

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140544.D
 Acq On : 21 Nov 2024 19:14
 Operator : RC/JU
 Sample : P4870-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-736

Quant Time: Nov 22 00:10:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

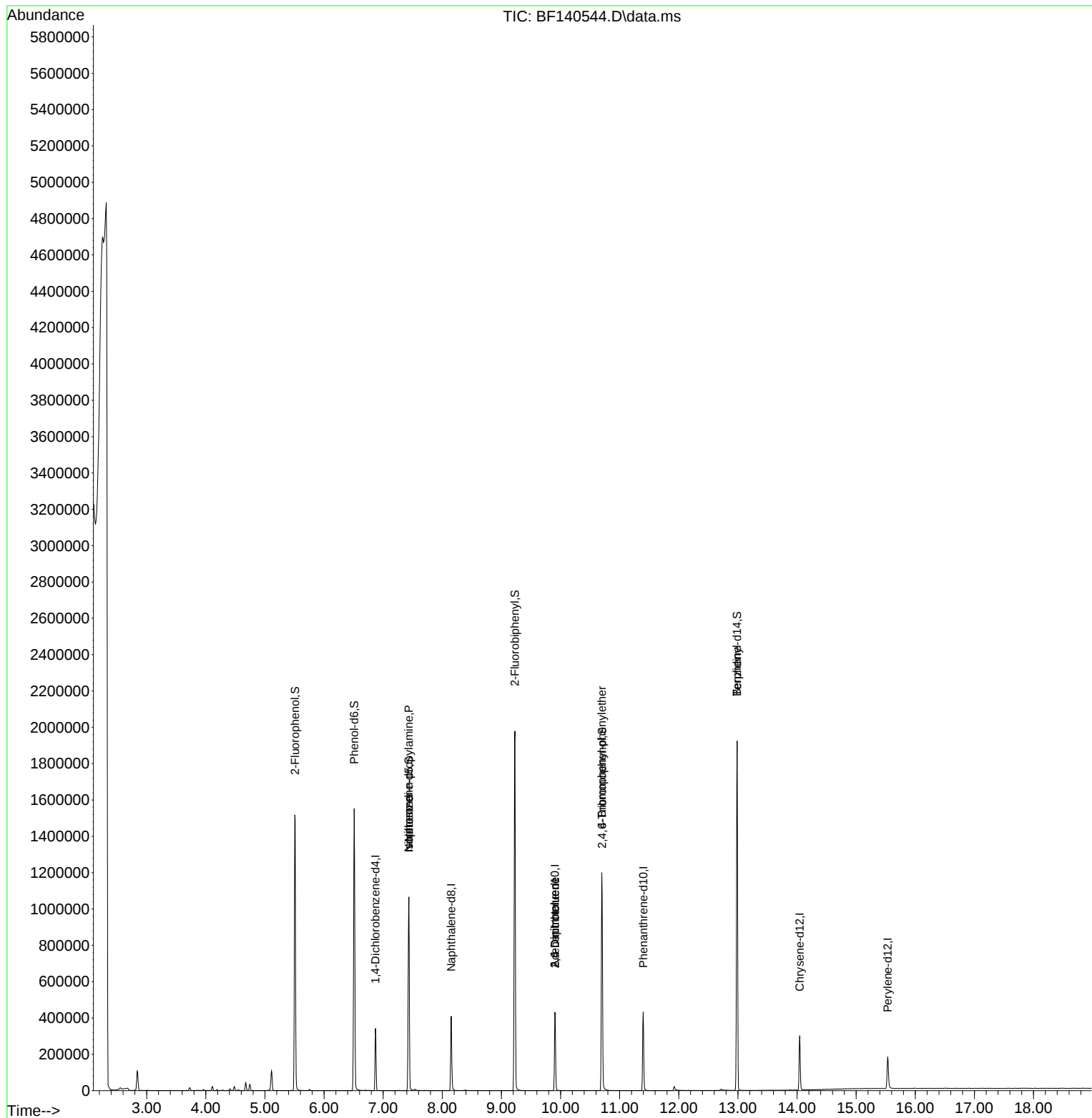
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	70463	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	261774	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	138128	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	244646	20.000	ng	0.00
76) Chrysene-d12	14.045	240	152916	20.000	ng	0.00
86) Perylene-d12	15.533	264	117093	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	578939	140.186	ng	0.01
7) Phenol-d6	6.510	99	733799	134.403	ng	0.00
23) Nitrobenzene-d5	7.434	82	491106	95.961	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	211162	142.939	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	911652	98.337	ng	0.00
79) Terphenyl-d14	12.986	244	940475	95.768	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	67098	20.795	ng	# 77
25) Isophorone	7.434	82	484846	56.800	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	17112	8.294	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	17112	6.241	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	13743	5.455	ng	# 1
77) Benzydine	12.986	184	13474	3.031	ng	# 92

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

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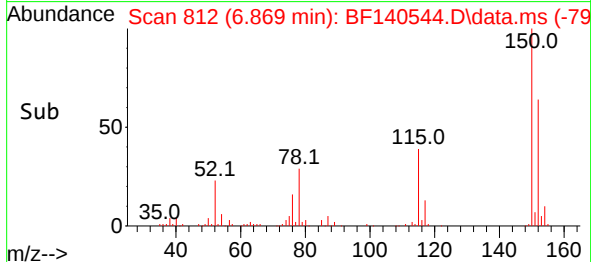
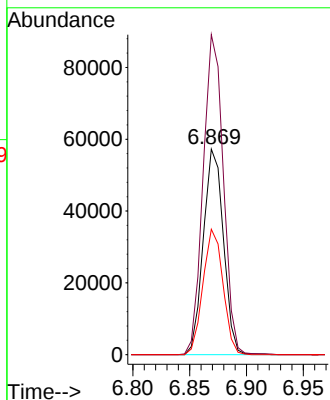
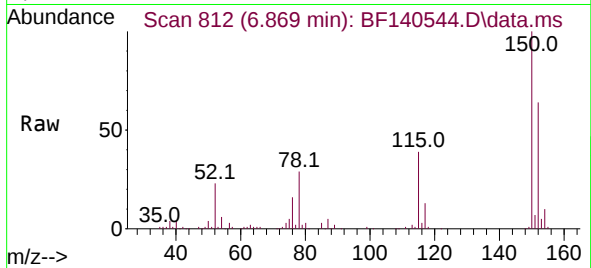




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140544.D
Acq: 21 Nov 2024 19:14

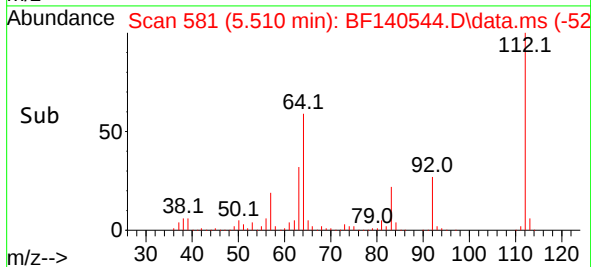
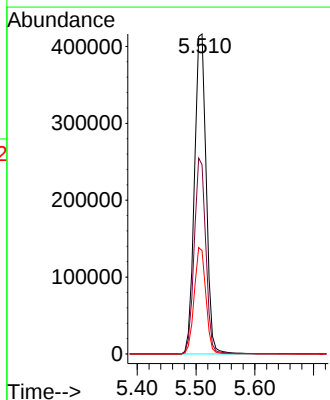
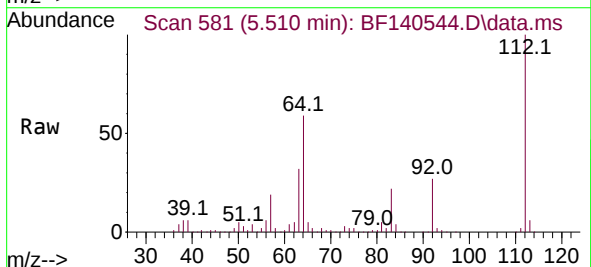
Instrument :
BNA_F
ClientSampleId :
MH-736

Tgt Ion:152 Resp: 70463
Ion Ratio Lower Upper
152 100
150 155.7 128.5 192.7
115 61.1 50.2 75.4



#5
2-Fluorophenol
Concen: 140.186 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140544.D
Acq: 21 Nov 2024 19:14

Tgt Ion:112 Resp: 578939
Ion Ratio Lower Upper
112 100
64 59.2 49.2 73.8
63 32.3 27.0 40.4

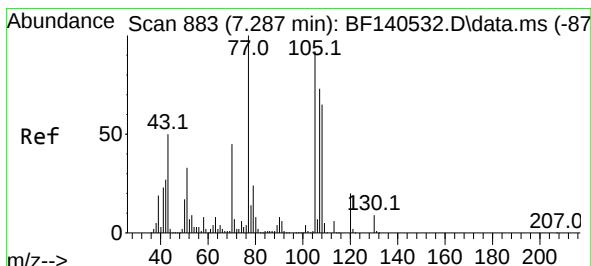
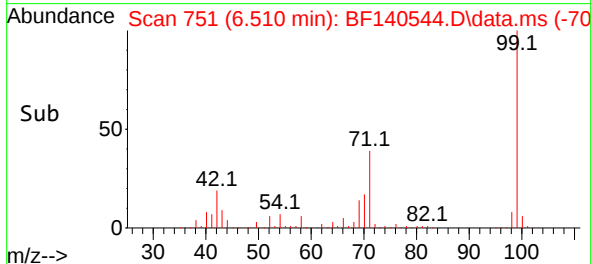
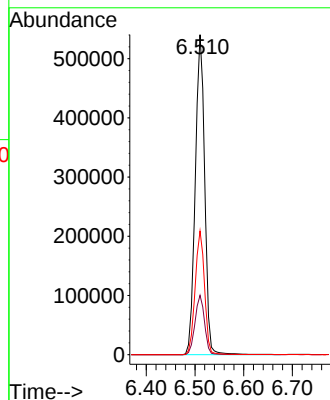
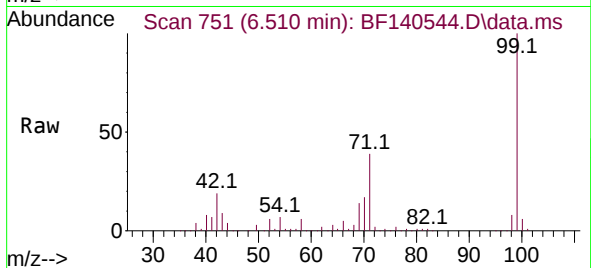




#7
Phenol-d6
Concen: 134.403 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140544.D
Acq: 21 Nov 2024 19:14

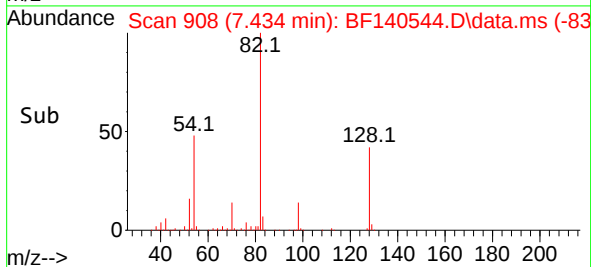
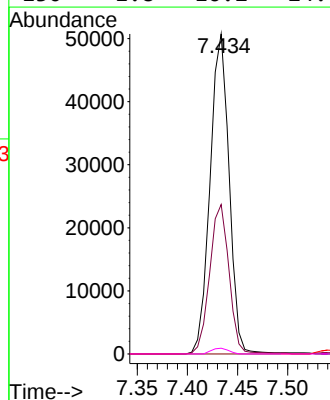
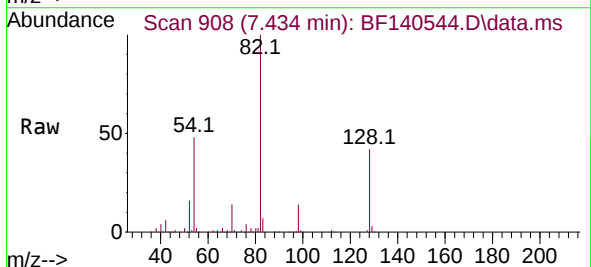
Instrument :
BNA_F
ClientSampleId :
MH-736

Tgt Ion: 99 Resp: 733799
Ion Ratio Lower Upper
99 100
42 18.6 15.4 23.0
71 38.7 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.795 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140544.D
Acq: 21 Nov 2024 19:14

Tgt Ion: 70 Resp: 67098
Ion Ratio Lower Upper
70 100
42 46.7 47.6 71.4#
101 0.0 7.6 11.4#
130 1.8 16.2 24.4#



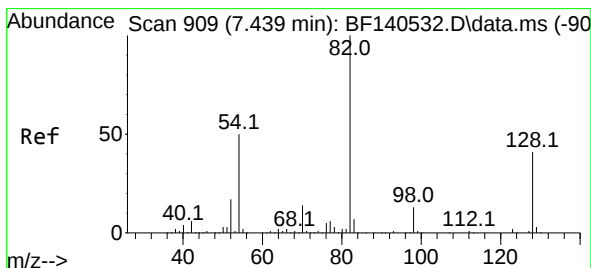
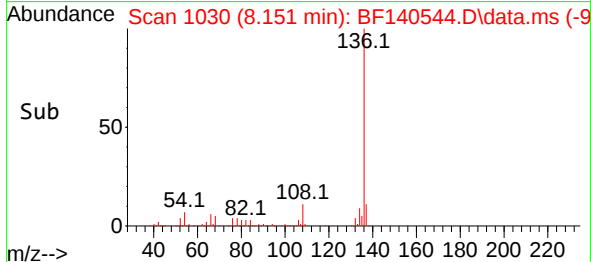
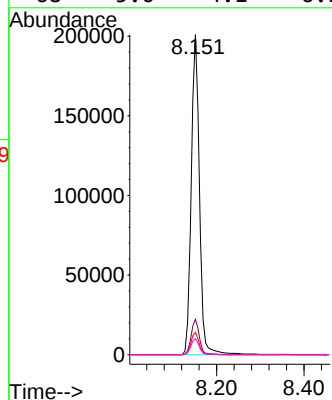
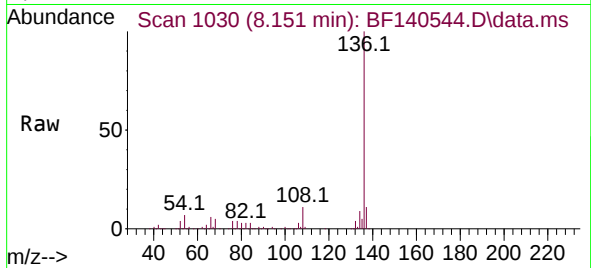


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140544.D
Acq: 21 Nov 2024 19:14

Instrument :
BNA_F
ClientSampleId :
MH-736

Tgt Ion:136 Resp: 261774

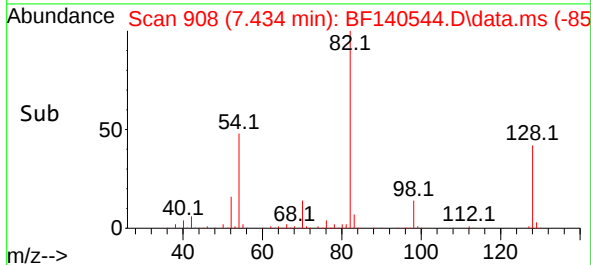
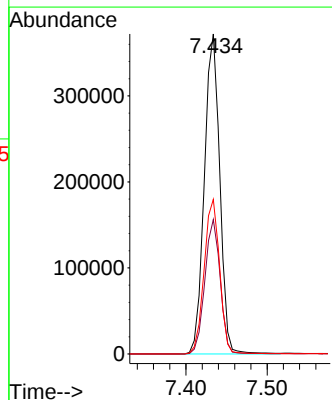
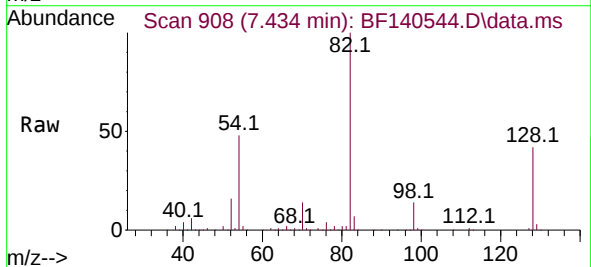
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.0	5.8	8.8
68	5.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 95.961 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140544.D
Acq: 21 Nov 2024 19:14

Tgt Ion: 82 Resp: 491106

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.0	49.4
54	48.3	39.5	59.3

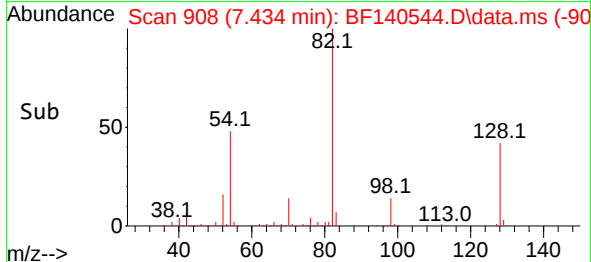
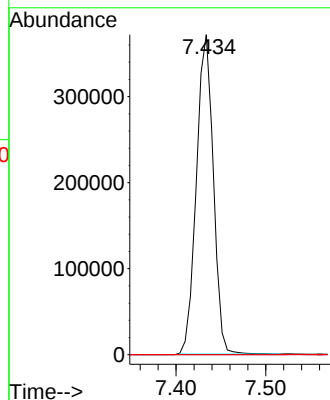
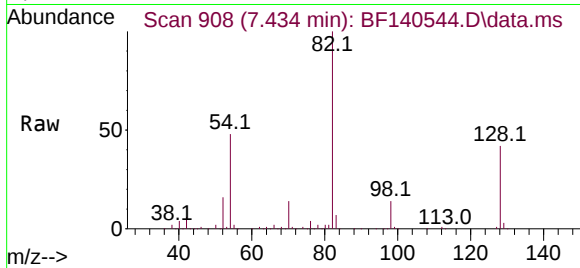




#25
Isophorone
Concen: 56.800 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140544.D
Acq: 21 Nov 2024 19:14

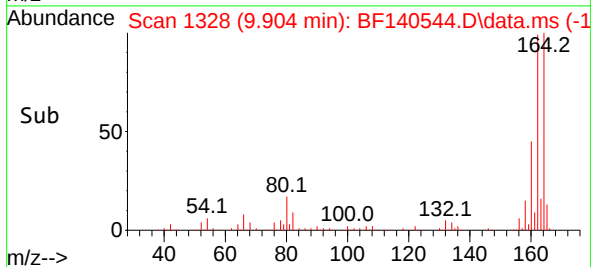
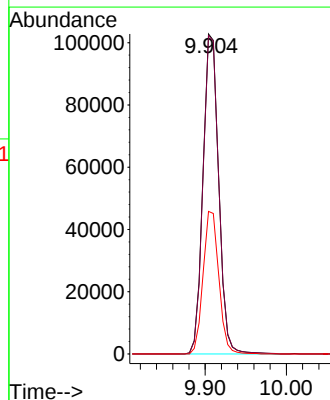
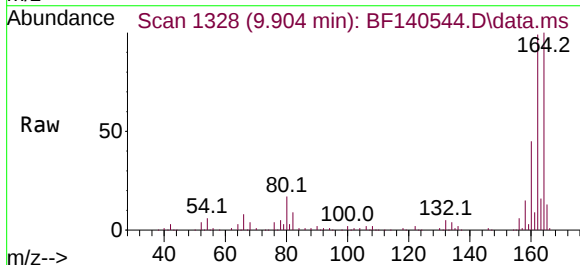
Instrument :
BNA_F
ClientSampleId :
MH-736

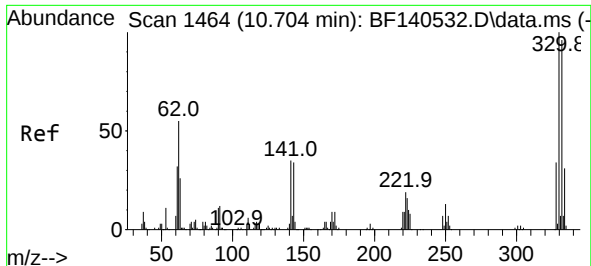
Tgt Ion: 82 Resp: 484846
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140544.D
Acq: 21 Nov 2024 19:14

Tgt Ion:164 Resp: 138128
Ion Ratio Lower Upper
164 100
162 99.5 80.6 120.8
160 44.6 36.2 54.4

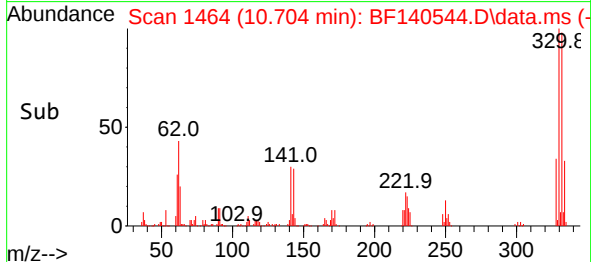
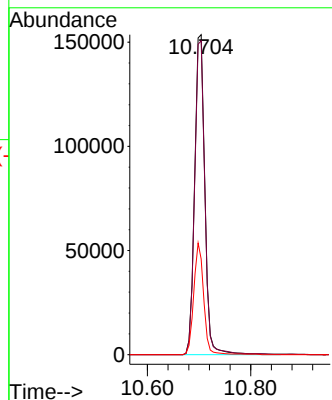
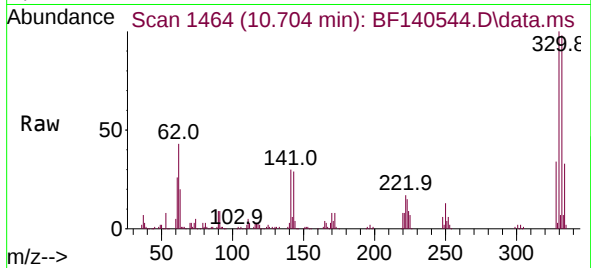




#42
2,4,6-Tribromophenol
Concen: 142.939 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140544.D
Acq: 21 Nov 2024 19:14

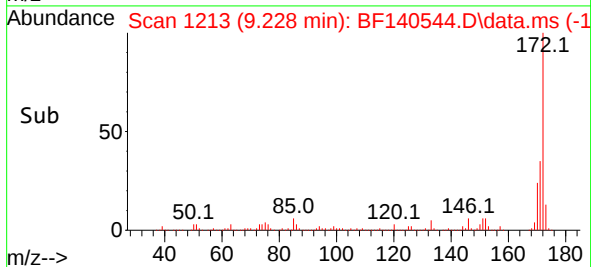
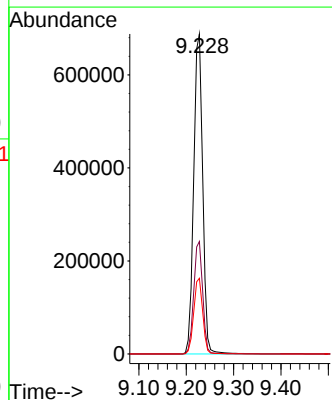
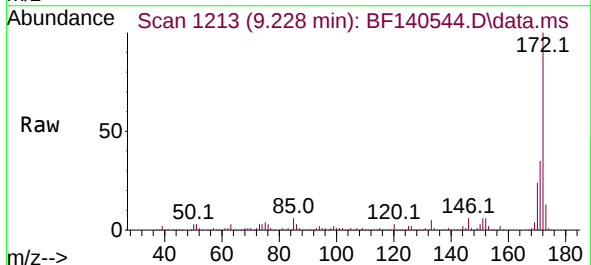
Instrument :
BNA_F
ClientSampleId :
MH-736

Tgt Ion:330 Resp: 211162
Ion Ratio Lower Upper
330 100
332 97.5 76.9 115.3
141 33.8 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 98.337 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140544.D
Acq: 21 Nov 2024 19:14

Tgt Ion:172 Resp: 911652
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.7 19.0 28.6

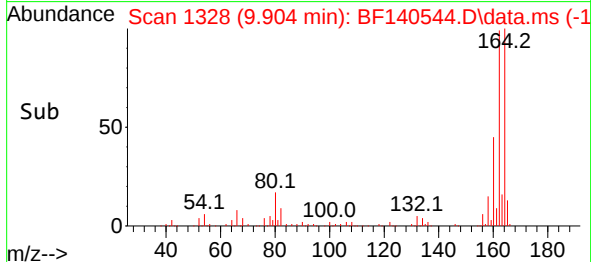
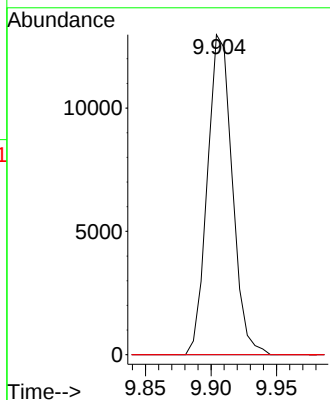
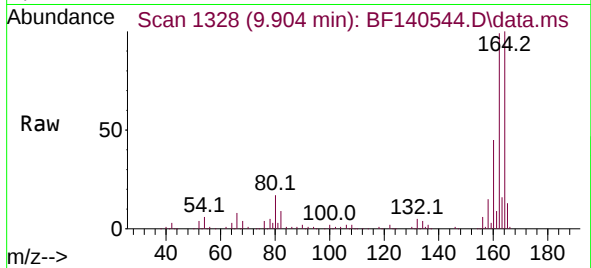




#51
2,6-Dinitrotoluene
Concen: 8.294 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140544.D
Acq: 21 Nov 2024 19:14

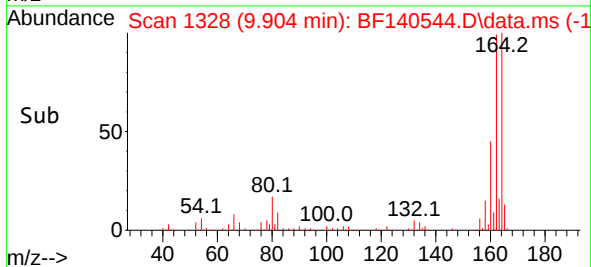
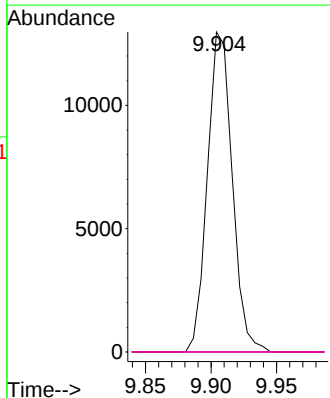
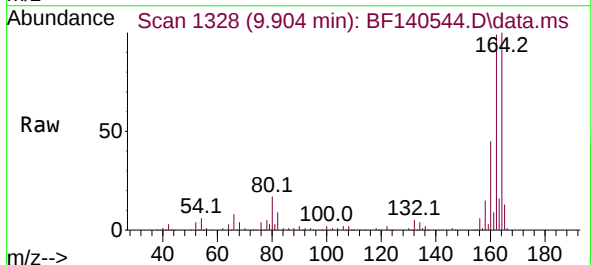
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BNA_F
ClientSampleId :
MH-736

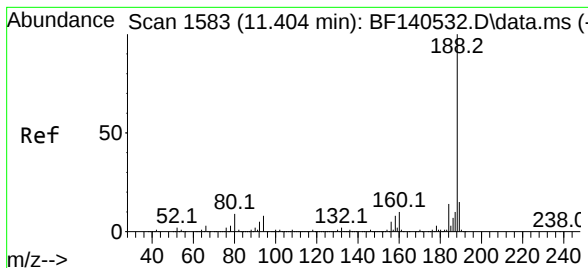
Tgt Ion:165 Resp: 17112
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.241 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140544.D
Acq: 21 Nov 2024 19:14

Tgt Ion:165 Resp: 17112
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 0.0 65.8 98.8#
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: BF140544.D

Acq: 21 Nov 2024 19:14

Instrument :

BNA_F

ClientSampleId :

MH-736

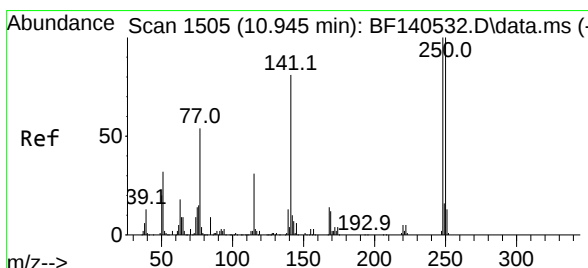
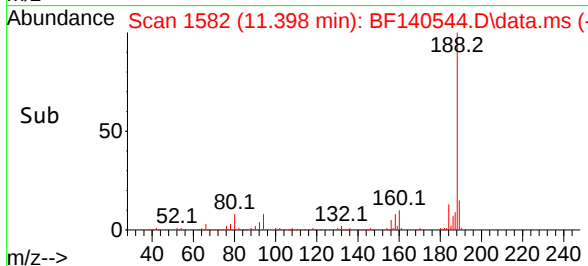
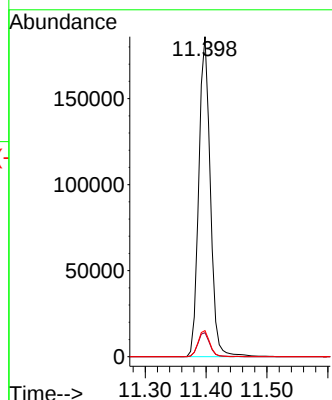
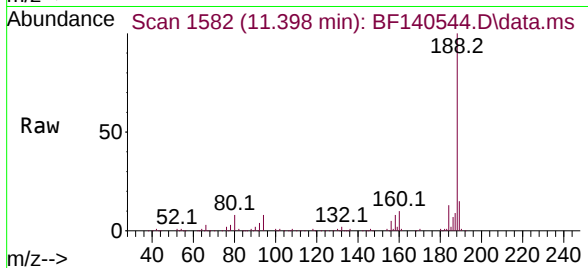
Tgt Ion:188 Resp: 244646

Ion Ratio Lower Upper

188 100

94 7.5 6.4 9.6

80 8.1 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 5.455 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140544.D

Acq: 21 Nov 2024 19:14

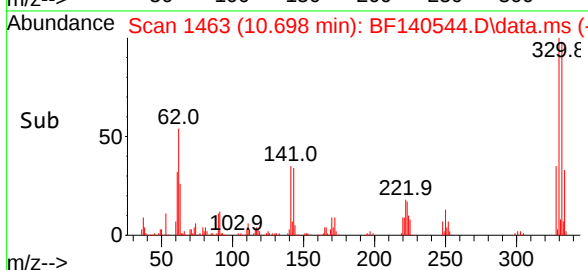
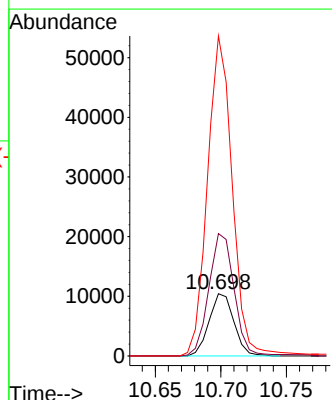
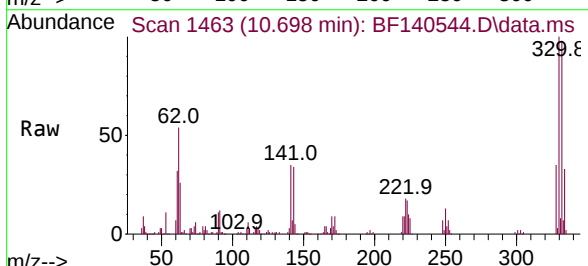
Tgt Ion:248 Resp: 13743

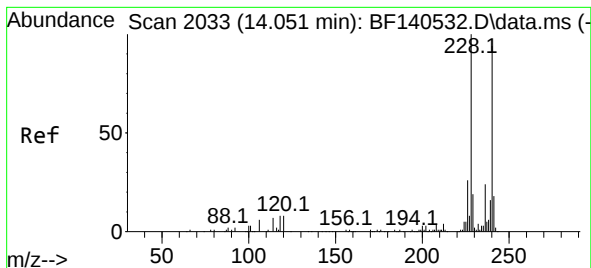
Ion Ratio Lower Upper

248 100

250 196.4 79.8 119.8#

141 513.4 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF140544.D

Acq: 21 Nov 2024 19:14

Instrument :

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MH-736

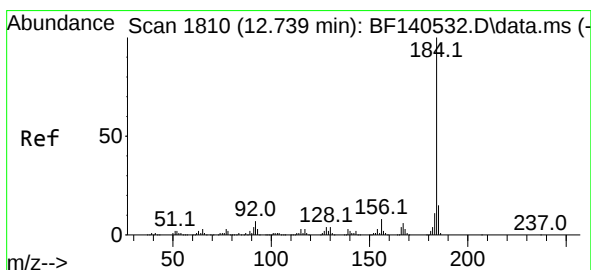
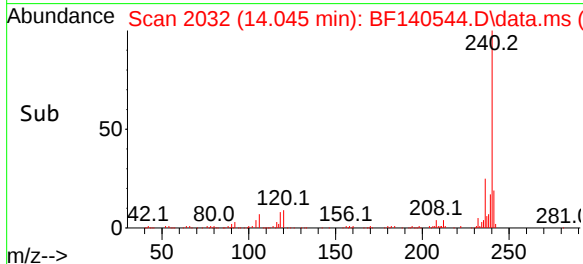
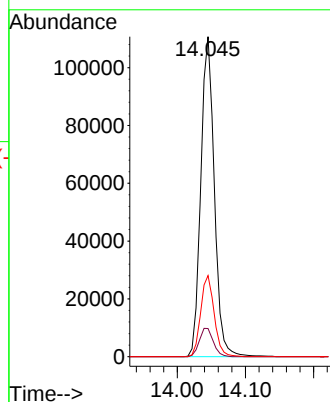
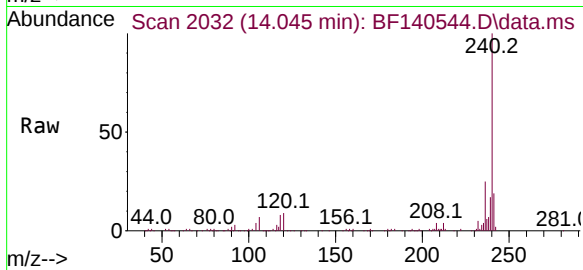
Tgt Ion:240 Resp: 152916

Ion Ratio Lower Upper

240 100

120 8.8 7.3 10.9

236 25.4 20.6 31.0



#77

Benzidine

Concen: 3.031 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.247 min

Lab File: BF140544.D

Acq: 21 Nov 2024 19:14

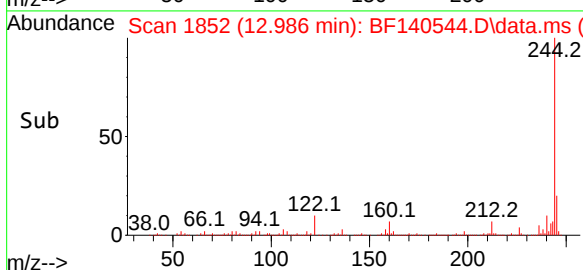
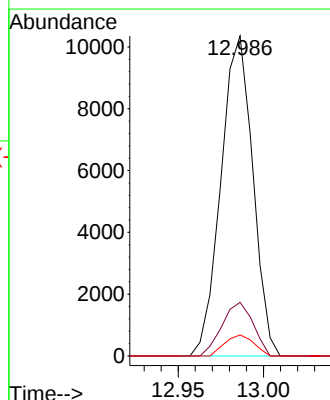
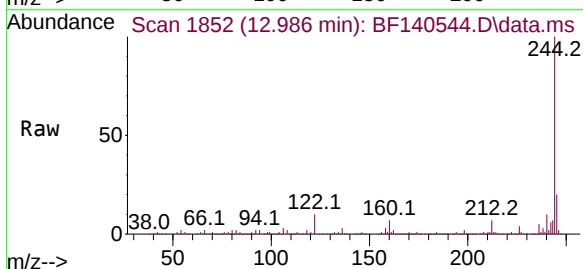
Tgt Ion:184 Resp: 13474

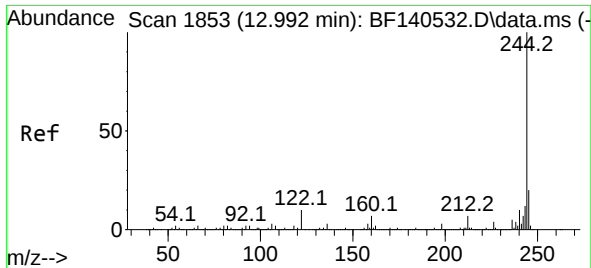
Ion Ratio Lower Upper

184 100

185 16.8 11.7 17.5

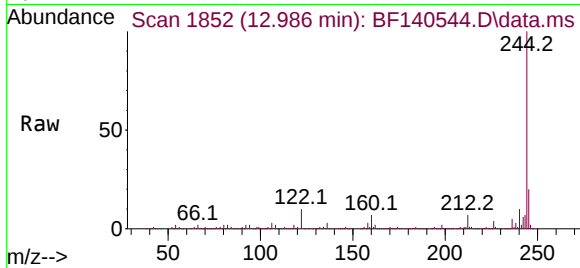
183 6.6 8.8 13.2#



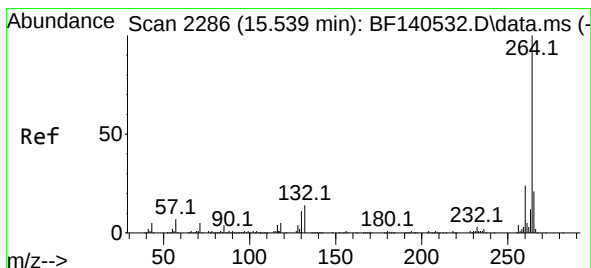
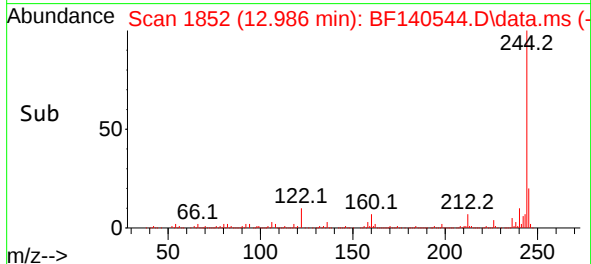
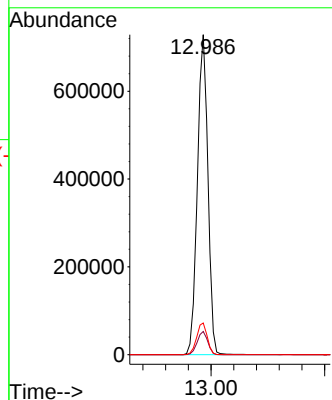


#79
Terphenyl-d14
Concen: 95.768 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140544.D
Acq: 21 Nov 2024 19:14

Instrument :
BNA_F
ClientSampleId :
MH-736



Tgt Ion:244 Resp: 940475
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 9.9 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF140544.D
Acq: 21 Nov 2024 19:14

Tgt Ion:264 Resp: 117093
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 21.4 16.6 25.0

