

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
 Data File : BF140404.D
 Acq On : 15 Nov 2024 15:29
 Operator : RC/JU
 Sample : P4807-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BF-F13

Quant Time: Nov 15 15:55:39 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)

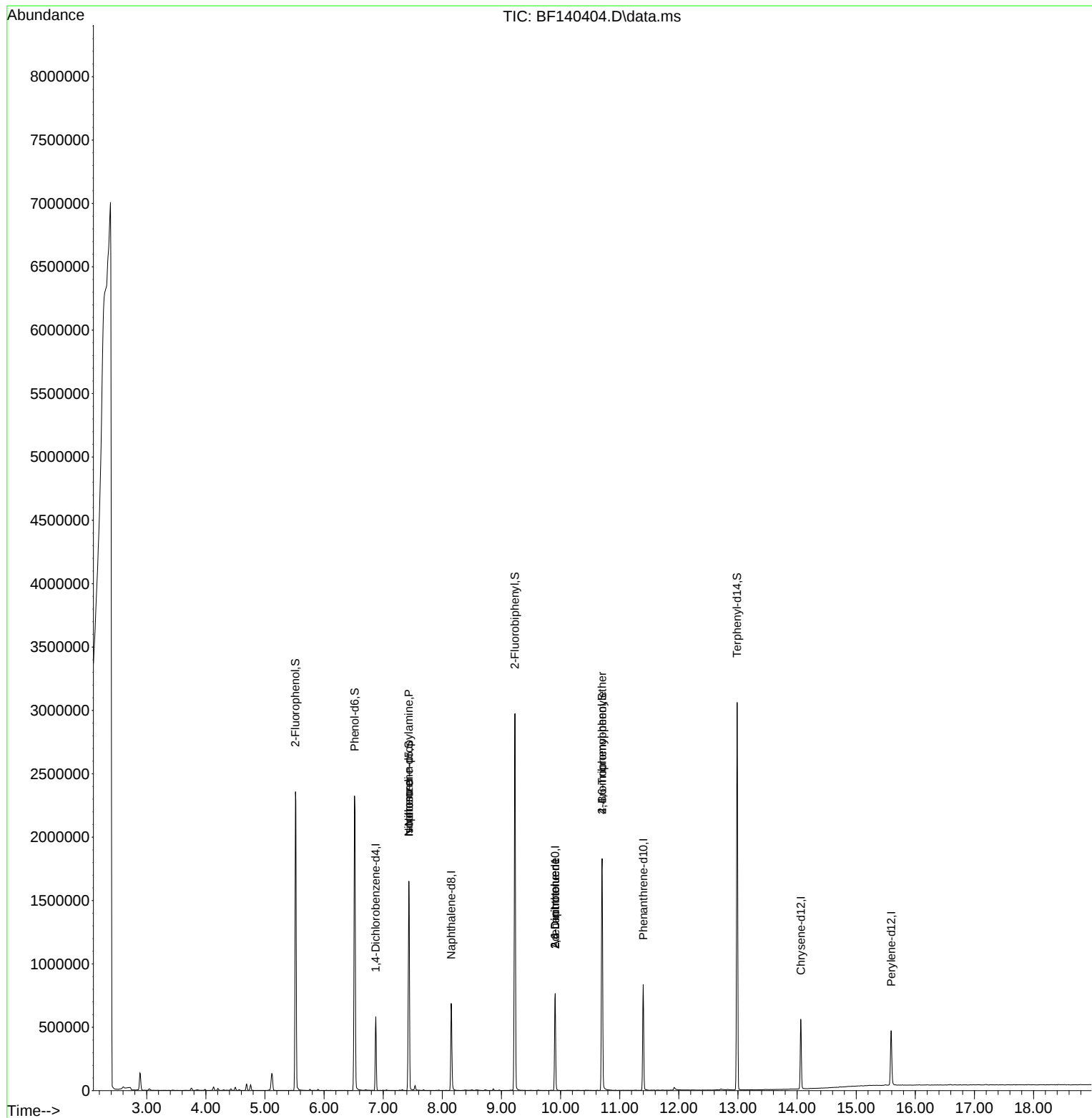
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	118192	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	439775	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	235073	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	442600	20.000	ng	0.00
76) Chrysene-d12	14.063	240	265852	20.000	ng	0.01
86) Perylene-d12	15.592	264	260966	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	905853	130.858	ng	0.02
7) Phenol-d6	6.516	99	1161491	123.843	ng	0.01
23) Nitrobenzene-d5	7.434	82	783036	92.771	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	327073	139.917	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1334260	91.243	ng	0.00
79) Terphenyl-d14	12.986	244	1486820	97.077	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	105030	18.542	ng	# 78
25) Isophorone	7.434	82	776134	51.884	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	30434	8.713	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	30434	6.620	ng	# 20
67) 4-Bromophenyl-phenylether	10.704	248	21399	4.837	ng	# 1

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

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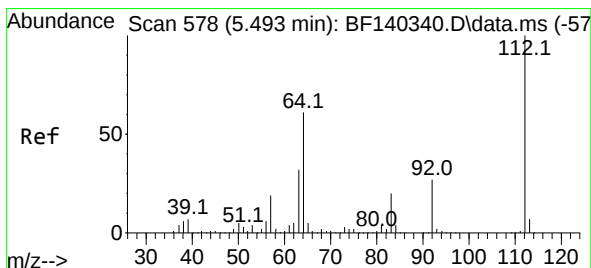
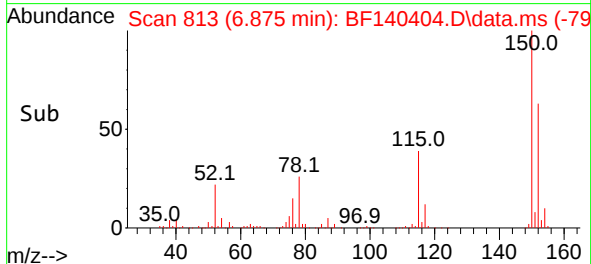
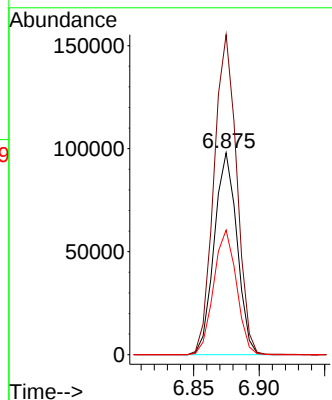
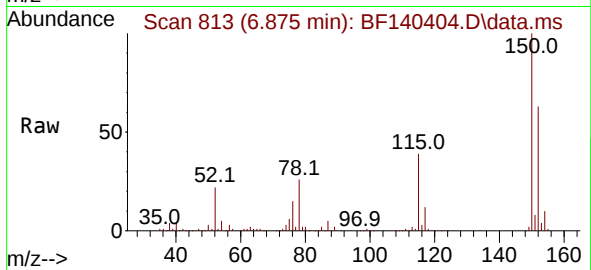




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140404.D
Acq: 15 Nov 2024 15:29

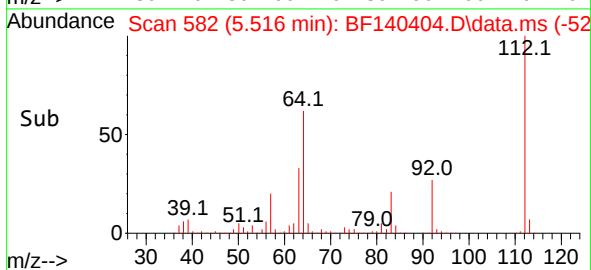
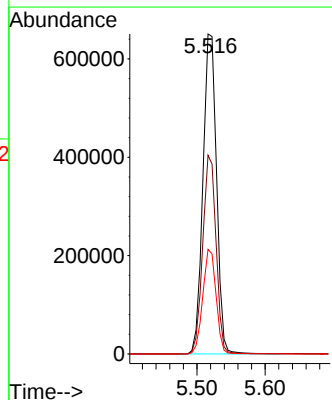
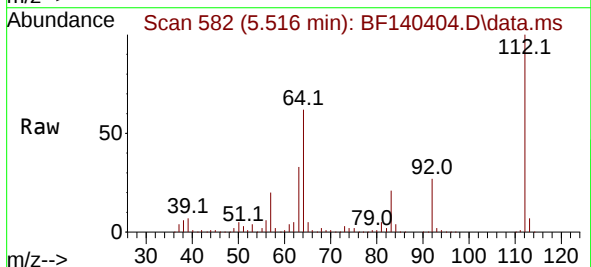
Instrument :
BNA_F
ClientSampleId :
BF-F13

Tgt Ion:152 Resp: 118192
Ion Ratio Lower Upper
152 100
150 158.5 127.4 191.0
115 61.7 47.4 71.2



#5
2-Fluorophenol
Concen: 130.858 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF140404.D
Acq: 15 Nov 2024 15:29

Tgt Ion:112 Resp: 905853
Ion Ratio Lower Upper
112 100
64 62.1 49.2 73.8
63 32.7 25.6 38.4

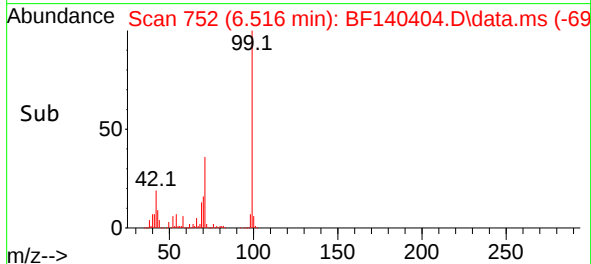
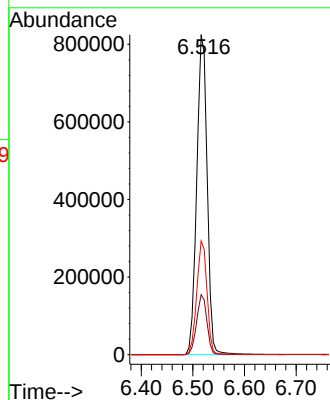
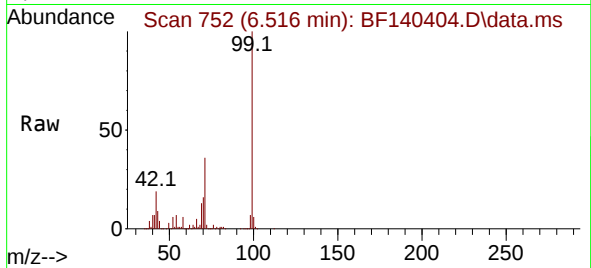




#7
Phenol-d6
Concen: 123.843 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140404.D
Acq: 15 Nov 2024 15:29

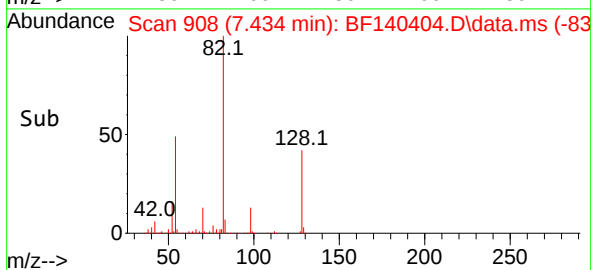
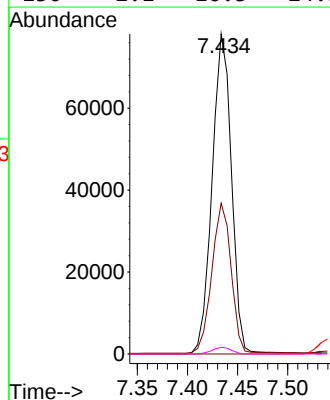
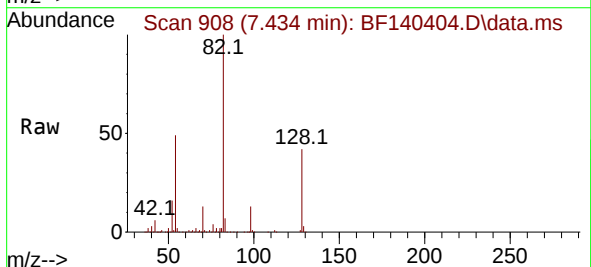
Instrument :
BNA_F
ClientSampleId :
BF-F13

Tgt Ion: 99 Resp: 1161491
Ion Ratio Lower Upper
99 100
42 18.8 15.1 22.7
71 35.6 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.542 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140404.D
Acq: 15 Nov 2024 15:29

Tgt Ion: 70 Resp: 105030
Ion Ratio Lower Upper
70 100
42 47.1 46.8 70.2
101 0.0 7.5 11.3#
130 2.1 16.3 24.5#

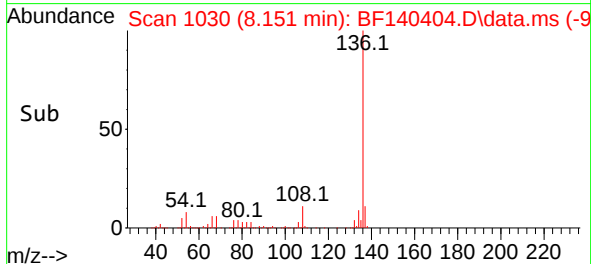
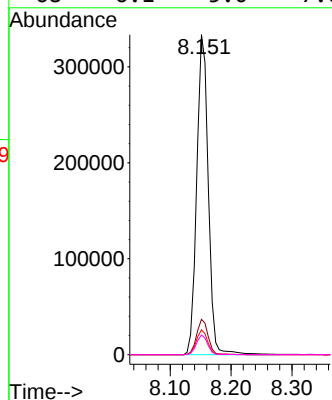
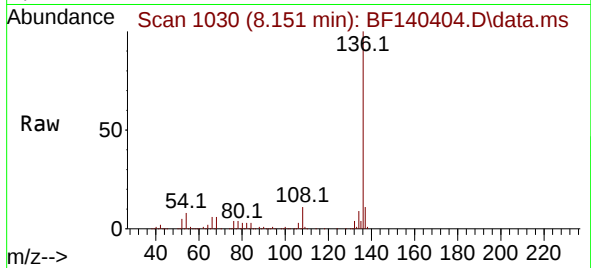




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140404.D
Acq: 15 Nov 2024 15:29

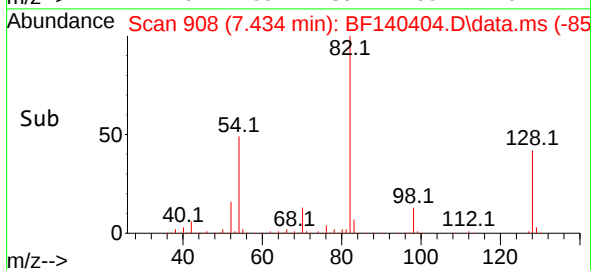
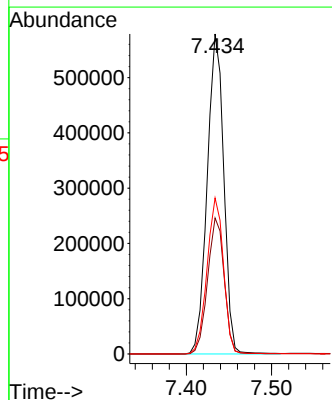
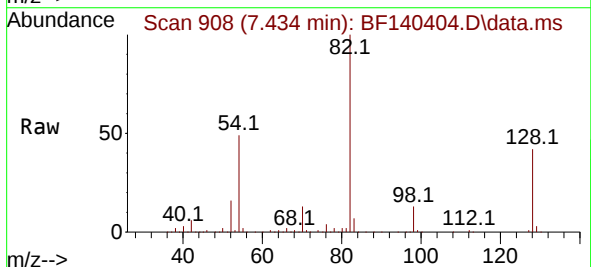
Instrument :
BNA_F
ClientSampleId :
BF-F13

Tgt Ion:136 Resp: 439775
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.7 6.5 9.7
68 6.1 5.0 7.6



#23
Nitrobenzene-d5
Concen: 92.771 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140404.D
Acq: 15 Nov 2024 15:29

Tgt Ion: 82 Resp: 783036
Ion Ratio Lower Upper
82 100
128 42.5 33.3 49.9
54 48.7 39.8 59.8

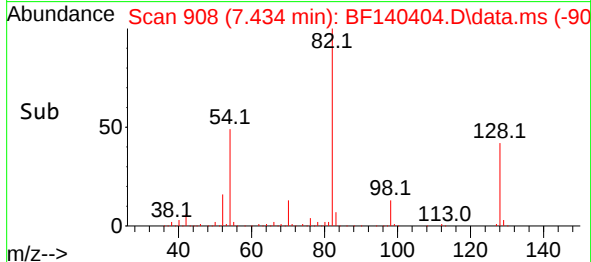
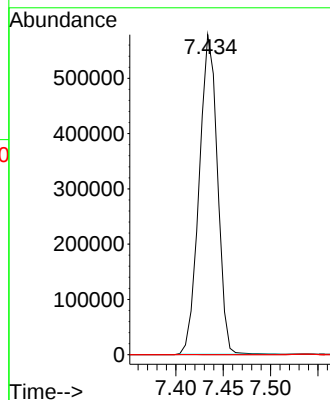
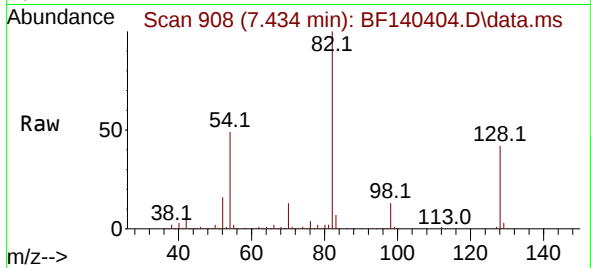




#25
Isophorone
Concen: 51.884 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140404.D
Acq: 15 Nov 2024 15:29

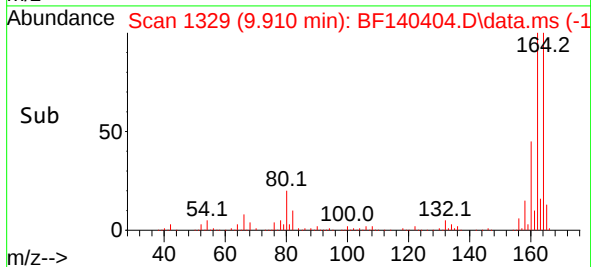
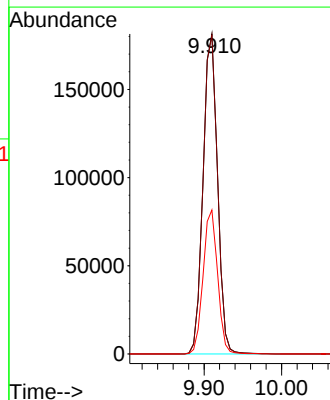
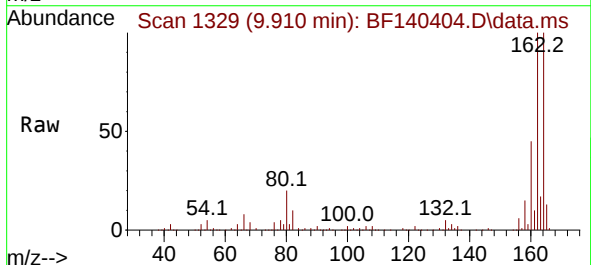
Instrument :
BNA_F
ClientSampleId :
BF-F13

Tgt Ion: 82 Resp: 776134
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: BF140404.D
Acq: 15 Nov 2024 15:29

Tgt Ion: 164 Resp: 235073
Ion Ratio Lower Upper
164 100
162 99.6 79.8 119.8
160 45.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 139.917 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140404.D

Acq: 15 Nov 2024 15:29

Instrument :

BNA_F

ClientSampleId :

BF-F13

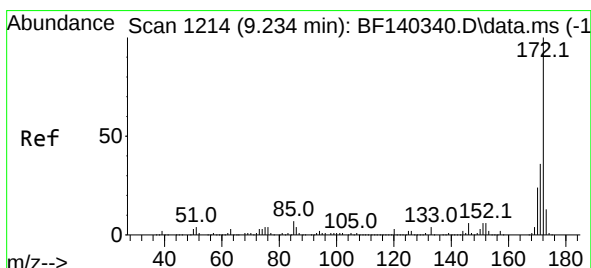
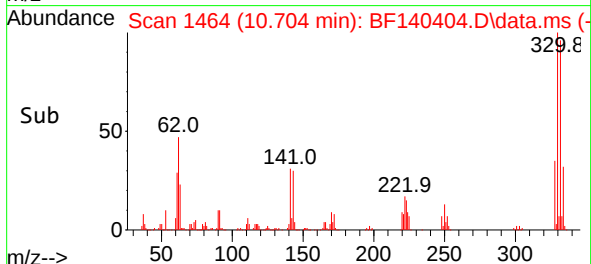
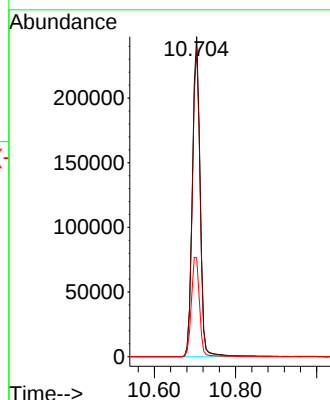
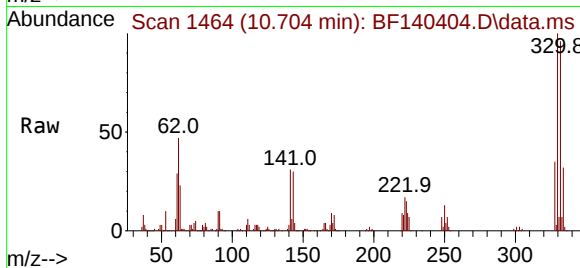
Tgt Ion:330 Resp: 327073

Ion Ratio Lower Upper

330 100

332 96.5 75.9 113.9

141 32.9 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 91.243 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140404.D

Acq: 15 Nov 2024 15:29

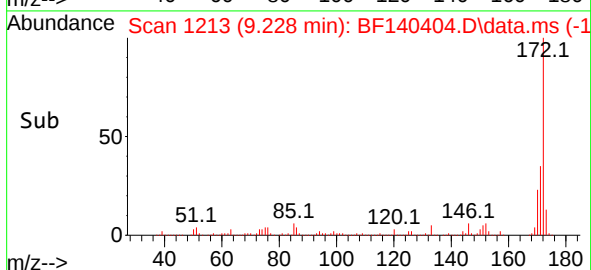
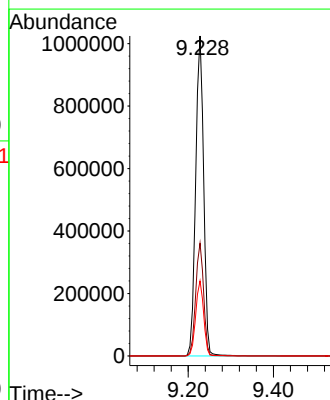
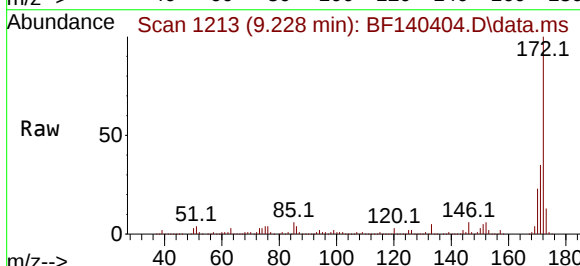
Tgt Ion:172 Resp: 1334260

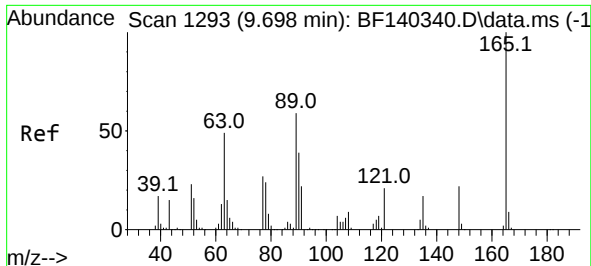
Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 23.5 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.713 ng

RT: 9.910 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF140404.D

Acq: 15 Nov 2024 15:29

Instrument :

BNA_F

ClientSampleId :

BF-F13

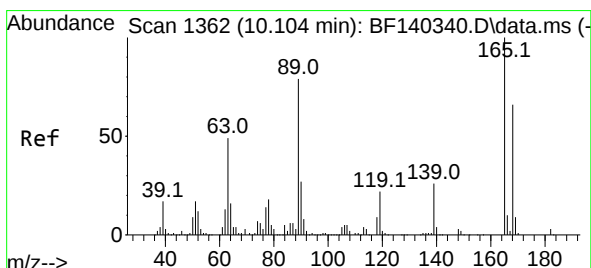
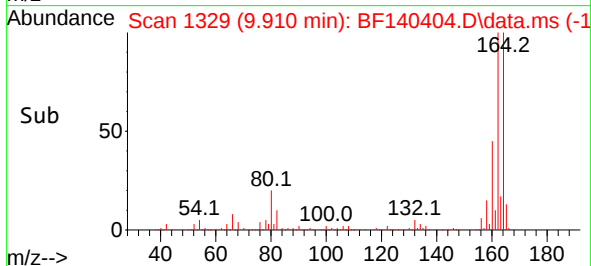
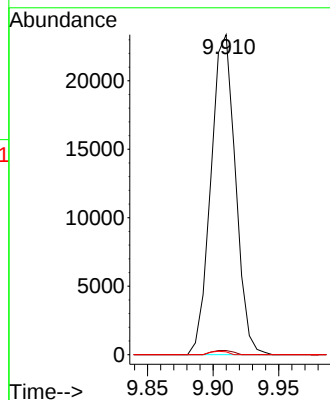
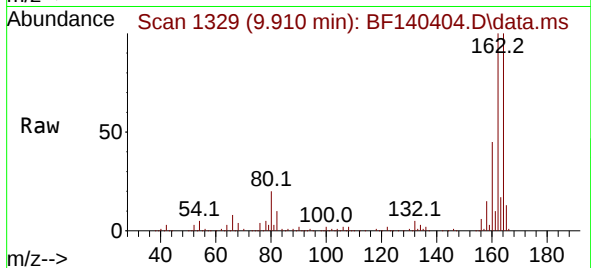
Tgt Ion:165 Resp: 30434

Ion Ratio Lower Upper

165 100

63 1.3 47.6 71.4#

89 0.9 48.1 72.1#



#57

2,4-Dinitrotoluene

Concen: 6.620 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.194 min

Lab File: BF140404.D

Acq: 15 Nov 2024 15:29

Tgt Ion:165 Resp: 30434

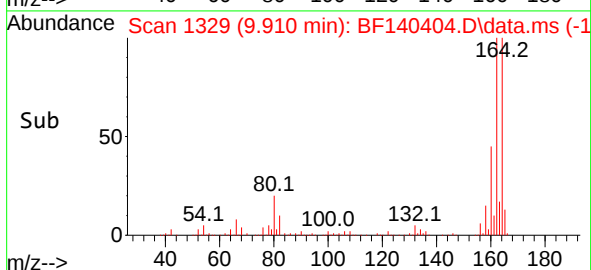
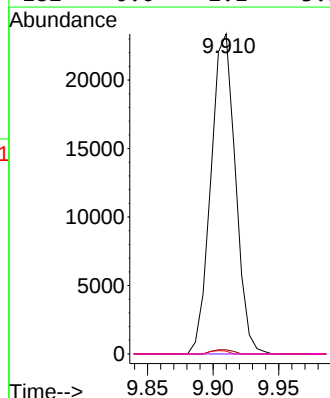
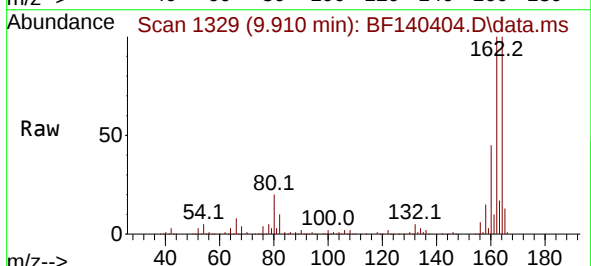
Ion Ratio Lower Upper

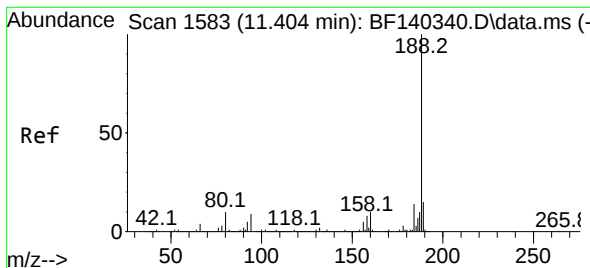
165 100

63 1.3 39.4 59.0#

89 0.9 62.4 93.6#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140404.D

Acq: 15 Nov 2024 15:29

Instrument :

BNA_F

ClientSampleId :

BF-F13

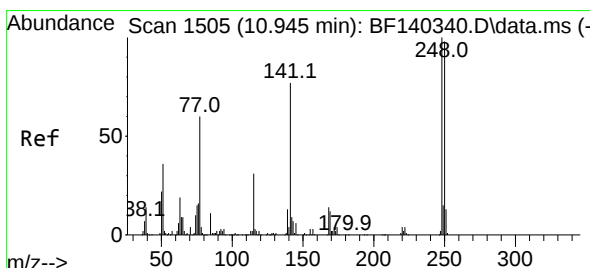
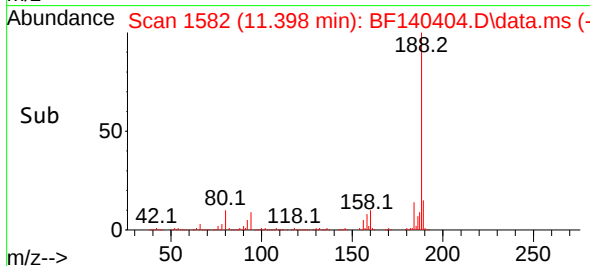
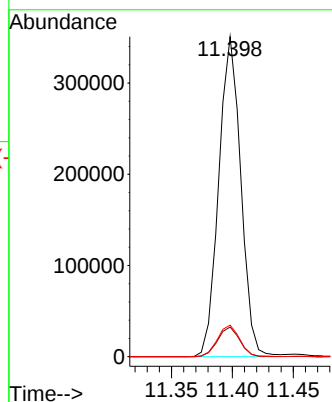
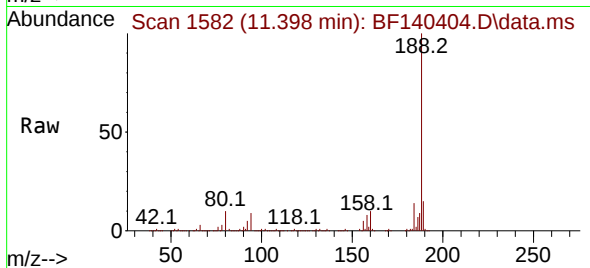
Tgt Ion:188 Resp: 442600

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 9.9 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 4.837 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF140404.D

Acq: 15 Nov 2024 15:29

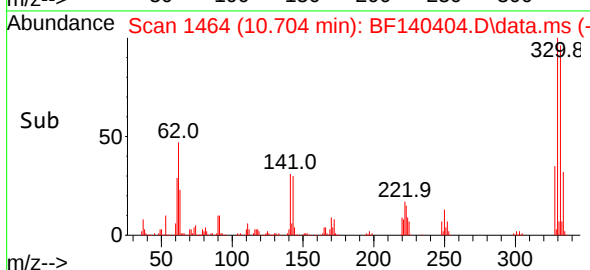
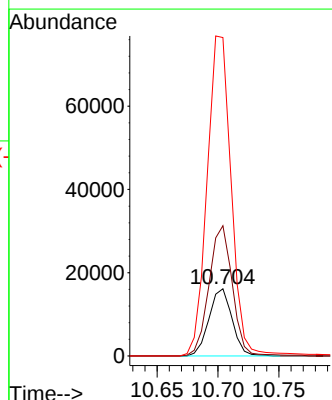
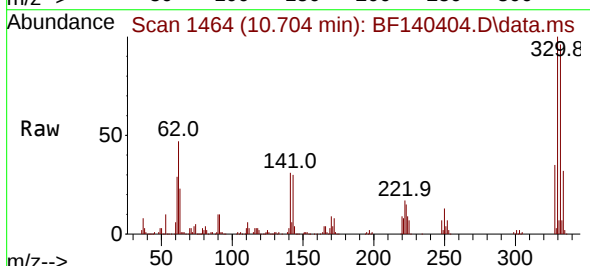
Tgt Ion:248 Resp: 21399

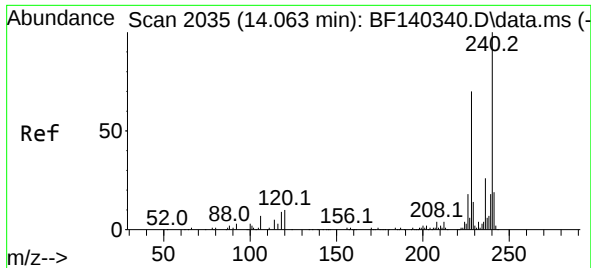
Ion Ratio Lower Upper

248 100

250 193.8 77.9 116.9#

141 473.5 61.8 92.6#

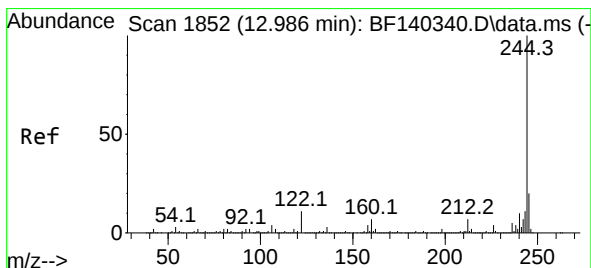
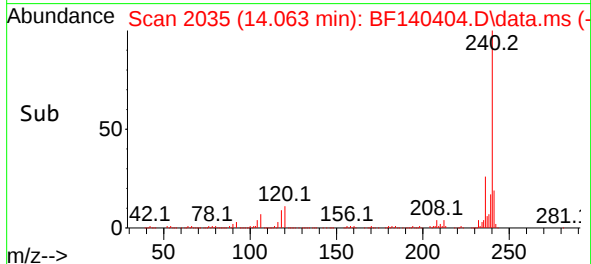
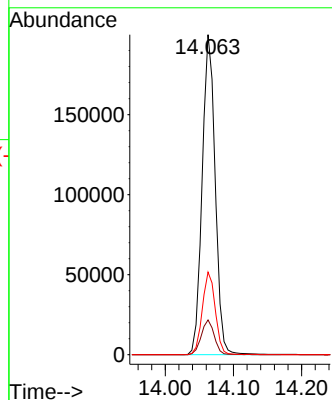
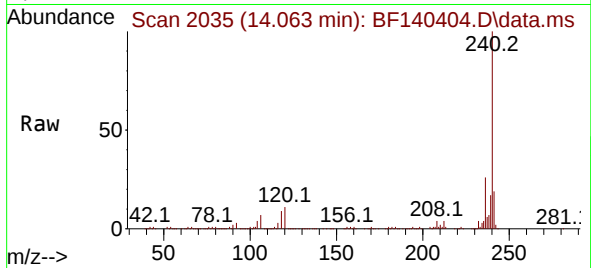




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.012 min
Lab File: BF140404.D
Acq: 15 Nov 2024 15:29

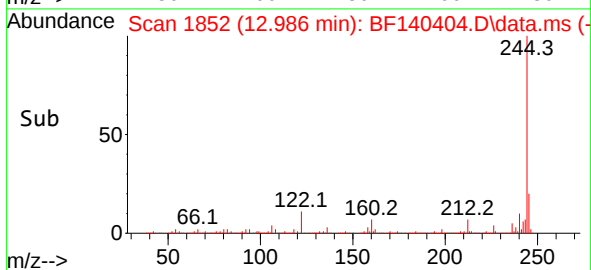
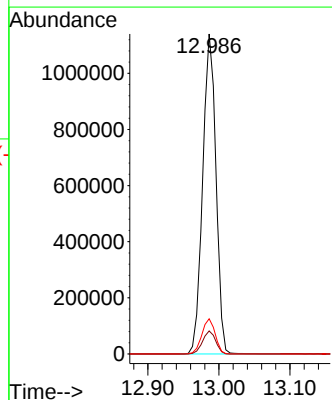
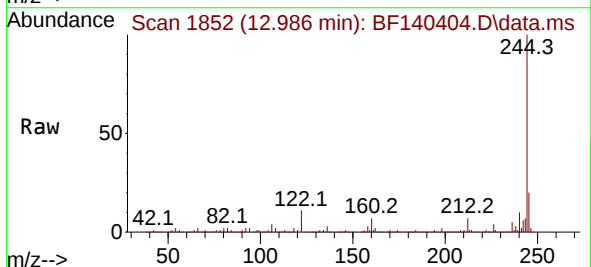
Instrument :
BNA_F
ClientSampleId :
BF-F13

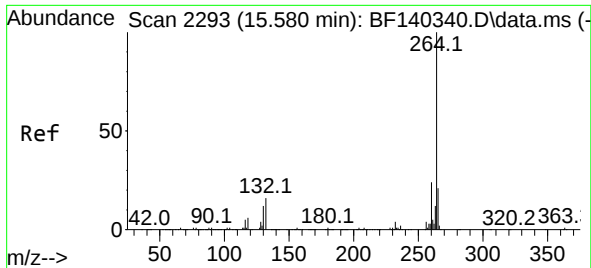
Tgt Ion:240 Resp: 265852
Ion Ratio Lower Upper
240 100
120 10.8 8.8 13.2
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 97.077 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BF140404.D
Acq: 15 Nov 2024 15:29

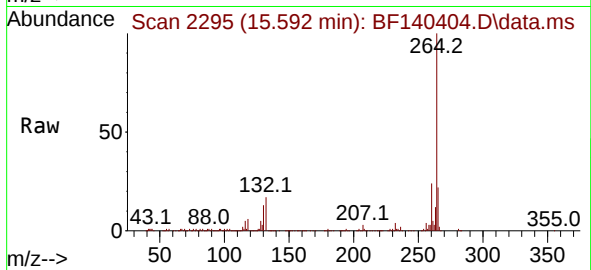
Tgt Ion:244 Resp: 1486820
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 11.0 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 21
 Delta R.T. 0.035 min
 Lab File: BF140404.D
 Acq: 15 Nov 2024 15:29

Instrument :
 BNA_F
 ClientSampleId :
 BF-F13



Tgt Ion:264 Resp: 260966
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.6 17.1 25.7

