

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
 Data File : BF140409.D
 Acq On : 15 Nov 2024 17:40
 Operator : RC/JU
 Sample : P4836-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T3-STONE

Quant Time: Nov 15 18:18:01 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)

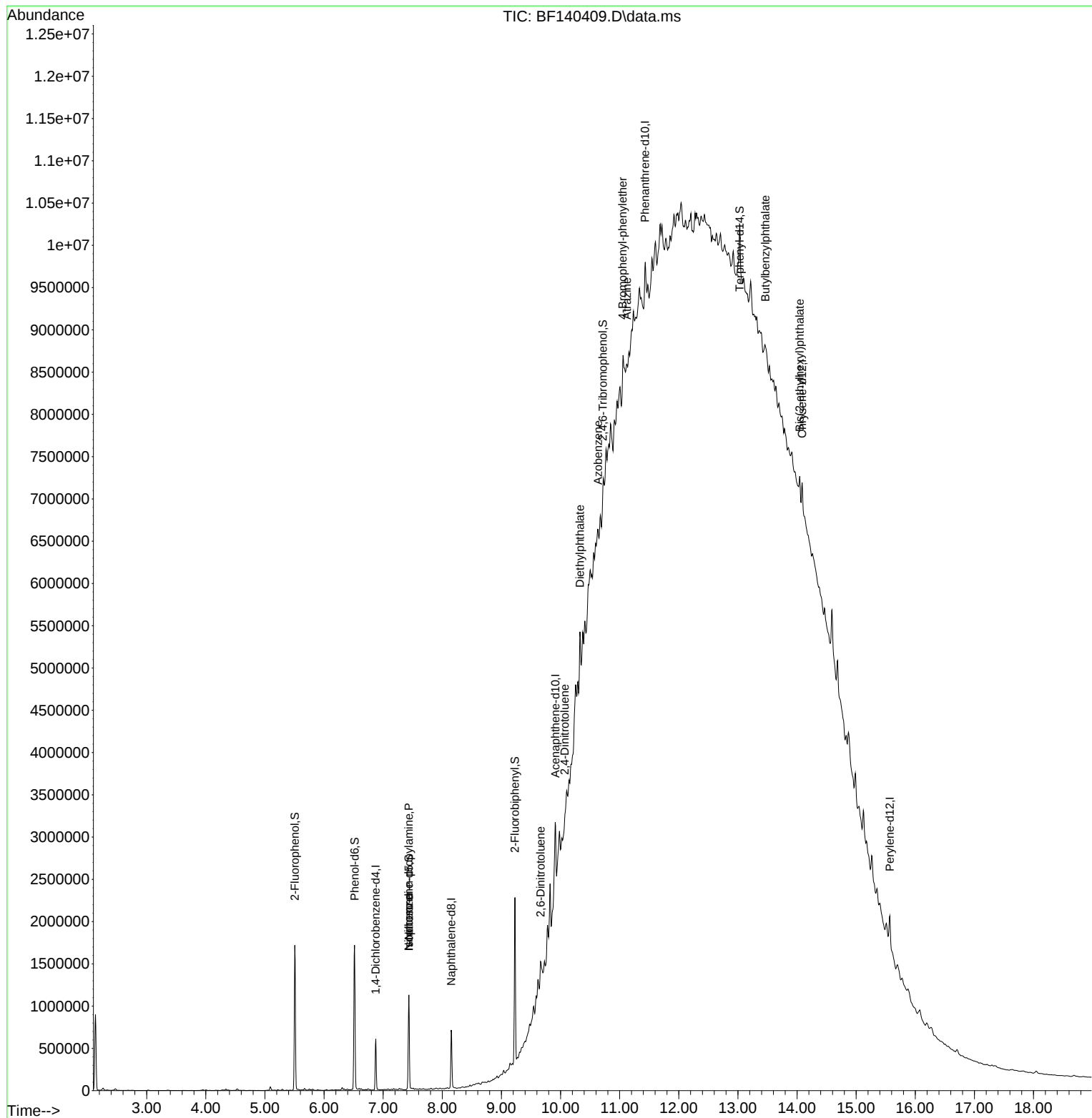
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	125191	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	443932	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	175809	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	200568	20.000	ng	# 0.02
76) Chrysene-d12	14.086	240	196853	20.000	ng	# 0.04
86) Perylene-d12	15.568	264	171131	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	638540	87.086	ng	0.01
7) Phenol-d6	6.516	99	829145	83.464	ng	0.01
23) Nitrobenzene-d5	7.434	82	498662	58.526	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	139461	79.770	ng	0.01
45) 2-Fluorobiphenyl	9.228	172	852890	77.986	ng	0.00
79) Terphenyl-d14	13.027	244	586034	51.675	ng	0.04
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	67370	11.229	ng	# 77
25) Isophorone	7.434	82	492684	32.627	ng	# 67
51) 2,6-Dinitrotoluene	9.663	165	37409	14.319	ng	# 31
57) 2,4-Dinitrotoluene	10.069	165	7784	2.264	ng	# 35
60) Diethylphthalate	10.328	149	35376	3.019	ng	# 38
63) Azobenzene	10.633	77	34887	3.013	ng	# 46
67) 4-Bromophenyl-phenylether	11.051	248	5135	2.561	ng	# 1
69) Atrazine	11.122	200	7849	4.477	ng	# 1
80) Butylbenzylphthalate	13.463	149	17262	2.669	ng	# 58
84) Bis(2-ethylhexyl)phtha...	14.045	149	158620	18.372	ng	# 91

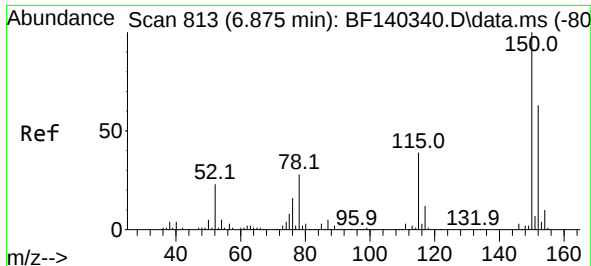
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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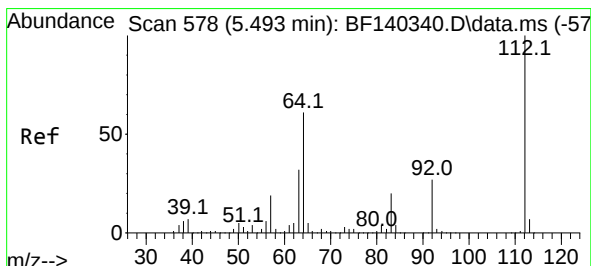
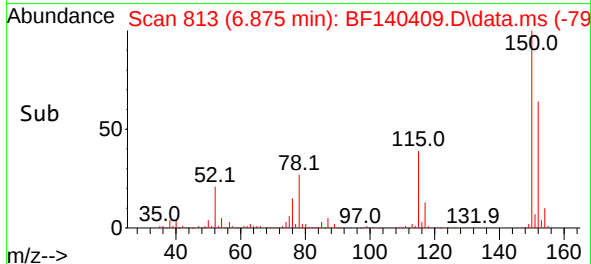
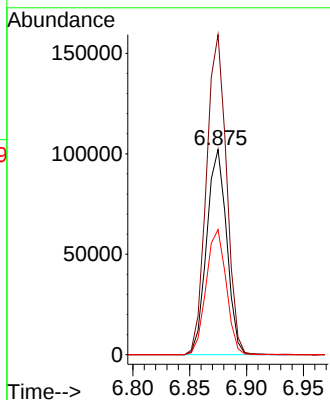
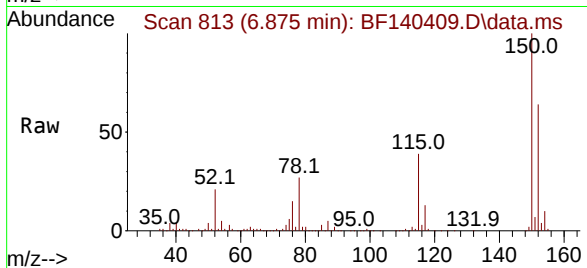




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140409.D
Acq: 15 Nov 2024 17:40

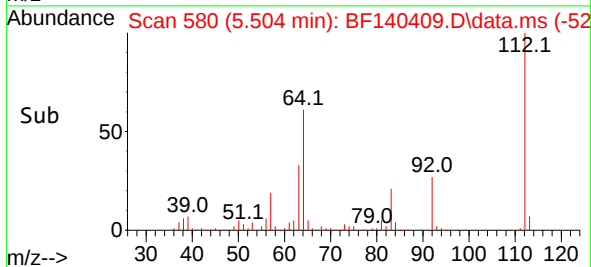
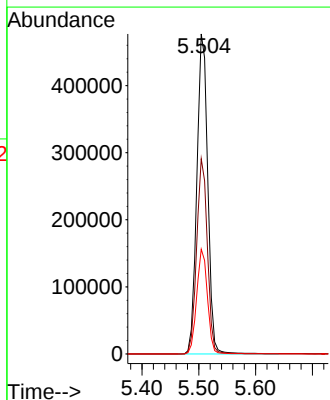
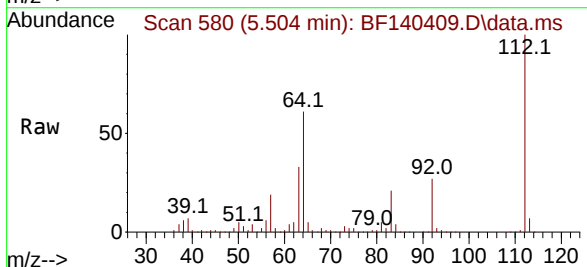
Instrument :
BNA_F
ClientSampleId :
T3-STONE

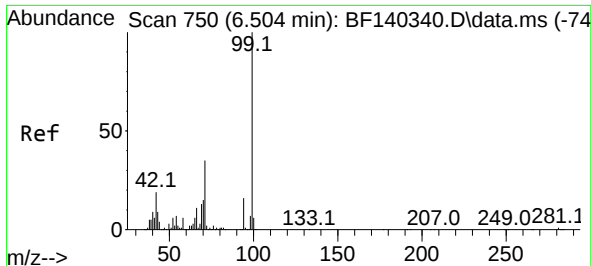
Tgt Ion:152 Resp: 125191
Ion Ratio Lower Upper
152 100
150 155.9 127.4 191.0
115 61.0 47.4 71.2



#5
2-Fluorophenol
Concen: 87.086 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140409.D
Acq: 15 Nov 2024 17:40

Tgt Ion:112 Resp: 638540
Ion Ratio Lower Upper
112 100
64 61.0 49.2 73.8
63 32.8 25.6 38.4

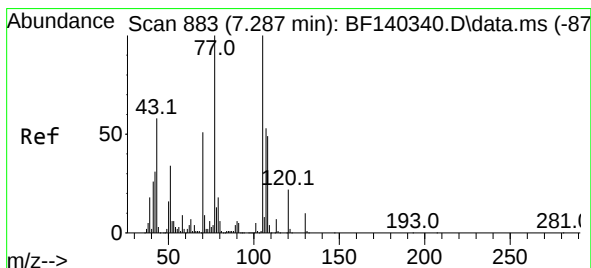
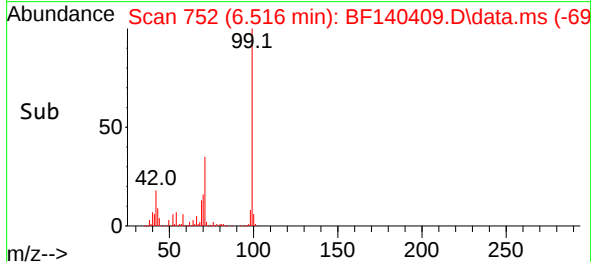
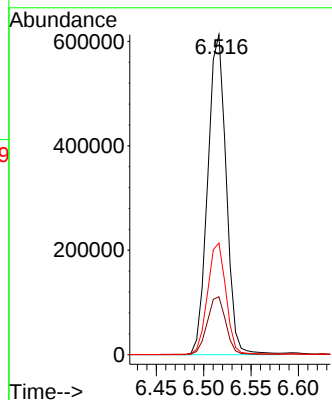
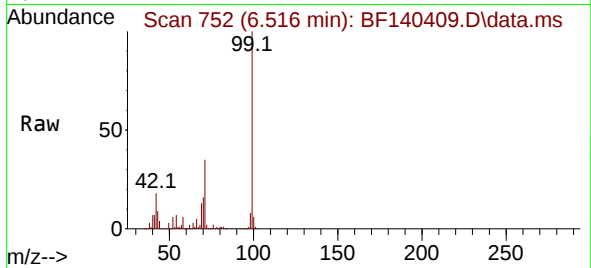




#7
Phenol-d6
Concen: 83.464 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140409.D
Acq: 15 Nov 2024 17:40

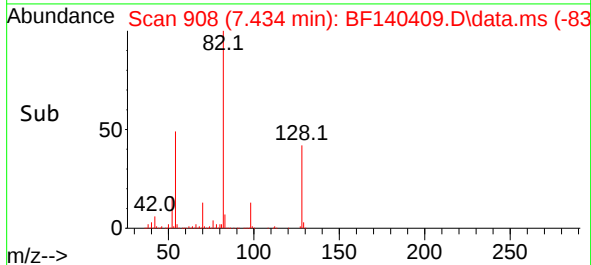
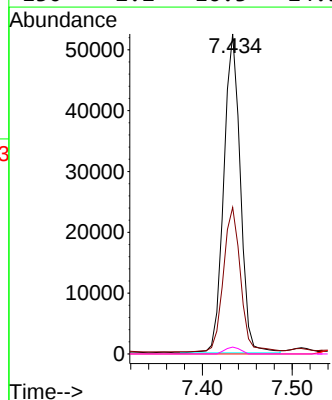
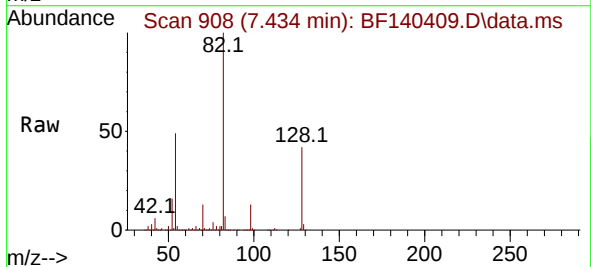
Instrument :
BNA_F
ClientSampleId :
T3-STONE

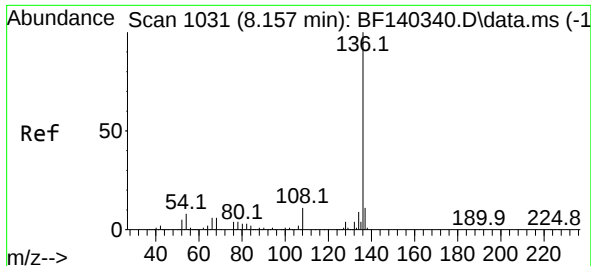
Tgt Ion: 99 Resp: 829145
Ion Ratio Lower Upper
99 100
42 18.1 15.1 22.7
71 34.9 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.229 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140409.D
Acq: 15 Nov 2024 17:40

Tgt Ion: 70 Resp: 67370
Ion Ratio Lower Upper
70 100
42 45.8 46.8 70.2#
101 0.0 7.5 11.3#
130 2.2 16.3 24.5#



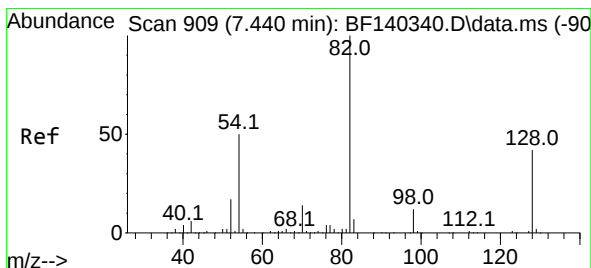
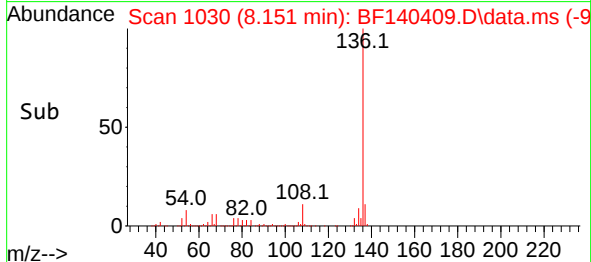
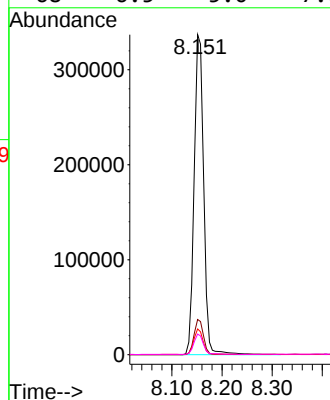
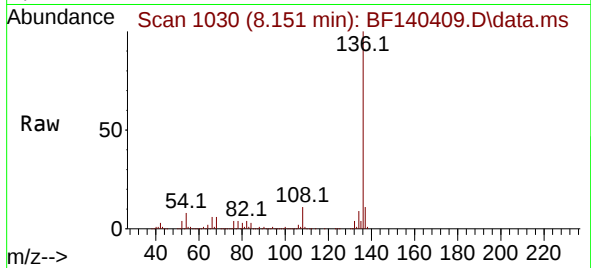


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140409.D
Acq: 15 Nov 2024 17:40

Instrument :
BNA_F
ClientSampleId :
T3-STONE

Tgt Ion:136 Resp: 443932

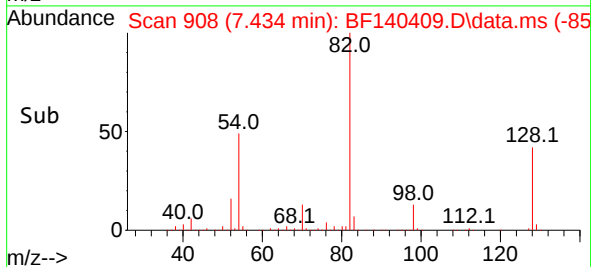
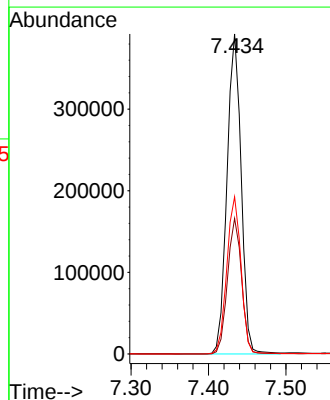
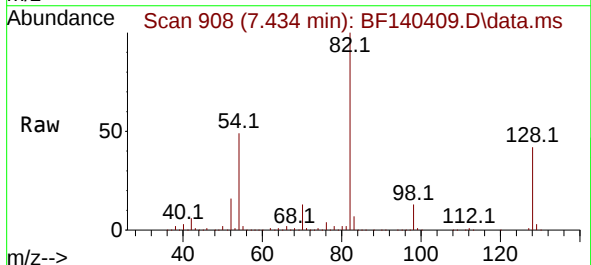
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.1	6.5	9.7
68	6.5	5.0	7.6

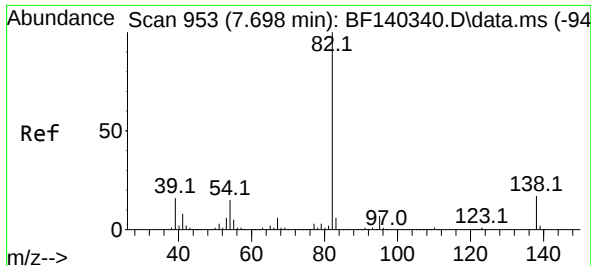


#23
Nitrobenzene-d5
Concen: 58.526 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140409.D
Acq: 15 Nov 2024 17:40

Tgt Ion: 82 Resp: 498662

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.3	49.9
54	49.1	39.8	59.8

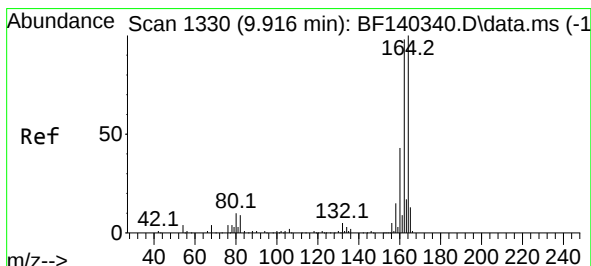
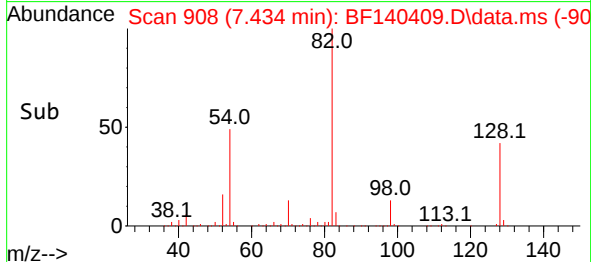
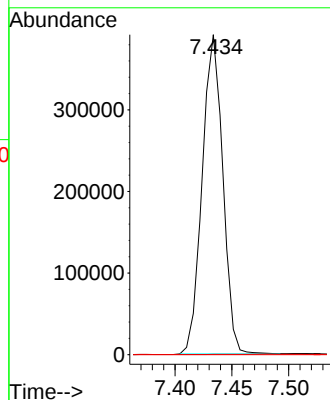
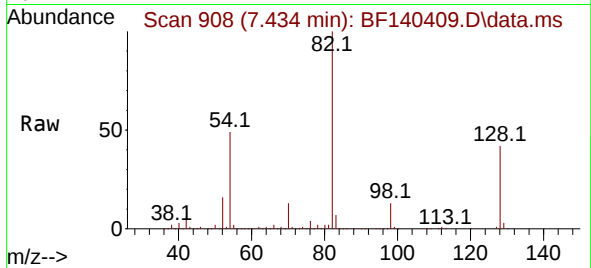




#25
Isophorone
Concen: 32.627 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140409.D
Acq: 15 Nov 2024 17:40

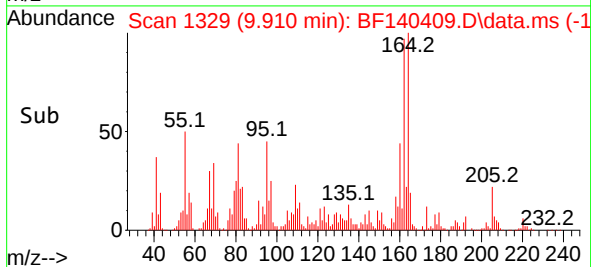
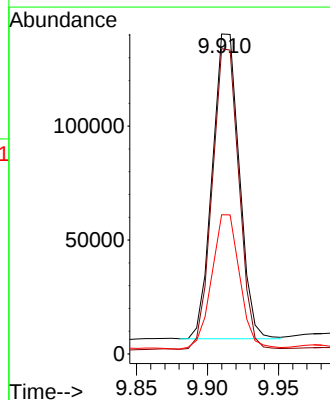
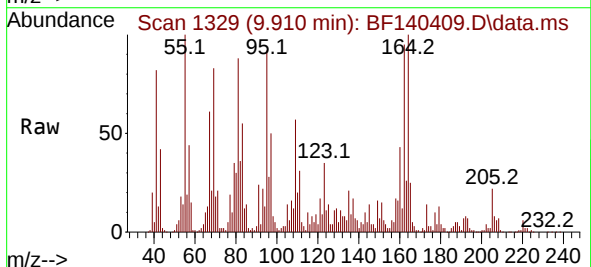
Instrument :
BNA_F
ClientSampleId :
T3-STONE

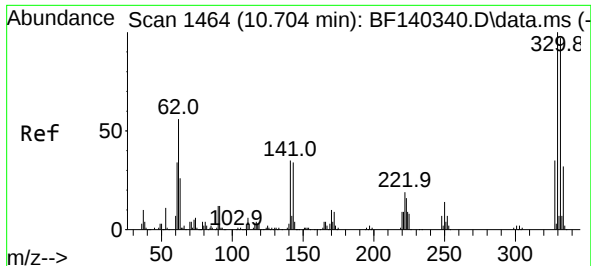
Tgt Ion: 82 Resp: 492684
Ion Ratio Lower Upper
82 100
95 0.1 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140409.D
Acq: 15 Nov 2024 17:40

Tgt Ion:164 Resp: 175809
Ion Ratio Lower Upper
164 100
162 95.4 79.8 119.8
160 43.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 79.770 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.012 min

Lab File: BF140409.D

Acq: 15 Nov 2024 17:40

Instrument :

BNA_F

ClientSampleId :

T3-STONE

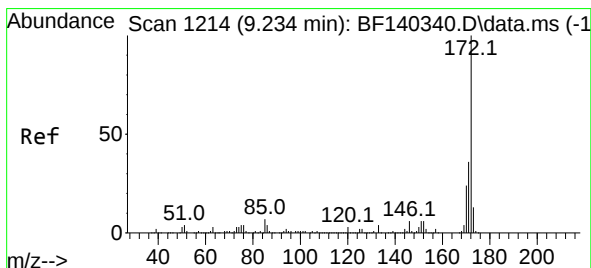
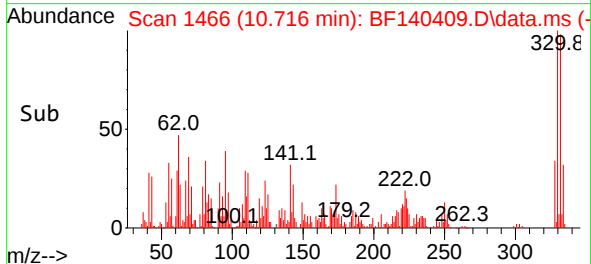
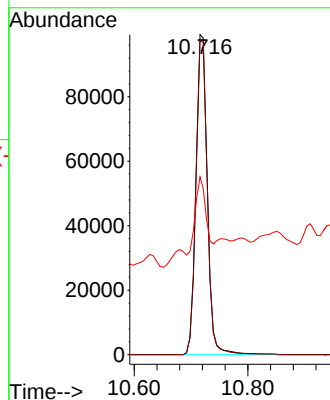
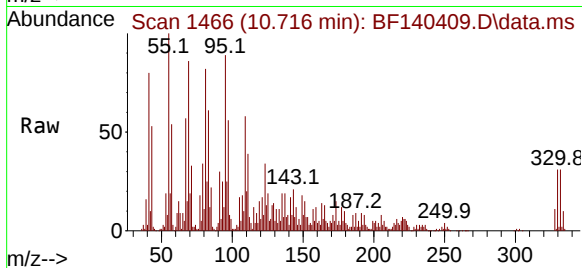
Tgt Ion:330 Resp: 139461

Ion Ratio Lower Upper

330 100

332 98.1 75.9 113.9

141 22.8 26.9 40.3#



#45

2-Fluorobiphenyl

Concen: 77.986 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140409.D

Acq: 15 Nov 2024 17:40

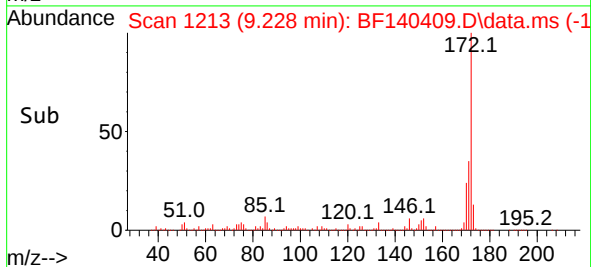
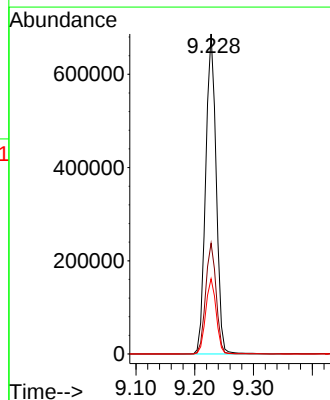
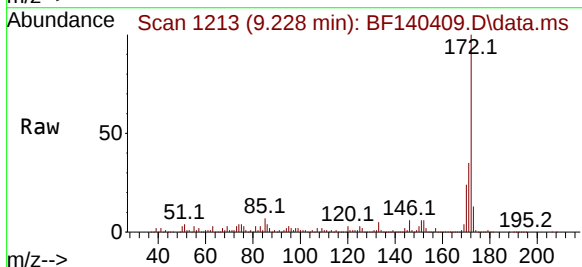
Tgt Ion:172 Resp: 852890

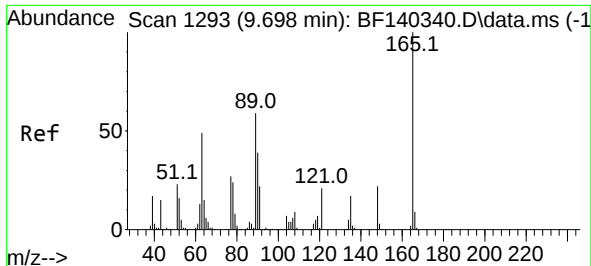
Ion Ratio Lower Upper

172 100

171 34.6 28.5 42.7

170 23.5 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 14.319 ng

RT: 9.663 min Scan# 1

Delta R.T. -0.035 min

Lab File: BF140409.D

Acq: 15 Nov 2024 17:40

Instrument :

BNA_F

ClientSampleId :

T3-STONE

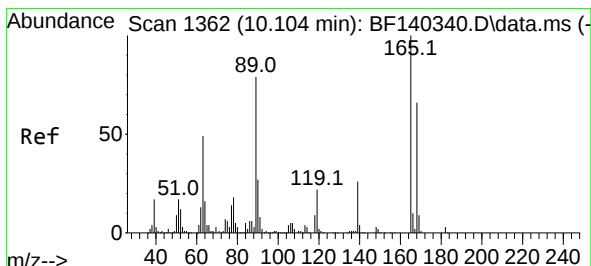
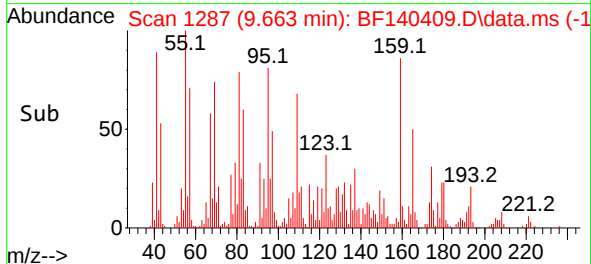
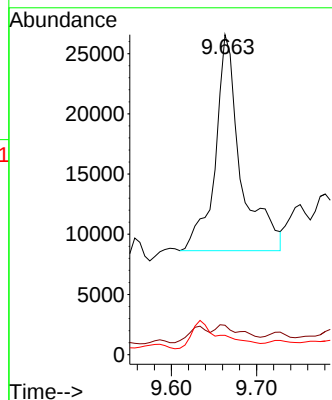
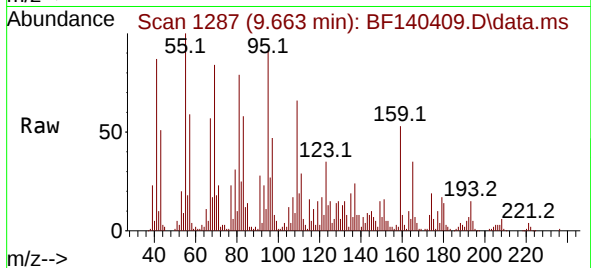
Tgt Ion:165 Resp: 37409

Ion Ratio Lower Upper

165 100

63 9.2 47.6 71.4#

89 6.1 48.1 72.1#



#57

2,4-Dinitrotoluene

Concen: 2.264 ng

RT: 10.069 min Scan# 1356

Delta R.T. -0.035 min

Lab File: BF140409.D

Acq: 15 Nov 2024 17:40

Tgt Ion:165 Resp: 7784

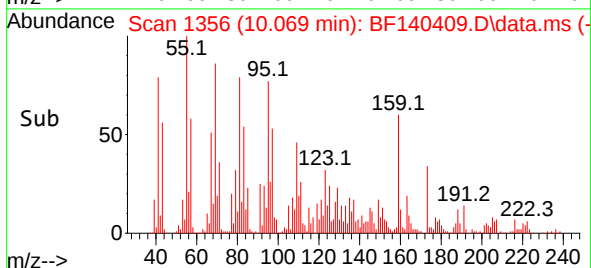
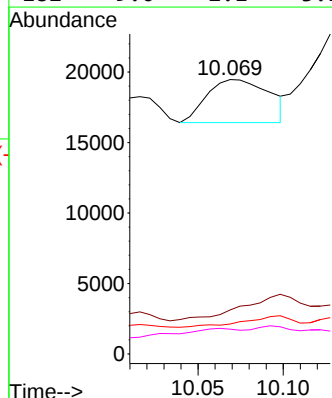
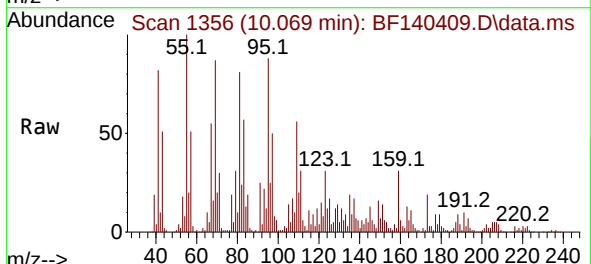
Ion Ratio Lower Upper

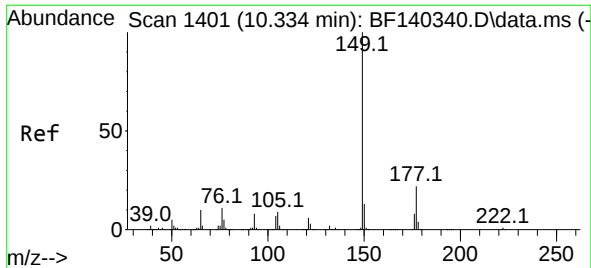
165 100

63 16.1 39.4 59.0#

89 10.9 62.4 93.6#

182 9.0 2.1 3.1#

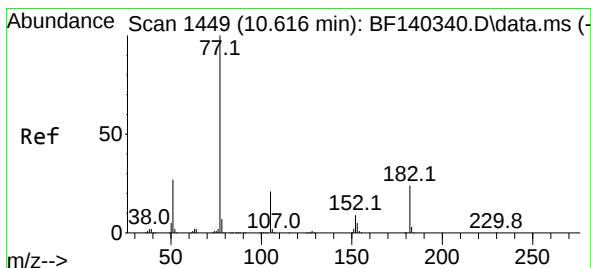
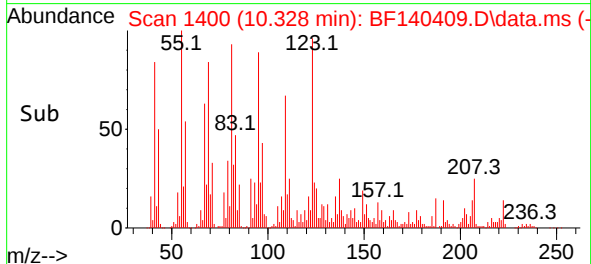
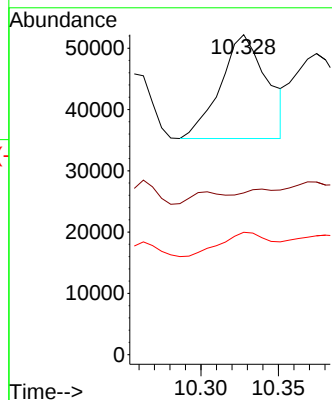
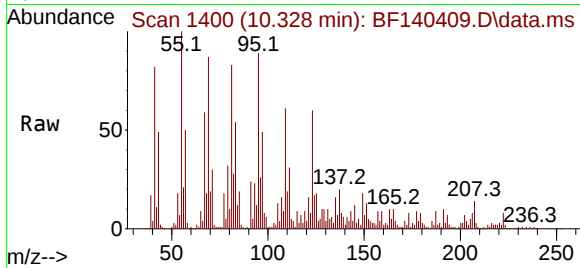




#60
Diethylphthalate
Concen: 3.019 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140409.D
Acq: 15 Nov 2024 17:40

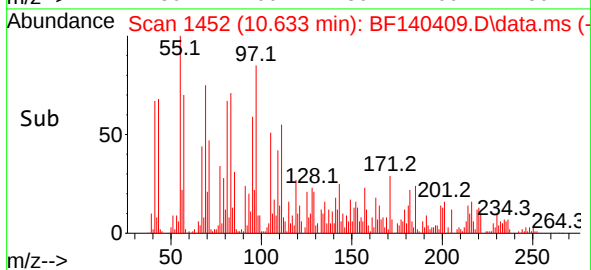
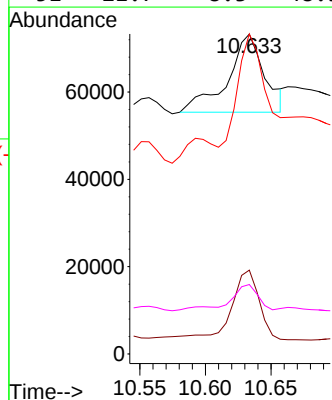
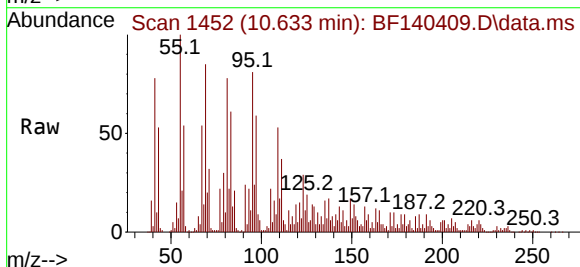
Instrument :
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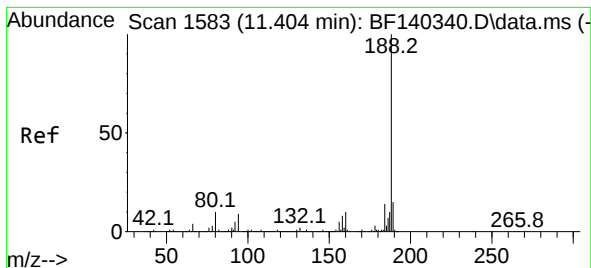
Tgt Ion:149 Resp: 35376
Ion Ratio Lower Upper
149 100
177 50.6 17.5 26.3#
150 38.3 10.1 15.1#



#63
Azobenzene
Concen: 3.013 ng
RT: 10.633 min Scan# 1452
Delta R.T. 0.018 min
Lab File: BF140409.D
Acq: 15 Nov 2024 17:40

Tgt Ion: 77 Resp: 34887
Ion Ratio Lower Upper
77 100
182 26.2 4.6 44.6
105 100.1 0.9 40.9#
51 21.7 8.3 48.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 11

Delta R.T. 0.024 min

Lab File: BF140409.D

Acq: 15 Nov 2024 17:40

Instrument :

BNA_F

ClientSampleId :

T3-STONE

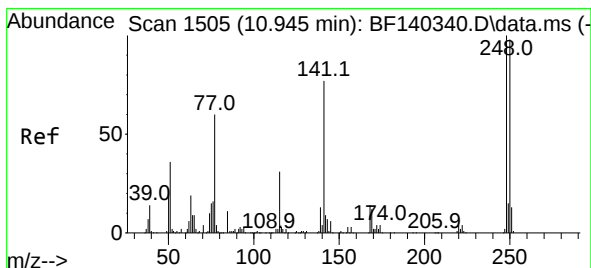
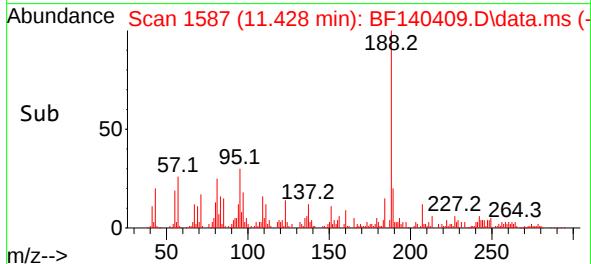
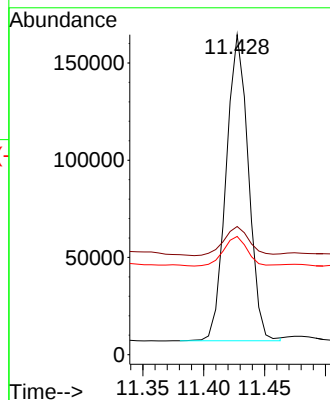
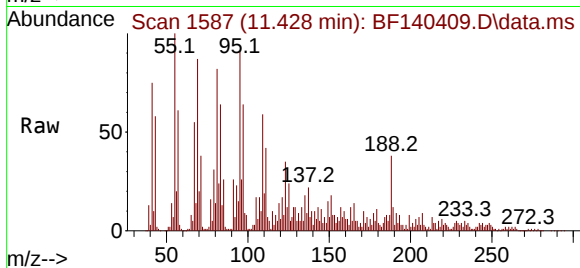
Tgt Ion:188 Resp: 200568

Ion Ratio Lower Upper

188 100

94 40.1 7.6 11.4#

80 36.9 8.0 12.0#



#67

4-Bromophenyl-phenylether

Concen: 2.561 ng

RT: 11.051 min Scan# 1523

Delta R.T. 0.106 min

Lab File: BF140409.D

Acq: 15 Nov 2024 17:40

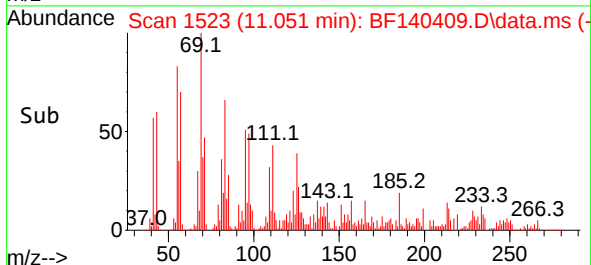
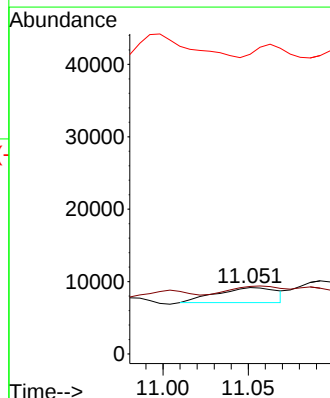
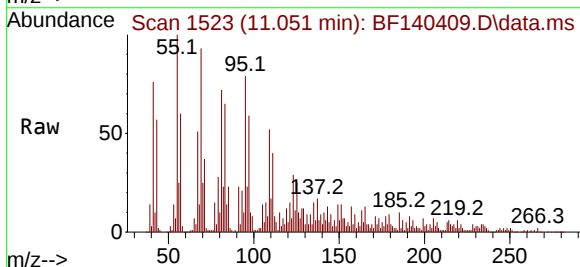
Tgt Ion:248 Resp: 5135

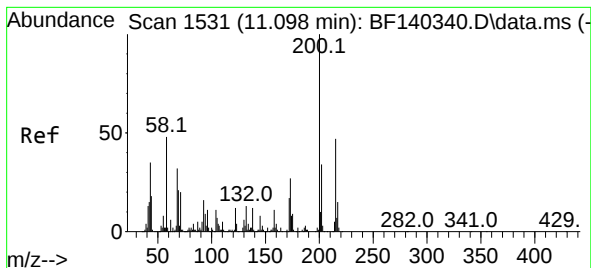
Ion Ratio Lower Upper

248 100

250 101.7 77.9 116.9

141 451.0 61.8 92.6#





#69

Atrazine

Concen: 4.477 ng

RT: 11.122 min Scan# 1

Delta R.T. 0.024 min

Lab File: BF140409.D

Acq: 15 Nov 2024 17:40

Instrument :

BNA_F

ClientSampleId :

T3-STONE

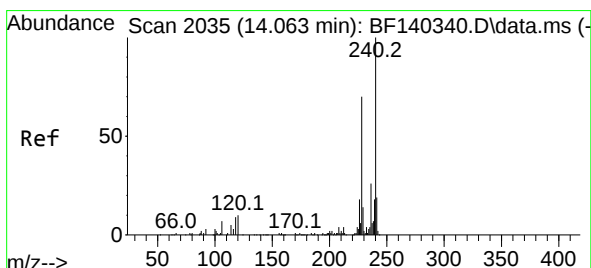
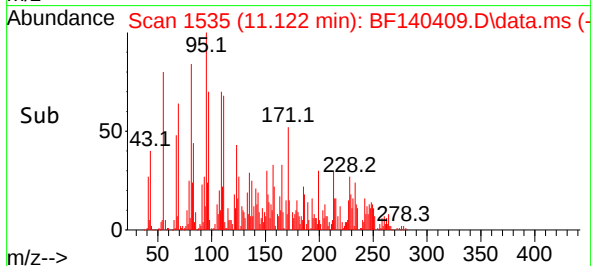
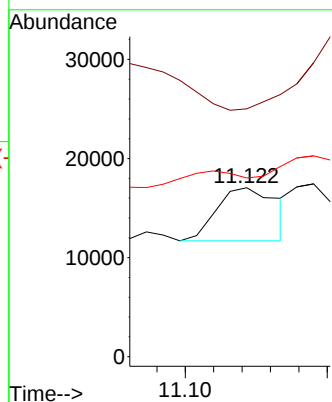
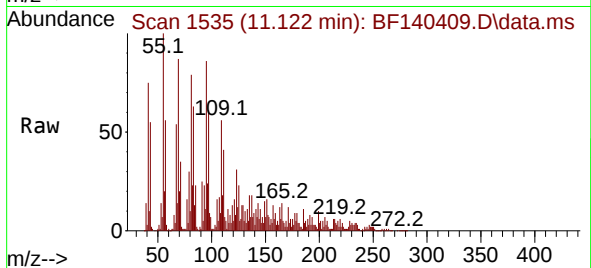
Tgt Ion:200 Resp: 7849

Ion Ratio Lower Upper

200 100

173 146.7 6.6 46.6#

215 105.8 27.2 67.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.035 min

Lab File: BF140409.D

Acq: 15 Nov 2024 17:40

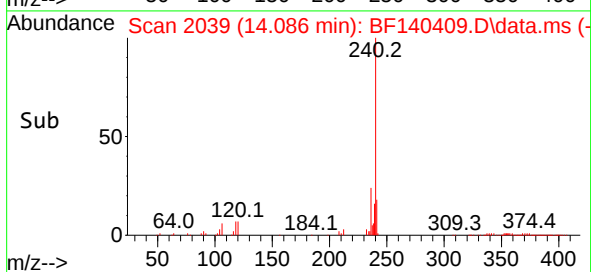
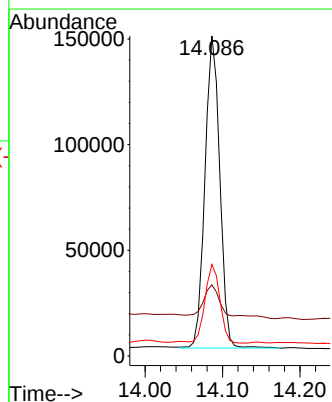
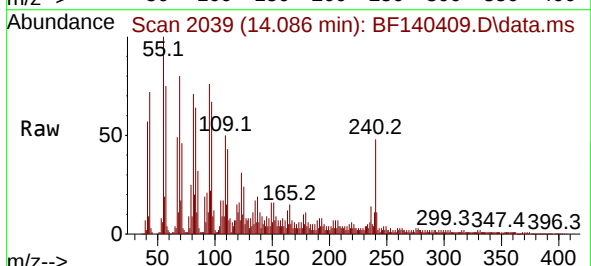
Tgt Ion:240 Resp: 196853

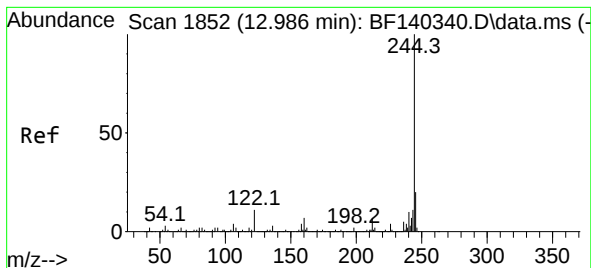
Ion Ratio Lower Upper

240 100

120 22.3 8.8 13.2#

236 28.6 20.9 31.3





#79

Terphenyl-d14

Concen: 51.675 ng

RT: 13.027 min Scan# 1852

Delta R.T. 0.041 min

Lab File: BF140409.D

Acq: 15 Nov 2024 17:40

Instrument :

BNA_F

ClientSampleId :

T3-STONE

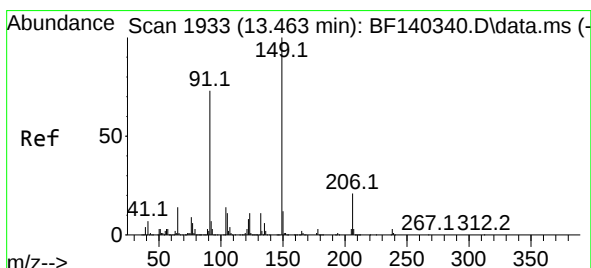
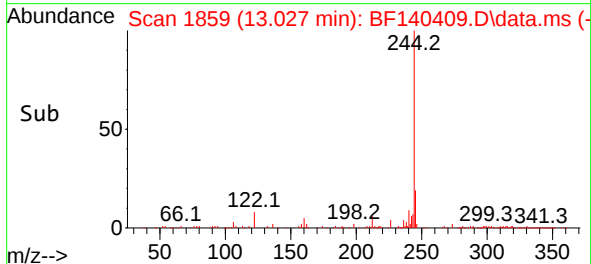
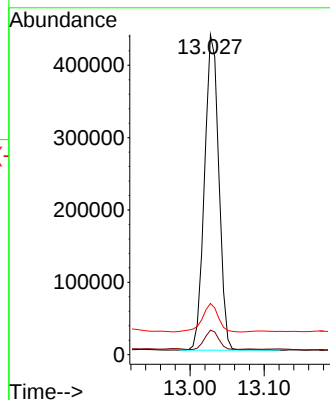
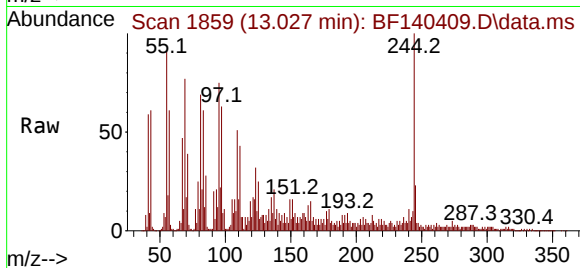
Tgt Ion:244 Resp: 586034

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

122 16.0 8.8 13.2#



#80

Butylbenzylphthalate

Concen: 2.669 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.006 min

Lab File: BF140409.D

Acq: 15 Nov 2024 17:40

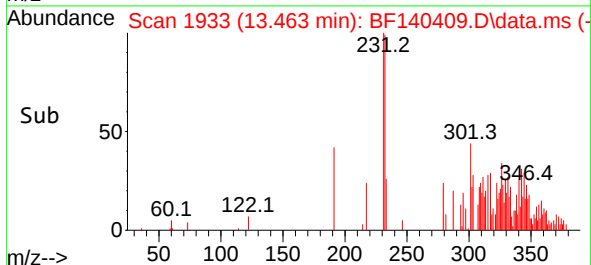
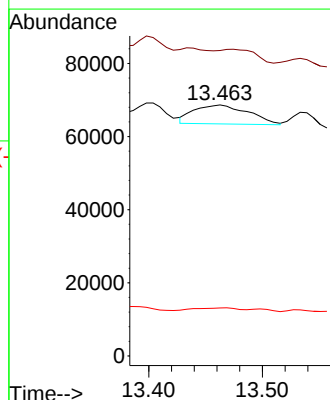
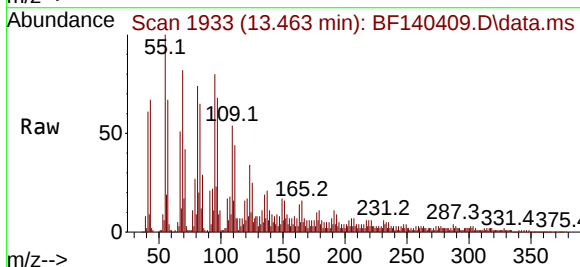
Tgt Ion:149 Resp: 17262

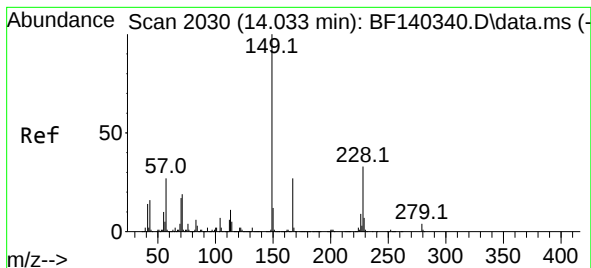
Ion Ratio Lower Upper

149 100

91 121.6 61.0 91.4#

206 19.1 16.1 24.1

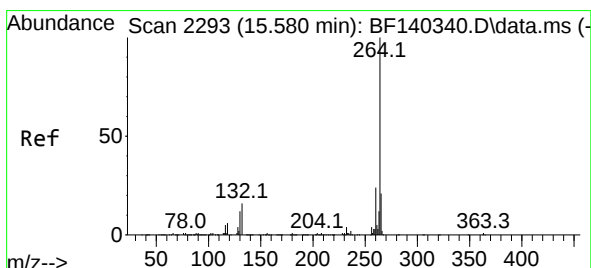
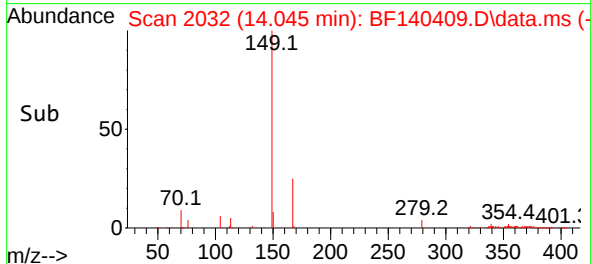
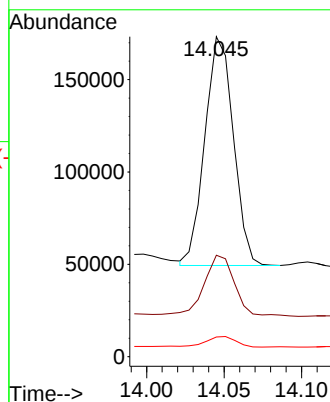
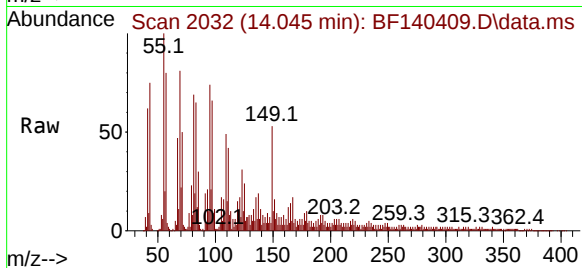




#84
Bis(2-ethylhexyl)phthalate
Concen: 18.372 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.023 min
Lab File: BF140409.D
Acq: 15 Nov 2024 17:40

Instrument :
BNA_F
ClientSampleId :
T3-STONE

Tgt Ion:149 Resp: 158620
Ion Ratio Lower Upper
149 100
167 31.7 21.4 32.0
279 6.2 3.0 4.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF140409.D
Acq: 15 Nov 2024 17:40

Tgt Ion:264 Resp: 171131
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 22.1 17.1 25.7

