

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
 Data File : BF140734.D
 Acq On : 04 Dec 2024 18:38
 Operator : RC/JU
 Sample : P5069-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A3988-SLUDGE

Quant Time: Dec 05 00:06:22 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)

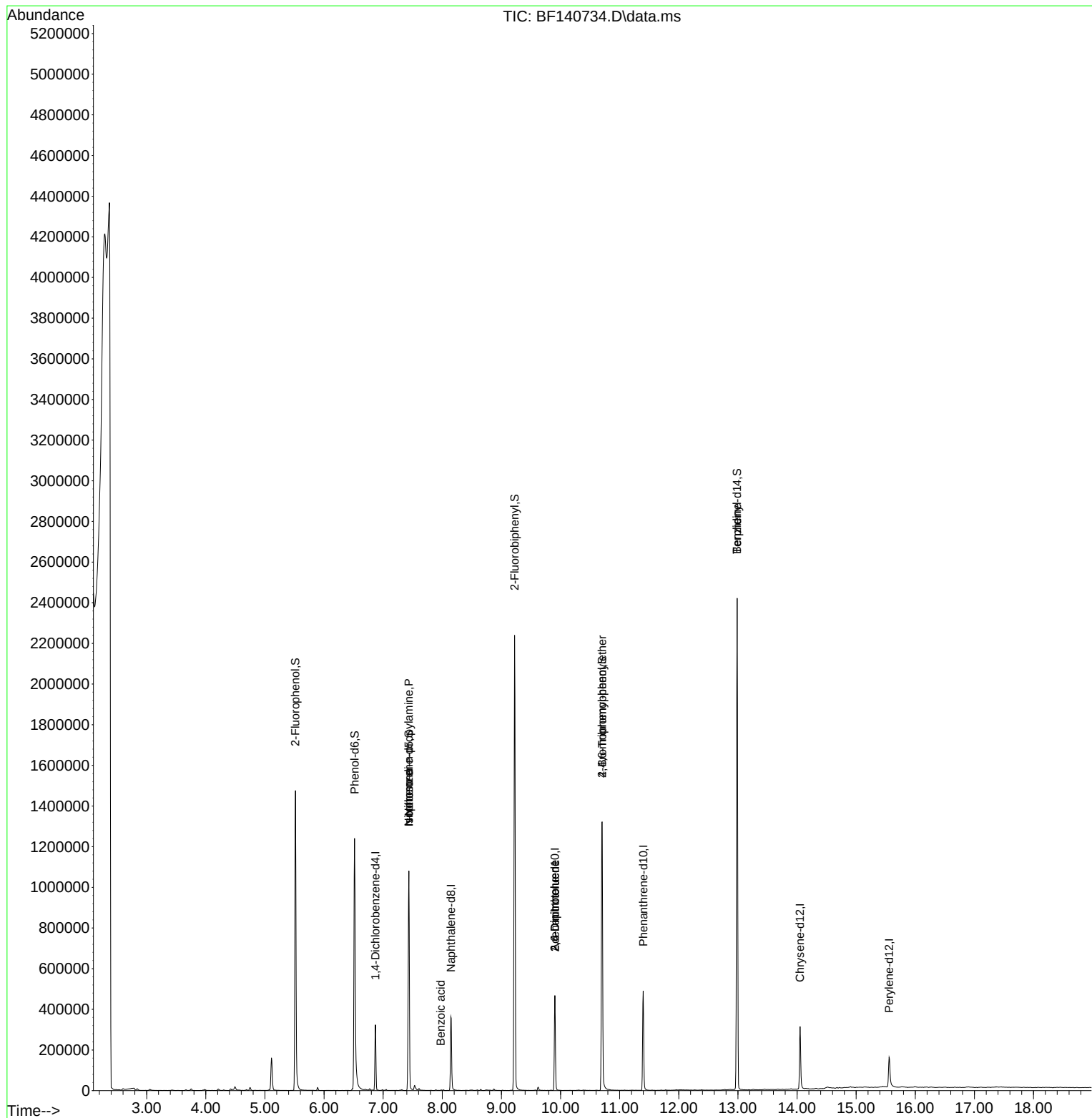
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	67026	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	252309	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	142677	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	278932	20.000	ng	0.00
76) Chrysene-d12	14.051	240	165980	20.000	ng	0.00
86) Perylene-d12	15.557	264	104564	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	576317	146.707	ng	0.02
7) Phenol-d6	6.516	99	700986	134.977	ng	0.00
23) Nitrobenzene-d5	7.434	82	524597	106.351	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	250320	164.043	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1024696	107.007	ng	-0.01
79) Terphenyl-d14	12.986	244	1221751	114.618	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	70587	22.998	ng	# 76
25) Isophorone	7.434	82	524593	63.762	ng	# 66
32) Benzoic acid	7.975	122	595	7.407	ng	# 55
51) 2,6-Dinitrotoluene	9.904	165	17121	8.034	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	17121	6.045	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	16162	5.626	ng	# 1
77) Benzidine	12.986	184	16398	3.398	ng	# 92

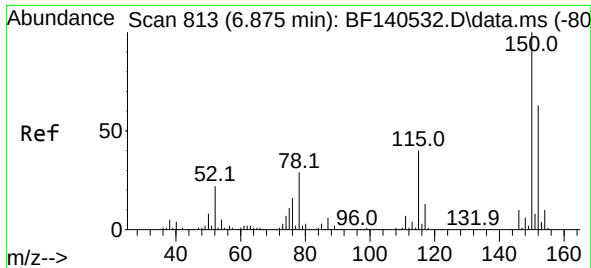
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 21 15:23:48 2024
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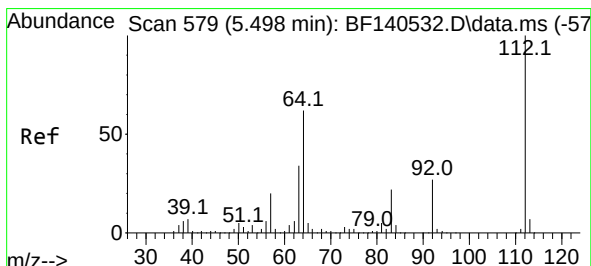
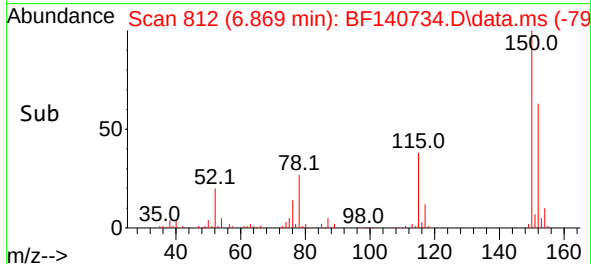
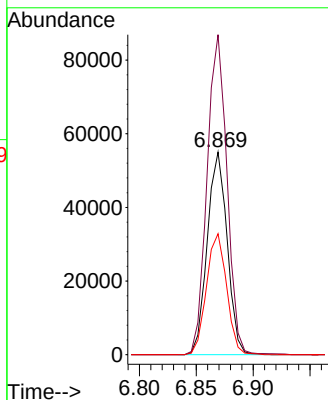
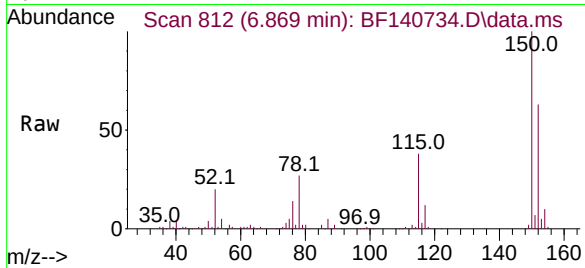




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140734.D
Acq: 04 Dec 2024 18:38

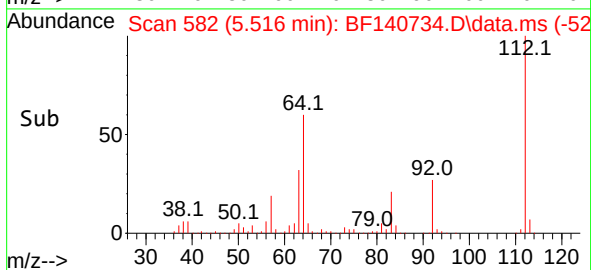
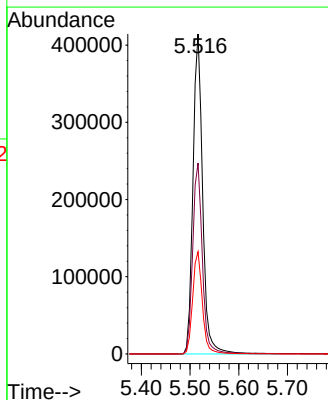
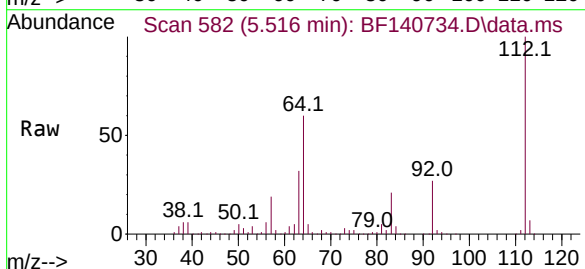
Instrument :
BNA_F
ClientSampleId :
A3988-SLUDGE

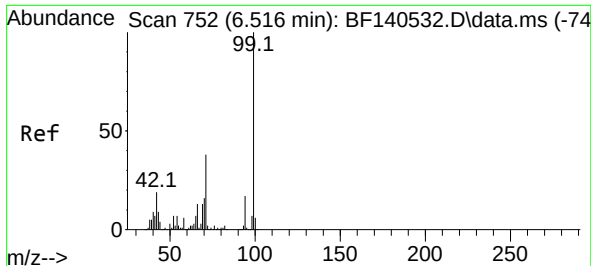
Tgt Ion:152 Resp: 67026
Ion Ratio Lower Upper
152 100
150 158.0 128.5 192.7
115 59.8 50.2 75.4



#5
2-Fluorophenol
Concen: 146.707 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140734.D
Acq: 04 Dec 2024 18:38

Tgt Ion:112 Resp: 576317
Ion Ratio Lower Upper
112 100
64 59.7 49.2 73.8
63 31.9 27.0 40.4

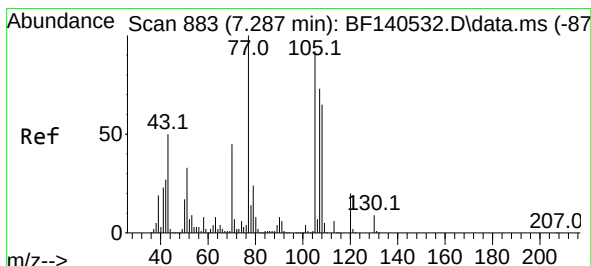
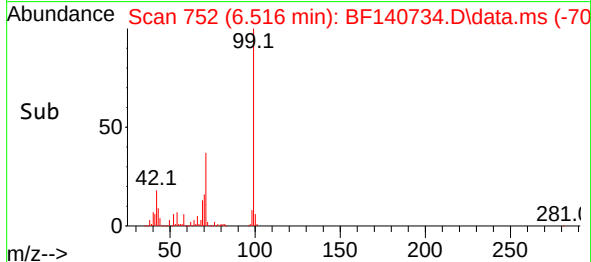
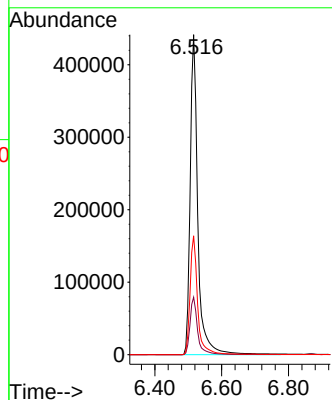
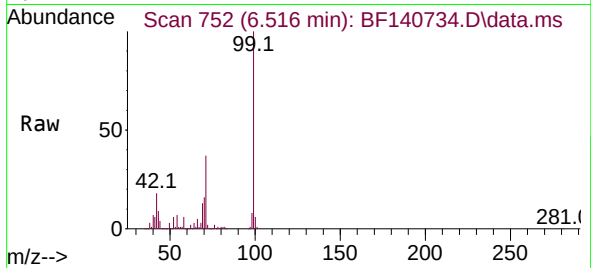




#7
Phenol-d6
Concen: 134.977 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140734.D
Acq: 04 Dec 2024 18:38

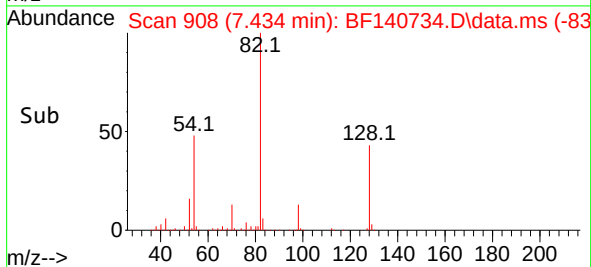
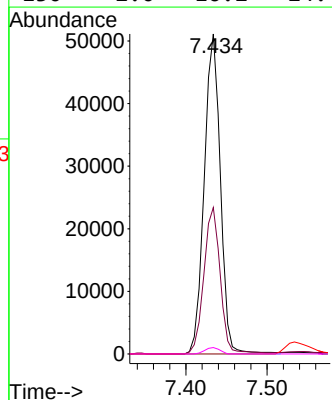
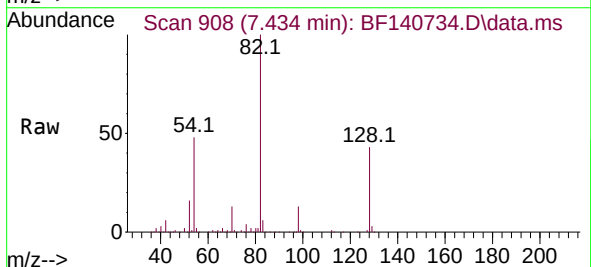
Instrument :
BNA_F
ClientSampleId :
A3988-SLUDGE

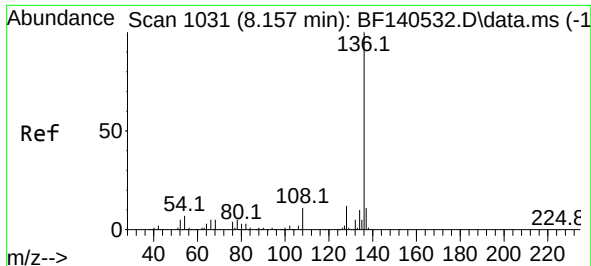
Tgt Ion: 99 Resp: 700986
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 37.1 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 22.998 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140734.D
Acq: 04 Dec 2024 18:38

Tgt Ion: 70 Resp: 70587
Ion Ratio Lower Upper
70 100
42 45.8 47.6 71.4#
101 0.0 7.6 11.4#
130 2.0 16.2 24.4#



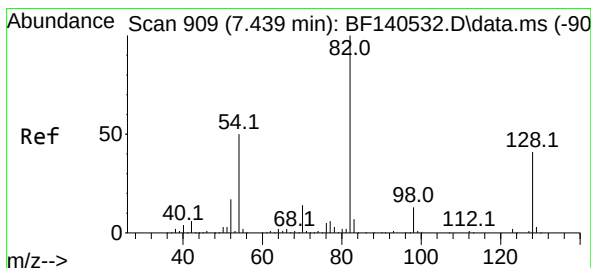
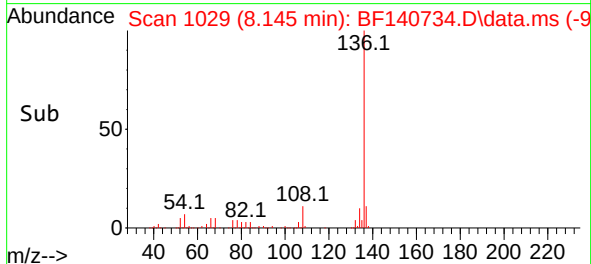
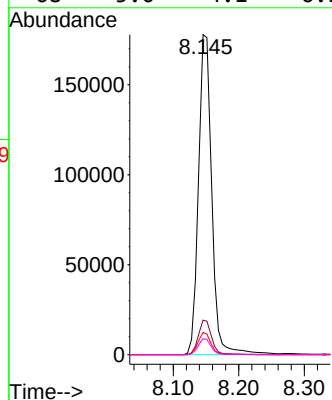
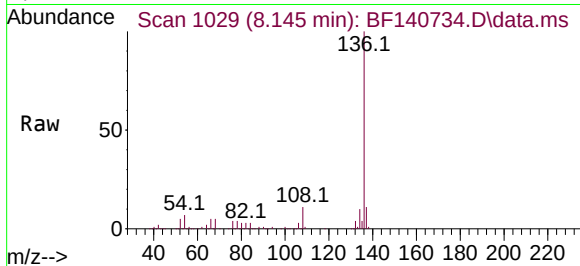


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140734.D
Acq: 04 Dec 2024 18:38

Instrument :
BNA_F
ClientSampleId :
A3988-SLUDGE

Tgt Ion:136 Resp: 252309

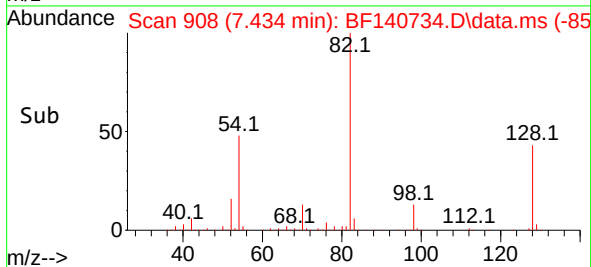
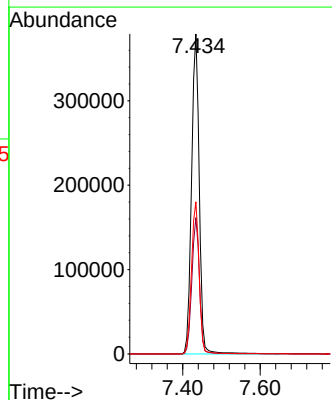
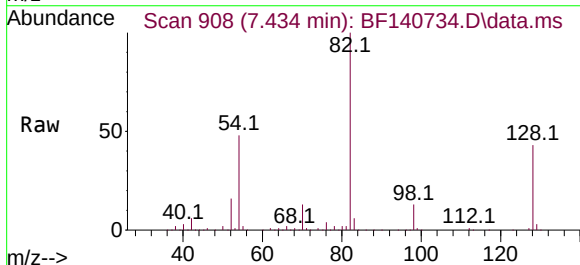
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.9	5.8	8.8
68	5.0	4.1	6.1

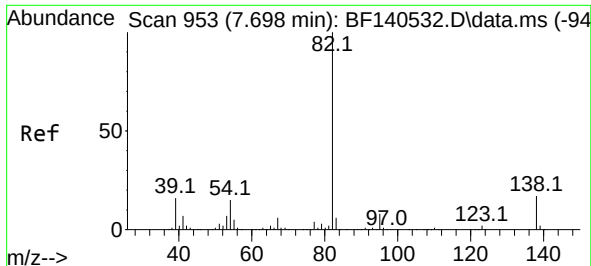


#23
Nitrobenzene-d5
Concen: 106.351 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140734.D
Acq: 04 Dec 2024 18:38

Tgt Ion: 82 Resp: 524597

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.0	49.4
54	47.6	39.5	59.3

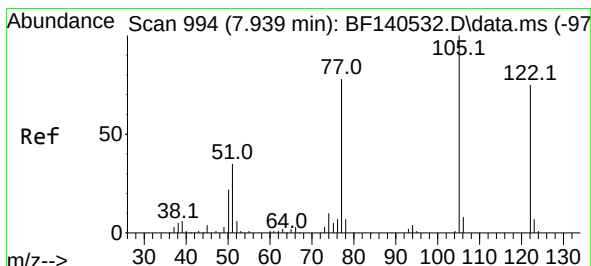
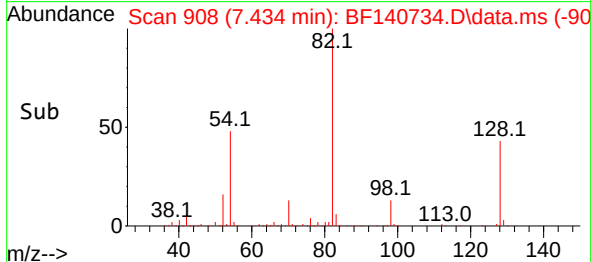
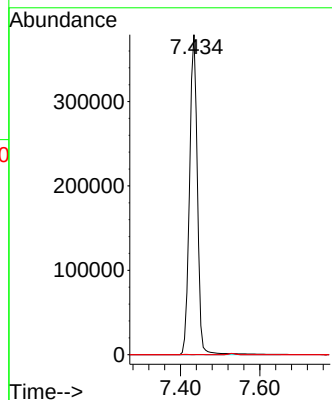
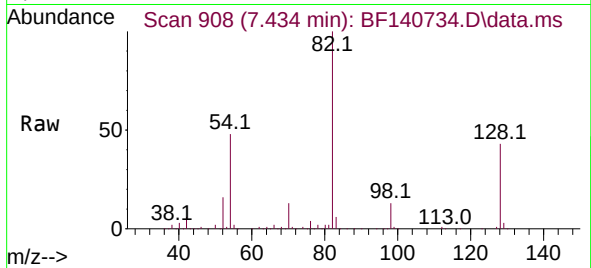




#25
Isophorone
Concen: 63.762 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140734.D
Acq: 04 Dec 2024 18:38

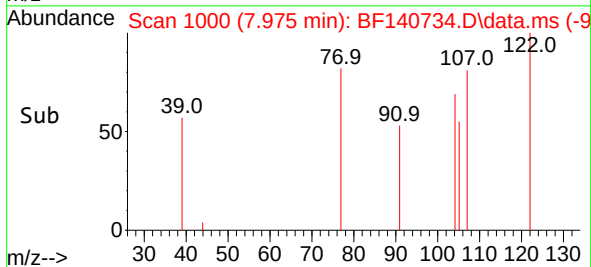
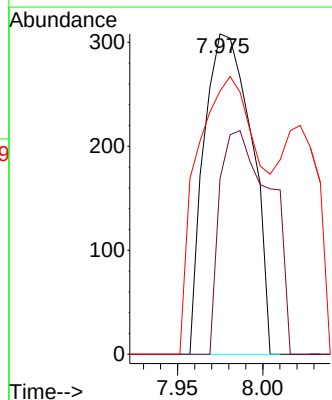
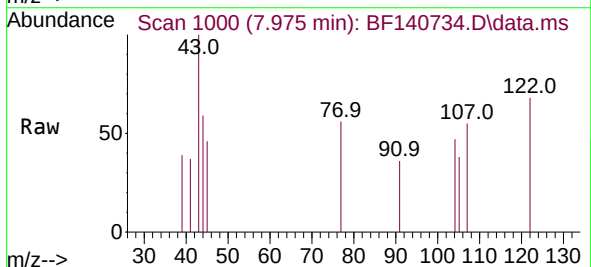
Instrument :
BNA_F
ClientSampleId :
A3988-SLUDGE

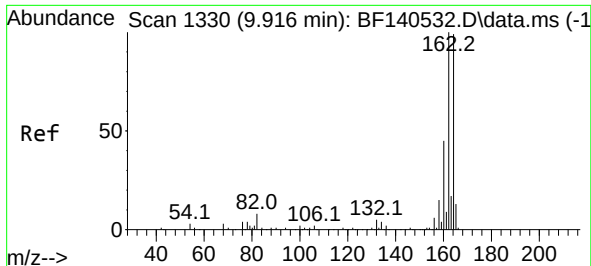
Tgt Ion: 82 Resp: 524593
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.407 ng
RT: 7.975 min Scan# 1000
Delta R.T. 0.036 min
Lab File: BF140734.D
Acq: 04 Dec 2024 18:38

Tgt Ion:122 Resp: 595
Ion Ratio Lower Upper
122 100
105 54.9 109.3 149.3#
77 82.1 82.3 122.3#

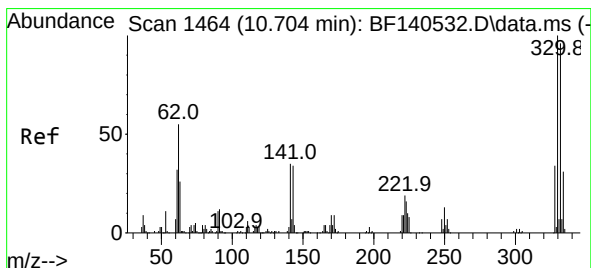
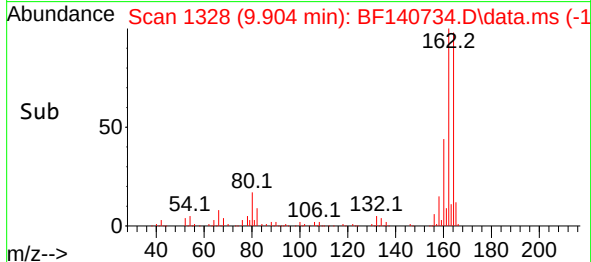
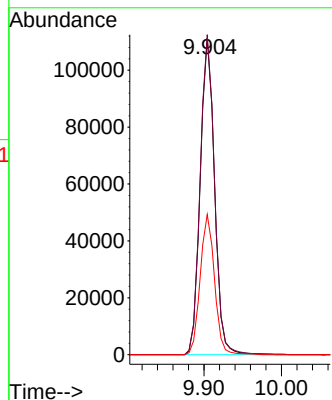
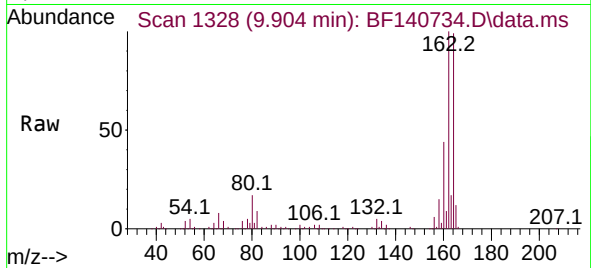




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140734.D
Acq: 04 Dec 2024 18:38

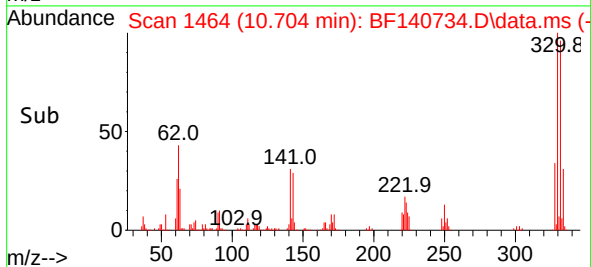
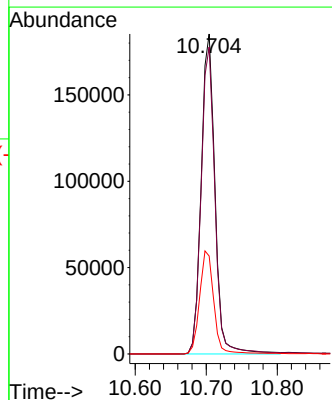
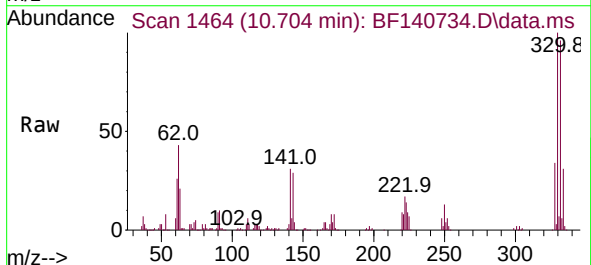
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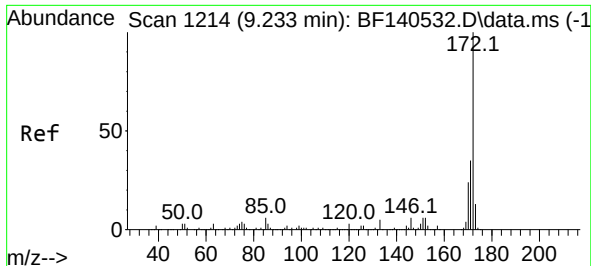
Tgt Ion:164 Resp: 142677
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 44.2 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 164.043 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140734.D
Acq: 04 Dec 2024 18:38

Tgt Ion:330 Resp: 250320
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 33.4 26.7 40.1

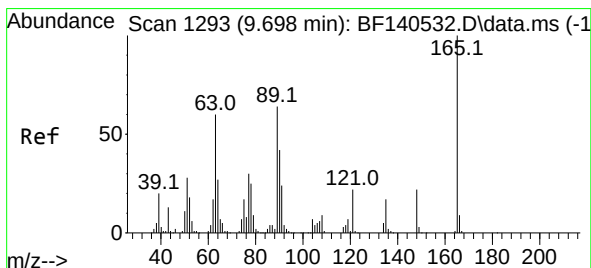
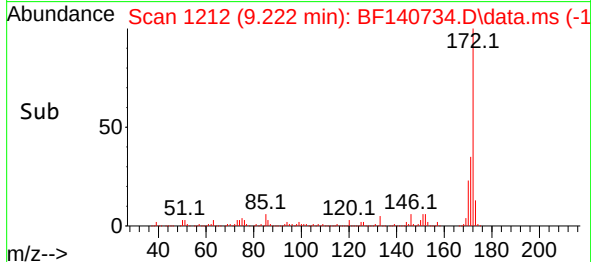
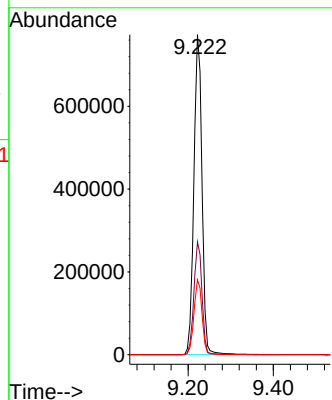
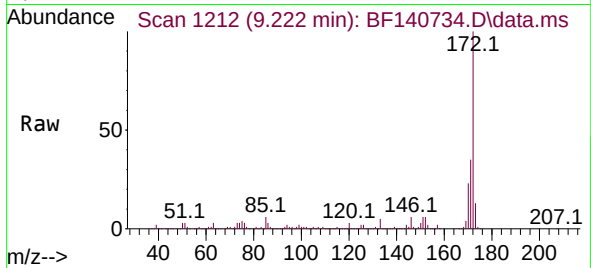




#45
2-Fluorobiphenyl
Concen: 107.007 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140734.D
Acq: 04 Dec 2024 18:38

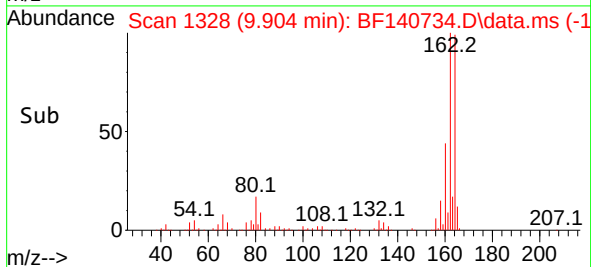
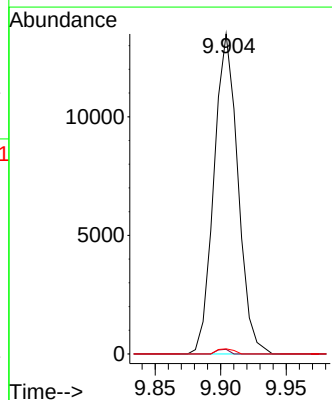
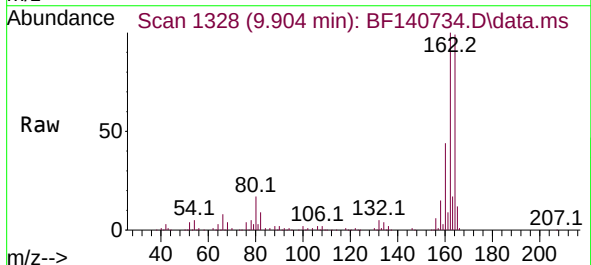
Instrument :
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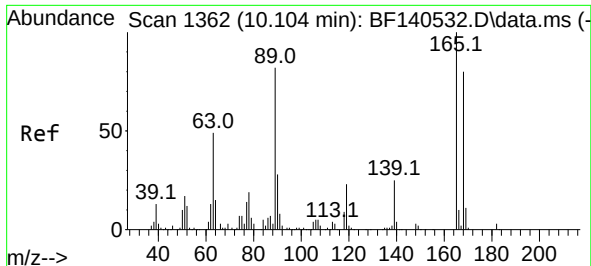
Tgt Ion:172 Resp: 1024696
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.4 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.034 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF140734.D
Acq: 04 Dec 2024 18:38

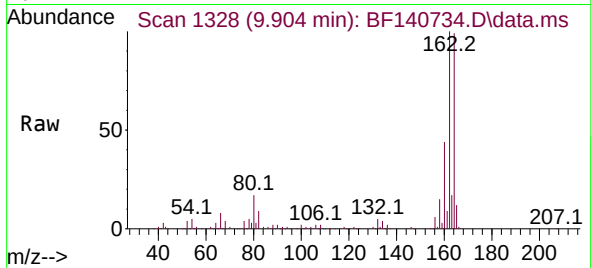
Tgt Ion:165 Resp: 17121
Ion Ratio Lower Upper
165 100
63 1.4 49.9 74.9#
89 1.6 50.9 76.3#



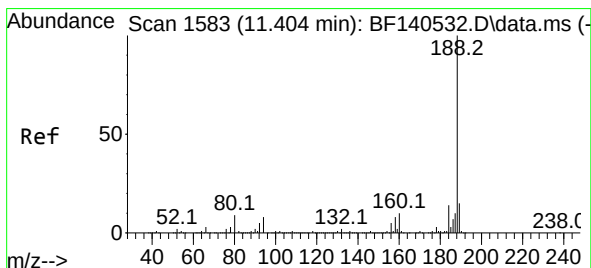
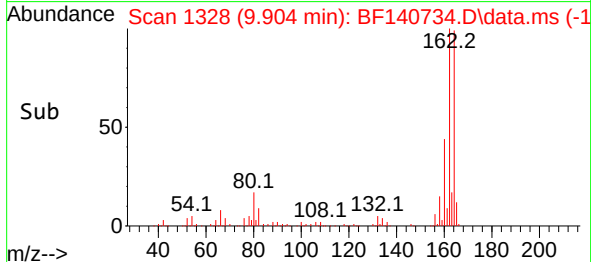
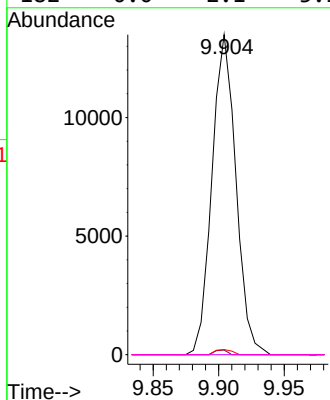


#57
2,4-Dinitrotoluene
Concen: 6.045 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140734.D
Acq: 04 Dec 2024 18:38

Instrument :
BNA_F
ClientSampleId :
A3988-SLUDGE

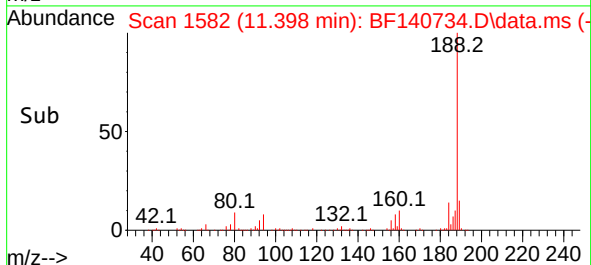
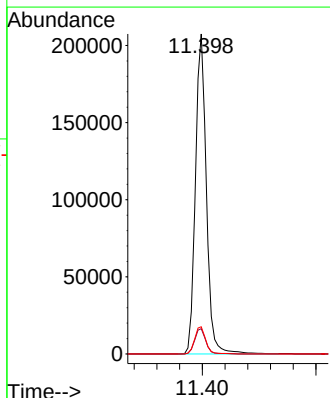
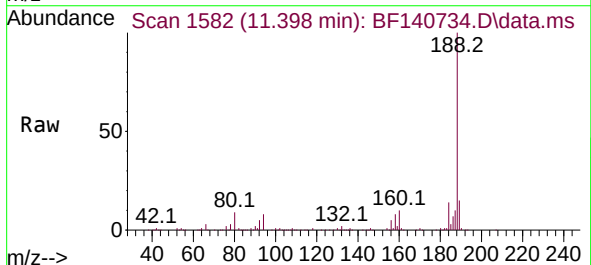


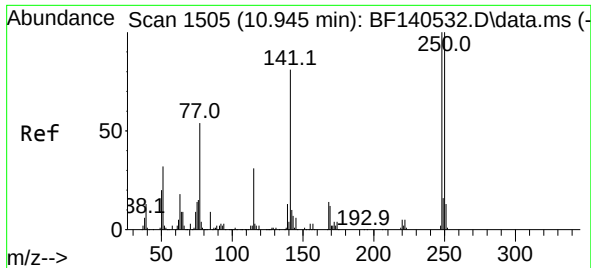
Tgt Ion:165 Resp: 17121
Ion Ratio Lower Upper
165 100
63 1.4 41.7 62.5#
89 1.6 65.8 98.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140734.D
Acq: 04 Dec 2024 18:38

Tgt Ion:188 Resp: 278932
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 8.5 6.9 10.3

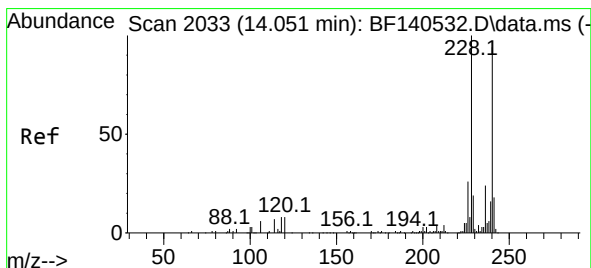
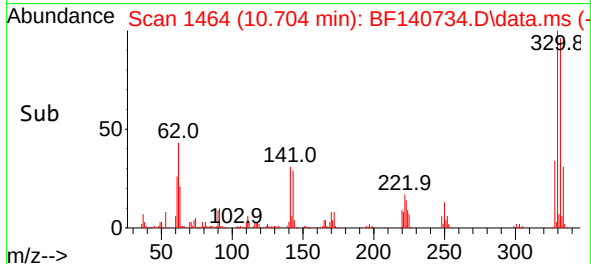
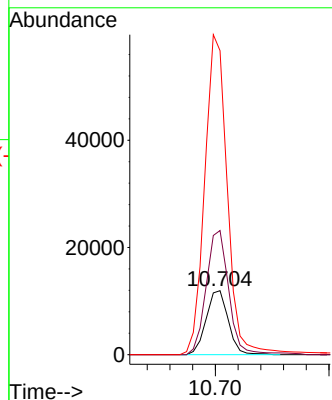
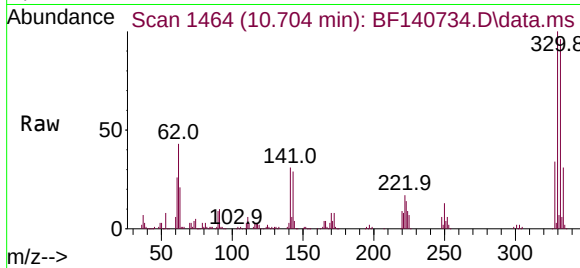




#67
4-Bromophenyl-phenylether
Concen: 5.626 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF140734.D
Acq: 04 Dec 2024 18:38

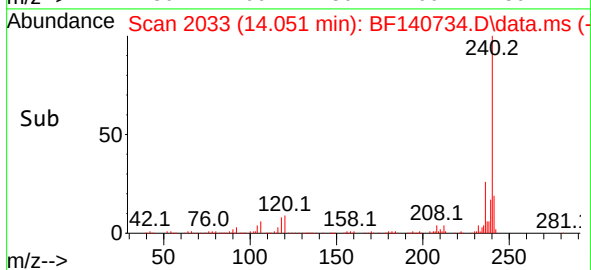
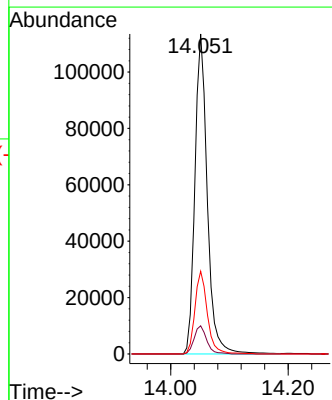
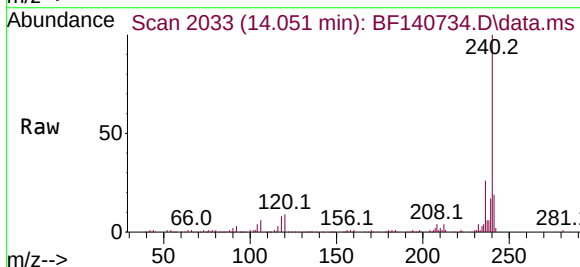
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BNA_F
ClientSampleId :
A3988-SLUDGE

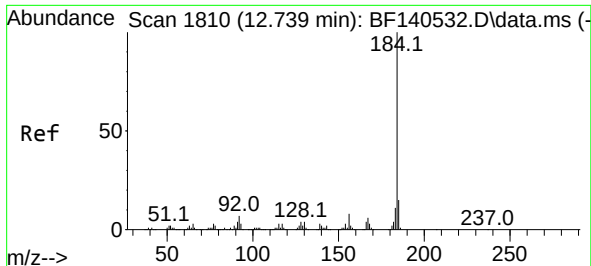
Tgt Ion:248 Resp: 16162
Ion Ratio Lower Upper
248 100
250 194.1 79.8 119.8#
141 475.2 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140734.D
Acq: 04 Dec 2024 18:38

Tgt Ion:240 Resp: 165980
Ion Ratio Lower Upper
240 100
120 8.8 7.3 10.9
236 25.9 20.6 31.0

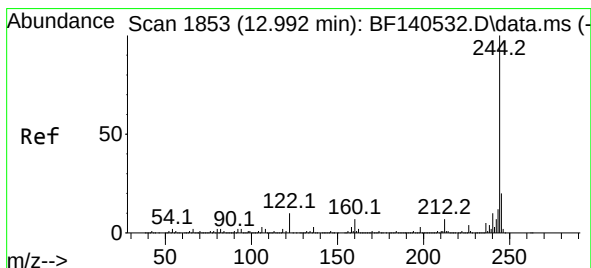
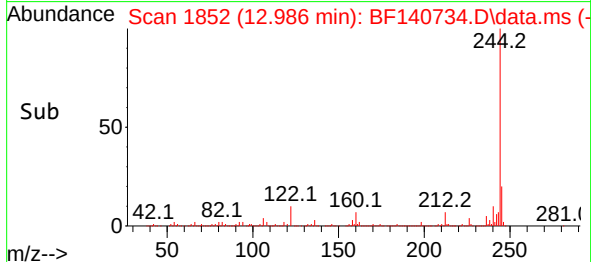
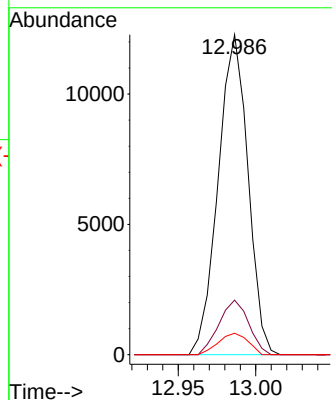
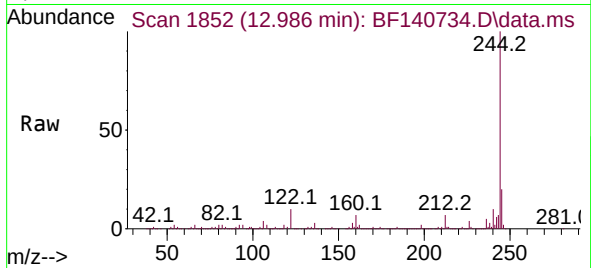




#77
Benzidine
Concen: 3.398 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF140734.D
Acq: 04 Dec 2024 18:38

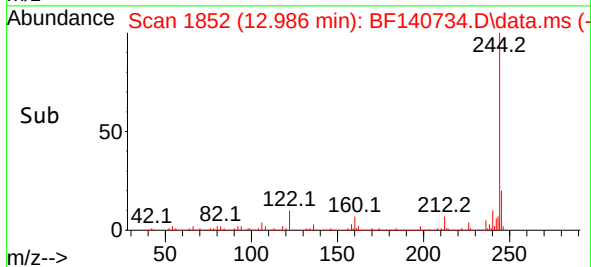
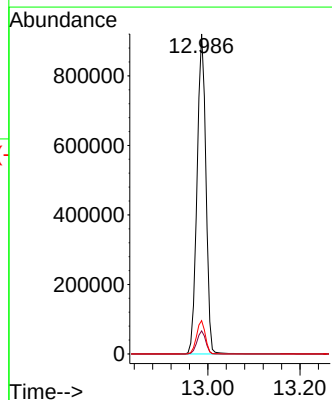
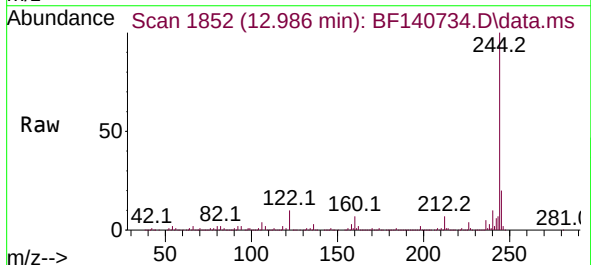
Instrument :
BNA_F
ClientSampleId :
A3988-SLUDGE

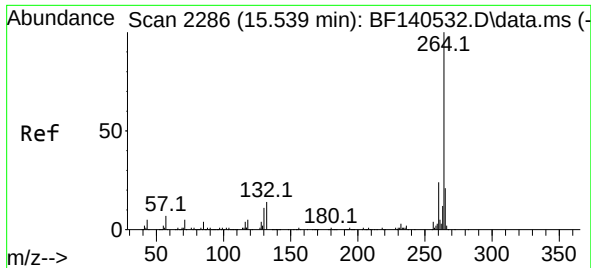
Tgt Ion:184 Resp: 16398
Ion Ratio Lower Upper
184 100
185 17.0 11.7 17.5
183 6.7 8.8 13.2#



#79
Terphenyl-d14
Concen: 114.618 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140734.D
Acq: 04 Dec 2024 18:38

Tgt Ion:244 Resp: 1221751
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.4 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF140734.D
 Acq: 04 Dec 2024 18:38

Instrument :
 BNA_F
 ClientSampleId :
 A3988-SLUDGE

Tgt Ion:264 Resp: 104564
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.6
 265 22.2 16.6 25.0

