

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
 Data File : BF140190.D
 Acq On : 31 Oct 2024 15:42
 Operator : RC/JU
 Sample : P4594-09RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F16

Quant Time: Oct 31 16:20:09 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

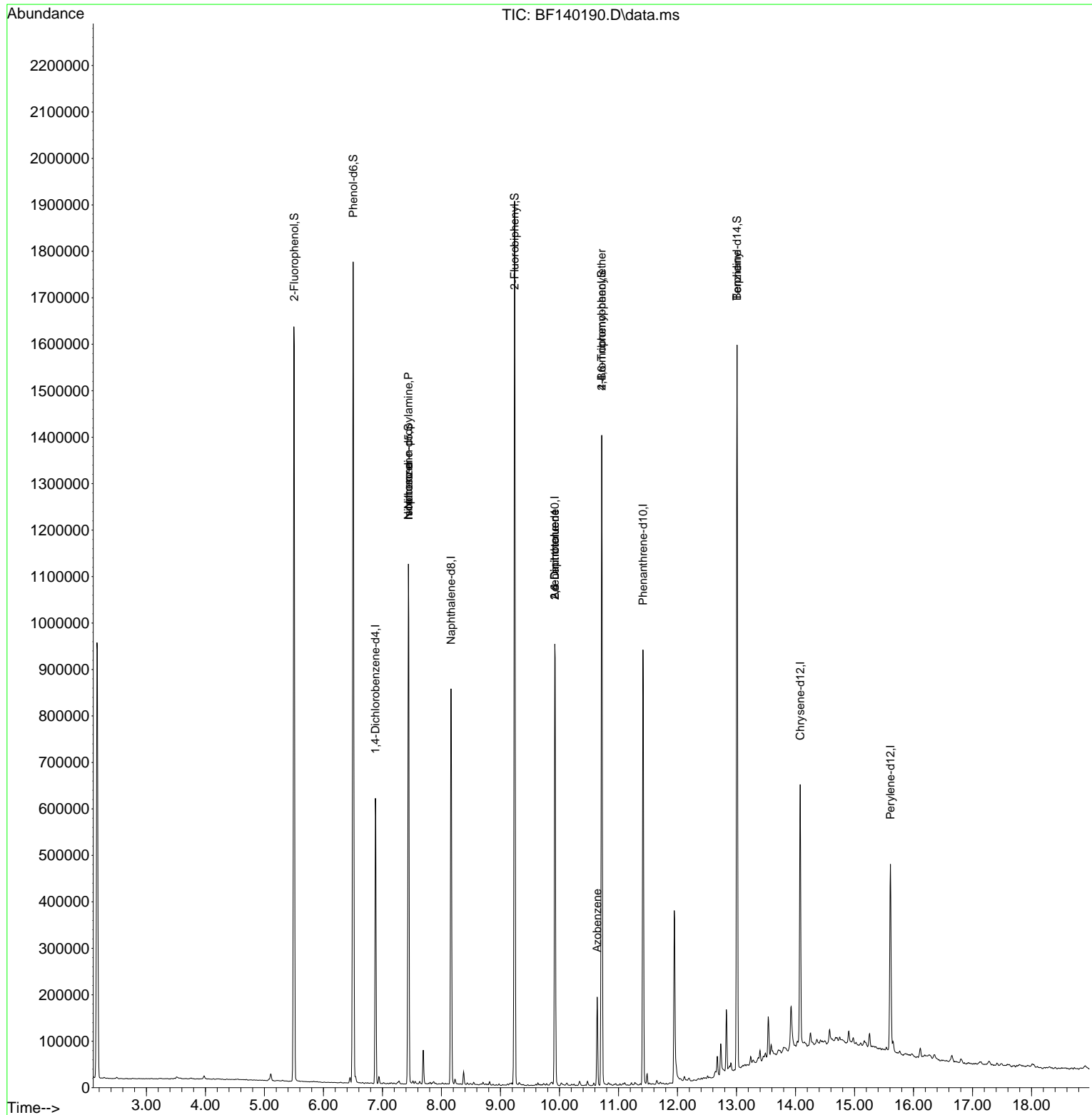
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	124527	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	504362	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	290211	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	493421	20.000	ng	0.00
76) Chrysene-d12	14.080	240	266578	20.000	ng	0.03
86) Perylene-d12	15.609	264	239048	20.000	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	604905	76.045	ng	0.00
7) Phenol-d6	6.504	99	807241	78.355	ng	0.00
23) Nitrobenzene-d5	7.439	82	488653	53.697	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	233667	86.080	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	824395	46.948	ng	-0.01
79) Terphenyl-d14	13.010	244	762793	46.626	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	66590	10.657	ng	# 76
25) Isophorone	7.439	82	486384	28.160	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	38757	9.902	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	38757	8.052	ng	# 21
63) Azobenzene	10.639	77	49147	2.612	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	15096	2.970	ng	# 1
77) Benzidine	13.010	184	10138	2.313	ng	# 95

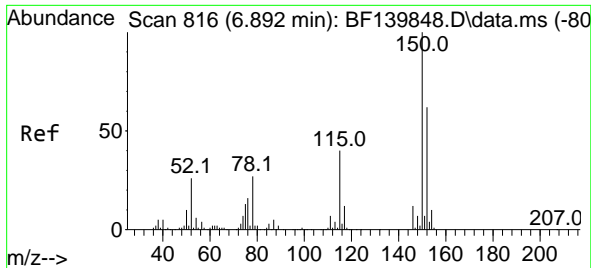
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
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 Misc :
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
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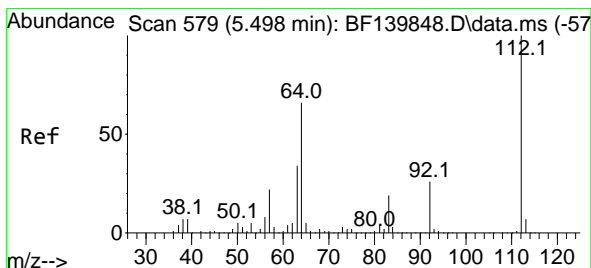
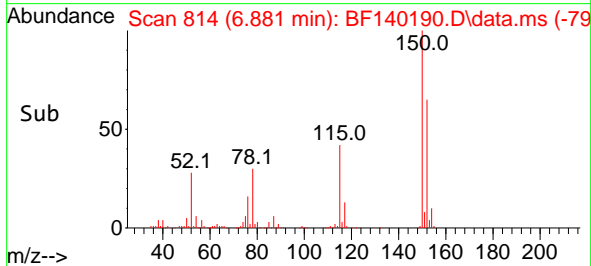
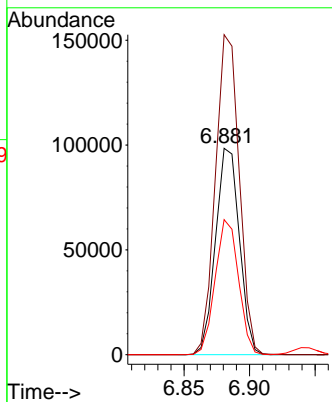
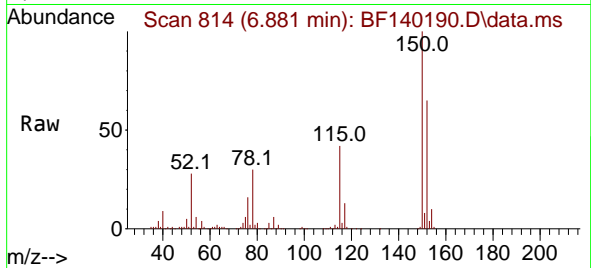




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.011 min
 Lab File: BF140190.D
 Acq: 31 Oct 2024 15:42

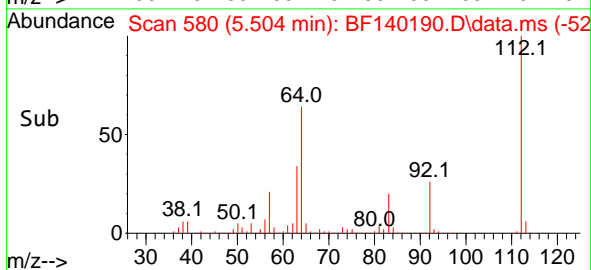
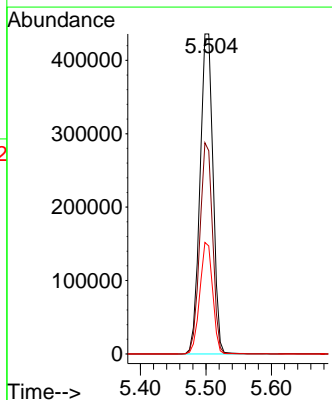
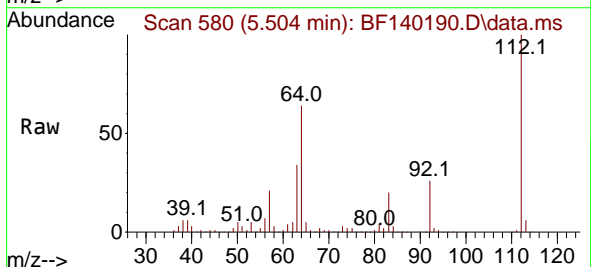
Instrument :
 BNA_F
 ClientSampleId :
 BP-F16

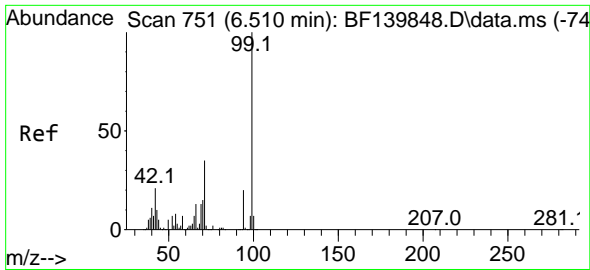
Tgt Ion:152 Resp: 124527
 Ion Ratio Lower Upper
 152 100
 150 155.0 130.2 195.2
 115 65.4 51.4 77.2



#5
 2-Fluorophenol
 Concen: 76.045 ng
 RT: 5.504 min Scan# 580
 Delta R.T. 0.006 min
 Lab File: BF140190.D
 Acq: 31 Oct 2024 15:42

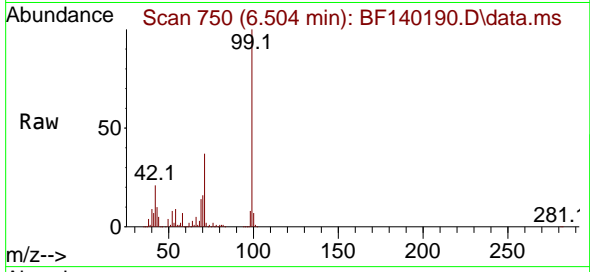
Tgt Ion:112 Resp: 604905
 Ion Ratio Lower Upper
 112 100
 64 63.5 53.0 79.6
 63 33.8 27.0 40.4





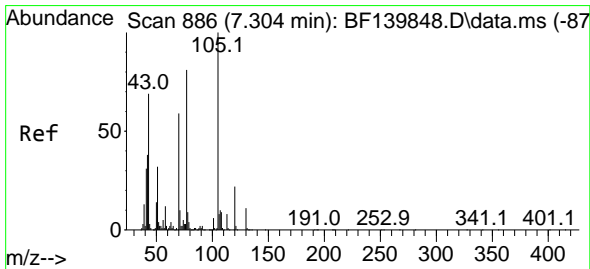
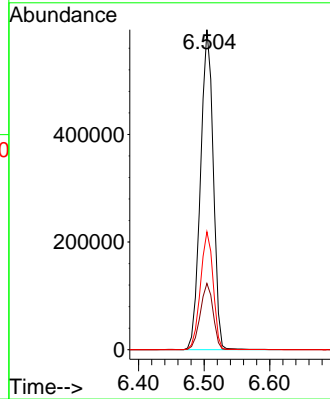
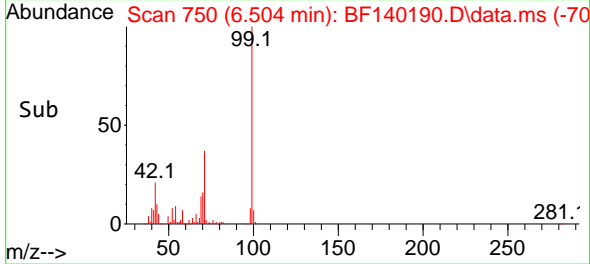
#7
 Phenol-d6
 Concen: 78.355 ng
 RT: 6.504 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF140190.D
 Acq: 31 Oct 2024 15:42

Instrument :
 BNA_F
 ClientSampleId :
 BP-F16

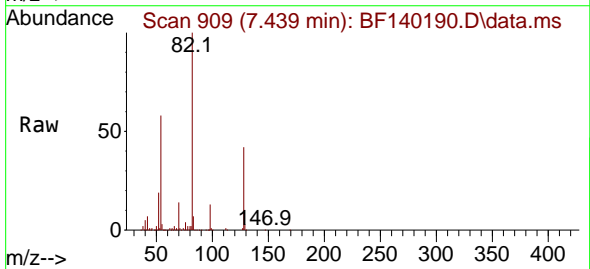


Tgt Ion: 99 Resp: 807241

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.7	25.1
71	36.8	27.7	41.5

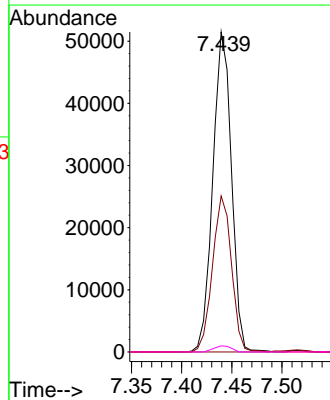
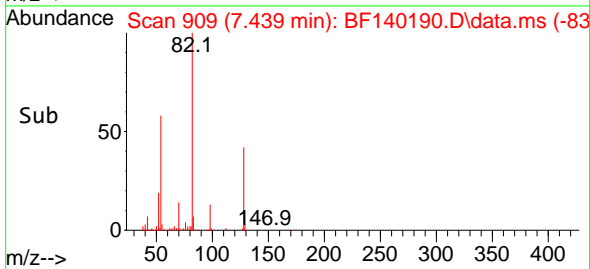


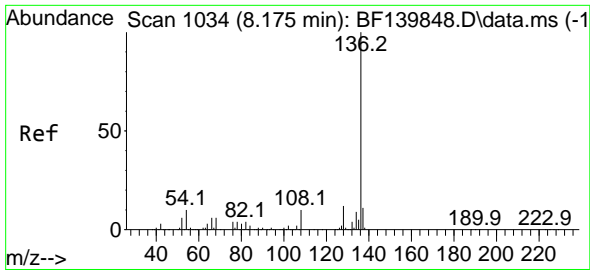
#19
 n-Nitroso-di-n-propylamine
 Concen: 10.657 ng
 RT: 7.439 min Scan# 909
 Delta R.T. 0.135 min
 Lab File: BF140190.D
 Acq: 31 Oct 2024 15:42



Tgt Ion: 70 Resp: 66590

Ion	Ratio	Lower	Upper
70	100		
42	48.7	51.5	77.3#
101	0.0	7.5	11.3#
130	1.9	15.5	23.3#



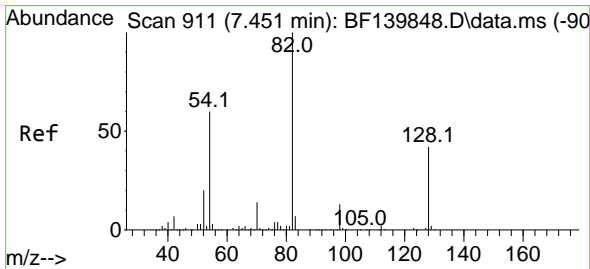
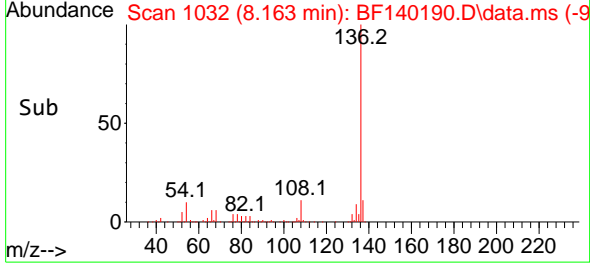
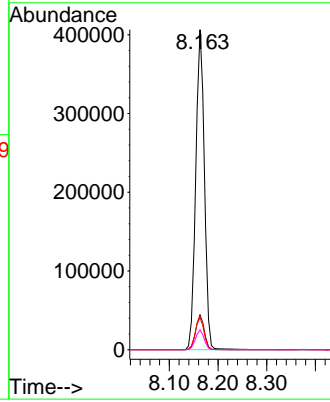
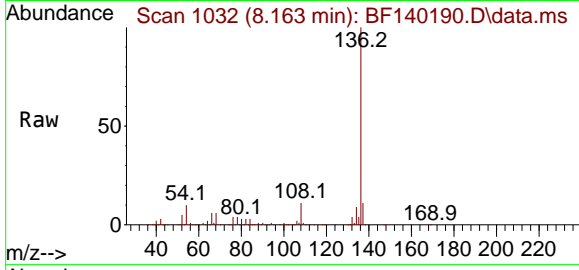


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.163 min Scan# 10
 Delta R.T. -0.012 min
 Lab File: BF140190.D
 Acq: 31 Oct 2024 15:42

Instrument :
 BNA_F
 ClientSampleId :
 BP-F16

Tgt Ion:136 Resp: 504362

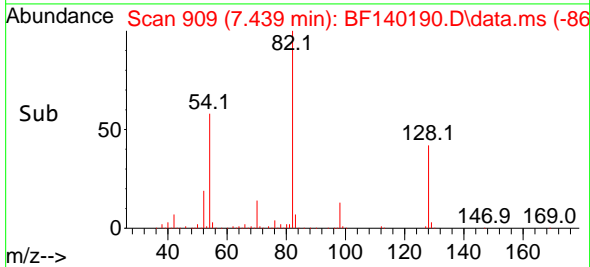
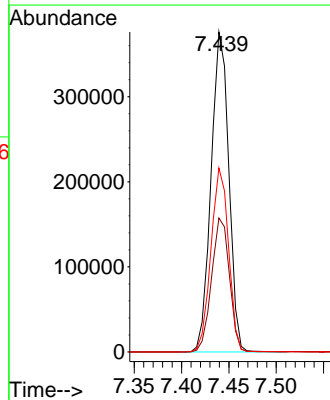
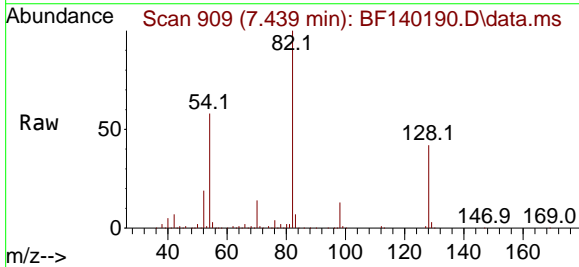
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.0	8.4	12.6
68	6.1	5.1	7.7

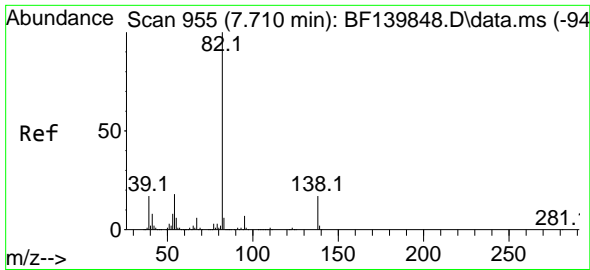


#23
 Nitrobenzene-d5
 Concen: 53.697 ng
 RT: 7.439 min Scan# 909
 Delta R.T. -0.012 min
 Lab File: BF140190.D
 Acq: 31 Oct 2024 15:42

Tgt Ion: 82 Resp: 488653

Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.4	50.0
54	57.5	47.8	71.8



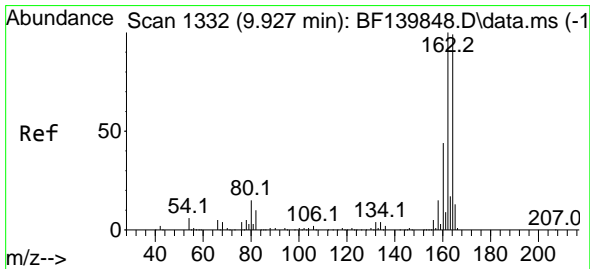
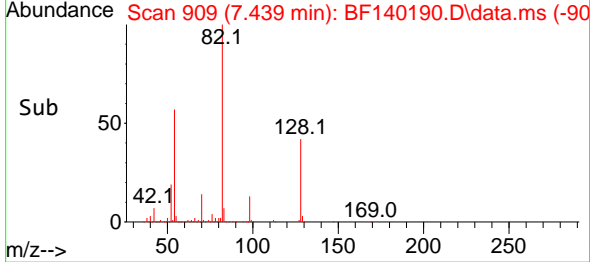
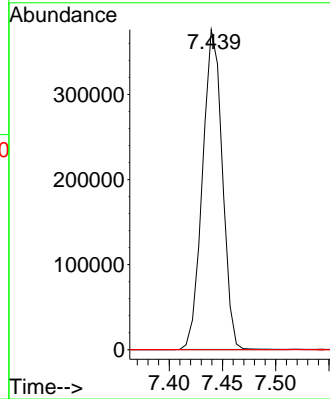
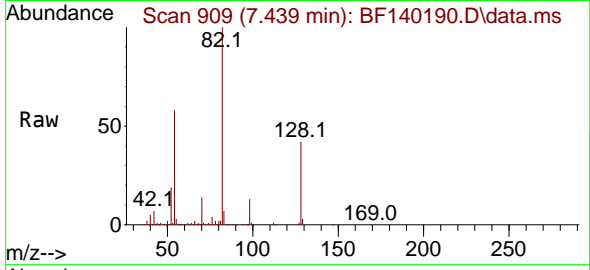


#25
 Isophorone
 Concen: 28.160 ng
 RT: 7.439 min Scan# 909
 Delta R.T. -0.271 min
 Lab File: BF140190.D
 Acq: 31 Oct 2024 15:42

Instrument :
 BNA_F
 ClientSampleId :
 BP-F16

Tgt Ion: 82 Resp: 486384

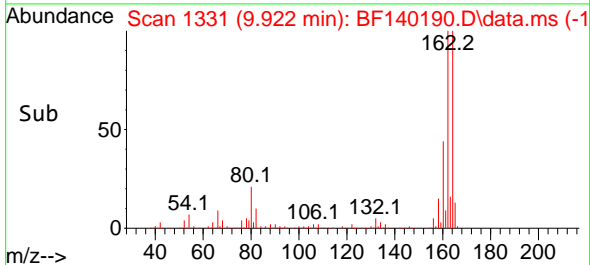
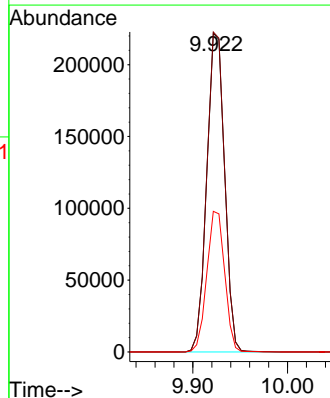
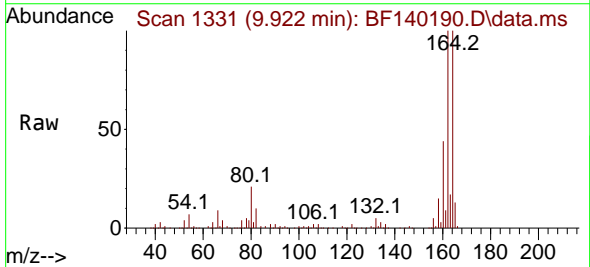
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	13.2	19.8#

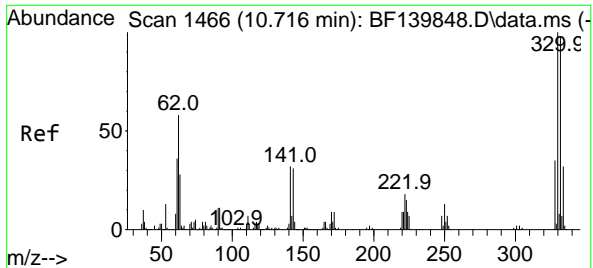


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.922 min Scan# 1331
 Delta R.T. -0.005 min
 Lab File: BF140190.D
 Acq: 31 Oct 2024 15:42

Tgt Ion: 164 Resp: 290211

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.0	121.4
160	44.1	35.4	53.0

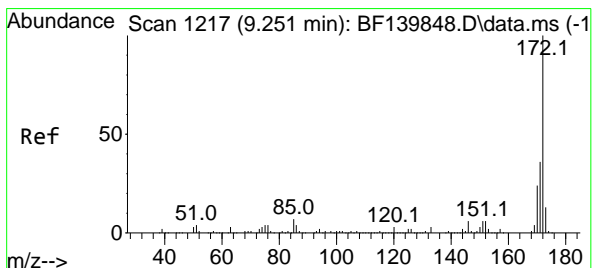
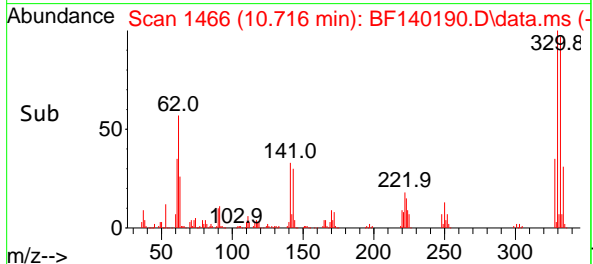
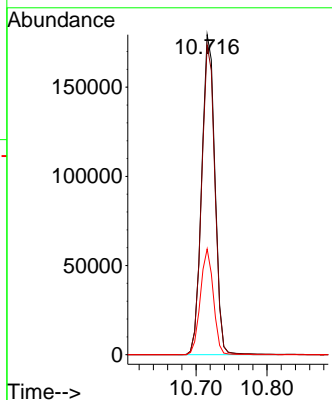
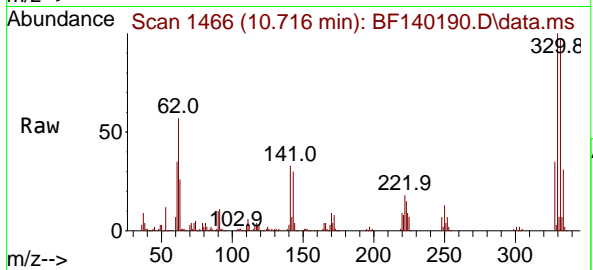




#42
 2,4,6-Tribromophenol
 Concen: 86.080 ng
 RT: 10.716 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: BF140190.D
 Acq: 31 Oct 2024 15:42

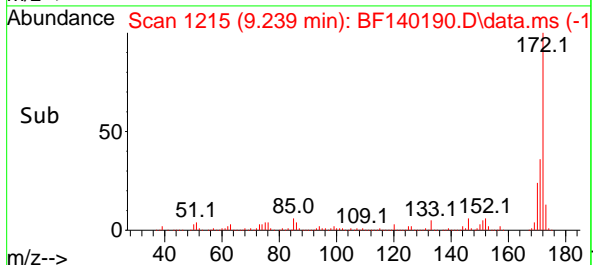
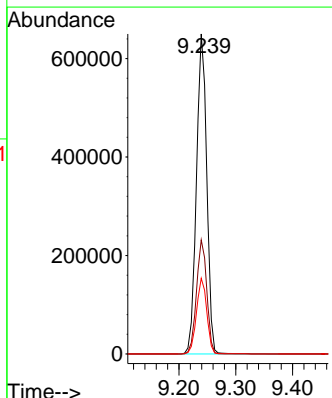
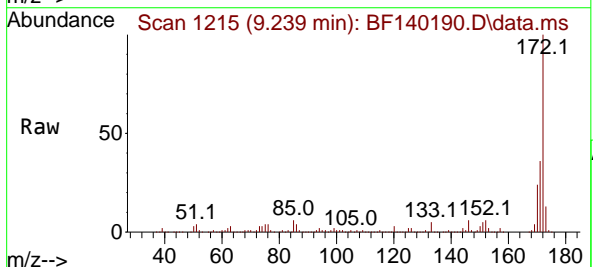
Instrument :
 BNA_F
 ClientSampleId :
 BP-F16

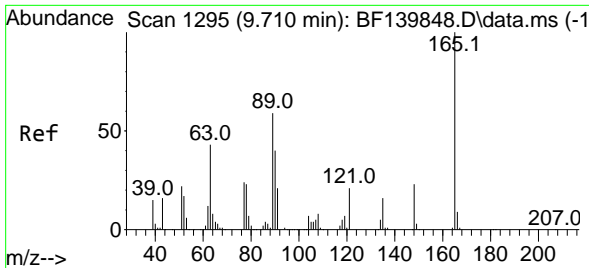
Tgt Ion:330 Resp: 233667
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.1 117.1
 141 32.2 26.6 39.8



#45
 2-Fluorobiphenyl
 Concen: 46.948 ng
 RT: 9.239 min Scan# 1215
 Delta R.T. -0.012 min
 Lab File: BF140190.D
 Acq: 31 Oct 2024 15:42

Tgt Ion:172 Resp: 824395
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.7 19.1 28.7

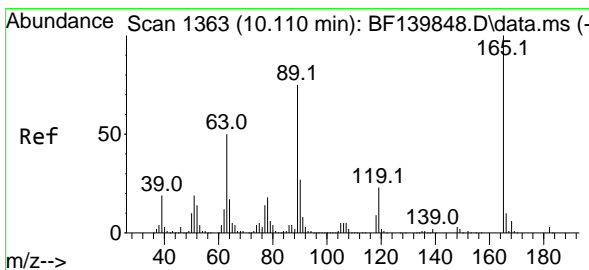
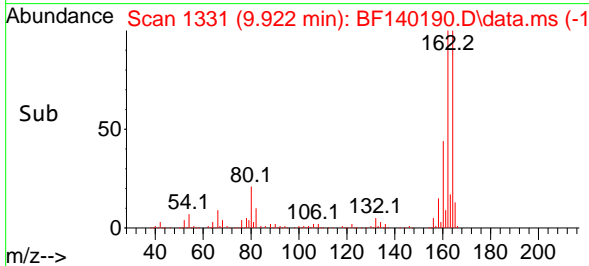
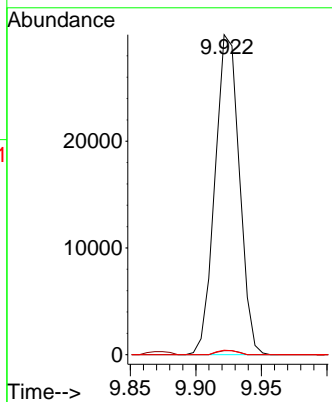
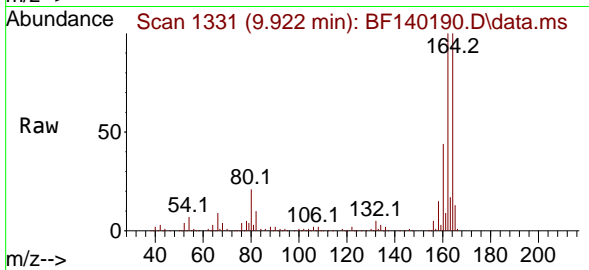




#51
 2,6-Dinitrotoluene
 Concen: 9.902 ng
 RT: 9.922 min Scan# 1331
 Delta R.T. 0.212 min
 Lab File: BF140190.D
 Acq: 31 Oct 2024 15:42

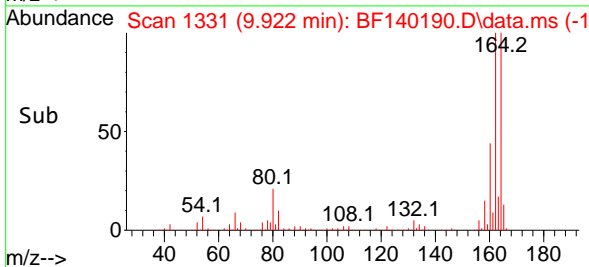
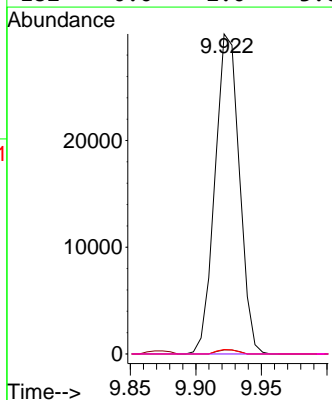
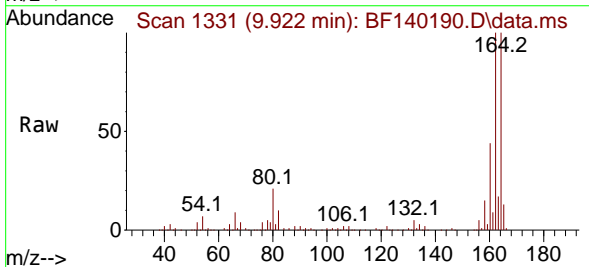
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 BNA_F
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 BP-F16

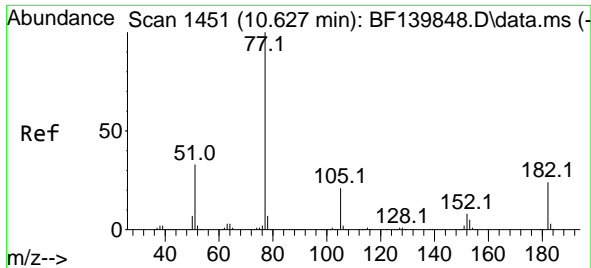
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.2	50.6	75.8#
89	1.4	47.5	71.3#



#57
 2,4-Dinitrotoluene
 Concen: 8.052 ng
 RT: 9.922 min Scan# 1331
 Delta R.T. -0.188 min
 Lab File: BF140190.D
 Acq: 31 Oct 2024 15:42

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.2	40.1	60.1#
89	1.4	60.4	90.6#
182	0.0	2.0	3.0#



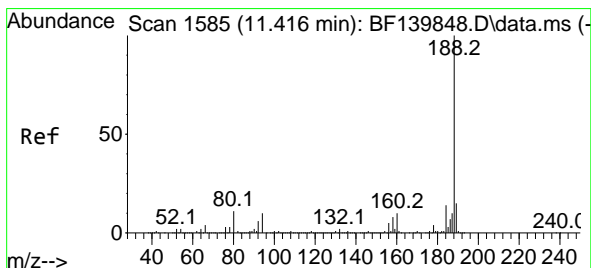
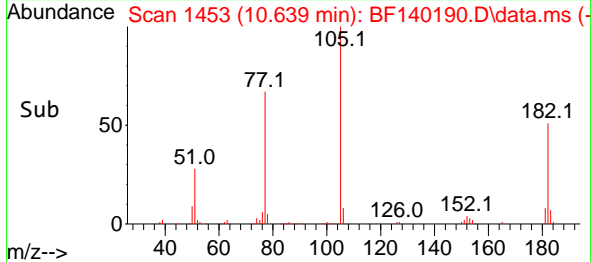
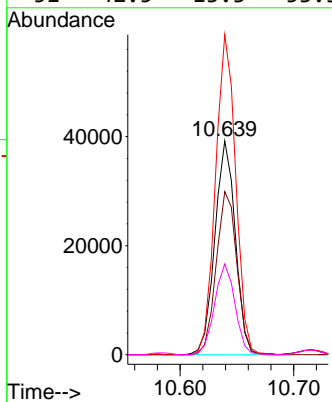
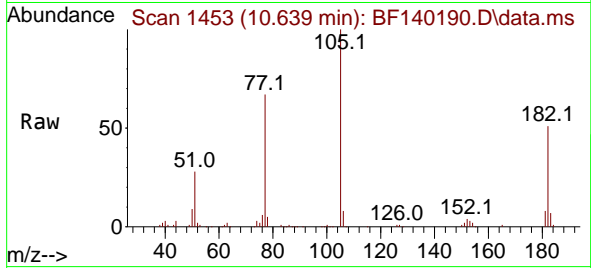


#63
 Azobenzene
 Concen: 2.612 ng
 RT: 10.639 min Scan# 1453
 Delta R.T. 0.012 min
 Lab File: BF140190.D
 Acq: 31 Oct 2024 15:42

Instrument : BNA_F
 ClientSampleId : BP-F16

Tgt Ion: 77 Resp: 49147

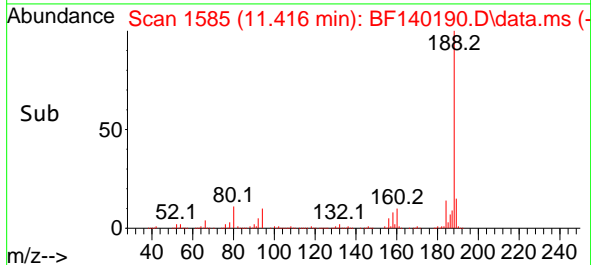
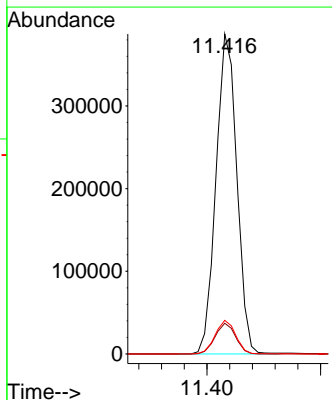
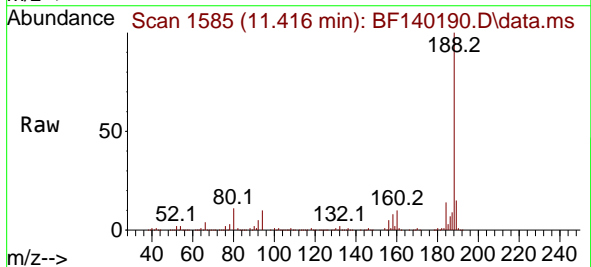
Ion	Ratio	Lower	Upper
77	100		
182	76.3	3.3	43.3#
105	149.7	1.2	41.2#
51	42.5	13.3	53.3

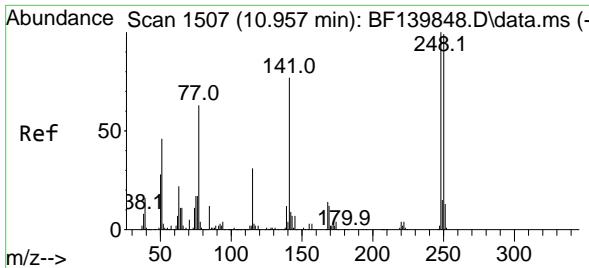


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.416 min Scan# 1585
 Delta R.T. 0.000 min
 Lab File: BF140190.D
 Acq: 31 Oct 2024 15:42

Tgt Ion: 188 Resp: 493421

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.9	11.9
80	10.5	9.0	13.4

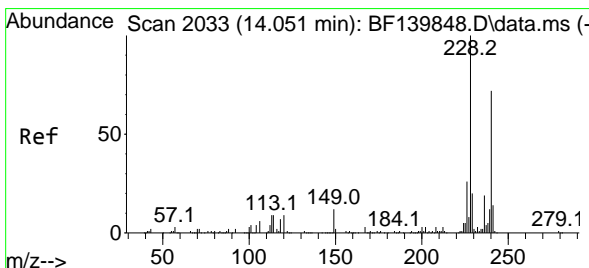
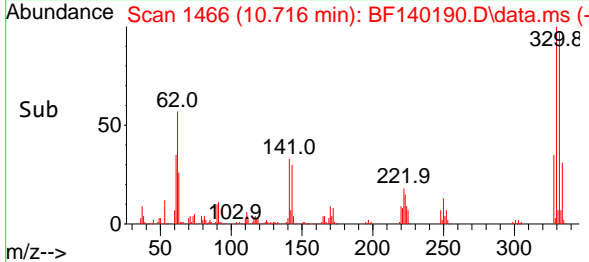
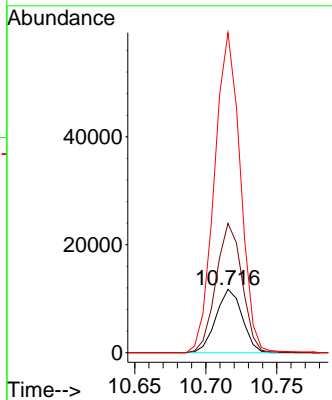
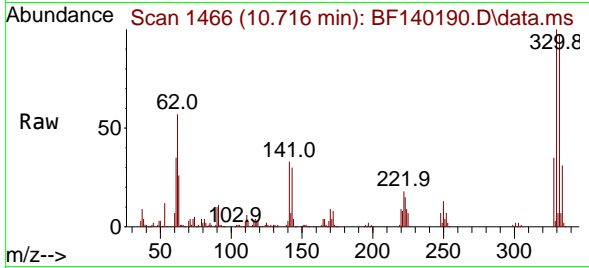




#67
 4-Bromophenyl-phenylether
 Concen: 2.970 ng
 RT: 10.716 min Scan# 14
 Delta R.T. -0.241 min
 Lab File: BF140190.D
 Acq: 31 Oct 2024 15:42

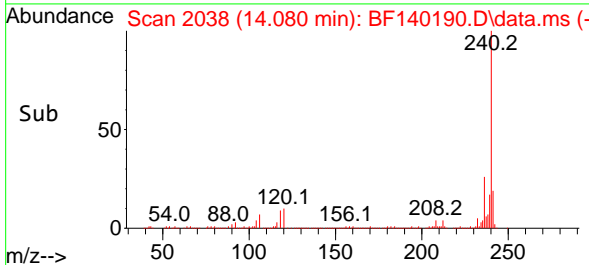
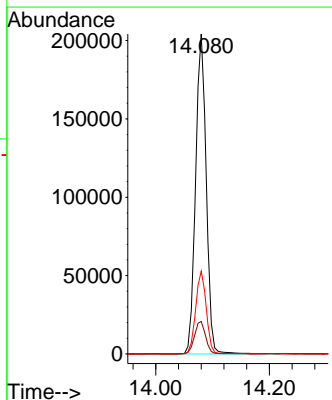
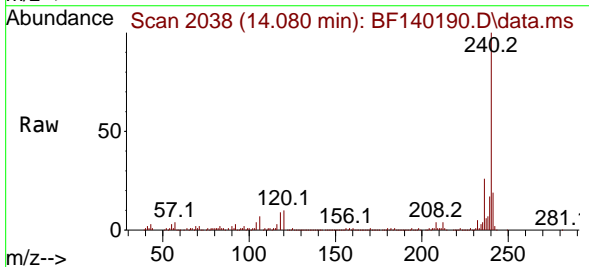
Instrument :
 BNA_F
 ClientSampleId :
 BP-F16

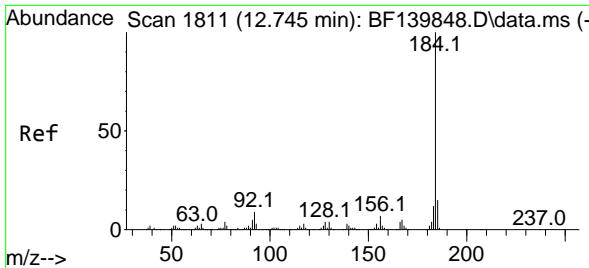
Tgt Ion:248 Resp: 15096
 Ion Ratio Lower Upper
 248 100
 250 204.2 79.0 118.6#
 141 505.2 61.7 92.5#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.080 min Scan# 2038
 Delta R.T. 0.029 min
 Lab File: BF140190.D
 Acq: 31 Oct 2024 15:42

Tgt Ion:240 Resp: 266578
 Ion Ratio Lower Upper
 240 100
 120 10.1 9.4 14.2
 236 25.9 20.9 31.3

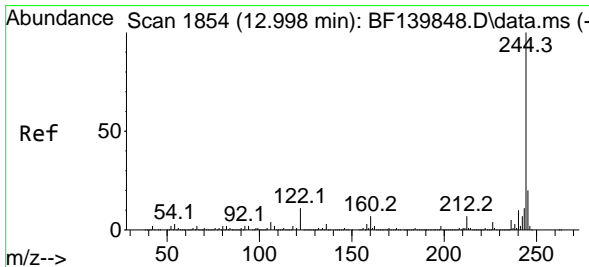
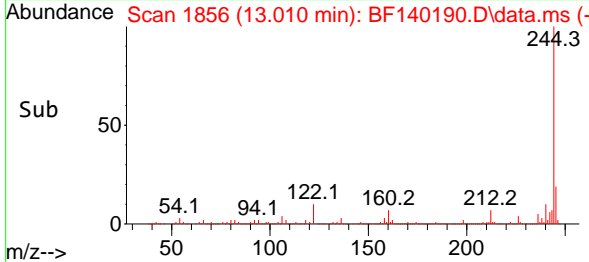
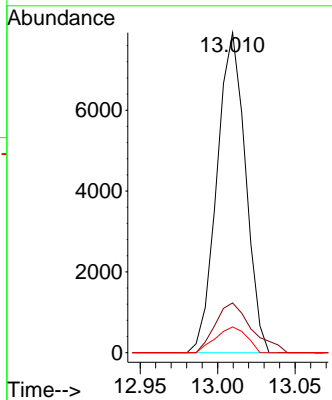
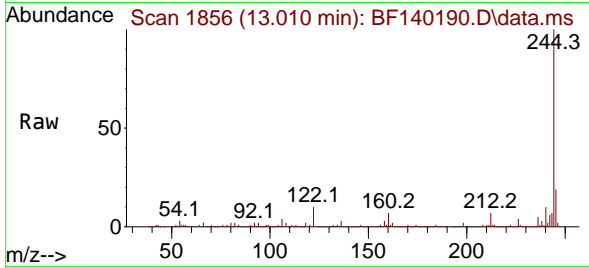




#77
 Benzidine
 Concen: 2.313 ng
 RT: 13.010 min Scan# 1856
 Delta R.T. 0.265 min
 Lab File: BF140190.D
 Acq: 31 Oct 2024 15:42

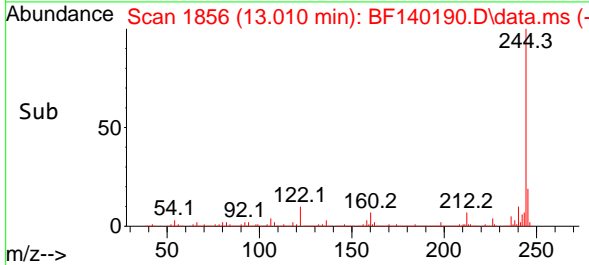
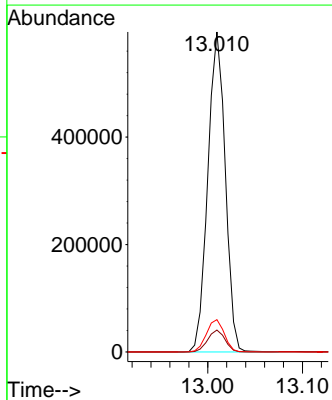
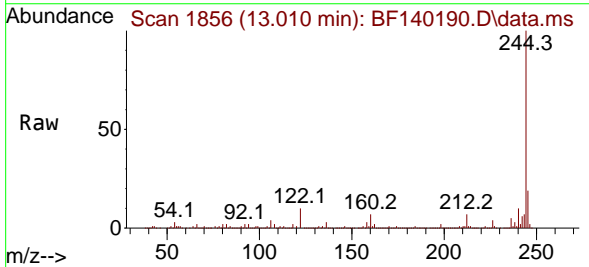
Instrument : BNA_F
 ClientSampleId : BP-F16

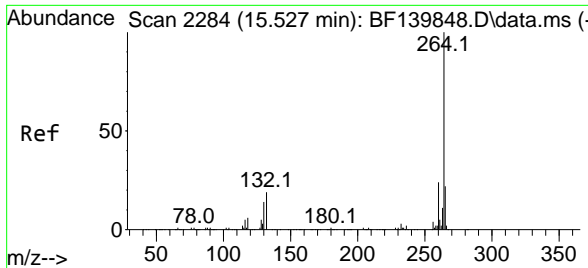
Tgt Ion	Resp	Lower	Upper
184	10138		
185	15.5	12.0	18.0
183	8.0	9.4	14.2



#79
 Terphenyl-d14
 Concen: 46.626 ng
 RT: 13.010 min Scan# 1856
 Delta R.T. 0.012 min
 Lab File: BF140190.D
 Acq: 31 Oct 2024 15:42

Tgt Ion	Resp	Lower	Upper
244	762793		
212	6.9	5.7	8.5
122	10.1	8.6	13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.609 min Scan# 21
 Delta R.T. 0.082 min
 Lab File: BF140190.D
 Acq: 31 Oct 2024 15:42

Instrument :
 BNA_F
 ClientSampleId :
 BP-F16

Tgt Ion:264 Resp: 239048

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.8	17.4	26.0

