

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
 Data File : BF139744.D
 Acq On : 10 Oct 2024 14:08
 Operator : RC/JU
 Sample : P4340-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1B-7

Quant Time: Oct 10 14:45:51 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)

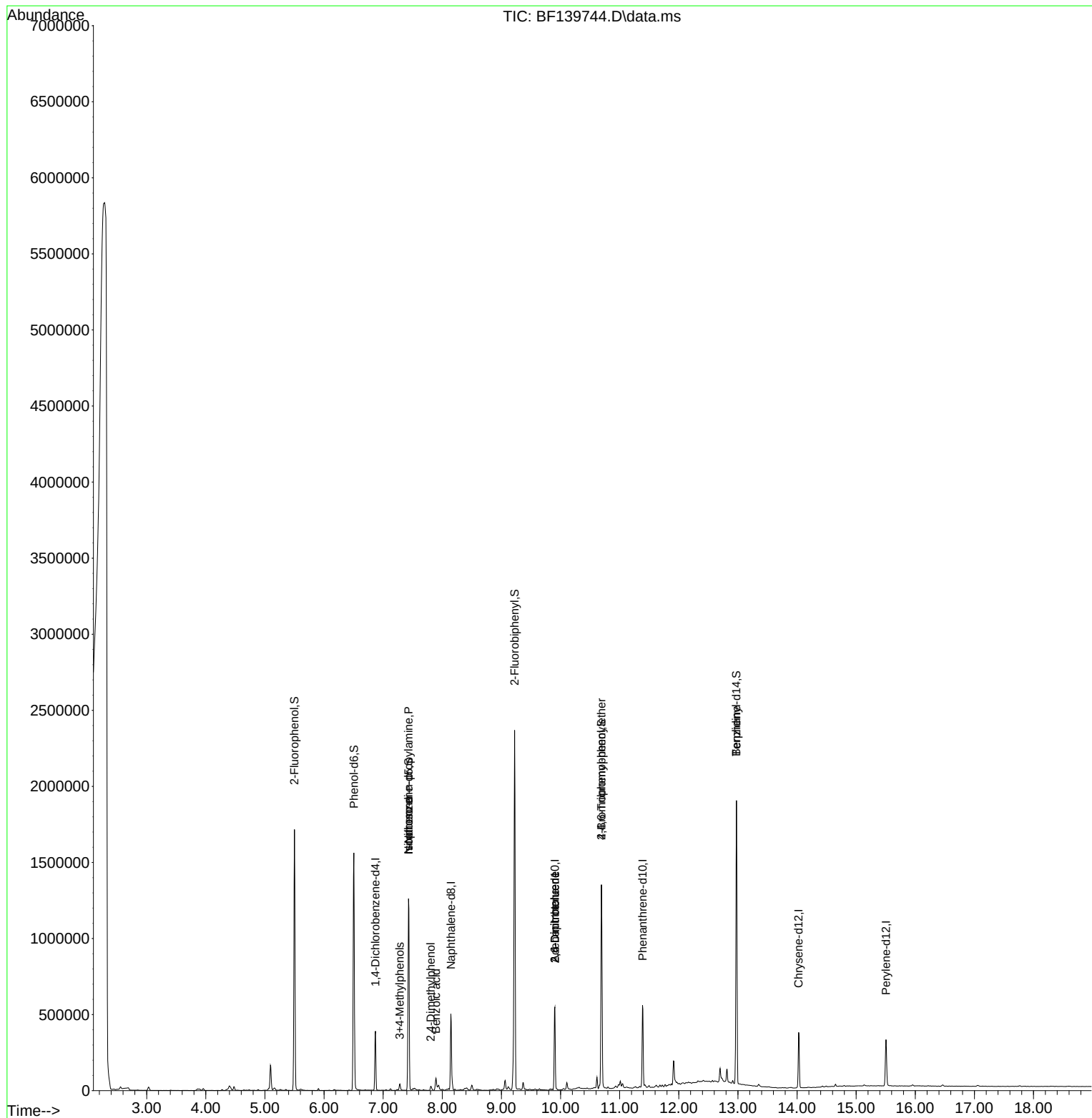
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	79835	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	298273	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	165062	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	286061	20.000	ng	0.00
76) Chrysene-d12	14.027	240	167873	20.000	ng	0.00
86) Perylene-d12	15.504	264	172959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	589448	127.971	ng	0.01
7) Phenol-d6	6.504	99	702672	113.440	ng	0.00
23) Nitrobenzene-d5	7.428	82	559843	95.030	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	212038	133.072	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1012439	94.163	ng	0.00
79) Terphenyl-d14	12.975	244	896713	87.647	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.428	70	75544	18.970	ng	# 76
20) 3+4-Methylphenols	7.281	107	16169	3.125	ng	# 48
25) Isophorone	7.428	82	555398	53.080	ng	# 66
27) 2,4-Dimethylphenol	7.804	122	8372	2.608	ng	95
32) Benzoic acid	7.893	122	16326	5.114	ng	98
51) 2,6-Dinitrotoluene	9.904	165	20838	8.537	ng	# 18
57) 2,4-Dinitrotoluene	9.904	165	20838	6.531	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	13784	4.700	ng	# 1
77) Benzidine	12.975	184	12251	4.137	ng	# 88

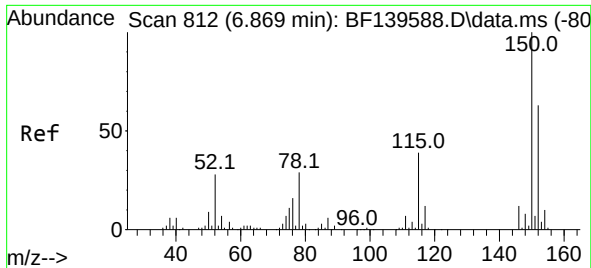
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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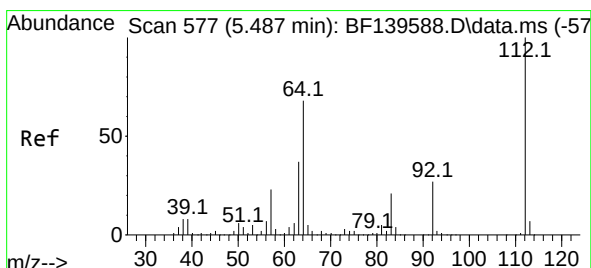
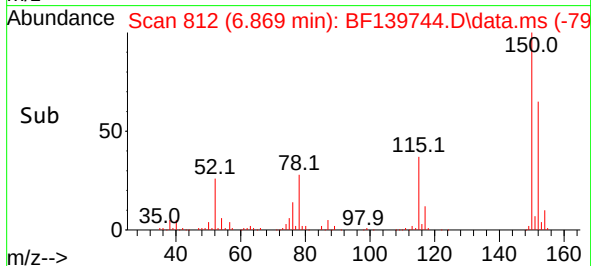
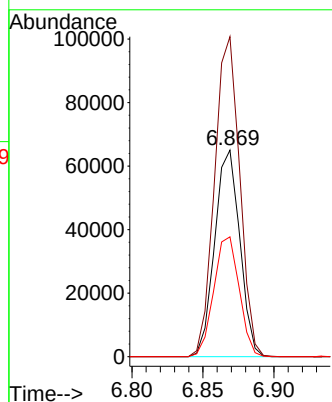
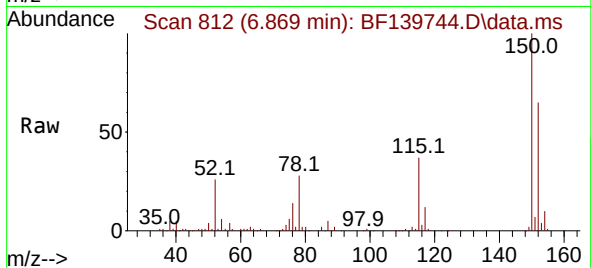




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

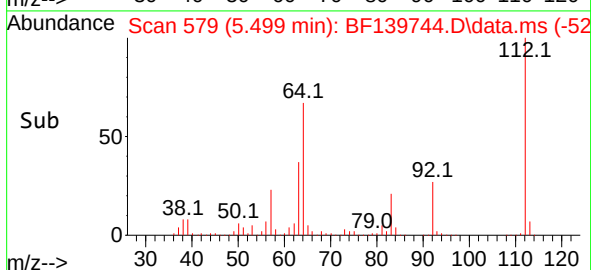
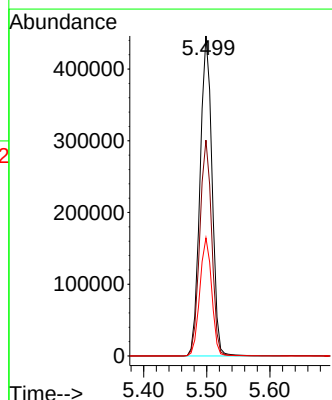
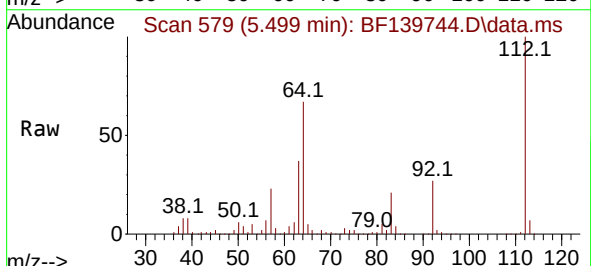
Instrument :
BNA_F
ClientSampleId :
1B-7

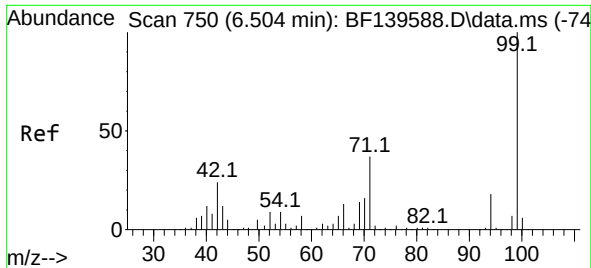
Tgt Ion:152 Resp: 79835
Ion Ratio Lower Upper
152 100
150 154.9 127.2 190.8
115 58.0 49.0 73.4



#5
2-Fluorophenol
Concen: 127.971 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

Tgt Ion:112 Resp: 589448
Ion Ratio Lower Upper
112 100
64 67.5 54.2 81.4
63 36.9 29.4 44.2

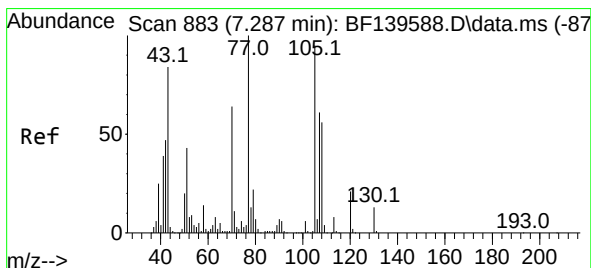
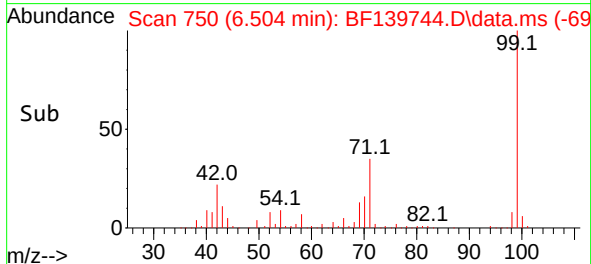
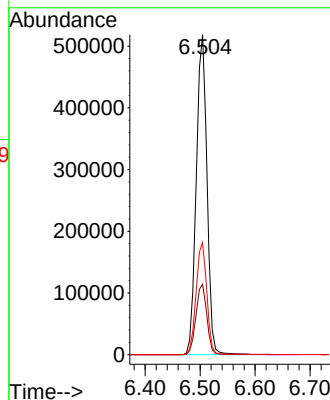
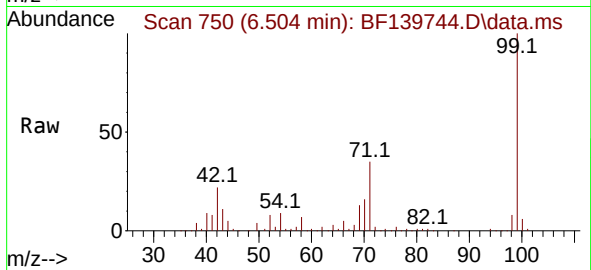




#7
Phenol-d6
Concen: 113.440 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

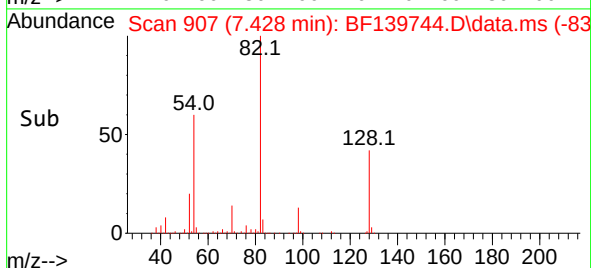
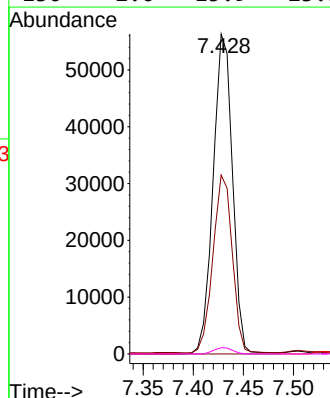
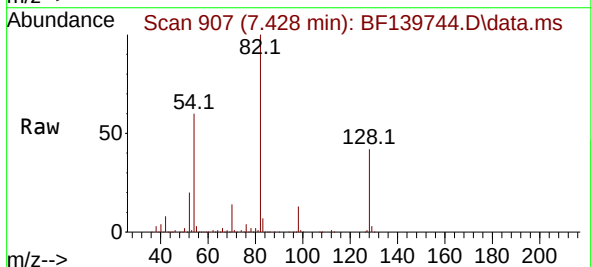
Instrument :
BNA_F
ClientSampleId :
1B-7

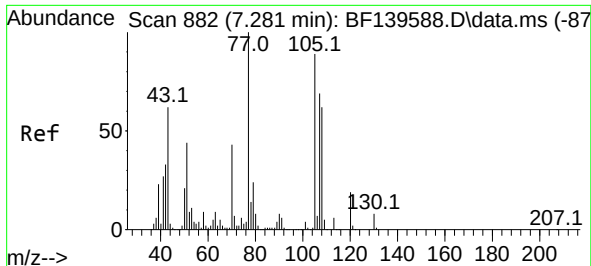
Tgt Ion: 99 Resp: 702672
Ion Ratio Lower Upper
99 100
42 22.0 19.1 28.7
71 35.0 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.970 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

Tgt Ion: 70 Resp: 75544
Ion Ratio Lower Upper
70 100
42 55.9 58.0 87.0#
101 0.0 7.8 11.8#
130 2.0 15.9 23.9#

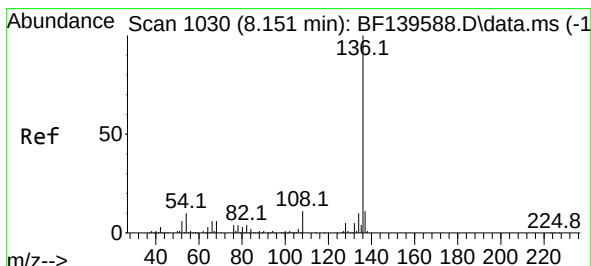
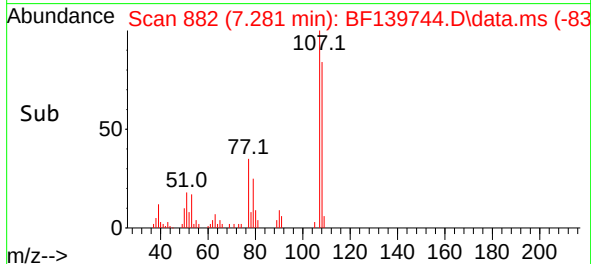
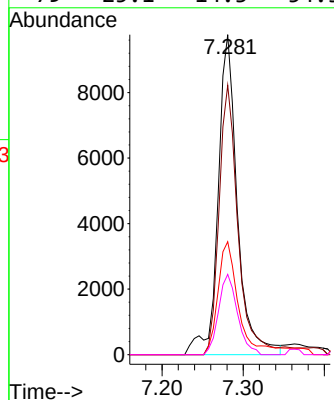
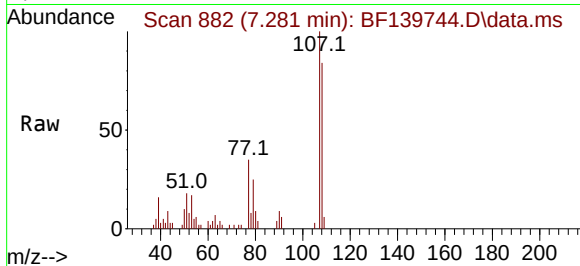




#20
3+4-Methylphenols
Concen: 3.125 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

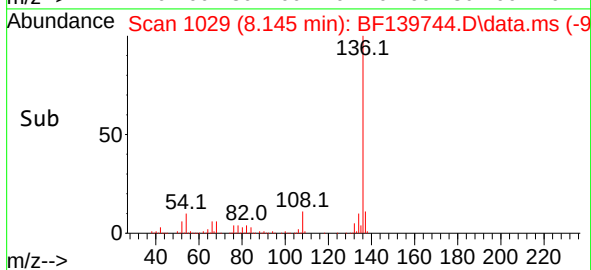
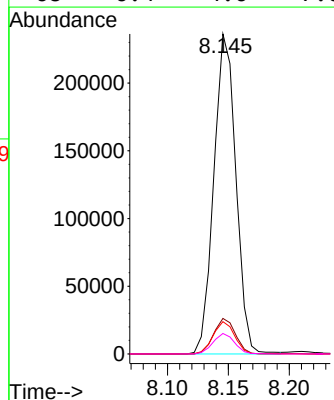
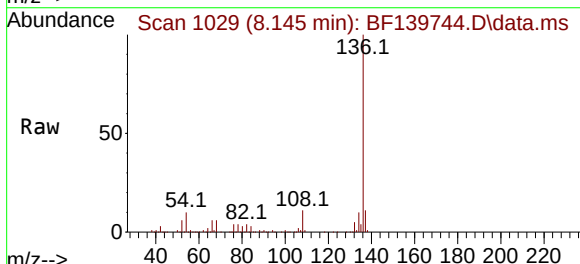
Instrument :
BNA_F
ClientSampleId :
1B-7

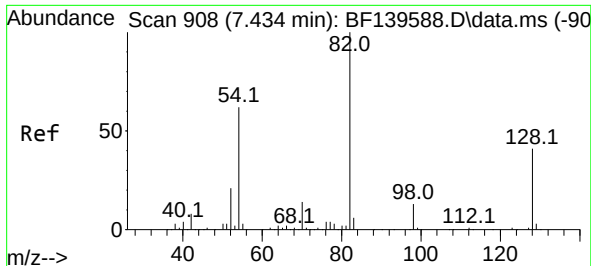
Tgt Ion:	107	Resp:	16169
Ion	Ratio	Lower	Upper
107	100		
108	84.2	70.2	110.2
77	35.3	125.3	165.3#
79	25.1	14.3	54.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

Tgt Ion:	136	Resp:	298273
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.1	8.3	12.5
68	6.4	4.6	7.0

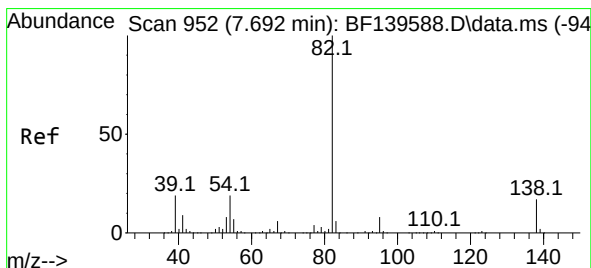
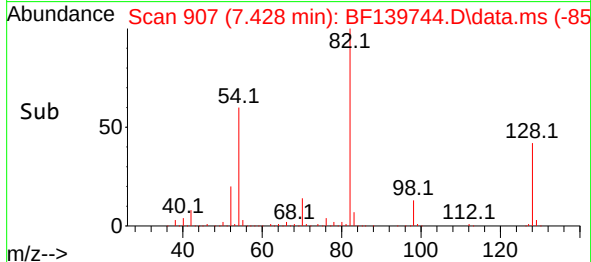
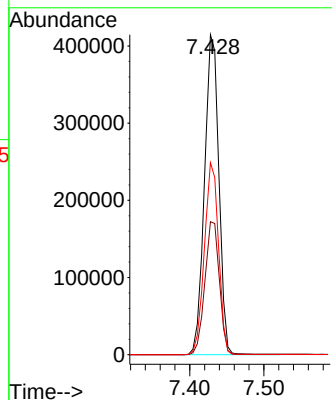
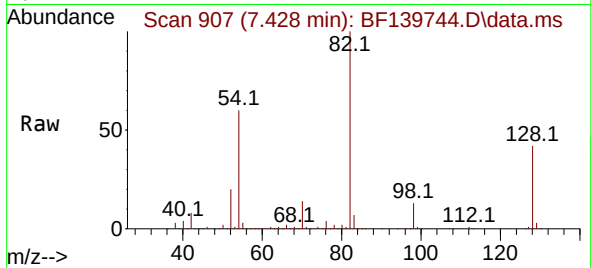




#23
Nitrobenzene-d5
Concen: 95.030 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

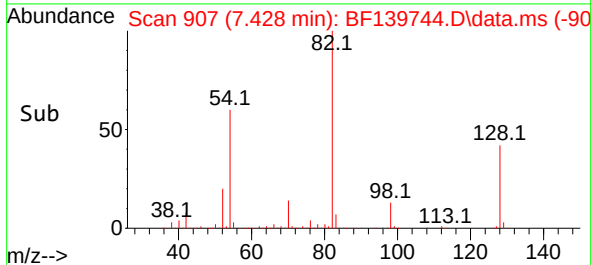
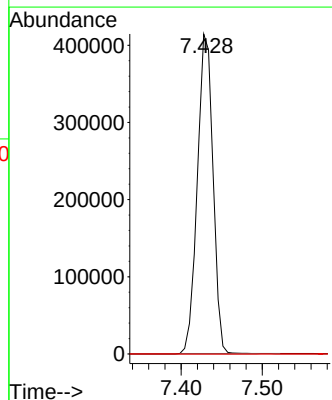
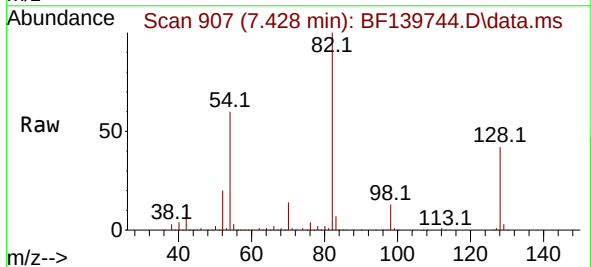
Instrument :
BNA_F
ClientSampleId :
1B-7

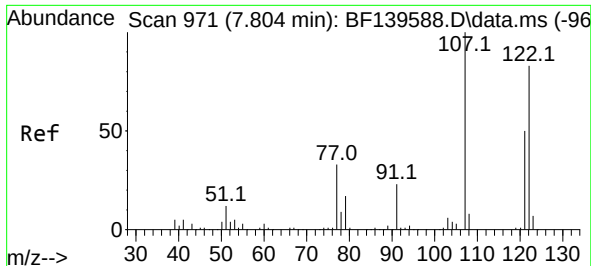
Tgt Ion: 82 Resp: 559843
Ion Ratio Lower Upper
82 100
128 41.6 32.4 48.6
54 60.0 49.1 73.7



#25
Isophorone
Concen: 53.080 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.265 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

Tgt Ion: 82 Resp: 555398
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#





#27

2,4-Dimethylphenol

Concen: 2.608 ng

RT: 7.804 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF139744.D

Acq: 10 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

1B-7

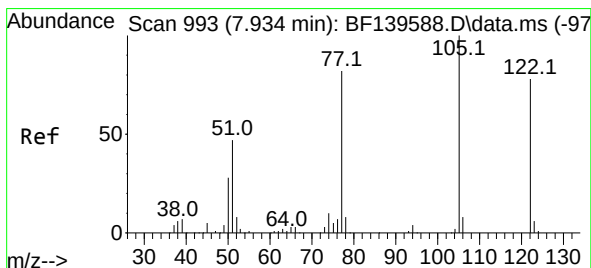
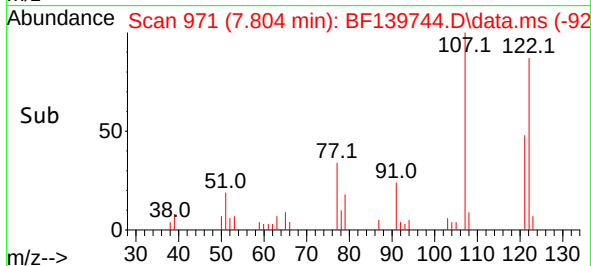
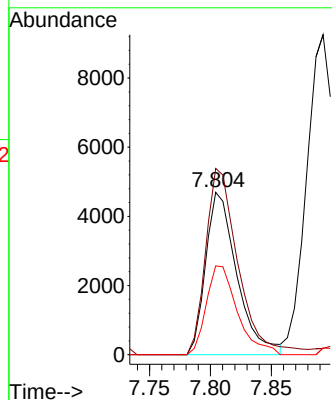
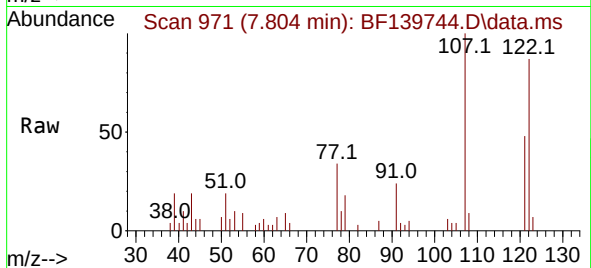
Tgt Ion:122 Resp: 8372

Ion Ratio Lower Upper

122 100

107 114.7 95.4 143.0

121 54.7 47.4 71.2



#32

Benzoic acid

Concen: 5.114 ng

RT: 7.893 min Scan# 986

Delta R.T. -0.041 min

Lab File: BF139744.D

Acq: 10 Oct 2024 14:08

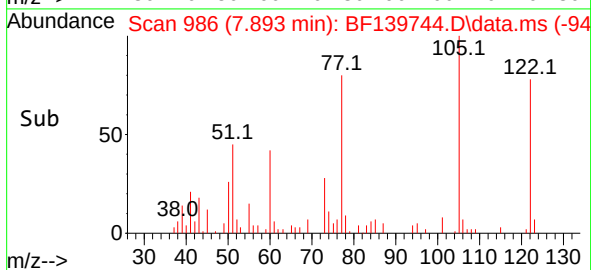
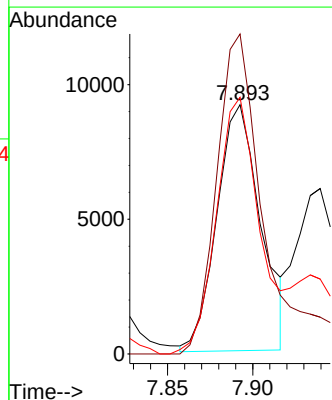
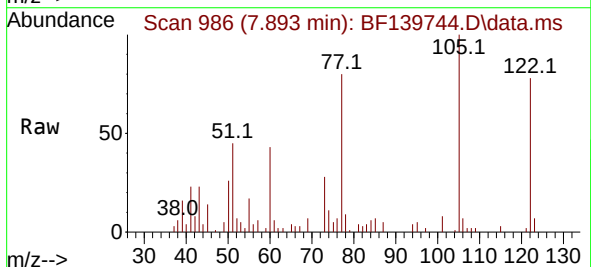
Tgt Ion:122 Resp: 16326

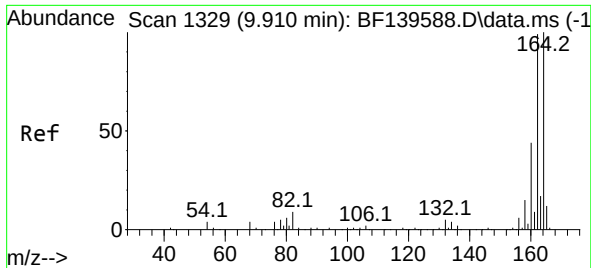
Ion Ratio Lower Upper

122 100

105 128.4 104.9 144.9

77 103.0 82.7 122.7

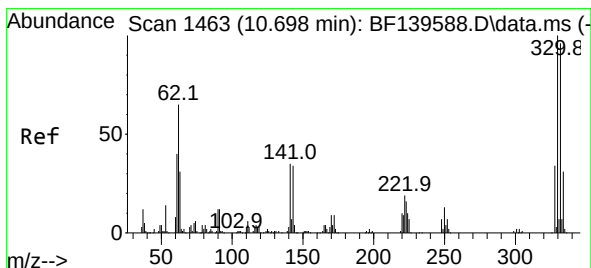
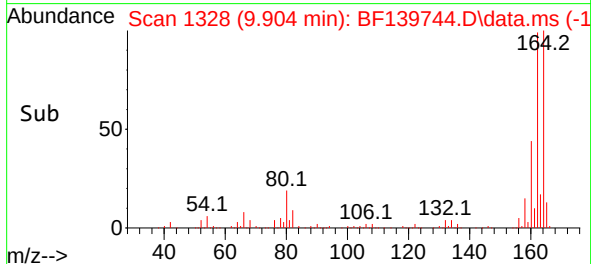
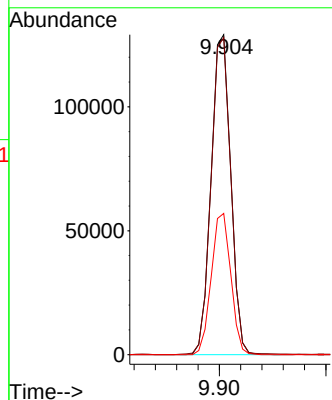
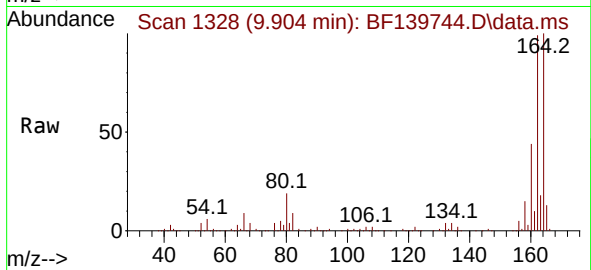




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

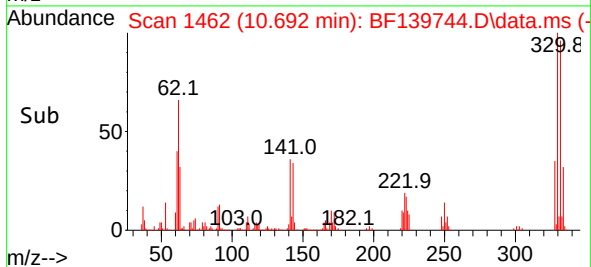
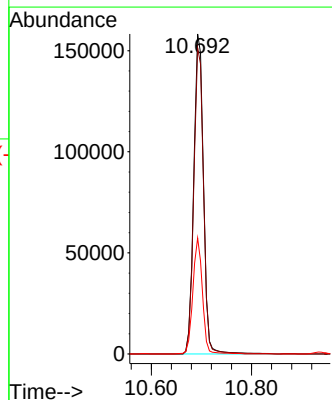
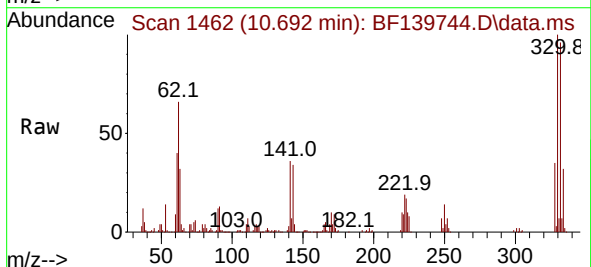
Instrument :
BNA_F
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1B-7

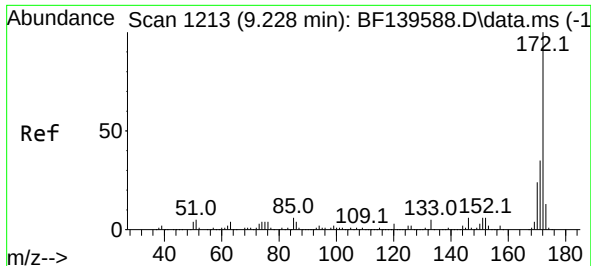
Tgt Ion:164 Resp: 165062
Ion Ratio Lower Upper
164 100
162 99.1 79.4 119.0
160 44.1 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 133.072 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

Tgt Ion:330 Resp: 212038
Ion Ratio Lower Upper
330 100
332 95.8 76.5 114.7
141 35.5 29.3 43.9

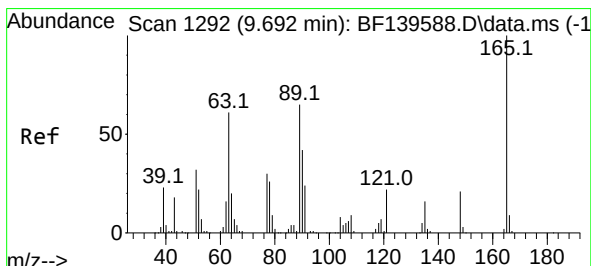
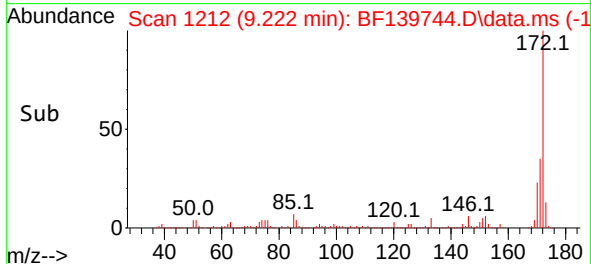
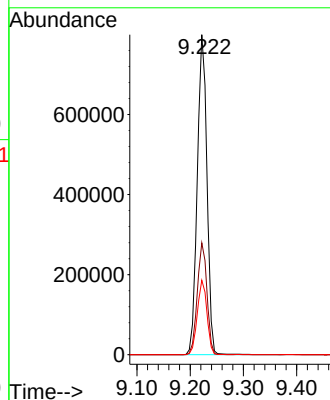
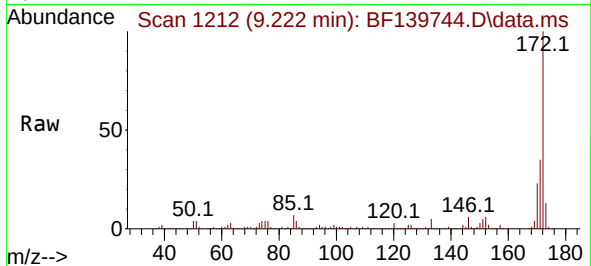




#45
2-Fluorobiphenyl
Concen: 94.163 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

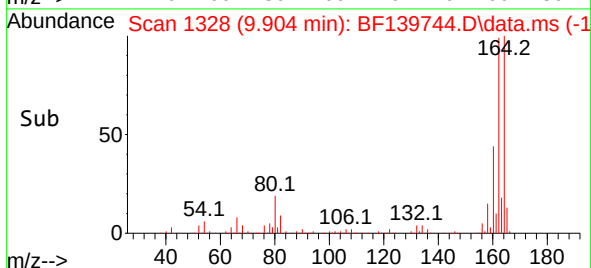
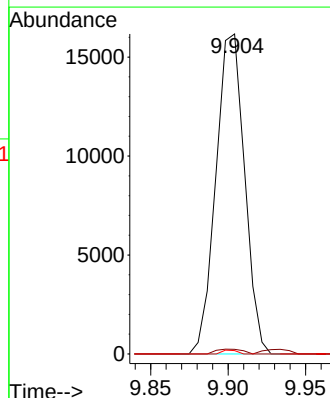
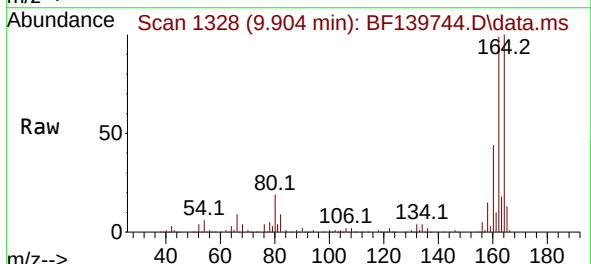
Instrument :
BNA_F
ClientSampleId :
1B-7

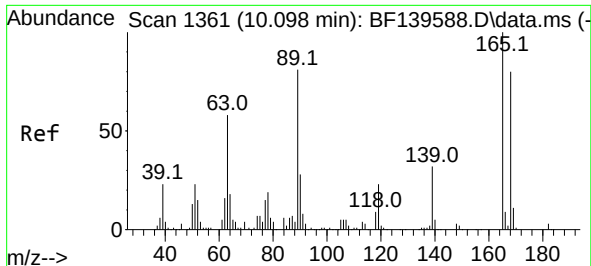
Tgt Ion:172 Resp: 1012439
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.2 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.537 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

Tgt Ion:165 Resp: 20838
Ion Ratio Lower Upper
165 100
63 1.5 56.7 85.1#
89 1.1 51.6 77.4#

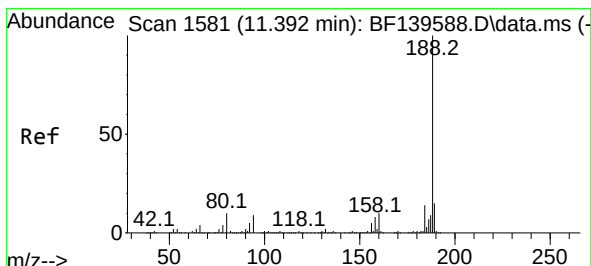
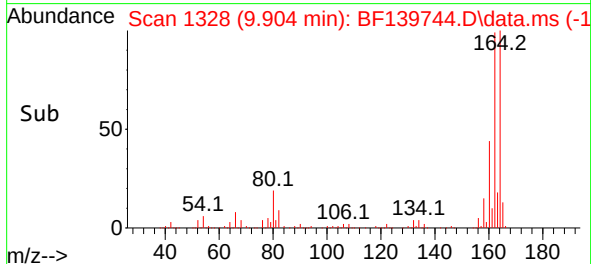
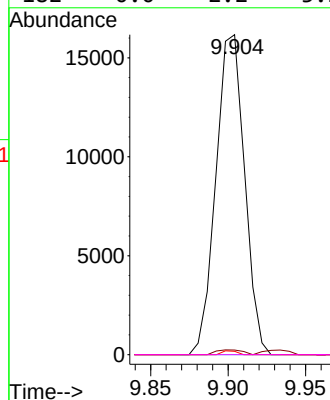
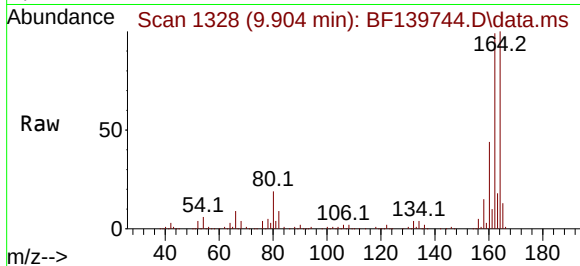




#57
2,4-Dinitrotoluene
Concen: 6.531 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

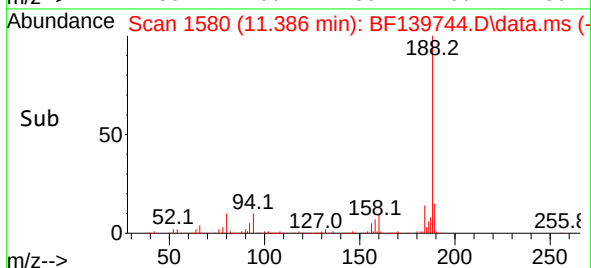
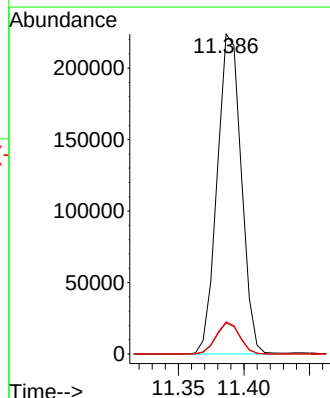
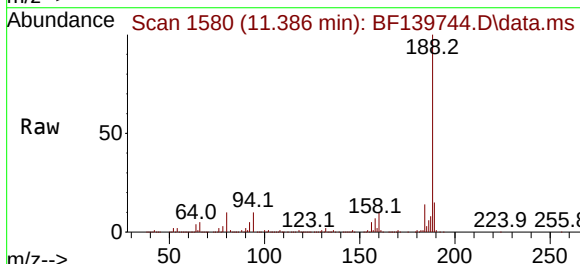
Instrument :
BNA_F
ClientSampleId :
1B-7

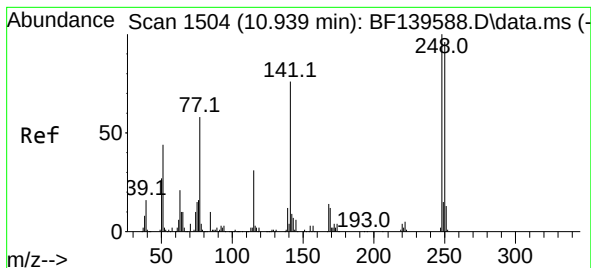
Tgt Ion:165	Resp:	20838
Ion Ratio	Lower	Upper
165	100	
63	1.5	46.9 70.3#
89	1.1	64.4 96.6#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

Tgt Ion:188	Resp:	286061
Ion Ratio	Lower	Upper
188	100	
94	9.7	7.4 11.2
80	10.0	8.2 12.2

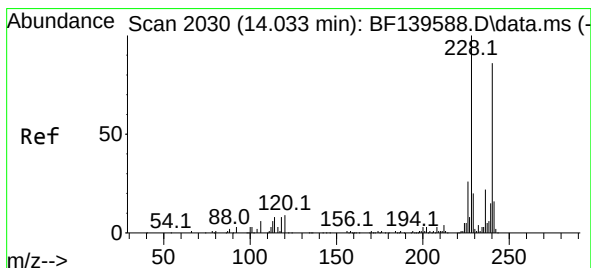
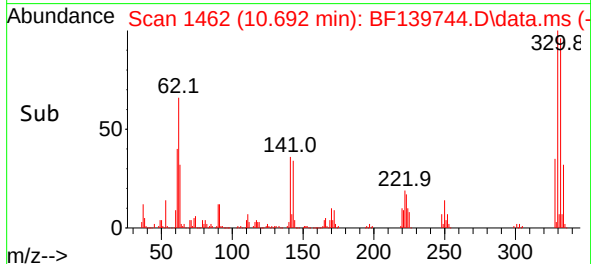
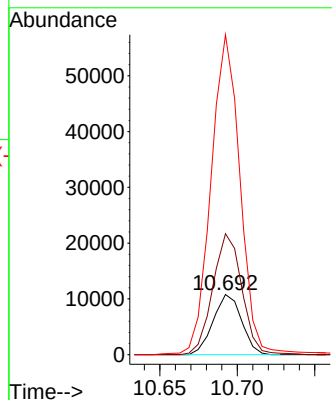
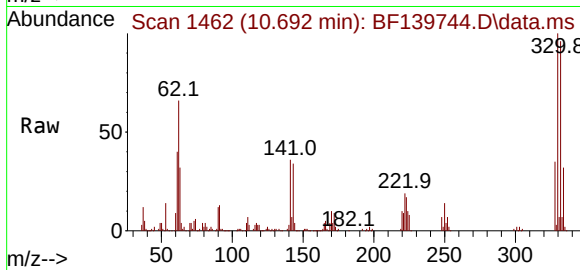




#67
4-Bromophenyl-phenylether
Concen: 4.700 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

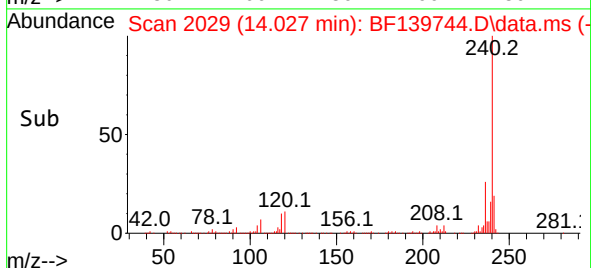
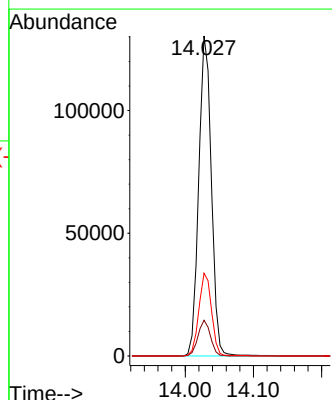
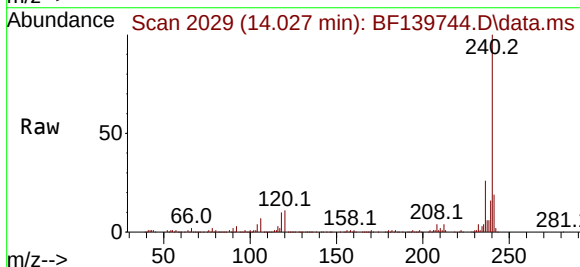
Instrument :
BNA_F
ClientSampleId :
1B-7

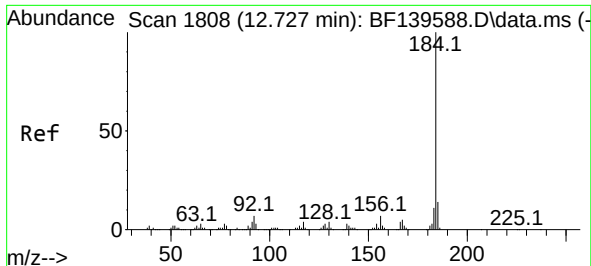
Tgt Ion:248 Resp: 13784
Ion Ratio Lower Upper
248 100
250 200.8 77.1 115.7#
141 531.4 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

Tgt Ion:240 Resp: 167873
Ion Ratio Lower Upper
240 100
120 11.2 8.4 12.6
236 25.8 20.3 30.5

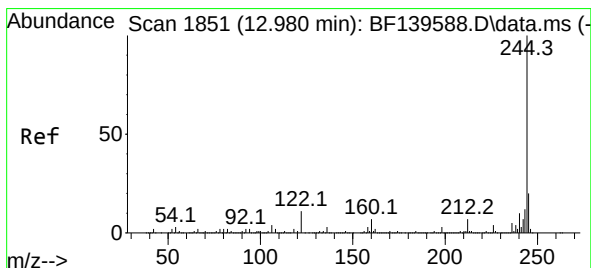
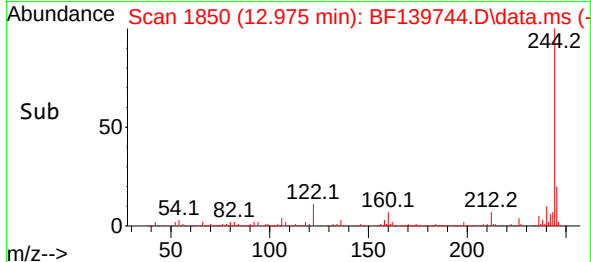
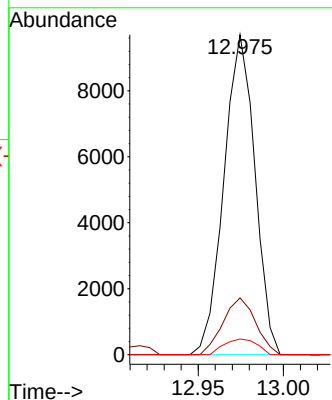
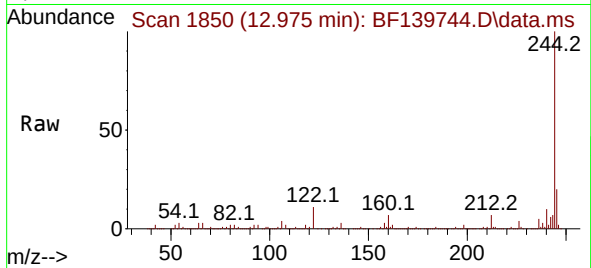




#77
Benzidine
Concen: 4.137 ng
RT: 12.975 min Scan# 1850
Delta R.T. 0.247 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

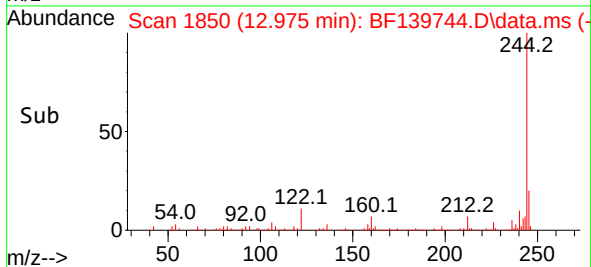
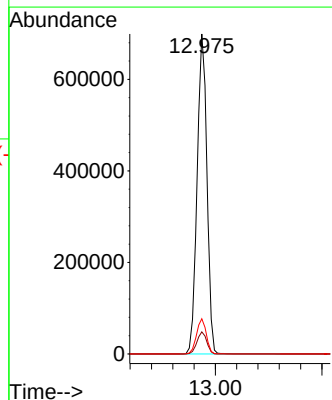
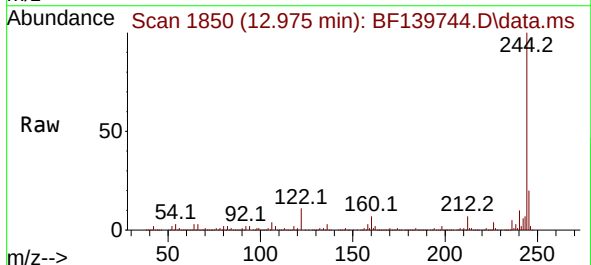
Instrument :
BNA_F
ClientSampleId :
1B-7

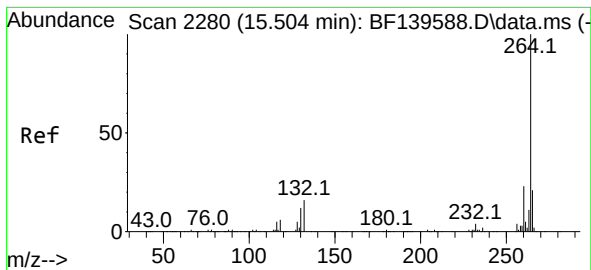
Tgt Ion:184 Resp: 12251
Ion Ratio Lower Upper
184 100
185 17.7 11.4 17.0#
183 4.9 8.8 13.2#



#79
Terphenyl-d14
Concen: 87.647 ng
RT: 12.975 min Scan# 1850
Delta R.T. -0.005 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

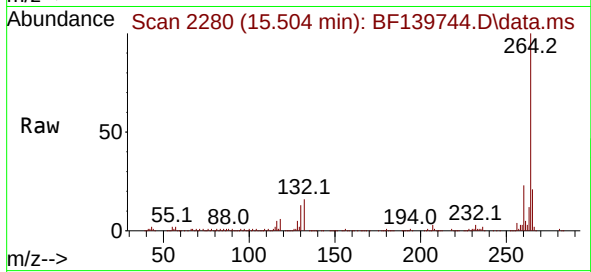
Tgt Ion:244 Resp: 896713
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 11.0 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

Instrument :
BNA_F
ClientSampleId :
1B-7



Tgt Ion:264 Resp: 172959
Ion Ratio Lower Upper
264 100
260 22.8 18.7 28.1
265 20.7 16.9 25.3

