion Ratio Lower Upper
165 100
63 1.6 50.6 75.8#
89 1.0 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.941 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140155.D
Acq: 30 Oct 2024 14:14

Tgt Ion:165 Resp: 29581
Ion Ratio Lower Upper
165 100
63 1.6 40.1 60.1#
89 1.0 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 6.979 ng

RT: 10.639 min Scan# 1451

Delta R.T. 0.012 min

Lab File: BF140155.D

Acq: 30 Oct 2024 14:14

Instrument :

BNA_F

ClientSampleId :

TP-4

Tgt Ion: 77 Resp: 101623

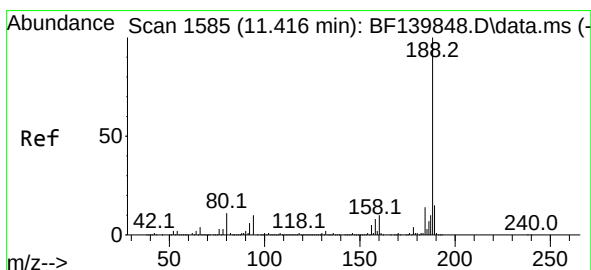
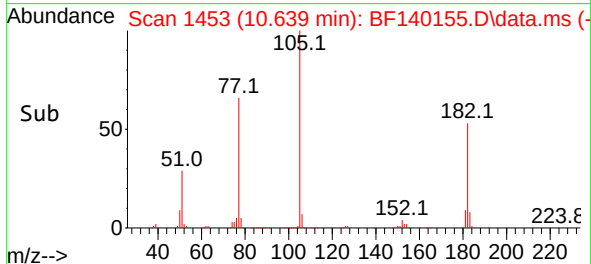
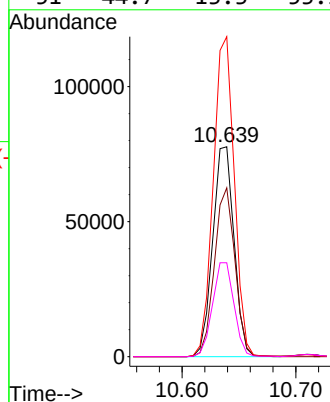
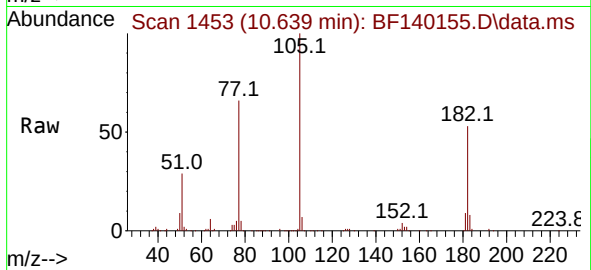
Ion Ratio Lower Upper

77 100

182 80.4 3.3 43.3#

105 152.4 1.2 41.2#

51 44.7 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: BF140155.D

Acq: 30 Oct 2024 14:14

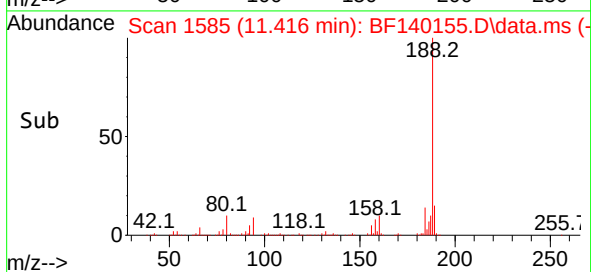
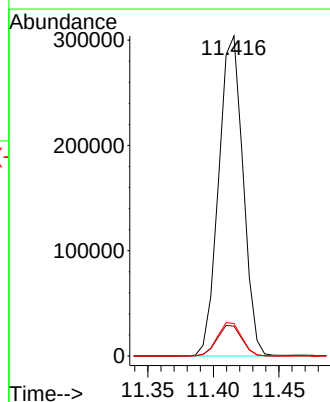
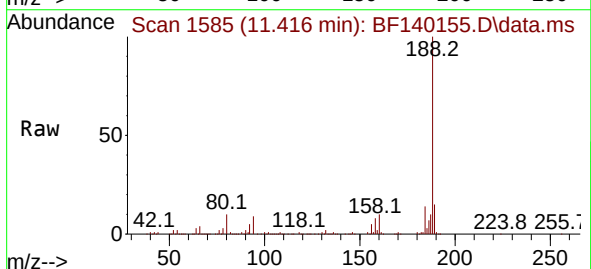
Tgt Ion: 188 Resp: 392876

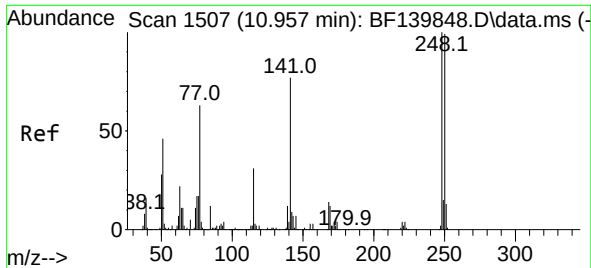
Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 10.1 9.0 13.4

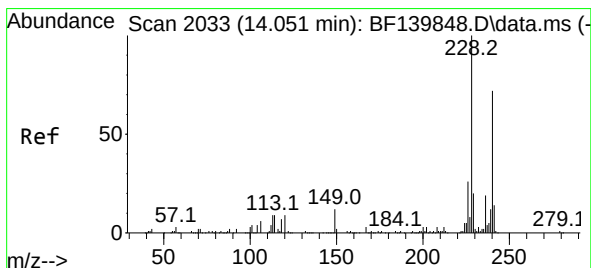
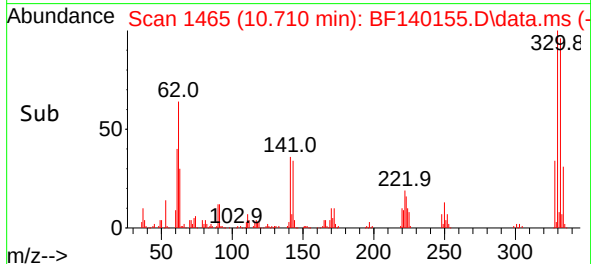
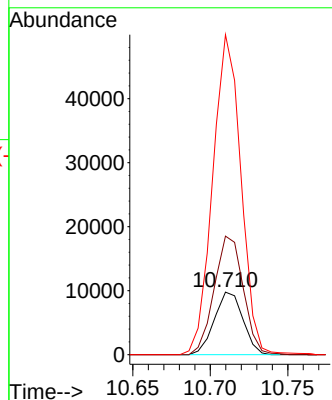
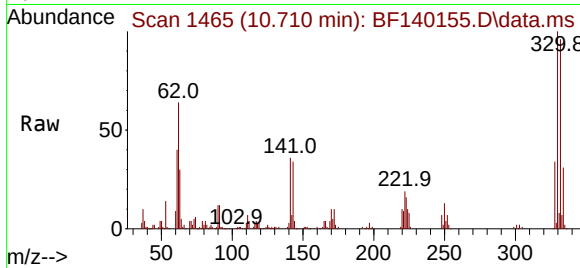




#67
4-Bromophenyl-phenylether
Concen: 3.100 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140155.D
Acq: 30 Oct 2024 14:14

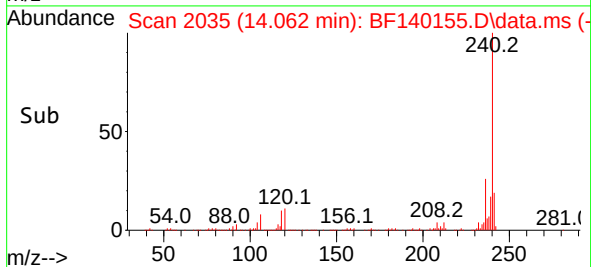
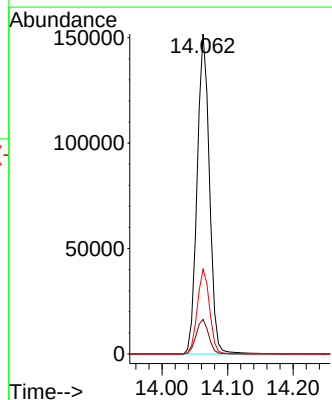
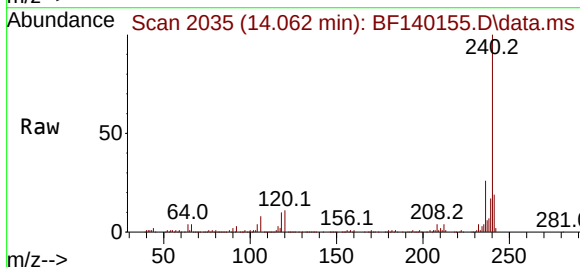
Instrument :
BNA_F
ClientSampleId :
TP-4

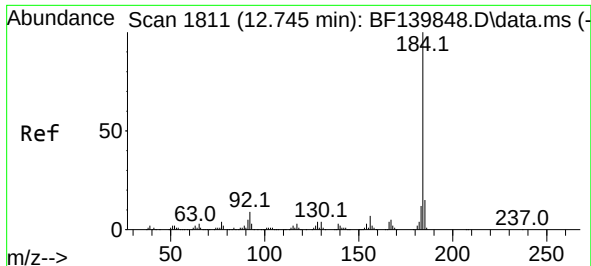
Tgt Ion:248 Resp: 12548
Ion Ratio Lower Upper
248 100
250 189.5 79.0 118.6#
141 511.6 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2035
Delta R.T. 0.012 min
Lab File: BF140155.D
Acq: 30 Oct 2024 14:14

Tgt Ion:240 Resp: 198282
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.2
236 26.4 20.9 31.3

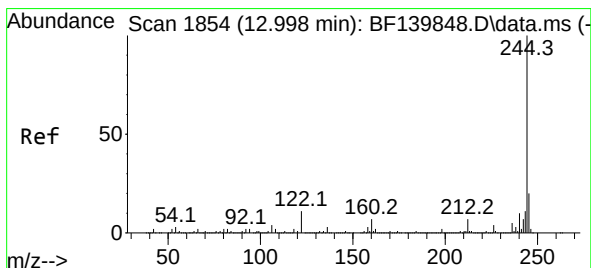
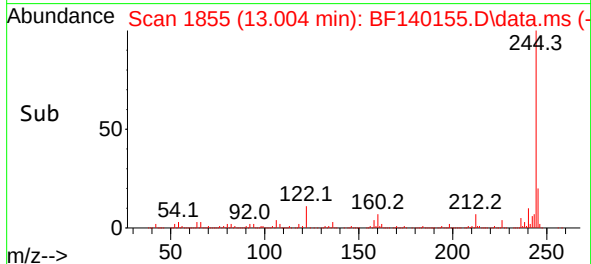
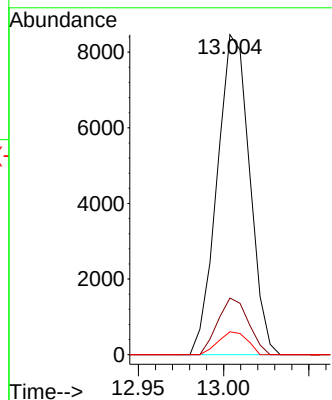
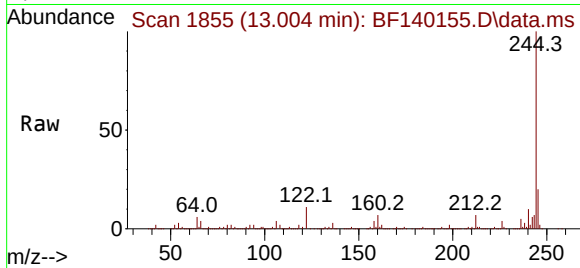




#77
Benzidine
Concen: 3.442 ng
RT: 13.004 min Scan# 1855
Delta R.T. 0.259 min
Lab File: BF140155.D
Acq: 30 Oct 2024 14:14

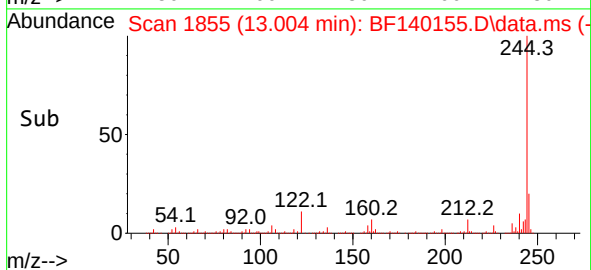
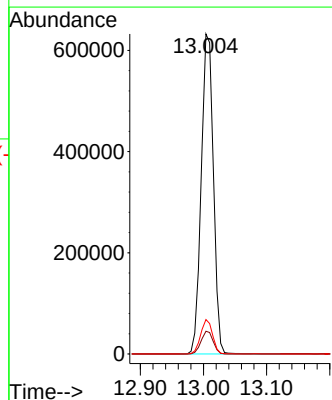
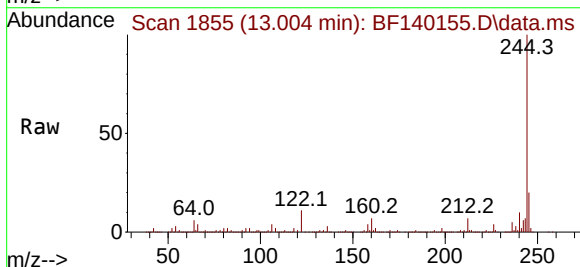
Instrument :
BNA_F
ClientSampleId :
TP-4

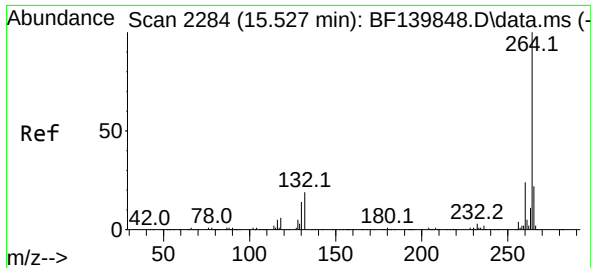
Tgt Ion:184 Resp: 11222
Ion Ratio Lower Upper
184 100
185 17.7 12.0 18.0
183 7.1 9.4 14.2#



#79
Terphenyl-d14
Concen: 69.553 ng
RT: 13.004 min Scan# 1855
Delta R.T. 0.006 min
Lab File: BF140155.D
Acq: 30 Oct 2024 14:14

Tgt Ion:244 Resp: 846346
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: 15.568 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF140155.D
Acq: 30 Oct 2024 14:14

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:264 Resp: 210630
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 20.7 17.4 26.0

