

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
 Data File : BF140410.D
 Acq On : 15 Nov 2024 18:06
 Operator : RC/JU
 Sample : P4835-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 345-2-STONE

Quant Time: Nov 15 18:30:16 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)

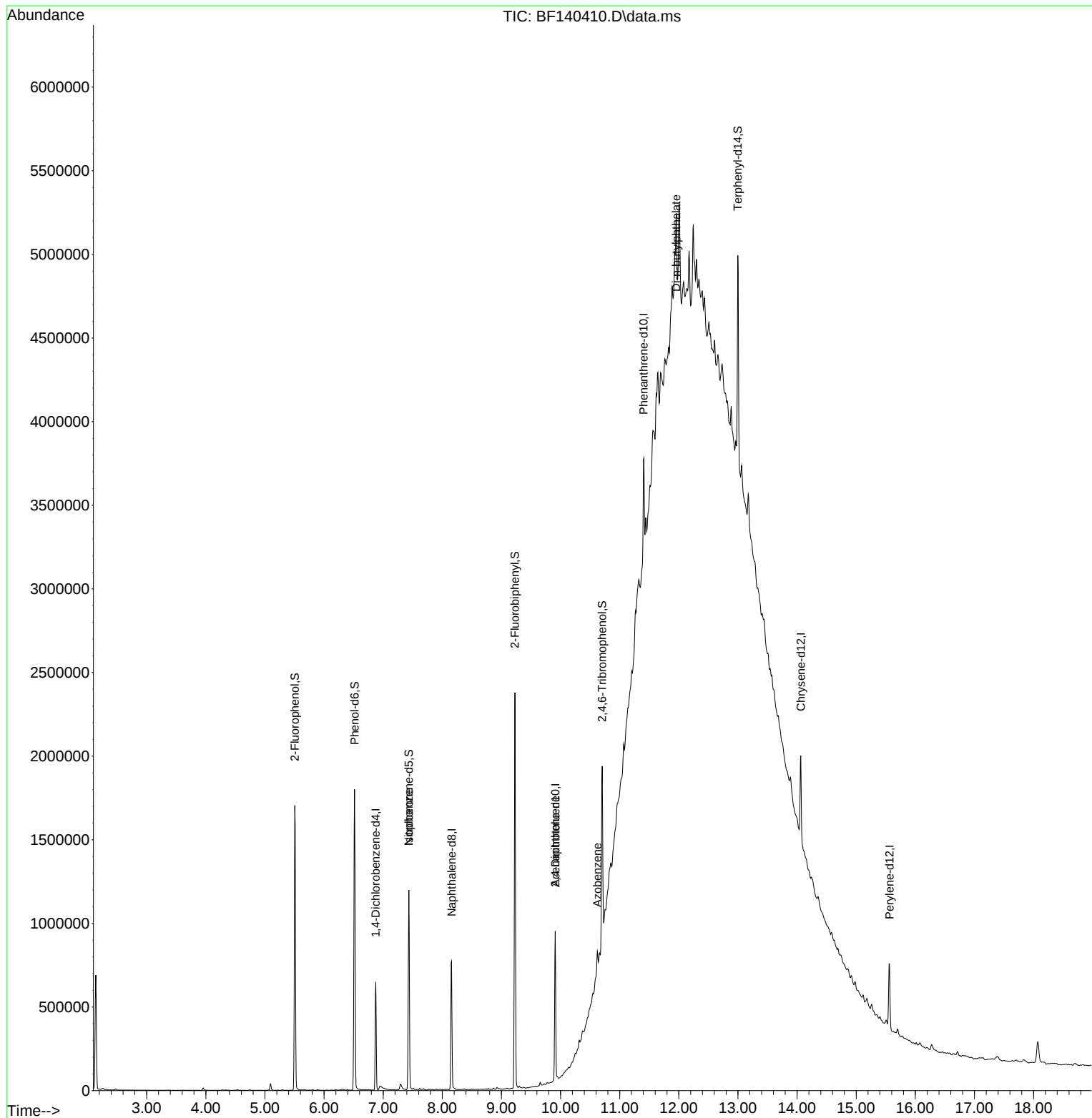
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	135820	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	503744	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	256309	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	326036	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	251700	20.000	ng	0.01
86) Perylene-d12	15.562	264	234692	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	637363	80.123	ng	0.01
7) Phenol-d6	6.516	99	849601	78.831	ng	0.01
23) Nitrobenzene-d5	7.434	82	548977	56.781	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	184992	72.580	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1029955	64.598	ng	0.00
79) Terphenyl-d14	12.998	244	702745	48.463	ng	0.01
Target Compounds						
						Qvalue
25) Isophorone	7.434	82	538060	31.401	ng	# 67
57) 2,4-Dinitrotoluene	9.910	165	34712	6.925	ng	# 20
63) Azobenzene	10.622	77	42185	2.499	ng	# 7
74) Di-n-butylphthalate	11.957	149	41667	2.342	ng	# 26

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

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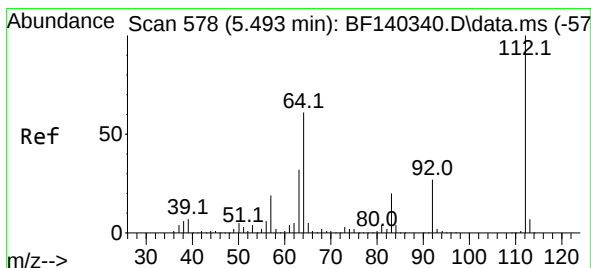
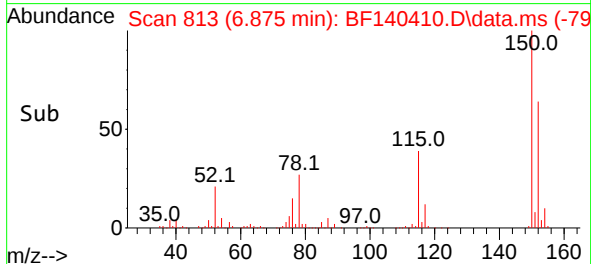
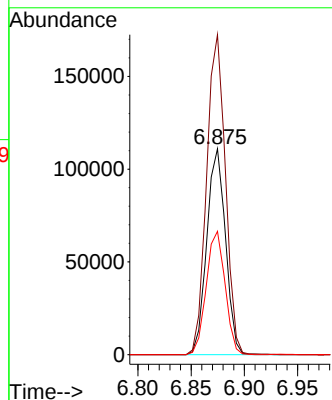
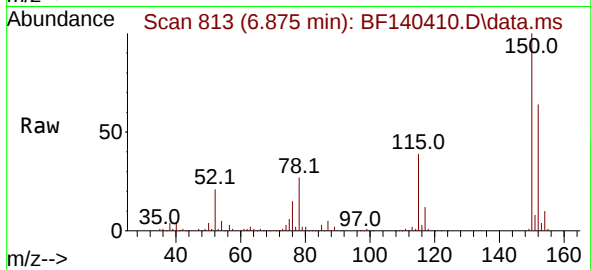




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140410.D
Acq: 15 Nov 2024 18:06

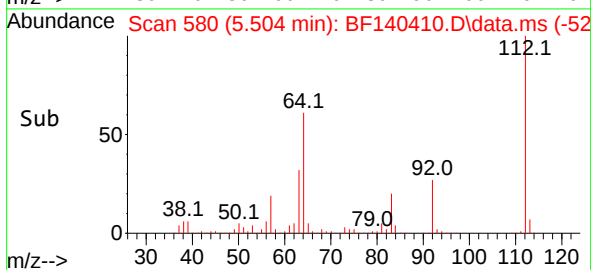
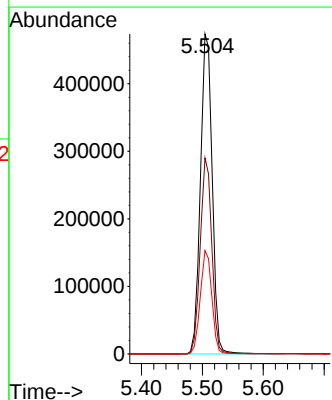
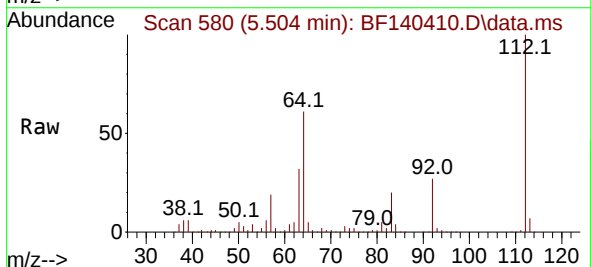
Instrument :
BNA_F
ClientSampleId :
345-2-STONE

Tgt Ion:152 Resp: 135820
Ion Ratio Lower Upper
152 100
150 155.4 127.4 191.0
115 59.9 47.4 71.2



#5
2-Fluorophenol
Concen: 80.123 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140410.D
Acq: 15 Nov 2024 18:06

Tgt Ion:112 Resp: 637363
Ion Ratio Lower Upper
112 100
64 61.2 49.2 73.8
63 32.3 25.6 38.4

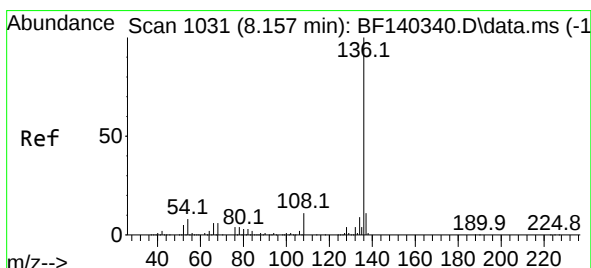
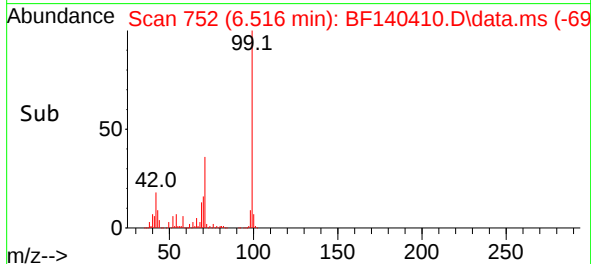
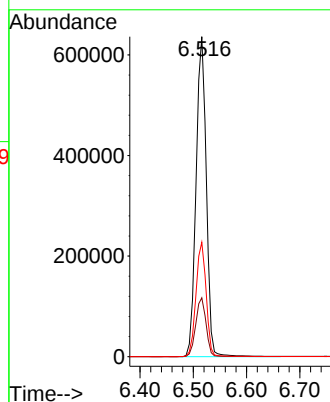
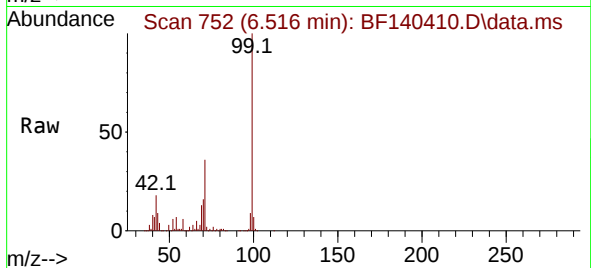




#7
Phenol-d6
Concen: 78.831 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140410.D
Acq: 15 Nov 2024 18:06

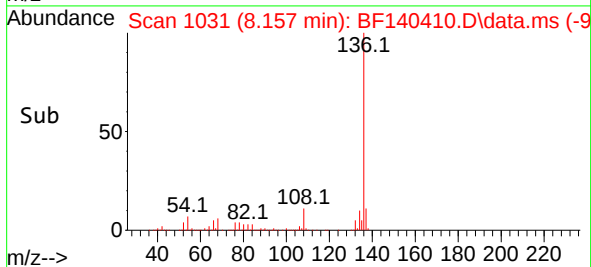
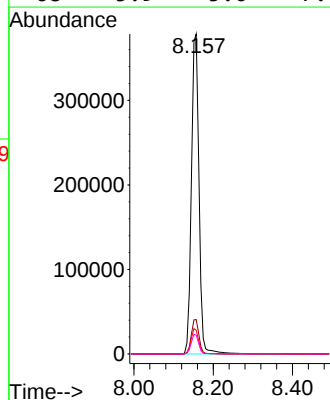
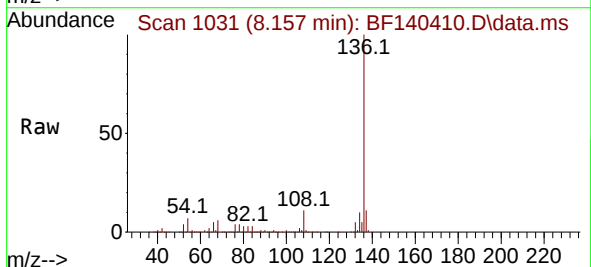
Instrument :
BNA_F
ClientSampleId :
345-2-STONE

Tgt Ion: 99 Resp: 849601
Ion Ratio Lower Upper
99 100
42 18.4 15.1 22.7
71 35.8 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140410.D
Acq: 15 Nov 2024 18:06

Tgt Ion: 136 Resp: 503744
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.5 6.5 9.7
68 5.9 5.0 7.6





#23

Nitrobenzene-d5

Concen: 56.781 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF140410.D

Acq: 15 Nov 2024 18:06

Instrument :

BNA_F

ClientSampleId :

345-2-STONE

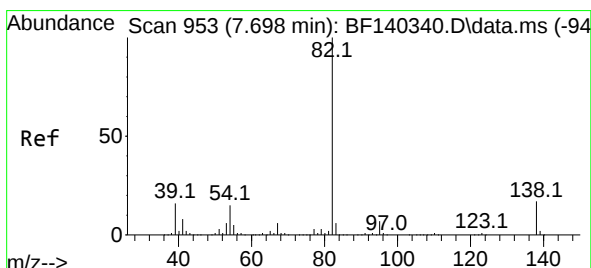
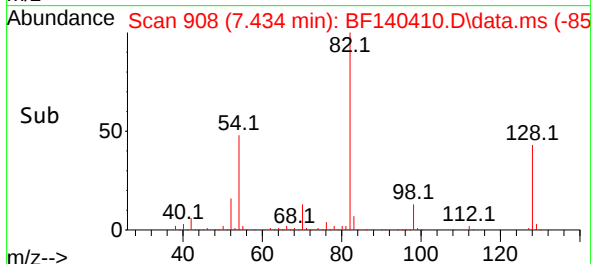
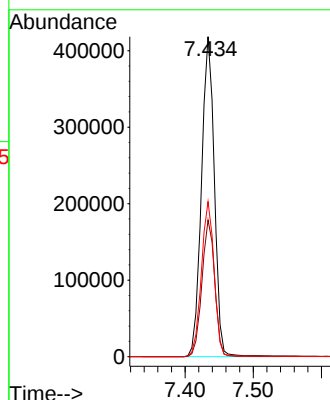
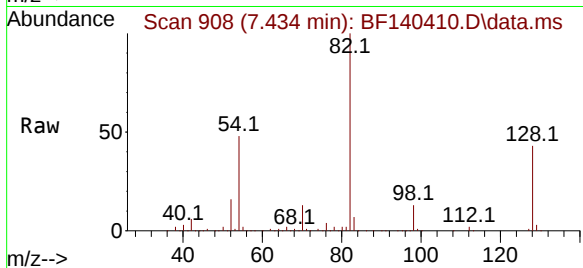
Tgt Ion: 82 Resp: 548977

Ion Ratio Lower Upper

82 100

128 42.7 33.3 49.9

54 48.5 39.8 59.8



#25

Isophorone

Concen: 31.401 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.265 min

Lab File: BF140410.D

Acq: 15 Nov 2024 18:06

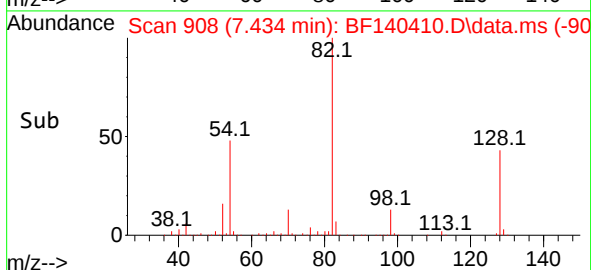
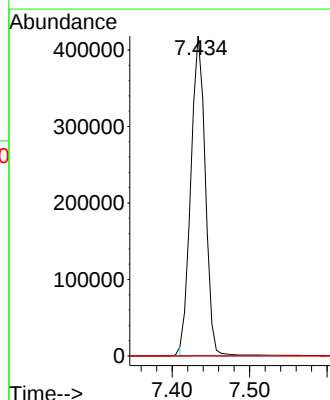
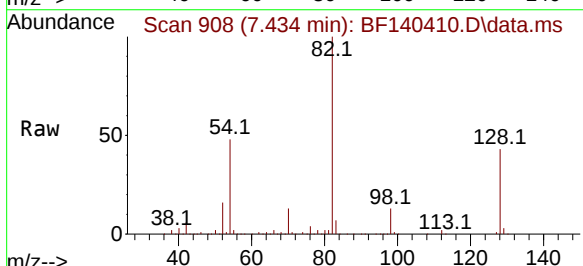
Tgt Ion: 82 Resp: 538060

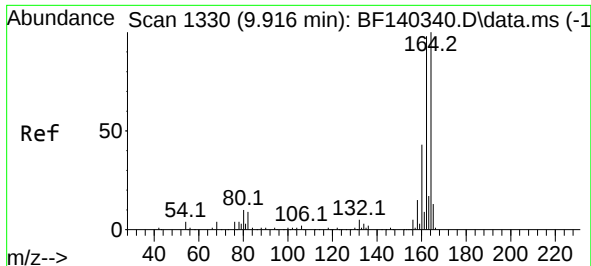
Ion Ratio Lower Upper

82 100

95 0.1 5.9 8.9#

138 0.0 13.4 20.2#

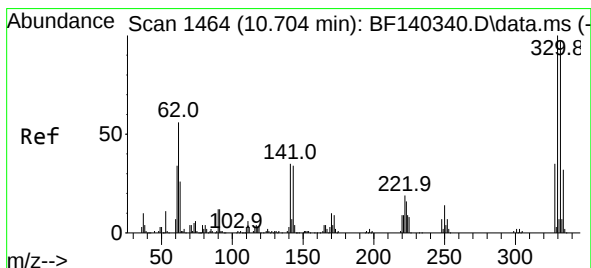
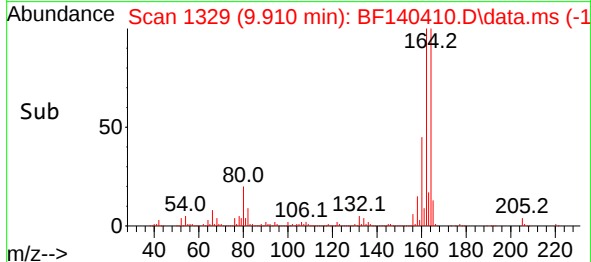
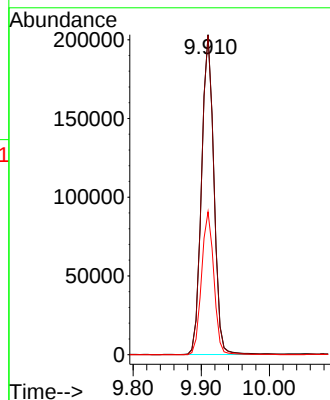
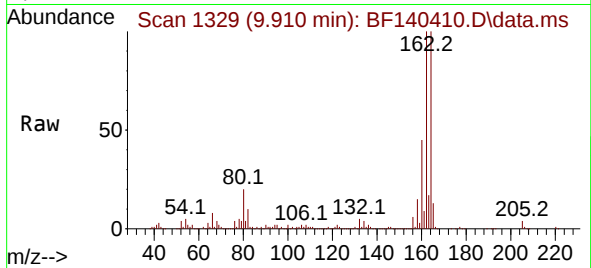




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140410.D
Acq: 15 Nov 2024 18:06

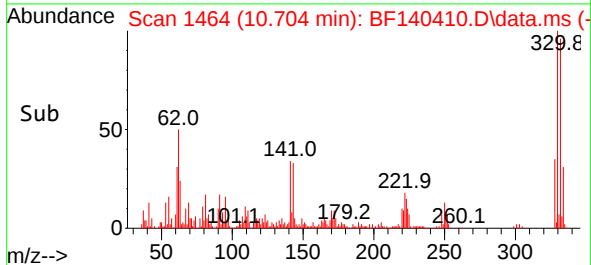
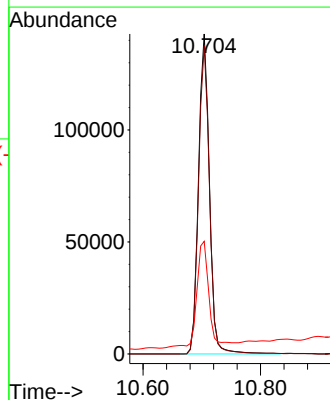
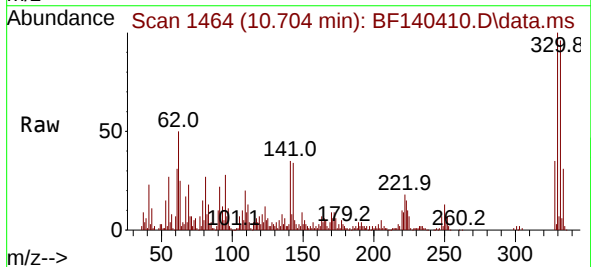
Instrument :
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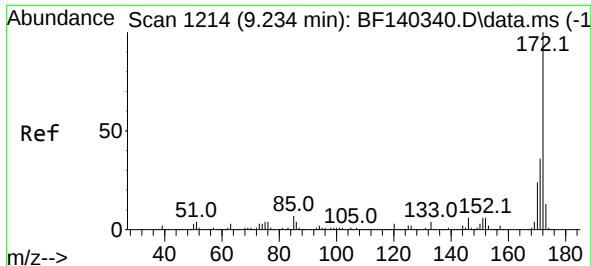
Tgt Ion:164 Resp: 256309
Ion Ratio Lower Upper
164 100
162 99.8 79.8 119.8
160 44.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 72.580 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140410.D
Acq: 15 Nov 2024 18:06

Tgt Ion:330 Resp: 184992
Ion Ratio Lower Upper
330 100
332 96.3 75.9 113.9
141 38.3 26.9 40.3

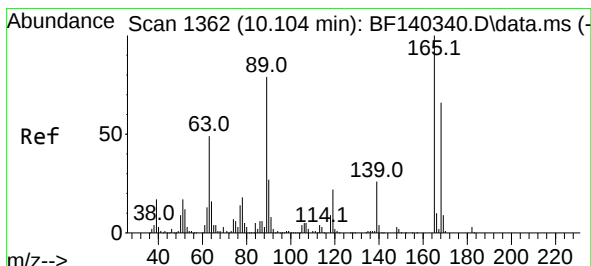
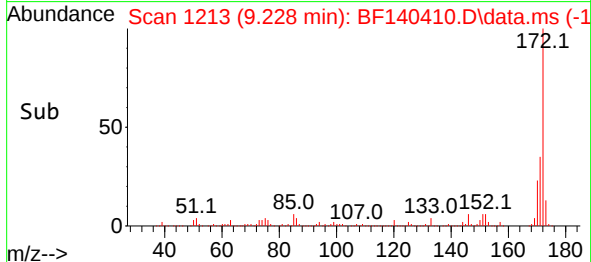
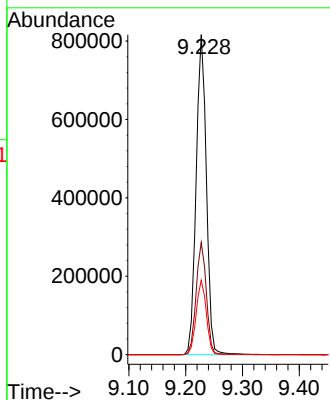
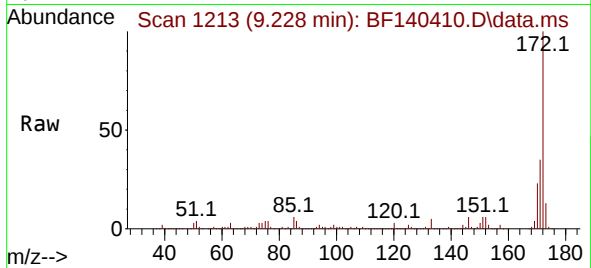




#45
2-Fluorobiphenyl
Concen: 64.598 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140410.D
Acq: 15 Nov 2024 18:06

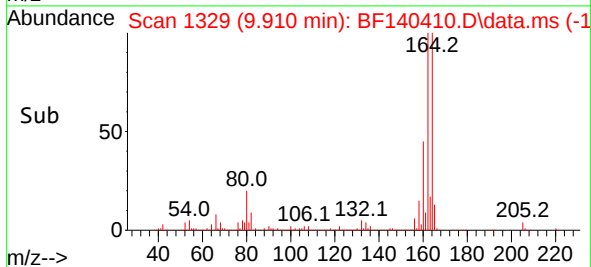
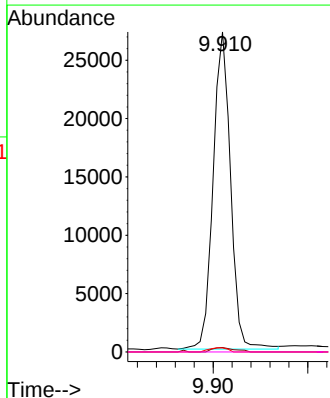
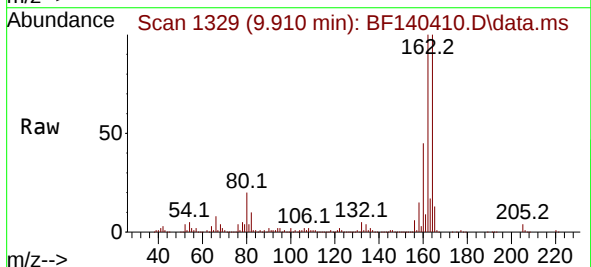
Instrument :
BNA_F
ClientSampleId :
345-2-STONE

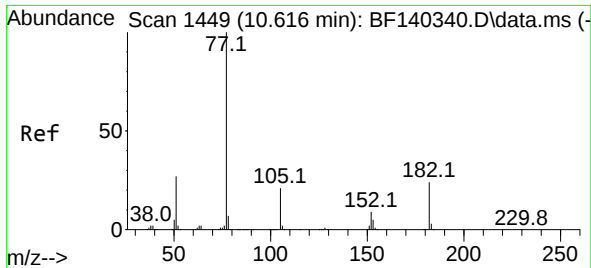
Tgt Ion:172 Resp: 1029955
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.3 19.1 28.7



#57
2,4-Dinitrotoluene
Concen: 6.925 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140410.D
Acq: 15 Nov 2024 18:06

Tgt Ion:165 Resp: 34712
Ion Ratio Lower Upper
165 100
63 1.4 39.4 59.0#
89 1.2 62.4 93.6#
182 0.0 2.1 3.1#

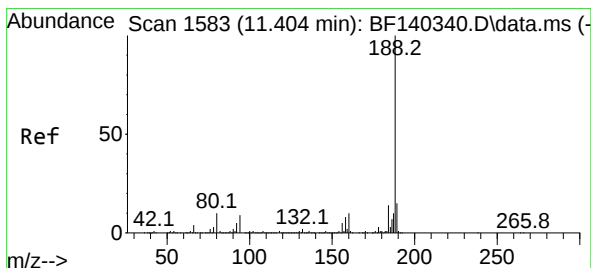
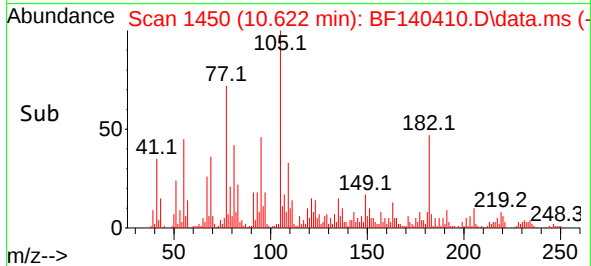
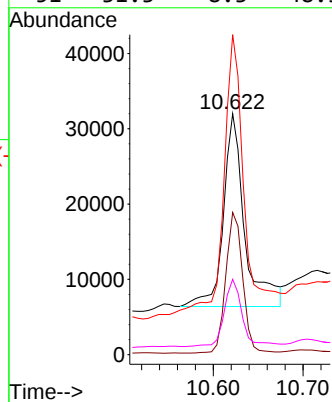
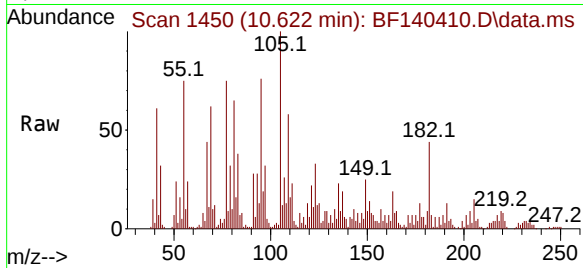




#63
Azobenzene
Concen: 2.499 ng
RT: 10.622 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF140410.D
Acq: 15 Nov 2024 18:06

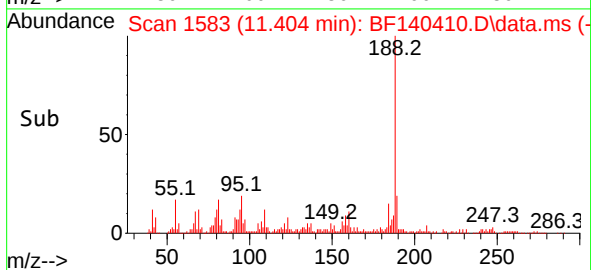
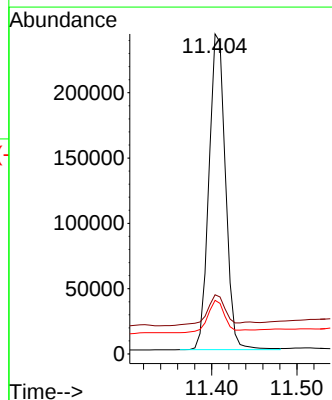
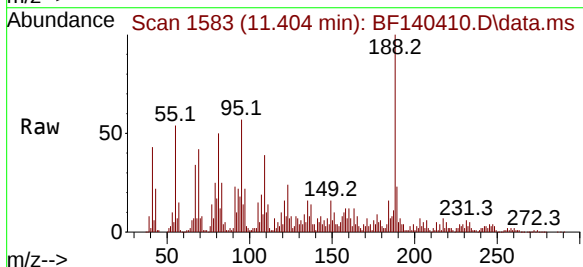
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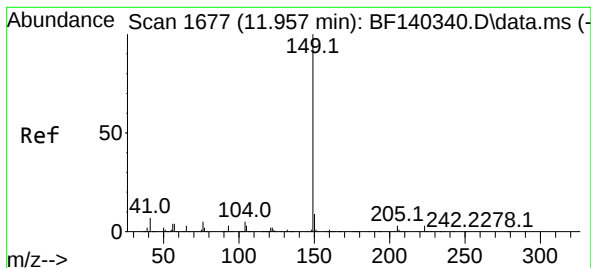
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Ion Ratio	Lower Upper
77 100	
182 59.0	4.6 44.6#
105 132.8	0.9 40.9#
51 31.3	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140410.D
Acq: 15 Nov 2024 18:06

Tgt Ion: 188	Resp: 326036
Ion Ratio	Lower Upper
188 100	
94 18.5	7.6 11.4#
80 16.8	8.0 12.0#

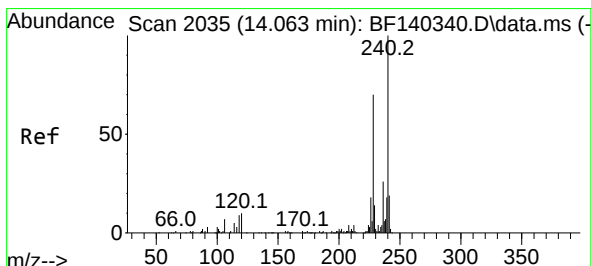
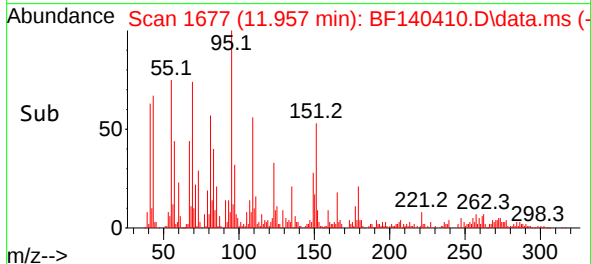
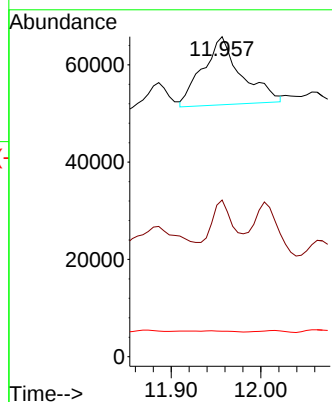
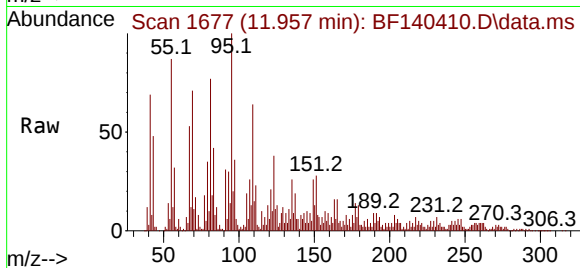




#74
Di-n-butylphthalate
Concen: 2.342 ng
RT: 11.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140410.D
Acq: 15 Nov 2024 18:06

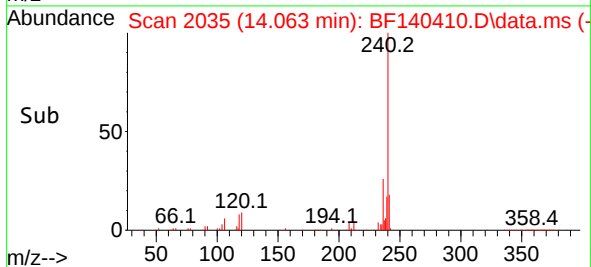
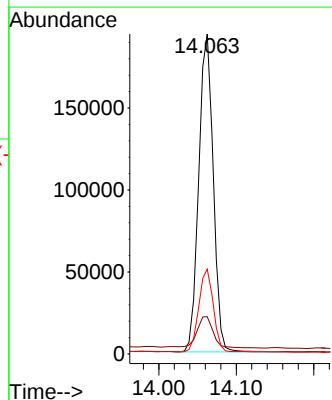
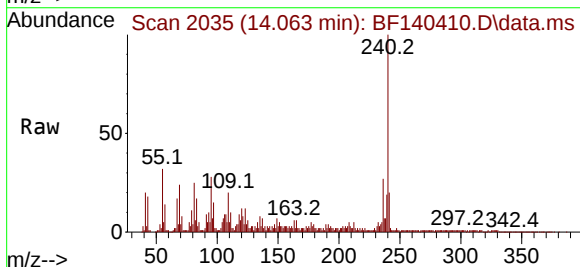
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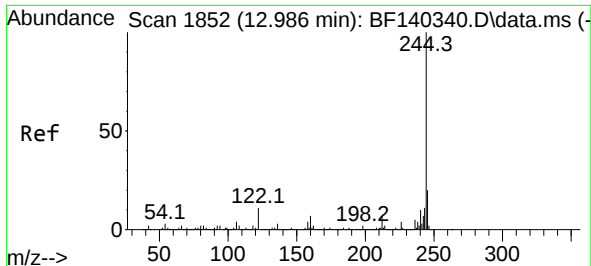
Tgt Ion:149 Resp: 41667
Ion Ratio Lower Upper
149 100
150 49.0 7.4 11.2#
104 8.0 4.0 6.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.012 min
Lab File: BF140410.D
Acq: 15 Nov 2024 18:06

Tgt Ion:240 Resp: 251700
Ion Ratio Lower Upper
240 100
120 11.7 8.8 13.2
236 26.5 20.9 31.3

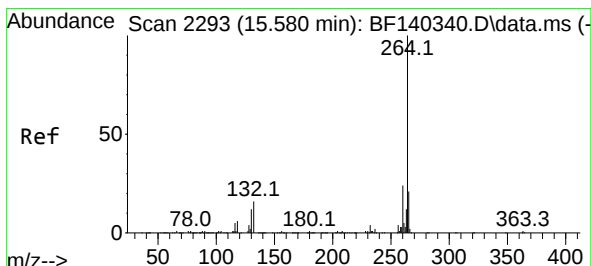
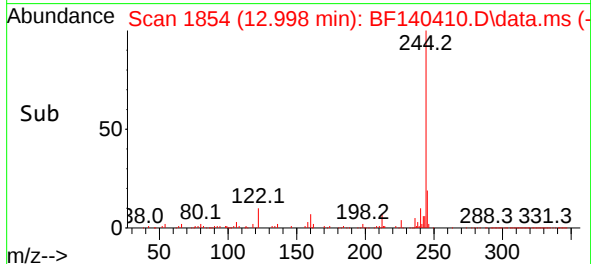
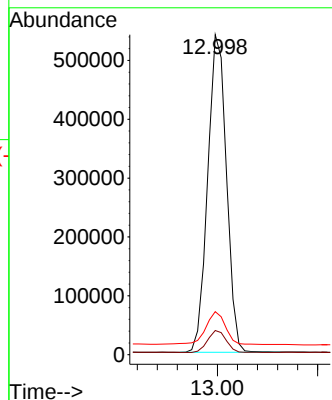
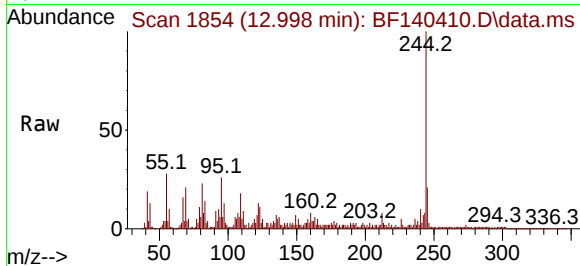




#79
 Terphenyl-d14
 Concen: 48.463 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.012 min
 Lab File: BF140410.D
 Acq: 15 Nov 2024 18:06

Instrument :
 BNA_F
 ClientSampleId :
 345-2-STONE

Tgt Ion:244 Resp: 702745
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 13.5 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2290
 Delta R.T. 0.006 min
 Lab File: BF140410.D
 Acq: 15 Nov 2024 18:06

Tgt Ion:264 Resp: 234692
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 21.4 17.1 25.7

