

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
 Data File : BF140454.D
 Acq On : 18 Nov 2024 15:11
 Operator : RC/JU
 Sample : PB164880TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164880TB

Quant Time: Nov 18 15:49:25 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)

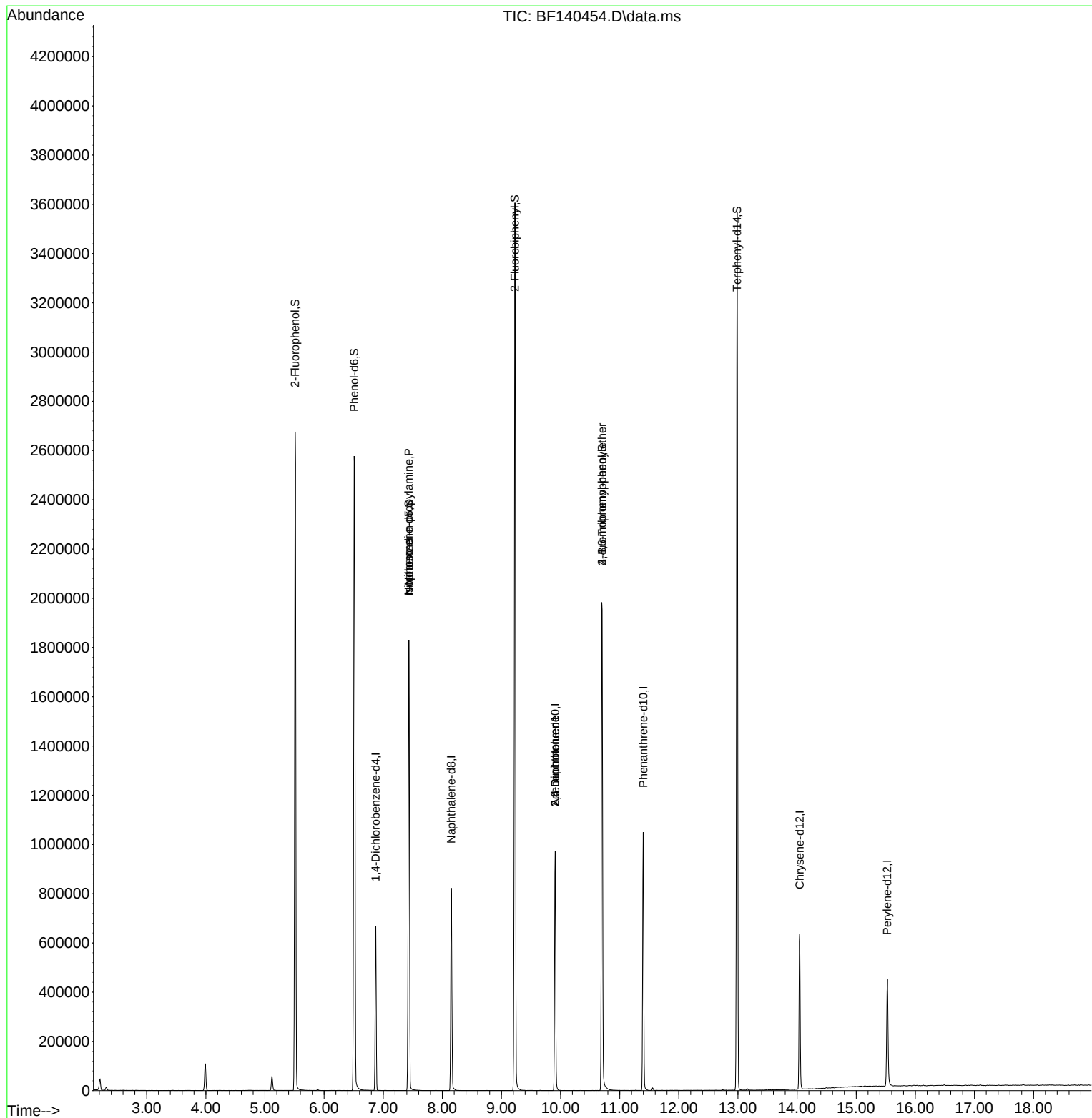
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	143228	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	544631	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	305822	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	567297	20.000	ng	0.00
76) Chrysene-d12	14.045	240	318470	20.000	ng	0.00
86) Perylene-d12	15.527	264	278143	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1035018	123.382	ng	0.02
7) Phenol-d6	6.510	99	1367845	120.352	ng	0.00
23) Nitrobenzene-d5	7.434	82	903841	86.467	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	373832	122.924	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1658431	87.175	ng	0.00
79) Terphenyl-d14	12.986	244	1774037	96.692	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	120695	17.583	ng	# 77
25) Isophorone	7.434	82	896710	48.403	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	38631	8.501	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	38631	6.459	ng	# 20
67) 4-Bromophenyl-phenylether	10.704	248	24127	4.255	ng	# 1

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

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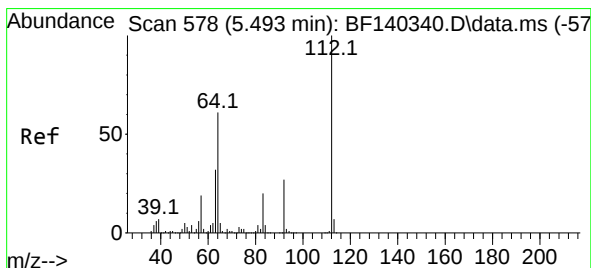
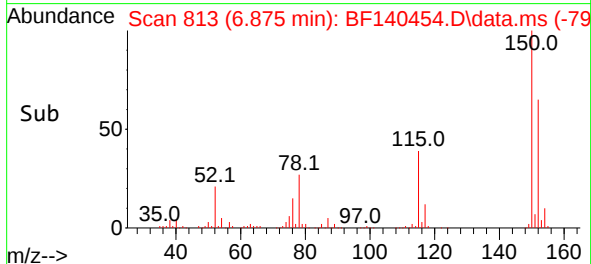
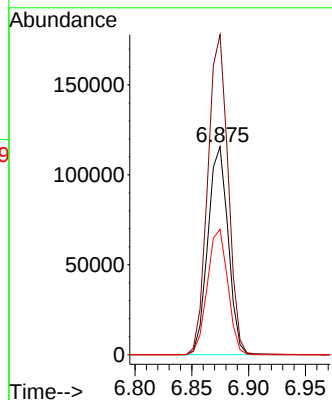
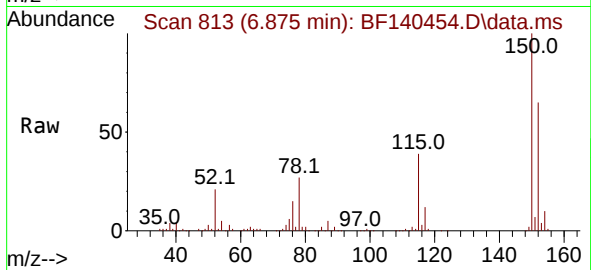




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140454.D
Acq: 18 Nov 2024 15:11

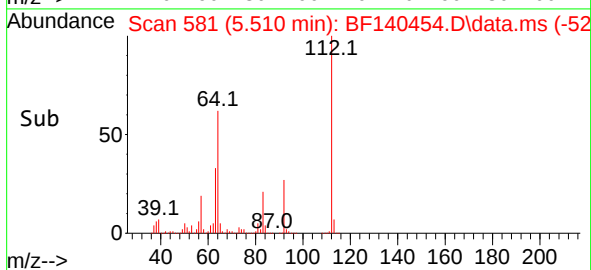
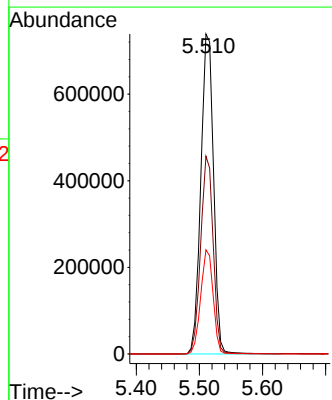
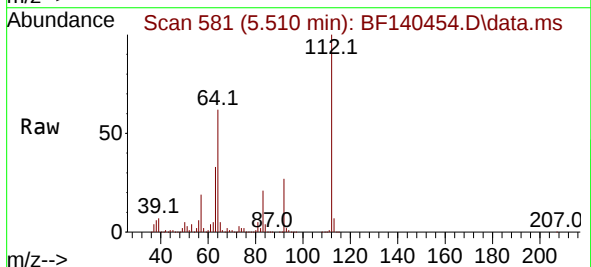
Instrument :
BNA_F
ClientSampleId :
PB164880TB

Tgt Ion:152 Resp: 143228
Ion Ratio Lower Upper
152 100
150 153.8 127.4 191.0
115 60.3 47.4 71.2



#5
2-Fluorophenol
Concen: 123.382 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140454.D
Acq: 18 Nov 2024 15:11

Tgt Ion:112 Resp: 1035018
Ion Ratio Lower Upper
112 100
64 61.8 49.2 73.8
63 32.6 25.6 38.4

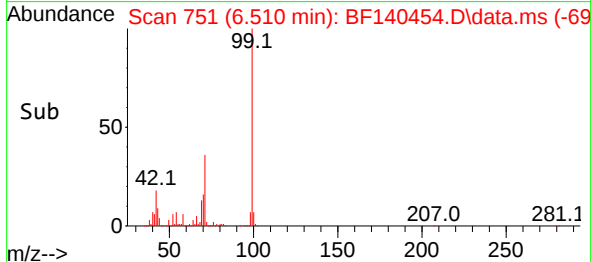
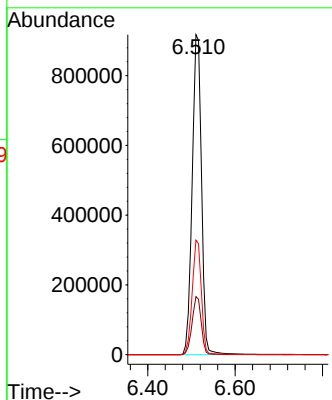
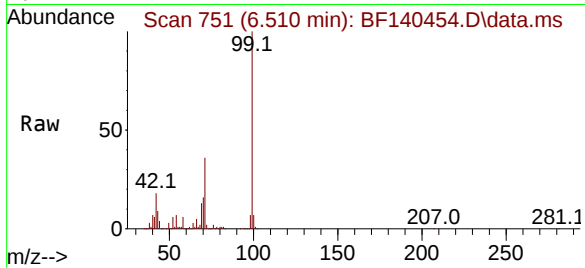




#7
Phenol-d6
Concen: 120.352 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140454.D
Acq: 18 Nov 2024 15:11

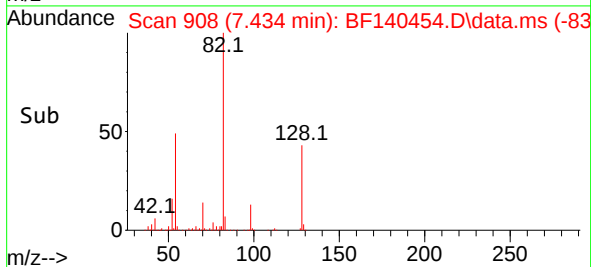
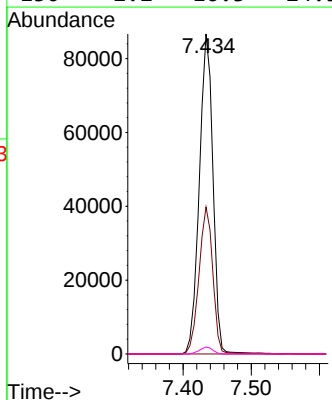
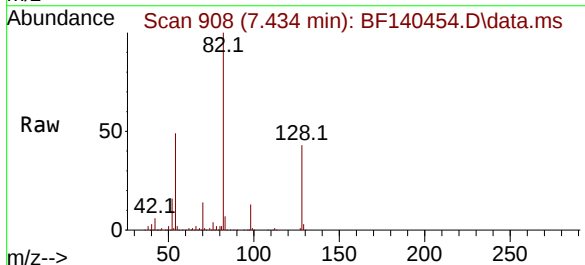
Instrument :
BNA_F
ClientSampleId :
PB164880TB

Tgt Ion: 99 Resp: 1367845
Ion Ratio Lower Upper
99 100
42 18.2 15.1 22.7
71 35.8 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.583 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140454.D
Acq: 18 Nov 2024 15:11

Tgt Ion: 70 Resp: 120695
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#

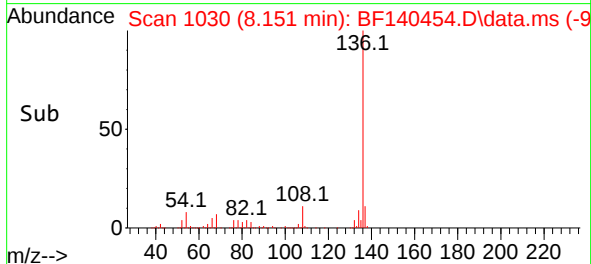
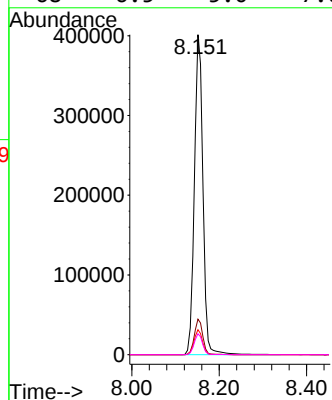
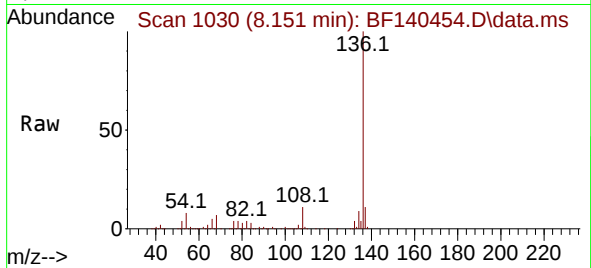




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140454.D
Acq: 18 Nov 2024 15:11

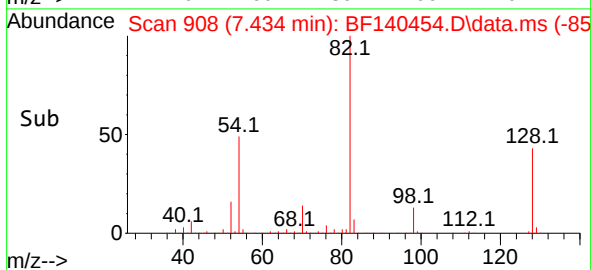
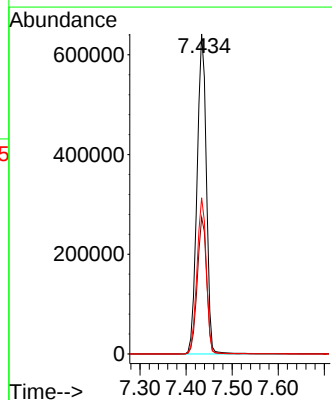
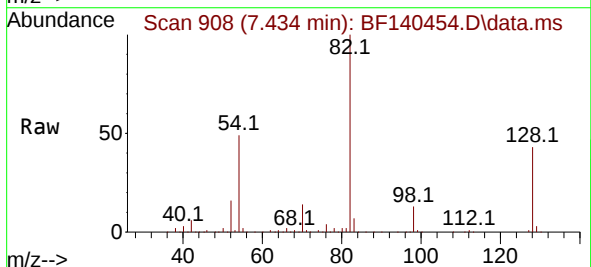
Instrument :
BNA_F
ClientSampleId :
PB164880TB

Tgt Ion:136 Resp: 544631
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.8 6.5 9.7
68 6.5 5.0 7.6



#23
Nitrobenzene-d5
Concen: 86.467 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140454.D
Acq: 18 Nov 2024 15:11

Tgt Ion: 82 Resp: 903841
Ion Ratio Lower Upper
82 100
128 42.7 33.3 49.9
54 48.8 39.8 59.8

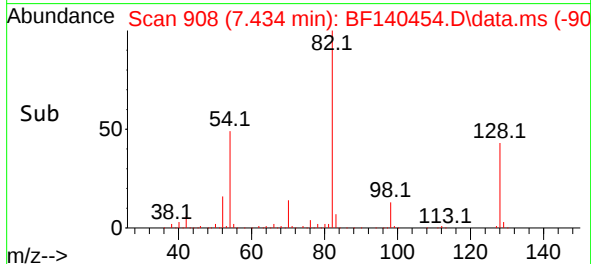
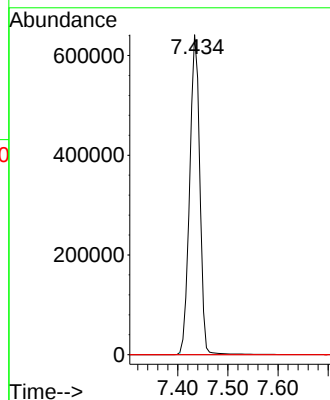
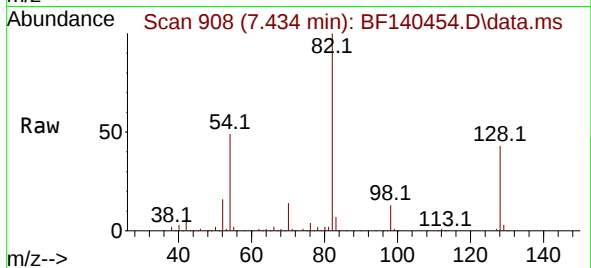




#25
Isophorone
Concen: 48.403 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140454.D
Acq: 18 Nov 2024 15:11

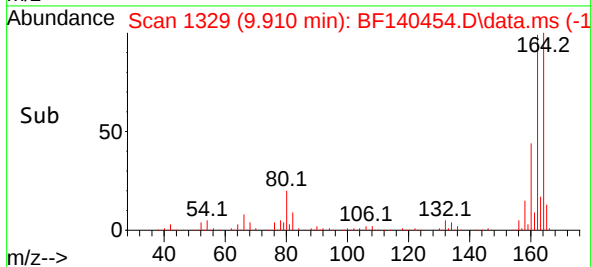
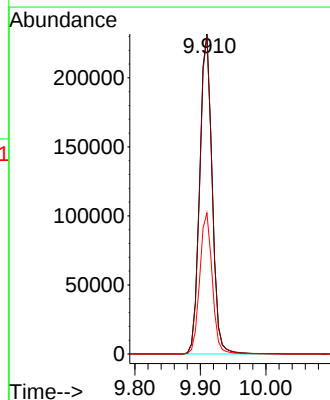
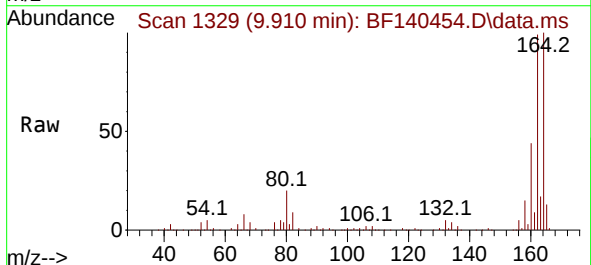
Instrument :
BNA_F
ClientSampleId :
PB164880TB

Tgt Ion: 82 Resp: 896710
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: BF140454.D
Acq: 18 Nov 2024 15:11

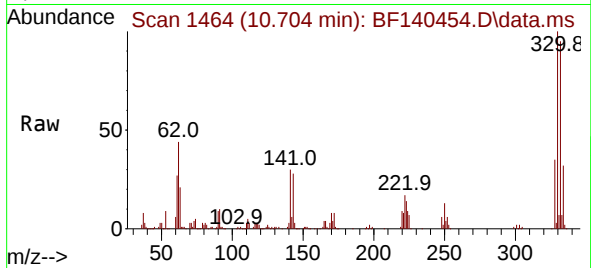
Tgt Ion: 164 Resp: 305822
Ion Ratio Lower Upper
164 100
162 99.4 79.8 119.8
160 44.1 35.4 53.0



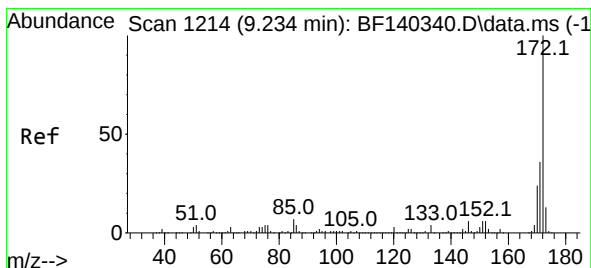
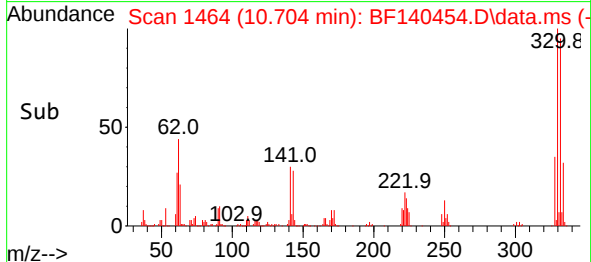
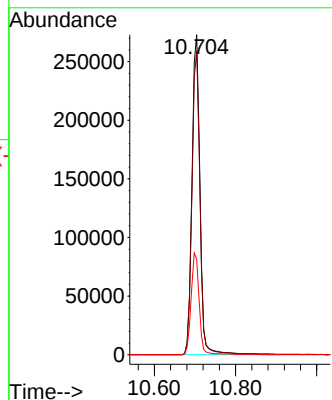


#42
2,4,6-Tribromophenol
Concen: 122.924 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140454.D
Acq: 18 Nov 2024 15:11

Instrument :
BNA_F
ClientSampleId :
PB164880TB

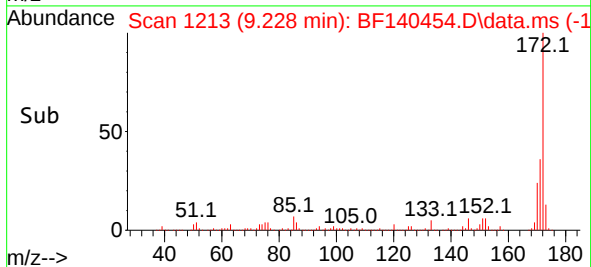
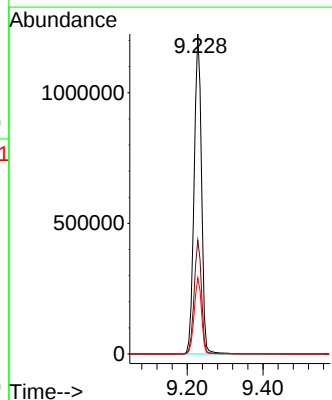
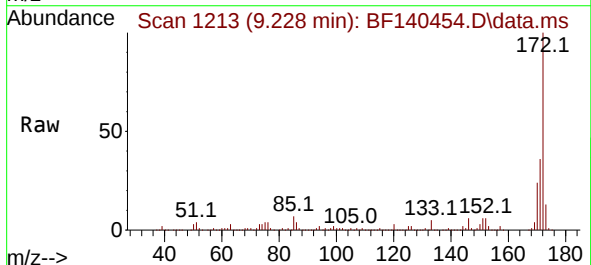


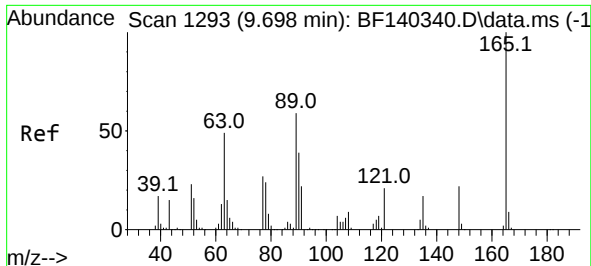
Tgt Ion: 330 Resp: 373832
Ion Ratio Lower Upper
330 100
332 95.0 75.9 113.9
141 32.1 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 87.175 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140454.D
Acq: 18 Nov 2024 15:11

Tgt Ion: 172 Resp: 1658431
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.8 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.501 ng

RT: 9.910 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF140454.D

Acq: 18 Nov 2024 15:11

Instrument :

BNA_F

ClientSampleId :

PB164880TB

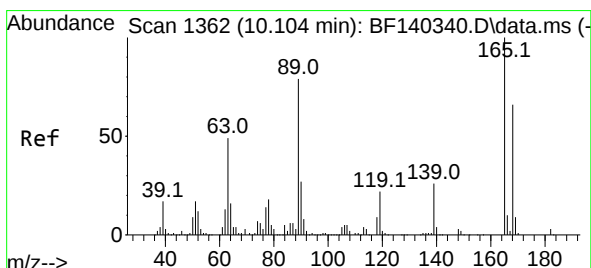
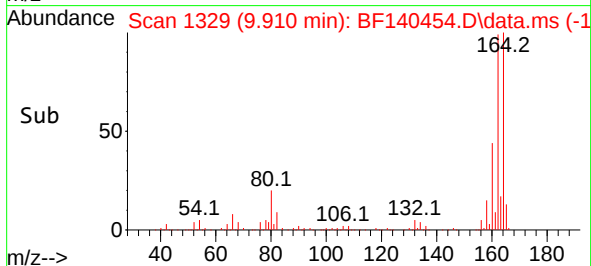
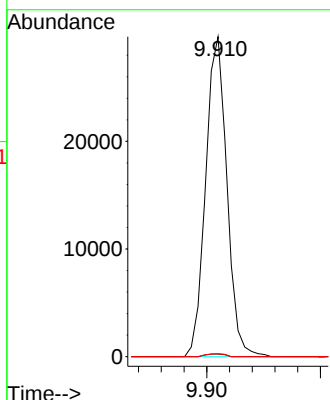
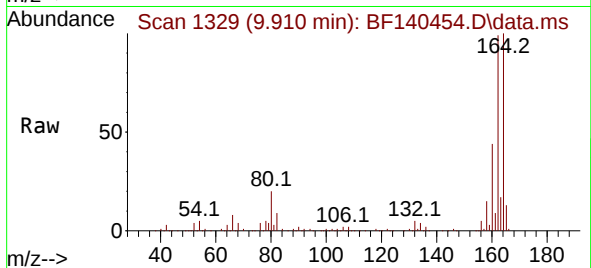
Tgt Ion:165 Resp: 38631

Ion Ratio Lower Upper

165 100

63 0.8 47.6 71.4#

89 1.0 48.1 72.1#



#57

2,4-Dinitrotoluene

Concen: 6.459 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.194 min

Lab File: BF140454.D

Acq: 18 Nov 2024 15:11

Tgt Ion:165 Resp: 38631

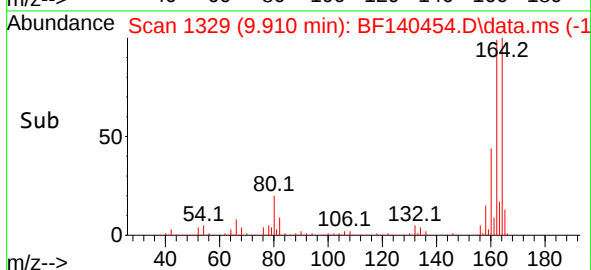
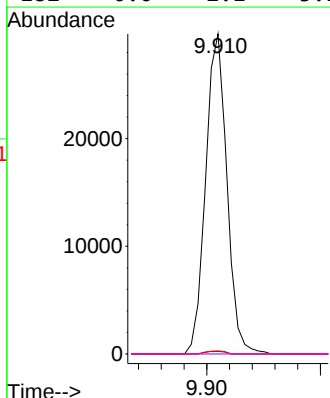
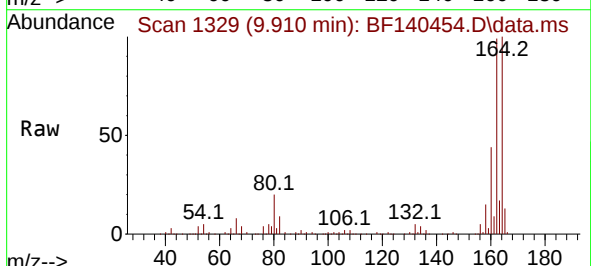
Ion Ratio Lower Upper

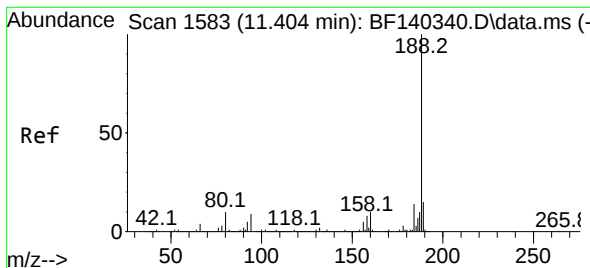
165 100

63 0.8 39.4 59.0#

89 1.0 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: BF140454.D

Acq: 18 Nov 2024 15:11

Instrument :

BNA_F

ClientSampleId :

PB164880TB

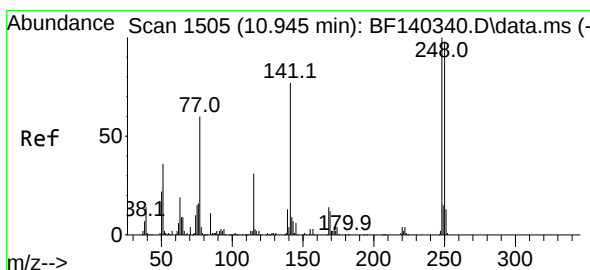
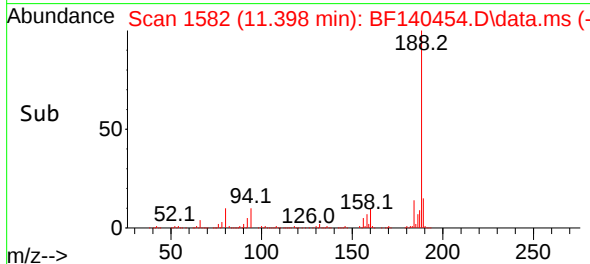
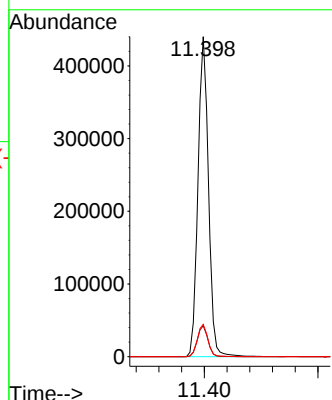
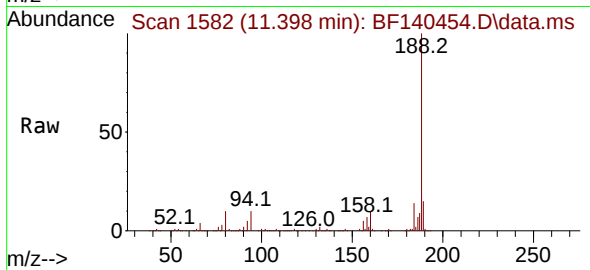
Tgt Ion:188 Resp: 567297

Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

80 10.1 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 4.255 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF140454.D

Acq: 18 Nov 2024 15:11

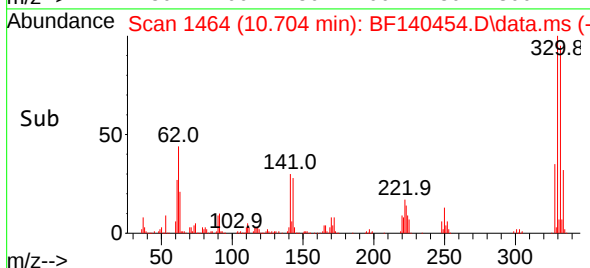
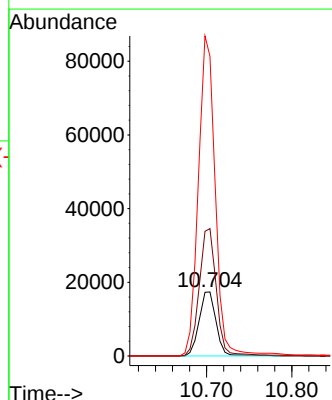
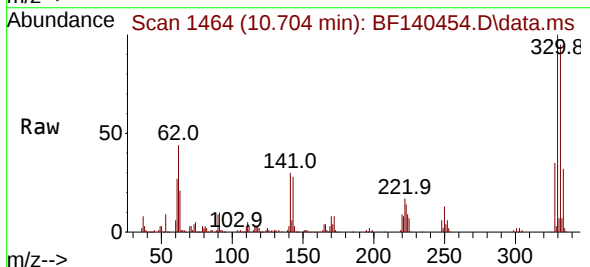
Tgt Ion:248 Resp: 24127

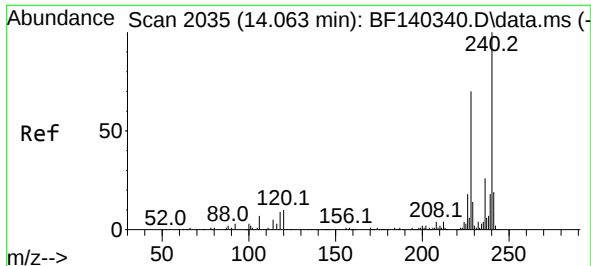
Ion Ratio Lower Upper

248 100

250 198.8 77.9 116.9#

141 467.7 61.8 92.6#

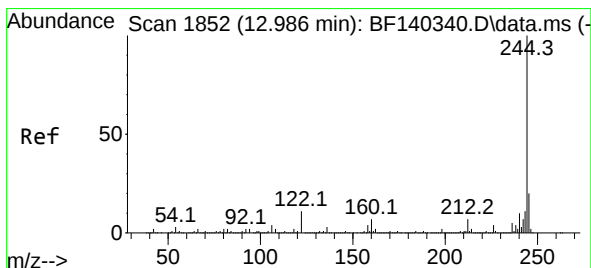
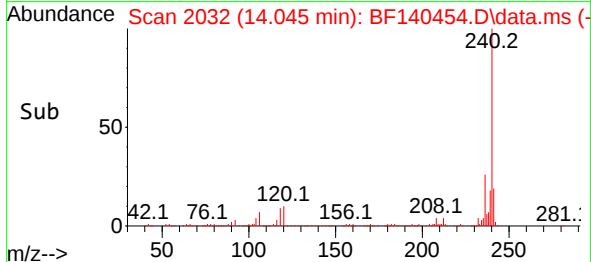
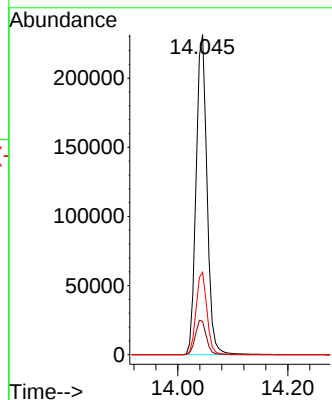
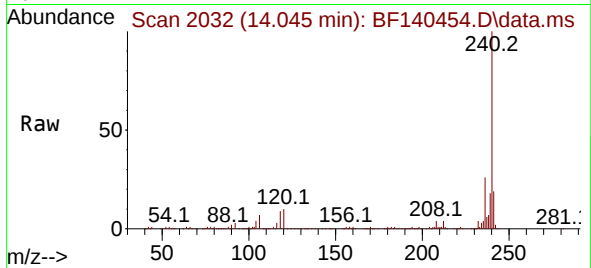




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140454.D
Acq: 18 Nov 2024 15:11

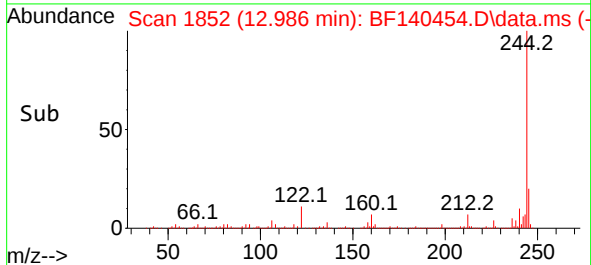
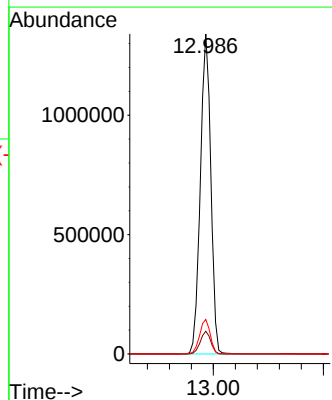
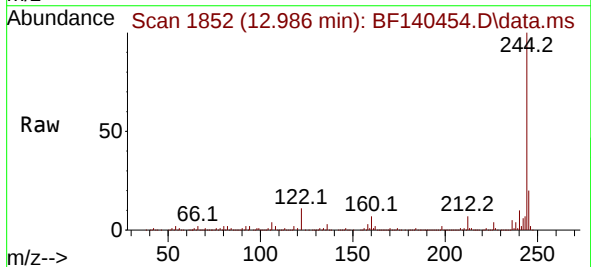
Instrument :
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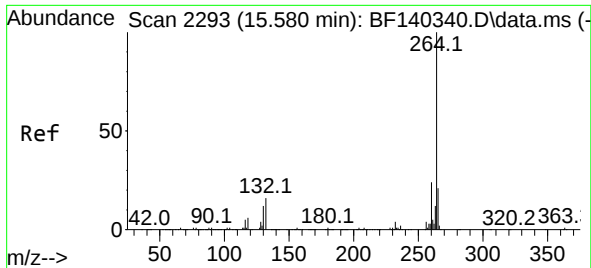
Tgt Ion:240 Resp: 318470
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 96.692 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BF140454.D
Acq: 18 Nov 2024 15:11

Tgt Ion:244 Resp: 1774037
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.8 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: BF140454.D
 Acq: 18 Nov 2024 15:11

Instrument :
 BNA_F
 ClientSampleId :
 PB164880TB

Tgt Ion:264 Resp: 278143
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.5 17.1 25.7

