

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140360.D
 Acq On : 14 Nov 2024 14:21
 Operator : RC/JU
 Sample : P4834-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SLP-1-STONE

Quant Time: Nov 14 14:49:00 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)

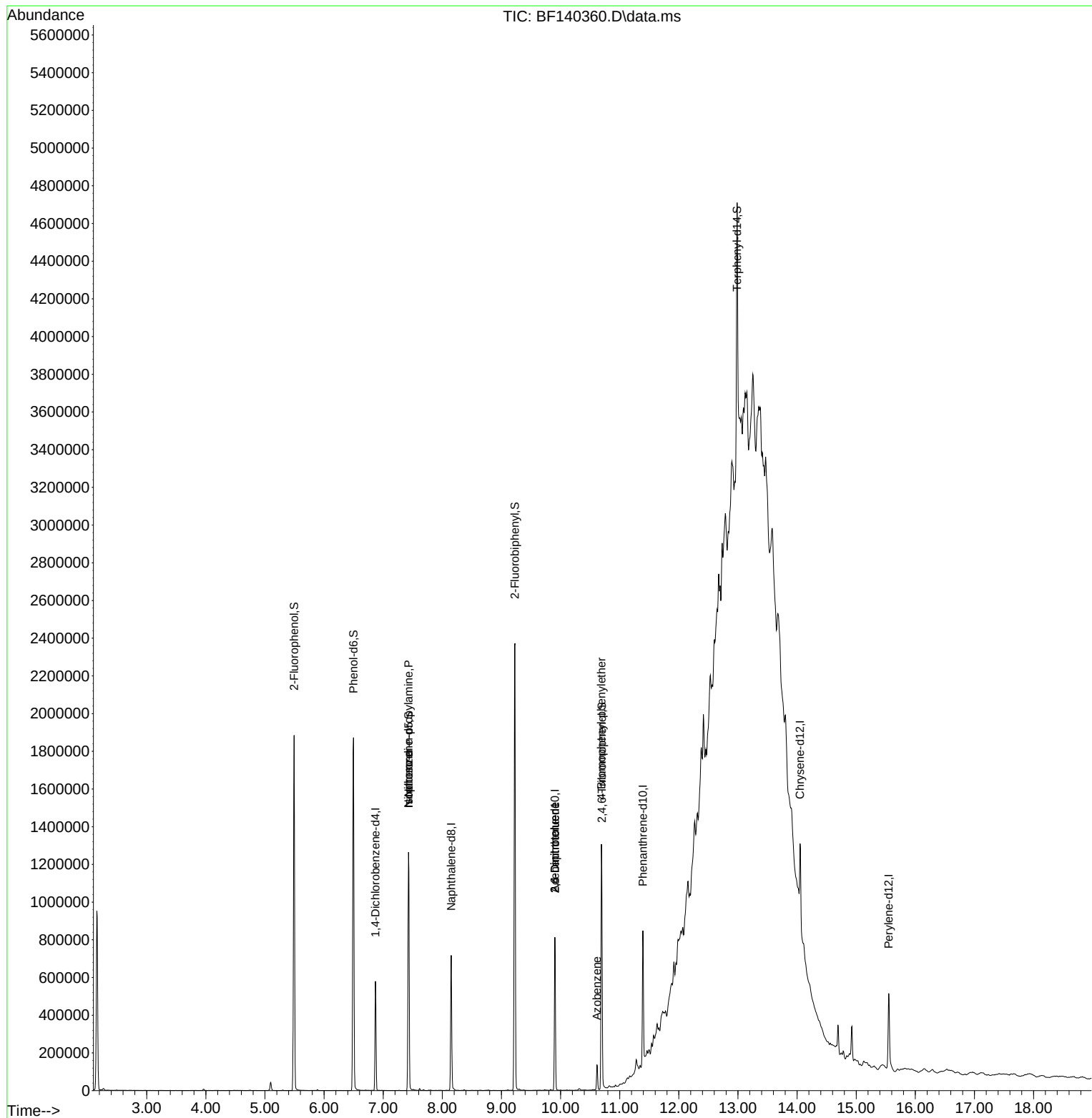
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	120599	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	450844	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	239928	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	378467	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	200107	20.000	ng	0.00
86) Perylene-d12	15.551	264	227537	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	693695	98.210	ng	0.00
7) Phenol-d6	6.498	99	925818	96.744	ng	0.00
23) Nitrobenzene-d5	7.428	82	594700	68.728	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	213961	89.677	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1085956	72.760	ng	0.00
79) Terphenyl-d14	12.986	244	693238	60.134	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	78380	13.561	ng	# 78
25) Isophorone	7.428	82	589062	38.411	ng	# 67
51) 2,6-Dinitrotoluene	9.904	165	31195	8.750	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	31195	6.648	ng	# 20
63) Azobenzene	10.616	77	35255	2.231	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	13959	3.690	ng	# 1

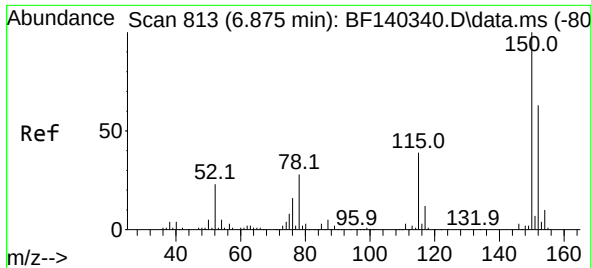
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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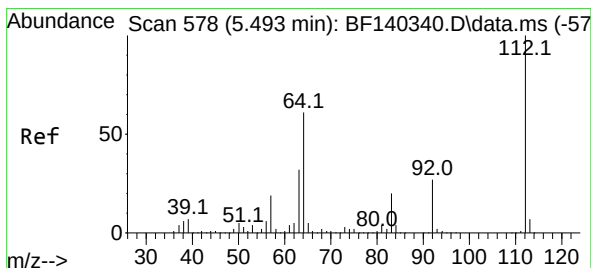
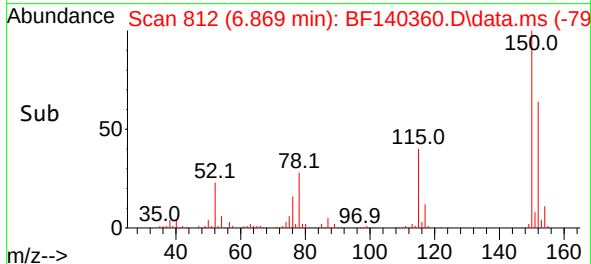
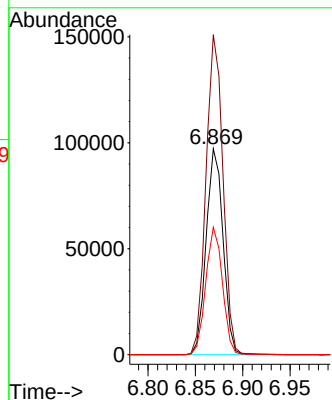
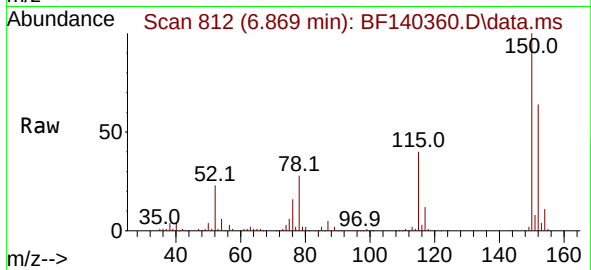




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140360.D
Acq: 14 Nov 2024 14:21

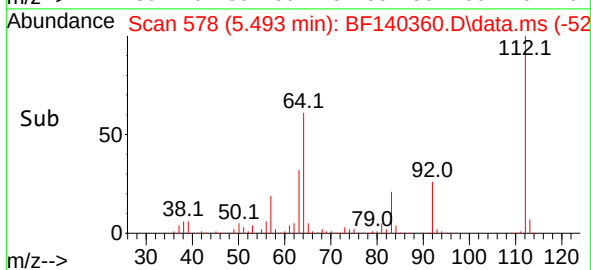
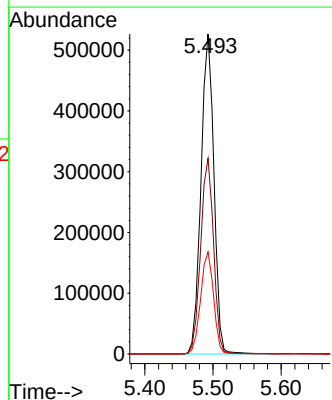
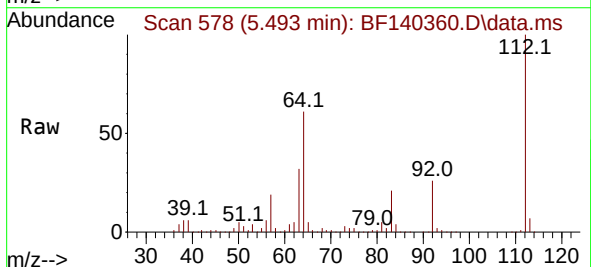
Instrument :
BNA_F
ClientSampleId :
SLP-1-STONE

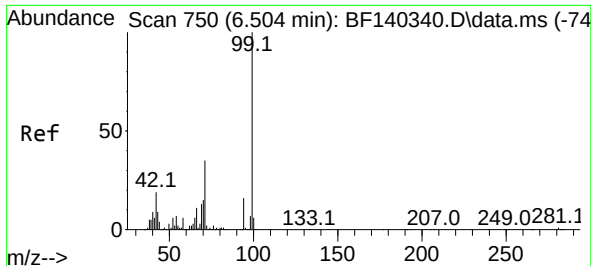
Tgt Ion:152 Resp: 120599
Ion Ratio Lower Upper
152 100
150 155.4 127.4 191.0
115 61.9 47.4 71.2



#5
2-Fluorophenol
Concen: 98.210 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF140360.D
Acq: 14 Nov 2024 14:21

Tgt Ion:112 Resp: 693695
Ion Ratio Lower Upper
112 100
64 61.1 49.2 73.8
63 31.9 25.6 38.4

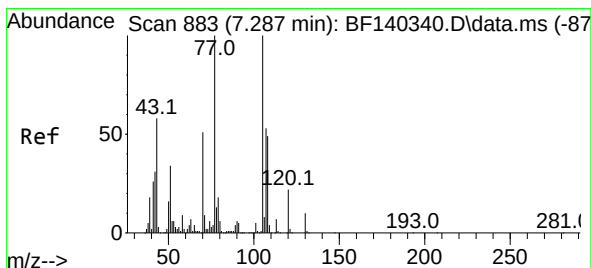
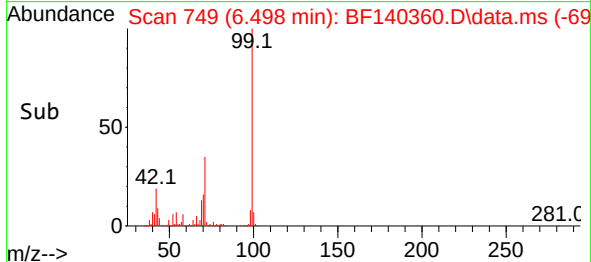
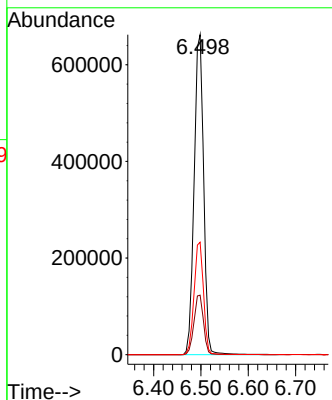
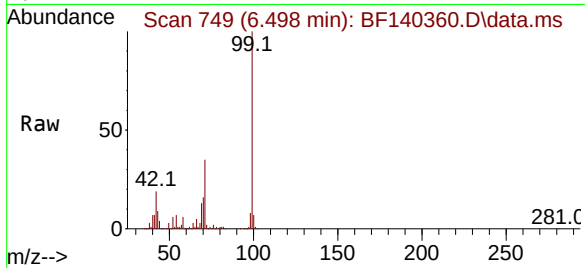




#7
Phenol-d6
Concen: 96.744 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF140360.D
Acq: 14 Nov 2024 14:21

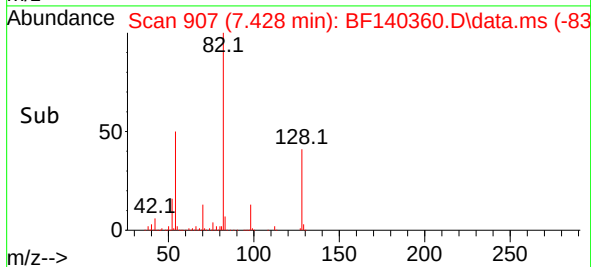
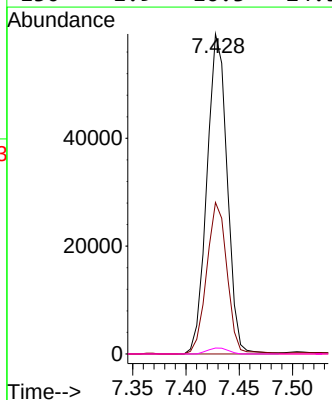
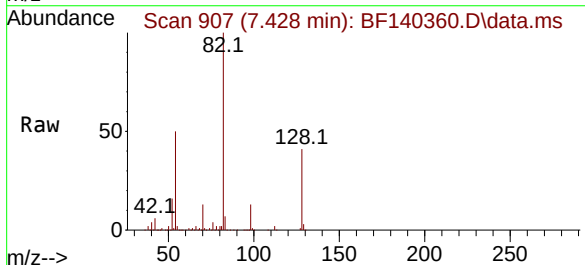
Instrument :
BNA_F
ClientSampleId :
SLP-1-STONE

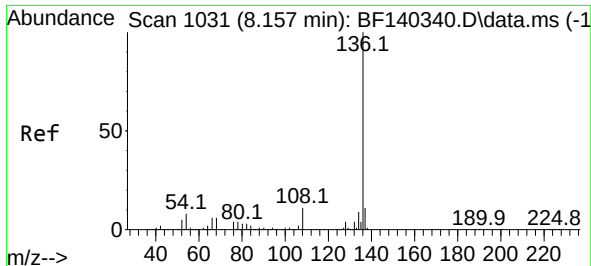
Tgt Ion: 99 Resp: 925818
Ion Ratio Lower Upper
99 100
42 18.6 15.1 22.7
71 35.1 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 13.561 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF140360.D
Acq: 14 Nov 2024 14:21

Tgt Ion: 70 Resp: 78380
Ion Ratio Lower Upper
70 100
42 47.4 46.8 70.2
101 0.0 7.5 11.3#
130 1.9 16.3 24.5#

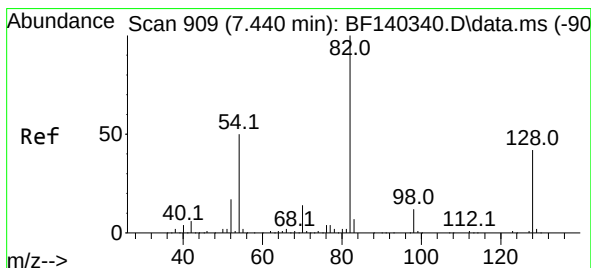
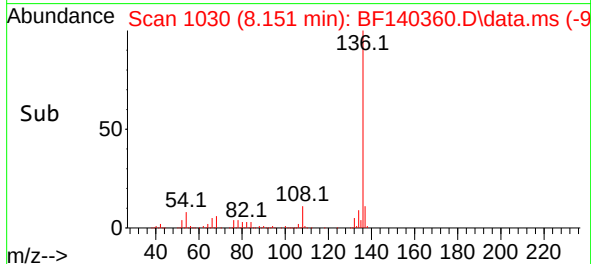
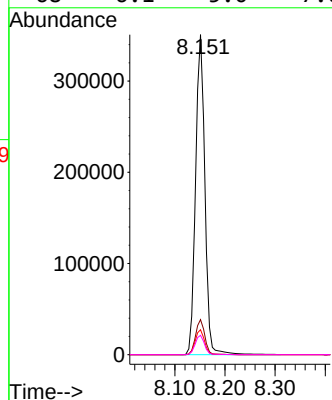
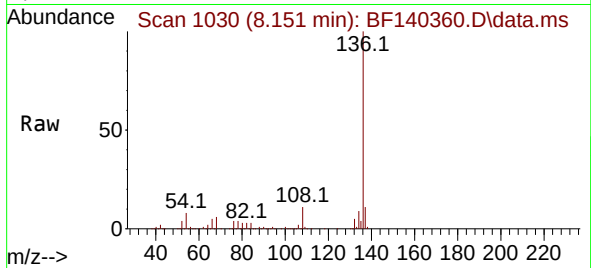




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140360.D
Acq: 14 Nov 2024 14:21

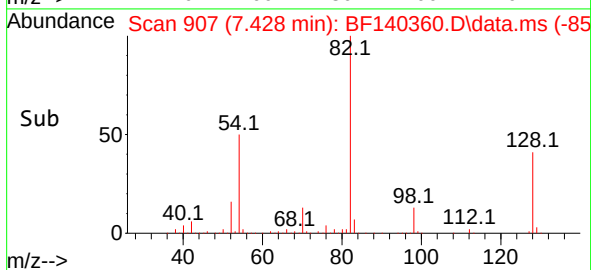
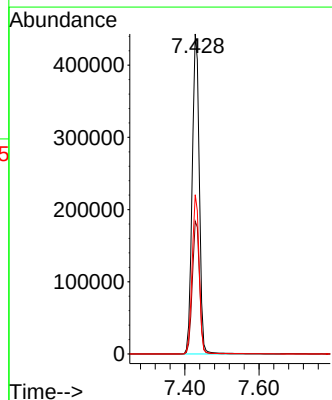
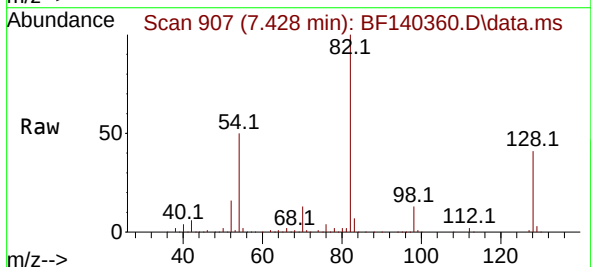
Instrument :
BNA_F
ClientSampleId :
SLP-1-STONE

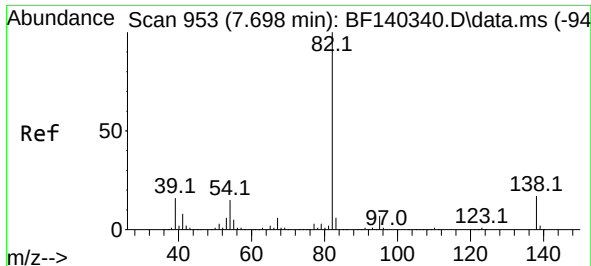
Tgt Ion:136 Resp: 450844
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.8 6.5 9.7
68 6.1 5.0 7.6



#23
Nitrobenzene-d5
Concen: 68.728 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140360.D
Acq: 14 Nov 2024 14:21

Tgt Ion: 82 Resp: 594700
Ion Ratio Lower Upper
82 100
128 41.4 33.3 49.9
54 49.8 39.8 59.8

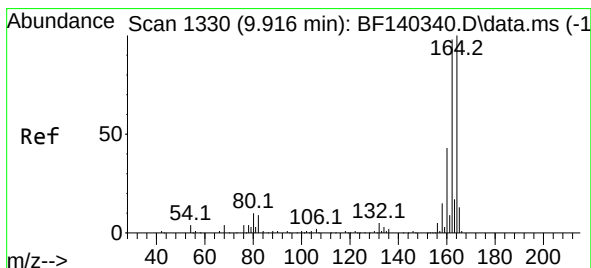
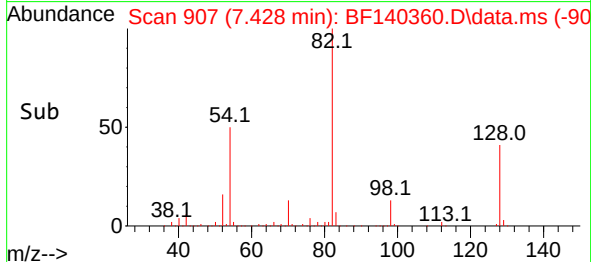
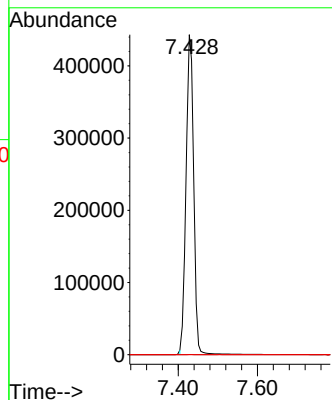
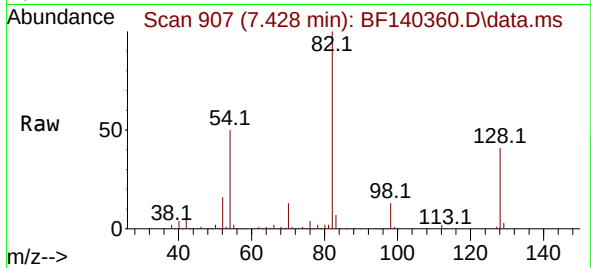




#25
Isophorone
Concen: 38.411 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140360.D
Acq: 14 Nov 2024 14:21

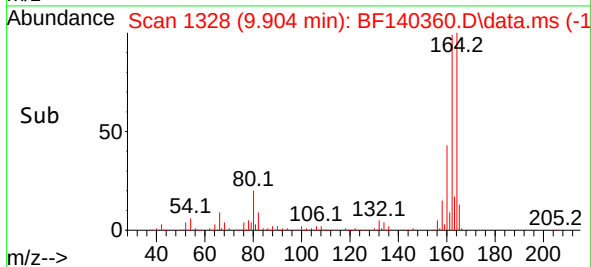
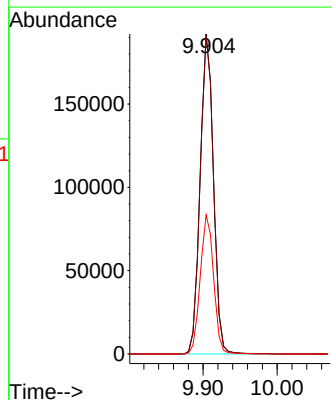
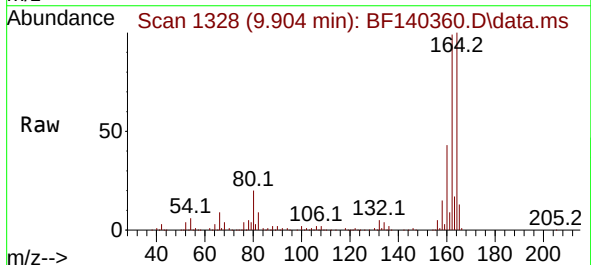
Instrument :
BNA_F
ClientSampleId :
SLP-1-STONE

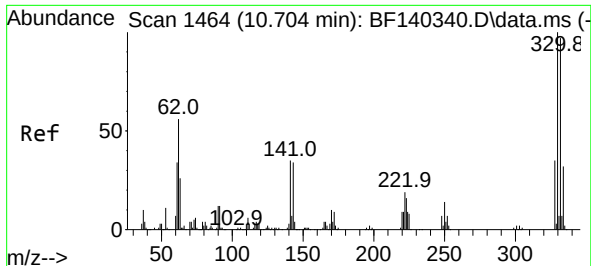
Tgt Ion: 82 Resp: 589062
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140360.D
Acq: 14 Nov 2024 14:21

Tgt Ion:164 Resp: 239928
Ion Ratio Lower Upper
164 100
162 99.3 79.8 119.8
160 43.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 89.677 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140360.D

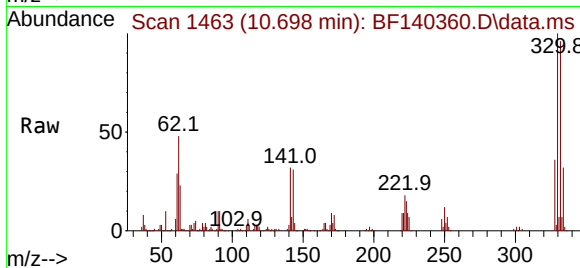
Acq: 14 Nov 2024 14:21

Instrument :

BNA_F

ClientSampleId :

SLP-1-STONE



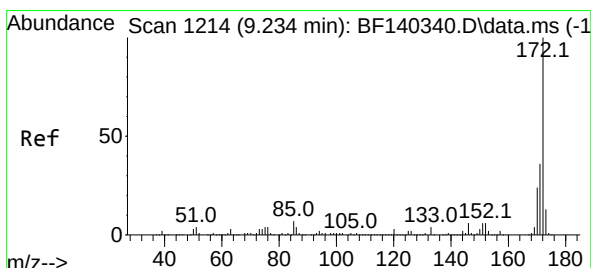
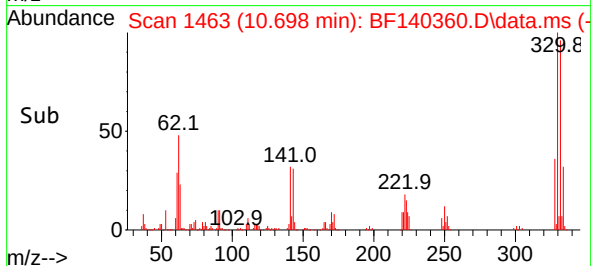
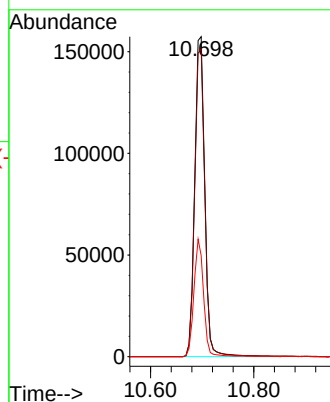
Tgt Ion:330 Resp: 213961

Ion Ratio Lower Upper

330 100

332 96.3 75.9 113.9

141 35.3 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 72.760 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140360.D

Acq: 14 Nov 2024 14:21

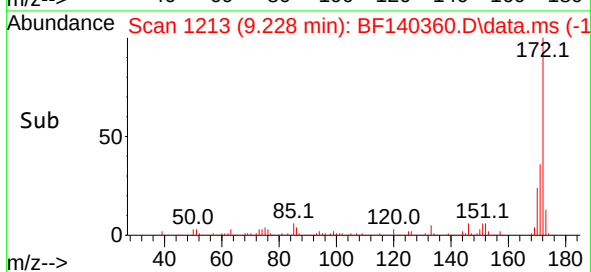
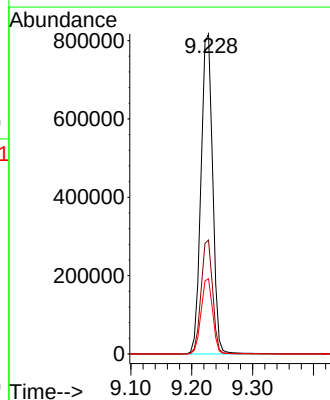
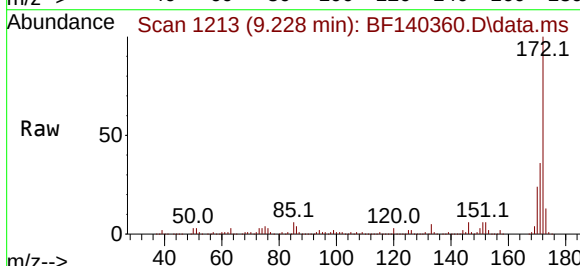
Tgt Ion:172 Resp: 1085956

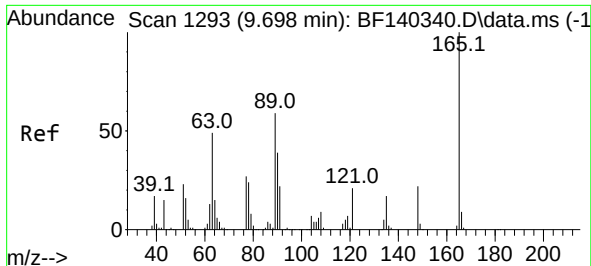
Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 23.5 19.1 28.7

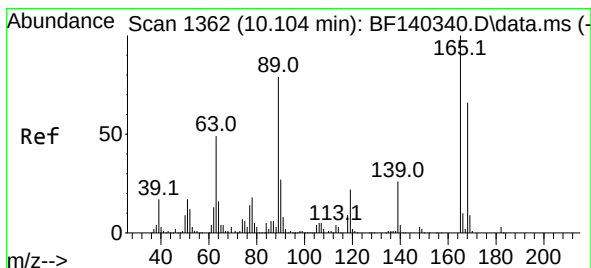
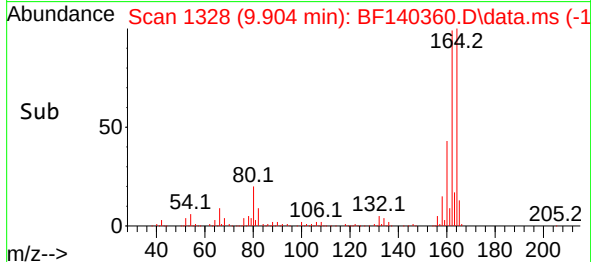
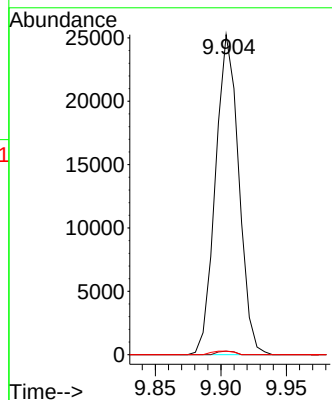
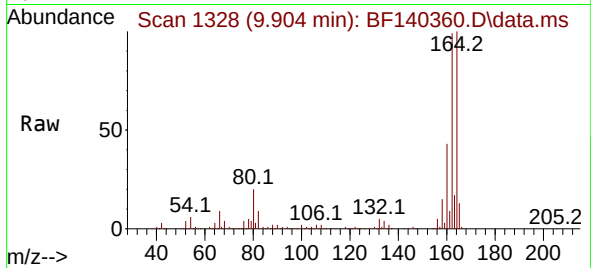




#51
2,6-Dinitrotoluene
Concen: 8.750 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140360.D
Acq: 14 Nov 2024 14:21

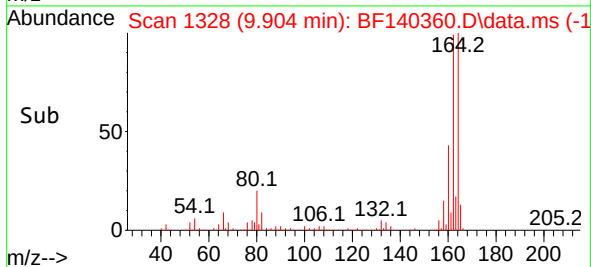
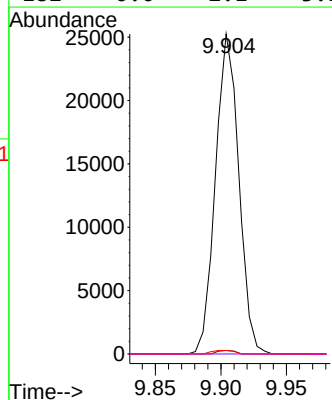
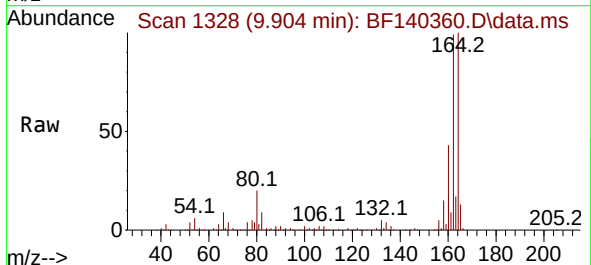
Instrument :
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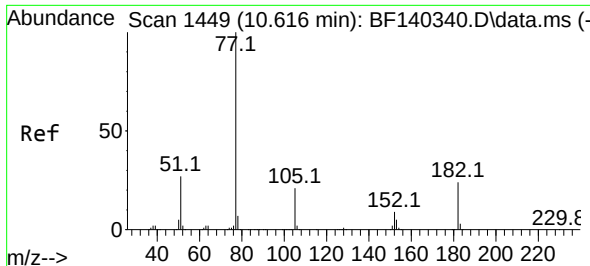
Tgt Ion:165 Resp: 31195
Ion Ratio Lower Upper
165 100
63 1.1 47.6 71.4#
89 1.1 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.648 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140360.D
Acq: 14 Nov 2024 14:21

Tgt Ion:165 Resp: 31195
Ion Ratio Lower Upper
165 100
63 1.1 39.4 59.0#
89 1.1 62.4 93.6#
182 0.0 2.1 3.1#

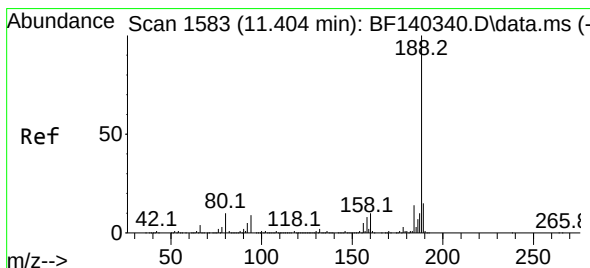
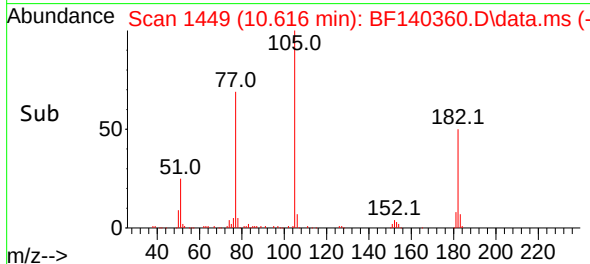
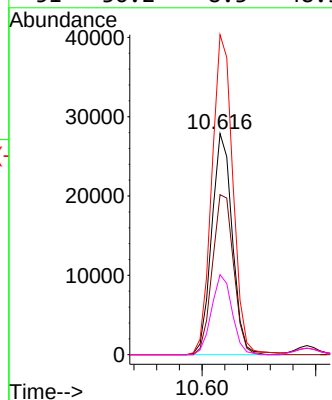
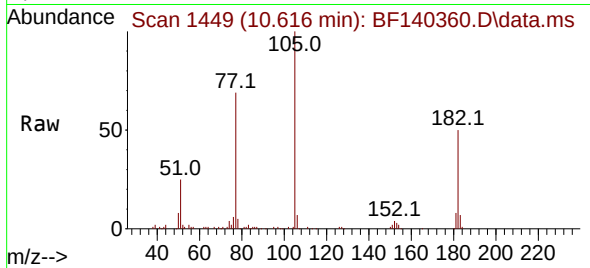




#63
Azobenzene
Concen: 2.231 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140360.D
Acq: 14 Nov 2024 14:21

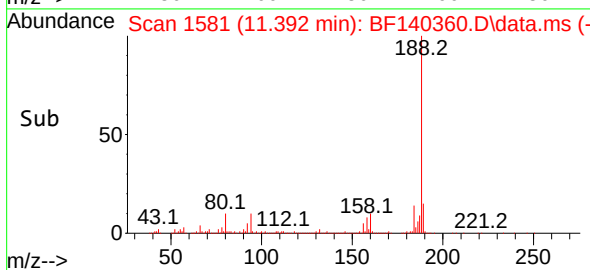
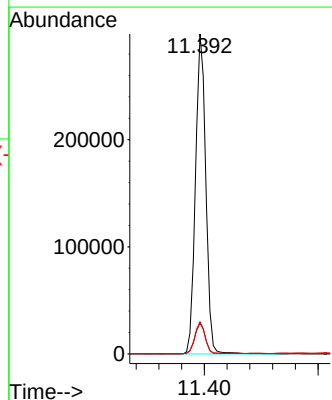
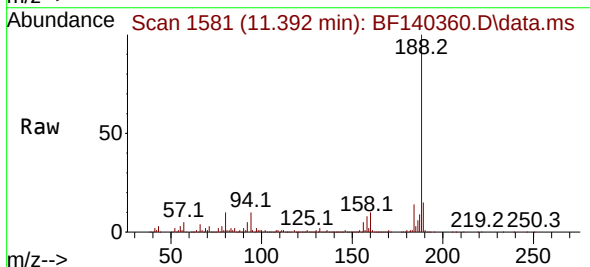
Instrument :
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SLP-1-STONE

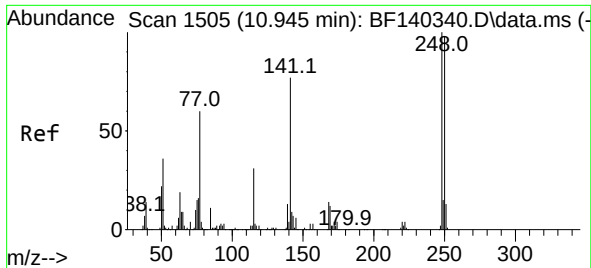
Tgt Ion: 77	Resp: 35255
Ion Ratio	Lower Upper
77 100	
182 72.4	4.6 44.6#
105 144.8	0.9 40.9#
51 36.2	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF140360.D
Acq: 14 Nov 2024 14:21

Tgt Ion: 188	Resp: 378467
Ion Ratio	Lower Upper
188 100	
94 9.6	7.6 11.4
80 10.1	8.0 12.0

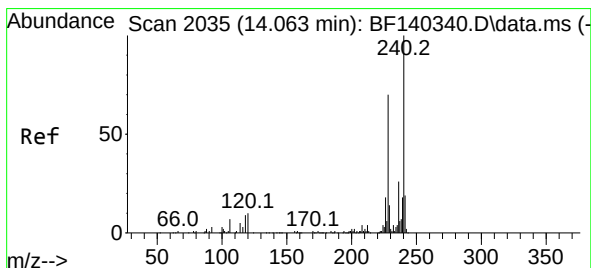
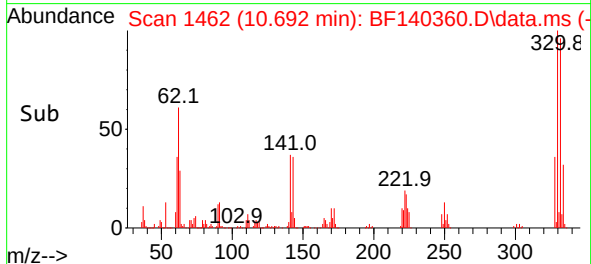
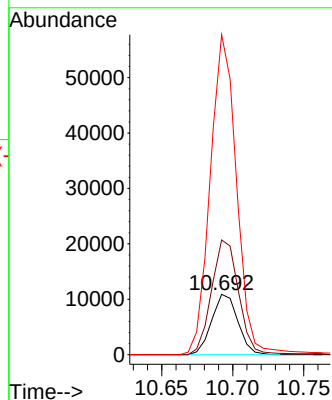
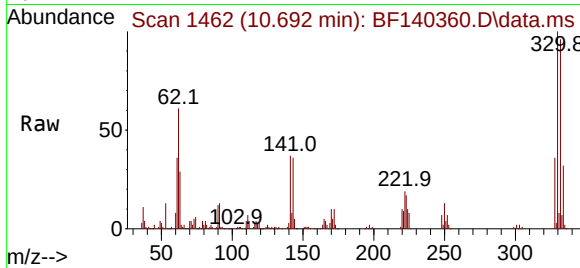




#67
4-Bromophenyl-phenylether
Concen: 3.690 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF140360.D
Acq: 14 Nov 2024 14:21

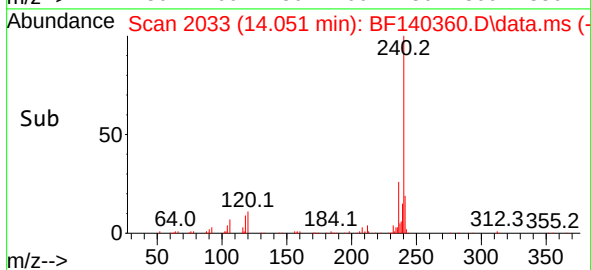
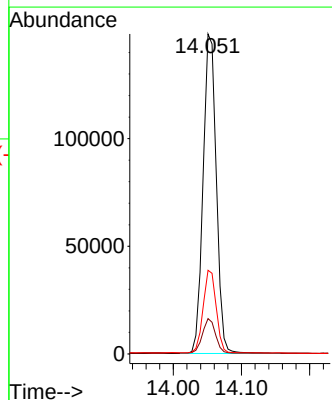
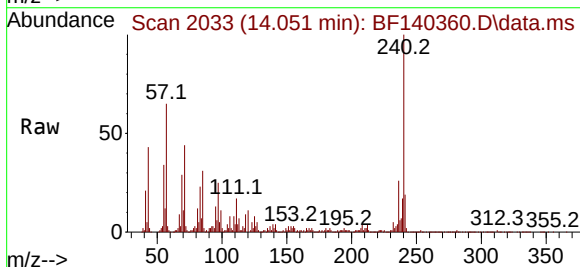
Instrument :
BNA_F
ClientSampleId :
SLP-1-STONE

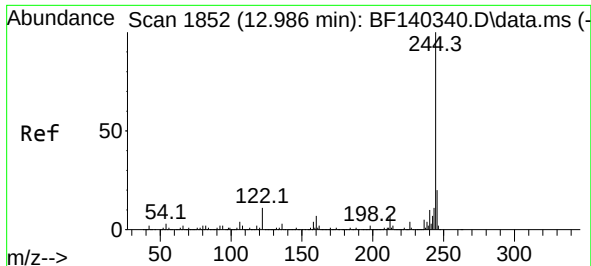
Tgt Ion:248 Resp: 13959
Ion Ratio Lower Upper
248 100
250 190.4 77.9 116.9#
141 530.9 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140360.D
Acq: 14 Nov 2024 14:21

Tgt Ion:240 Resp: 200107
Ion Ratio Lower Upper
240 100
120 11.1 8.8 13.2
236 26.2 20.9 31.3

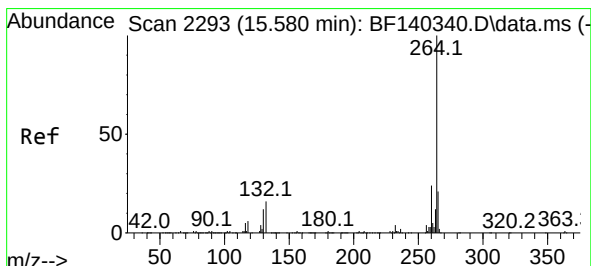
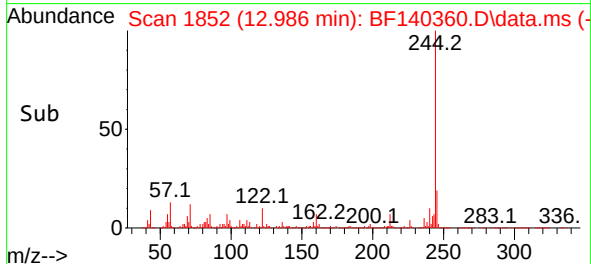
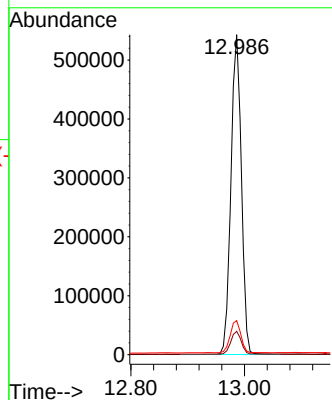
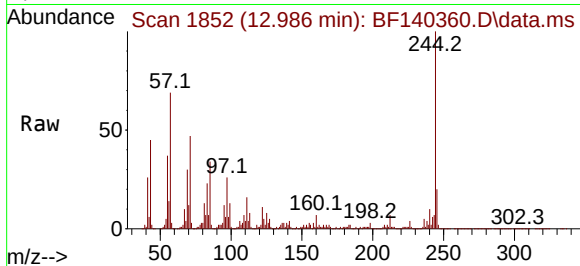




#79
 Terphenyl-d14
 Concen: 60.134 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140360.D
 Acq: 14 Nov 2024 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SLP-1-STONE

Tgt Ion:244 Resp: 693238
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 10.6 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF140360.D
 Acq: 14 Nov 2024 14:21

Tgt Ion:264 Resp: 227537
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.6 17.1 25.7

