

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101424\
 Data File : BF139794.D
 Acq On : 14 Oct 2024 17:56
 Operator : RC/JU
 Sample : P4258-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Chamberlain Ave

Quant Time: Oct 14 18:26:34 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)

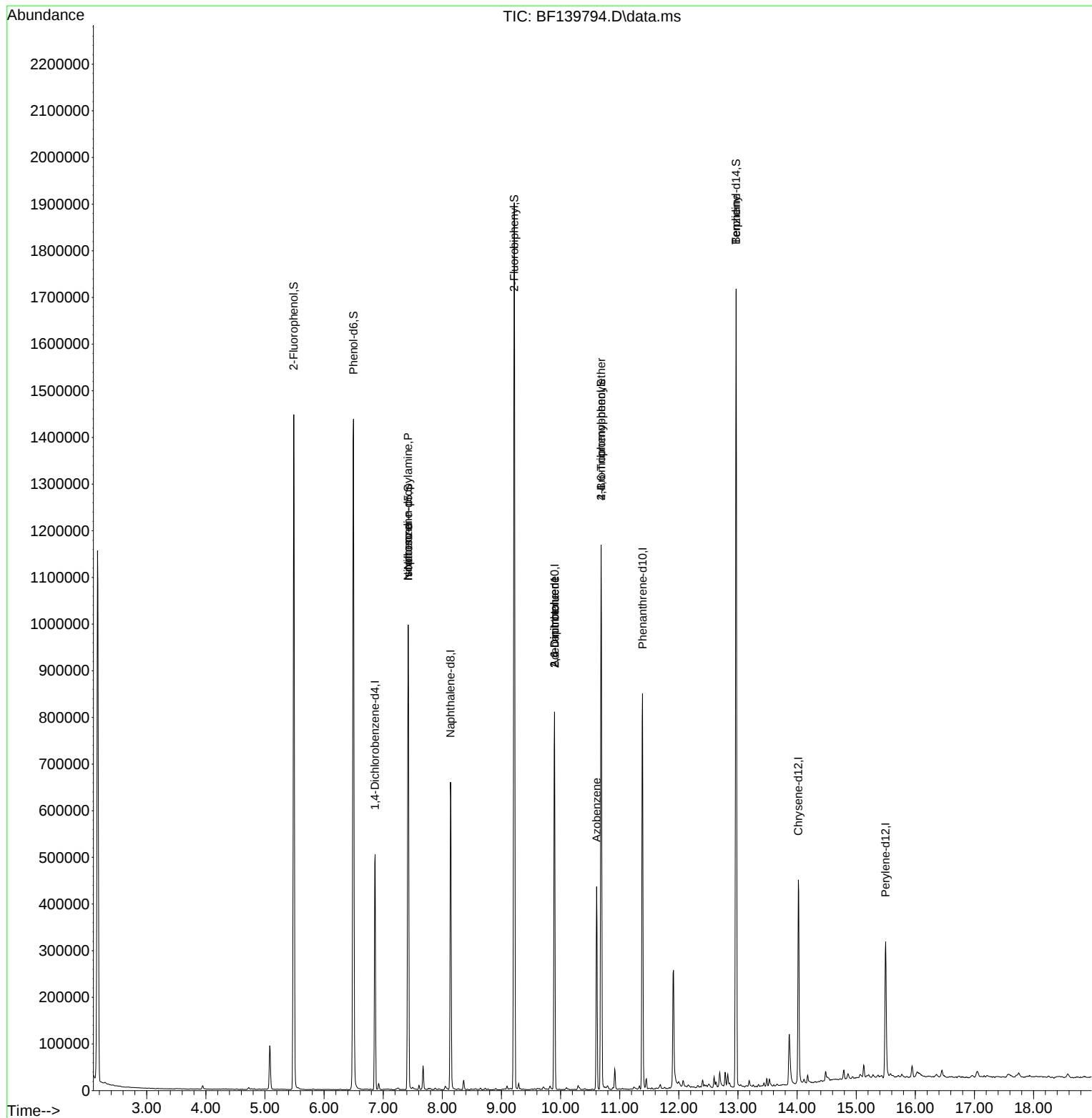
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	105117	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	416218	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	238846	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	453325	20.000	ng	0.00
76) Chrysene-d12	14.021	240	213480	20.000	ng	-0.01
86) Perylene-d12	15.498	264	177491	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	511418	84.326	ng	0.00
7) Phenol-d6	6.498	99	675068	82.772	ng	0.00
23) Nitrobenzene-d5	7.422	82	439865	53.507	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	180418	78.250	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	823845	52.953	ng	-0.01
79) Terphenyl-d14	12.969	244	827799	63.626	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	58033	11.068	ng	# 75
25) Isophorone	7.422	82	436911	29.923	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	31230	8.842	ng	# 18
57) 2,4-Dinitrotoluene	9.898	165	31230	6.765	ng	# 17
63) Azobenzene	10.610	77	109960	6.771	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	12230	2.631	ng	# 1
77) Benzidine	12.969	184	11067	2.939	ng	# 90

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

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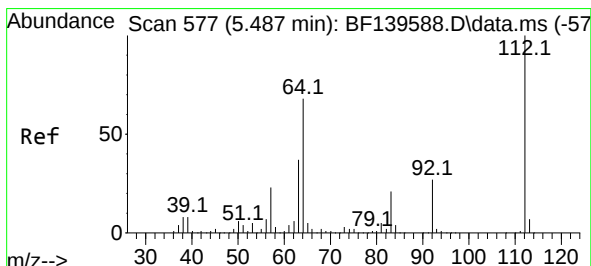
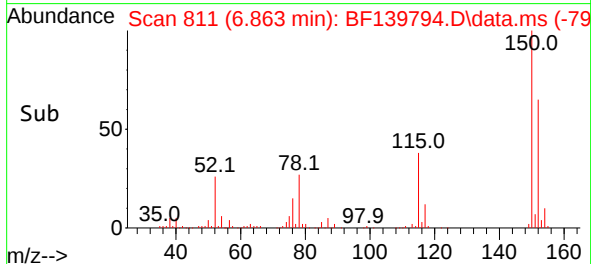
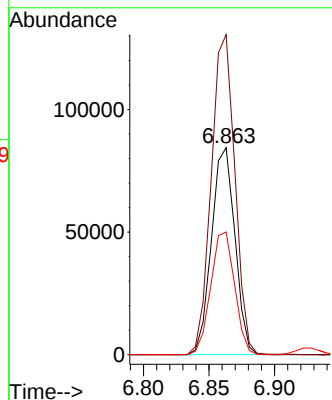
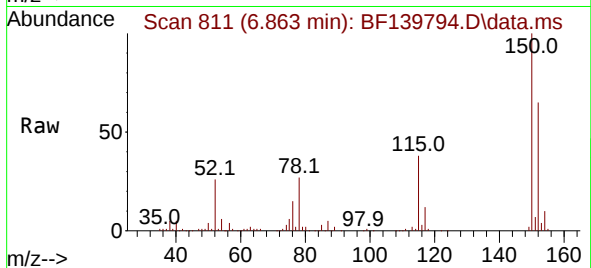




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139794.D
Acq: 14 Oct 2024 17:56

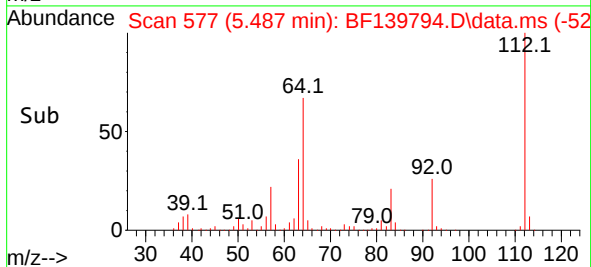
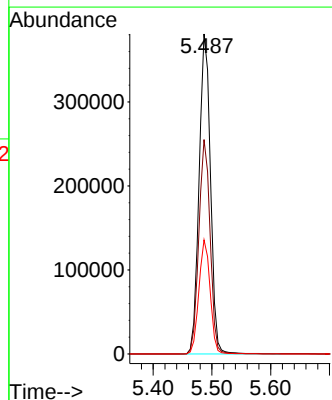
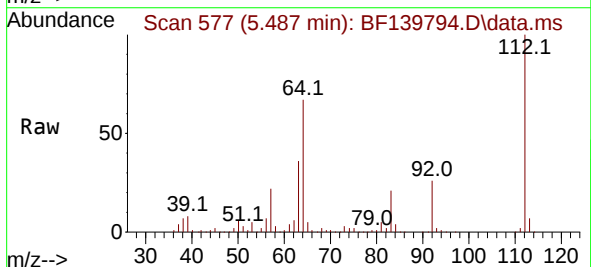
Instrument :
BNA_F
ClientSampleId :
Chamberlain Ave

Tgt Ion:152 Resp: 105117
Ion Ratio Lower Upper
152 100
150 154.5 127.2 190.8
115 59.3 49.0 73.4



#5
2-Fluorophenol
Concen: 84.326 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139794.D
Acq: 14 Oct 2024 17:56

Tgt Ion:112 Resp: 511418
Ion Ratio Lower Upper
112 100
64 67.0 54.2 81.4
63 35.6 29.4 44.2

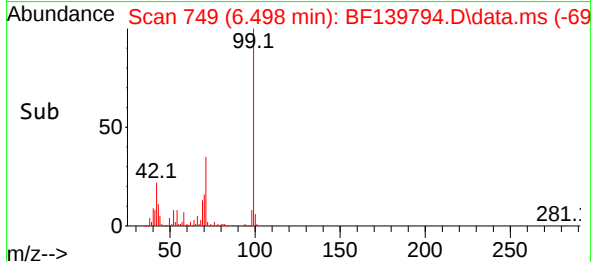
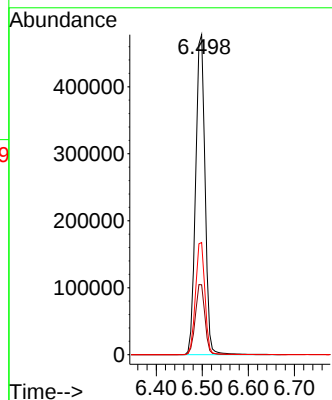
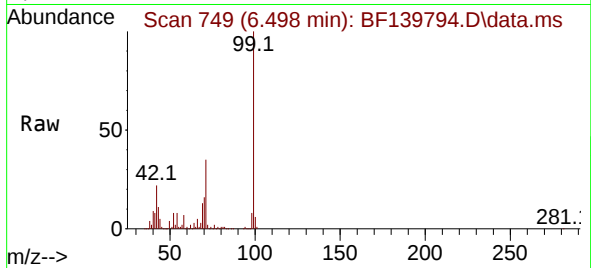




#7
Phenol-d6
Concen: 82.772 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139794.D
Acq: 14 Oct 2024 17:56

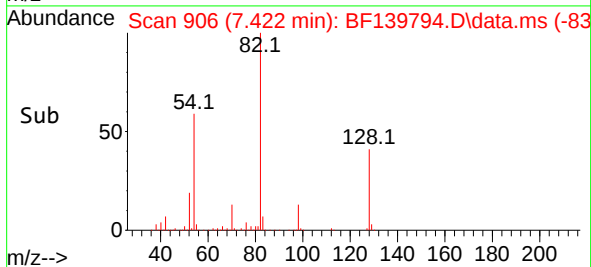
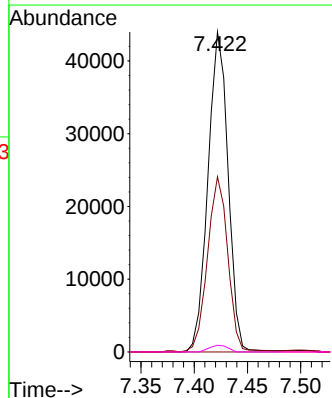
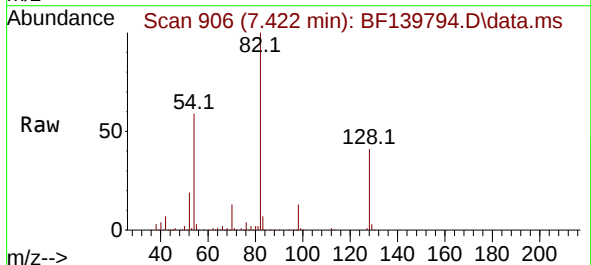
Instrument :
BNA_F
ClientSampleId :
Chamberlain Ave

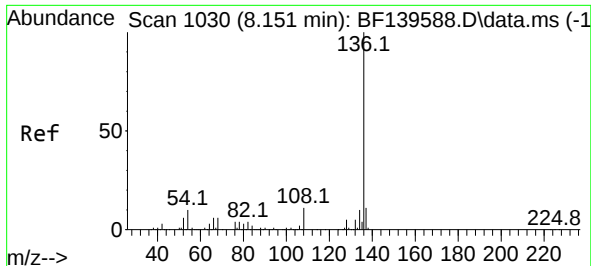
Tgt Ion: 99 Resp: 675068
Ion Ratio Lower Upper
99 100
42 21.9 19.1 28.7
71 35.1 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.068 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF139794.D
Acq: 14 Oct 2024 17:56

Tgt Ion: 70 Resp: 58033
Ion Ratio Lower Upper
70 100
42 54.7 58.0 87.0#
101 0.0 7.8 11.8#
130 2.1 15.9 23.9#



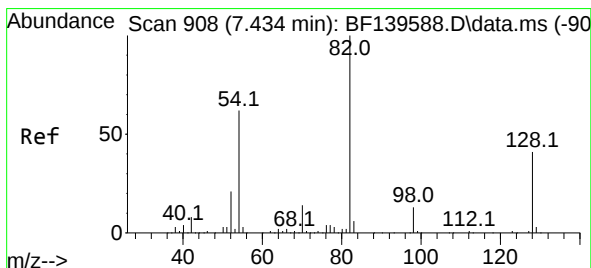
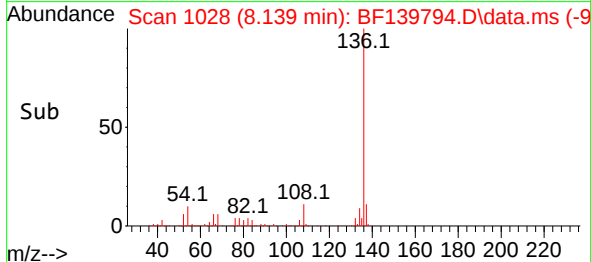
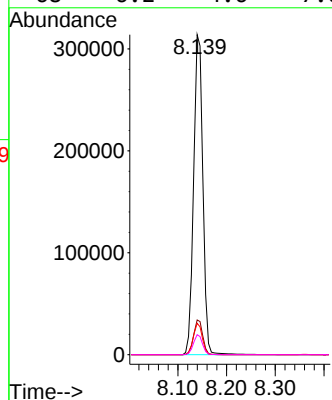
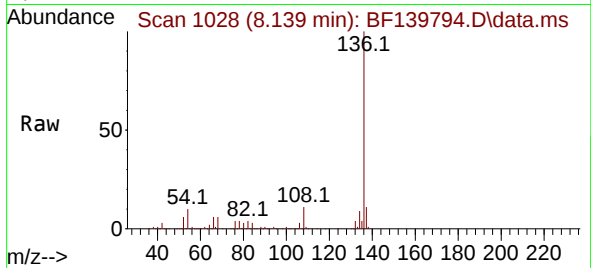


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF139794.D
Acq: 14 Oct 2024 17:56

Instrument :
BNA_F
ClientSampleId :
Chamberlain Ave

Tgt Ion:136 Resp: 416218

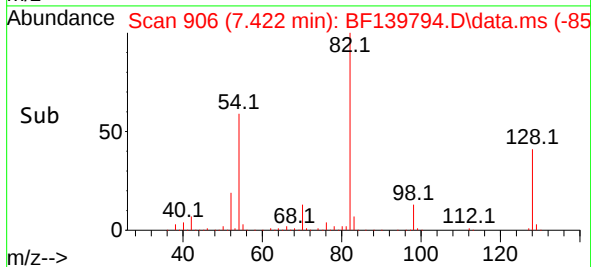
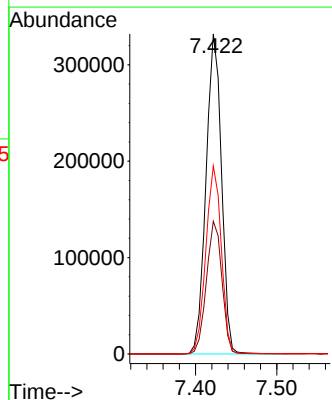
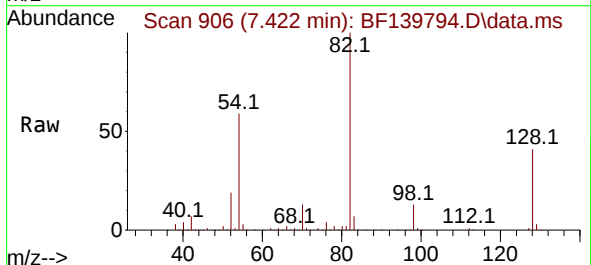
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.8	8.3	12.5
68	6.2	4.6	7.0



#23
Nitrobenzene-d5
Concen: 53.507 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF139794.D
Acq: 14 Oct 2024 17:56

Tgt Ion: 82 Resp: 439865

Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.4	48.6
54	58.8	49.1	73.7

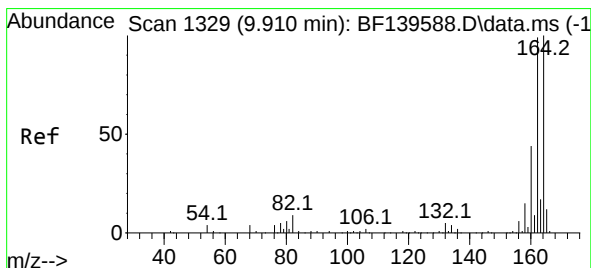
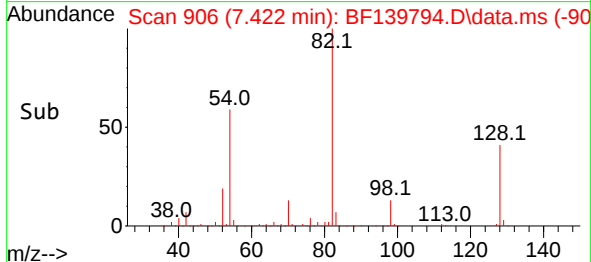
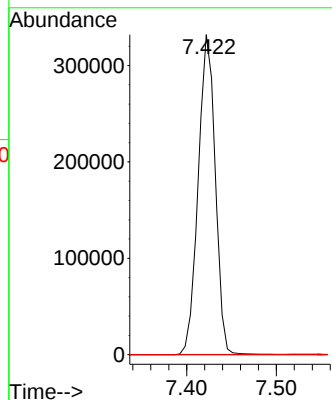
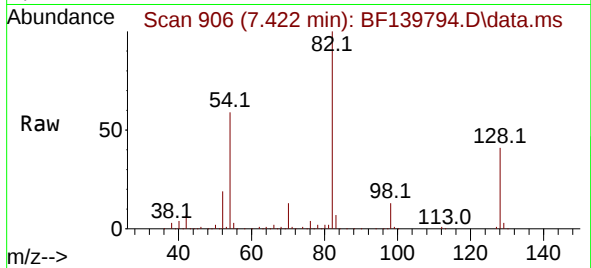




#25
Isophorone
Concen: 29.923 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF139794.D
Acq: 14 Oct 2024 17:56

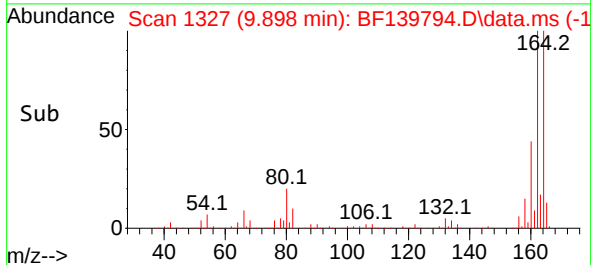
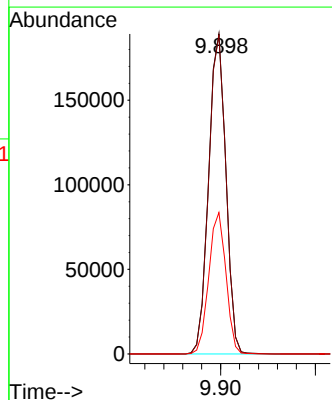
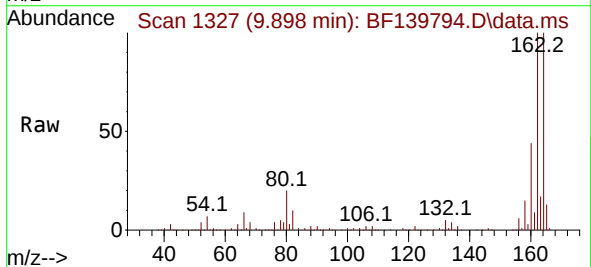
Instrument :
BNA_F
ClientSampleId :
Chamberlain Ave

Tgt Ion: 82 Resp: 436911
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: BF139794.D
Acq: 14 Oct 2024 17:56

Tgt Ion:164 Resp: 238846
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.0
160 44.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 78.250 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.012 min

Lab File: BF139794.D

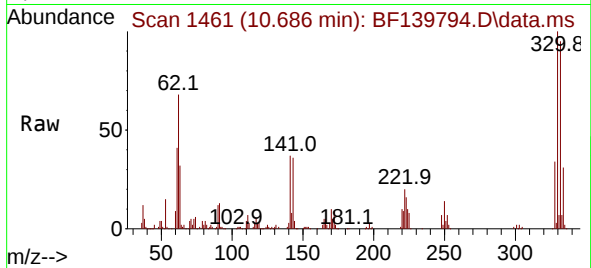
Acq: 14 Oct 2024 17:56

Instrument :

BNA_F

ClientSampleId :

Chamberlain Ave



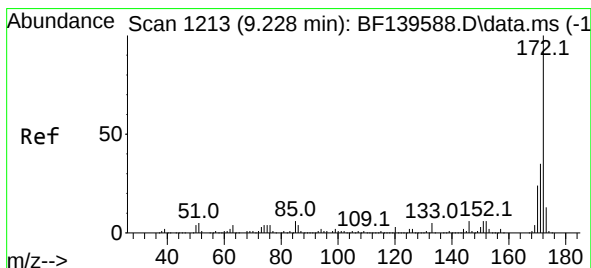
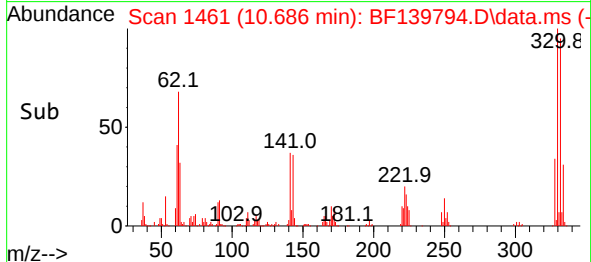
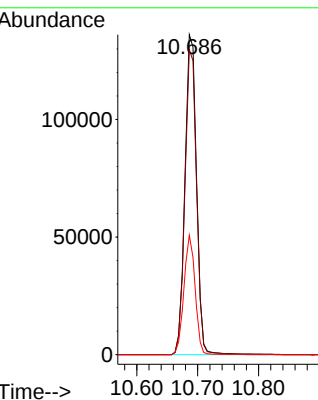
Tgt Ion:330 Resp: 180418

Ion Ratio Lower Upper

330 100

332 95.5 76.5 114.7

141 36.0 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 52.953 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BF139794.D

Acq: 14 Oct 2024 17:56

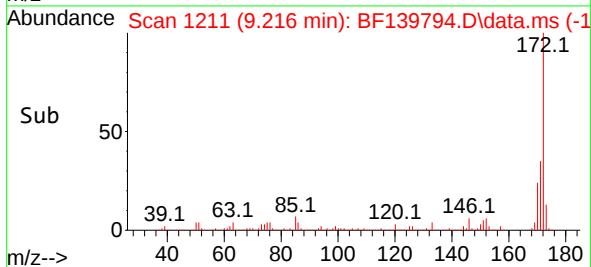
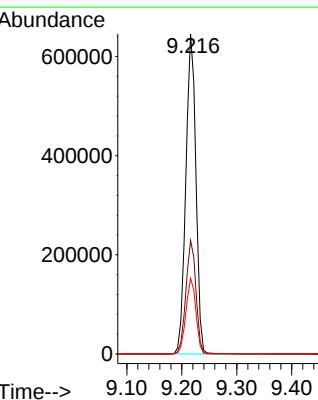
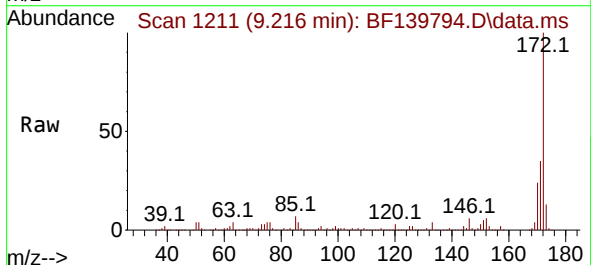
Tgt Ion:172 Resp: 823845

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.6 18.8 28.2

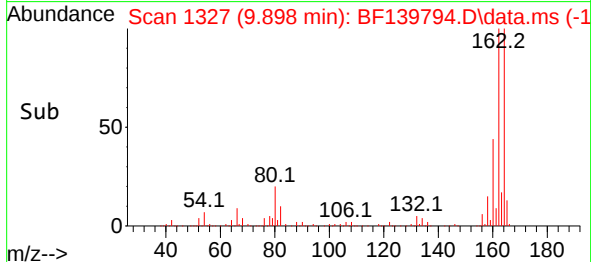
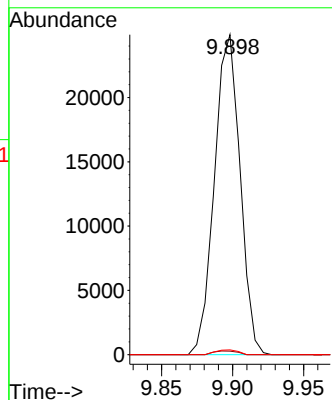
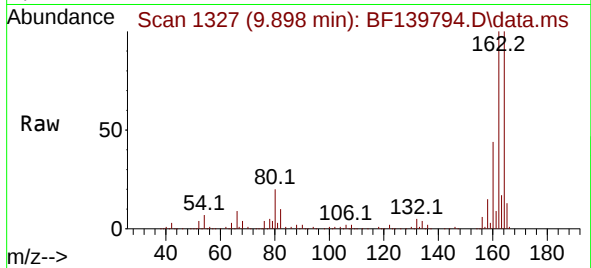




#51
2,6-Dinitrotoluene
Concen: 8.842 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139794.D
Acq: 14 Oct 2024 17:56

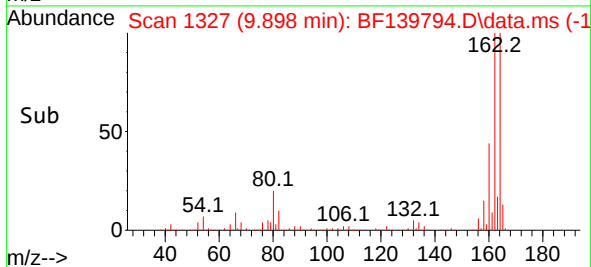
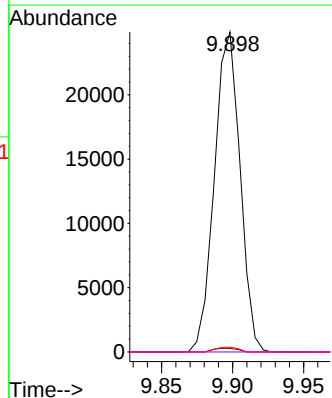
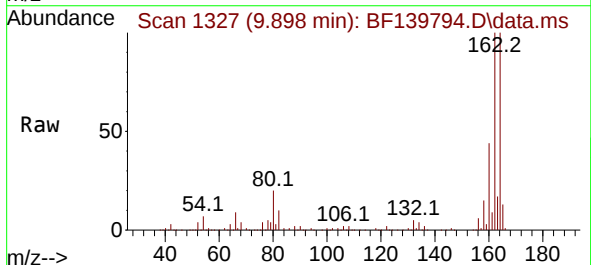
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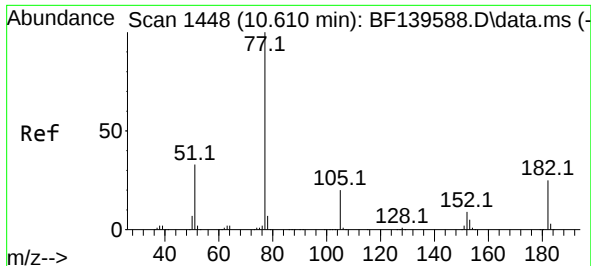
Tgt Ion:165 Resp: 31230
Ion Ratio Lower Upper
165 100
63 1.1 56.7 85.1#
89 1.5 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.765 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139794.D
Acq: 14 Oct 2024 17:56

Tgt Ion:165 Resp: 31230
Ion Ratio Lower Upper
165 100
63 1.1 46.9 70.3#
89 1.5 64.4 96.6#
182 0.0 2.2 3.2#

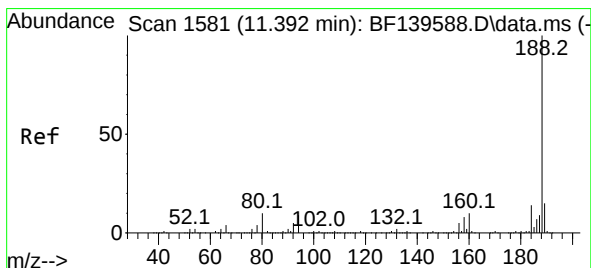
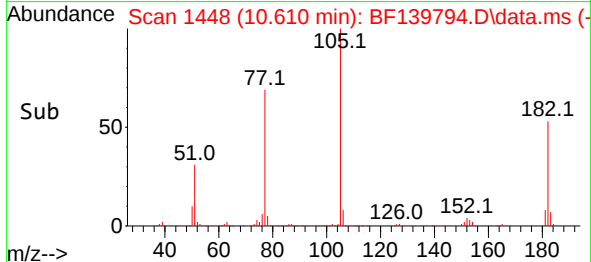
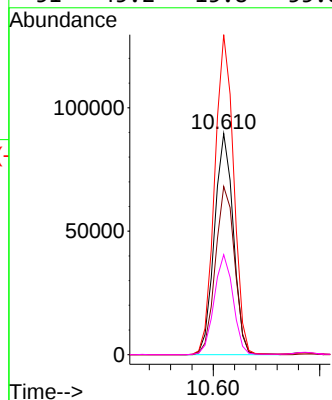
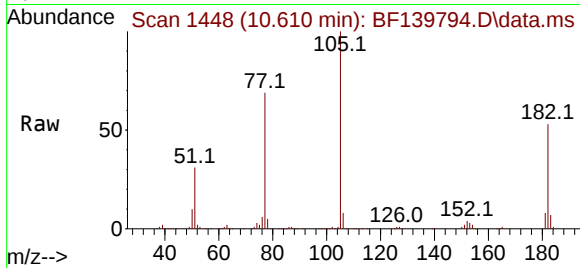




#63
Azobenzene
Concen: 6.771 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF139794.D
Acq: 14 Oct 2024 17:56

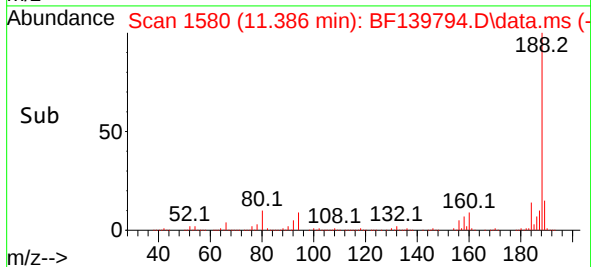
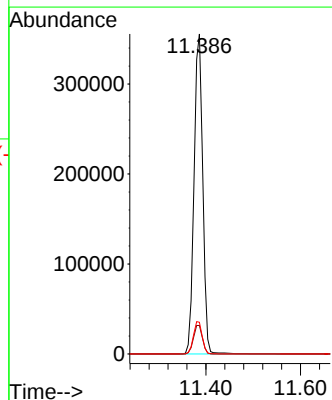
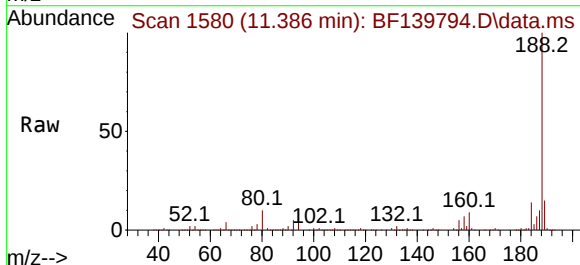
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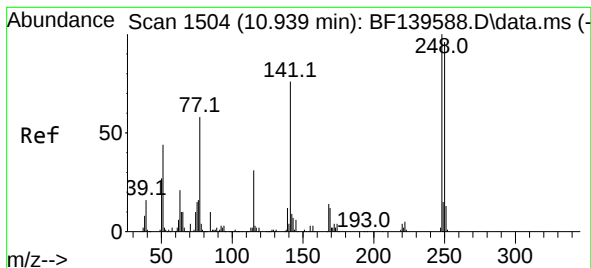
Tgt Ion: 77 Resp: 109960
Ion Ratio Lower Upper
77 100
182 76.0 4.2 44.2#
105 144.7 0.0 39.6#
51 45.2 15.8 55.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF139794.D
Acq: 14 Oct 2024 17:56

Tgt Ion: 188 Resp: 453325
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.9 8.2 12.2

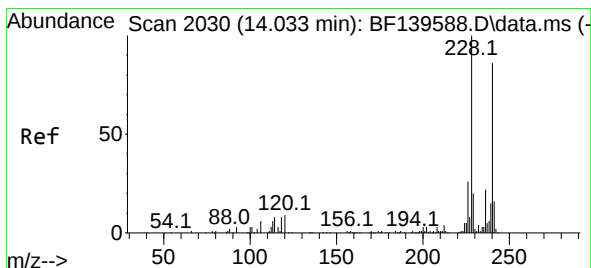
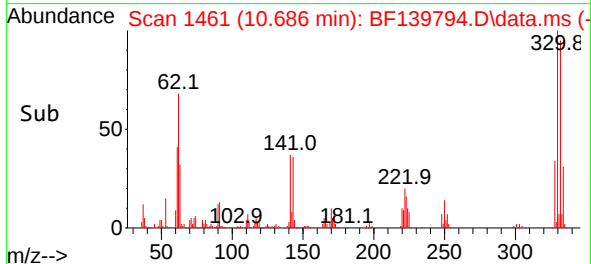
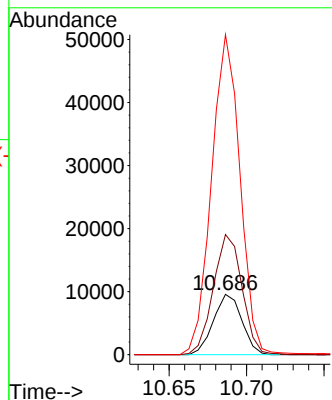
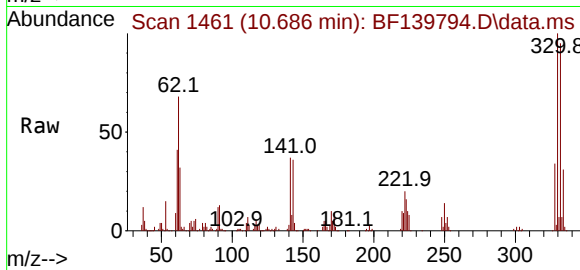




#67
4-Bromophenyl-phenylether
Concen: 2.631 ng
RT: 10.686 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF139794.D
Acq: 14 Oct 2024 17:56

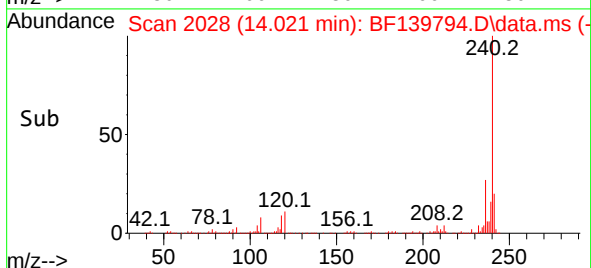
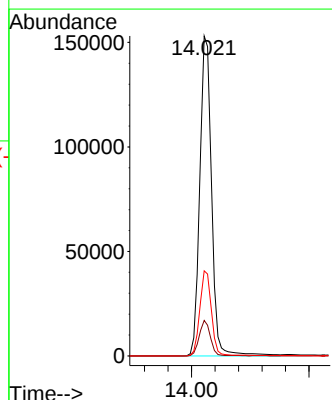
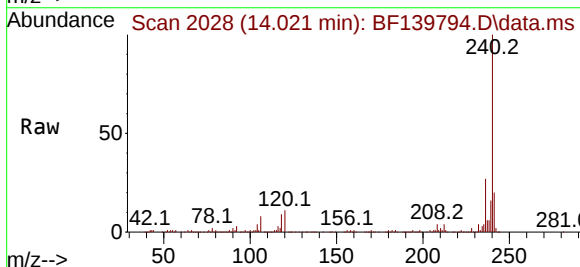
Instrument :
BNA_F
ClientSampleId :
Chamberlain Ave

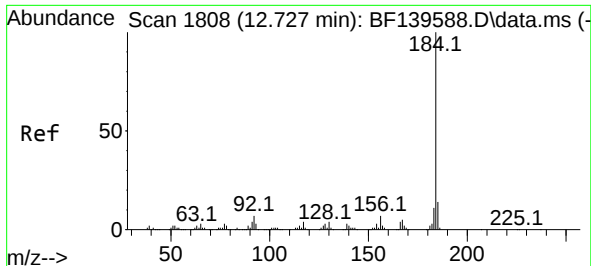
Tgt Ion:248 Resp: 12230
Ion Ratio Lower Upper
248 100
250 199.3 77.1 115.7#
141 530.6 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF139794.D
Acq: 14 Oct 2024 17:56

Tgt Ion:240 Resp: 213480
Ion Ratio Lower Upper
240 100
120 11.1 8.4 12.6
236 26.6 20.3 30.5

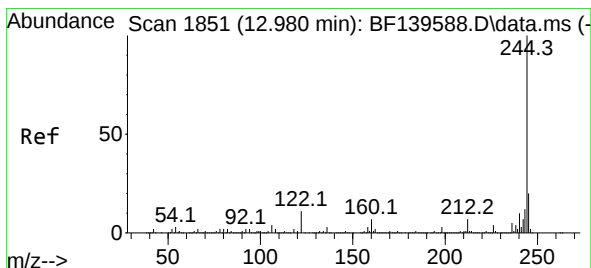
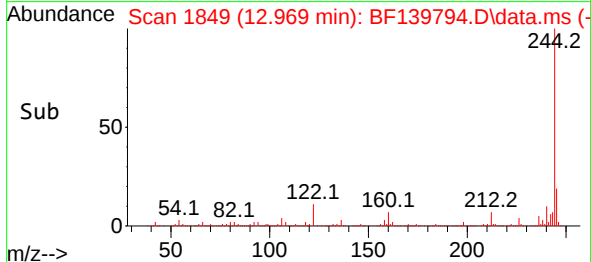
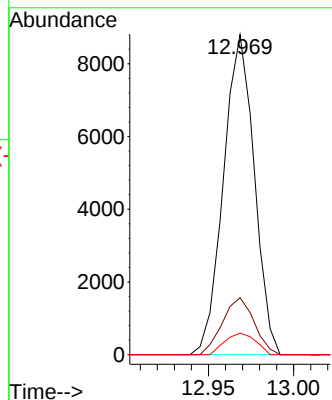
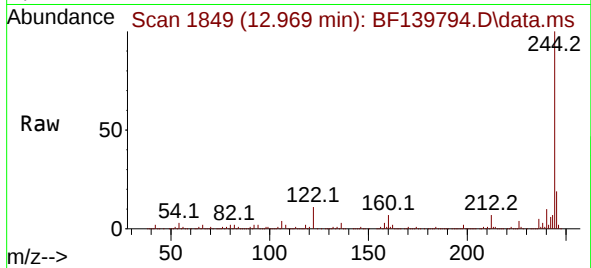




#77
Benzidine
Concen: 2.939 ng
RT: 12.969 min Scan# 1849
Delta R.T. 0.241 min
Lab File: BF139794.D
Acq: 14 Oct 2024 17:56

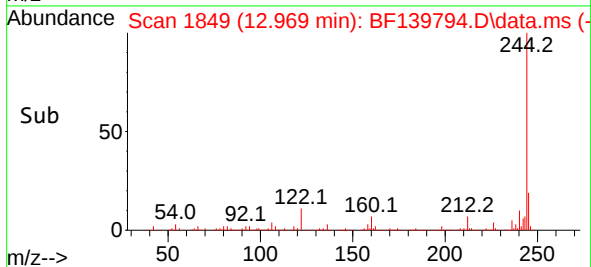
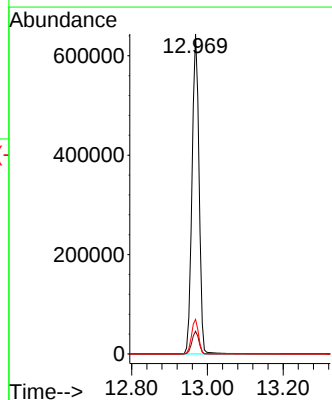
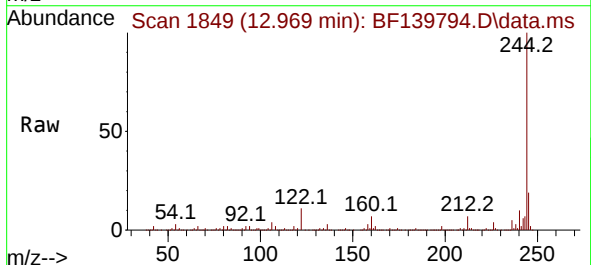
Instrument :
BNA_F
ClientSampleId :
Chamberlain Ave

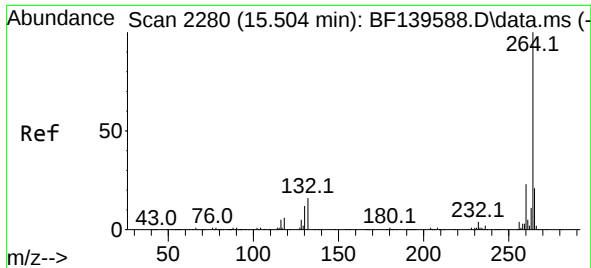
Tgt Ion:184 Resp: 11067
Ion Ratio Lower Upper
184 100
185 17.8 11.4 17.0#
183 6.8 8.8 13.2#



#79
Terphenyl-d14
Concen: 63.626 ng
RT: 12.969 min Scan# 1849
Delta R.T. -0.011 min
Lab File: BF139794.D
Acq: 14 Oct 2024 17:56

Tgt Ion:244 Resp: 827799
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 10.8 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139794.D
Acq: 14 Oct 2024 17:56

Instrument :
BNA_F
ClientSampleId :
Chamberlain Ave

Tgt Ion:264 Resp: 177491
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.5 16.9 25.3

