

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
 Data File : BF140392.D
 Acq On : 15 Nov 2024 10:08
 Operator : RC/JU
 Sample : PB164789BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164789BL

Quant Time: Nov 15 10:41:08 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)

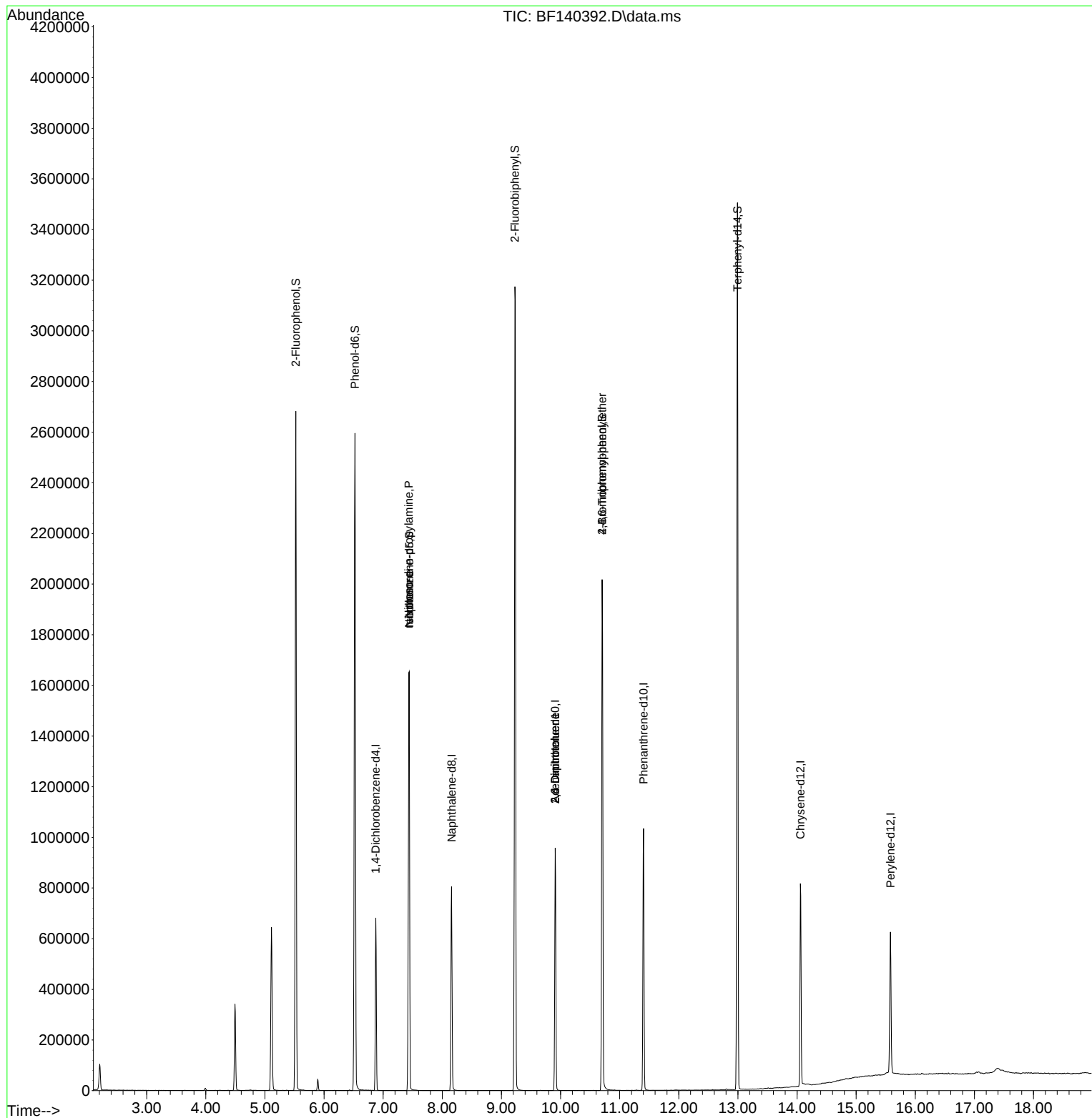
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	139459	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	521031	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	292158	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	556998	20.000	ng	0.00
76) Chrysene-d12	14.057	240	390196	20.000	ng	0.00
86) Perylene-d12	15.580	264	333601	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1002140	122.691	ng	0.03
7) Phenol-d6	6.522	99	1305353	117.957	ng	0.02
23) Nitrobenzene-d5	7.440	82	840905	84.090	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	351266	120.906	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1519879	83.629	ng	0.00
79) Terphenyl-d14	12.992	244	1756649	78.145	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	112921	16.895	ng	# 79
25) Isophorone	7.440	82	829220	46.787	ng	# 67
51) 2,6-Dinitrotoluene	9.910	165	37747	8.695	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	37747	6.606	ng	# 20
67) 4-Bromophenyl-phenylether	10.704	248	23273	4.180	ng	# 1

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

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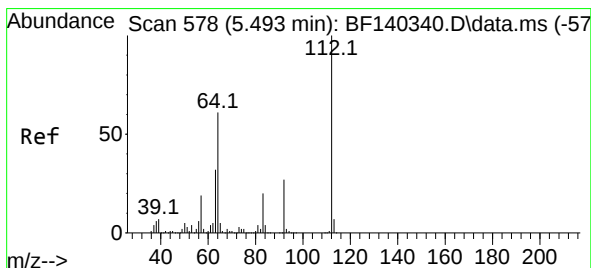
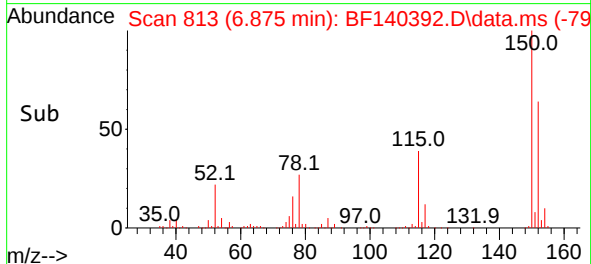
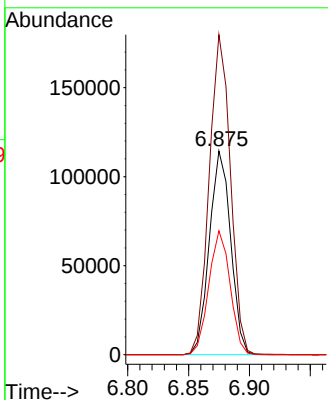
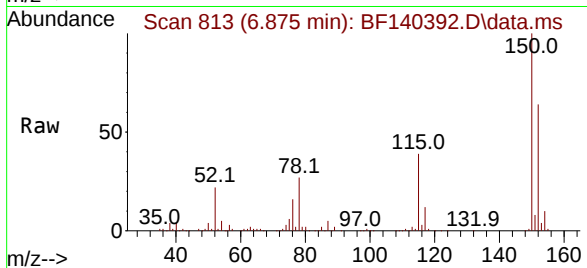




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140392.D
Acq: 15 Nov 2024 10:08

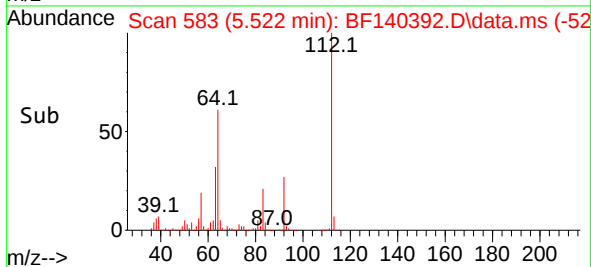
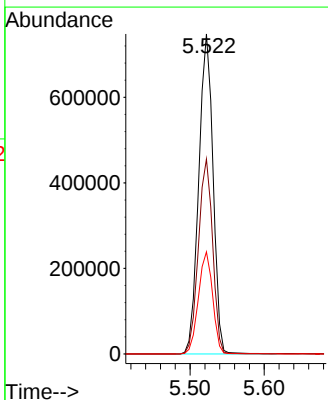
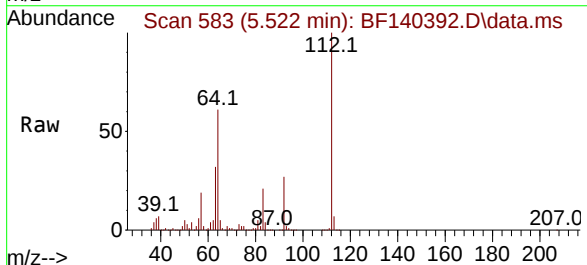
Instrument :
BNA_F
ClientSampleId :
PB164789BL

Tgt Ion:152 Resp: 139459
Ion Ratio Lower Upper
152 100
150 157.1 127.4 191.0
115 60.8 47.4 71.2



#5
2-Fluorophenol
Concen: 122.691 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.029 min
Lab File: BF140392.D
Acq: 15 Nov 2024 10:08

Tgt Ion:112 Resp: 1002140
Ion Ratio Lower Upper
112 100
64 60.9 49.2 73.8
63 31.9 25.6 38.4

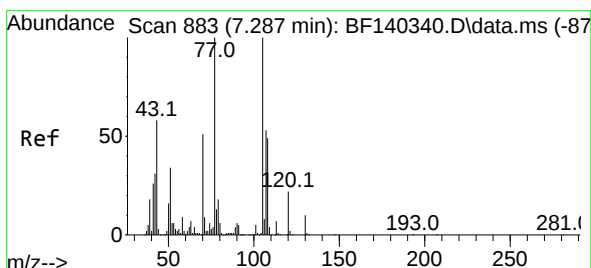
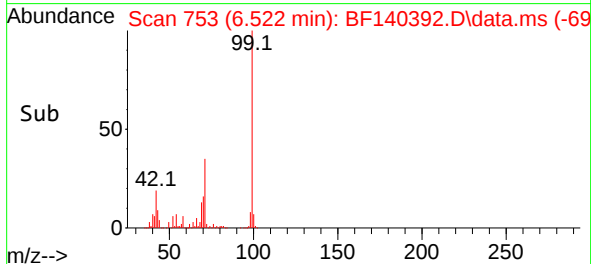
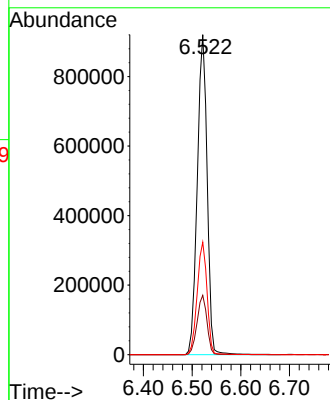
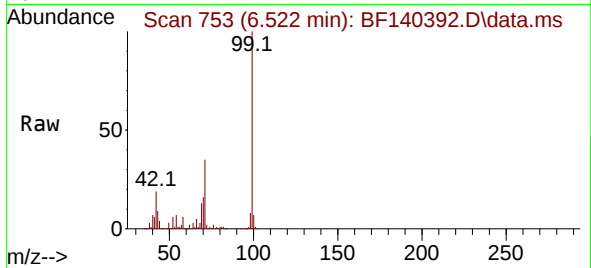




#7
Phenol-d6
Concen: 117.957 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.018 min
Lab File: BF140392.D
Acq: 15 Nov 2024 10:08

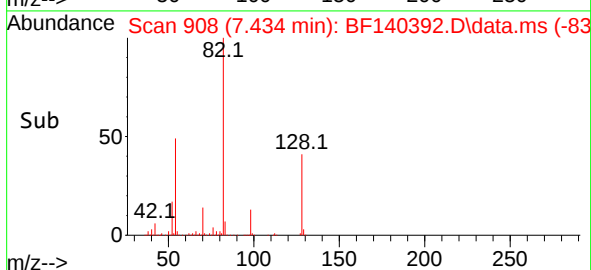
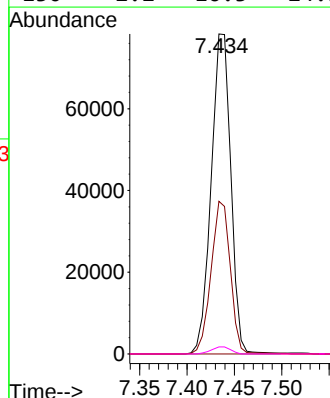
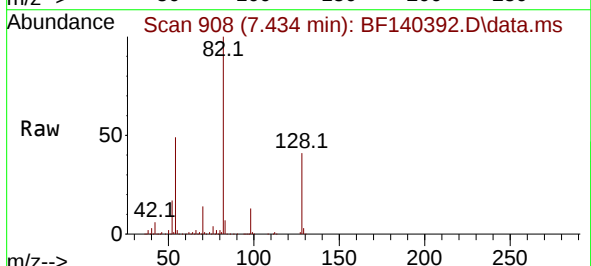
Instrument :
BNA_F
ClientSampleId :
PB164789BL

Tgt Ion: 99 Resp: 1305353
Ion Ratio Lower Upper
99 100
42 18.6 15.1 22.7
71 35.1 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.895 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140392.D
Acq: 15 Nov 2024 10:08

Tgt Ion: 70 Resp: 112921
Ion Ratio Lower Upper
70 100
42 47.7 46.8 70.2
101 0.0 7.5 11.3#
130 2.2 16.3 24.5#

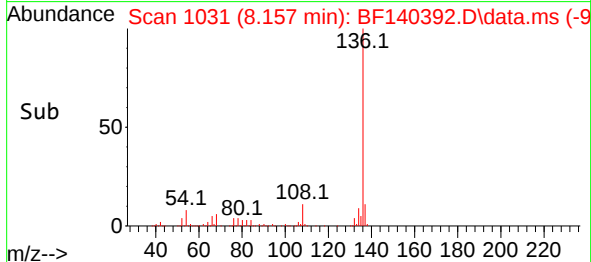
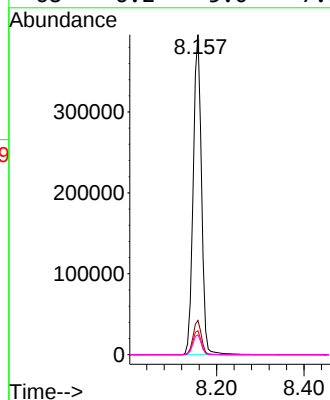
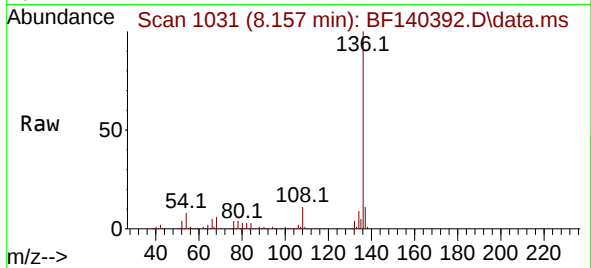




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140392.D
Acq: 15 Nov 2024 10:08

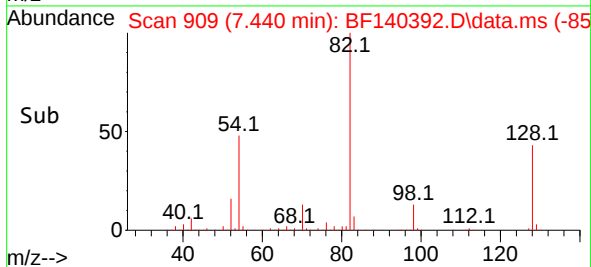
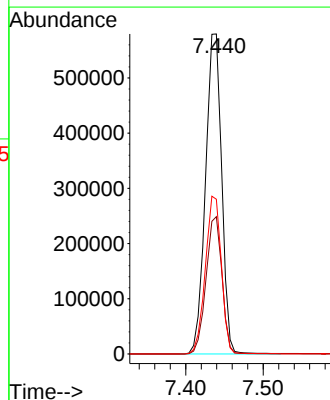
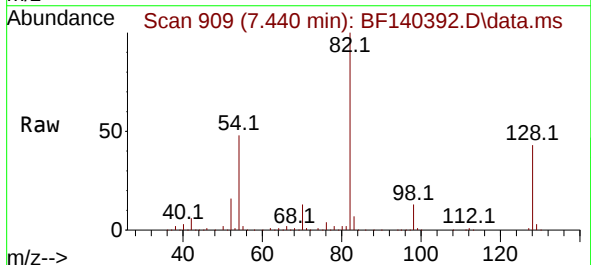
Instrument :
BNA_F
ClientSampleId :
PB164789BL

Tgt Ion:136 Resp: 521031
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.5 6.5 9.7
68 6.2 5.0 7.6



#23
Nitrobenzene-d5
Concen: 84.090 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF140392.D
Acq: 15 Nov 2024 10:08

Tgt Ion: 82 Resp: 840905
Ion Ratio Lower Upper
82 100
128 42.9 33.3 49.9
54 48.4 39.8 59.8

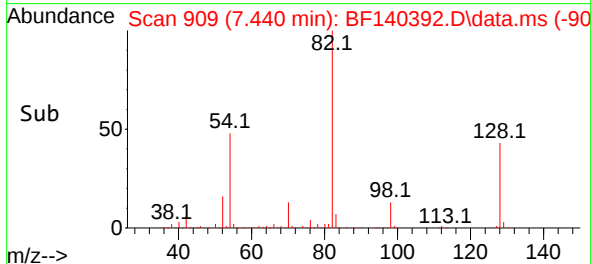
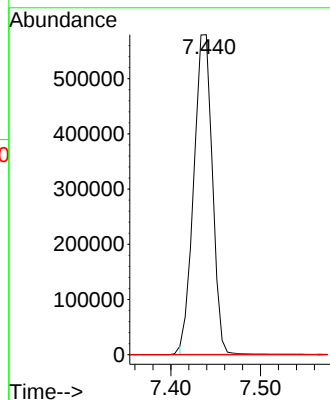
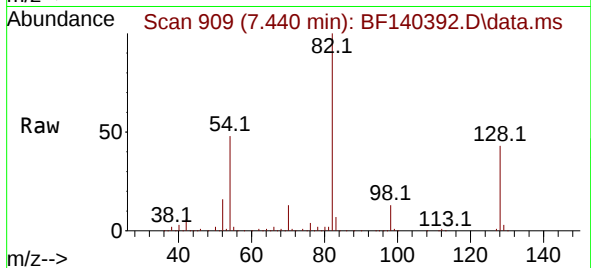




#25
Isophorone
Concen: 46.787 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF140392.D
Acq: 15 Nov 2024 10:08

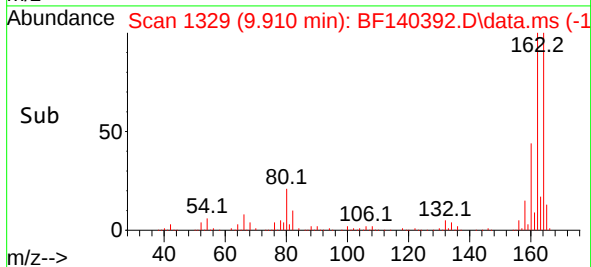
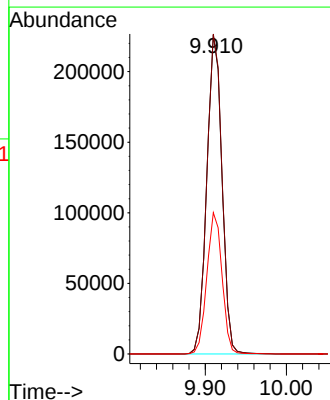
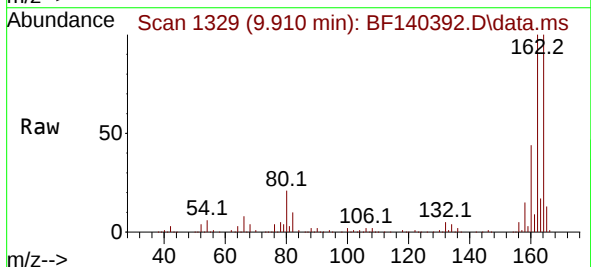
Instrument :
BNA_F
ClientSampleId :
PB164789BL

Tgt Ion: 82 Resp: 829220
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: BF140392.D
Acq: 15 Nov 2024 10:08

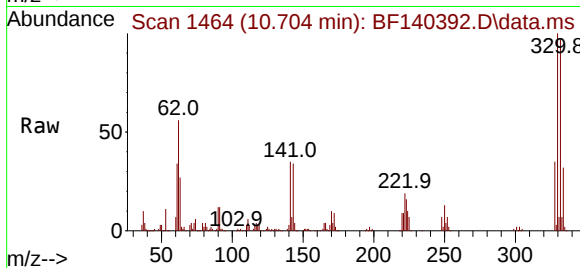
Tgt Ion:164 Resp: 292158
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.8
160 44.3 35.4 53.0



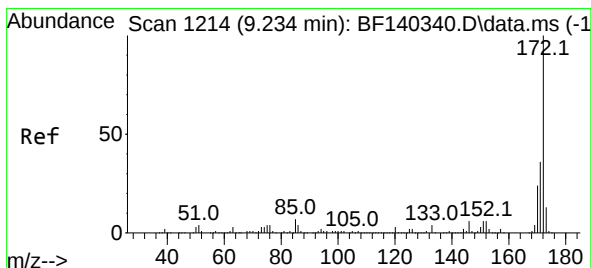
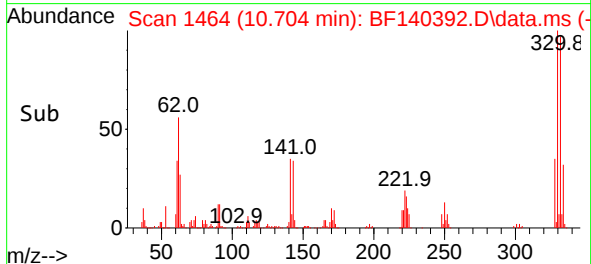
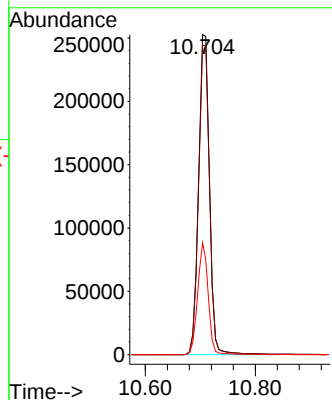


#42
 2,4,6-Tribromophenol
 Concen: 120.906 ng
 RT: 10.704 min Scan# 1464
 Delta R.T. -0.000 min
 Lab File: BF140392.D
 Acq: 15 Nov 2024 10:08

Instrument :
 BNA_F
 ClientSampleId :
 PB164789BL

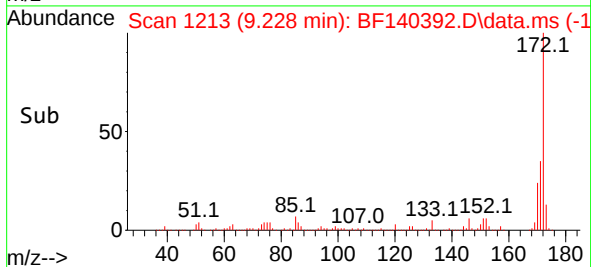
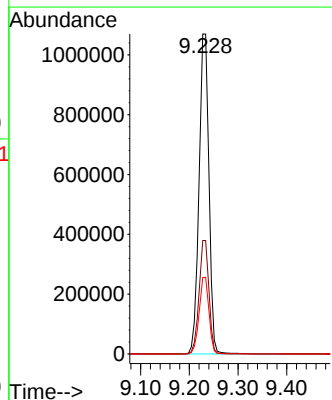
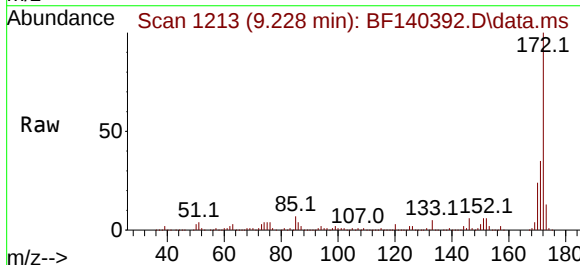


Tgt Ion:330 Resp: 351266
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.9 113.9
 141 33.6 26.9 40.3



#45
 2-Fluorobiphenyl
 Concen: 83.629 ng
 RT: 9.228 min Scan# 1213
 Delta R.T. -0.006 min
 Lab File: BF140392.D
 Acq: 15 Nov 2024 10:08

Tgt Ion:172 Resp: 1519879
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.9 19.1 28.7

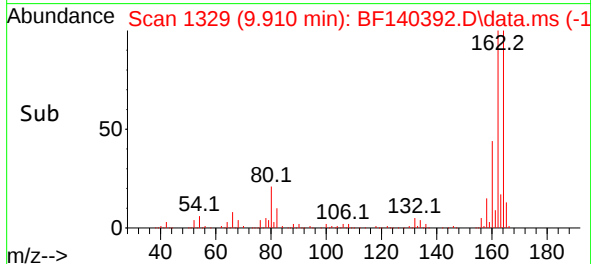
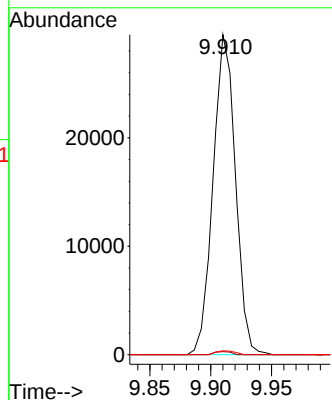
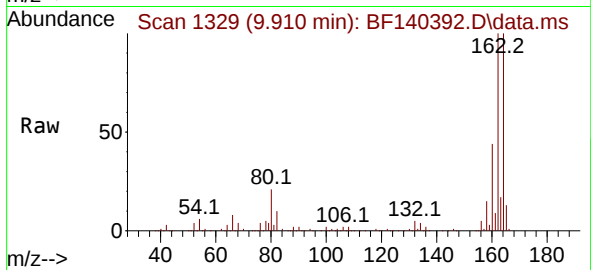




#51
2,6-Dinitrotoluene
Concen: 8.695 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140392.D
Acq: 15 Nov 2024 10:08

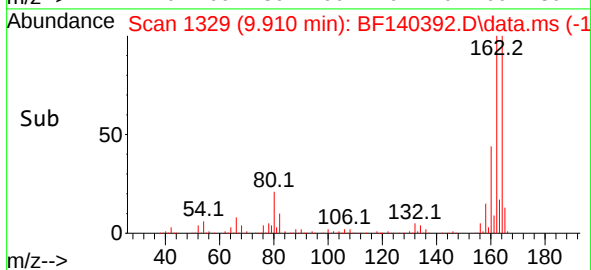
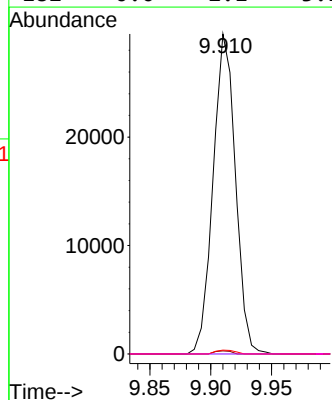
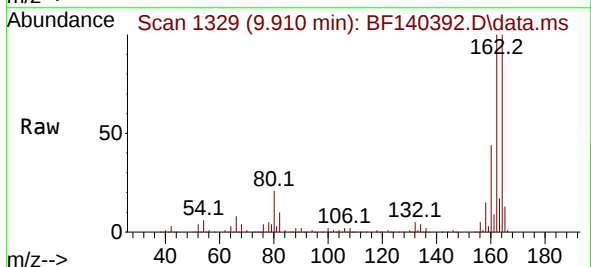
Instrument :
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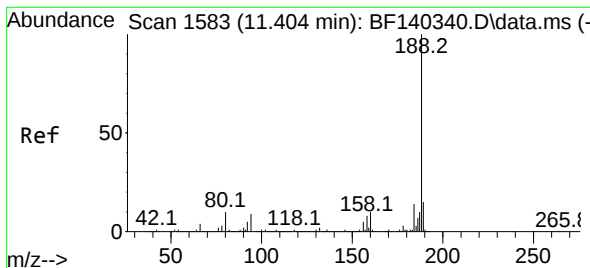
Tgt Ion:165 Resp: 37747
Ion Ratio Lower Upper
165 100
63 1.0 47.6 71.4#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.606 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140392.D
Acq: 15 Nov 2024 10:08

Tgt Ion:165 Resp: 37747
Ion Ratio Lower Upper
165 100
63 1.0 39.4 59.0#
89 1.2 62.4 93.6#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140392.D

Acq: 15 Nov 2024 10:08

Instrument :

BNA_F

ClientSampleId :

PB164789BL

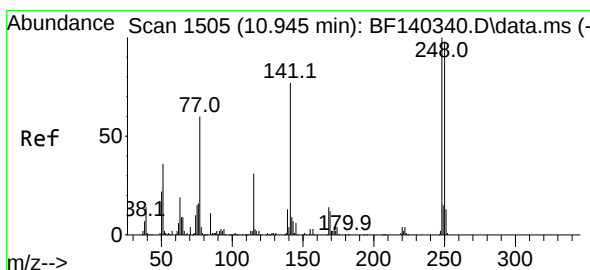
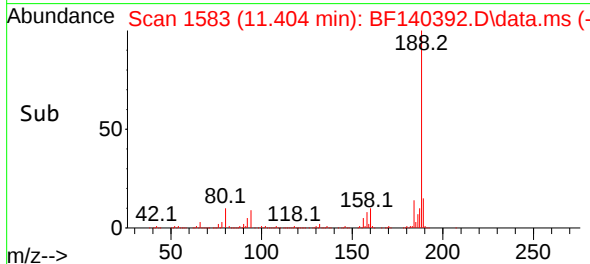
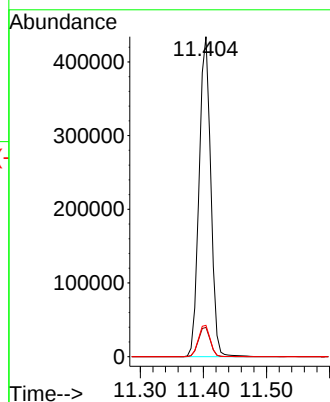
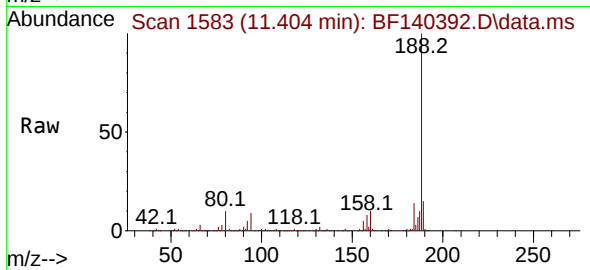
Tgt Ion:188 Resp: 556998

Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

80 9.8 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 4.180 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF140392.D

Acq: 15 Nov 2024 10:08

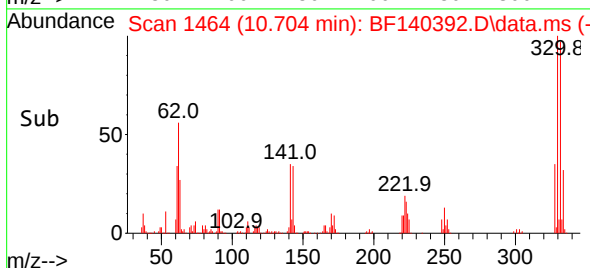
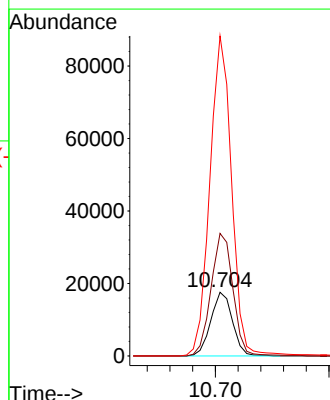
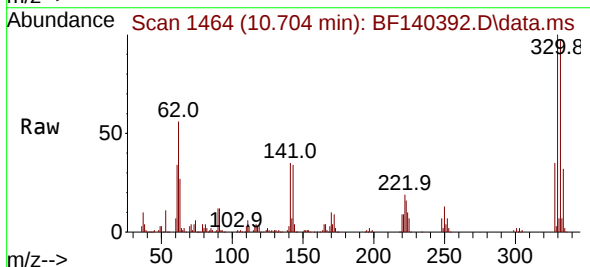
Tgt Ion:248 Resp: 23273

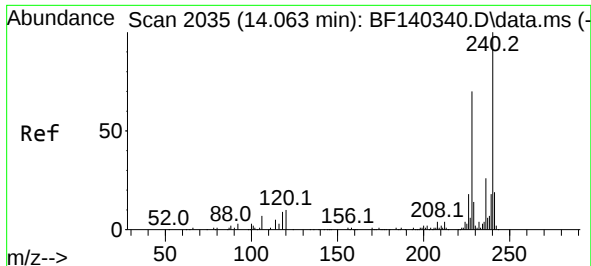
Ion Ratio Lower Upper

248 100

250 192.3 77.9 116.9#

141 502.1 61.8 92.6#

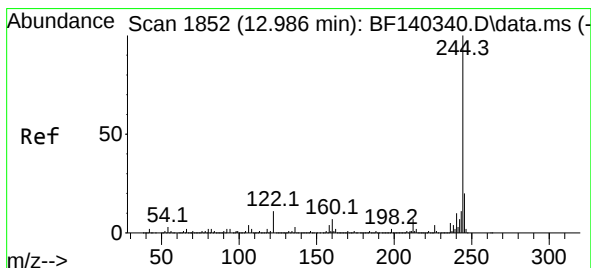
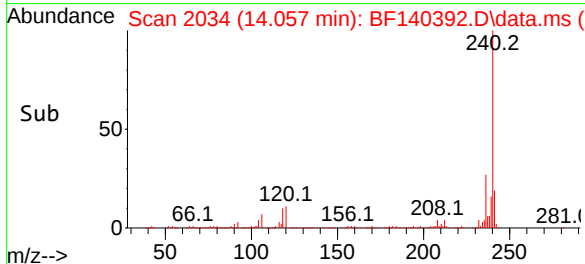
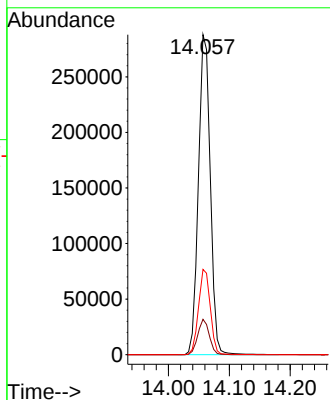
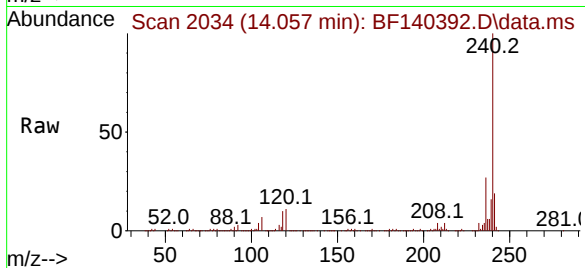




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140392.D
Acq: 15 Nov 2024 10:08

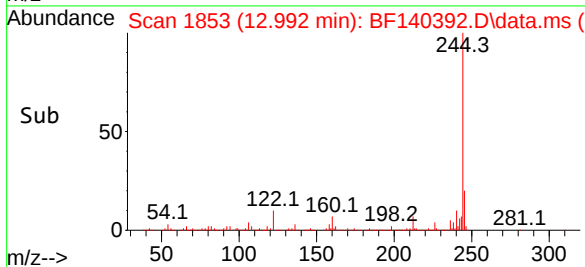
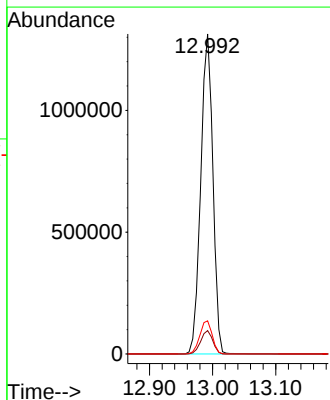
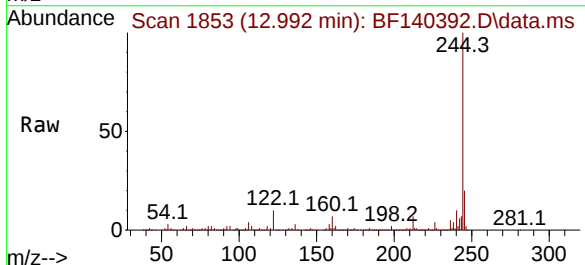
Instrument :
BNA_F
ClientSampleId :
PB164789BL

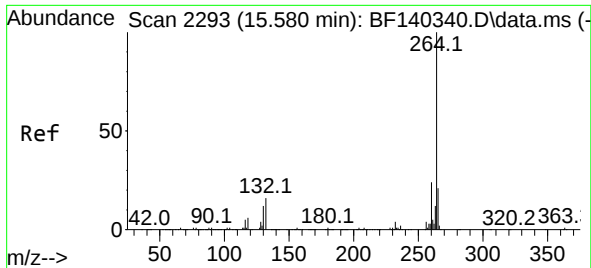
Tgt Ion:240 Resp: 390196
Ion Ratio Lower Upper
240 100
120 11.1 8.8 13.2
236 26.7 20.9 31.3



#79
Terphenyl-d14
Concen: 78.145 ng
RT: 12.992 min Scan# 1853
Delta R.T. 0.006 min
Lab File: BF140392.D
Acq: 15 Nov 2024 10:08

Tgt Ion:244 Resp: 1756649
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.3 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: BF140392.D
 Acq: 15 Nov 2024 10:08

Instrument :
 BNA_F
 ClientSampleId :
 PB164789BL

Tgt Ion:264 Resp: 333601
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.6 17.1 25.7

