

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
 Data File : BF140439.D
 Acq On : 16 Nov 2024 19:19
 Operator : RC/JU
 Sample : P4768-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-3-3

Quant Time: Nov 18 00:09:43 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)

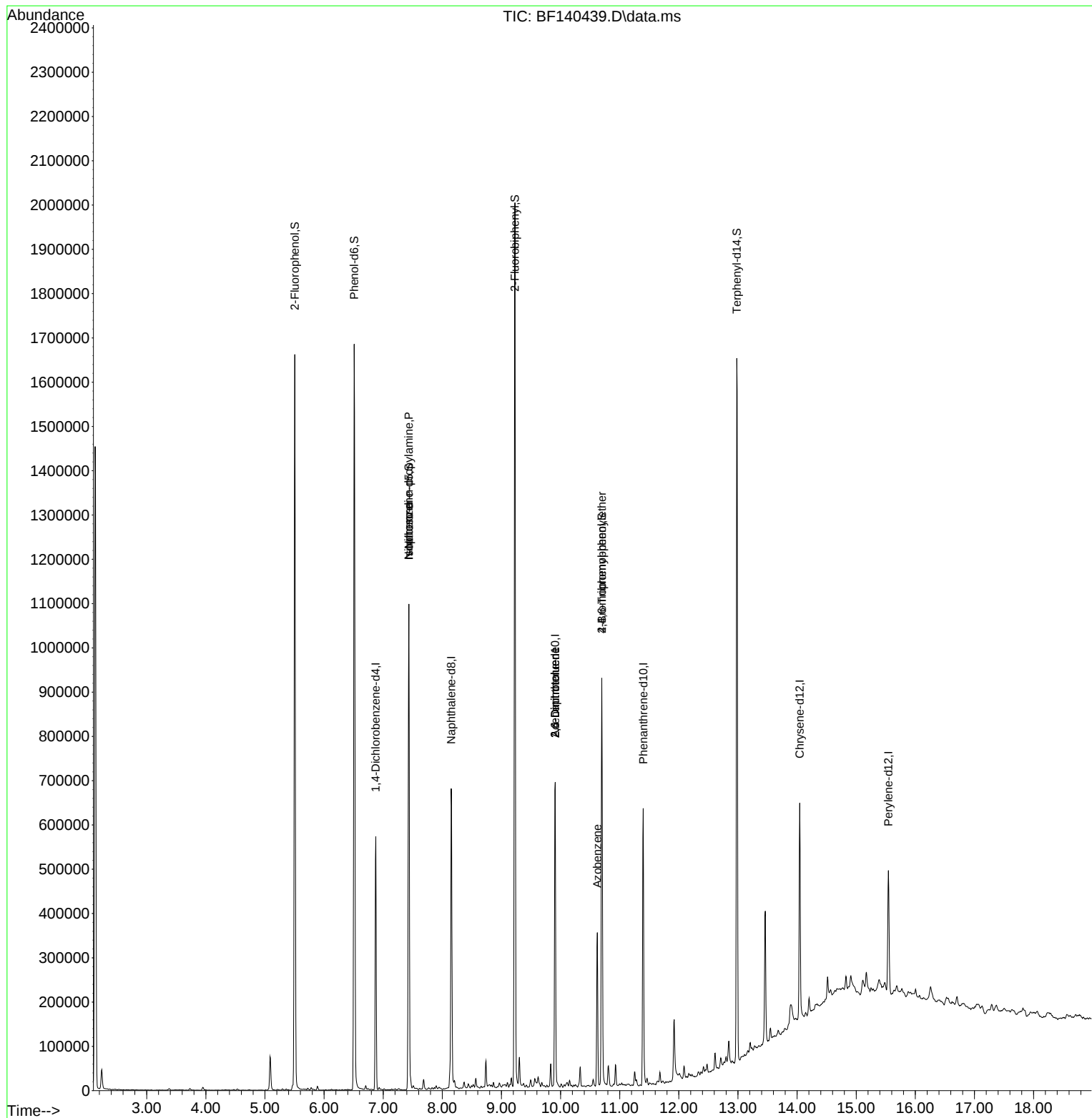
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	120352	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	438607	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	211600	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	334769	20.000	ng	0.00
76) Chrysene-d12	14.045	240	225236	20.000	ng	0.00
86) Perylene-d12	15.545	264	162313	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	615491	87.317	ng	0.01
7) Phenol-d6	6.510	99	801068	83.880	ng	0.00
23) Nitrobenzene-d5	7.434	82	492258	58.476	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	154684	73.512	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	879454	66.813	ng	0.00
79) Terphenyl-d14	12.980	244	775643	59.775	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	66647	11.555	ng	# 76
25) Isophorone	7.434	82	487346	32.665	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	28385	9.027	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	28386	6.859	ng	# 20
63) Azobenzene	10.622	77	92010	6.603	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	9990	2.985	ng	# 1

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

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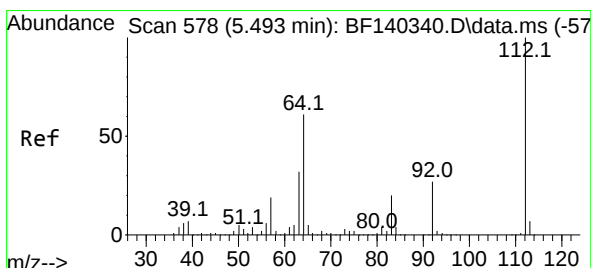
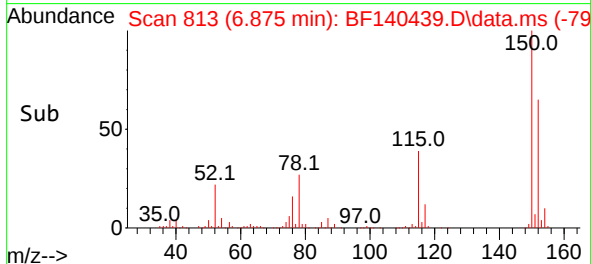
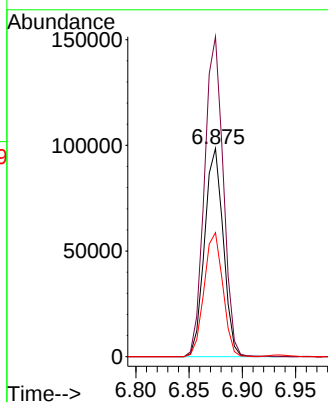
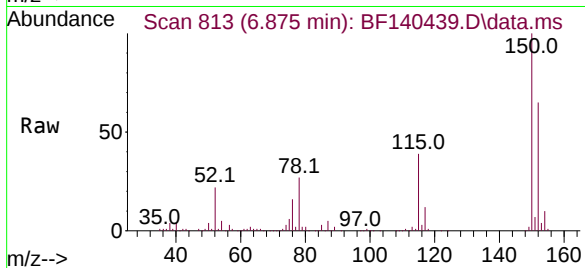




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140439.D
Acq: 16 Nov 2024 19:19

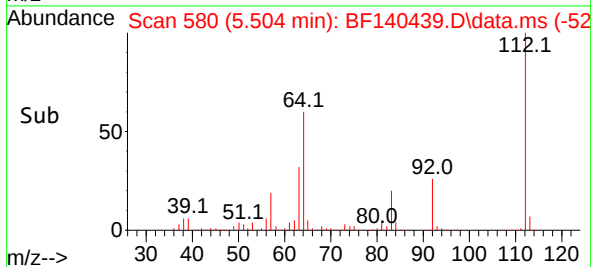
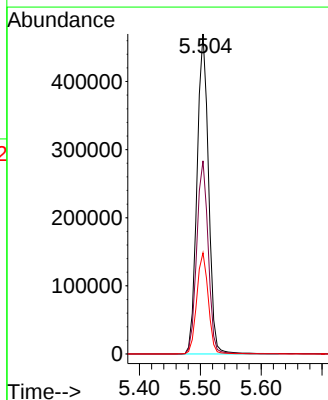
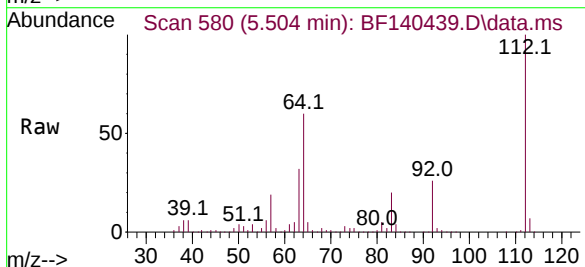
Instrument :
BNA_F
ClientSampleId :
B-3-3

Tgt Ion:152 Resp: 120352
Ion Ratio Lower Upper
152 100
150 153.6 127.4 191.0
115 59.5 47.4 71.2



#5
2-Fluorophenol
Concen: 87.317 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140439.D
Acq: 16 Nov 2024 19:19

Tgt Ion:112 Resp: 615491
Ion Ratio Lower Upper
112 100
64 60.4 49.2 73.8
63 31.6 25.6 38.4

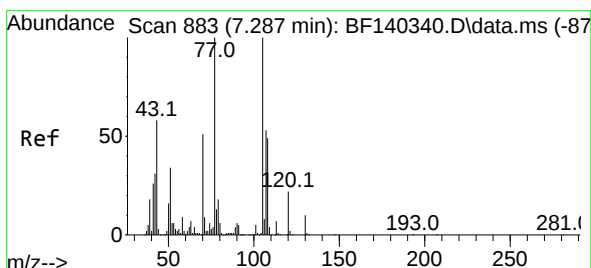
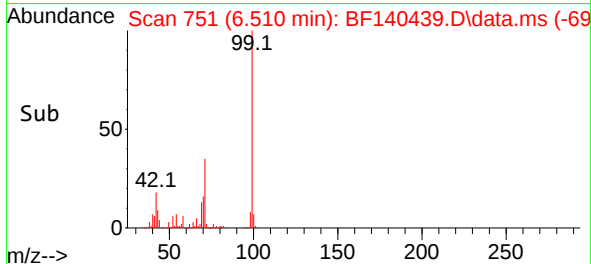
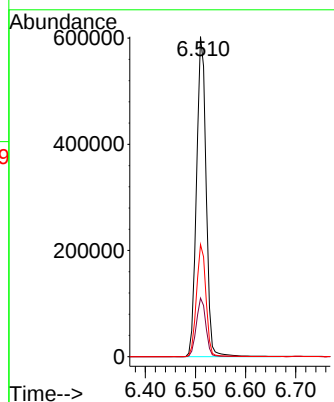
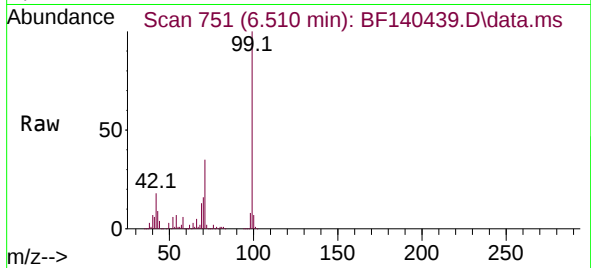




#7
Phenol-d6
Concen: 83.880 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140439.D
Acq: 16 Nov 2024 19:19

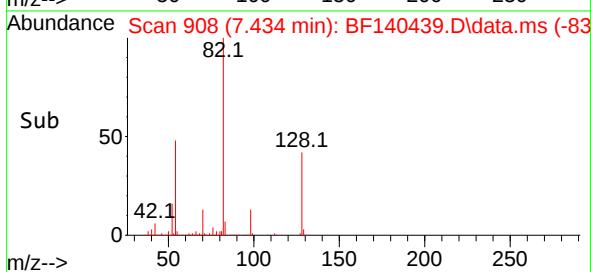
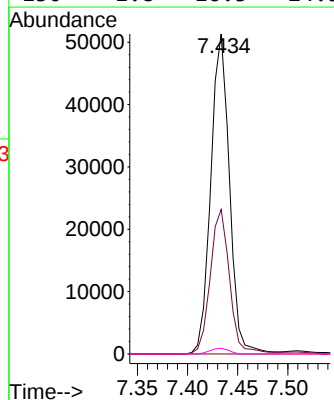
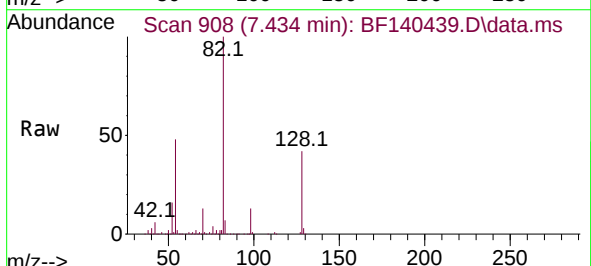
Instrument :
BNA_F
ClientSampleId :
B-3-3

Tgt Ion: 99 Resp: 801068
Ion Ratio Lower Upper
99 100
42 18.3 15.1 22.7
71 35.1 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.555 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140439.D
Acq: 16 Nov 2024 19:19

Tgt Ion: 70 Resp: 66647
Ion Ratio Lower Upper
70 100
42 45.2 46.8 70.2#
101 0.0 7.5 11.3#
130 1.8 16.3 24.5#



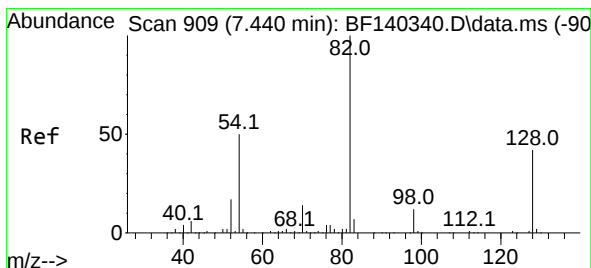
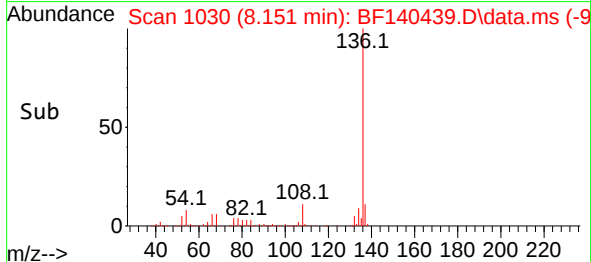
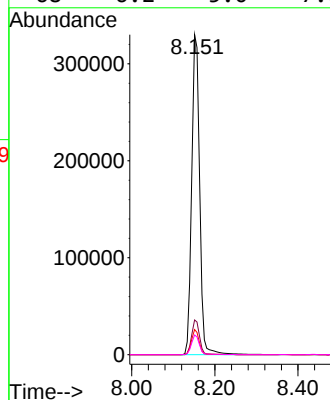
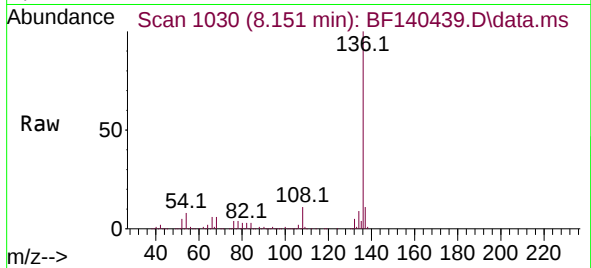


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140439.D
Acq: 16 Nov 2024 19:19

Instrument :
BNA_F
ClientSampleId :
B-3-3

Tgt Ion:136 Resp: 438607

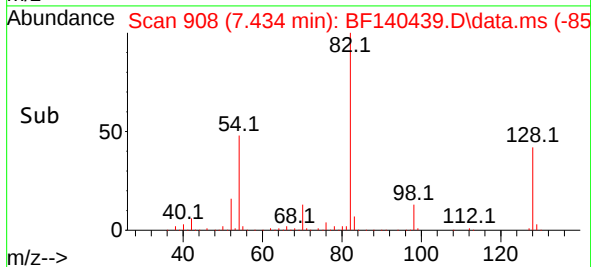
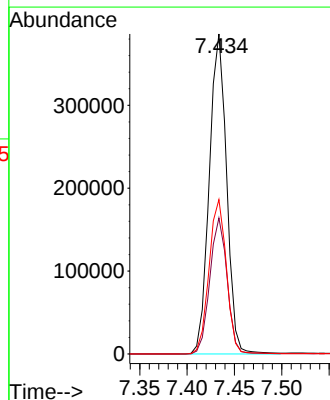
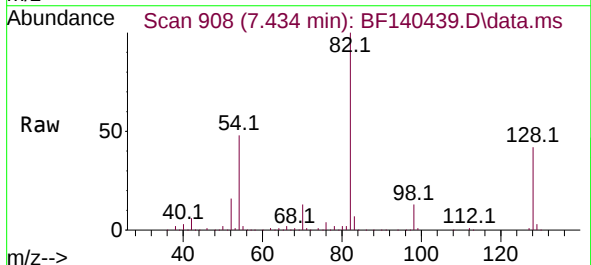
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.9	6.5	9.7
68	6.2	5.0	7.6



#23
Nitrobenzene-d5
Concen: 58.476 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140439.D
Acq: 16 Nov 2024 19:19

Tgt Ion: 82 Resp: 492258

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.3	49.9
54	48.3	39.8	59.8

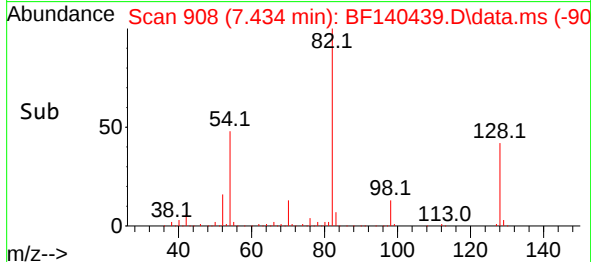
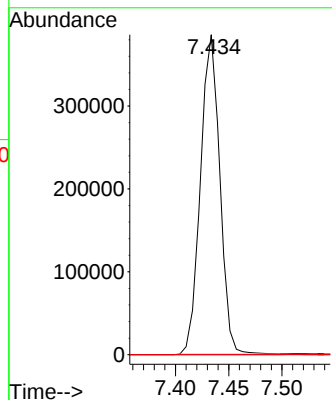
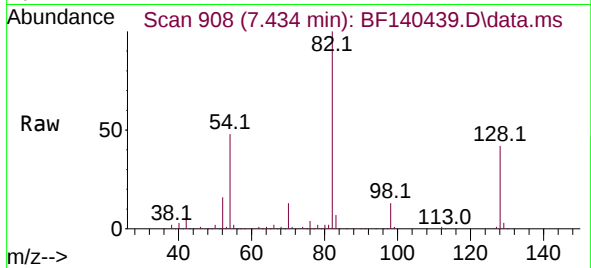




#25
Isophorone
Concen: 32.665 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140439.D
Acq: 16 Nov 2024 19:19

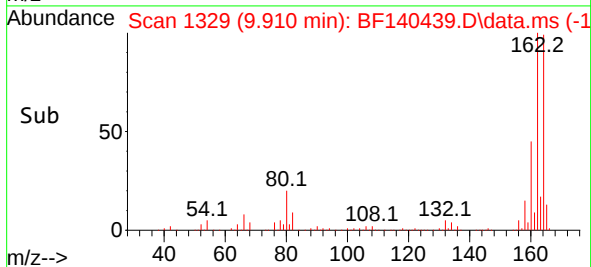
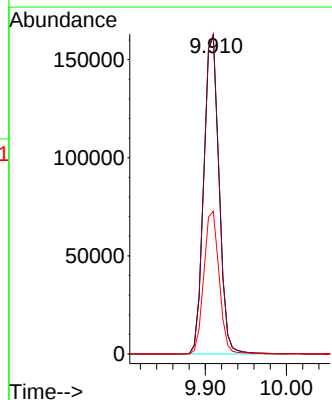
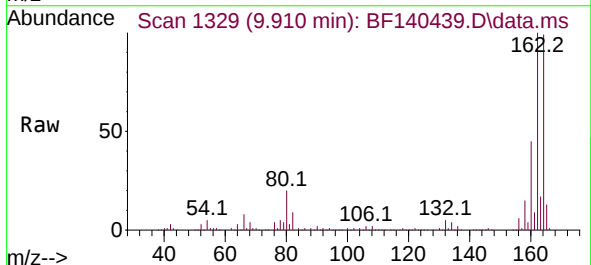
Instrument :
BNA_F
ClientSampleId :
B-3-3

Tgt Ion: 82 Resp: 487346
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: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140439.D
Acq: 16 Nov 2024 19:19

Tgt Ion: 164 Resp: 211600
Ion Ratio Lower Upper
164 100
162 100.9 79.8 119.8
160 45.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 73.512 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140439.D

Acq: 16 Nov 2024 19:19

Instrument :

BNA_F

ClientSampleId :

B-3-3

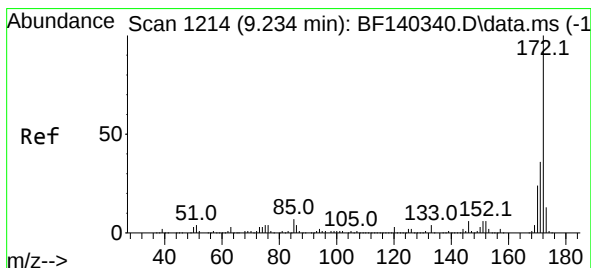
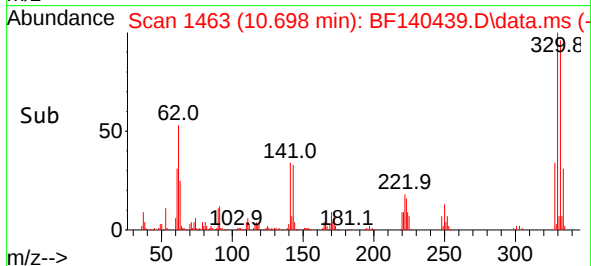
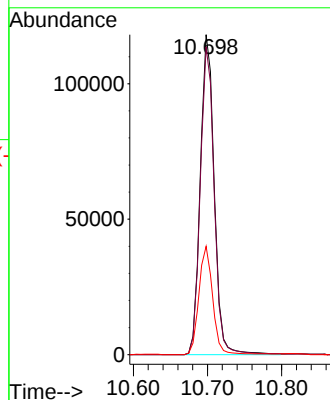
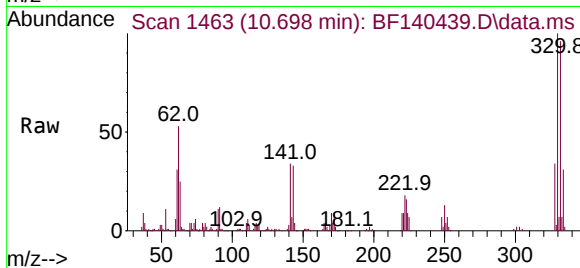
Tgt Ion:330 Resp: 154684

Ion Ratio Lower Upper

330 100

332 95.9 75.9 113.9

141 33.8 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 66.813 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140439.D

Acq: 16 Nov 2024 19:19

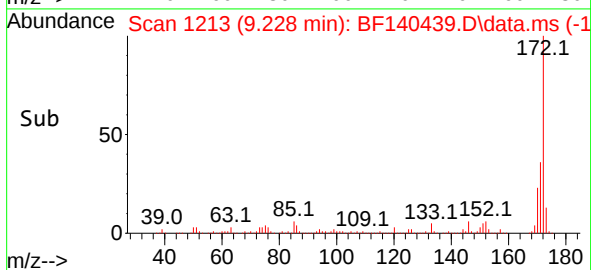
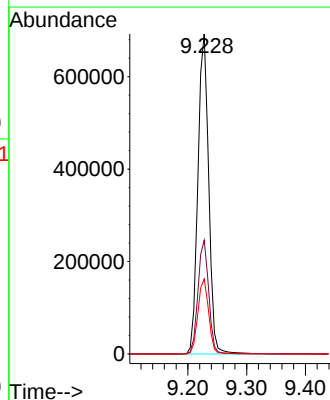
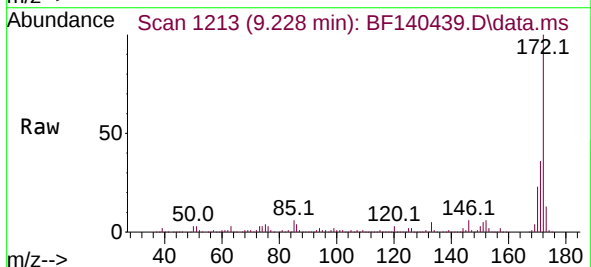
Tgt Ion:172 Resp: 879454

Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 23.5 19.1 28.7

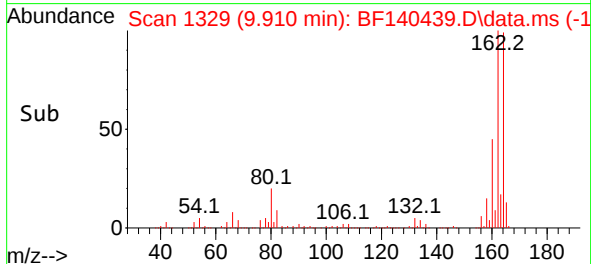
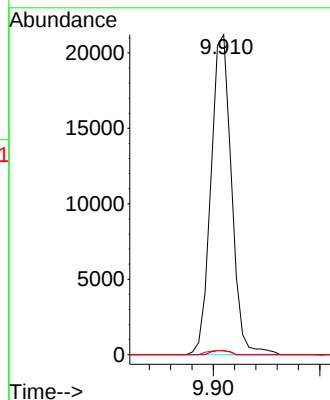
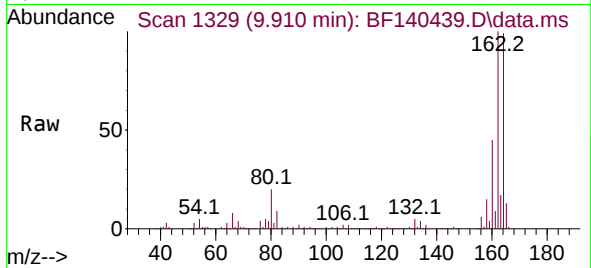




#51
2,6-Dinitrotoluene
Concen: 9.027 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140439.D
Acq: 16 Nov 2024 19:19

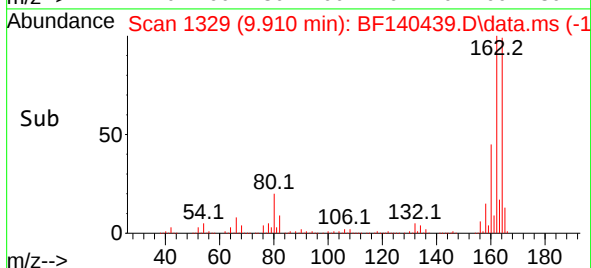
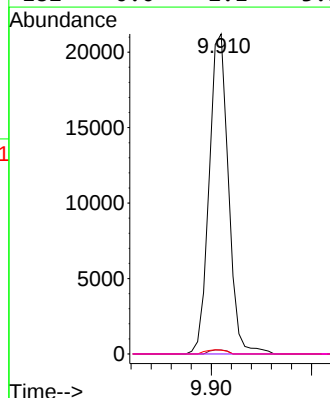
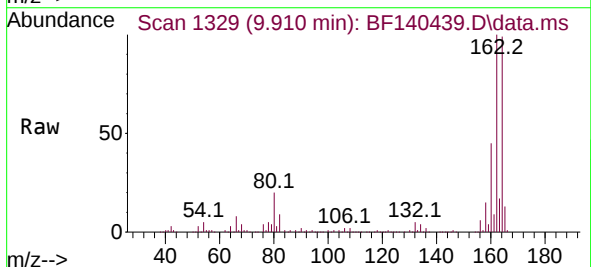
Instrument :
BNA_F
ClientSampleId :
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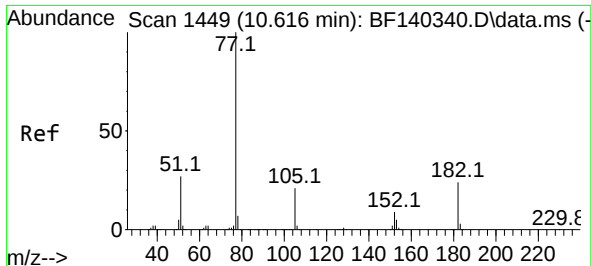
Tgt Ion:165 Resp: 28385
Ion Ratio Lower Upper
165 100
63 1.2 47.6 71.4#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.859 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140439.D
Acq: 16 Nov 2024 19:19

Tgt Ion:165 Resp: 28386
Ion Ratio Lower Upper
165 100
63 1.2 39.4 59.0#
89 1.2 62.4 93.6#
182 0.0 2.1 3.1#

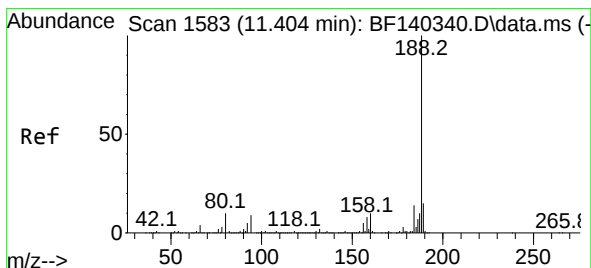
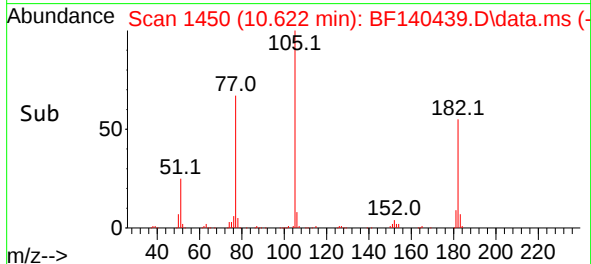
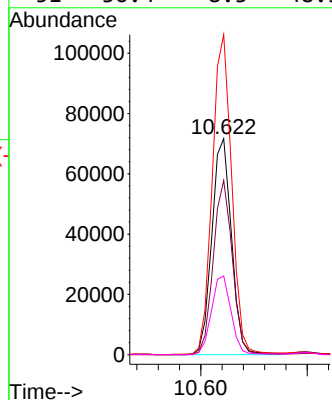
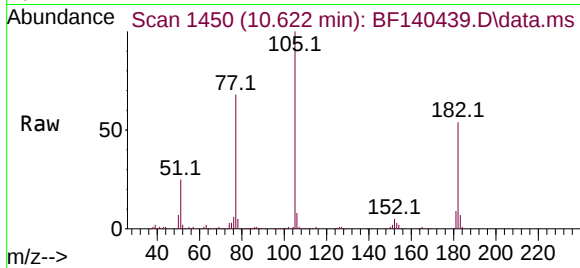




#63
Azobenzene
Concen: 6.603 ng
RT: 10.622 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF140439.D
Acq: 16 Nov 2024 19:19

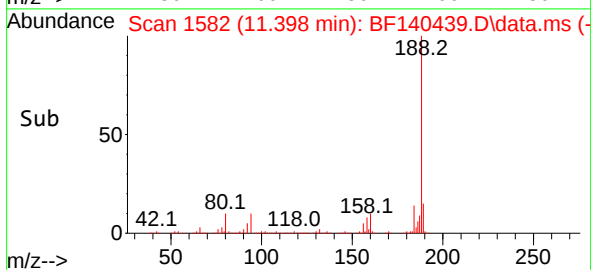
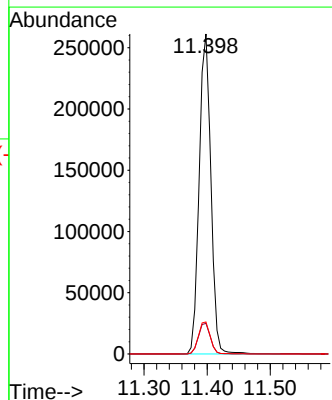
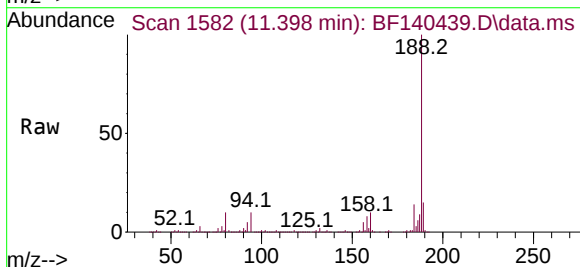
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ClientSampleId :
B-3-3

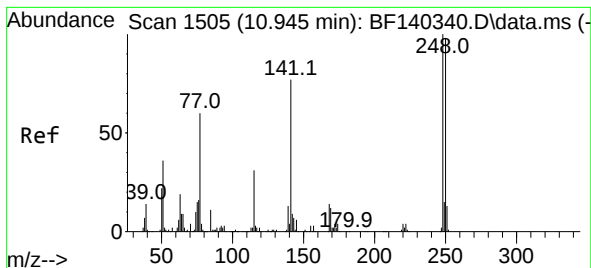
Tgt Ion: 77	Resp: 92010
Ion Ratio	Lower Upper
77 100	
182 80.6	4.6 44.6#
105 148.1	0.9 40.9#
51 36.4	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140439.D
Acq: 16 Nov 2024 19:19

Tgt Ion: 188	Resp: 334769
Ion Ratio	Lower Upper
188 100	
94 9.6	7.6 11.4
80 10.0	8.0 12.0

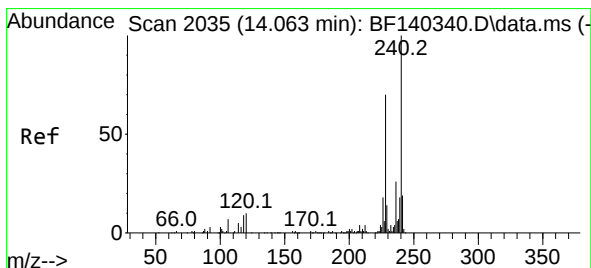
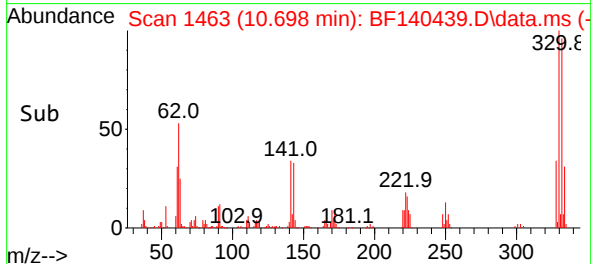
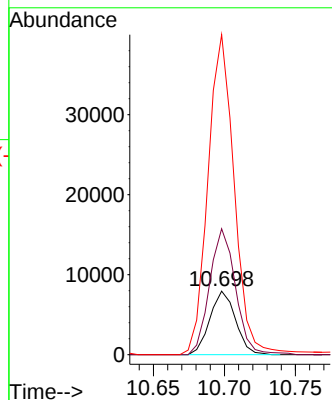
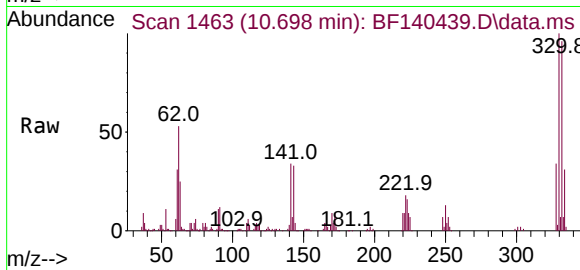




#67
4-Bromophenyl-phenylether
Concen: 2.985 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140439.D
Acq: 16 Nov 2024 19:19

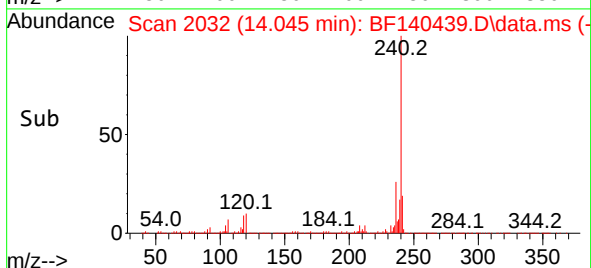
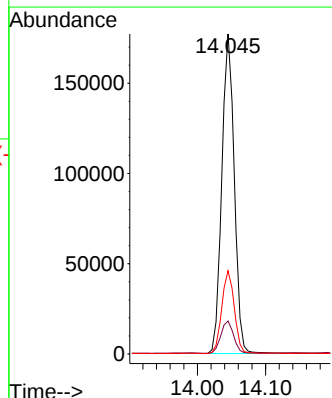
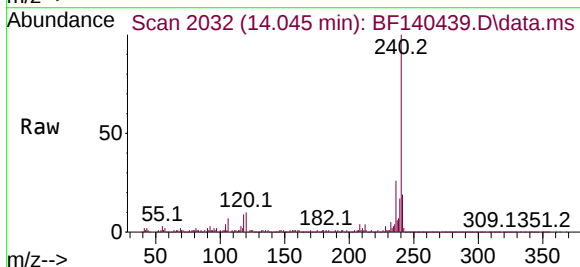
Instrument :
BNA_F
ClientSampleId :
B-3-3

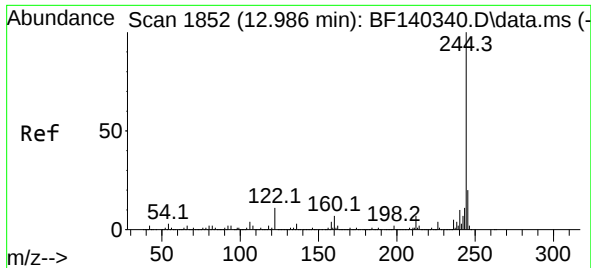
Tgt Ion:248 Resp: 9990
Ion Ratio Lower Upper
248 100
250 198.1 77.9 116.9#
141 503.2 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140439.D
Acq: 16 Nov 2024 19:19

Tgt Ion:240 Resp: 225236
Ion Ratio Lower Upper
240 100
120 10.3 8.8 13.2
236 26.0 20.9 31.3

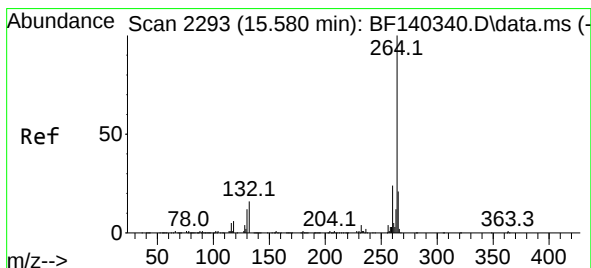
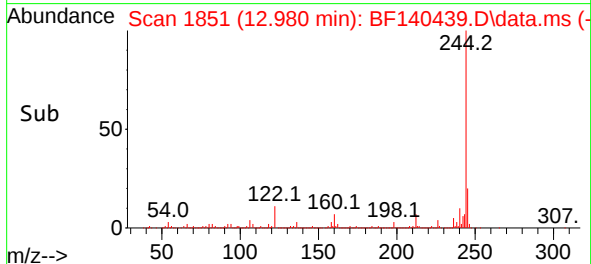
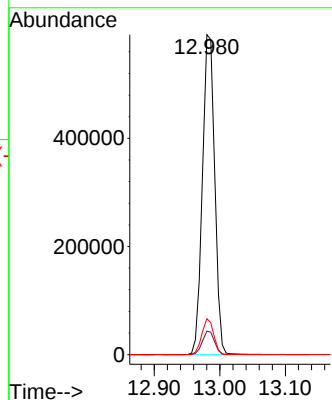
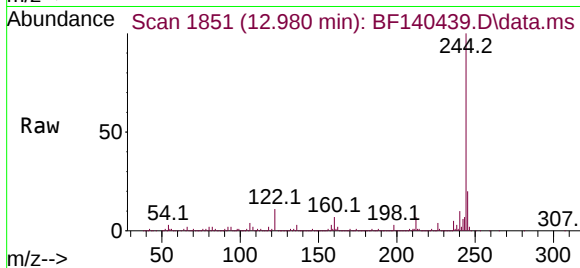




#79
 Terphenyl-d14
 Concen: 59.775 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF140439.D
 Acq: 16 Nov 2024 19:19

Instrument :
 BNA_F
 ClientSampleId :
 B-3-3

Tgt Ion:244 Resp: 775643
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 11.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF140439.D
 Acq: 16 Nov 2024 19:19

Tgt Ion:264 Resp: 162313
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.7 17.1 25.7

