

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140553.D
 Acq On : 21 Nov 2024 23:10
 Operator : RC/JU
 Sample : P4887-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-739

Quant Time: Nov 22 00:12:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

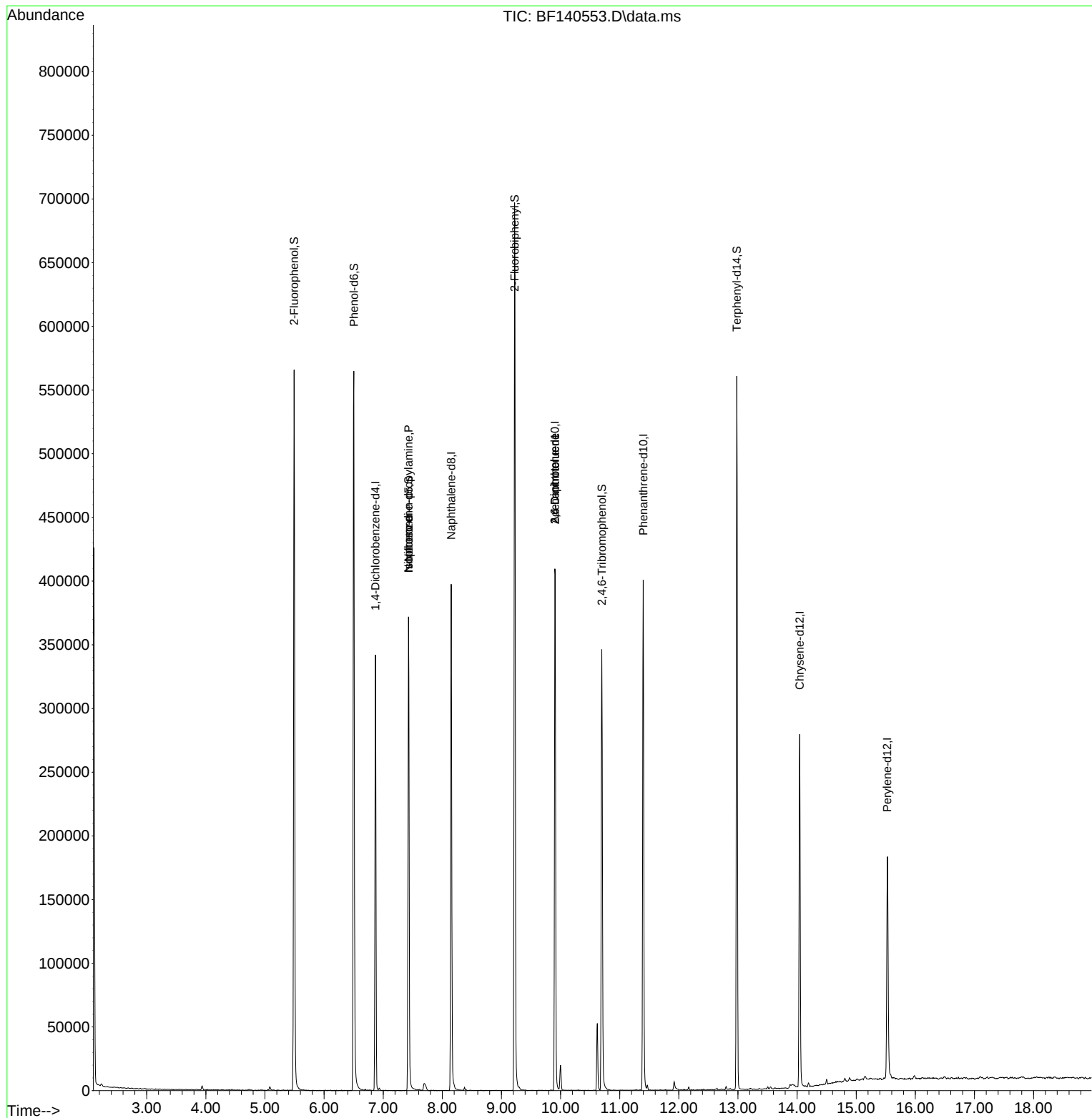
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	71748	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	257254	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	132902	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	226224	20.000	ng	0.00
76) Chrysene-d12	14.045	240	146610	20.000	ng	0.00
86) Perylene-d12	15.527	264	118657	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	210304	50.012	ng	0.00
7) Phenol-d6	6.504	99	270254	48.613	ng	-0.01
23) Nitrobenzene-d5	7.428	82	174046	34.606	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	62161	43.732	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	324397	36.368	ng	-0.01
79) Terphenyl-d14	12.980	244	273993	29.101	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	23454	7.139	ng	# 77
25) Isophorone	7.428	82	171042	20.390	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	17116	8.622	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	17116	6.488	ng	# 17

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

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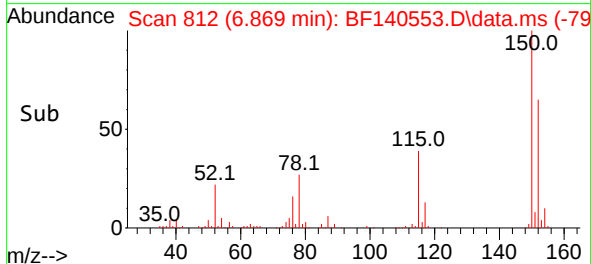
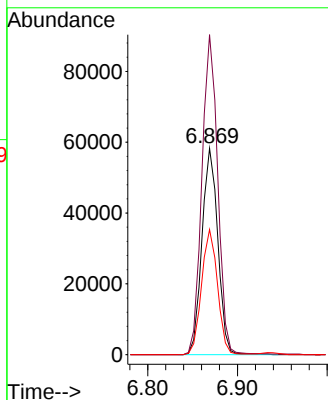
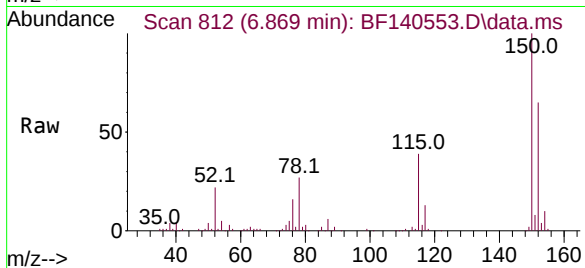




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140553.D
Acq: 21 Nov 2024 23:10

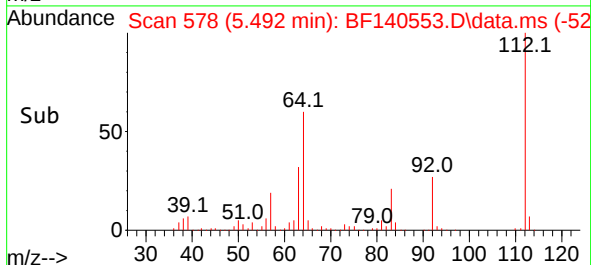
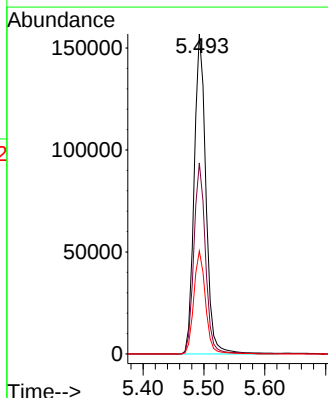
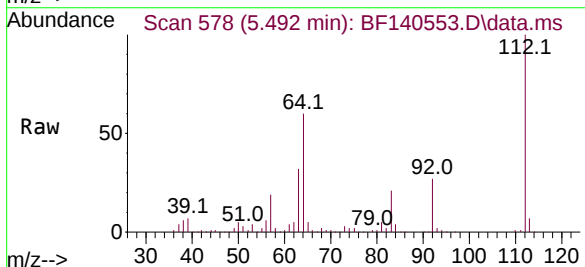
Instrument :
BNA_F
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MH-739

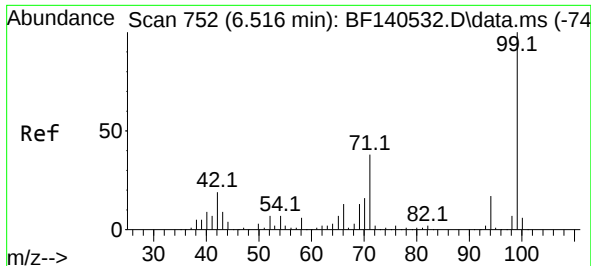
Tgt Ion:152 Resp: 71748
Ion Ratio Lower Upper
152 100
150 155.0 128.5 192.7
115 60.7 50.2 75.4



#5
2-Fluorophenol
Concen: 50.012 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF140553.D
Acq: 21 Nov 2024 23:10

Tgt Ion:112 Resp: 210304
Ion Ratio Lower Upper
112 100
64 59.7 49.2 73.8
63 32.1 27.0 40.4

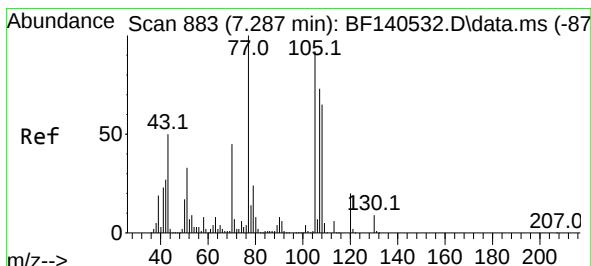
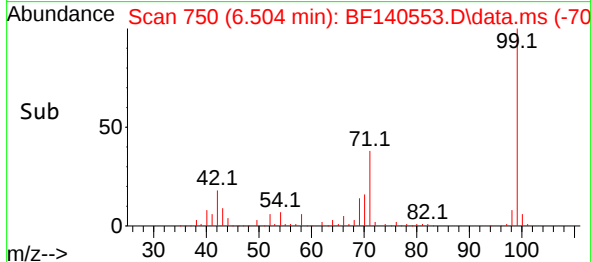
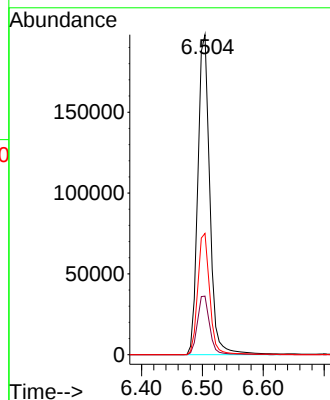
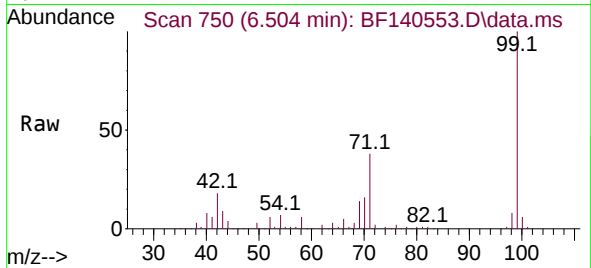




#7
Phenol-d6
Concen: 48.613 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140553.D
Acq: 21 Nov 2024 23:10

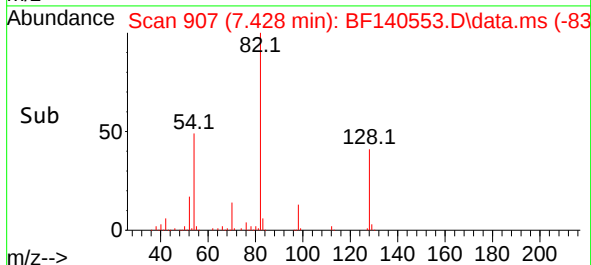
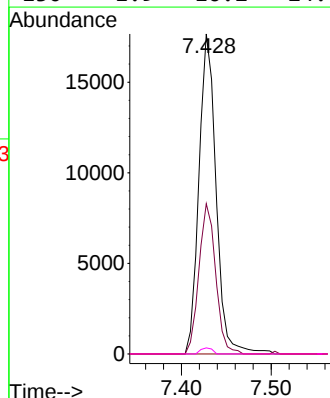
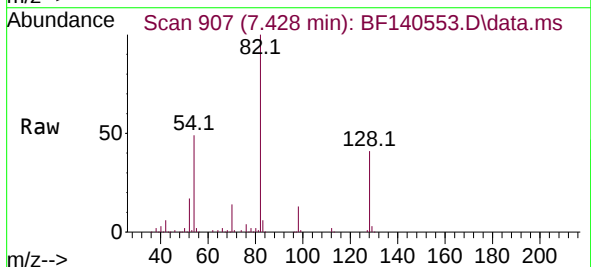
Instrument :
BNA_F
ClientSampleId :
MH-739

Tgt Ion: 99 Resp: 270254
Ion Ratio Lower Upper
99 100
42 18.3 15.4 23.0
71 37.9 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 7.139 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140553.D
Acq: 21 Nov 2024 23:10

Tgt Ion: 70 Resp: 23454
Ion Ratio Lower Upper
70 100
42 47.0 47.6 71.4#
101 0.0 7.6 11.4#
130 1.9 16.2 24.4#



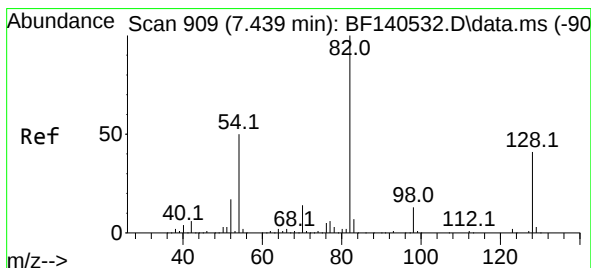
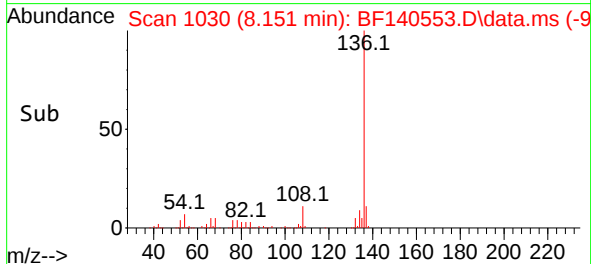
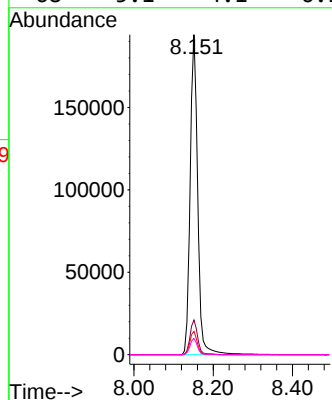
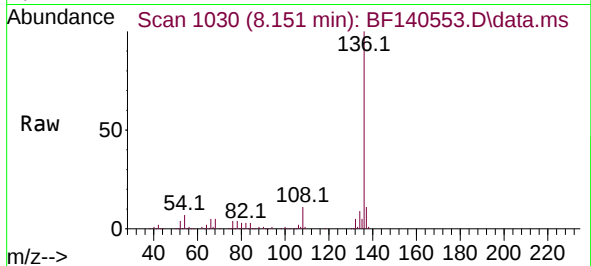


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140553.D
Acq: 21 Nov 2024 23:10

Instrument :
BNA_F
ClientSampleId :
MH-739

Tgt Ion:136 Resp: 257254

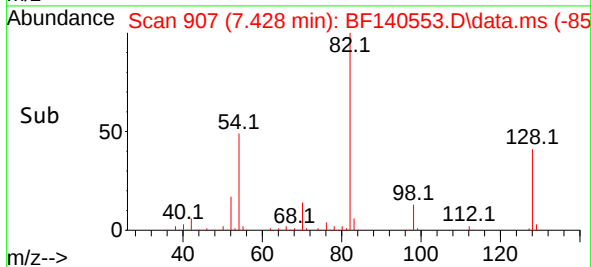
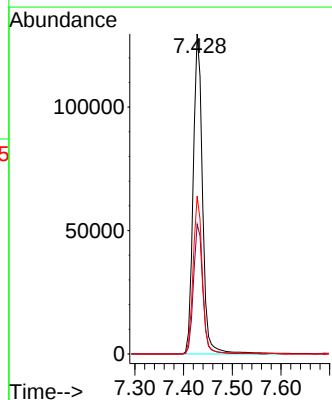
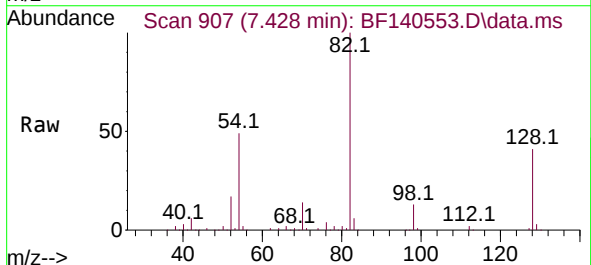
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.3	5.8	8.8
68	5.1	4.1	6.1



#23
Nitrobenzene-d5
Concen: 34.606 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140553.D
Acq: 21 Nov 2024 23:10

Tgt Ion: 82 Resp: 174046

Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.0	49.4
54	49.3	39.5	59.3

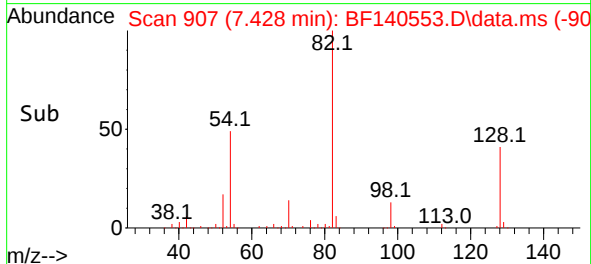
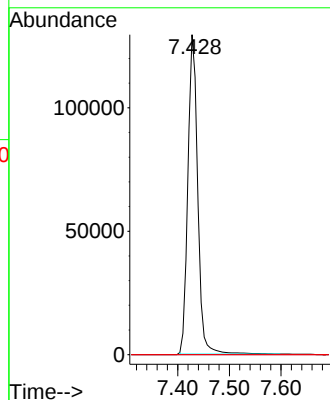
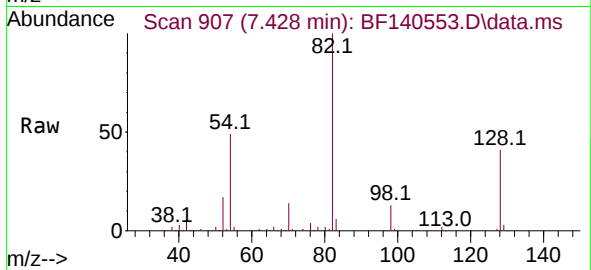




#25
Isophorone
Concen: 20.390 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140553.D
Acq: 21 Nov 2024 23:10

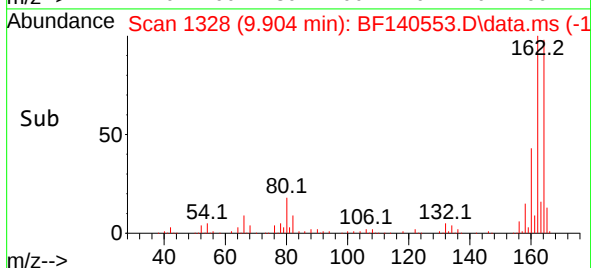
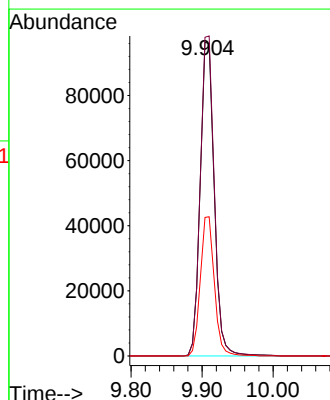
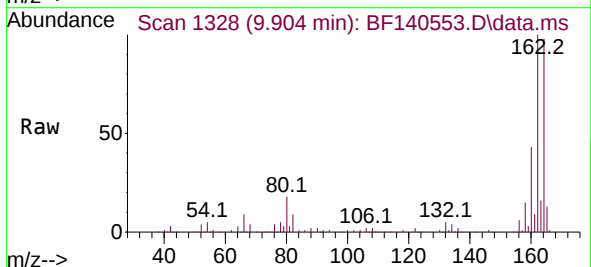
Instrument :
BNA_F
ClientSampleId :
MH-739

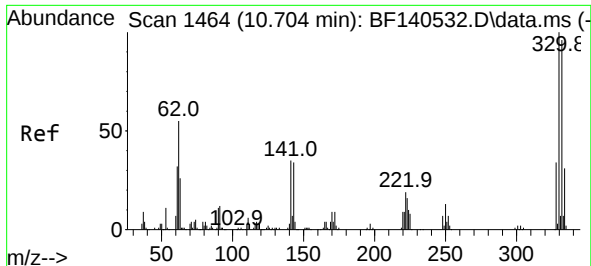
Tgt Ion: 82 Resp: 171042
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140553.D
Acq: 21 Nov 2024 23:10

Tgt Ion:164 Resp: 132902
Ion Ratio Lower Upper
164 100
162 101.7 80.6 120.8
160 44.2 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 43.732 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140553.D

Acq: 21 Nov 2024 23:10

Instrument :

BNA_F

ClientSampleId :

MH-739

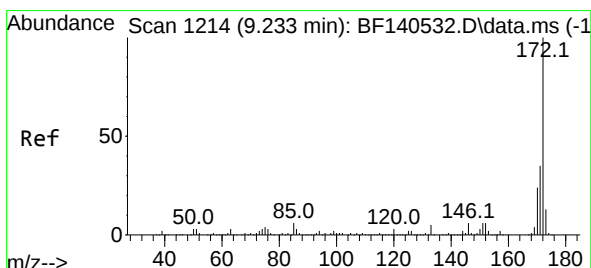
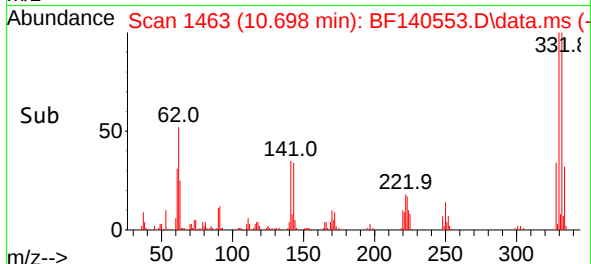
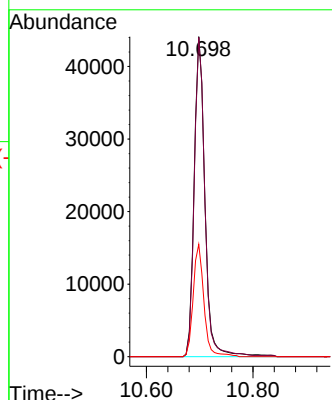
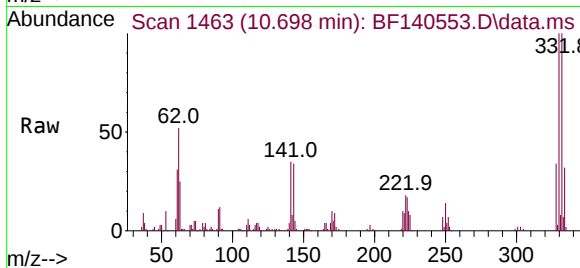
Tgt Ion:330 Resp: 62161

Ion Ratio Lower Upper

330 100

332 98.0 76.9 115.3

141 34.8 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 36.368 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140553.D

Acq: 21 Nov 2024 23:10

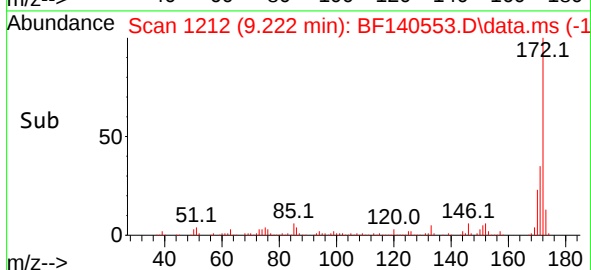
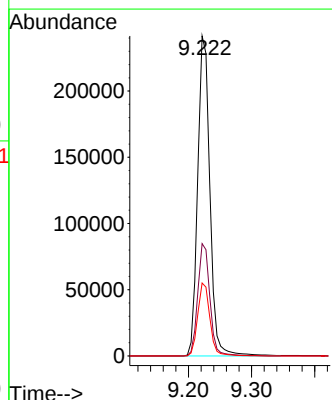
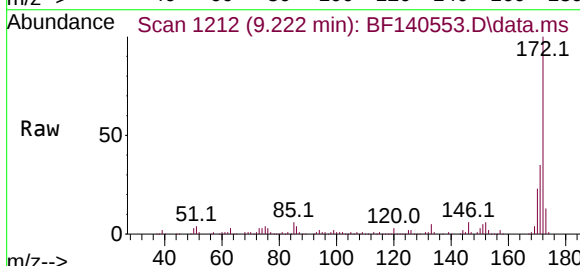
Tgt Ion:172 Resp: 324397

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 22.8 19.0 28.6

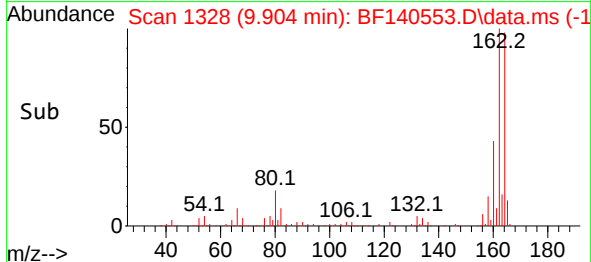
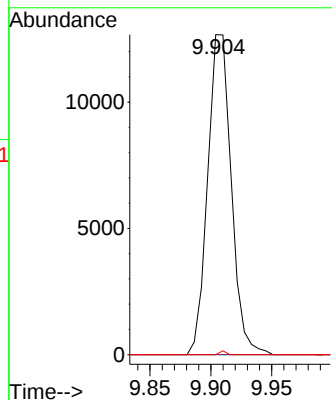
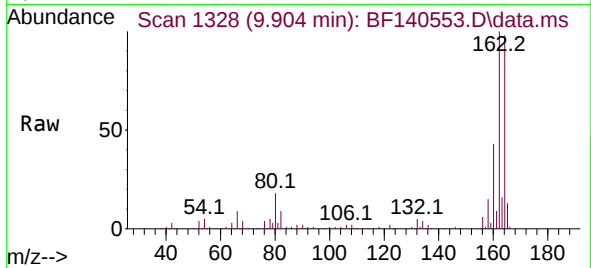




#51
2,6-Dinitrotoluene
Concen: 8.622 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140553.D
Acq: 21 Nov 2024 23:10

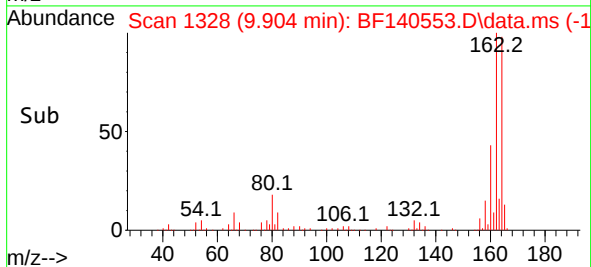
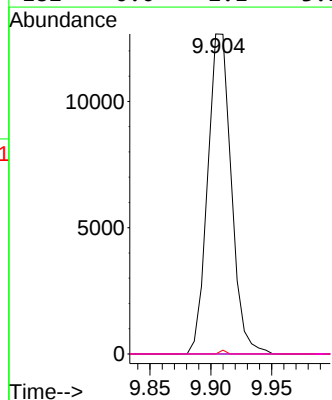
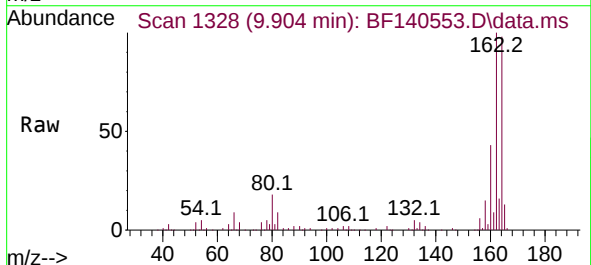
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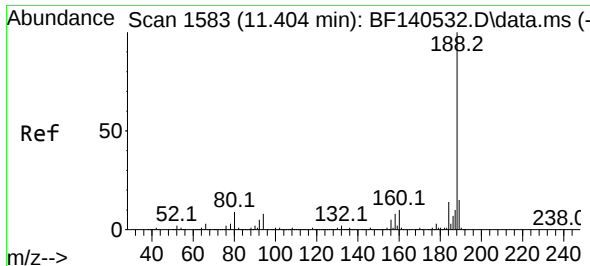
Tgt Ion:165 Resp: 17116
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.488 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140553.D
Acq: 21 Nov 2024 23:10

Tgt Ion:165 Resp: 17116
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 0.0 65.8 98.8#
182 0.0 2.1 3.1#

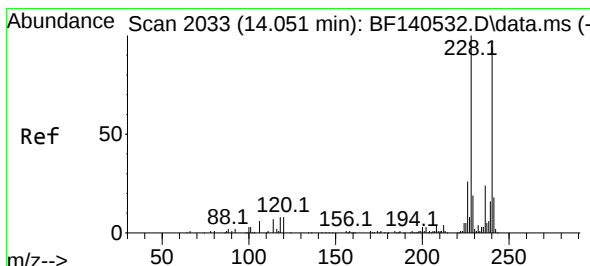
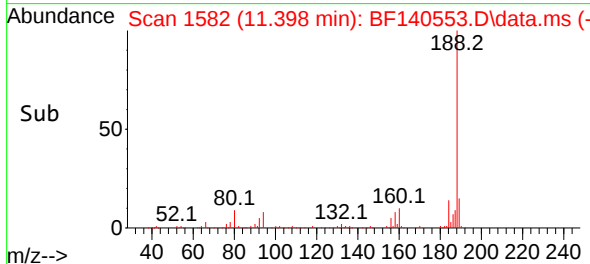
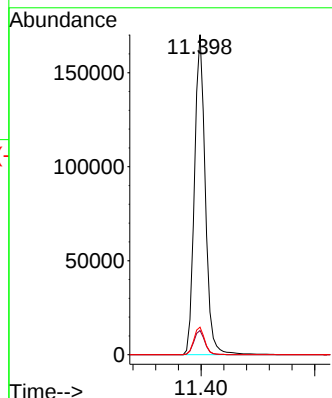
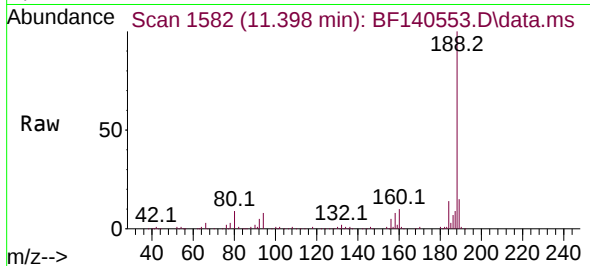




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140553.D
Acq: 21 Nov 2024 23:10

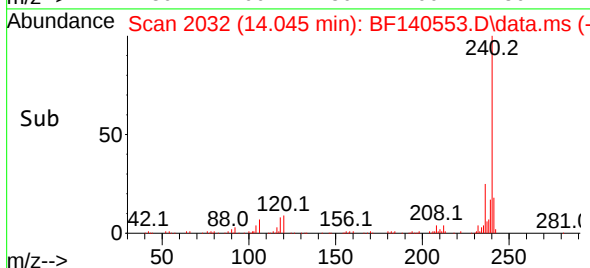
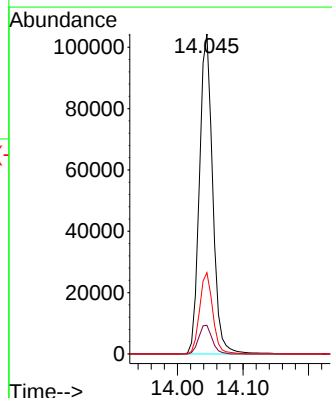
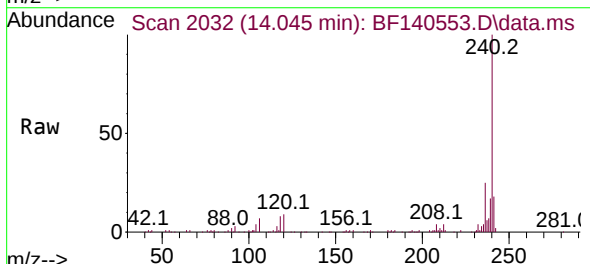
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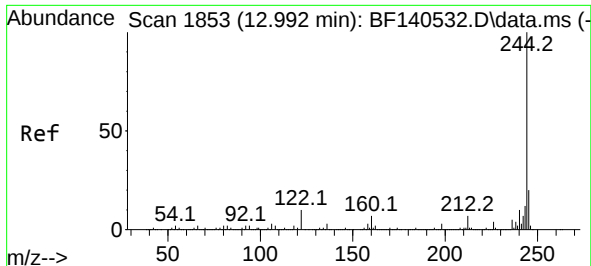
Tgt Ion:188 Resp: 226224
Ion Ratio Lower Upper
188 100
94 7.6 6.4 9.6
80 8.6 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140553.D
Acq: 21 Nov 2024 23:10

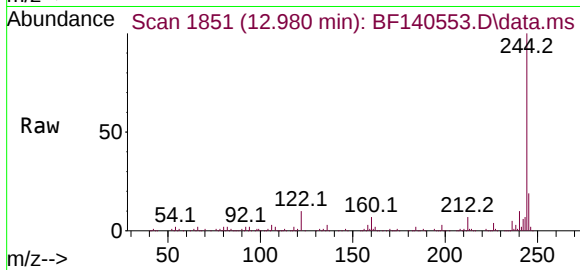
Tgt Ion:240 Resp: 146610
Ion Ratio Lower Upper
240 100
120 9.0 7.3 10.9
236 25.4 20.6 31.0



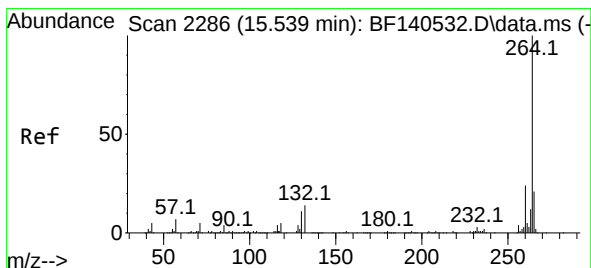
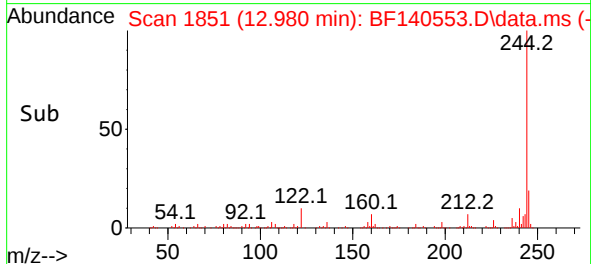
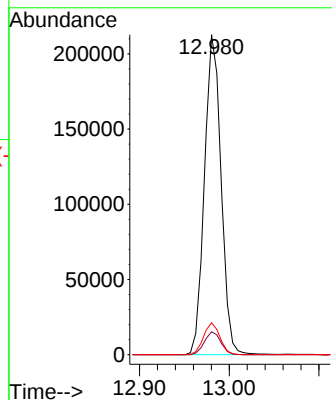


#79
Terphenyl-d14
Concen: 29.101 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140553.D
Acq: 21 Nov 2024 23:10

Instrument :
BNA_F
ClientSampleId :
MH-739



Tgt Ion:244 Resp: 273993
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.9 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2284
Delta R.T. -0.012 min
Lab File: BF140553.D
Acq: 21 Nov 2024 23:10

Tgt Ion:264 Resp: 118657
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 20.5 16.6 25.0

