

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
 Data File : BF140737.D
 Acq On : 04 Dec 2024 19:57
 Operator : RC/JU
 Sample : P5069-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A3988-SLUDGE

Quant Time: Dec 05 00:07:00 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)

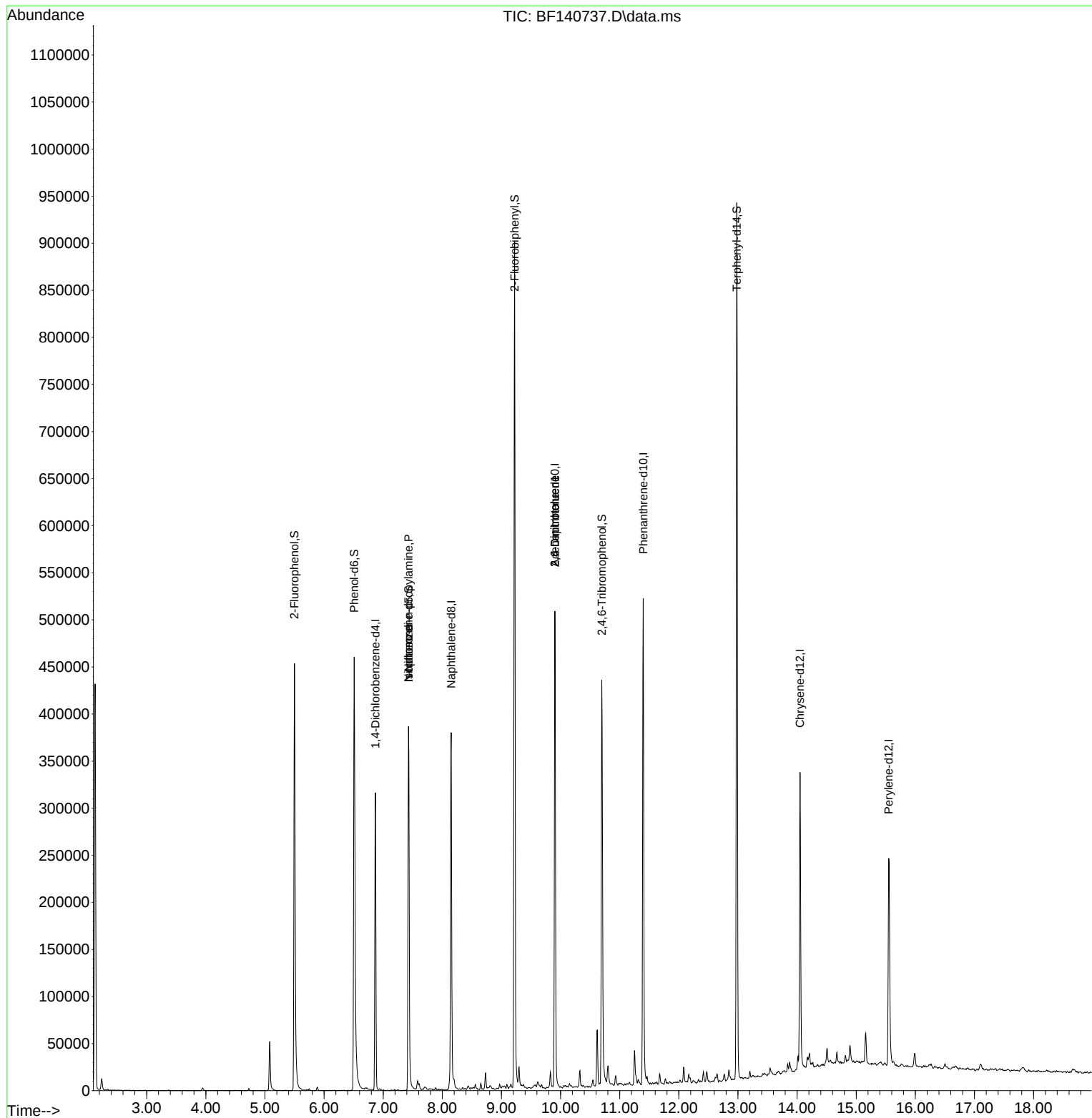
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	70045	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	265057	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	160579	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	297971	20.000	ng	0.00
76) Chrysene-d12	14.051	240	164657	20.000	ng	0.00
86) Perylene-d12	15.551	264	148972	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	198134	48.263	ng	0.00
7) Phenol-d6	6.510	99	278937	51.395	ng	0.00
23) Nitrobenzene-d5	7.428	82	192064	37.064	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	83033	48.348	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	414500	38.460	ng	-0.01
79) Terphenyl-d14	12.980	244	462683	43.755	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	25045	7.808	ng	# 76
25) Isophorone	7.428	82	186293	21.554	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	20438	8.521	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	20439	6.412	ng	# 17

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

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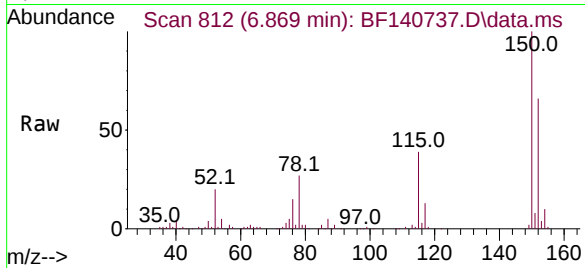
Quant Time: Dec 05 00:07:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



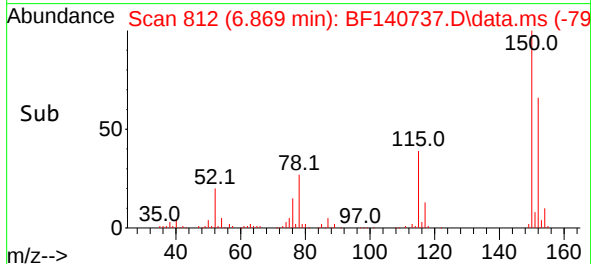
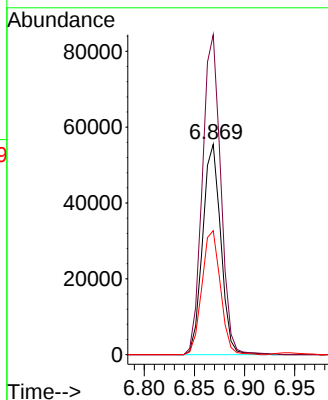


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140737.D
Acq: 04 Dec 2024 19:57

Instrument :
BNA_F
ClientSampleId :
A3988-SLUDGE

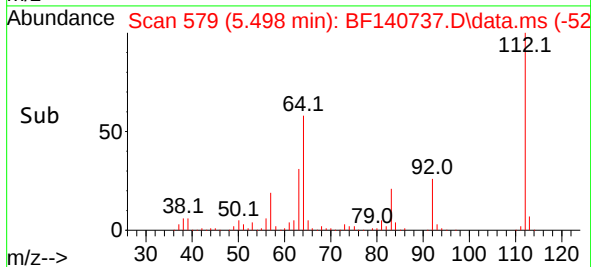
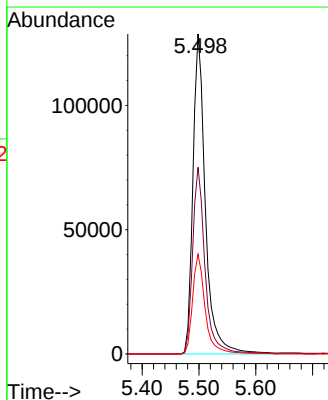
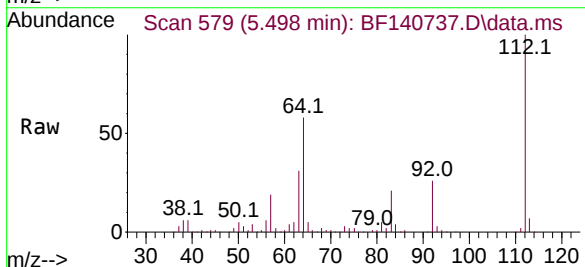


Tgt Ion:152 Resp: 70045
Ion Ratio Lower Upper
152 100
150 152.1 128.5 192.7
115 58.9 50.2 75.4



#5
2-Fluorophenol
Concen: 48.263 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF140737.D
Acq: 04 Dec 2024 19:57

Tgt Ion:112 Resp: 198134
Ion Ratio Lower Upper
112 100
64 58.4 49.2 73.8
63 31.2 27.0 40.4

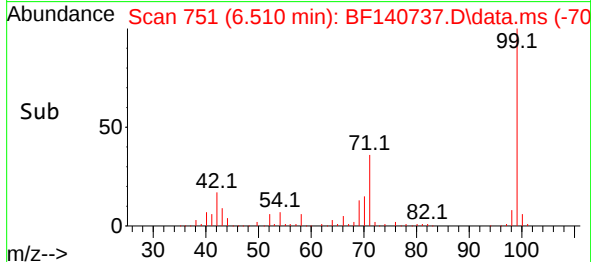
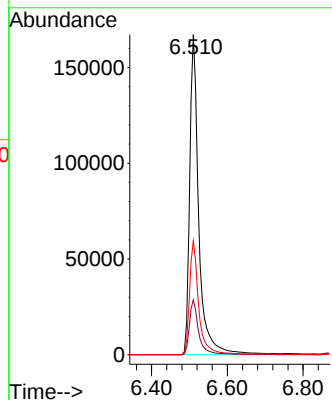
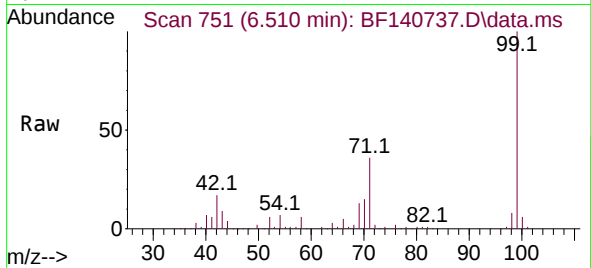




#7
Phenol-d6
Concen: 51.395 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140737.D
Acq: 04 Dec 2024 19:57

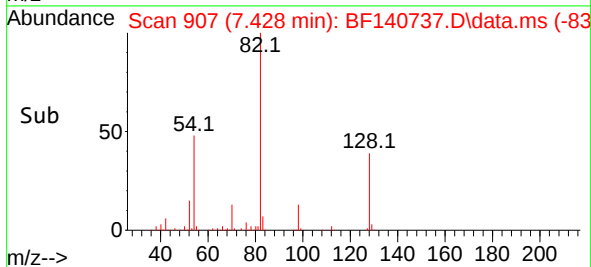
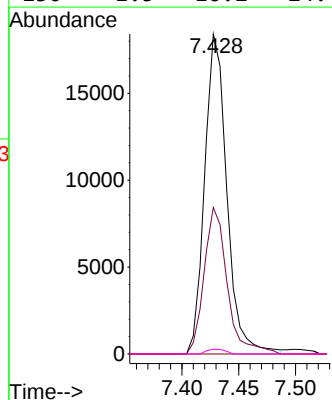
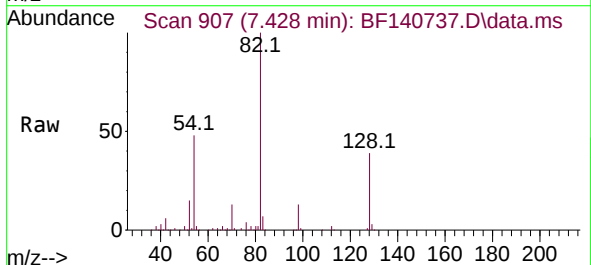
Instrument :
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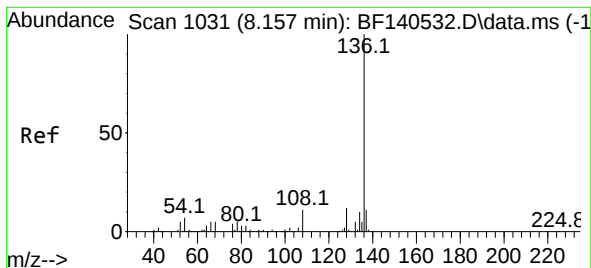
Tgt Ion: 99 Resp: 278937
Ion Ratio Lower Upper
99 100
42 17.2 15.4 23.0
71 35.6 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 7.808 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140737.D
Acq: 04 Dec 2024 19:57

Tgt Ion: 70 Resp: 25045
Ion Ratio Lower Upper
70 100
42 45.8 47.6 71.4#
101 0.0 7.6 11.4#
130 1.5 16.2 24.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140737.D

Acq: 04 Dec 2024 19:57

Instrument :

BNA_F

ClientSampleId :

A3988-SLUDGE

Tgt Ion:136 Resp: 265057

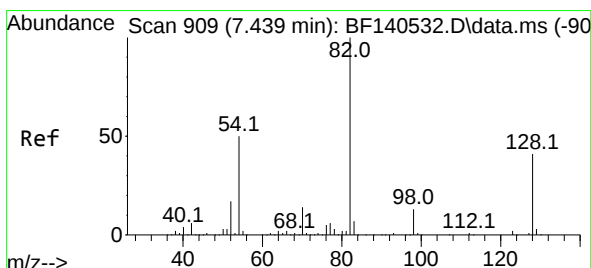
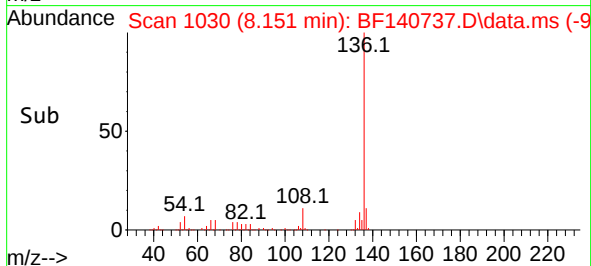
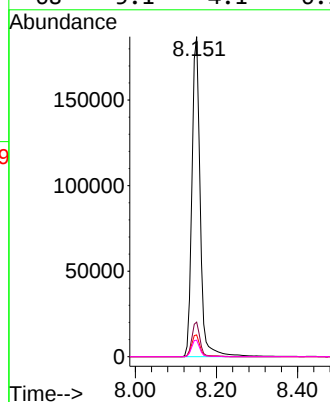
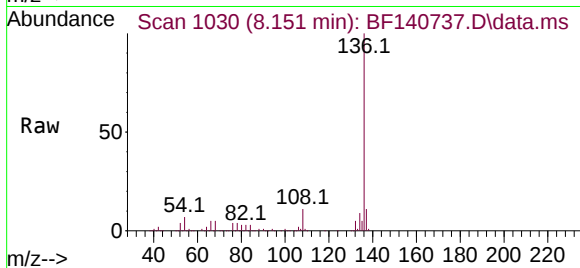
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 6.8 5.8 8.8

68 5.1 4.1 6.1



#23

Nitrobenzene-d5

Concen: 37.064 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF140737.D

Acq: 04 Dec 2024 19:57

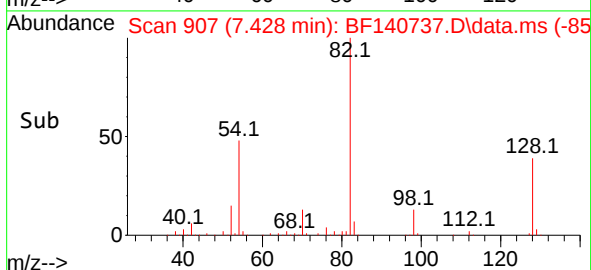
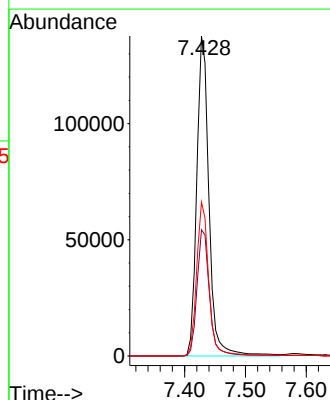
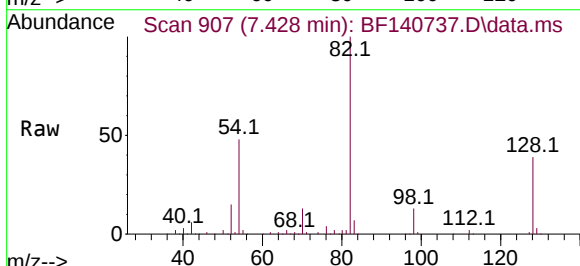
Tgt Ion: 82 Resp: 192064

Ion Ratio Lower Upper

82 100

128 39.4 33.0 49.4

54 48.1 39.5 59.3

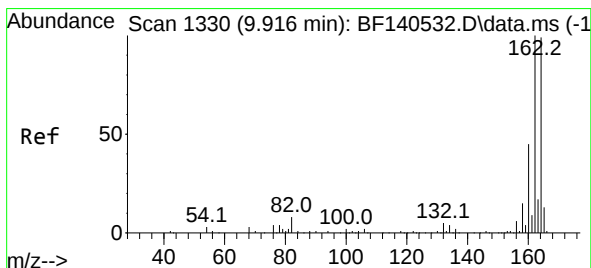
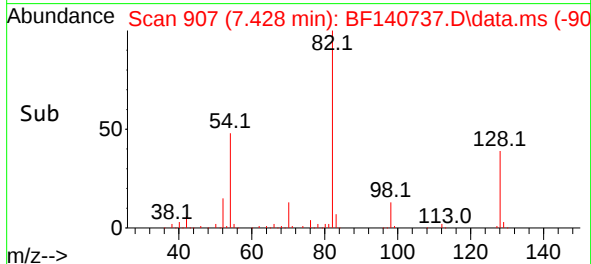
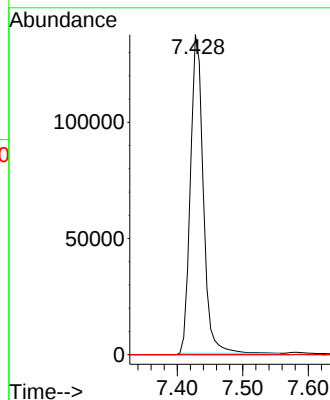
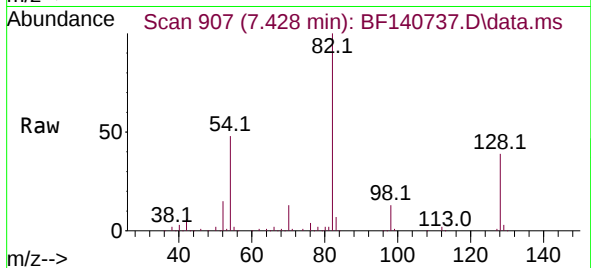




#25
Isophorone
Concen: 21.554 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140737.D
Acq: 04 Dec 2024 19:57

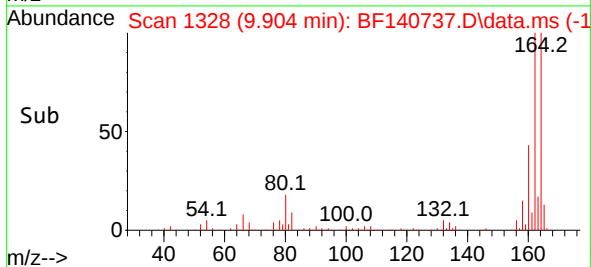
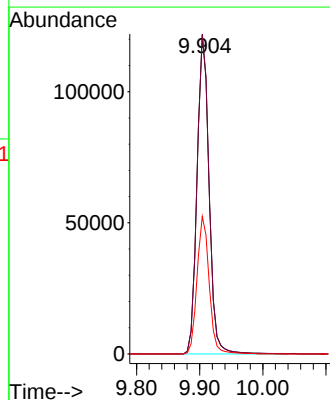
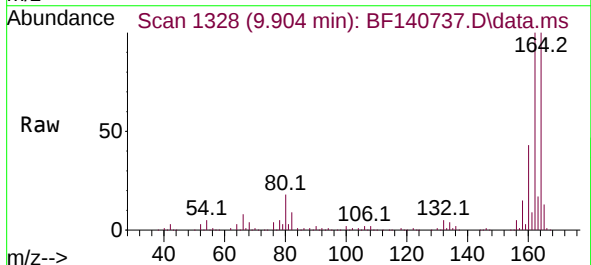
Instrument :
BNA_F
ClientSampleId :
A3988-SLUDGE

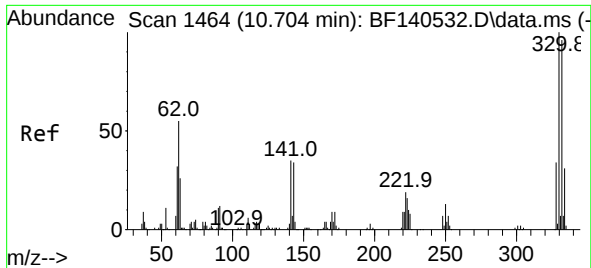
Tgt Ion: 82 Resp: 186293
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140737.D
Acq: 04 Dec 2024 19:57

Tgt Ion:164 Resp: 160579
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 43.2 36.2 54.4

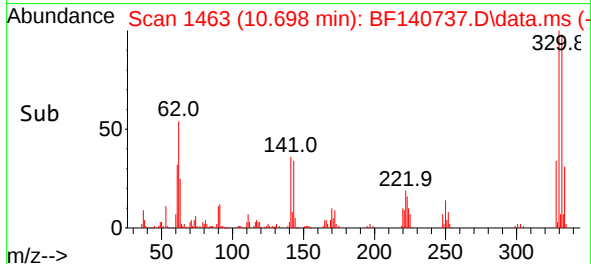
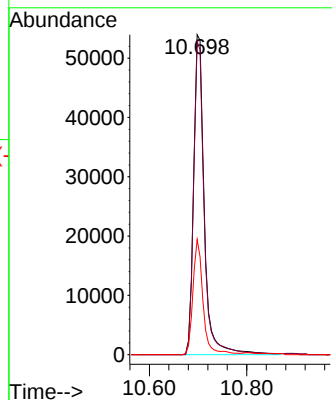
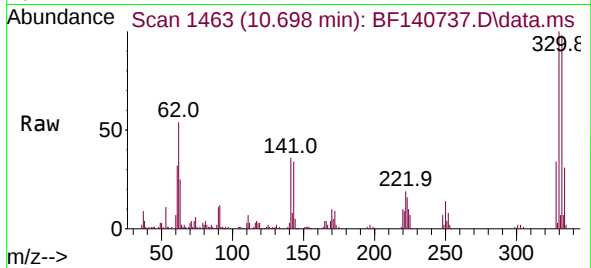




#42
2,4,6-Tribromophenol
Concen: 48.348 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140737.D
Acq: 04 Dec 2024 19:57

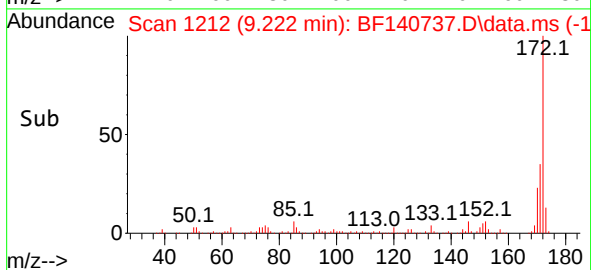
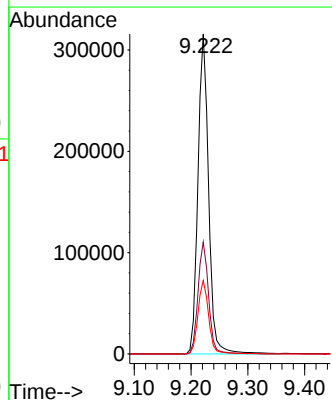
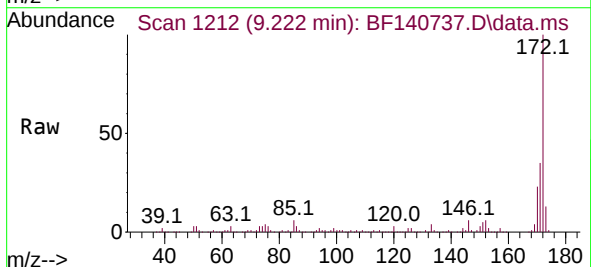
Instrument :
BNA_F
ClientSampleId :
A3988-SLUDGE

Tgt Ion:330 Resp: 83033
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 33.8 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 38.460 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140737.D
Acq: 04 Dec 2024 19:57

Tgt Ion:172 Resp: 414500
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.0 19.0 28.6

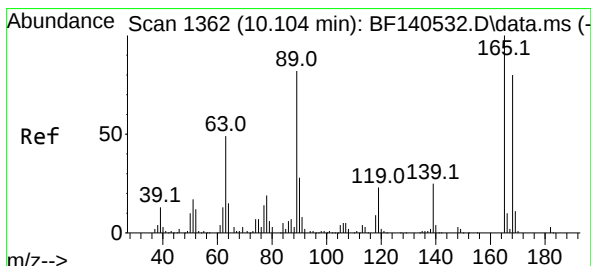
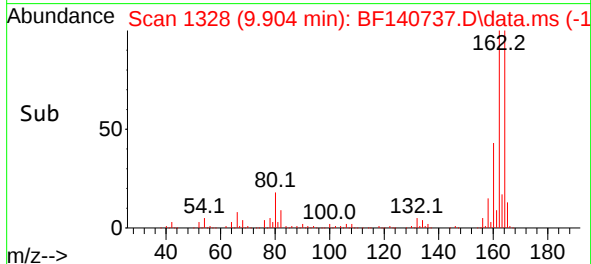
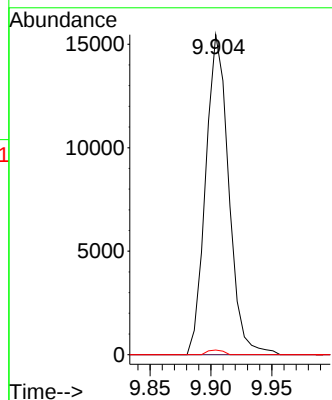
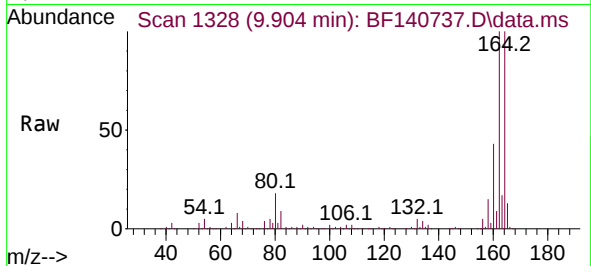




#51
2,6-Dinitrotoluene
Concen: 8.521 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140737.D
Acq: 04 Dec 2024 19:57

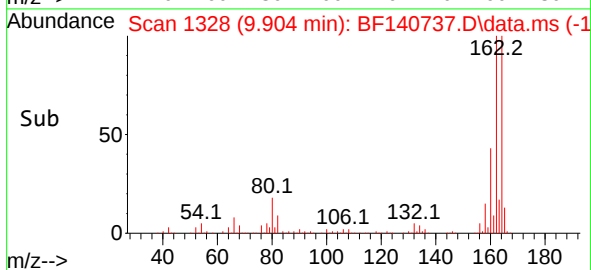
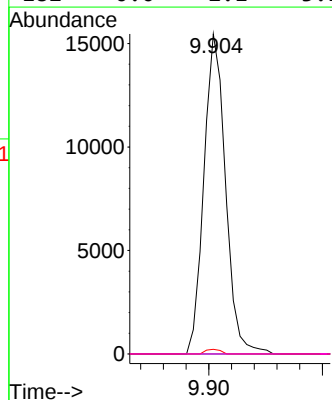
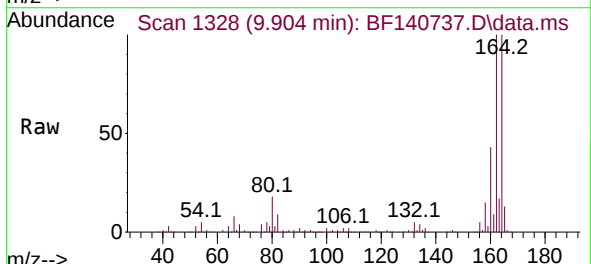
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ClientSampleId :
A3988-SLUDGE

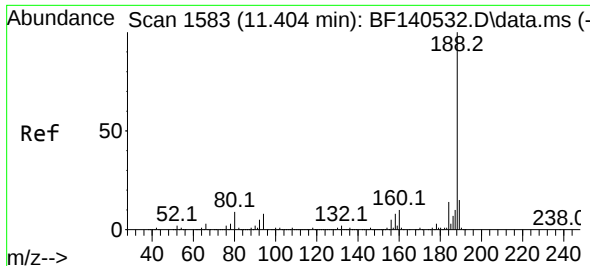
Tgt Ion:165 Resp: 20438
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 1.4 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.412 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140737.D
Acq: 04 Dec 2024 19:57

Tgt Ion:165 Resp: 20439
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 1.4 65.8 98.8#
182 0.0 2.1 3.1#

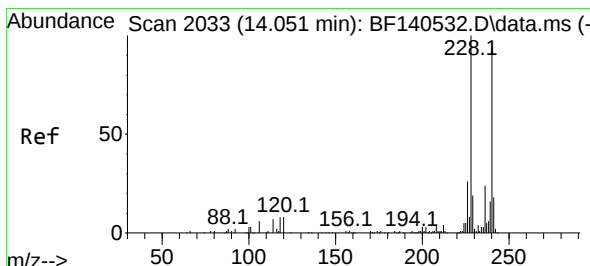
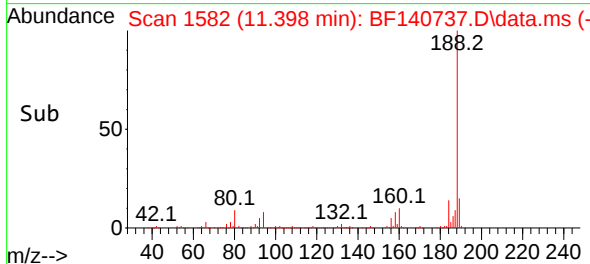
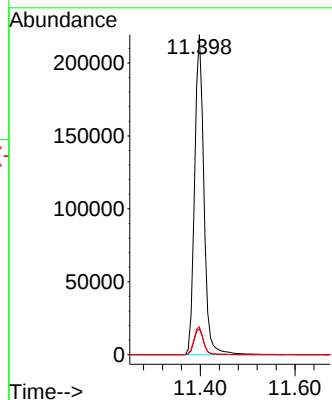
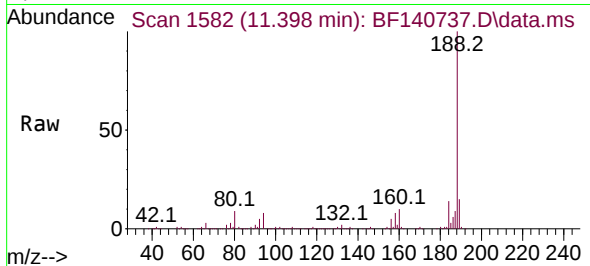




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140737.D
Acq: 04 Dec 2024 19:57

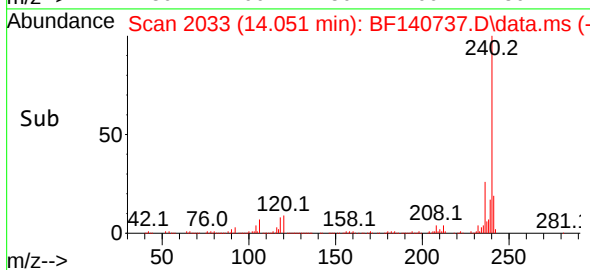
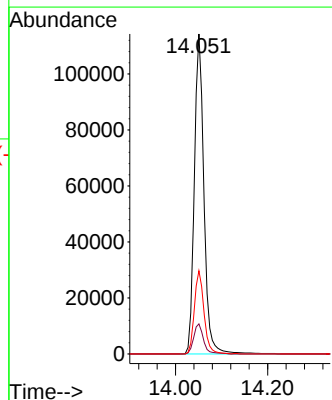
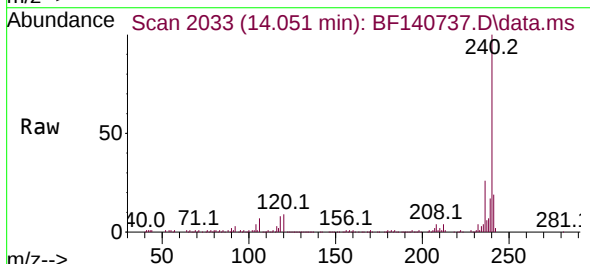
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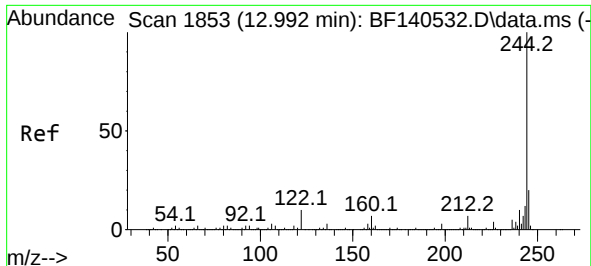
Tgt Ion:188 Resp: 297971
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.7 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140737.D
Acq: 04 Dec 2024 19:57

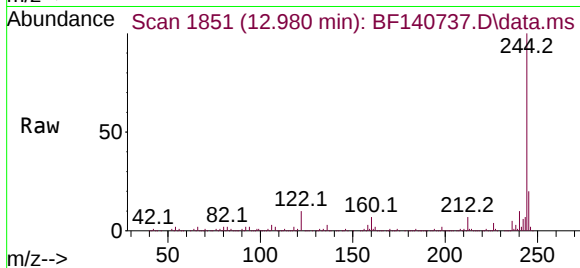
Tgt Ion:240 Resp: 164657
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 26.0 20.6 31.0



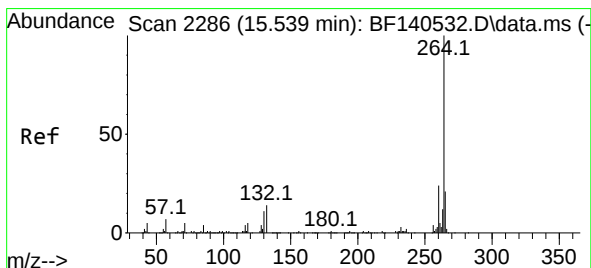
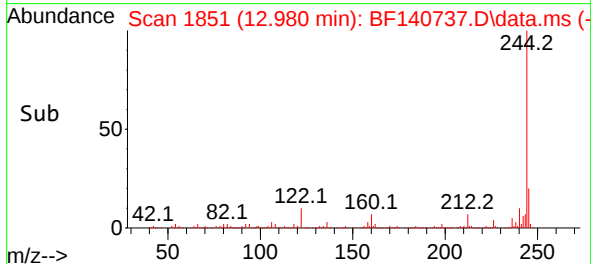
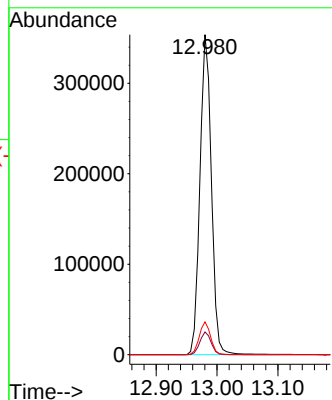


#79
 Terphenyl-d14
 Concen: 43.755 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140737.D
 Acq: 04 Dec 2024 19:57

Instrument :
 BNA_F
 ClientSampleId :
 A3988-SLUDGE



Tgt Ion:244 Resp: 462683
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.3 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2288
 Delta R.T. 0.012 min
 Lab File: BF140737.D
 Acq: 04 Dec 2024 19:57

Tgt Ion:264 Resp: 148972
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 22.0 16.6 25.0

