

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140362.D
 Acq On : 14 Nov 2024 15:13
 Operator : RC/JU
 Sample : P4838-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T1-STONE

Quant Time: Nov 14 16:00:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

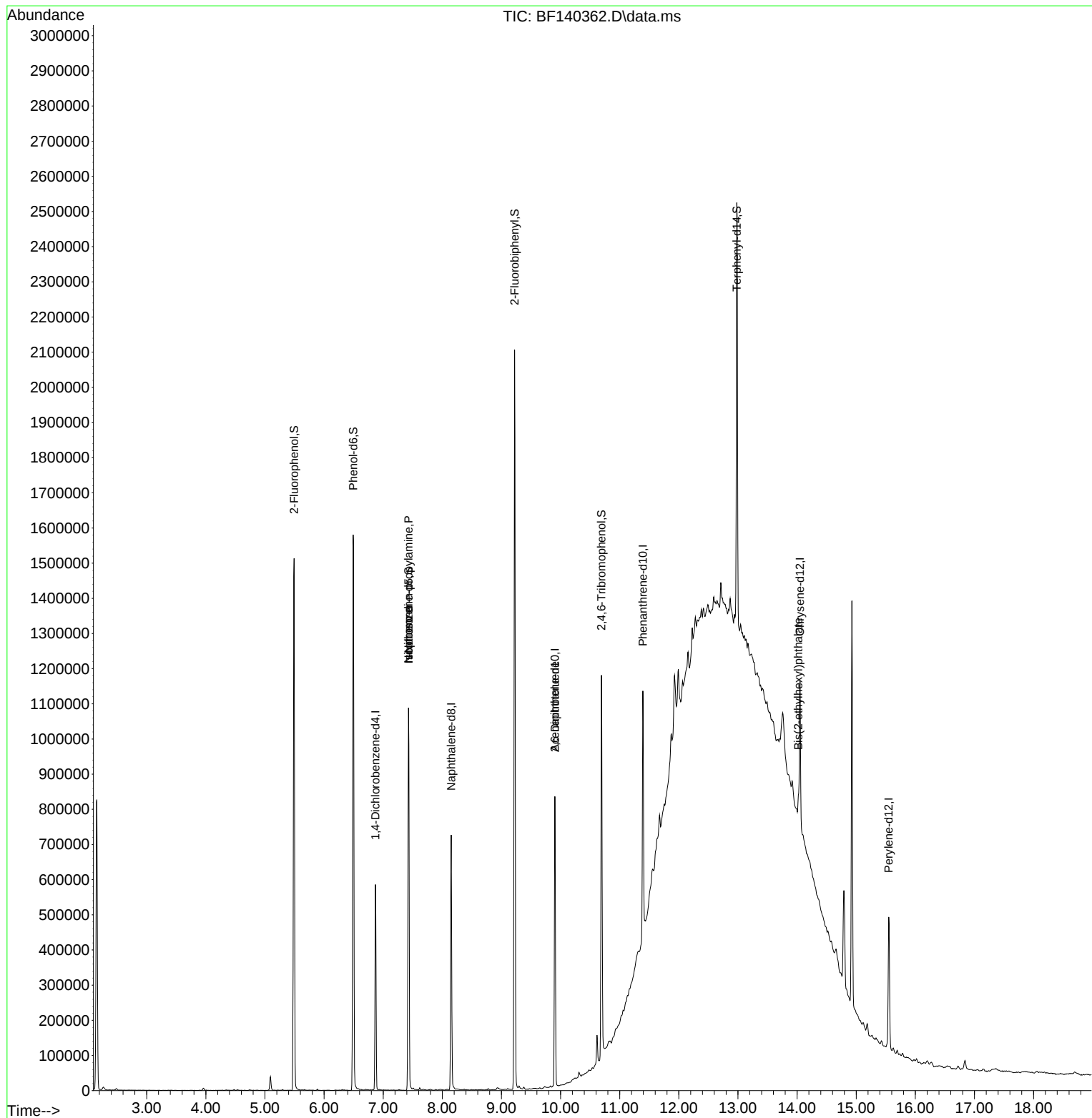
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	120818	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	456080	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	239828	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	366190	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	199739	20.000	ng	0.00
86) Perylene-d12	15.551	264	227665	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	573989	81.115	ng	0.00
7) Phenol-d6	6.492	99	768189	80.127	ng	-0.01
23) Nitrobenzene-d5	7.428	82	501660	57.310	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	185294	77.695	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	932357	62.495	ng	-0.01
79) Terphenyl-d14	12.980	244	634209	55.115	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	66380	11.464	ng	# 78
25) Isophorone	7.428	82	495889	31.964	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	31518	8.844	ng	# 22
84) Bis(2-ethylhexyl)phtha...	14.021	149	30630	3.496	ng	# 96

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

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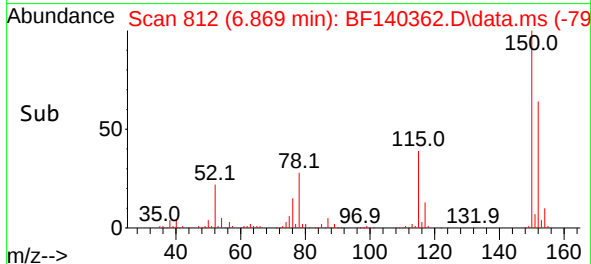
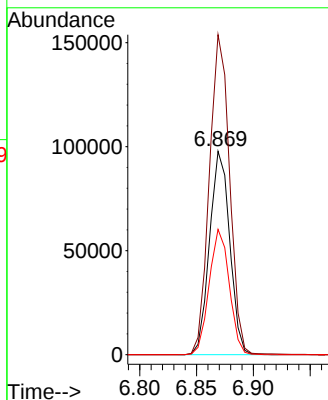
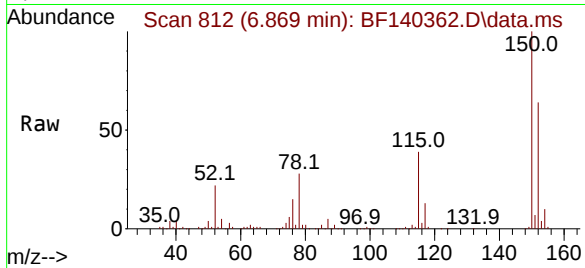




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140362.D
Acq: 14 Nov 2024 15:13

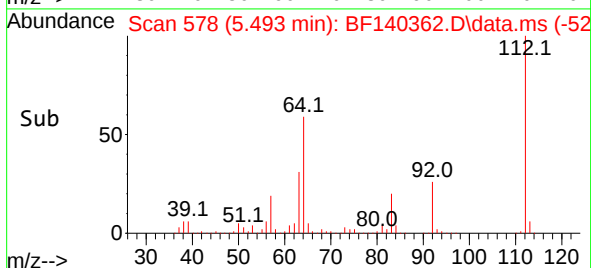
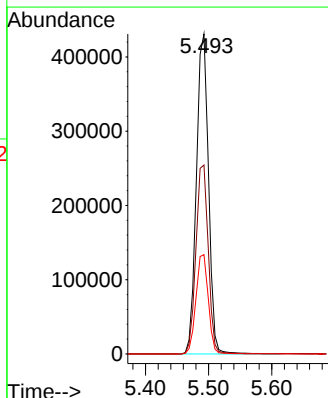
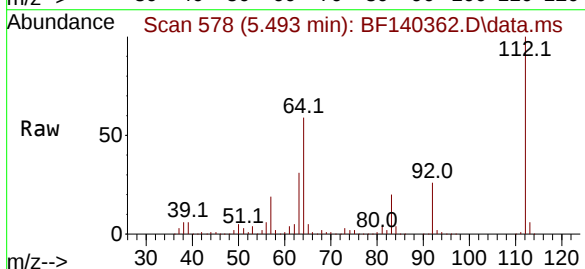
Instrument :
BNA_F
ClientSampleId :
T1-STONE

Tgt Ion:152 Resp: 120818
Ion Ratio Lower Upper
152 100
150 157.3 127.4 191.0
115 61.6 47.4 71.2



#5
2-Fluorophenol
Concen: 81.115 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF140362.D
Acq: 14 Nov 2024 15:13

Tgt Ion:112 Resp: 573989
Ion Ratio Lower Upper
112 100
64 59.1 49.2 73.8
63 31.1 25.6 38.4

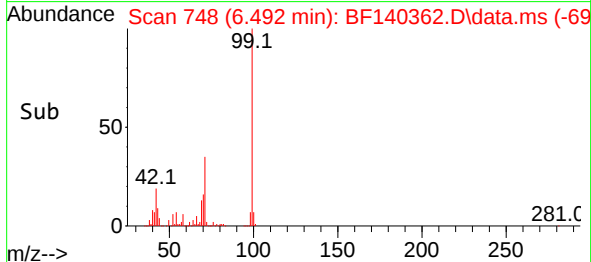
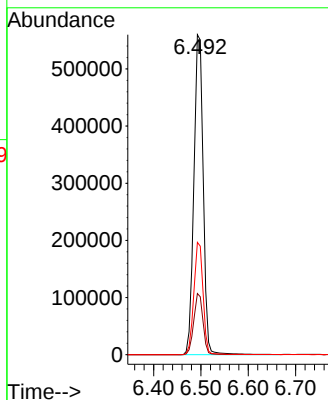
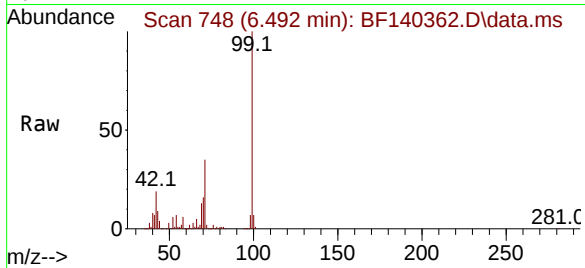




#7
Phenol-d6
Concen: 80.127 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF140362.D
Acq: 14 Nov 2024 15:13

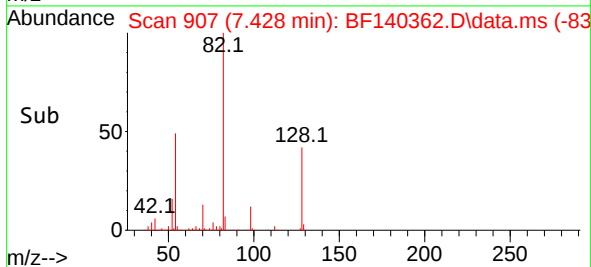
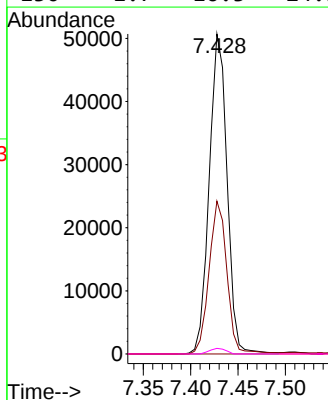
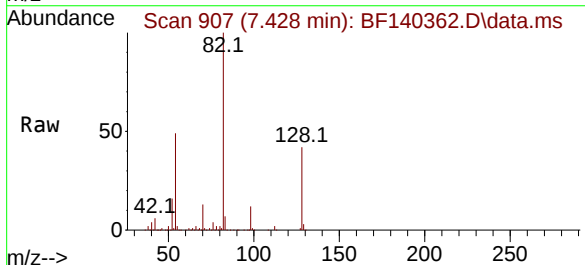
Instrument :
BNA_F
ClientSampleId :
T1-STONE

Tgt Ion: 99 Resp: 768189
Ion Ratio Lower Upper
99 100
42 19.1 15.1 22.7
71 35.1 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.464 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF140362.D
Acq: 14 Nov 2024 15:13

Tgt Ion: 70 Resp: 66380
Ion Ratio Lower Upper
70 100
42 47.7 46.8 70.2
101 0.0 7.5 11.3#
130 1.7 16.3 24.5#

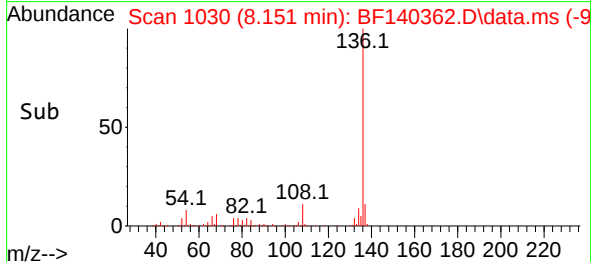
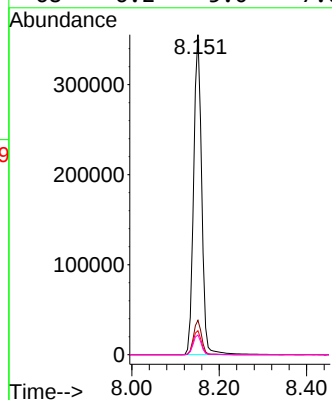
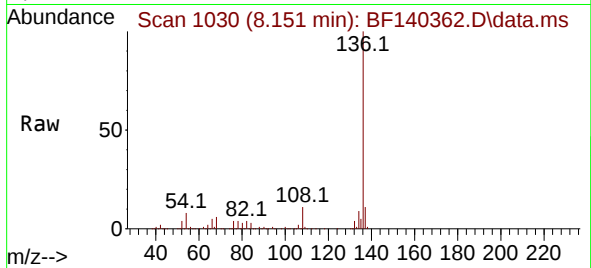




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140362.D
Acq: 14 Nov 2024 15:13

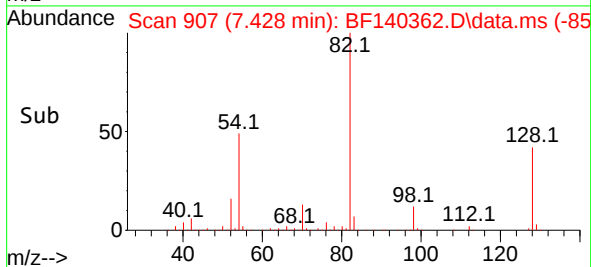
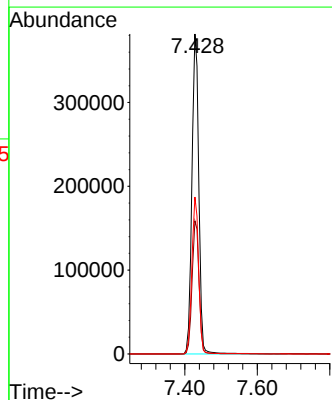
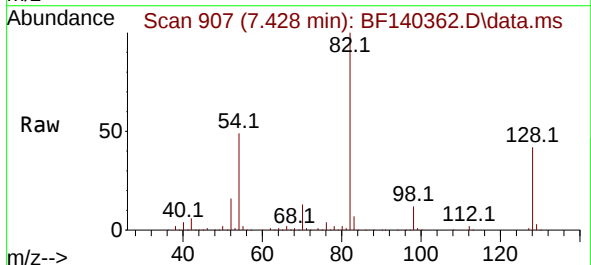
Instrument :
BNA_F
ClientSampleId :
T1-STONE

Tgt Ion:136 Resp: 456080
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.5 6.5 9.7
68 6.2 5.0 7.6



#23
Nitrobenzene-d5
Concen: 57.310 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140362.D
Acq: 14 Nov 2024 15:13

Tgt Ion: 82 Resp: 501660
Ion Ratio Lower Upper
82 100
128 41.6 33.3 49.9
54 49.1 39.8 59.8

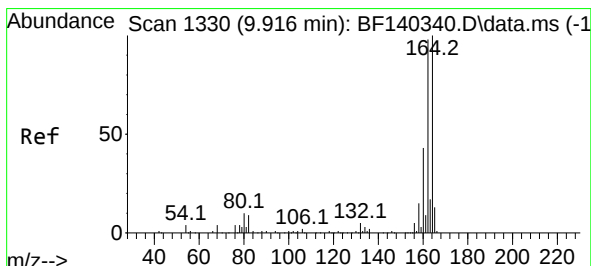
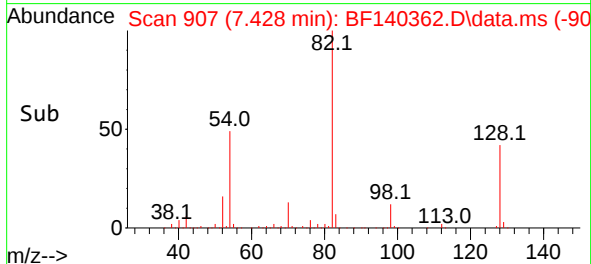
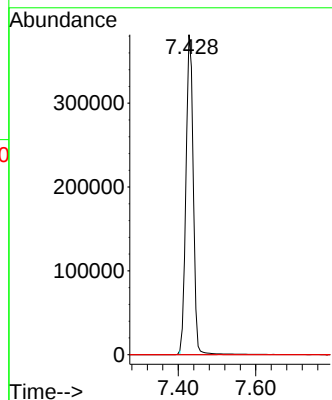
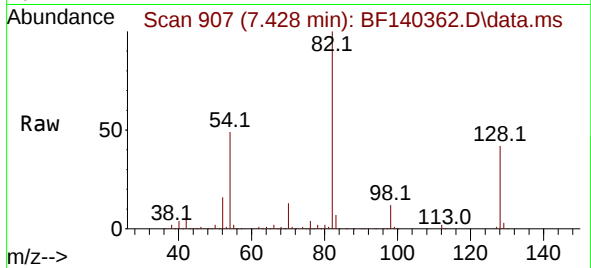




#25
Isophorone
Concen: 31.964 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140362.D
Acq: 14 Nov 2024 15:13

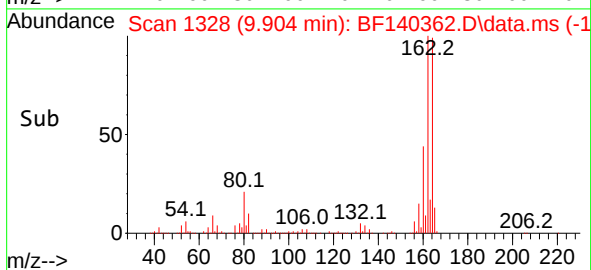
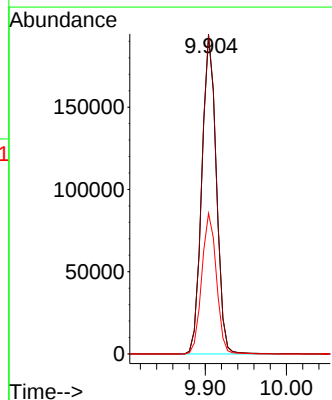
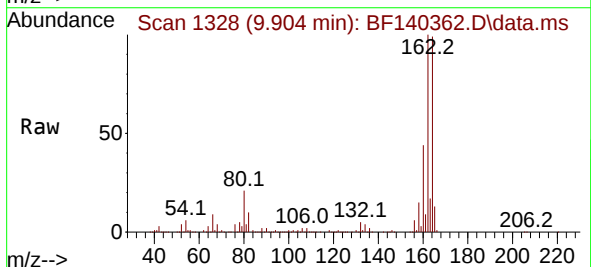
Instrument :
BNA_F
ClientSampleId :
T1-STONE

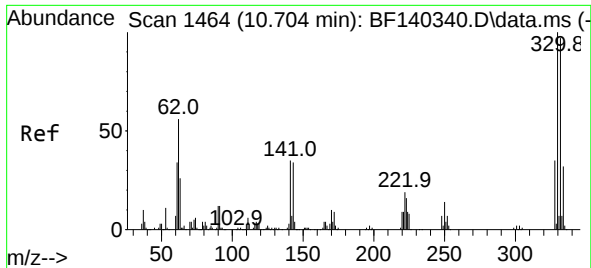
Tgt Ion: 82 Resp: 495889
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140362.D
Acq: 14 Nov 2024 15:13

Tgt Ion:164 Resp: 239828
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.8
160 44.2 35.4 53.0

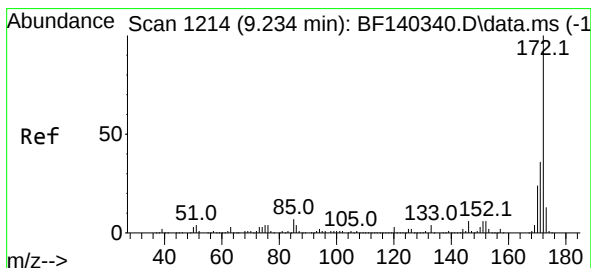
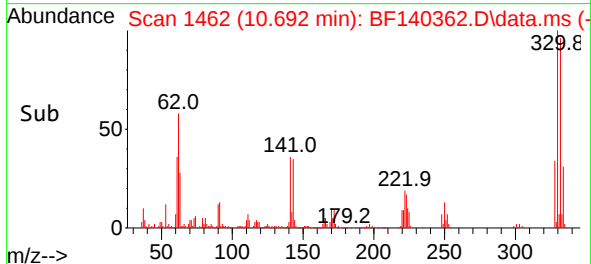
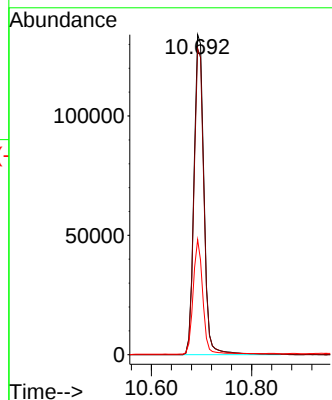
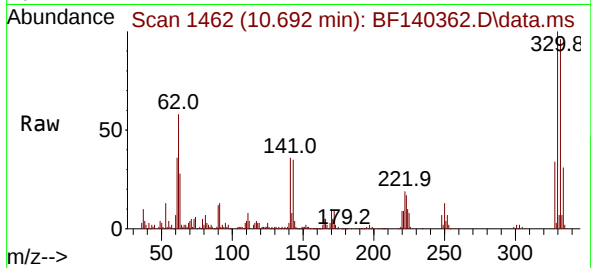




#42
2,4,6-Tribromophenol
Concen: 77.695 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF140362.D
Acq: 14 Nov 2024 15:13

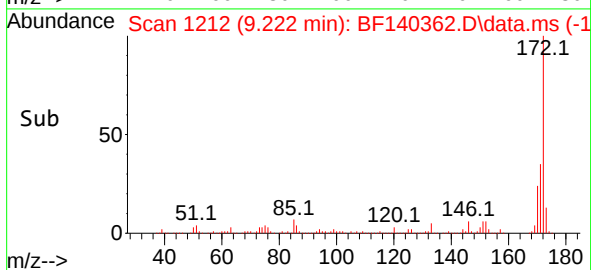
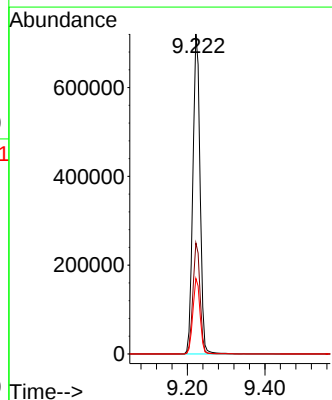
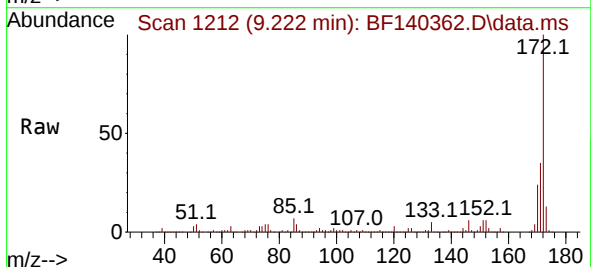
Instrument :
BNA_F
ClientSampleId :
T1-STONE

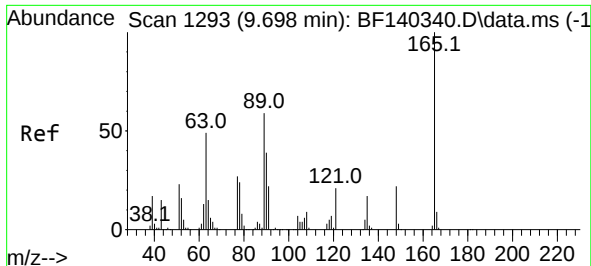
Tgt Ion:330 Resp: 185294
Ion Ratio Lower Upper
330 100
332 95.4 75.9 113.9
141 34.8 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 62.495 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140362.D
Acq: 14 Nov 2024 15:13

Tgt Ion:172 Resp: 932357
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 23.6 19.1 28.7

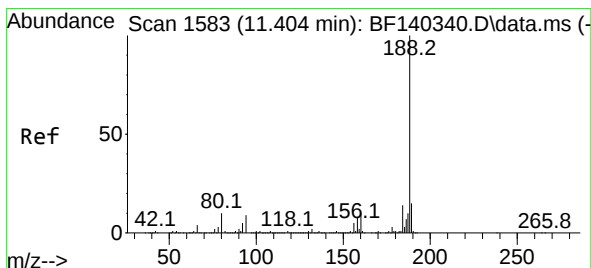
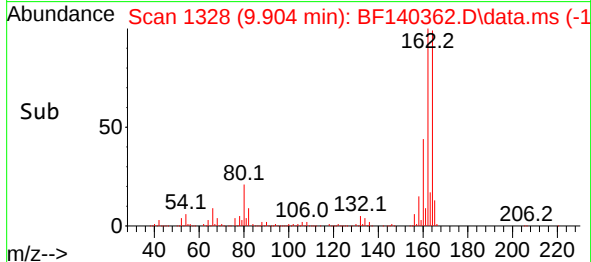
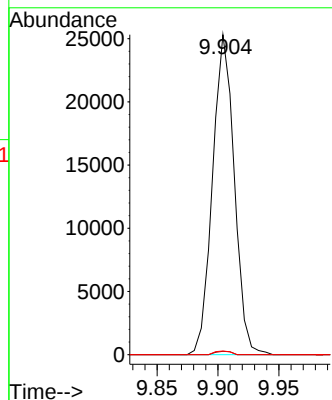
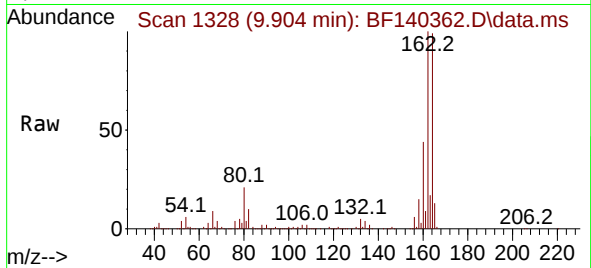




#51
2,6-Dinitrotoluene
Concen: 8.844 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140362.D
Acq: 14 Nov 2024 15:13

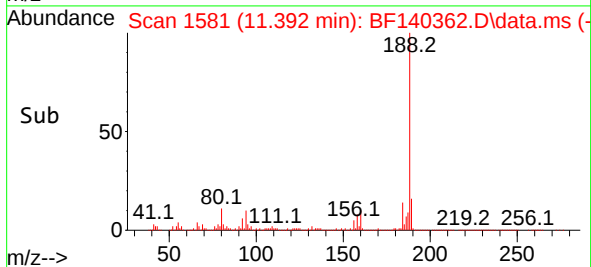
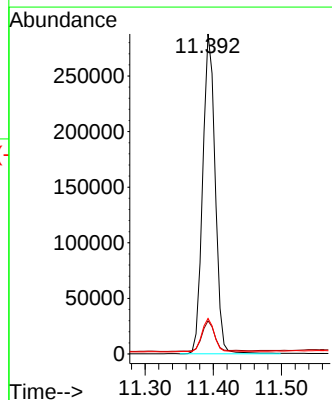
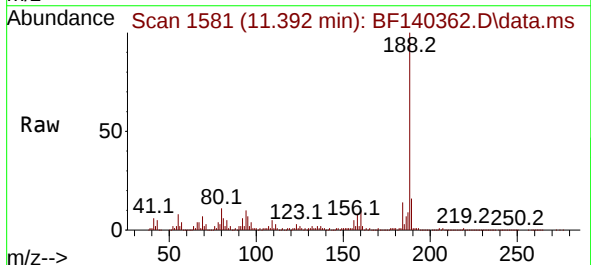
Instrument :
BNA_F
ClientSampleId :
T1-STONE

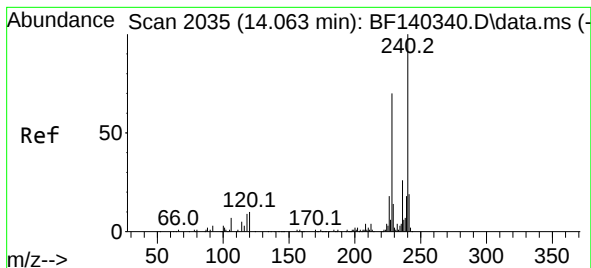
Tgt Ion:165 Resp: 31518
Ion Ratio Lower Upper
165 100
63 1.1 47.6 71.4#
89 1.2 48.1 72.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF140362.D
Acq: 14 Nov 2024 15:13

Tgt Ion:188 Resp: 366190
Ion Ratio Lower Upper
188 100
94 10.3 7.6 11.4
80 11.1 8.0 12.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF140362.D

Acq: 14 Nov 2024 15:13

Instrument :

BNA_F

ClientSampleId :

T1-STONE

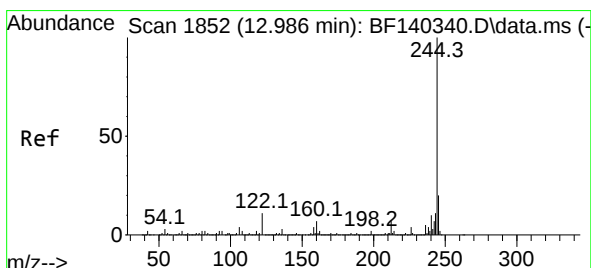
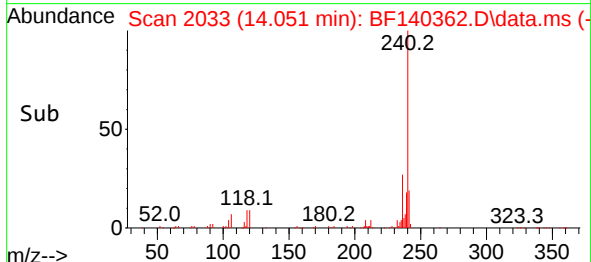
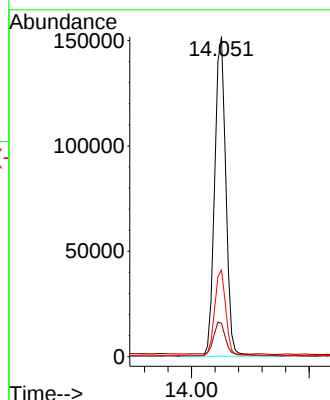
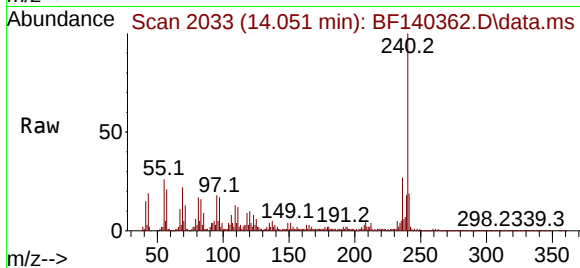
Tgt Ion:240 Resp: 199739

Ion Ratio Lower Upper

240 100

120 10.4 8.8 13.2

236 27.1 20.9 31.3



#79

Terphenyl-d14

Concen: 55.115 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF140362.D

Acq: 14 Nov 2024 15:13

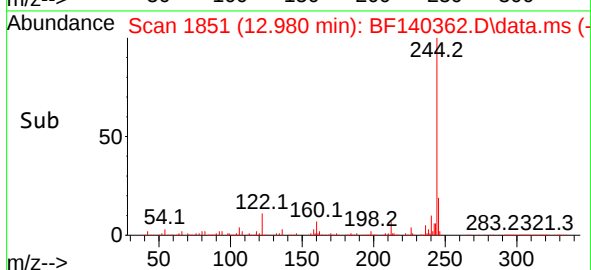
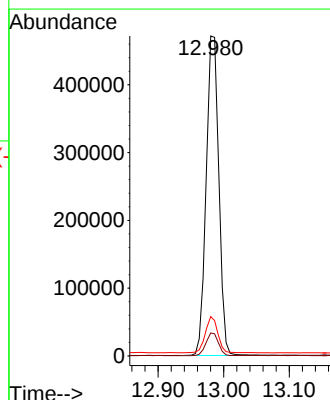
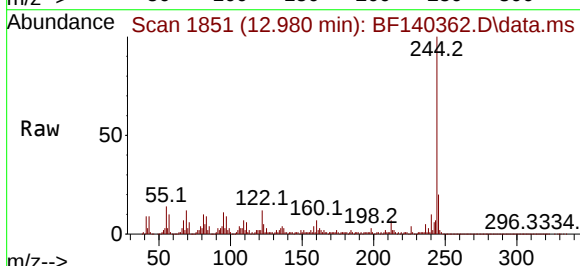
Tgt Ion:244 Resp: 634209

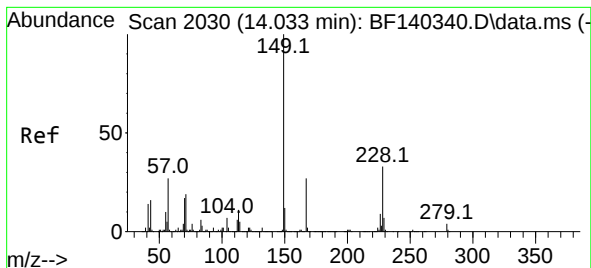
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 12.3 8.8 13.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.496 ng

RT: 14.021 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF140362.D

Acq: 14 Nov 2024 15:13

Instrument :

BNA_F

ClientSampleId :

T1-STONE

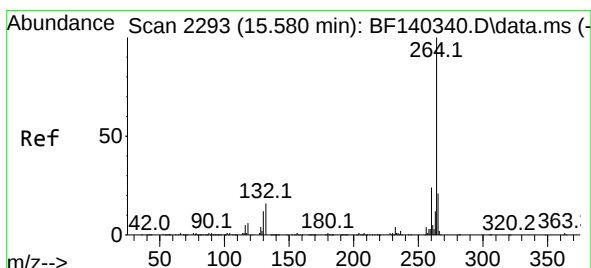
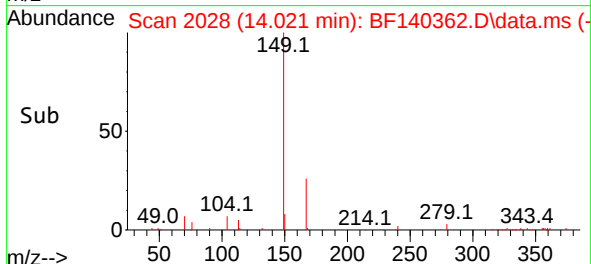
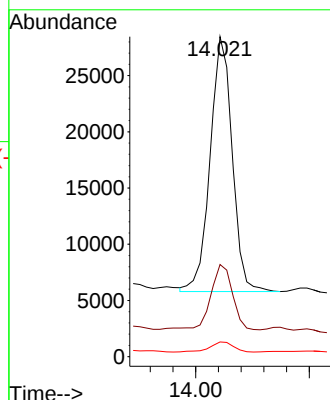
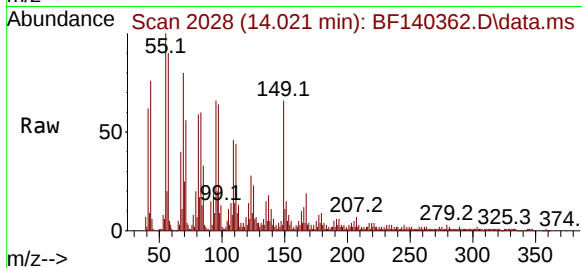
Tgt Ion:149 Resp: 30630

Ion Ratio Lower Upper

149 100

167 28.8 21.4 32.0

279 4.6 3.0 4.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2288

Delta R.T. -0.006 min

Lab File: BF140362.D

Acq: 14 Nov 2024 15:13

Tgt Ion:264 Resp: 227665

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.8 17.1 25.7

