

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
 Data File : BF140438.D
 Acq On : 16 Nov 2024 18:53
 Operator : RC/JU
 Sample : P4768-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4

Quant Time: Nov 18 00:09:31 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)

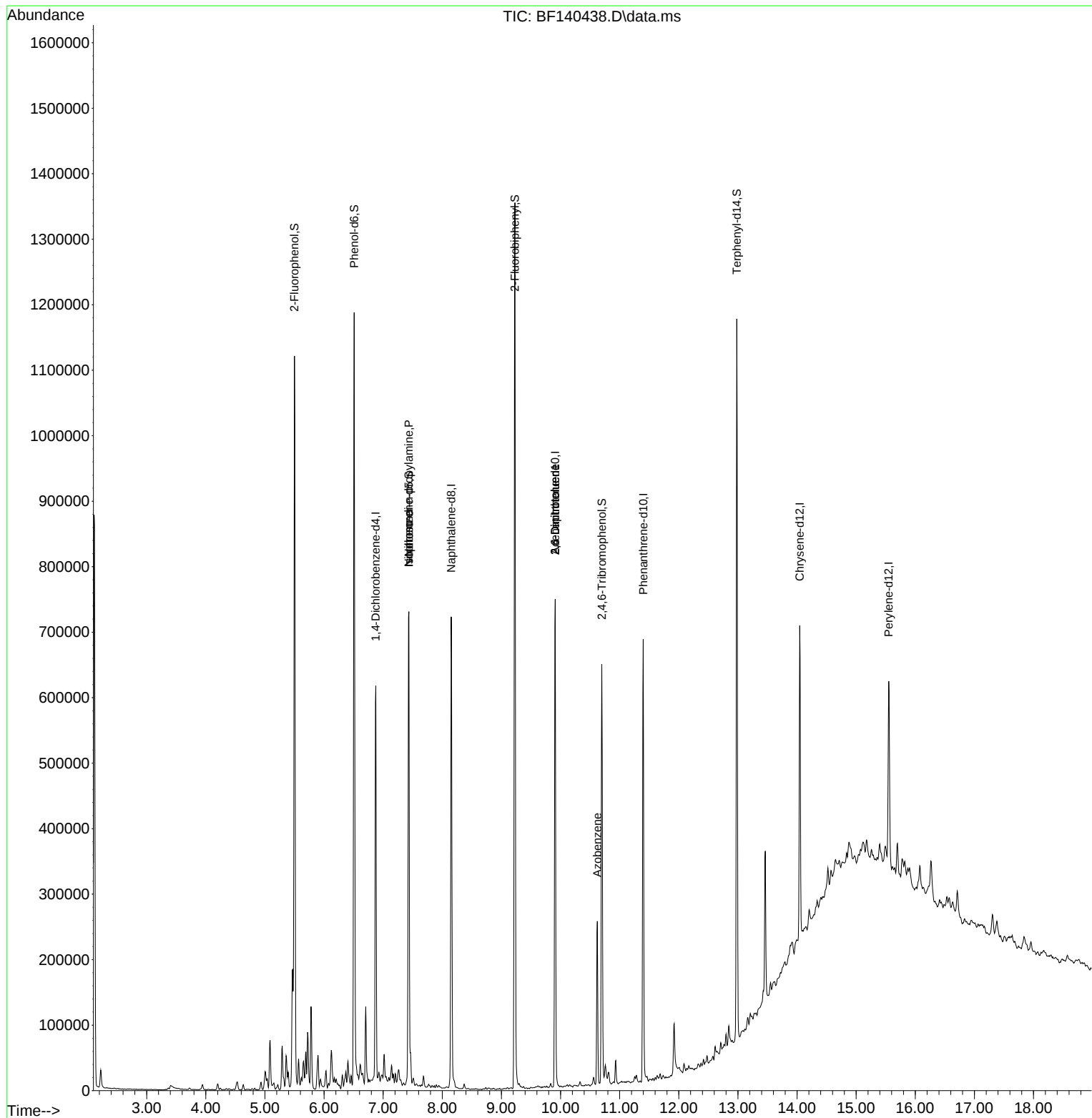
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	126758	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	464845	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	232288	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	359240	20.000	ng	0.00
76) Chrysene-d12	14.045	240	227936	20.000	ng	0.00
86) Perylene-d12	15.551	264	171121	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	422969	56.972	ng	0.00
7) Phenol-d6	6.510	99	553687	55.047	ng	0.00
23) Nitrobenzene-d5	7.434	82	338637	37.957	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	107387	46.489	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	638091	44.159	ng	0.00
79) Terphenyl-d14	12.980	244	531497	40.475	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.434	70	47643	7.843	ng	# 77
25) Isophorone	7.434	82	332665	21.039	ng	# 67
51) 2,6-Dinitrotoluene	9.910	165	29773	8.626	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	29773	6.554	ng	# 20
63) Azobenzene	10.622	77	64786	4.235	ng	# 1

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

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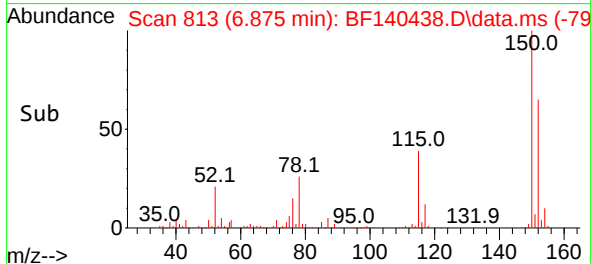
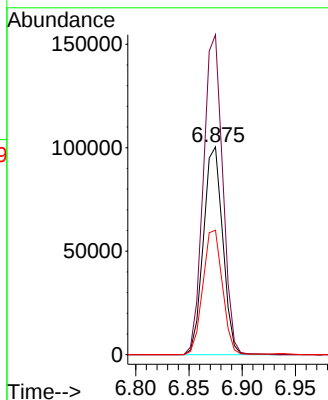
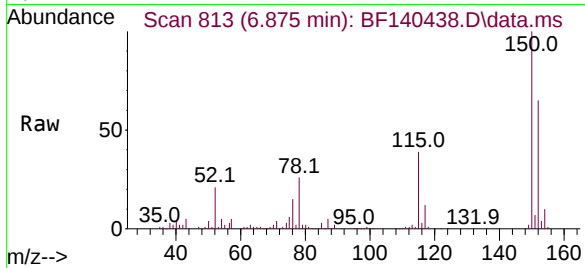




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140438.D
Acq: 16 Nov 2024 18:53

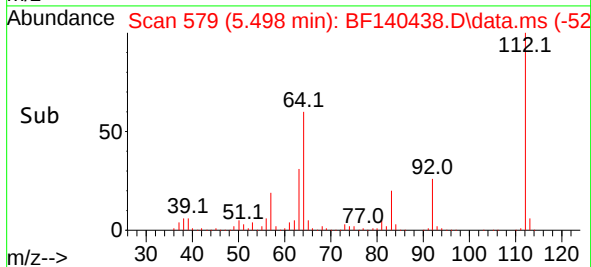
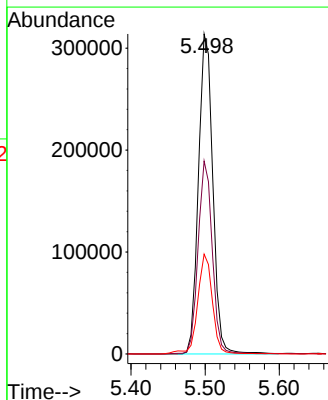
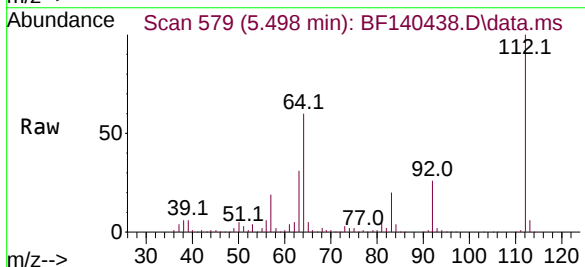
Instrument :
BNA_F
ClientSampleId :
B-4

Tgt Ion:152 Resp: 126758
Ion Ratio Lower Upper
152 100
150 154.0 127.4 191.0
115 59.9 47.4 71.2



#5
2-Fluorophenol
Concen: 56.972 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF140438.D
Acq: 16 Nov 2024 18:53

Tgt Ion:112 Resp: 422969
Ion Ratio Lower Upper
112 100
64 60.3 49.2 73.8
63 31.2 25.6 38.4





#7

Phenol-d6

Concen: 55.047 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140438.D

Acq: 16 Nov 2024 18:53

Instrument :

BNA_F

ClientSampleId :

B-4

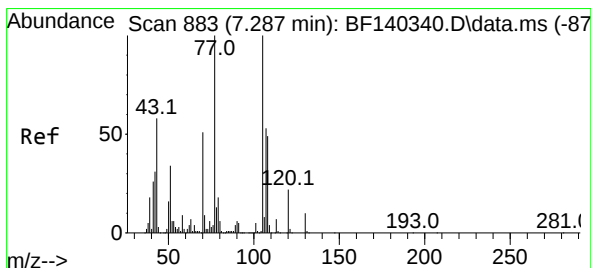
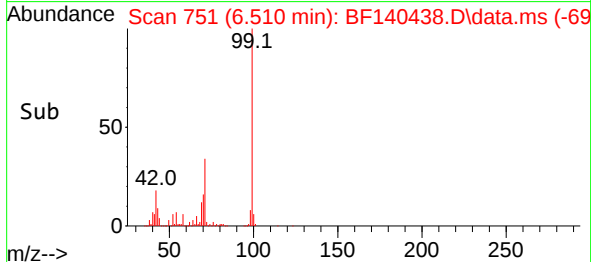
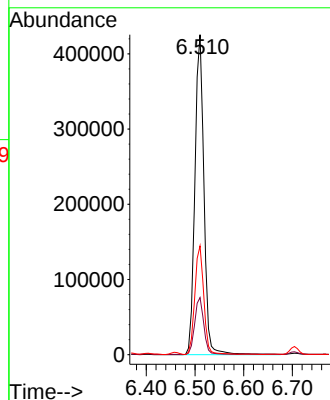
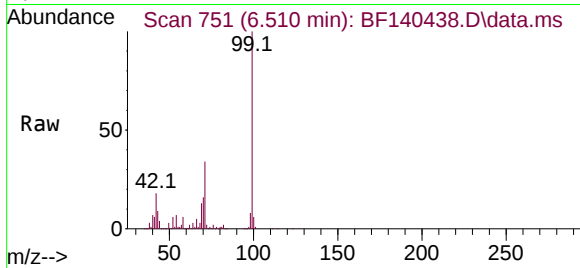
Tgt Ion: 99 Resp: 553687

Ion Ratio Lower Upper

99 100

42 17.8 15.1 22.7

71 34.0 27.9 41.9



#19

n-Nitroso-di-n-propylamine

Concen: 7.843 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.141 min

Lab File: BF140438.D

Acq: 16 Nov 2024 18:53

Tgt Ion: 70 Resp: 47643

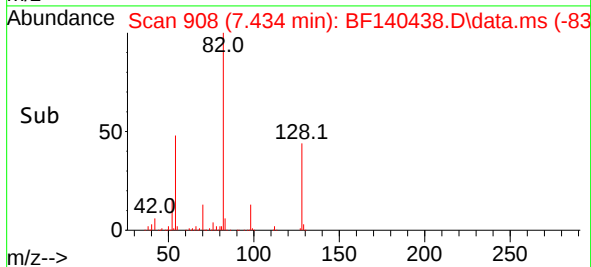
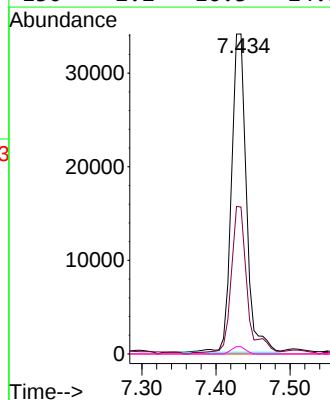
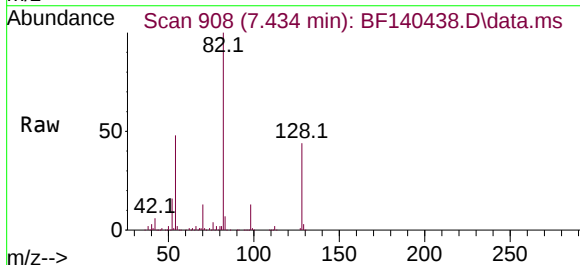
Ion Ratio Lower Upper

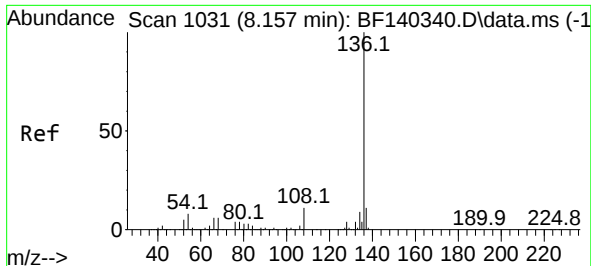
70 100

42 45.9 46.8 70.2#

101 0.0 7.5 11.3#

130 2.2 16.3 24.5#



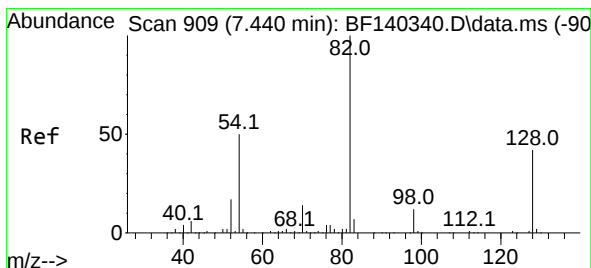
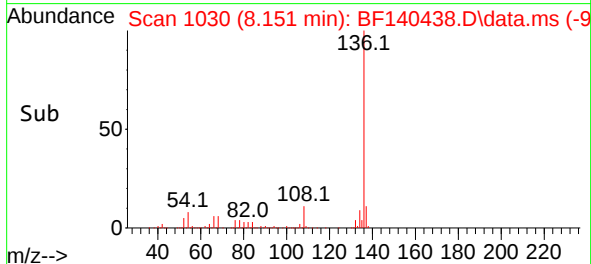
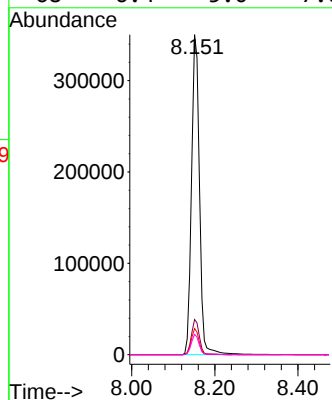
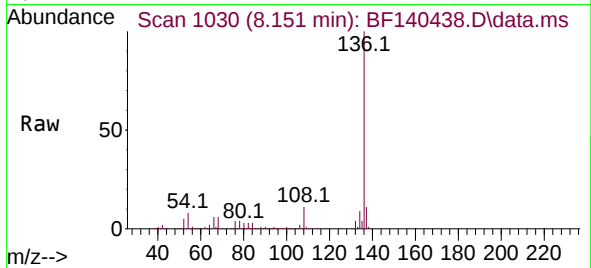


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140438.D
Acq: 16 Nov 2024 18:53

Instrument :
BNA_F
ClientSampleId :
B-4

Tgt Ion:136 Resp: 464845

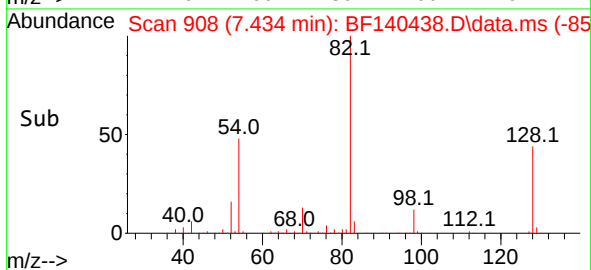
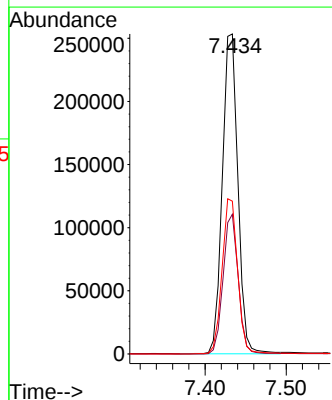
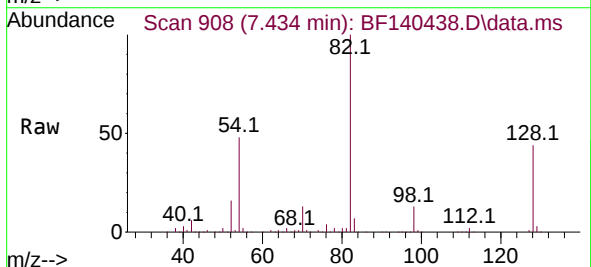
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.1	6.5	9.7
68	6.4	5.0	7.6



#23
Nitrobenzene-d5
Concen: 37.957 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140438.D
Acq: 16 Nov 2024 18:53

Tgt Ion: 82 Resp: 338637

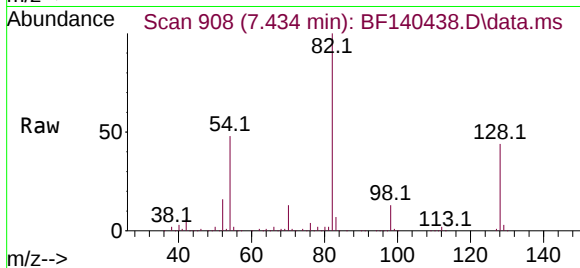
Ion	Ratio	Lower	Upper
82	100		
128	43.7	33.3	49.9
54	47.7	39.8	59.8



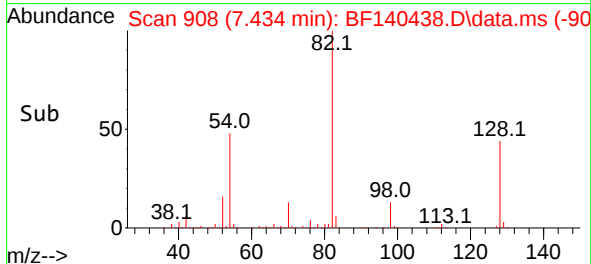
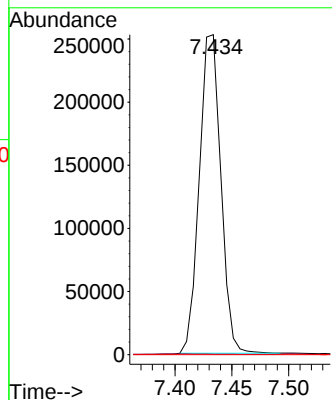


#25
Isophorone
Concen: 21.039 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140438.D
Acq: 16 Nov 2024 18:53

Instrument :
BNA_F
ClientSampleId :
B-4

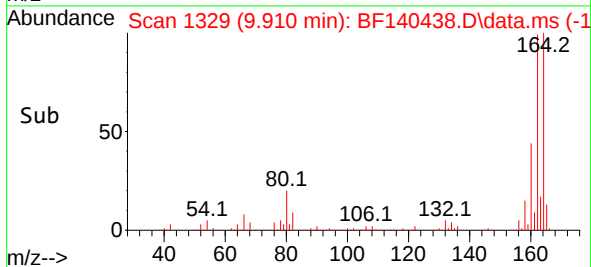
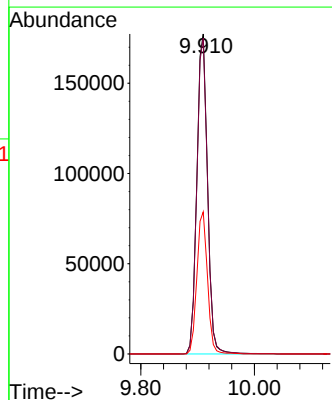
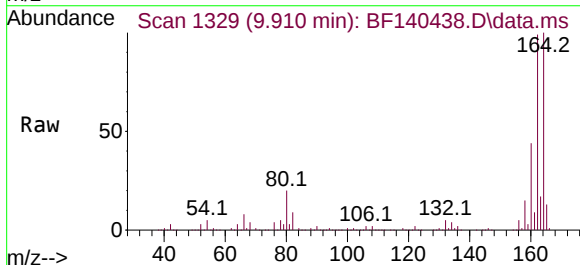


Tgt Ion: 82 Resp: 332665
Ion Ratio Lower Upper
82 100
95 0.2 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140438.D
Acq: 16 Nov 2024 18:53

Tgt Ion:164 Resp: 232288
Ion Ratio Lower Upper
164 100
162 98.7 79.8 119.8
160 44.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 46.489 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140438.D

Acq: 16 Nov 2024 18:53

Instrument :

BNA_F

ClientSampleId :

B-4

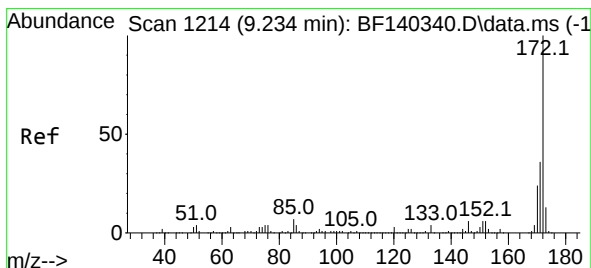
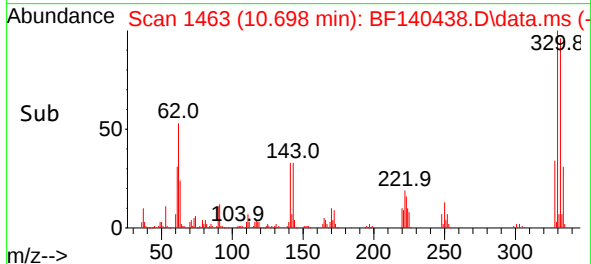
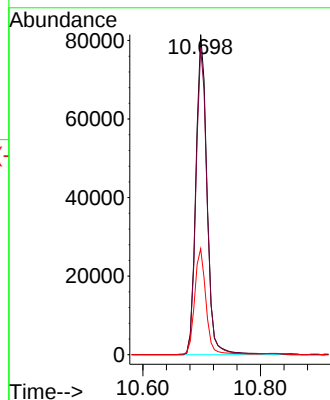
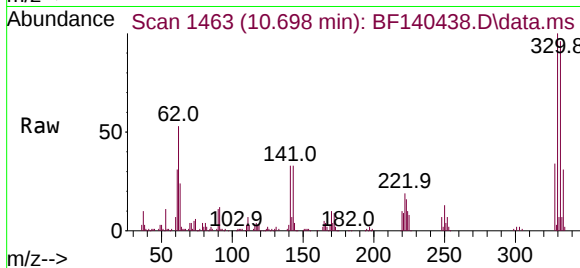
Tgt Ion:330 Resp: 107387

Ion Ratio Lower Upper

330 100

332 96.0 75.9 113.9

141 33.9 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 44.159 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140438.D

Acq: 16 Nov 2024 18:53

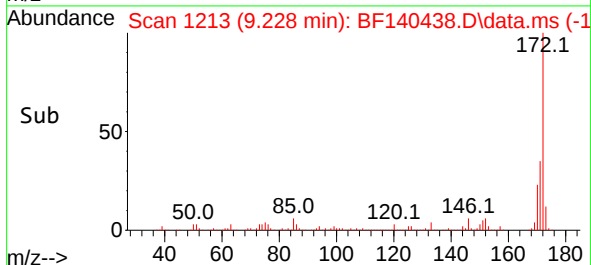
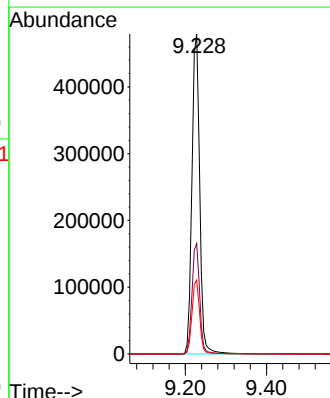
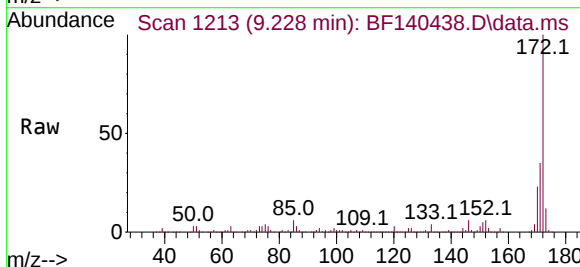
Tgt Ion:172 Resp: 638091

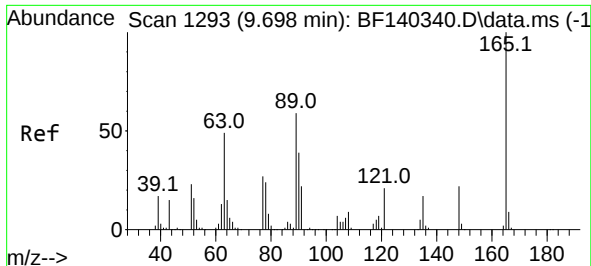
Ion Ratio Lower Upper

172 100

171 34.6 28.5 42.7

170 23.1 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.626 ng

RT: 9.910 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF140438.D

Acq: 16 Nov 2024 18:53

Instrument :

BNA_F

ClientSampleId :

B-4

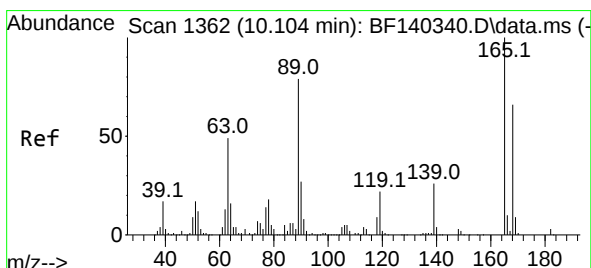
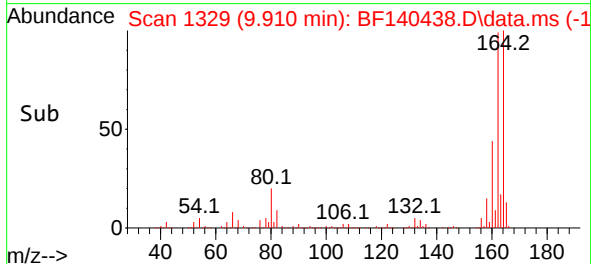
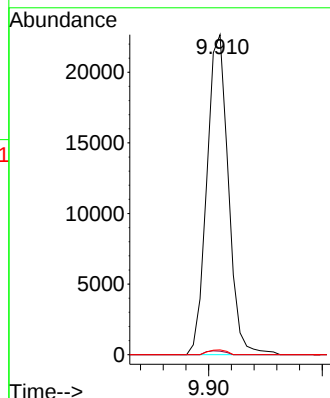
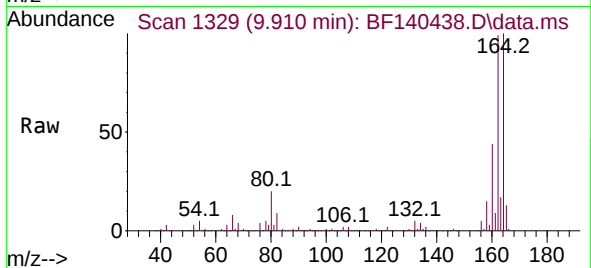
Tgt Ion:165 Resp: 29773

Ion Ratio Lower Upper

165 100

63 1.1 47.6 71.4#

89 1.5 48.1 72.1#



#57

2,4-Dinitrotoluene

Concen: 6.554 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.194 min

Lab File: BF140438.D

Acq: 16 Nov 2024 18:53

Tgt Ion:165 Resp: 29773

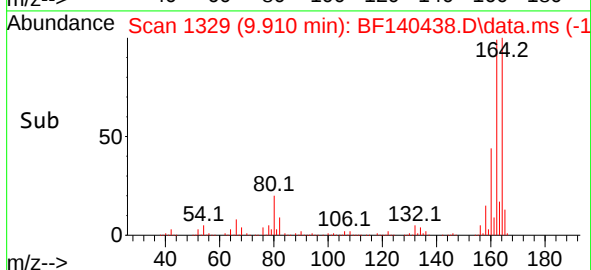
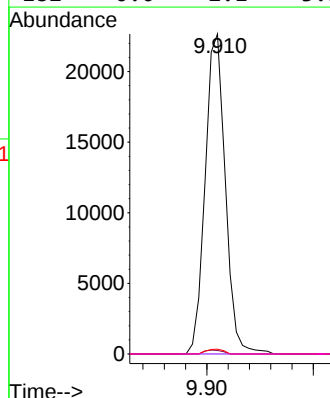
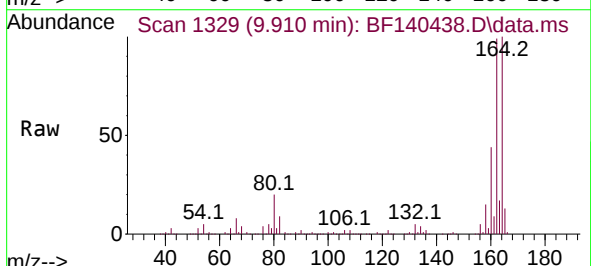
Ion Ratio Lower Upper

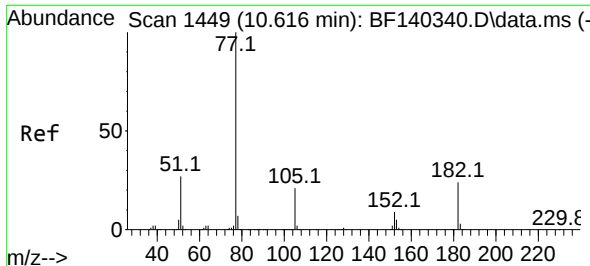
165 100

63 1.1 39.4 59.0#

89 1.5 62.4 93.6#

182 0.0 2.1 3.1#

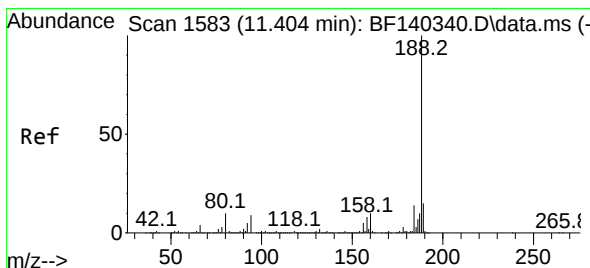
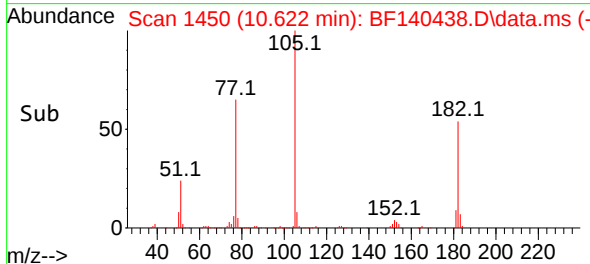
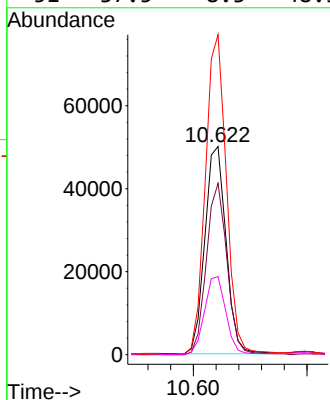
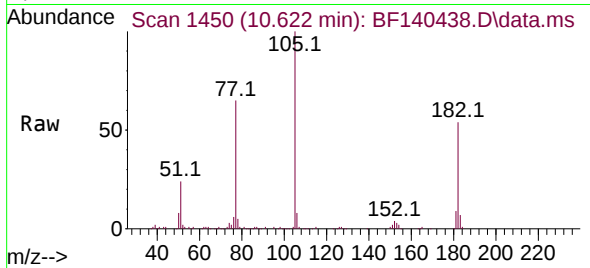




#63
Azobenzene
Concen: 4.235 ng
RT: 10.622 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF140438.D
Acq: 16 Nov 2024 18:53

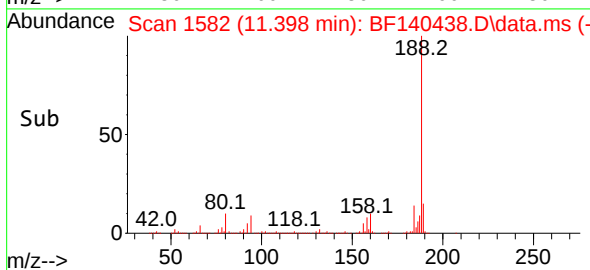
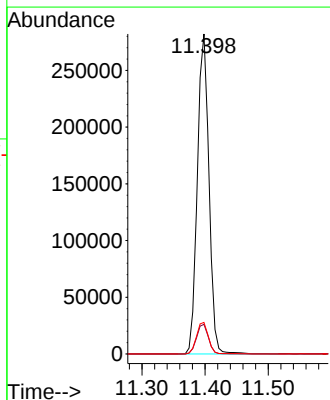
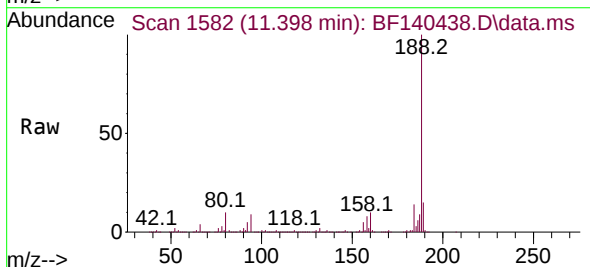
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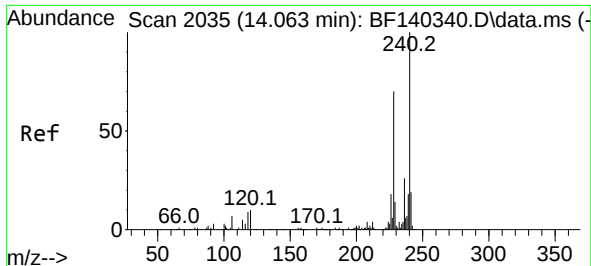
Tgt Ion: 77	Resp: 64786
Ion Ratio	Lower Upper
77 100	
182 82.3	4.6 44.6#
105 153.7	0.9 40.9#
51 37.5	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140438.D
Acq: 16 Nov 2024 18:53

Tgt Ion: 188	Resp: 359240
Ion Ratio	Lower Upper
188 100	
94 9.2	7.6 11.4
80 9.9	8.0 12.0

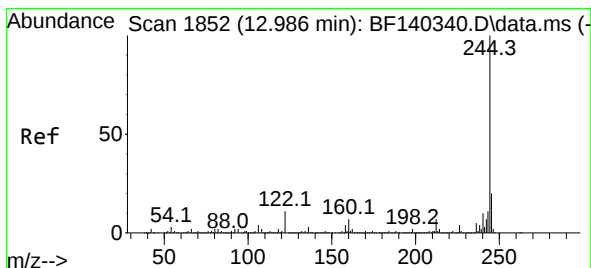
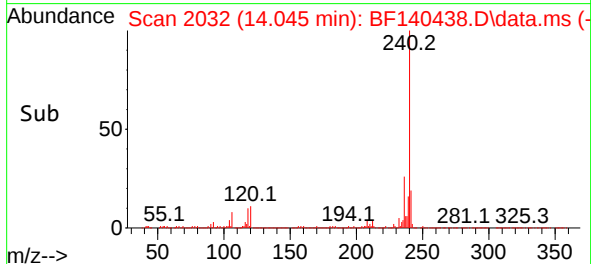
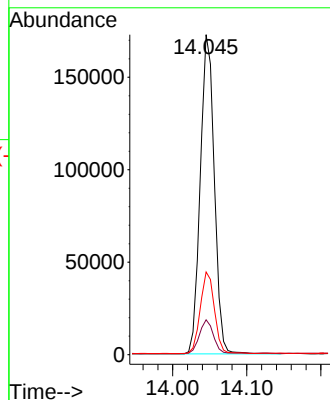
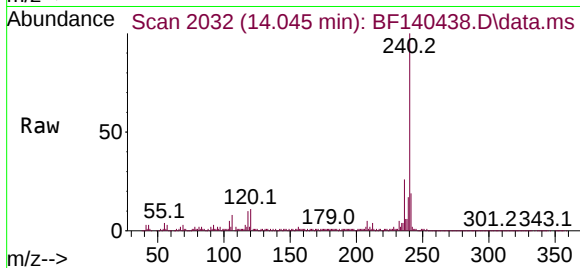




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF140438.D
Acq: 16 Nov 2024 18:53

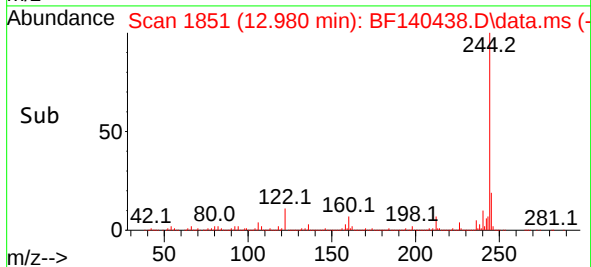
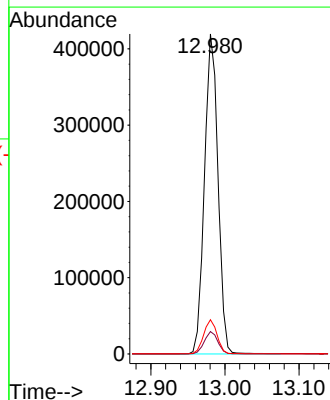
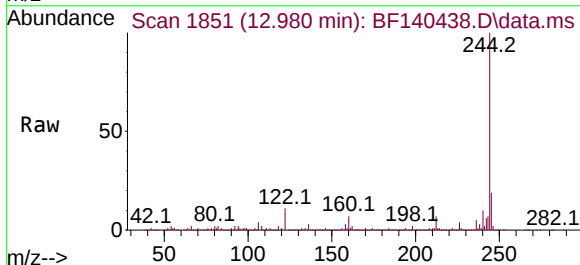
Instrument :
BNA_F
ClientSampleId :
B-4

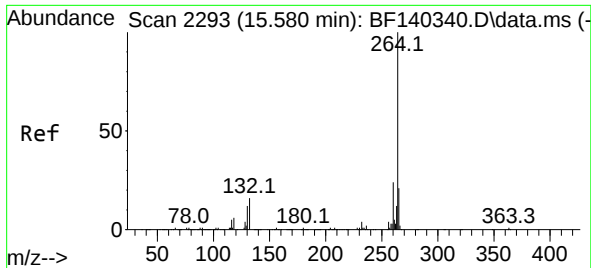
Tgt Ion:240 Resp: 227936
Ion Ratio Lower Upper
240 100
120 10.9 8.8 13.2
236 25.9 20.9 31.3



#79
Terphenyl-d14
Concen: 40.475 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF140438.D
Acq: 16 Nov 2024 18:53

Tgt Ion:244 Resp: 531497
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 10.7 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140438.D
Acq: 16 Nov 2024 18:53

Instrument :
BNA_F
ClientSampleId :
B-4

Tgt Ion:264 Resp: 171121

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.4	17.1	25.7

