

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
 Data File : BF140450.D
 Acq On : 18 Nov 2024 13:16
 Operator : RC/JU
 Sample : PB164965BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164965BL

Quant Time: Nov 18 13:48:19 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)

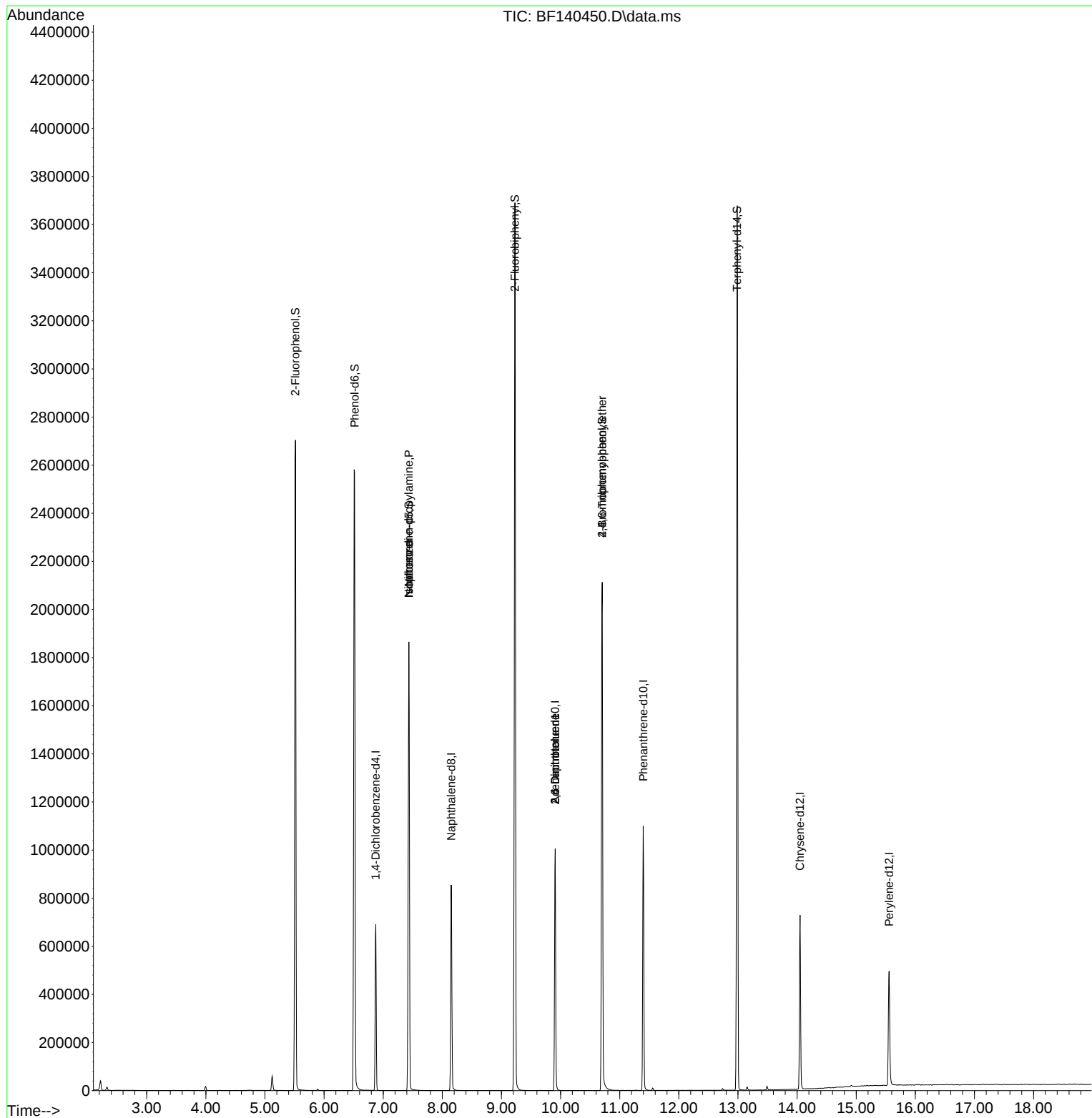
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	144896	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	563652	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	318980	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	593681	20.000	ng	0.00
76) Chrysene-d12	14.051	240	354119	20.000	ng	0.00
86) Perylene-d12	15.557	264	299346	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1065268	125.526	ng	0.02
7) Phenol-d6	6.516	99	1384165	120.386	ng	0.01
23) Nitrobenzene-d5	7.434	82	921212	85.155	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	392832	123.843	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1714983	86.429	ng	0.00
79) Terphenyl-d14	12.986	244	1866670	91.499	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	125776	18.112	ng	# 76
25) Isophorone	7.434	82	911497	47.541	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	41254	8.703	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	41254	6.613	ng	# 20
67) 4-Bromophenyl-phenylether	10.704	248	24692	4.161	ng	# 1

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

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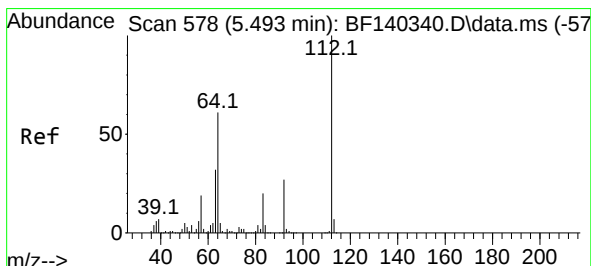
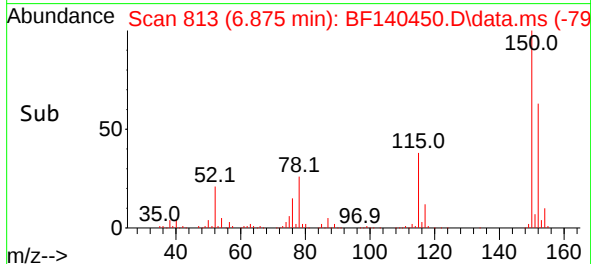
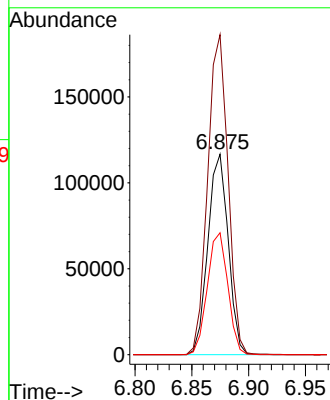
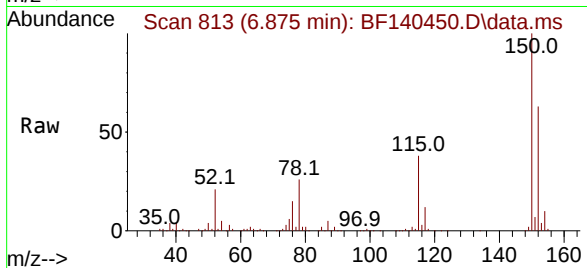




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140450.D
Acq: 18 Nov 2024 13:16

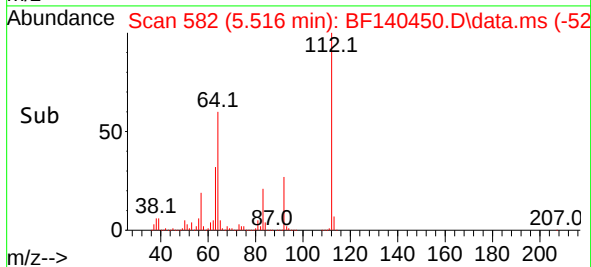
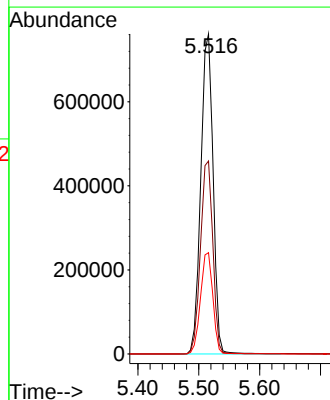
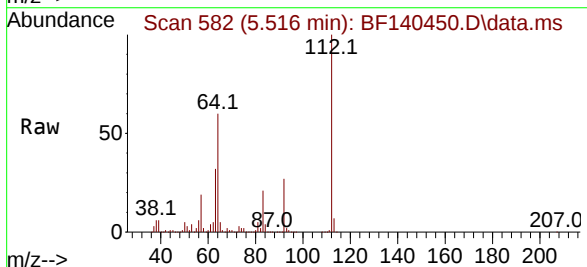
Instrument :
BNA_F
ClientSampleId :
PB164965BL

Tgt Ion:152 Resp: 144896
Ion Ratio Lower Upper
152 100
150 159.6 127.4 191.0
115 60.8 47.4 71.2



#5
2-Fluorophenol
Concen: 125.526 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF140450.D
Acq: 18 Nov 2024 13:16

Tgt Ion:112 Resp: 1065268
Ion Ratio Lower Upper
112 100
64 60.3 49.2 73.8
63 31.6 25.6 38.4

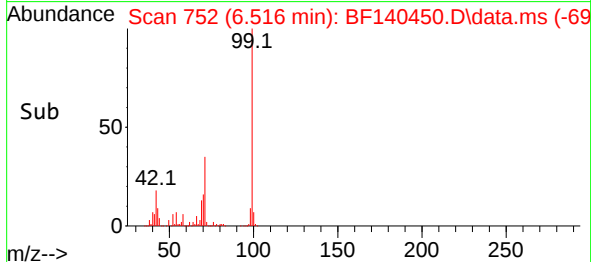
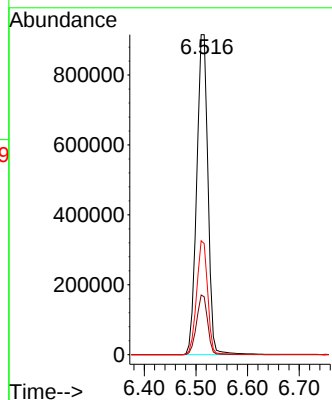
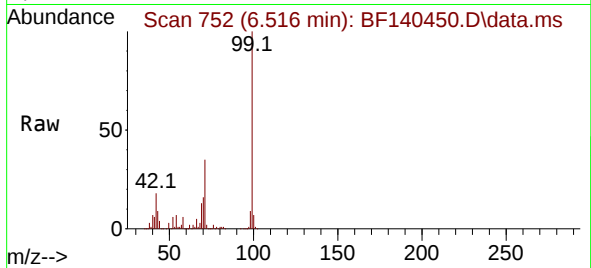




#7
Phenol-d6
Concen: 120.386 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140450.D
Acq: 18 Nov 2024 13:16

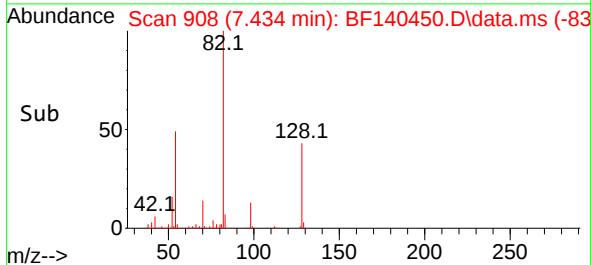
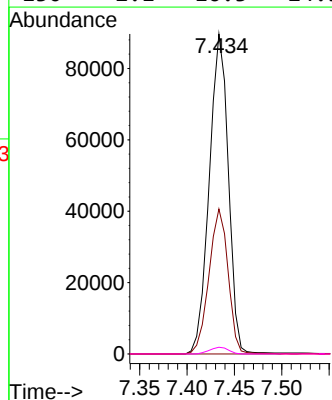
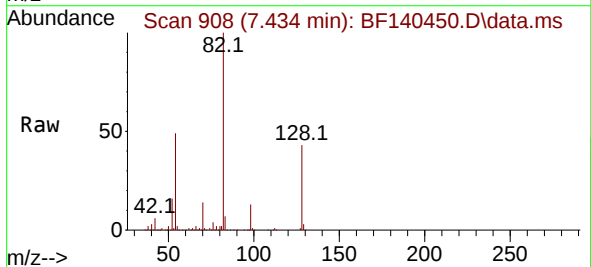
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BNA_F
ClientSampleId :
PB164965BL

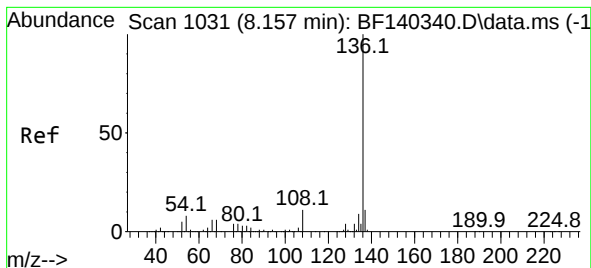
Tgt Ion: 99 Resp: 1384165
Ion Ratio Lower Upper
99 100
42 18.1 15.1 22.7
71 34.7 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.112 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140450.D
Acq: 18 Nov 2024 13:16

Tgt Ion: 70 Resp: 125776
Ion Ratio Lower Upper
70 100
42 45.3 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# 1

Delta R.T. -0.006 min

Lab File: BF140450.D

Acq: 18 Nov 2024 13:16

Instrument :

BNA_F

ClientSampleId :

PB164965BL

Tgt Ion:136 Resp: 563652

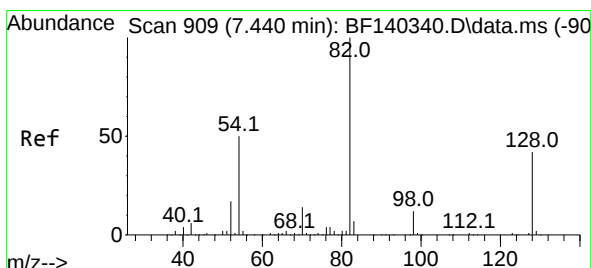
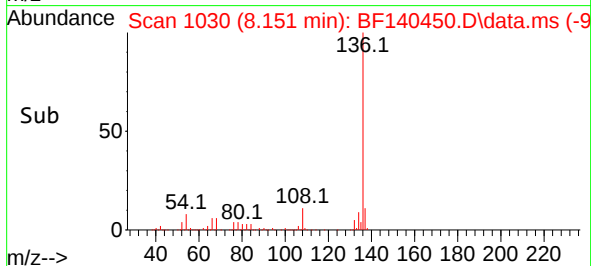
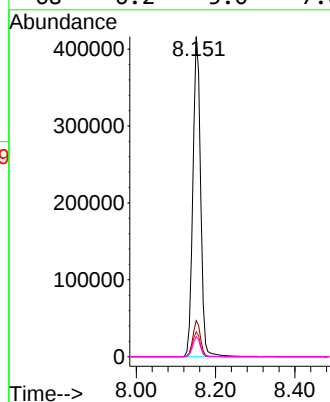
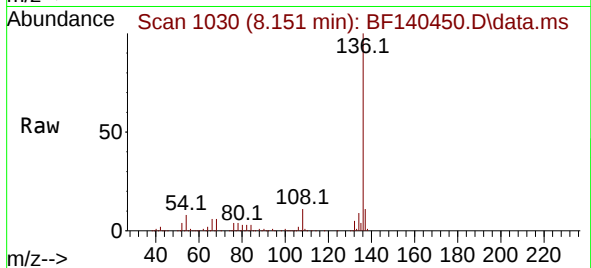
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.8 6.5 9.7

68 6.2 5.0 7.6



#23

Nitrobenzene-d5

Concen: 85.155 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF140450.D

Acq: 18 Nov 2024 13:16

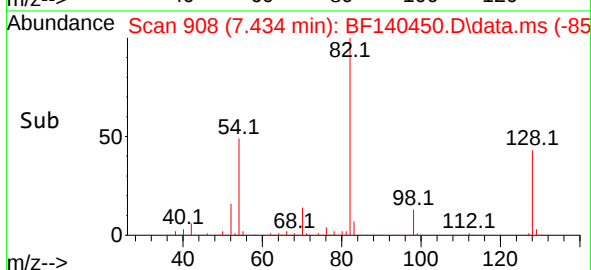
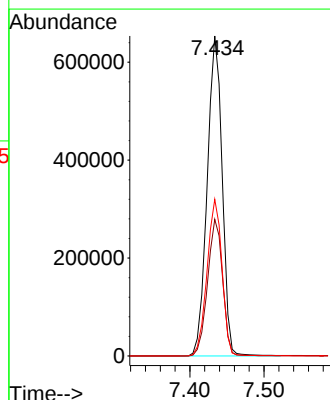
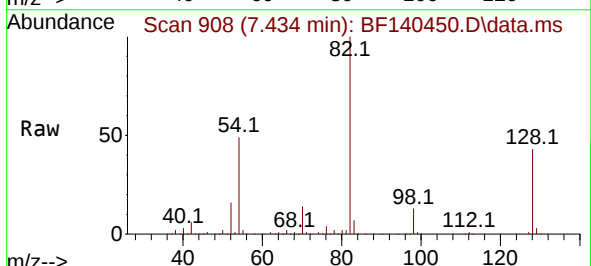
Tgt Ion: 82 Resp: 921212

Ion Ratio Lower Upper

82 100

128 42.7 33.3 49.9

54 49.0 39.8 59.8

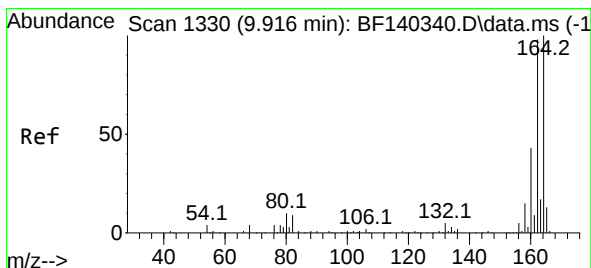
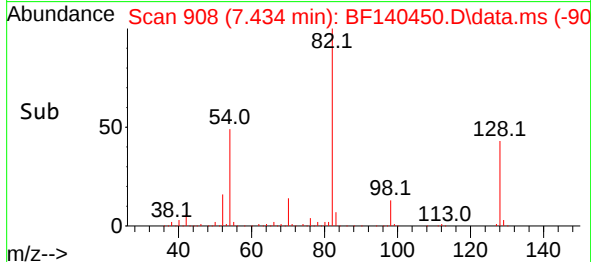
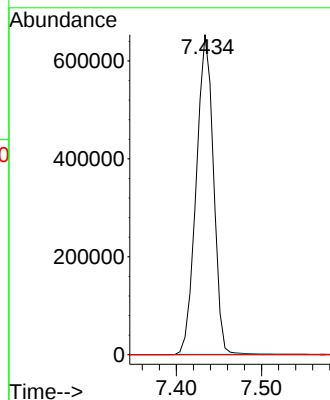
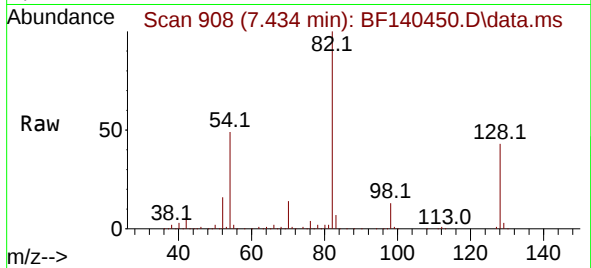




#25
Isophorone
Concen: 47.541 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140450.D
Acq: 18 Nov 2024 13:16

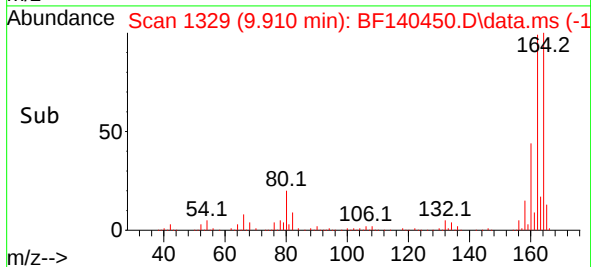
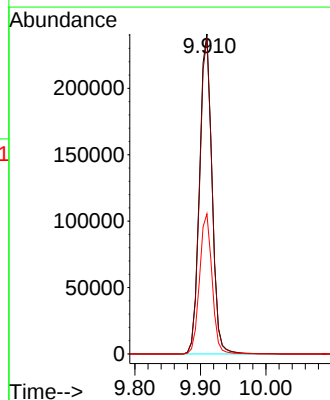
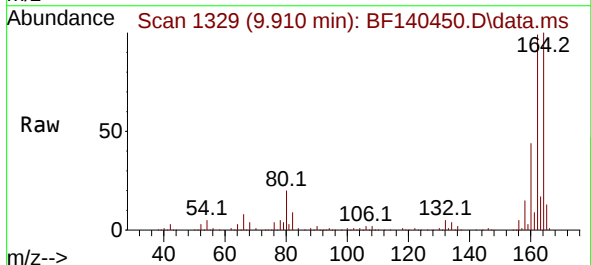
Instrument :
BNA_F
ClientSampleId :
PB164965BL

Tgt Ion: 82 Resp: 911497
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: BF140450.D
Acq: 18 Nov 2024 13:16

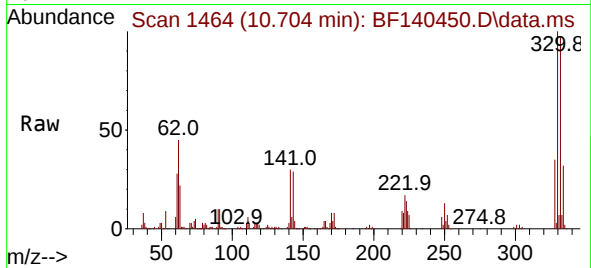
Tgt Ion:164 Resp: 318980
Ion Ratio Lower Upper
164 100
162 98.7 79.8 119.8
160 43.8 35.4 53.0



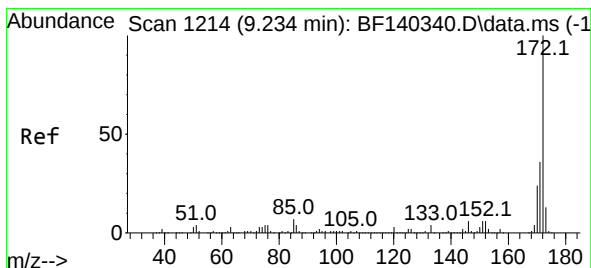
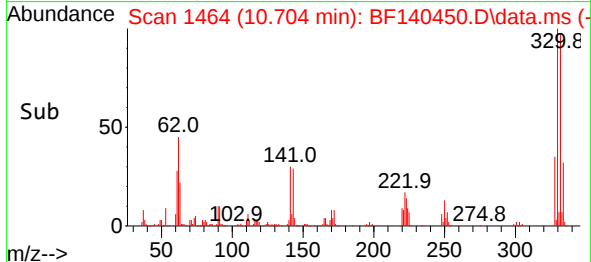
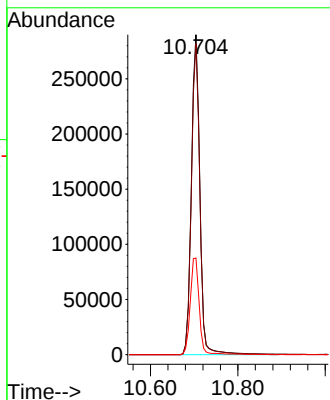


#42
2,4,6-Tribromophenol
Concen: 123.843 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140450.D
Acq: 18 Nov 2024 13:16

Instrument :
BNA_F
ClientSampleId :
PB164965BL

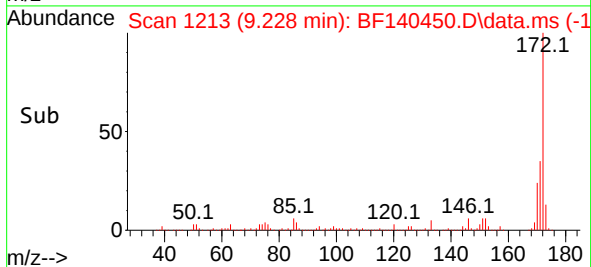
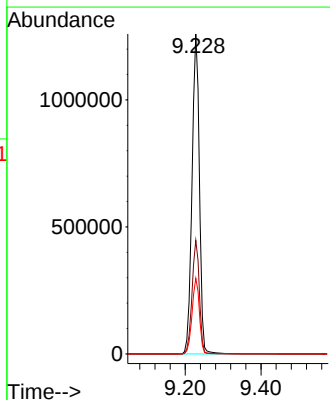
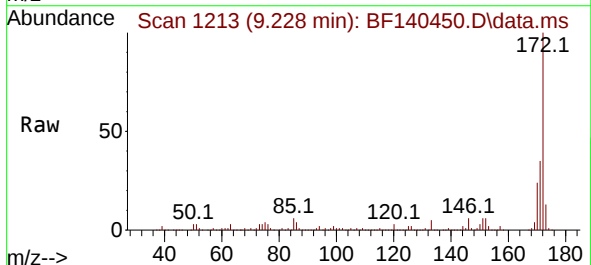


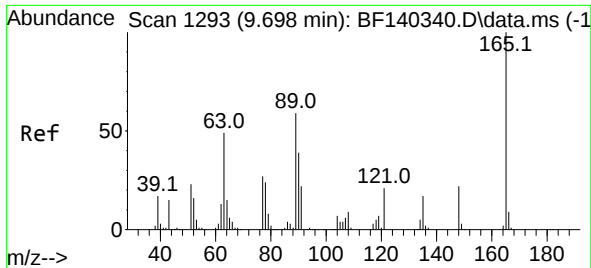
Tgt Ion:330 Resp: 392832
Ion Ratio Lower Upper
330 100
332 97.1 75.9 113.9
141 32.1 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 86.429 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140450.D
Acq: 18 Nov 2024 13:16

Tgt Ion:172 Resp: 1714983
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.7 19.1 28.7

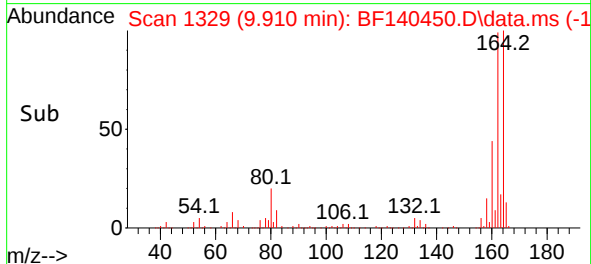
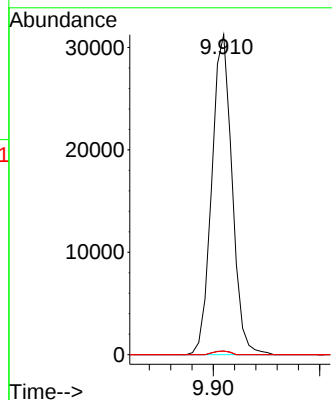
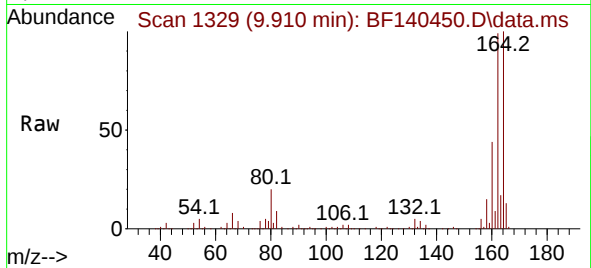




#51
2,6-Dinitrotoluene
Concen: 8.703 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140450.D
Acq: 18 Nov 2024 13:16

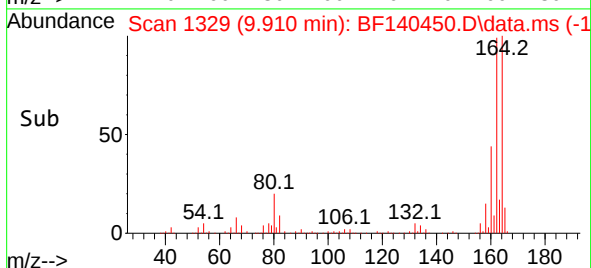
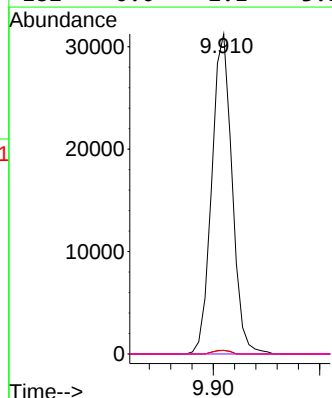
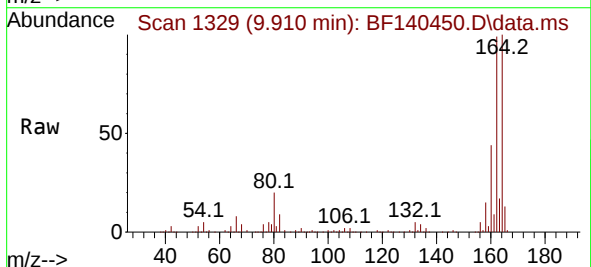
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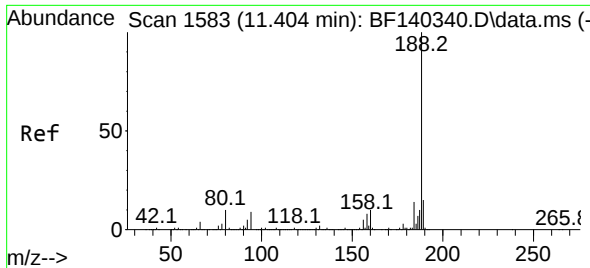
Tgt Ion:165 Resp: 41254
Ion Ratio Lower Upper
165 100
63 1.1 47.6 71.4#
89 1.1 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.613 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140450.D
Acq: 18 Nov 2024 13:16

Tgt Ion:165 Resp: 41254
Ion Ratio Lower Upper
165 100
63 1.1 39.4 59.0#
89 1.1 62.4 93.6#
182 0.0 2.1 3.1#

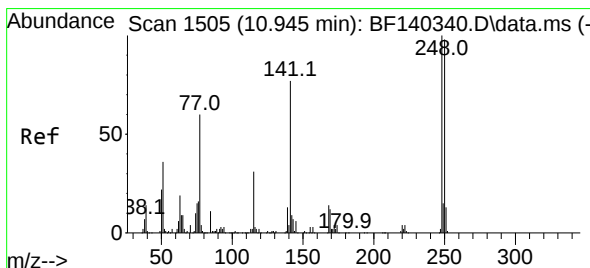
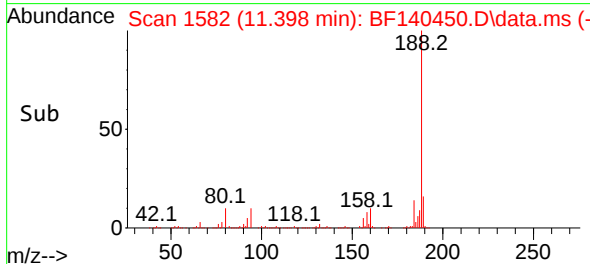
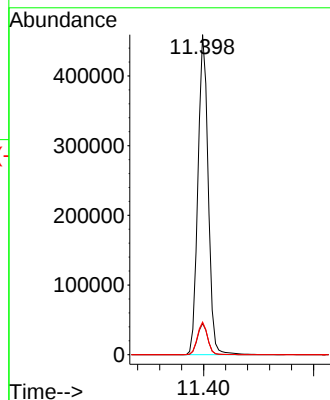
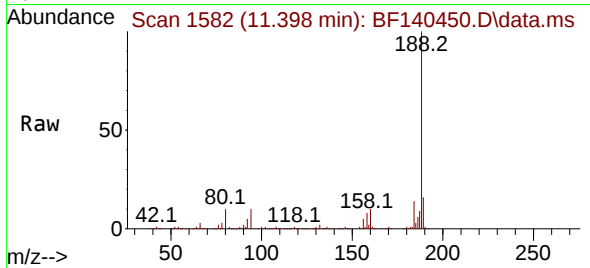




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140450.D
Acq: 18 Nov 2024 13:16

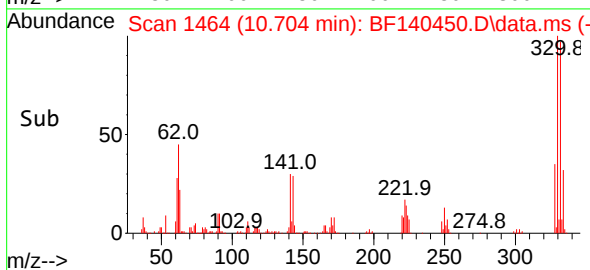
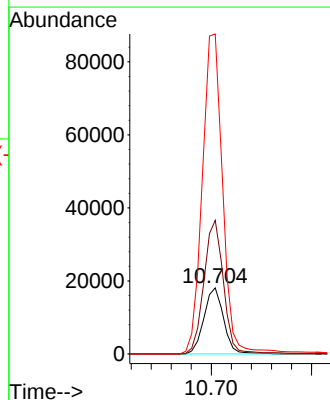
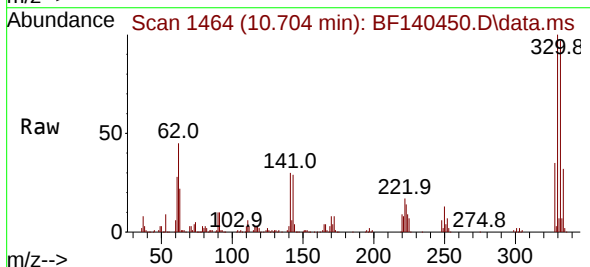
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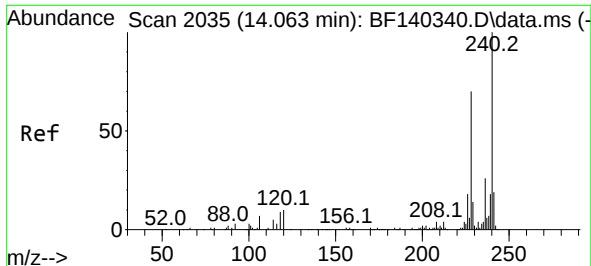
Tgt Ion:188 Resp: 593681
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 10.2 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 4.161 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF140450.D
Acq: 18 Nov 2024 13:16

Tgt Ion:248 Resp: 24692
Ion Ratio Lower Upper
248 100
250 202.1 77.9 116.9#
141 483.9 61.8 92.6#

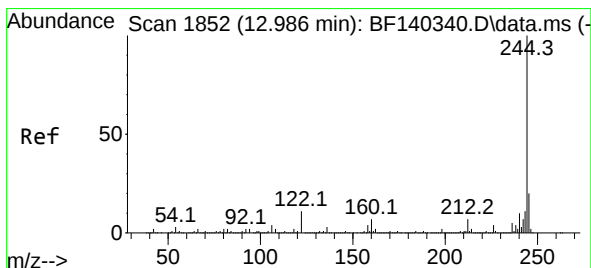
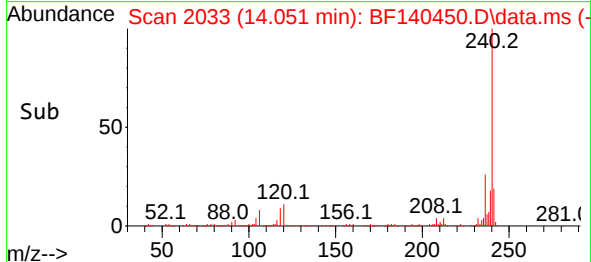
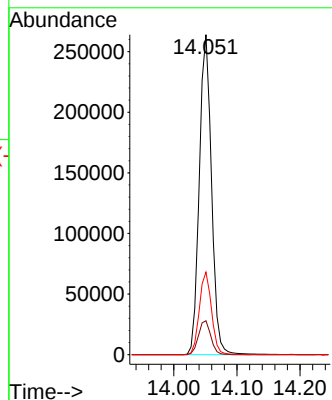
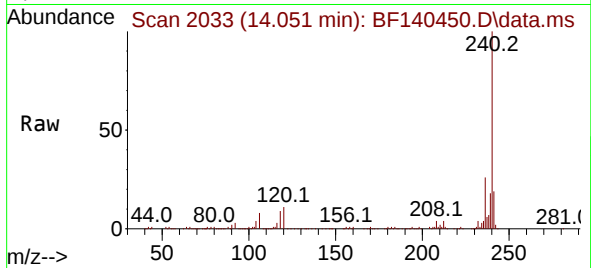




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF140450.D
Acq: 18 Nov 2024 13:16

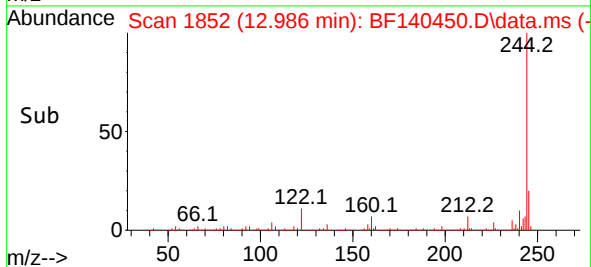
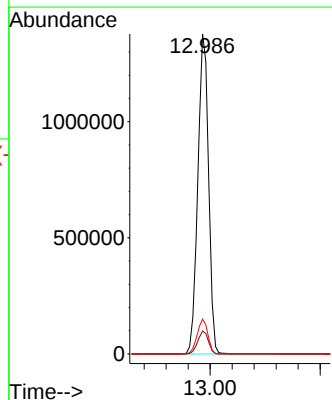
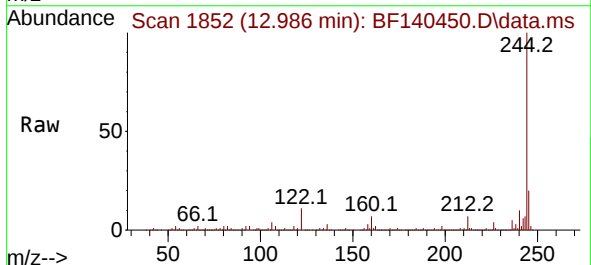
Instrument :
BNA_F
ClientSampleId :
PB164965BL

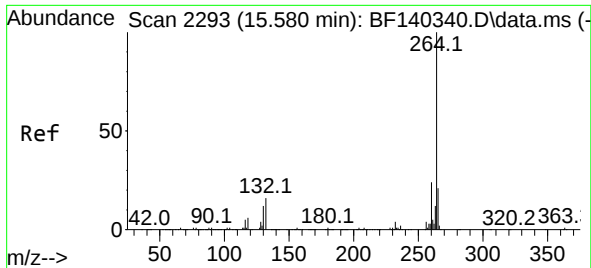
Tgt Ion:240 Resp: 354119
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 91.499 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BF140450.D
Acq: 18 Nov 2024 13:16

Tgt Ion:244 Resp: 1866670
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.9 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF140450.D
Acq: 18 Nov 2024 13:16

Instrument :
BNA_F
ClientSampleId :
PB164965BL

Tgt Ion:264 Resp: 299346

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.5	17.1	25.7

