

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140359.D
 Acq On : 14 Nov 2024 13:55
 Operator : RC/JU
 Sample : P4837-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3TRK-STONE

Quant Time: Nov 14 14:48:25 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)

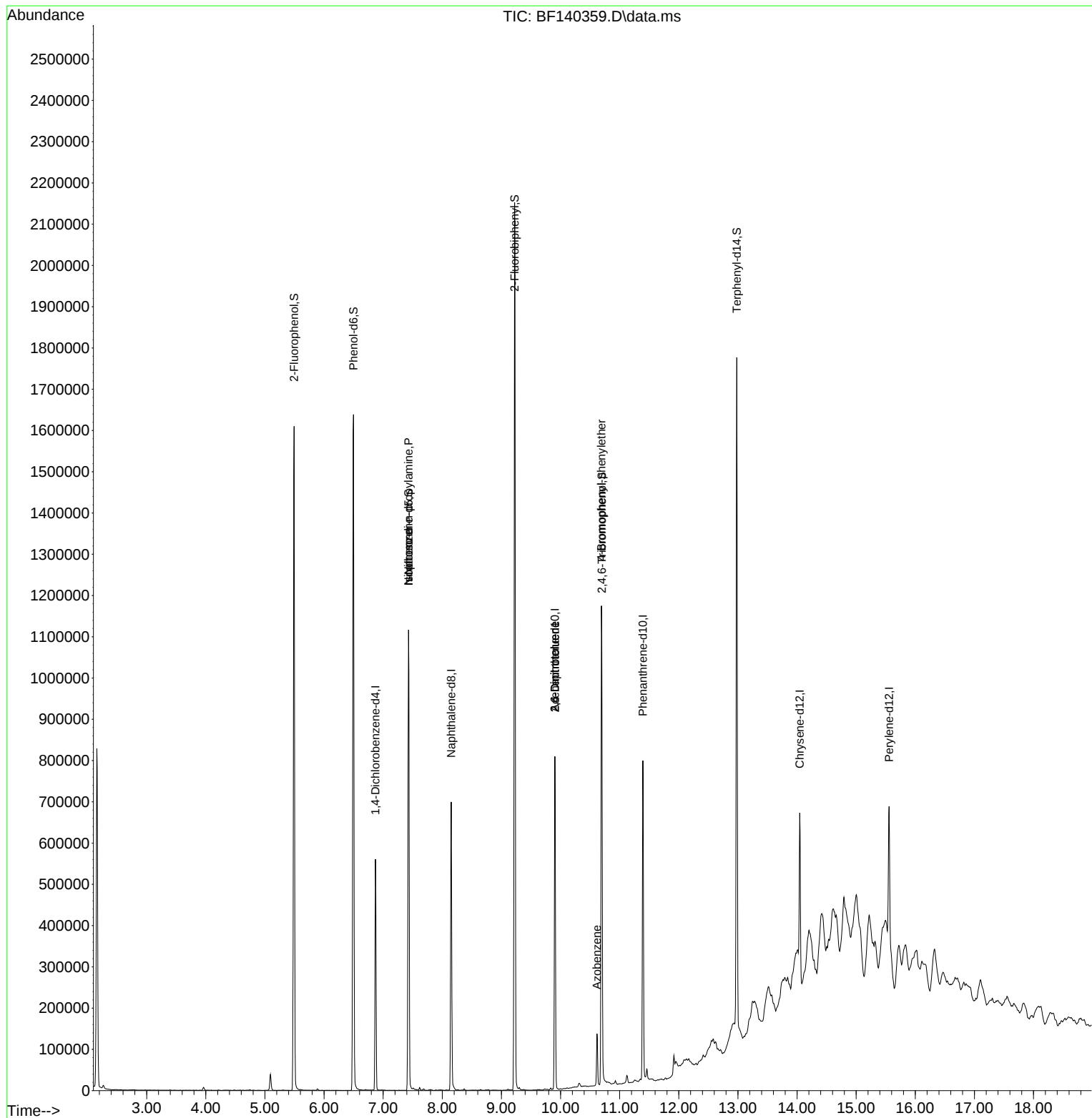
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	114869	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	438599	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	239752	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	413215	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	189985	20.000	ng	0.00
86) Perylene-d12	15.557	264	208514	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	599333	89.083	ng	0.00
7) Phenol-d6	6.499	99	801413	87.922	ng	0.00
23) Nitrobenzene-d5	7.428	82	518985	61.652	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	197949	83.027	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	969102	64.979	ng	-0.01
79) Terphenyl-d14	12.980	244	778492	71.127	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	69865	12.691	ng	# 78
25) Isophorone	7.428	82	516778	34.639	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	31436	8.824	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	31436	6.705	ng	# 20
63) Azobenzene	10.616	77	32781	2.076	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	12349	2.990	ng	# 1

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

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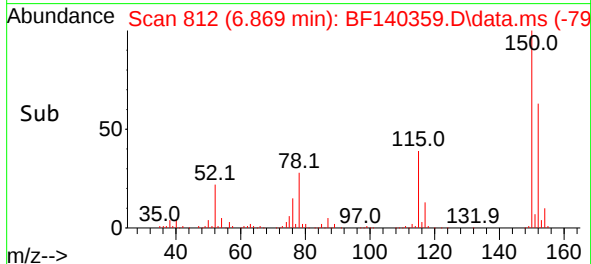
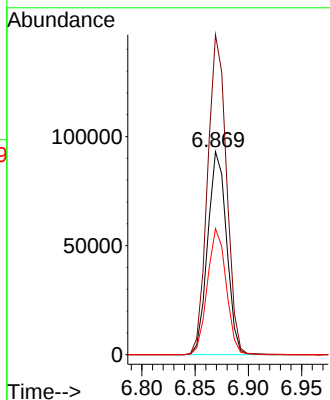
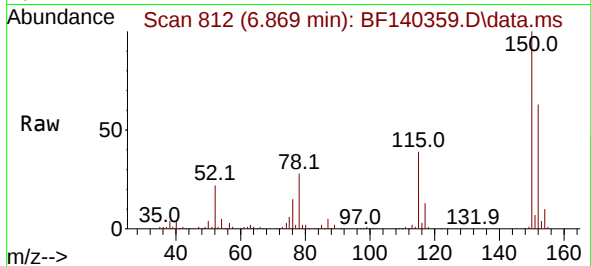




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140359.D
Acq: 14 Nov 2024 13:55

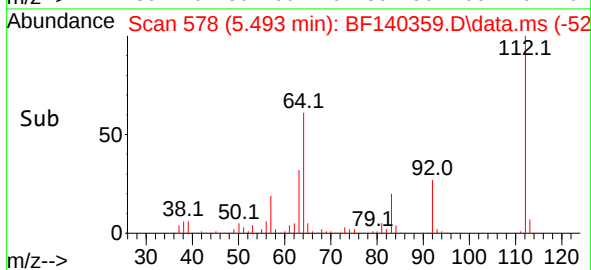
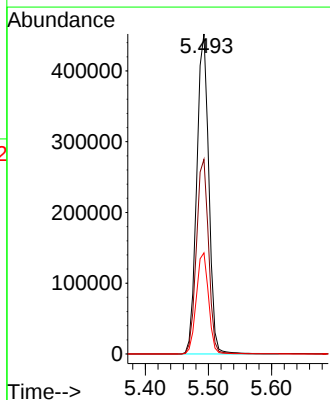
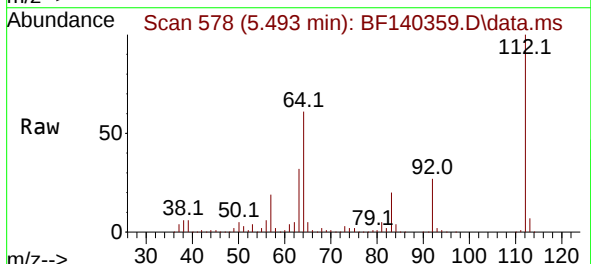
Instrument :
BNA_F
ClientSampleId :
3TRK-STONE

Tgt Ion:152 Resp: 114869
Ion Ratio Lower Upper
152 100
150 157.6 127.4 191.0
115 62.1 47.4 71.2



#5
2-Fluorophenol
Concen: 89.083 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF140359.D
Acq: 14 Nov 2024 13:55

Tgt Ion:112 Resp: 599333
Ion Ratio Lower Upper
112 100
64 60.8 49.2 73.8
63 31.6 25.6 38.4

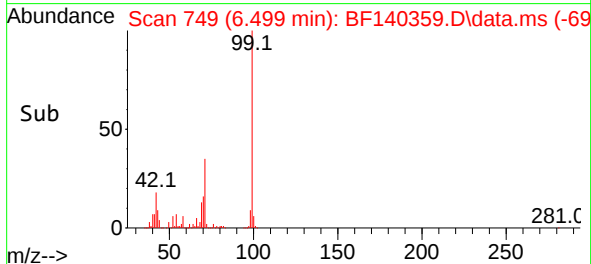
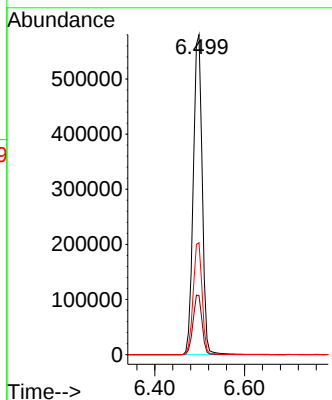
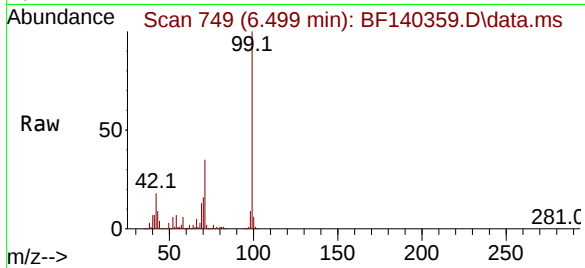




#7
Phenol-d6
Concen: 87.922 ng
RT: 6.499 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF140359.D
Acq: 14 Nov 2024 13:55

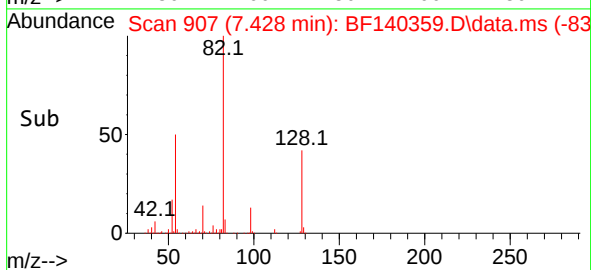
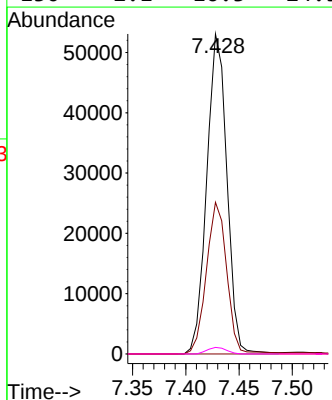
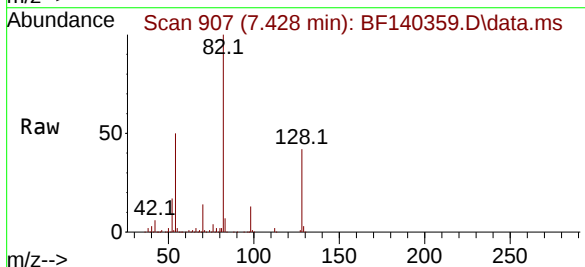
Instrument :
BNA_F
ClientSampleId :
3TRK-STONE

Tgt Ion: 99 Resp: 801413
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 35.0 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.691 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF140359.D
Acq: 14 Nov 2024 13:55

Tgt Ion: 70 Resp: 69865
Ion Ratio Lower Upper
70 100
42 47.4 46.8 70.2
101 0.0 7.5 11.3#
130 2.1 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: BF140359.D
Acq: 14 Nov 2024 13:55

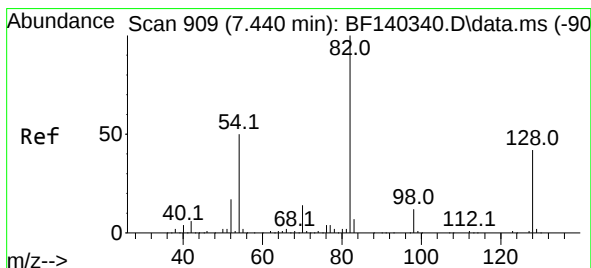
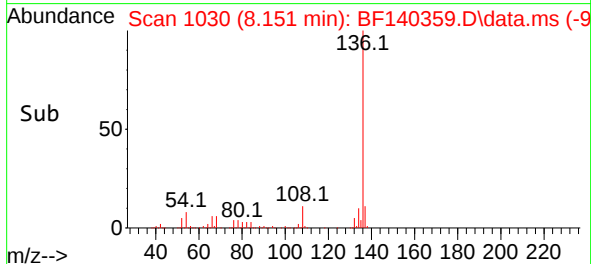
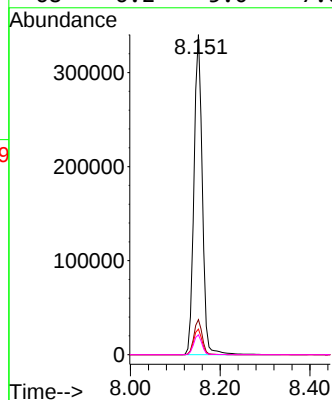
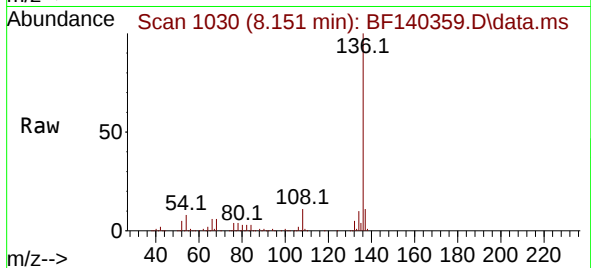
Instrument :

BNA_F

ClientSampleId :

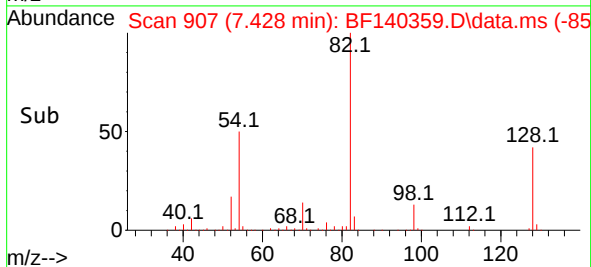
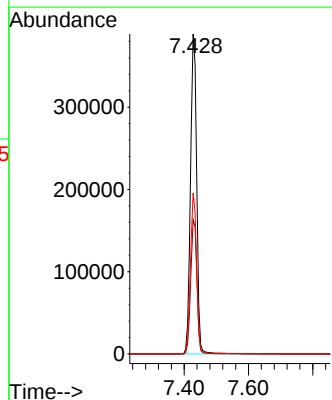
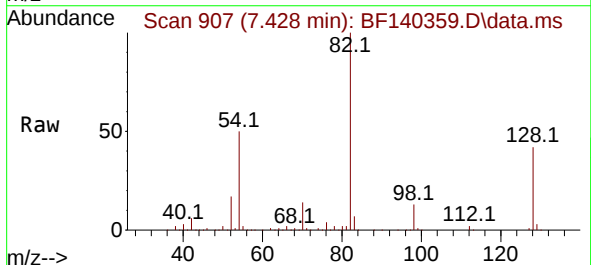
3TRK-STONE

Tgt Ion:136 Resp: 438599
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.0 6.5 9.7
68 6.2 5.0 7.6



#23
Nitrobenzene-d5
Concen: 61.652 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140359.D
Acq: 14 Nov 2024 13:55

Tgt Ion: 82 Resp: 518985
Ion Ratio Lower Upper
82 100
128 41.9 33.3 49.9
54 50.3 39.8 59.8

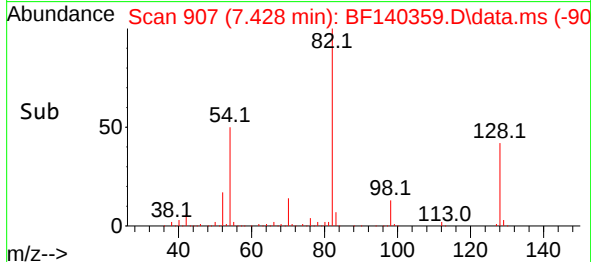
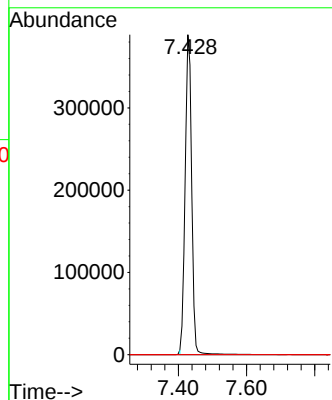
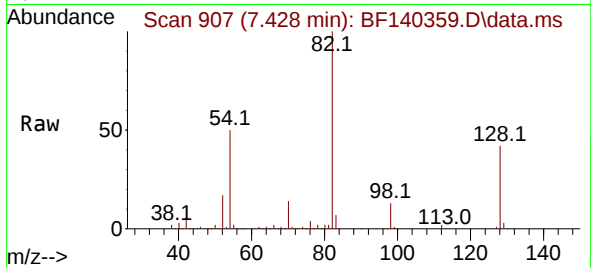




#25
Isophorone
Concen: 34.639 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF140359.D
Acq: 14 Nov 2024 13:55

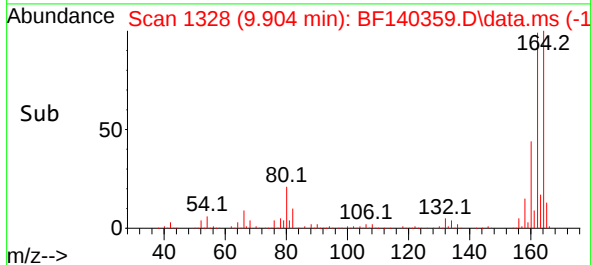
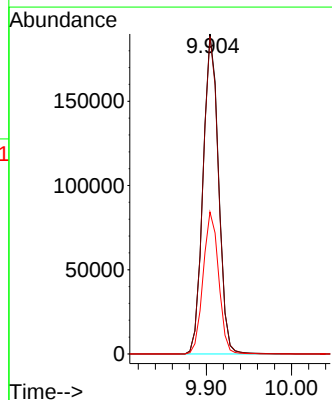
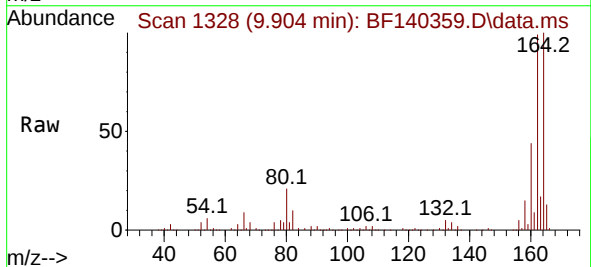
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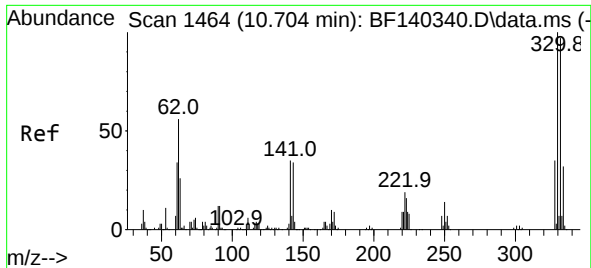
Tgt Ion: 82 Resp: 516778
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140359.D
Acq: 14 Nov 2024 13:55

Tgt Ion: 164 Resp: 239752
Ion Ratio Lower Upper
164 100
162 99.3 79.8 119.8
160 44.3 35.4 53.0

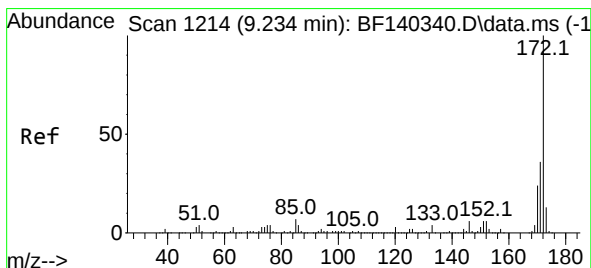
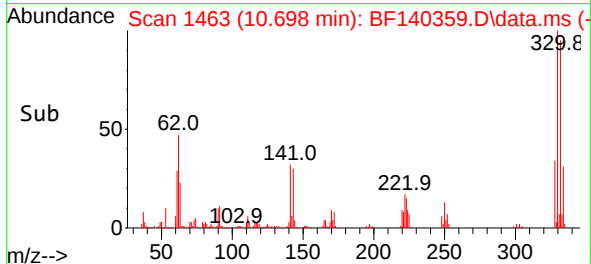
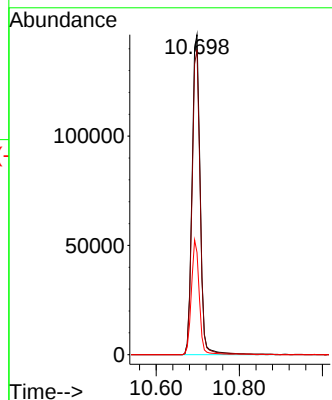
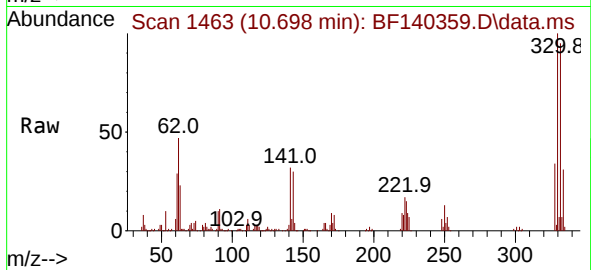




#42
2,4,6-Tribromophenol
Concen: 83.027 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140359.D
Acq: 14 Nov 2024 13:55

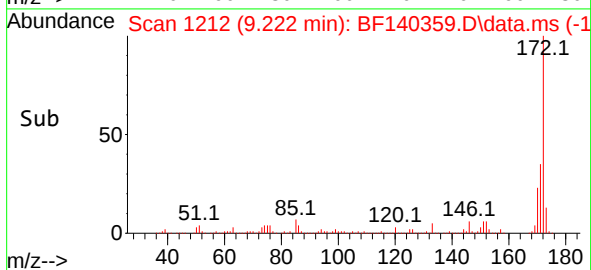
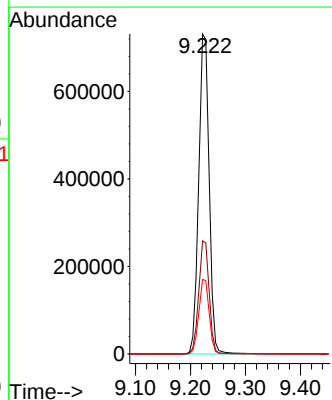
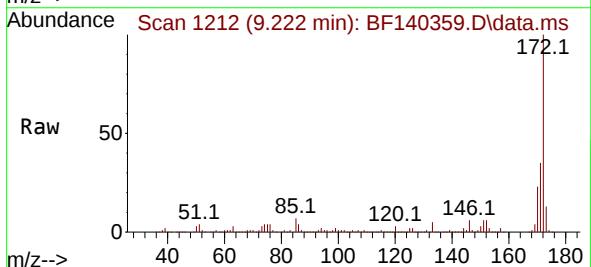
Instrument :
BNA_F
ClientSampleId :
3TRK-STONE

Tgt Ion:330 Resp: 197949
Ion Ratio Lower Upper
330 100
332 94.6 75.9 113.9
141 34.7 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 64.979 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140359.D
Acq: 14 Nov 2024 13:55

Tgt Ion:172 Resp: 969102
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.3 19.1 28.7

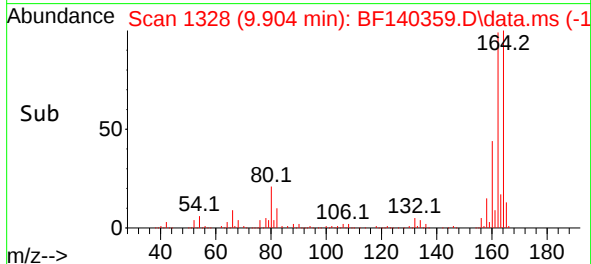
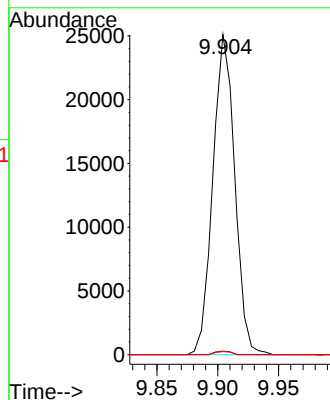
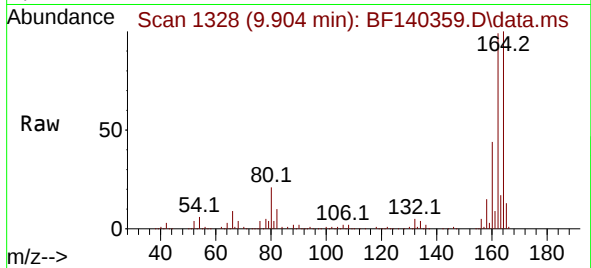




#51
2,6-Dinitrotoluene
Concen: 8.824 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140359.D
Acq: 14 Nov 2024 13:55

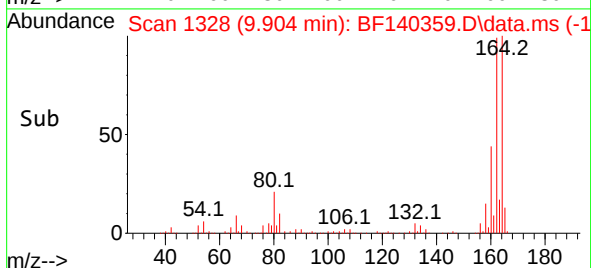
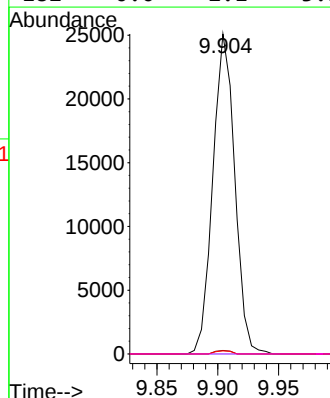
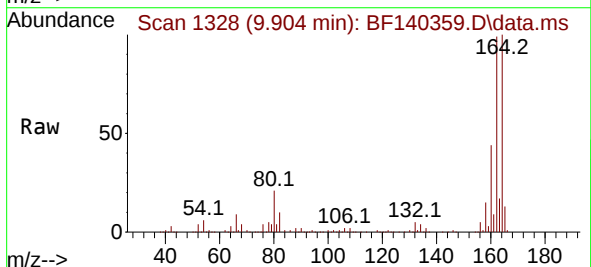
Instrument :
BNA_F
ClientSampleId :
3TRK-STONE

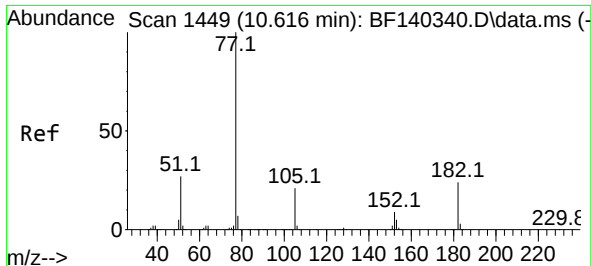
Tgt Ion:165 Resp: 31436
Ion Ratio Lower Upper
165 100
63 1.1 47.6 71.4#
89 0.9 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.705 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140359.D
Acq: 14 Nov 2024 13:55

Tgt Ion:165 Resp: 31436
Ion Ratio Lower Upper
165 100
63 1.1 39.4 59.0#
89 0.9 62.4 93.6#
182 0.0 2.1 3.1#

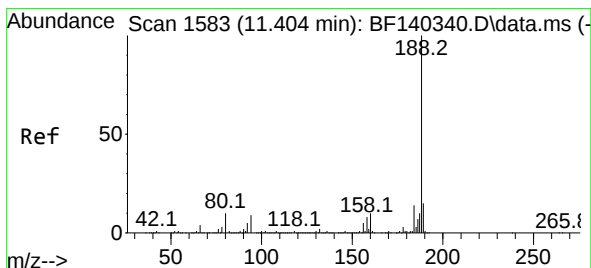
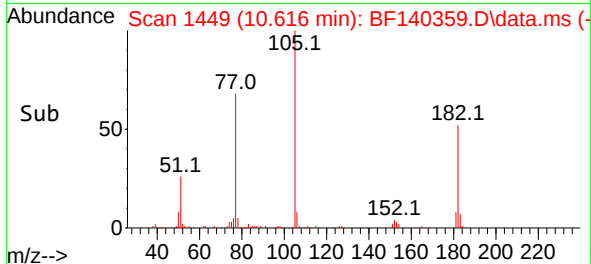
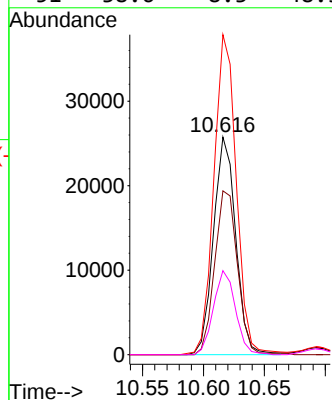
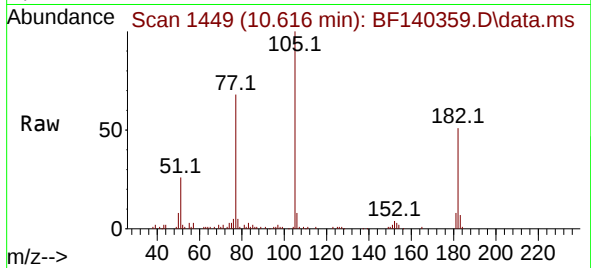




#63
Azobenzene
Concen: 2.076 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF140359.D
Acq: 14 Nov 2024 13:55

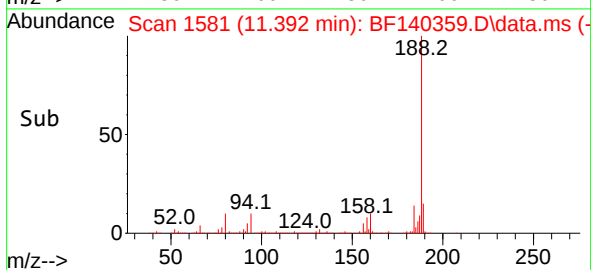
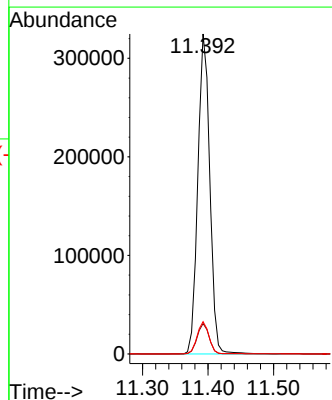
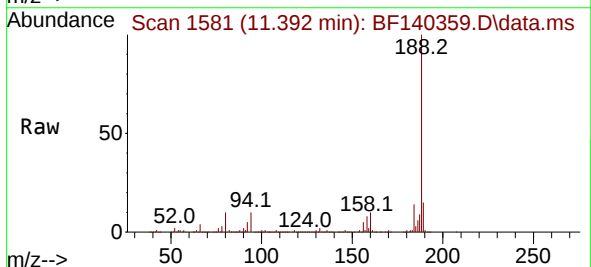
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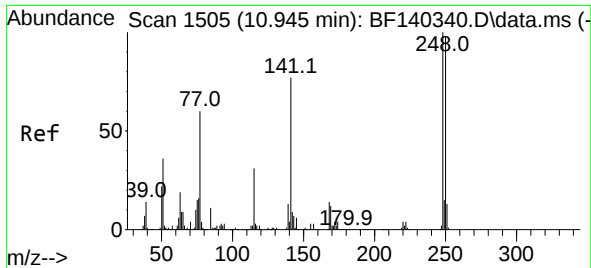
Tgt Ion: 77	Resp: 32781
Ion Ratio	Lower Upper
77 100	
182 75.3	4.6 44.6#
105 147.1	0.9 40.9#
51 38.6	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF140359.D
Acq: 14 Nov 2024 13:55

Tgt Ion: 188	Resp: 413215
Ion Ratio	Lower Upper
188 100	
94 9.5	7.6 11.4
80 10.1	8.0 12.0

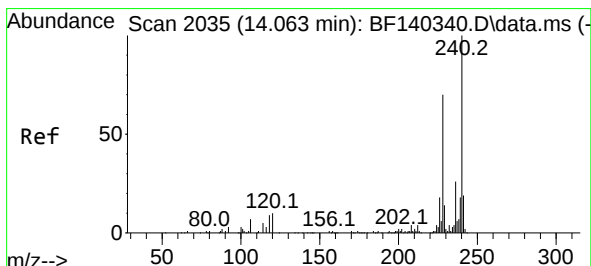
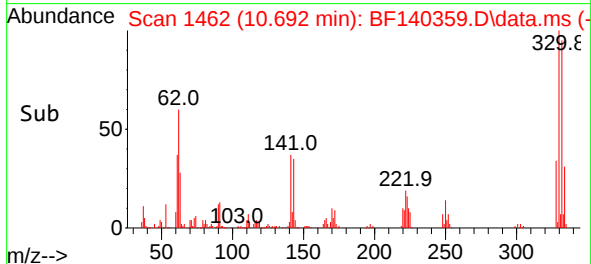
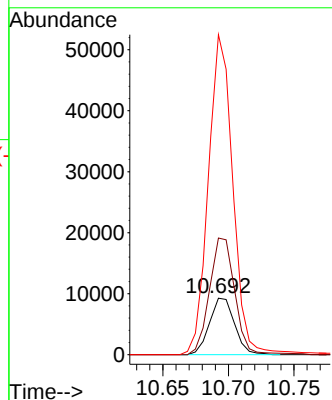
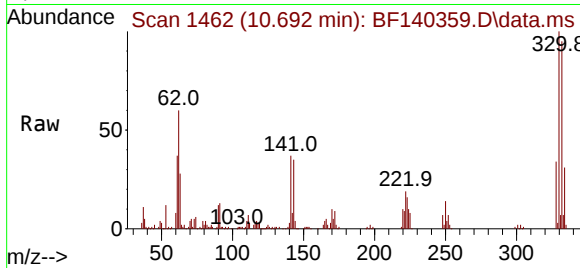




#67
4-Bromophenyl-phenylether
Concen: 2.990 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF140359.D
Acq: 14 Nov 2024 13:55

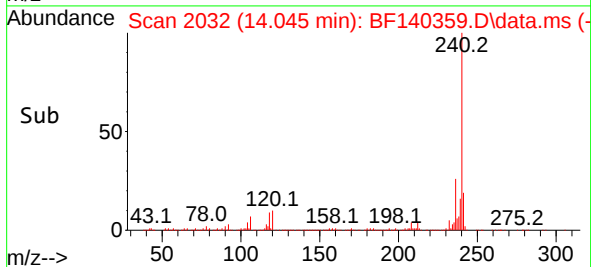
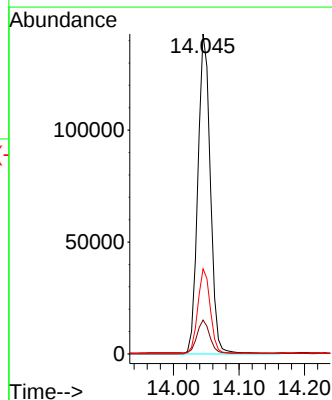
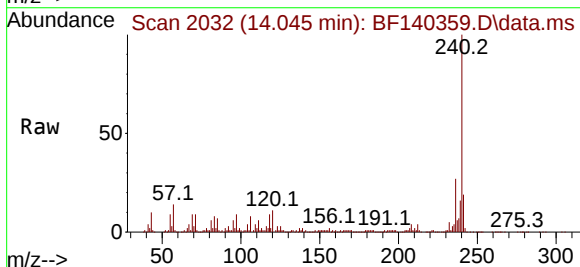
Instrument :
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3TRK-STONE

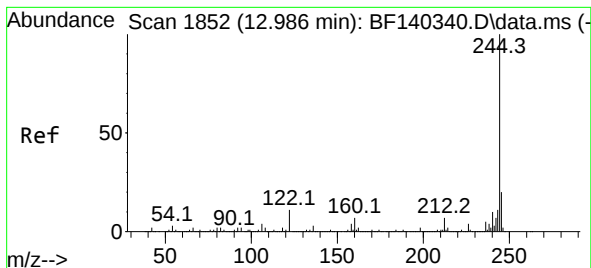
Tgt Ion:248 Resp: 12349
Ion Ratio Lower Upper
248 100
250 206.7 77.9 116.9#
141 567.0 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140359.D
Acq: 14 Nov 2024 13:55

Tgt Ion:240 Resp: 189985
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 26.6 20.9 31.3





#79

Terphenyl-d14

Concen: 71.127 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140359.D

Acq: 14 Nov 2024 13:55

Instrument :

BNA_F

ClientSampleId :

3TRK-STONE

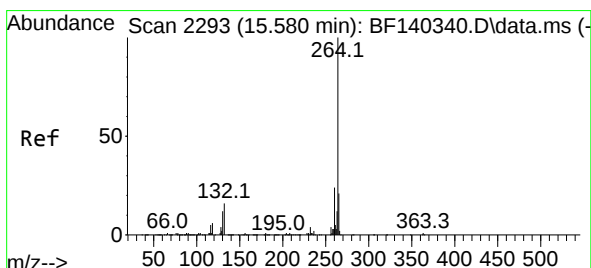
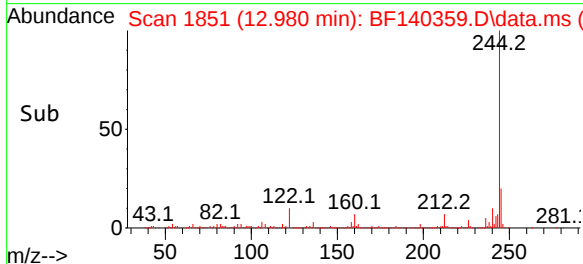
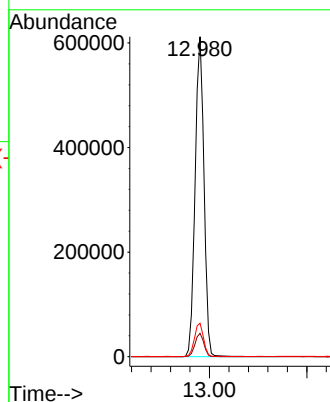
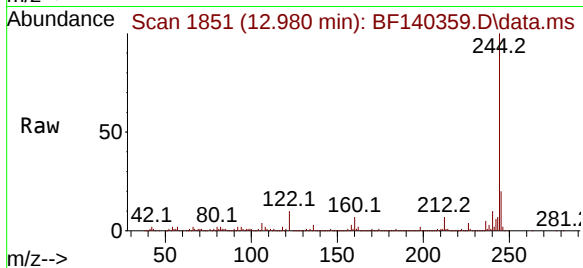
Tgt Ion:244 Resp: 778492

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 10.5 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2289

Delta R.T. 0.000 min

Lab File: BF140359.D

Acq: 14 Nov 2024 13:55

Tgt Ion:264 Resp: 208514

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.6 17.1 25.7

