

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139655.D
 Acq On : 04 Oct 2024 14:07
 Operator : RC/JU
 Sample : P4258-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Chamberlain Ave

Quant Time: Oct 04 14:34:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

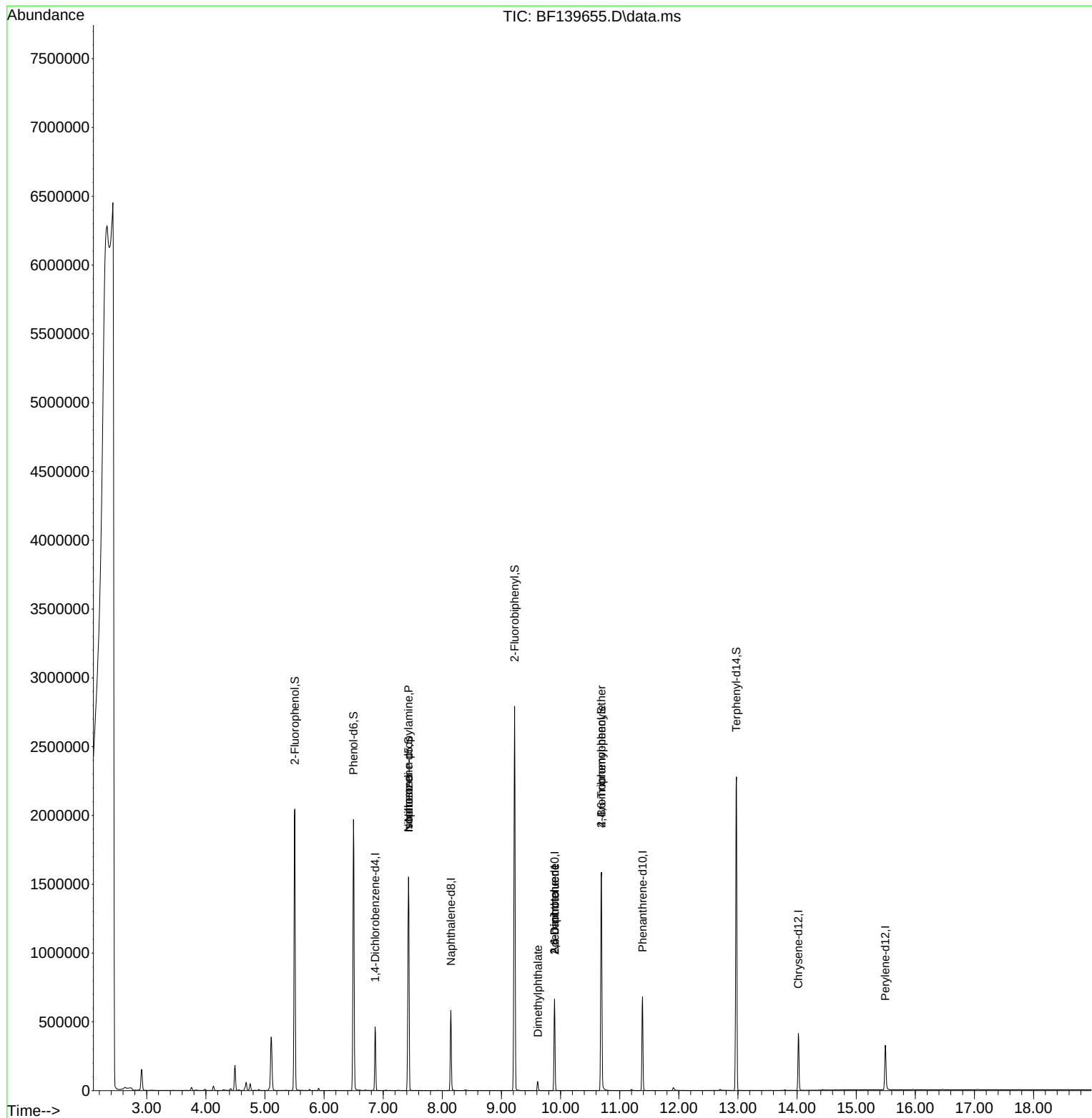
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	92657	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	348932	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	193027	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	361345	20.000	ng	0.00
76) Chrysene-d12	14.021	240	198886	20.000	ng	-0.01
86) Perylene-d12	15.492	264	200851	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	736254	137.724	ng	0.02
7) Phenol-d6	6.498	99	909971	126.577	ng	0.00
23) Nitrobenzene-d5	7.428	82	706180	102.467	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	267355	143.480	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1253800	99.717	ng	0.00
79) Terphenyl-d14	12.974	244	1161176	95.798	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	96006	20.772	ng	# 76
25) Isophorone	7.428	82	701865	57.339	ng	# 66
50) Dimethylphthalate	9.616	163	39529	3.128	ng	98
51) 2,6-Dinitrotoluene	9.898	165	24291	8.510	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	24291	6.511	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	18484	4.989	ng	# 1

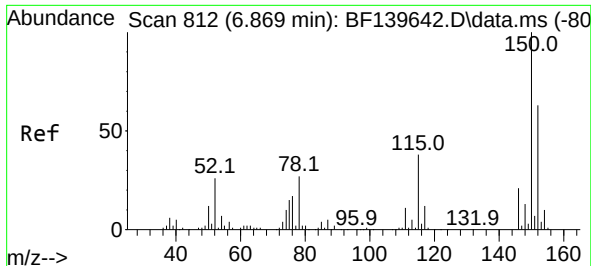
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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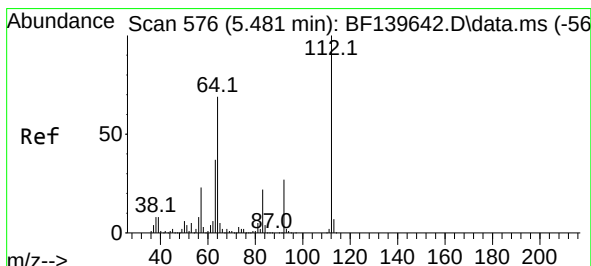
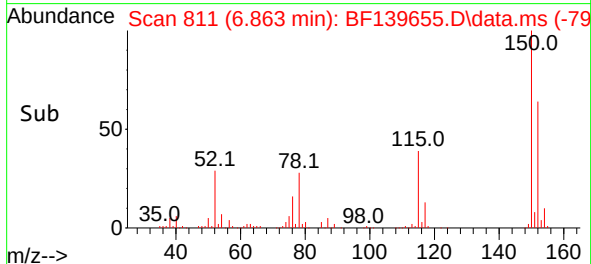
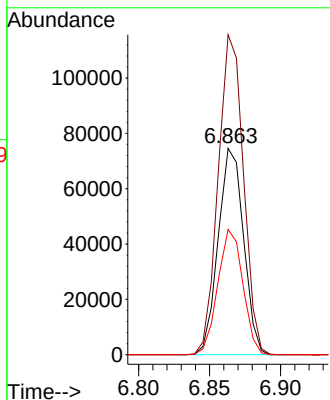
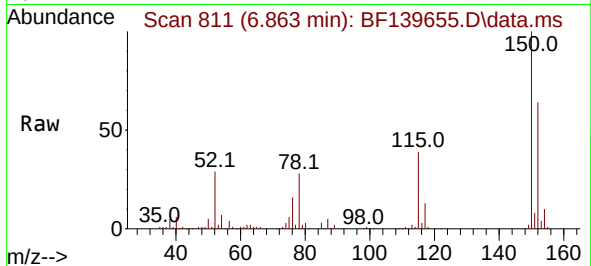




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139655.D
Acq: 04 Oct 2024 14:07

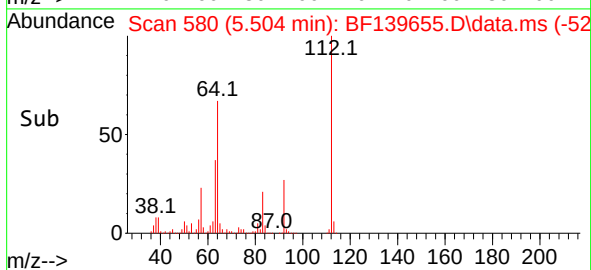
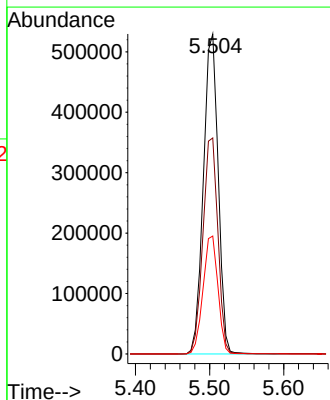
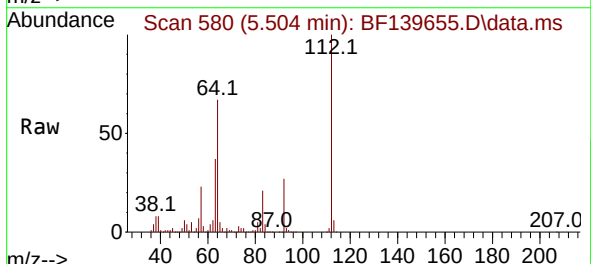
Instrument :
BNA_F
ClientSampleId :
Chamberlain Ave

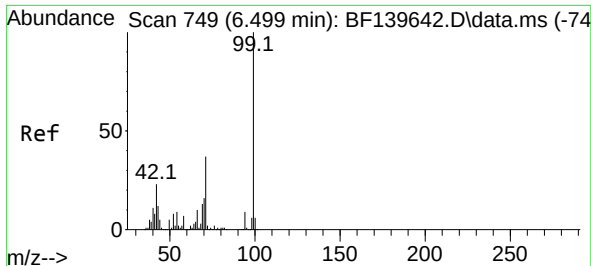
Tgt Ion:152 Resp: 92657
Ion Ratio Lower Upper
152 100
150 155.1 127.2 190.8
115 60.7 49.0 73.4



#5
2-Fluorophenol
Concen: 137.724 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.017 min
Lab File: BF139655.D
Acq: 04 Oct 2024 14:07

Tgt Ion:112 Resp: 736254
Ion Ratio Lower Upper
112 100
64 67.5 54.2 81.4
63 36.9 29.4 44.2

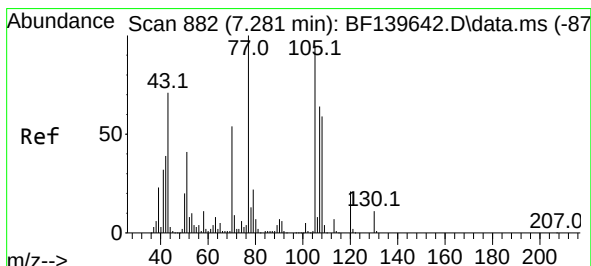
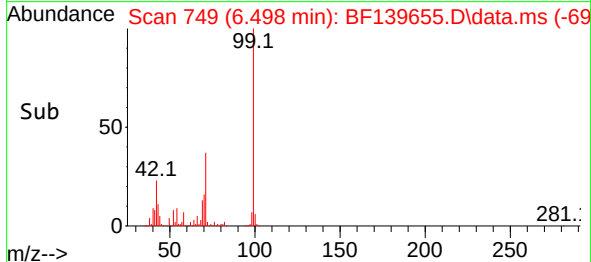
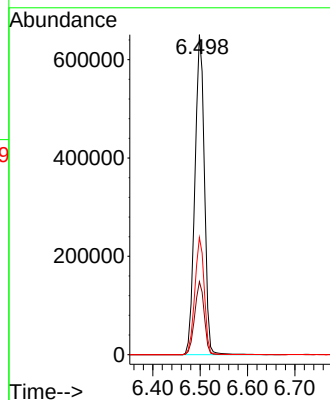
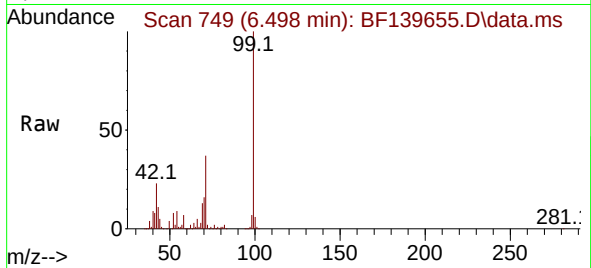




#7
Phenol-d6
Concen: 126.577 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF139655.D
Acq: 04 Oct 2024 14:07

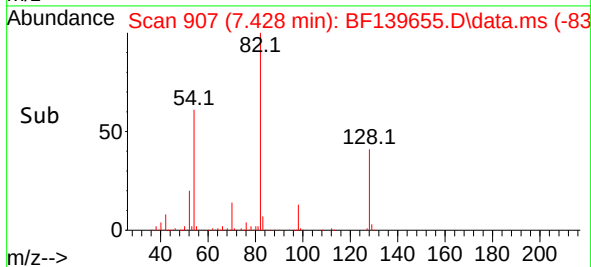
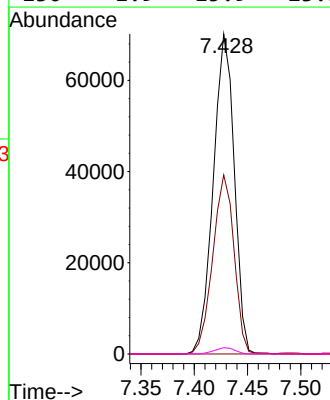
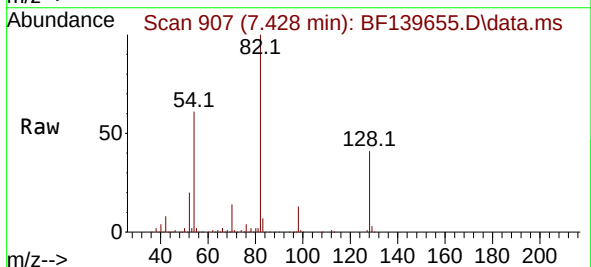
Instrument :
BNA_F
ClientSampleId :
Chamberlain Ave

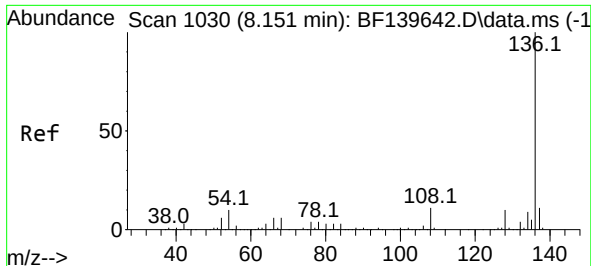
Tgt Ion: 99 Resp: 909971
Ion Ratio Lower Upper
99 100
42 22.8 19.1 28.7
71 36.6 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.772 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139655.D
Acq: 04 Oct 2024 14:07

Tgt Ion: 70 Resp: 96006
Ion Ratio Lower Upper
70 100
42 55.9 58.0 87.0#
101 0.0 7.8 11.8#
130 1.9 15.9 23.9#



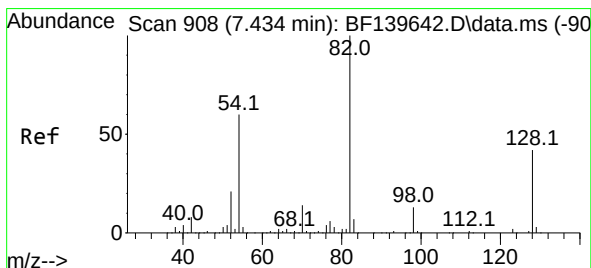
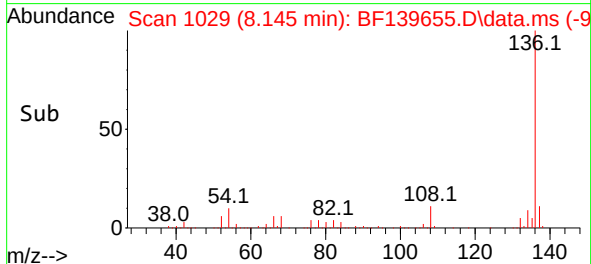
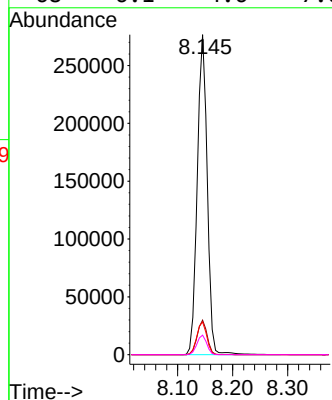
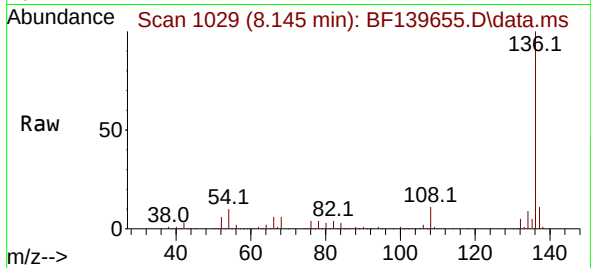


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139655.D
Acq: 04 Oct 2024 14:07

Instrument :
BNA_F
ClientSampleId :
Chamberlain Ave

Tgt Ion:136 Resp: 348932

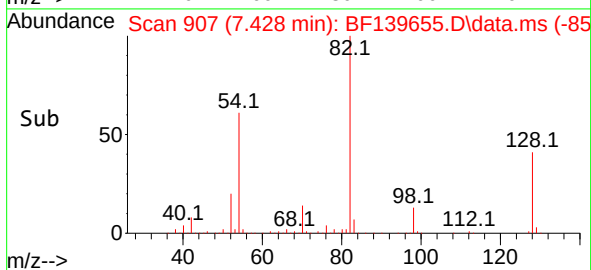
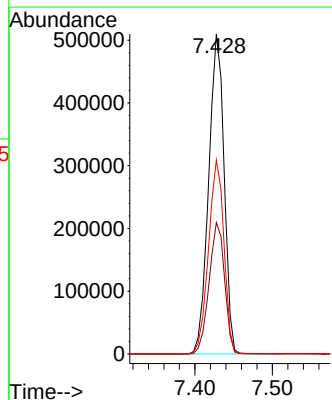
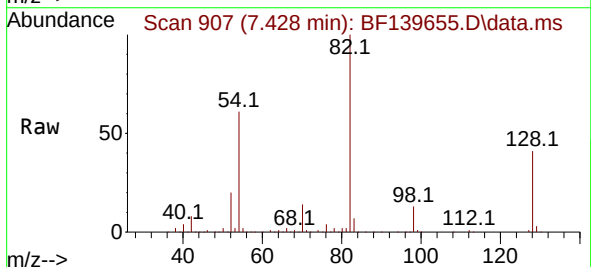
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.2	8.3	12.5
68	6.1	4.6	7.0

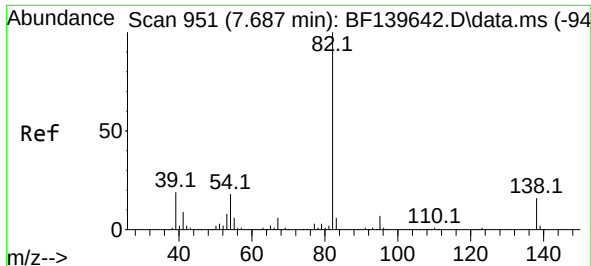


#23
Nitrobenzene-d5
Concen: 102.467 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139655.D
Acq: 04 Oct 2024 14:07

Tgt Ion: 82 Resp: 706180

Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.4	48.6
54	60.6	49.1	73.7

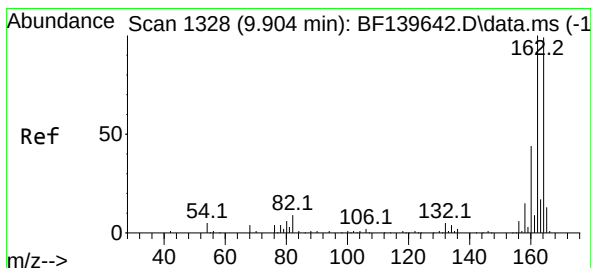
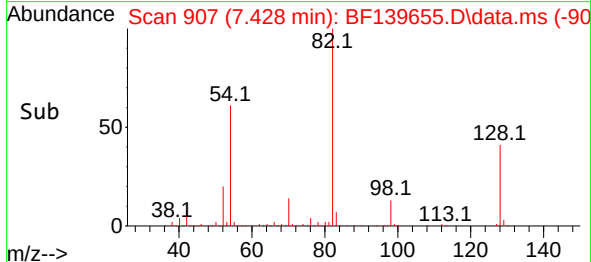
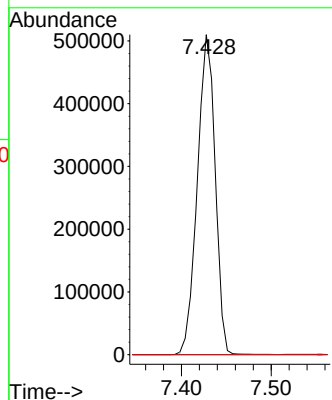
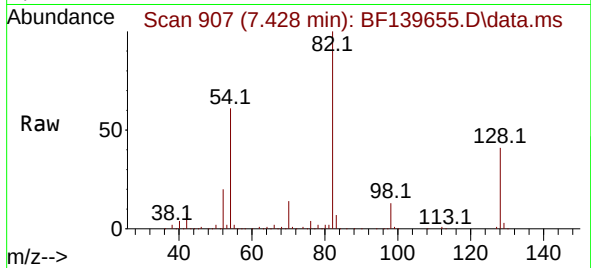




#25
Isophorone
Concen: 57.339 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139655.D
Acq: 04 Oct 2024 14:07

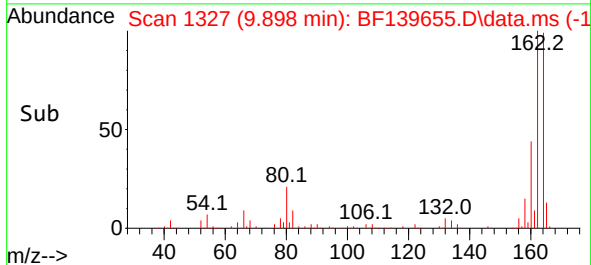
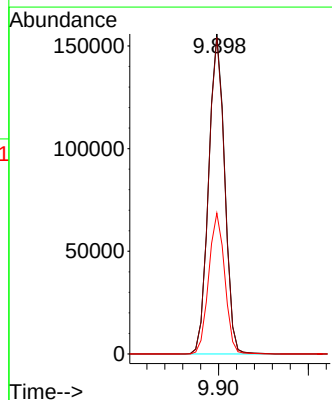
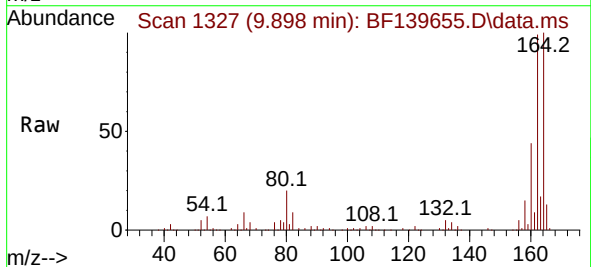
Instrument :
BNA_F
ClientSampleId :
Chamberlain Ave

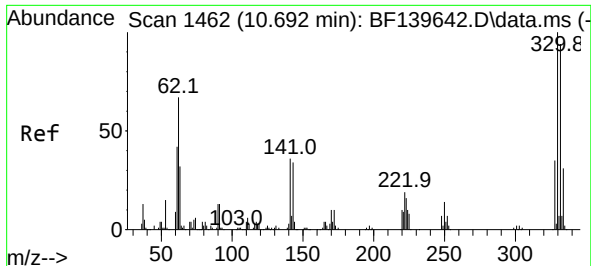
Tgt Ion: 82 Resp: 701865
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139655.D
Acq: 04 Oct 2024 14:07

Tgt Ion: 164 Resp: 193027
Ion Ratio Lower Upper
164 100
162 98.9 79.4 119.0
160 44.0 35.1 52.7

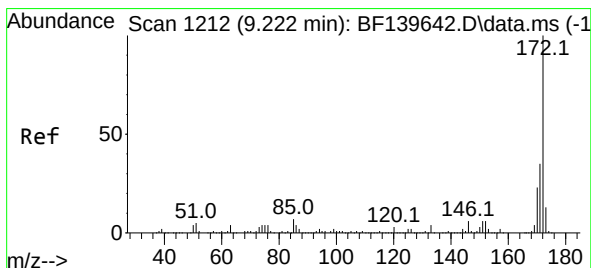
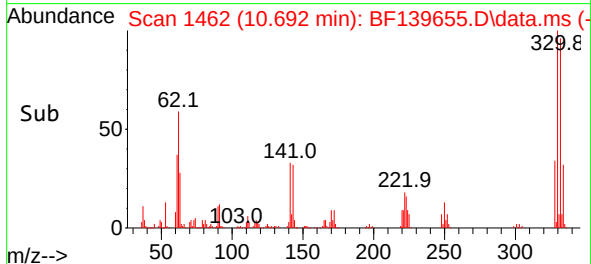
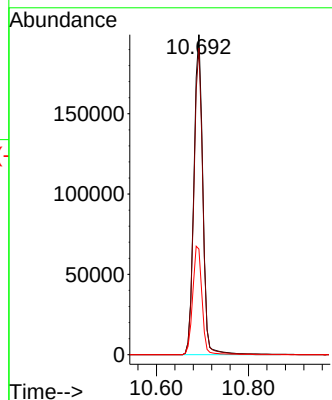
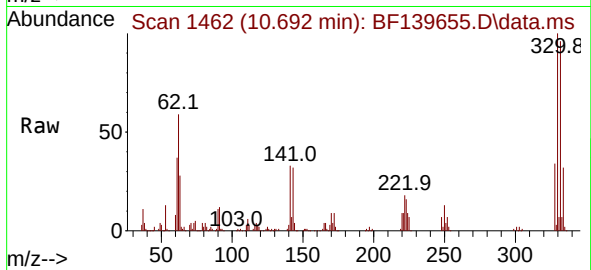




#42
2,4,6-Tribromophenol
Concen: 143.480 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139655.D
Acq: 04 Oct 2024 14:07

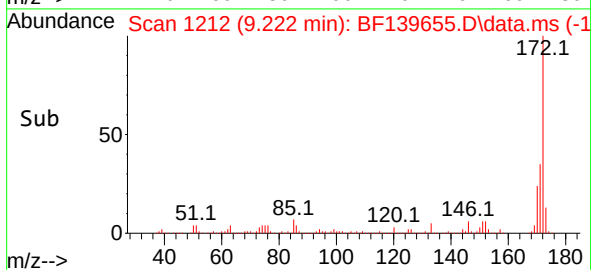
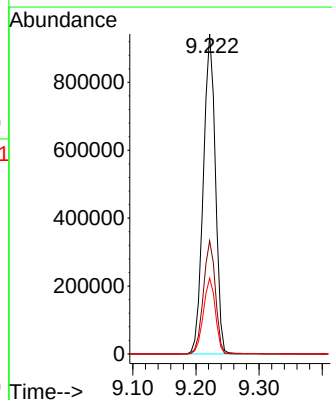
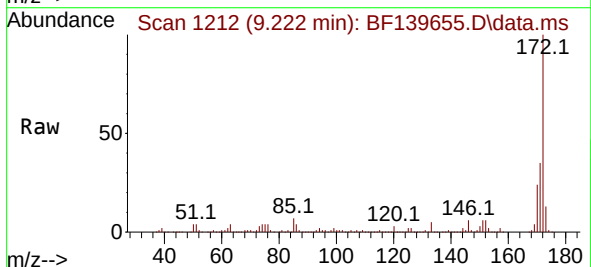
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ClientSampleId :
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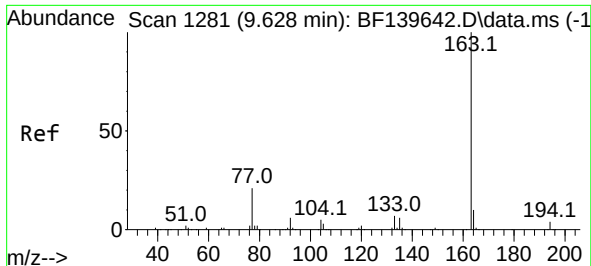
Tgt Ion: 330 Resp: 267355
Ion Ratio Lower Upper
330 100
332 95.2 76.5 114.7
141 35.3 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 99.717 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139655.D
Acq: 04 Oct 2024 14:07

Tgt Ion: 172 Resp: 1253800
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.7 18.8 28.2

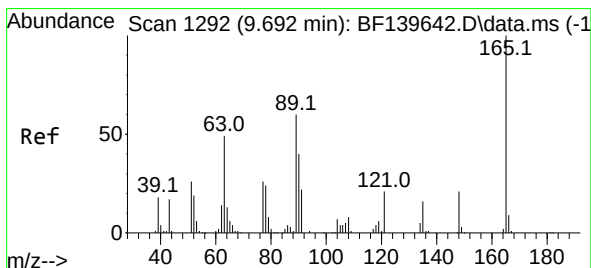
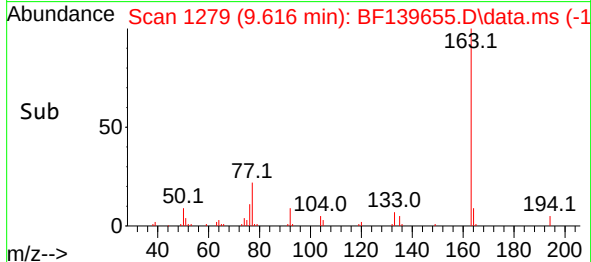
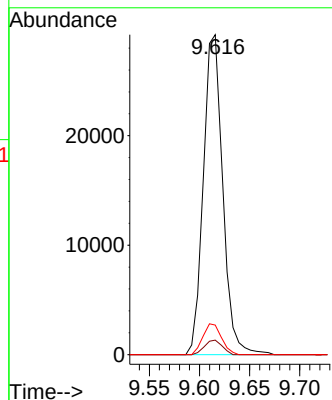
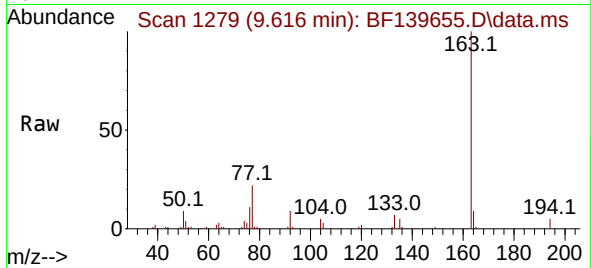




#50
Dimethylphthalate
Concen: 3.128 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF139655.D
Acq: 04 Oct 2024 14:07

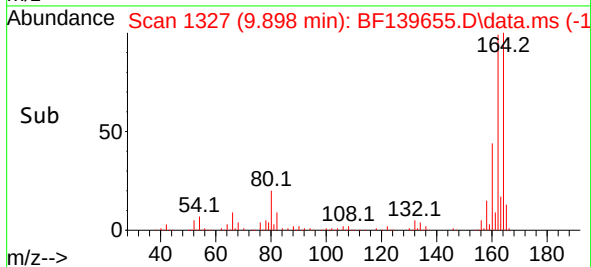
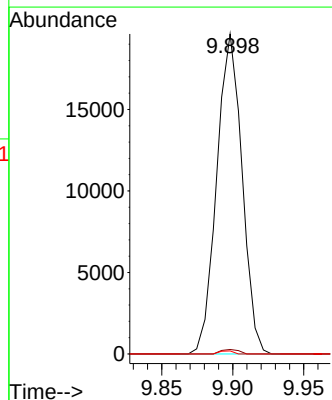
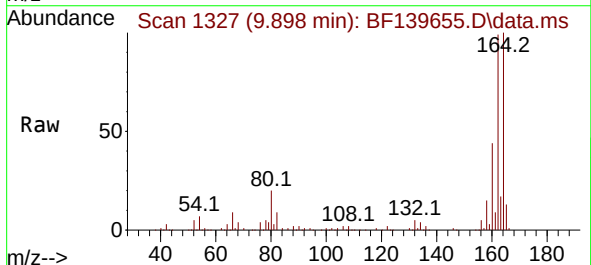
Instrument :
BNA_F
ClientSampleId :
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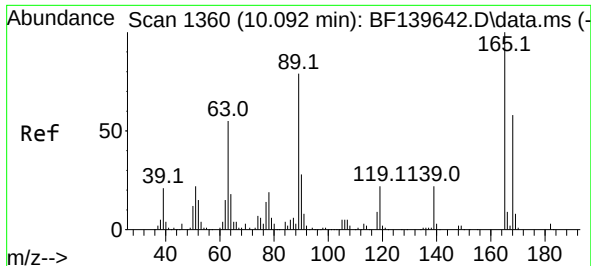
Tgt Ion:163 Resp: 39529
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.0
164 9.2 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 8.510 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF139655.D
Acq: 04 Oct 2024 14:07

Tgt Ion:165 Resp: 24291
Ion Ratio Lower Upper
165 100
63 1.4 56.7 85.1#
89 1.0 51.6 77.4#

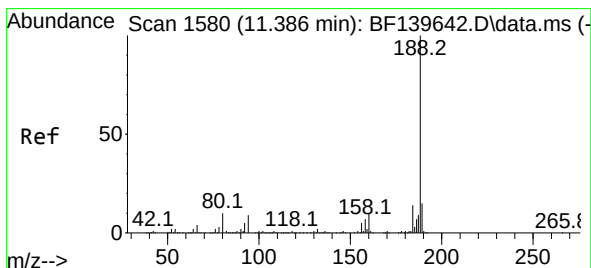
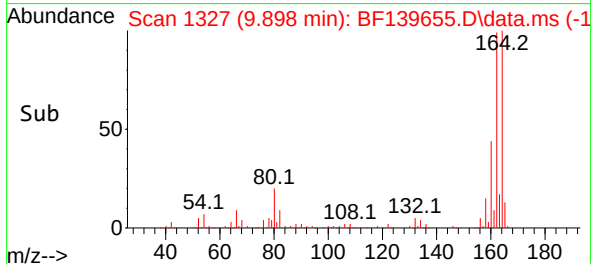
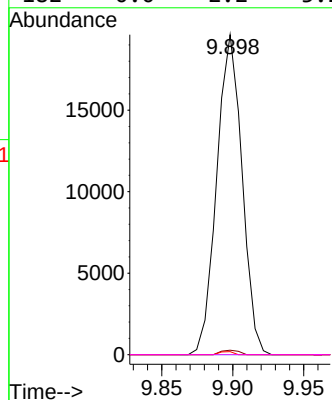
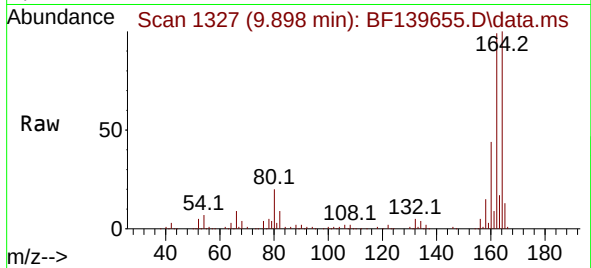




#57
2,4-Dinitrotoluene
Concen: 6.511 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF139655.D
Acq: 04 Oct 2024 14:07

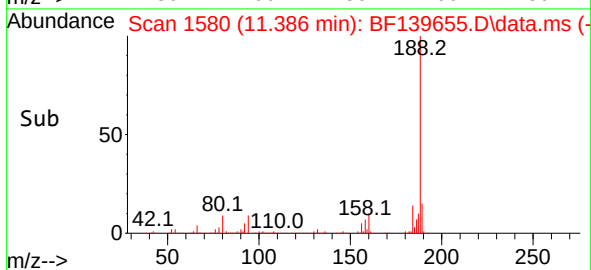
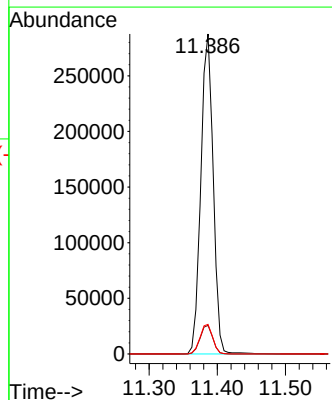
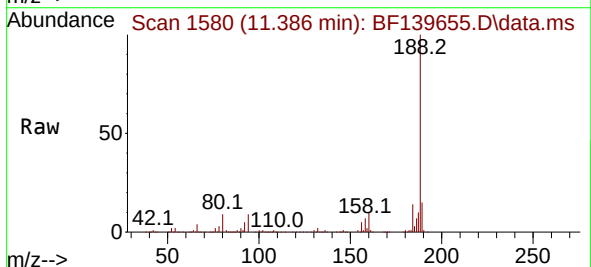
Instrument :
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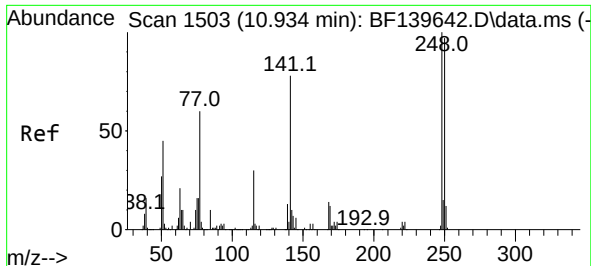
Tgt Ion:165 Resp: 24291
Ion Ratio Lower Upper
165 100
63 1.4 46.9 70.3#
89 1.0 64.4 96.6#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF139655.D
Acq: 04 Oct 2024 14:07

Tgt Ion:188 Resp: 361345
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.2 8.2 12.2

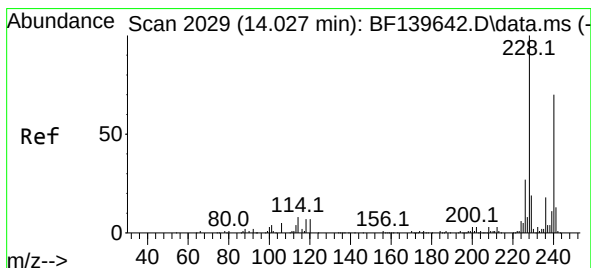
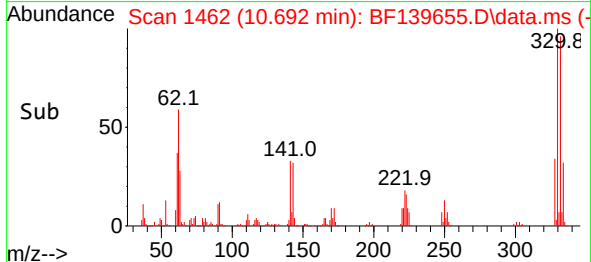
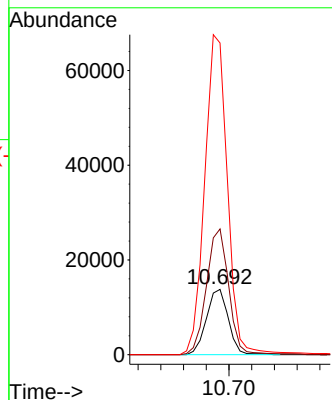
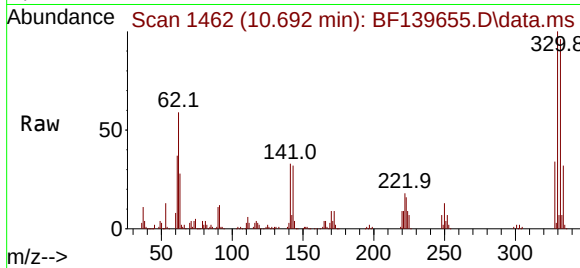




#67
4-Bromophenyl-phenylether
Concen: 4.989 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF139655.D
Acq: 04 Oct 2024 14:07

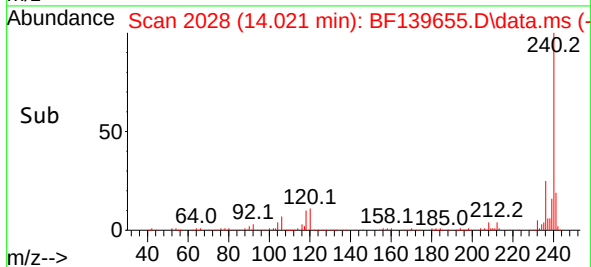
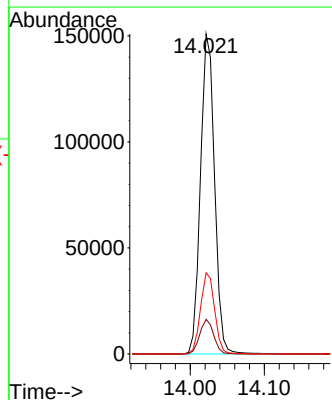
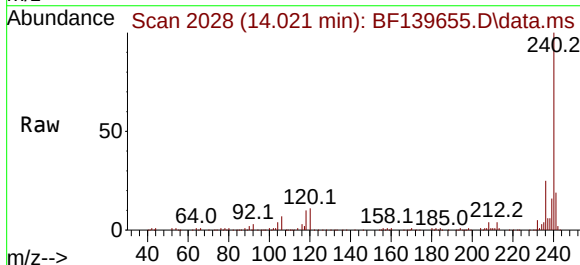
Instrument :
BNA_F
ClientSampleId :
Chamberlain Ave

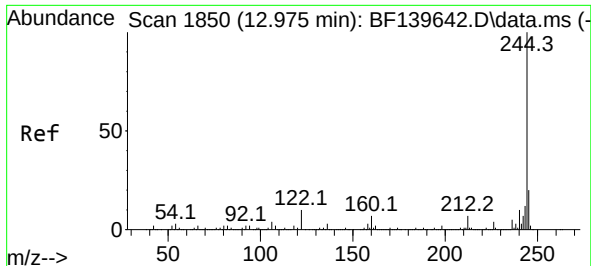
Tgt Ion:248 Resp: 18484
Ion Ratio Lower Upper
248 100
250 192.4 77.1 115.7#
141 477.1 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF139655.D
Acq: 04 Oct 2024 14:07

Tgt Ion:240 Resp: 198886
Ion Ratio Lower Upper
240 100
120 10.8 8.4 12.6
236 25.4 20.3 30.5

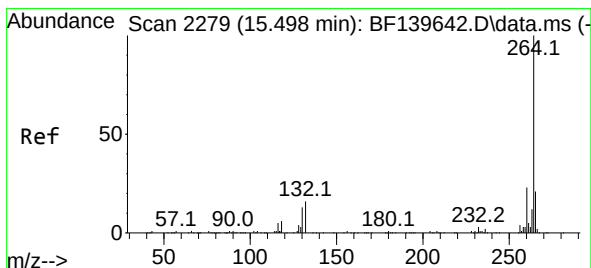
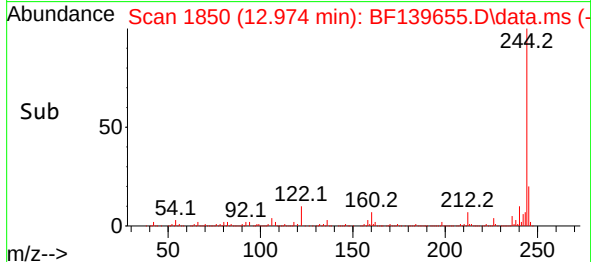
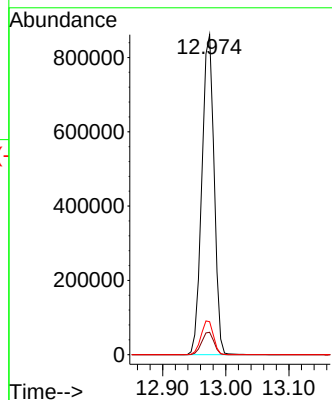
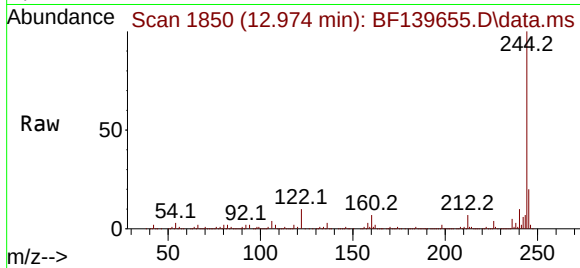




#79
 Terphenyl-d14
 Concen: 95.798 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139655.D
 Acq: 04 Oct 2024 14:07

Instrument :
 BNA_F
 ClientSampleId :
 Chamberlain Ave

Tgt Ion:244 Resp: 1161176
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 10.3 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2278
 Delta R.T. -0.012 min
 Lab File: BF139655.D
 Acq: 04 Oct 2024 14:07

Tgt Ion:264 Resp: 200851
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.0 16.9 25.3

