

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140383.D
 Acq On : 15 Nov 2024 00:32
 Operator : RC/JU
 Sample : P4807-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BF-F14

Quant Time: Nov 15 02:37:21 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)

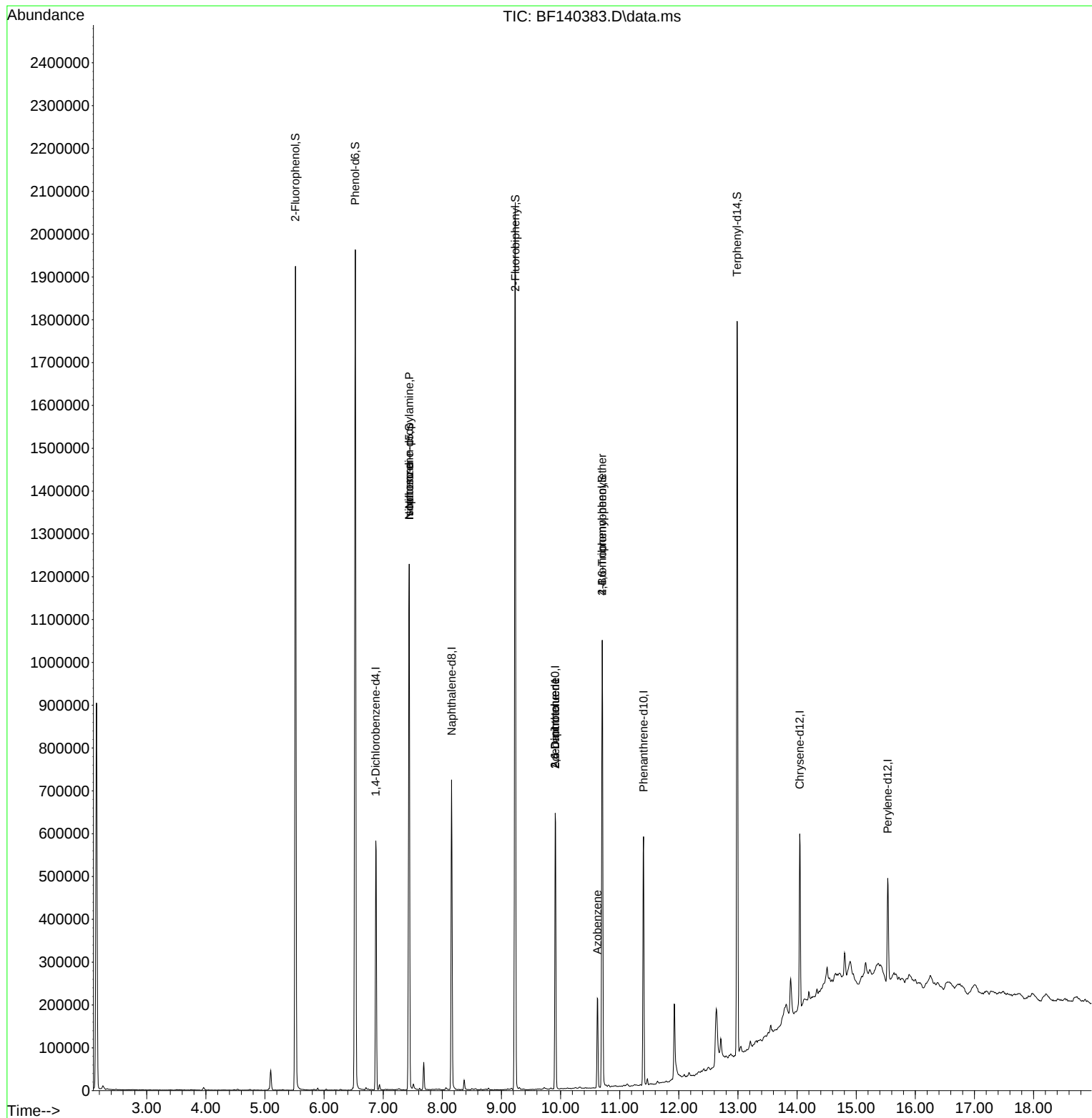
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	123519	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	438115	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	195337	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	310423	20.000	ng	0.00
76) Chrysene-d12	14.045	240	192899	20.000	ng	0.00
86) Perylene-d12	15.533	264	144849	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	708201	97.894	ng	0.02
7) Phenol-d6	6.528	99	924553	94.328	ng	0.02
23) Nitrobenzene-d5	7.439	82	556915	66.231	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	172532	88.821	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	939142	77.288	ng	0.00
79) Terphenyl-d14	12.986	244	828271	74.532	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	74130	12.523	ng	# 78
25) Isophorone	7.439	82	550880	36.965	ng	# 67
51) 2,6-Dinitrotoluene	9.910	165	25387	8.746	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	25387	6.646	ng	# 20
63) Azobenzene	10.622	77	55702	4.330	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	11385	3.669	ng	# 1

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

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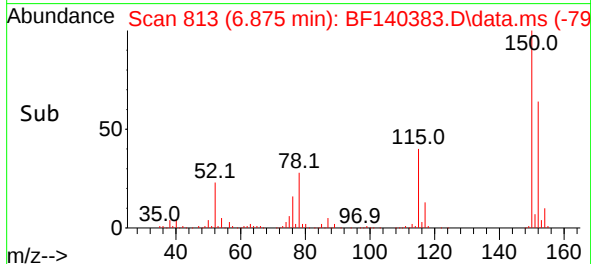
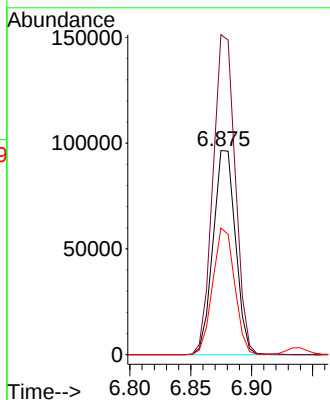
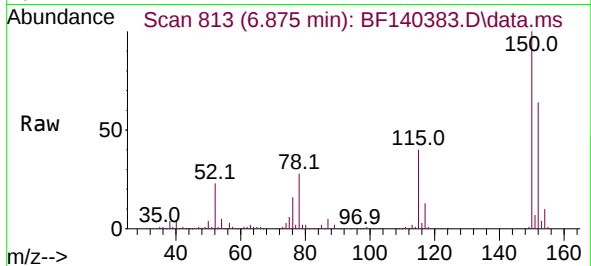




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140383.D
Acq: 15 Nov 2024 00:32

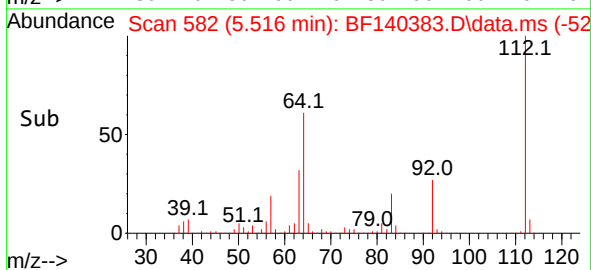
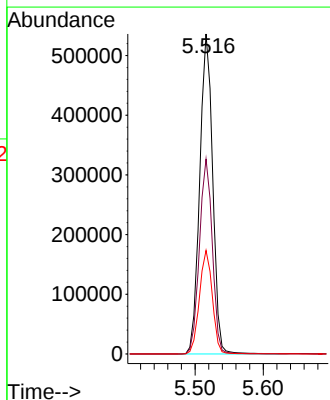
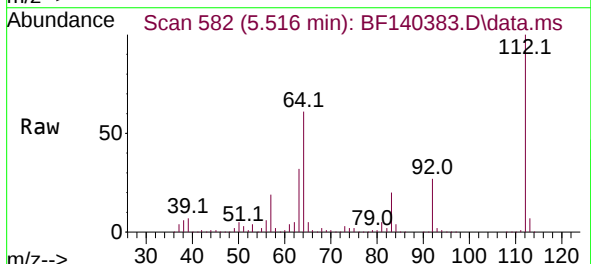
Instrument :
BNA_F
ClientSampleId :
BF-F14

Tgt Ion:152 Resp: 123519
Ion Ratio Lower Upper
152 100
150 156.8 127.4 191.0
115 62.1 47.4 71.2



#5
2-Fluorophenol
Concen: 97.894 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF140383.D
Acq: 15 Nov 2024 00:32

Tgt Ion:112 Resp: 708201
Ion Ratio Lower Upper
112 100
64 60.9 49.2 73.8
63 32.4 25.6 38.4





#7

Phenol-d6

Concen: 94.328 ng

RT: 6.528 min Scan# 71

Delta R.T. 0.023 min

Lab File: BF140383.D

Acq: 15 Nov 2024 00:32

Instrument :

BNA_F

ClientSampleId :

BF-F14

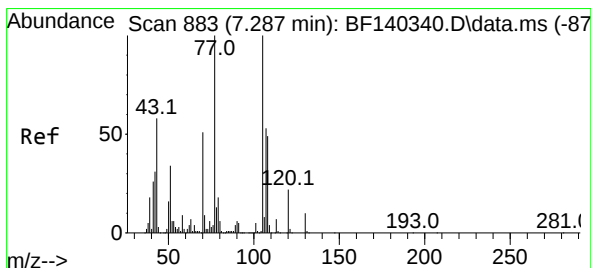
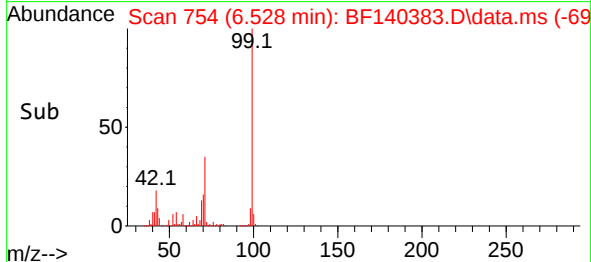
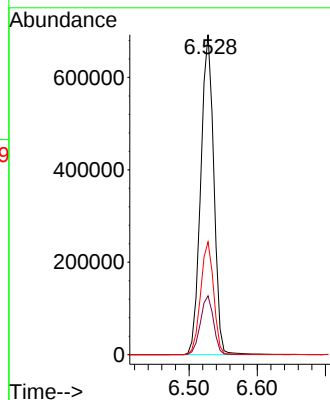
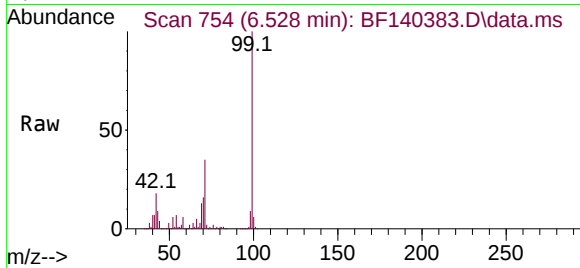
Tgt Ion: 99 Resp: 924553

Ion Ratio Lower Upper

99 100

42 18.4 15.1 22.7

71 35.3 27.9 41.9



#19

n-Nitroso-di-n-propylamine

Concen: 12.523 ng

RT: 7.439 min Scan# 909

Delta R.T. 0.147 min

Lab File: BF140383.D

Acq: 15 Nov 2024 00:32

Tgt Ion: 70 Resp: 74130

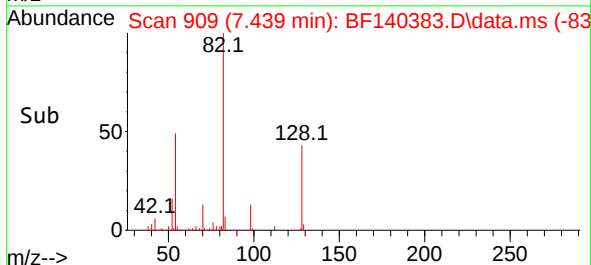
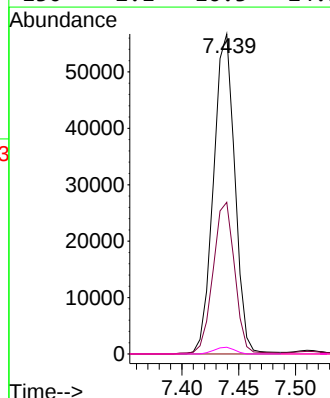
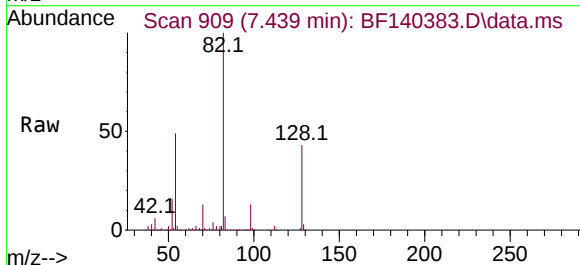
Ion Ratio Lower Upper

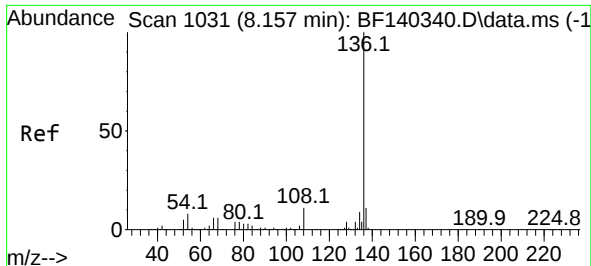
70 100

42 47.4 46.8 70.2

101 0.0 7.5 11.3#

130 2.1 16.3 24.5#

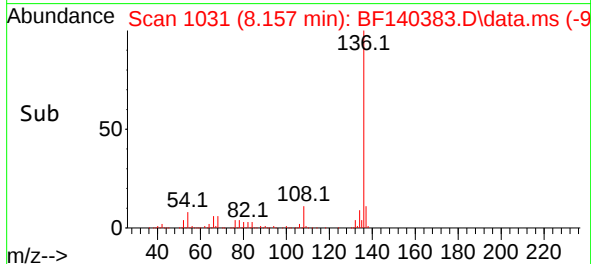
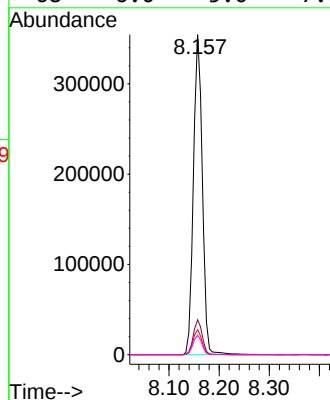
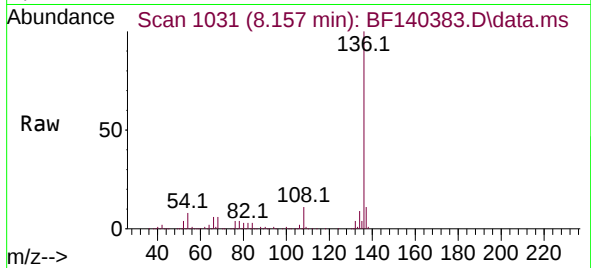




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140383.D
Acq: 15 Nov 2024 00:32

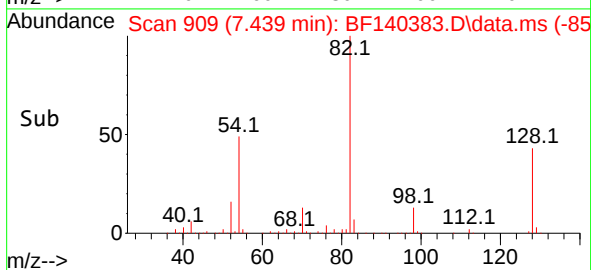
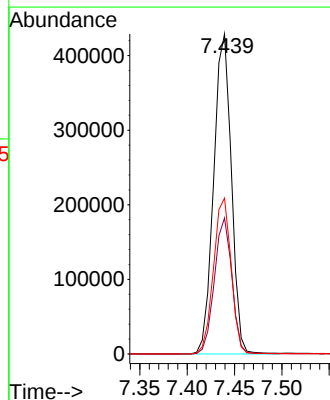
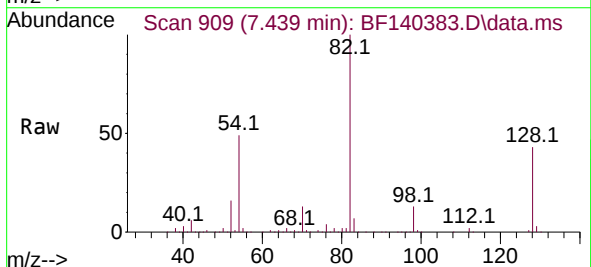
Instrument :
BNA_F
ClientSampleId :
BF-F14

Tgt Ion:136 Resp: 438115
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.8 6.5 9.7
68 6.0 5.0 7.6



#23
Nitrobenzene-d5
Concen: 66.231 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF140383.D
Acq: 15 Nov 2024 00:32

Tgt Ion: 82 Resp: 556915
Ion Ratio Lower Upper
82 100
128 42.5 33.3 49.9
54 48.7 39.8 59.8

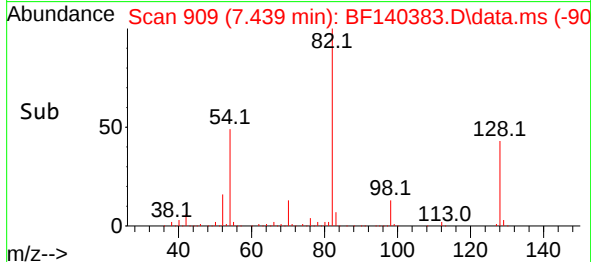
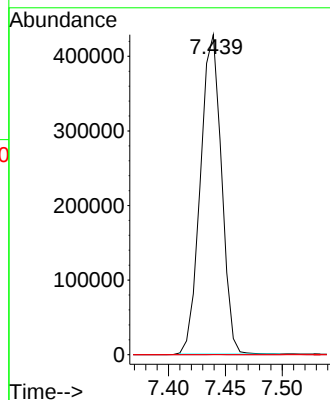
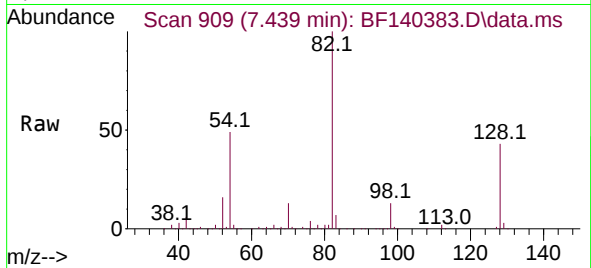




#25
Isophorone
Concen: 36.965 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF140383.D
Acq: 15 Nov 2024 00:32

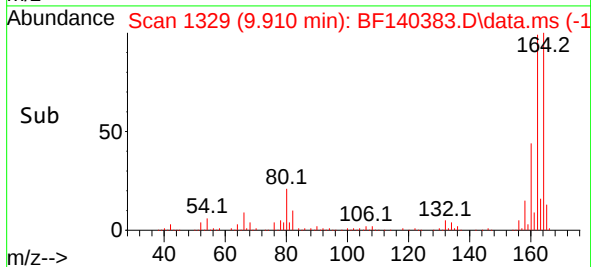
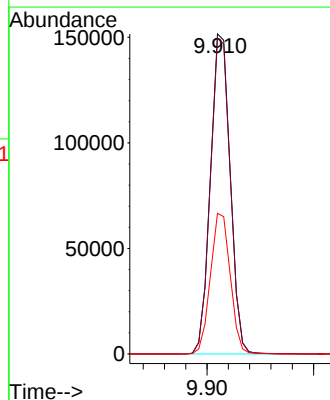
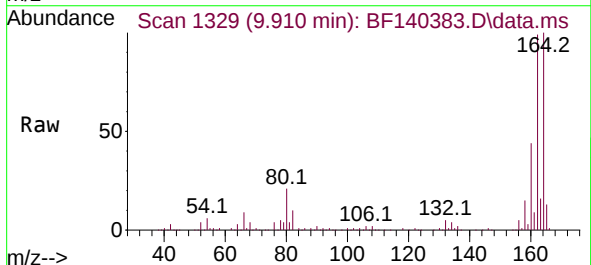
Instrument :
BNA_F
ClientSampleId :
BF-F14

Tgt Ion: 82 Resp: 550880
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: BF140383.D
Acq: 15 Nov 2024 00:32

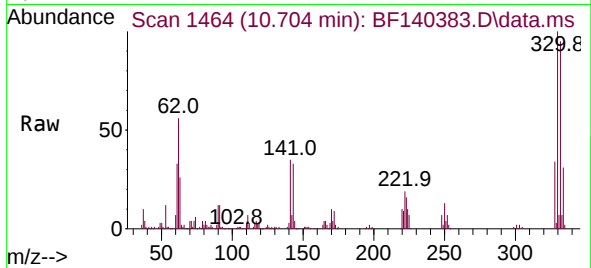
Tgt Ion:164 Resp: 195337
Ion Ratio Lower Upper
164 100
162 98.6 79.8 119.8
160 44.0 35.4 53.0



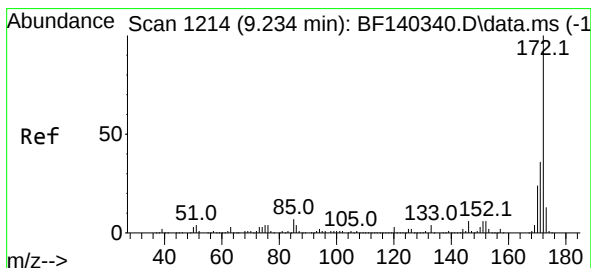
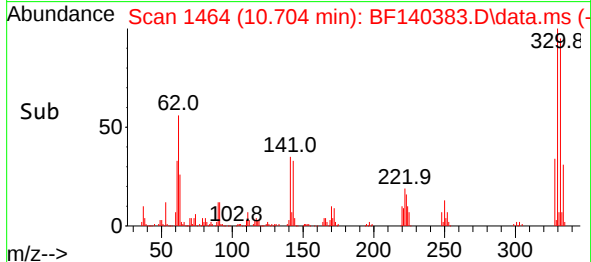
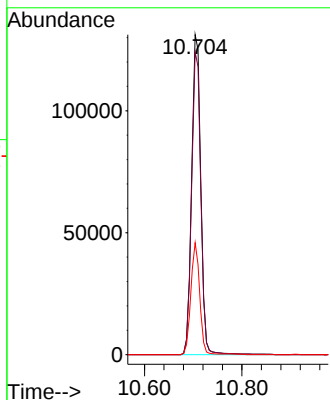


#42
2,4,6-Tribromophenol
Concen: 88.821 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140383.D
Acq: 15 Nov 2024 00:32

Instrument :
BNA_F
ClientSampleId :
BF-F14

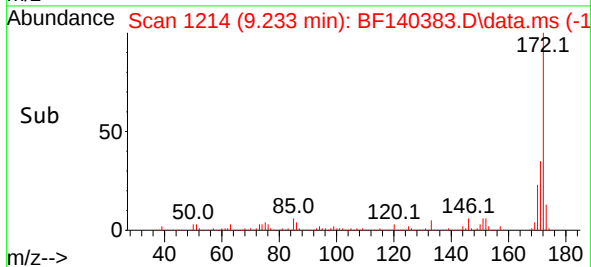
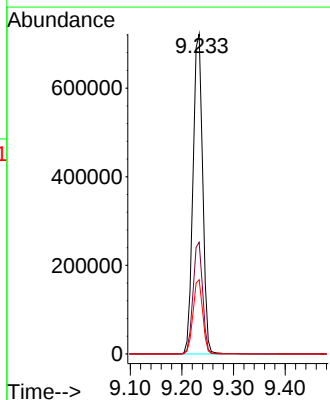
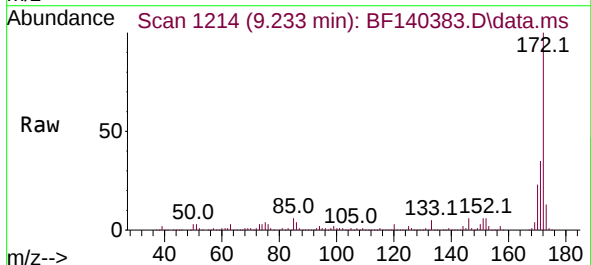


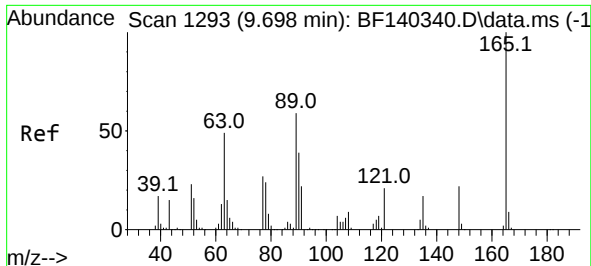
Tgt Ion:330 Resp: 172532
Ion Ratio Lower Upper
330 100
332 95.1 75.9 113.9
141 33.6 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 77.288 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF140383.D
Acq: 15 Nov 2024 00:32

Tgt Ion:172 Resp: 939142
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.2 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.746 ng

RT: 9.910 min Scan# 1329

Delta R.T. 0.212 min

Lab File: BF140383.D

Acq: 15 Nov 2024 00:32

Instrument :

BNA_F

ClientSampleId :

BF-F14

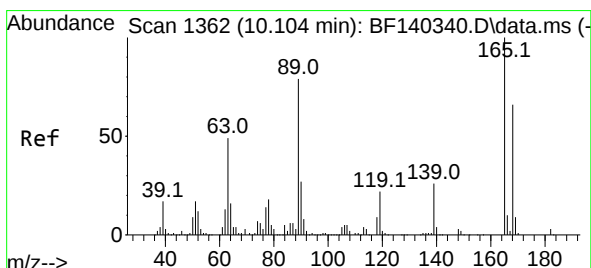
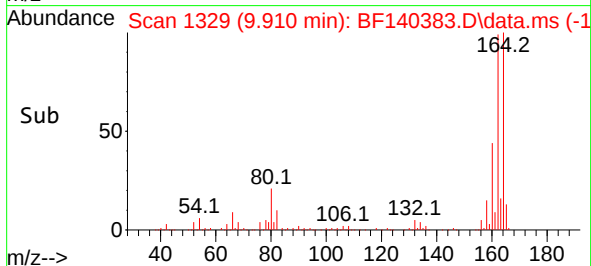
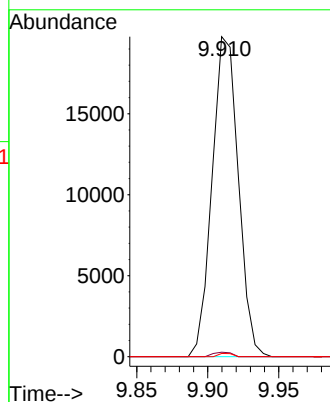
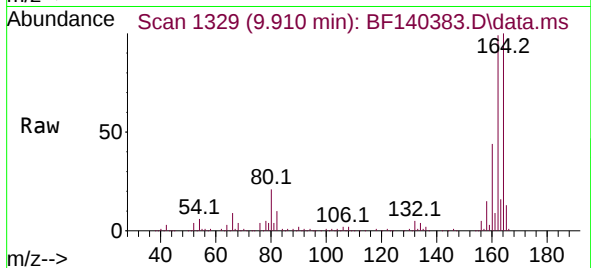
Tgt Ion:165 Resp: 25387

Ion Ratio Lower Upper

165 100

63 1.4 47.6 71.4#

89 1.0 48.1 72.1#



#57

2,4-Dinitrotoluene

Concen: 6.646 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.194 min

Lab File: BF140383.D

Acq: 15 Nov 2024 00:32

Tgt Ion:165 Resp: 25387

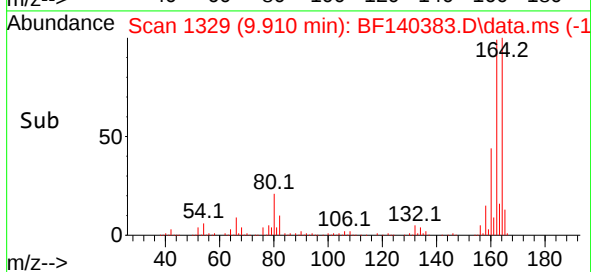
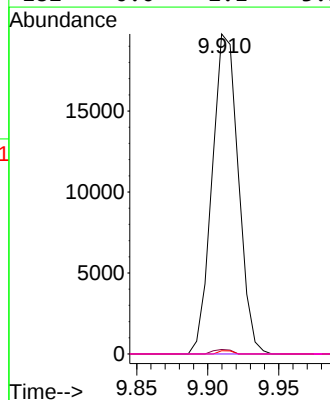
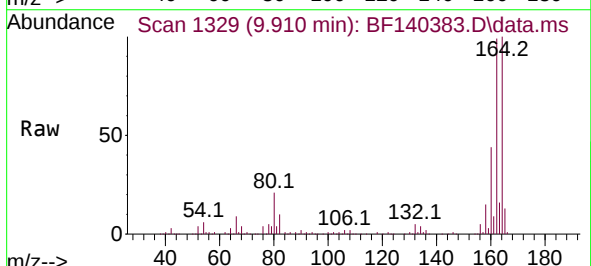
Ion Ratio Lower Upper

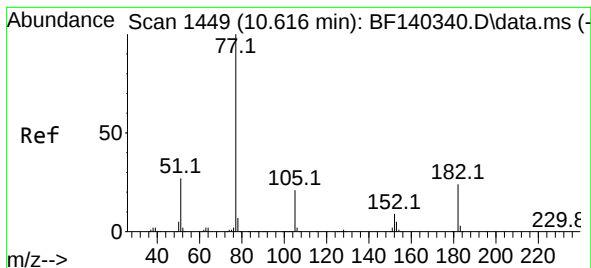
165 100

63 1.4 39.4 59.0#

89 1.0 62.4 93.6#

182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 4.330 ng

RT: 10.622 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF140383.D

Acq: 15 Nov 2024 00:32

Instrument :

BNA_F

ClientSampleId :

BF-F14

Tgt Ion: 77 Resp: 55702

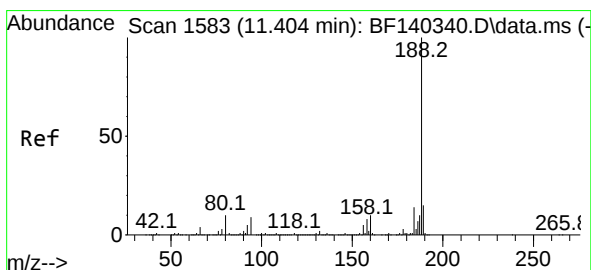
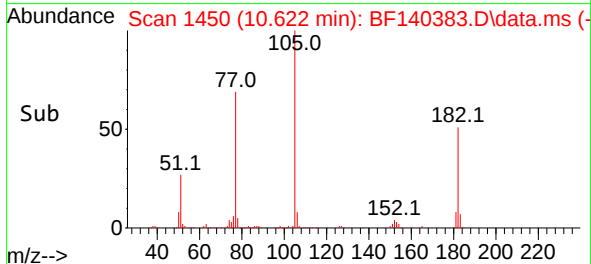
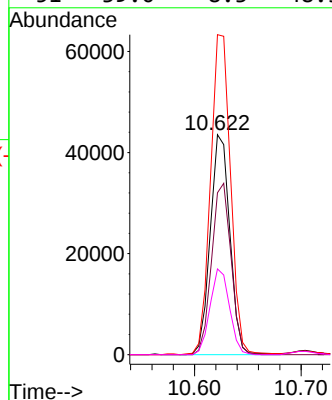
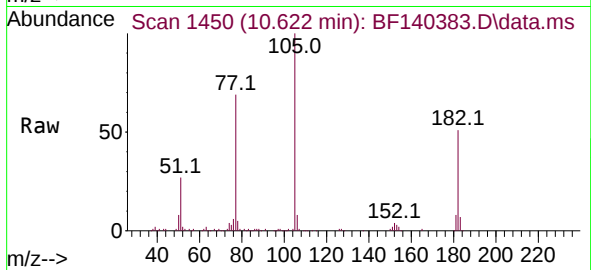
Ion Ratio Lower Upper

77 100

182 73.5 4.6 44.6#

105 145.4 0.9 40.9#

51 39.0 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: BF140383.D

Acq: 15 Nov 2024 00:32

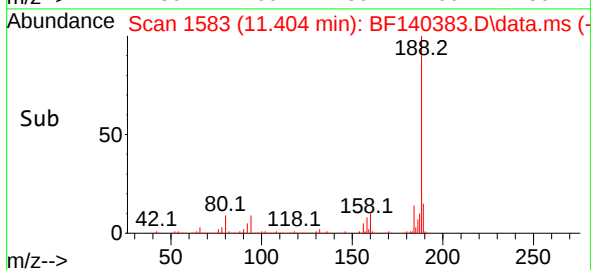
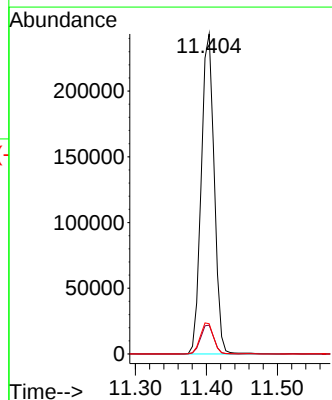
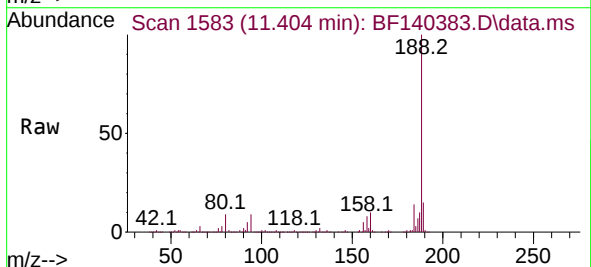
Tgt Ion: 188 Resp: 310423

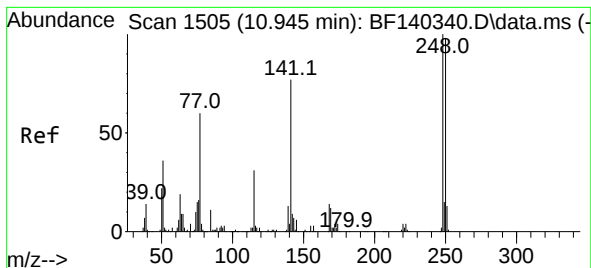
Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 9.4 8.0 12.0

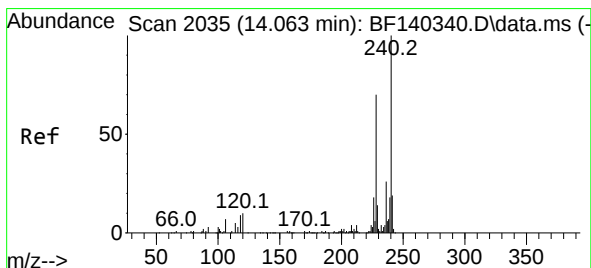
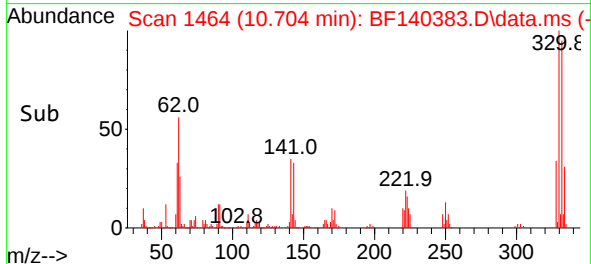
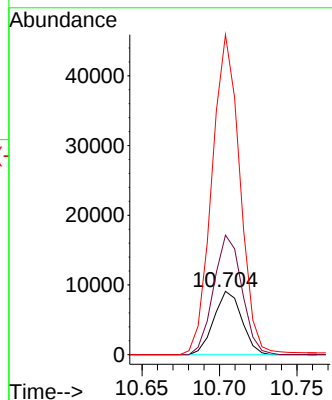
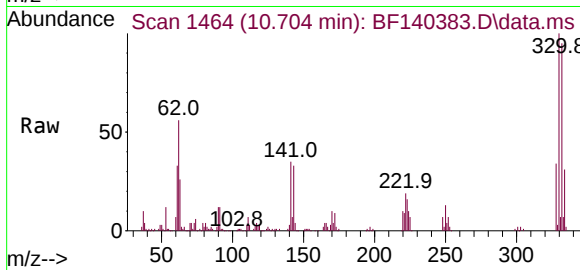




#67
4-Bromophenyl-phenylether
Concen: 3.669 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF140383.D
Acq: 15 Nov 2024 00:32

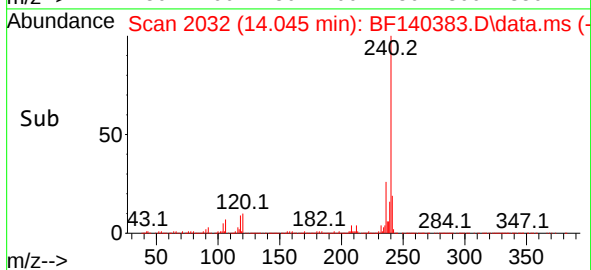
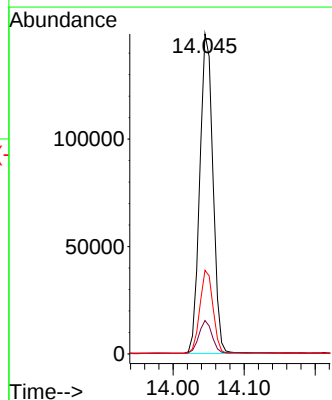
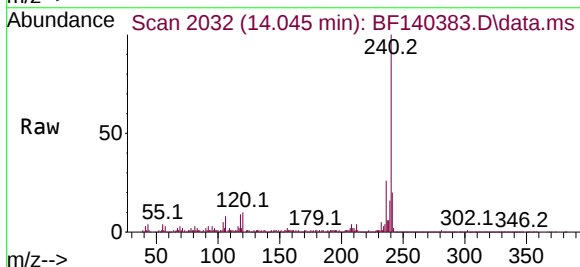
Instrument :
BNA_F
ClientSampleId :
BF-F14

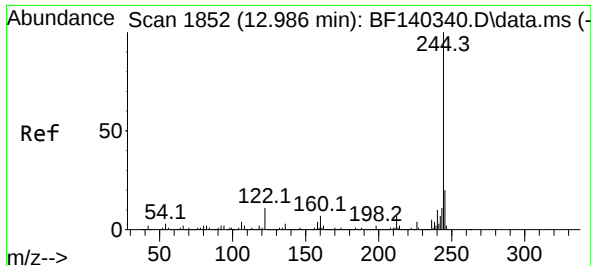
Tgt Ion:248 Resp: 11385
Ion Ratio Lower Upper
248 100
250 188.6 77.9 116.9#
141 505.2 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140383.D
Acq: 15 Nov 2024 00:32

Tgt Ion:240 Resp: 192899
Ion Ratio Lower Upper
240 100
120 10.5 8.8 13.2
236 26.1 20.9 31.3

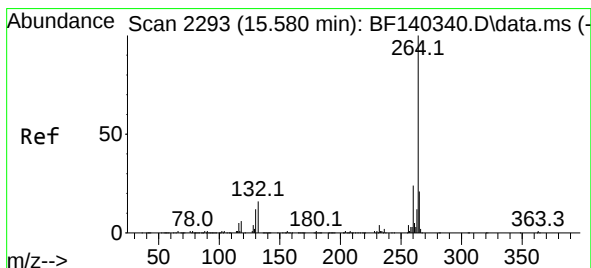
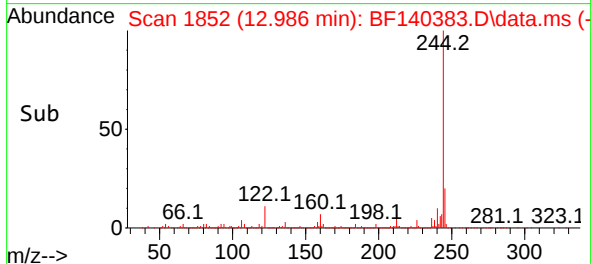
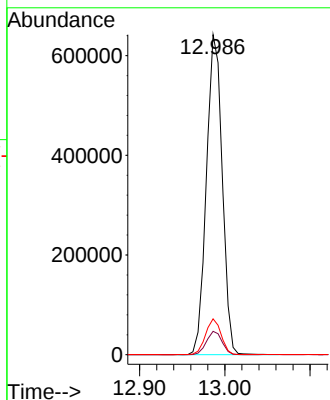
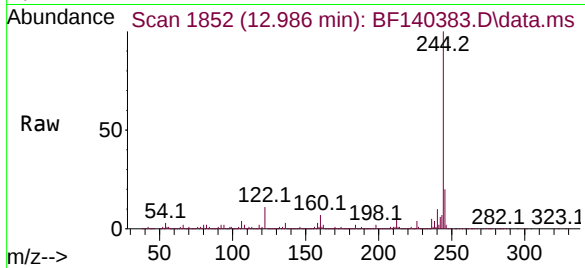




#79
 Terphenyl-d14
 Concen: 74.532 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140383.D
 Acq: 15 Nov 2024 00:32

Instrument :
 BNA_F
 ClientSampleId :
 BF-F14

Tgt Ion:244 Resp: 828271
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.024 min
 Lab File: BF140383.D
 Acq: 15 Nov 2024 00:32

Tgt Ion:264 Resp: 144849
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 20.8 17.1 25.7

