

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140569.D
 Acq On : 22 Nov 2024 11:36
 Operator : RC/JU
 Sample : P4893-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-762

Quant Time: Nov 22 12:13:27 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

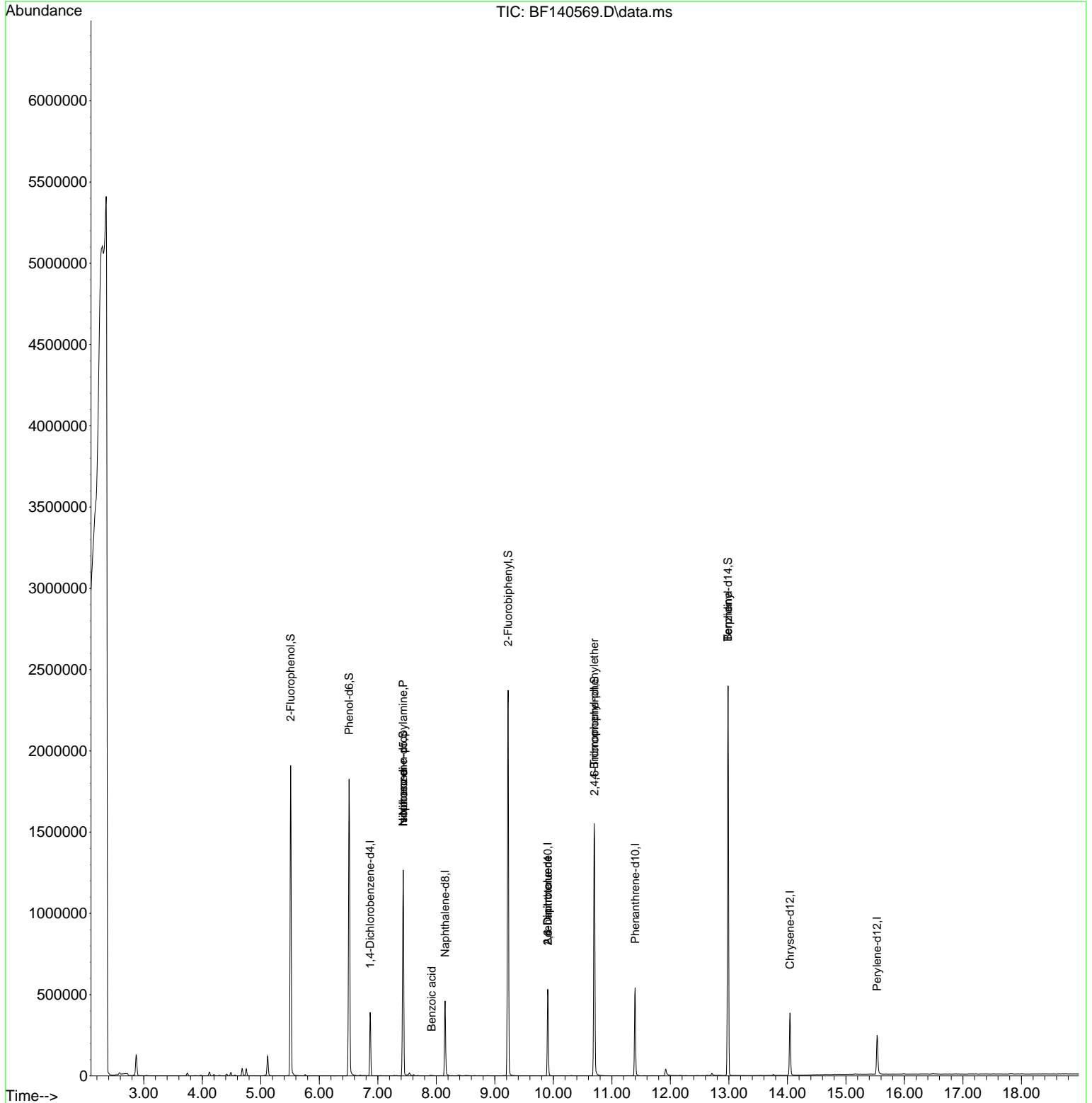
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	81045	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	299632	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	162627	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	306157	20.000	ng	0.00
76) Chrysene-d12	14.045	240	193949	20.000	ng	0.00
86) Perylene-d12	15.533	264	159076	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	712612	150.023	ng	0.01
7) Phenol-d6	6.510	99	899196	143.193	ng	0.00
23) Nitrobenzene-d5	7.434	82	595691	101.691	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	280644	161.354	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1078889	98.845	ng	0.00
79) Terphenyl-d14	12.986	244	1186857	95.287	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	81358	21.922	ng	# 76
25) Isophorone	7.434	82	590911	60.479	ng	# 66
32) Benzoic acid	7.922	122	817	7.441	ng	91
51) 2,6-Dinitrotoluene	9.904	165	20941	8.621	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	20941	6.487	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	17893	5.675	ng	# 1
77) Benzidine	12.986	184	16424	2.913	ng	# 93

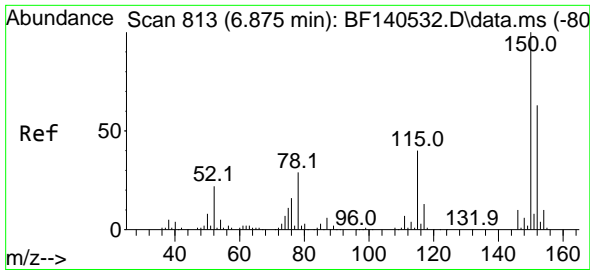
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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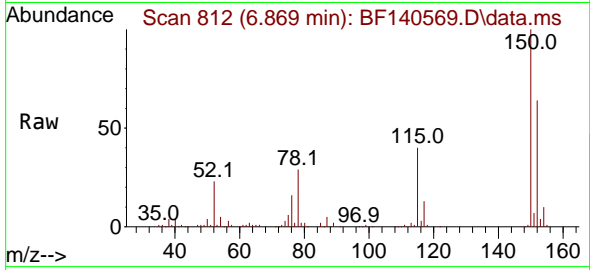
Quant Time: Nov 22 12:13:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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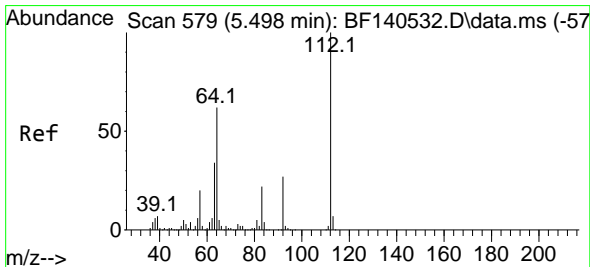
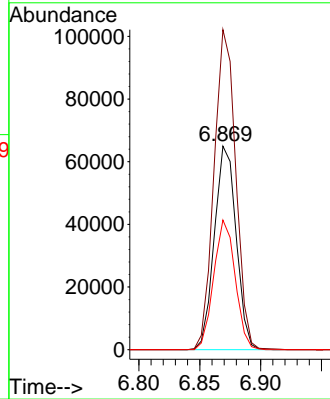
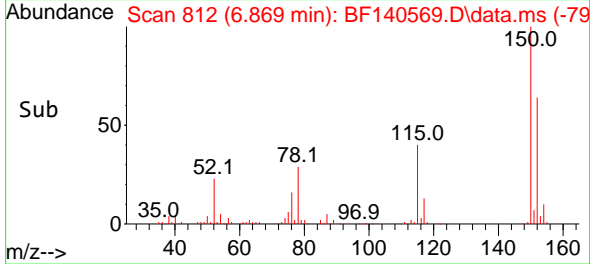


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 813
 Delta R.T. -0.006 min
 Lab File: BF140569.D
 Acq: 22 Nov 2024 11:36

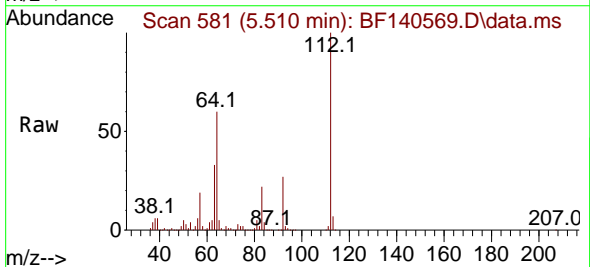
Instrument :
 BNA_F
 ClientSampleId :
 MH-762



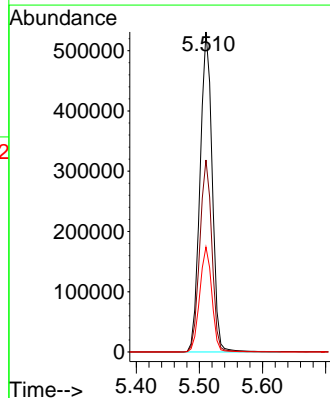
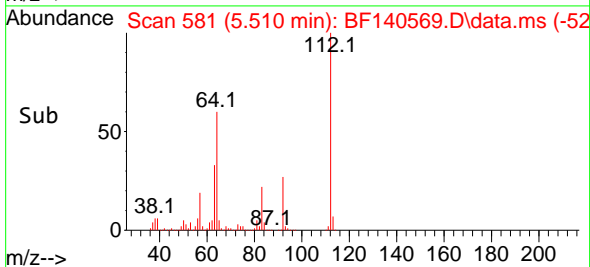
Tgt Ion:152 Resp: 81045
 Ion Ratio Lower Upper
 152 100
 150 157.2 128.5 192.7
 115 63.6 50.2 75.4

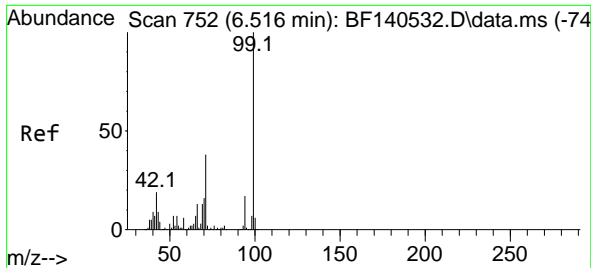


#5
 2-Fluorophenol
 Concen: 150.023 ng
 RT: 5.510 min Scan# 581
 Delta R.T. 0.012 min
 Lab File: BF140569.D
 Acq: 22 Nov 2024 11:36



Tgt Ion:112 Resp: 712612
 Ion Ratio Lower Upper
 112 100
 64 60.0 49.2 73.8
 63 32.8 27.0 40.4

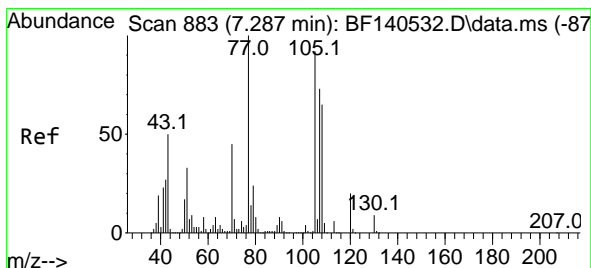
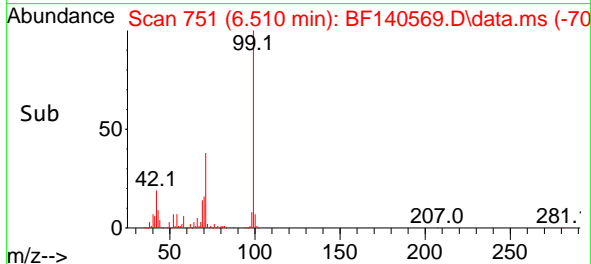
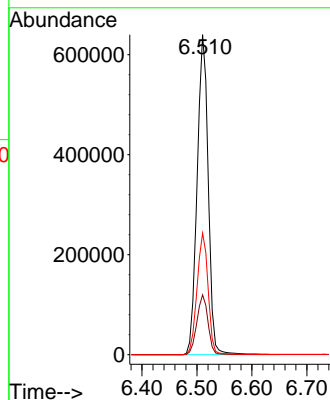
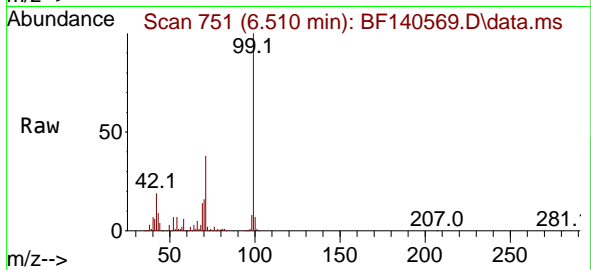




#7
 Phenol-d6
 Concen: 143.193 ng
 RT: 6.510 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF140569.D
 Acq: 22 Nov 2024 11:36

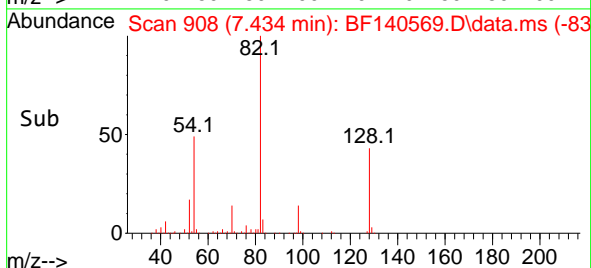
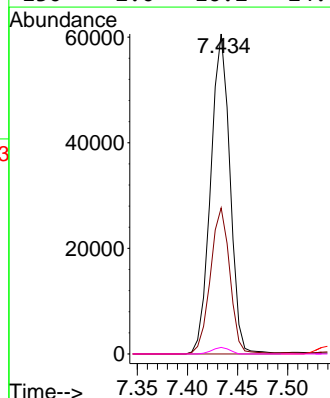
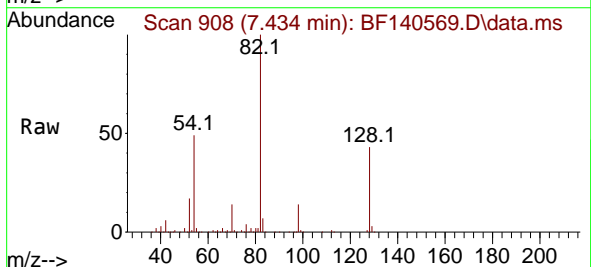
Instrument :
 BNA_F
 ClientSampleId :
 MH-762

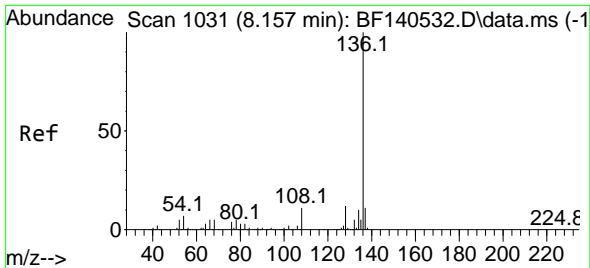
Tgt Ion	Resp	Lower	Upper
99	100		
42	18.7	15.4	23.0
71	38.0	30.6	46.0



#19
 n-Nitroso-di-n-propylamine
 Concen: 21.922 ng
 RT: 7.434 min Scan# 908
 Delta R.T. 0.147 min
 Lab File: BF140569.D
 Acq: 22 Nov 2024 11:36

Tgt Ion	Resp	Lower	Upper
70	100		
42	45.7	47.6	71.4#
101	0.0	7.6	11.4#
130	2.0	16.2	24.4#



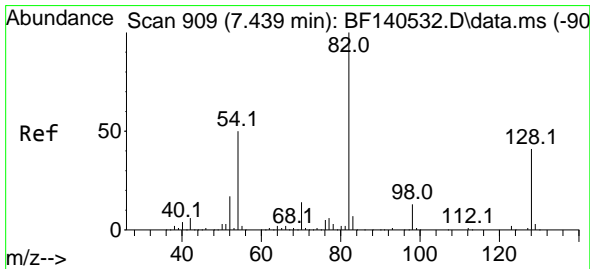
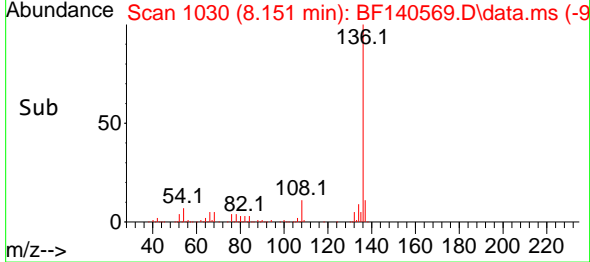
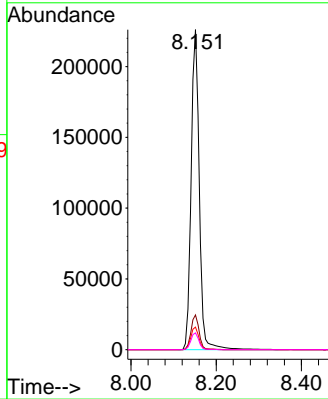
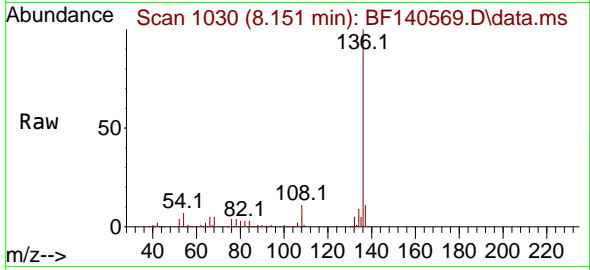


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.151 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: BF140569.D
 Acq: 22 Nov 2024 11:36

Instrument : BNA_F
 ClientSampleId : MH-762

Tgt Ion:136 Resp: 299632

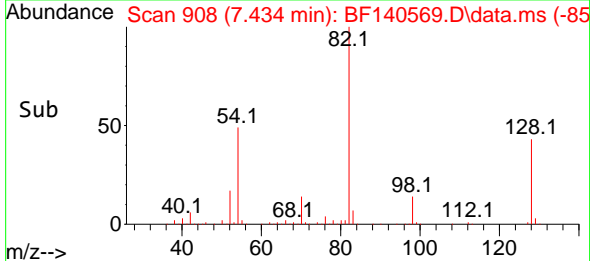
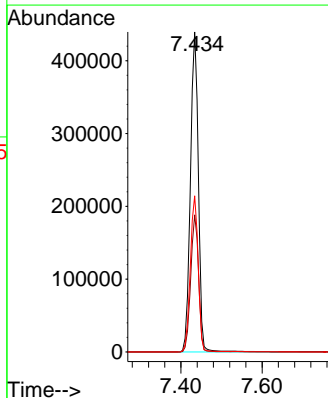
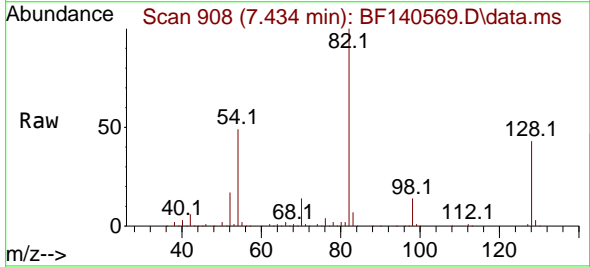
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.0	5.8	8.8
68	5.3	4.1	6.1

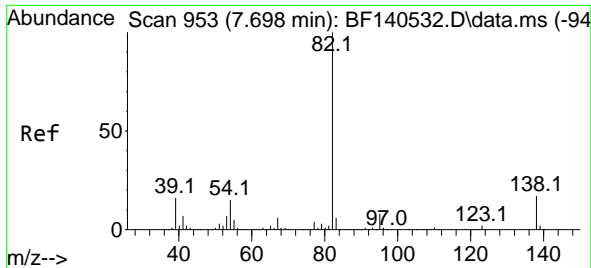


#23
 Nitrobenzene-d5
 Concen: 101.691 ng
 RT: 7.434 min Scan# 908
 Delta R.T. -0.006 min
 Lab File: BF140569.D
 Acq: 22 Nov 2024 11:36

Tgt Ion: 82 Resp: 595691

Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.0	49.4
54	48.8	39.5	59.3

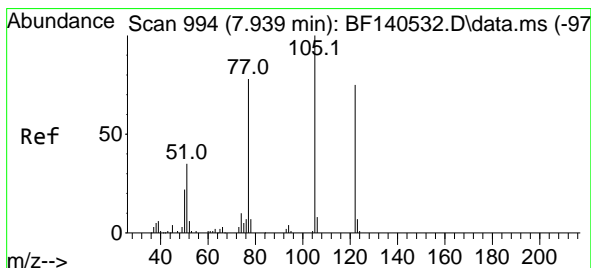
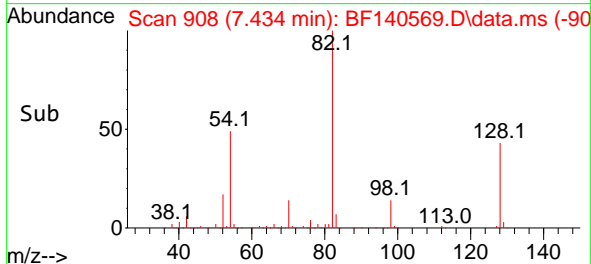
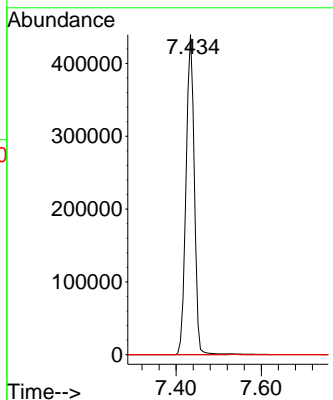
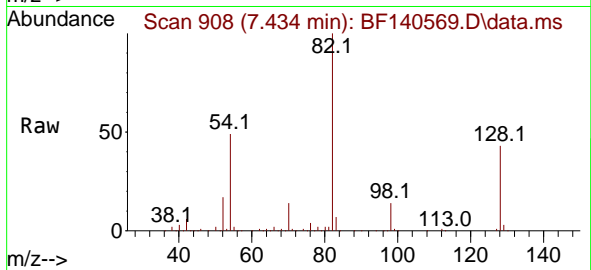




#25
 Isophorone
 Concen: 60.479 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.265 min
 Lab File: BF140569.D
 Acq: 22 Nov 2024 11:36

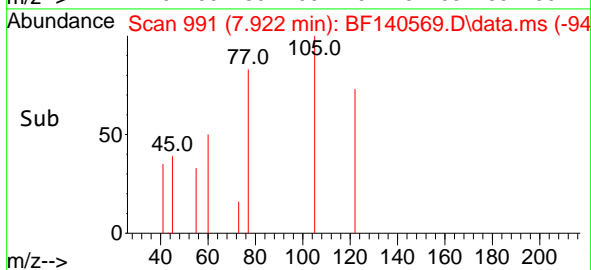
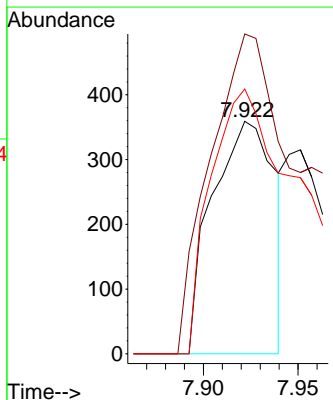
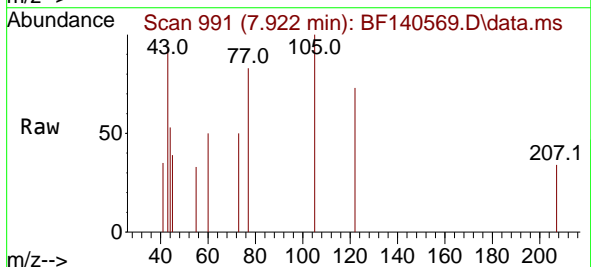
Instrument : BNA_F
 ClientSampleId : MH-762

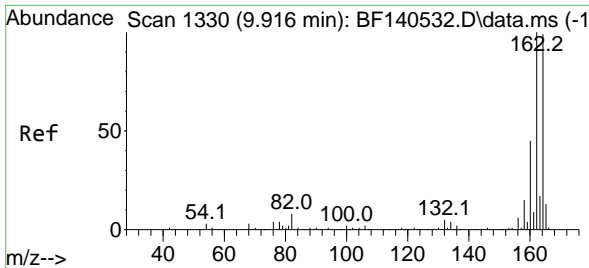
Tgt Ion: 82 Resp: 590911
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.4 9.6#
 138 0.0 13.8 20.6#



#32
 Benzoic acid
 Concen: 7.441 ng
 RT: 7.922 min Scan# 991
 Delta R.T. -0.017 min
 Lab File: BF140569.D
 Acq: 22 Nov 2024 11:36

Tgt Ion: 122 Resp: 817
 Ion Ratio Lower Upper
 122 100
 105 137.6 109.3 149.3
 77 113.9 82.3 122.3



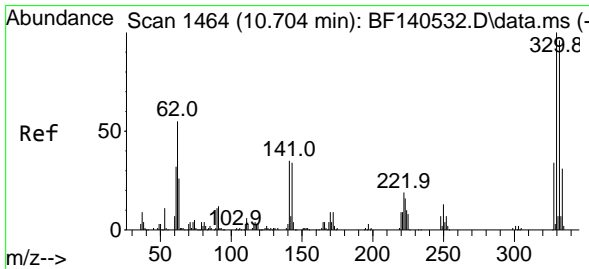
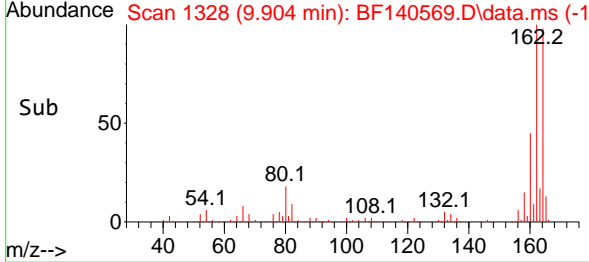
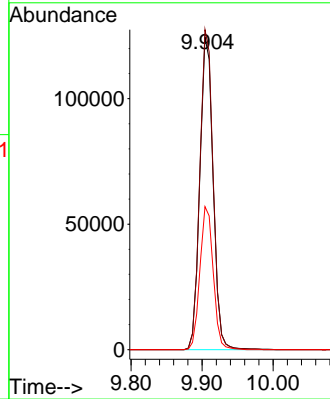
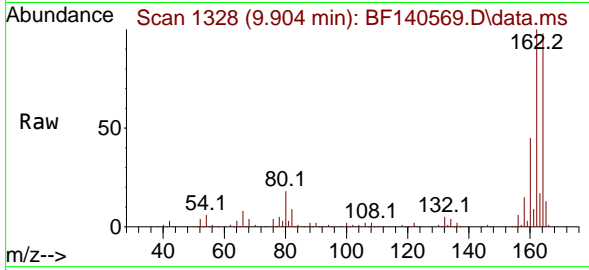


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF140569.D
 Acq: 22 Nov 2024 11:36

Instrument :
 BNA_F
 ClientSampleId :
 MH-762

Tgt Ion:164 Resp: 162627

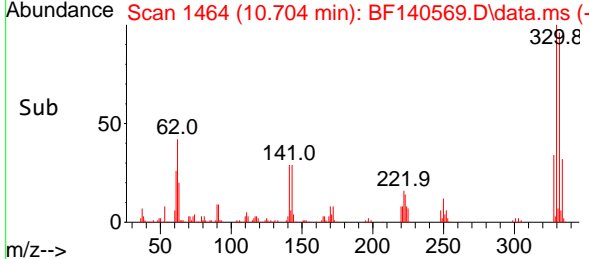
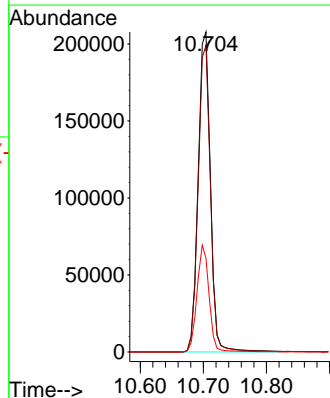
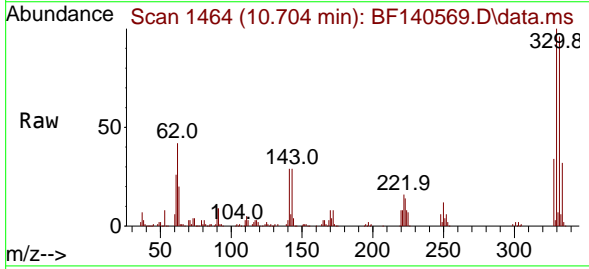
Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.6	120.8
160	45.8	36.2	54.4

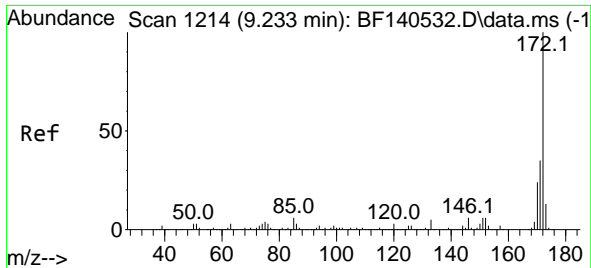


#42
 2,4,6-Tribromophenol
 Concen: 161.354 ng
 RT: 10.704 min Scan# 1464
 Delta R.T. 0.000 min
 Lab File: BF140569.D
 Acq: 22 Nov 2024 11:36

Tgt Ion:330 Resp: 280644

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	32.9	26.7	40.1

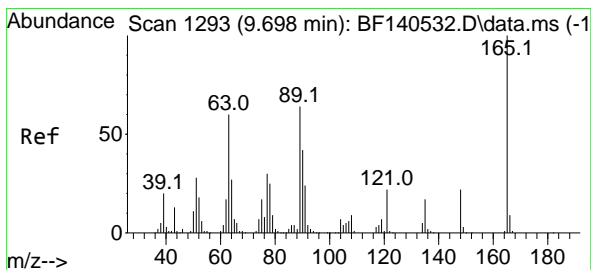
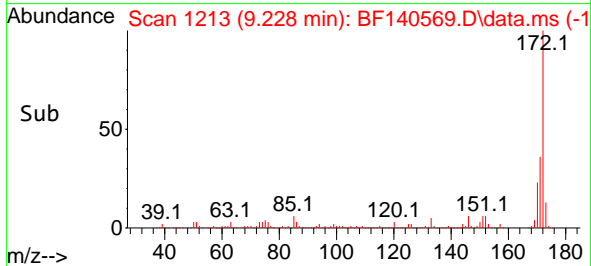
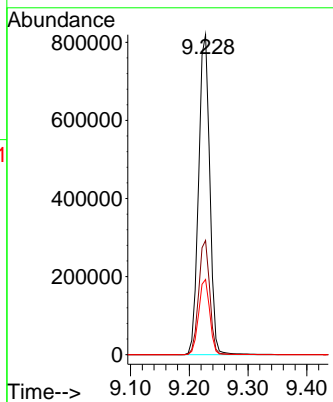
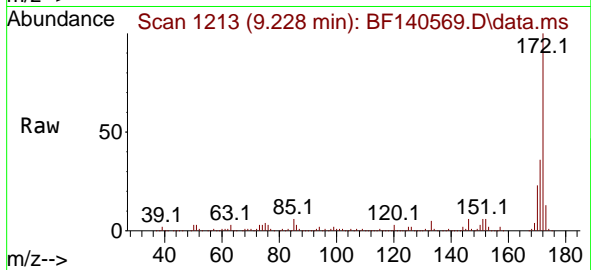




#45
 2-Fluorobiphenyl
 Concen: 98.845 ng
 RT: 9.228 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140569.D
 Acq: 22 Nov 2024 11:36

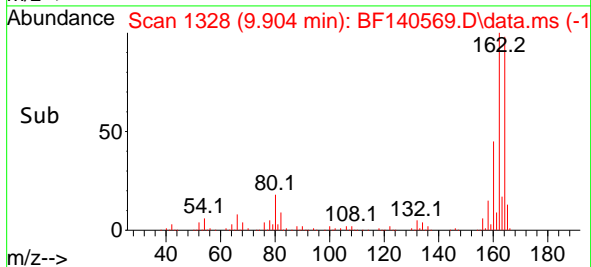
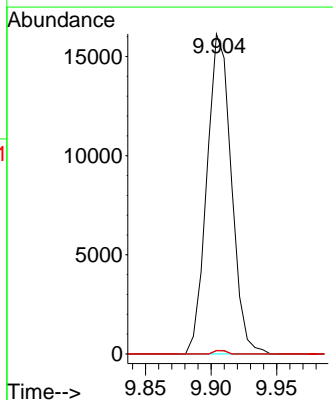
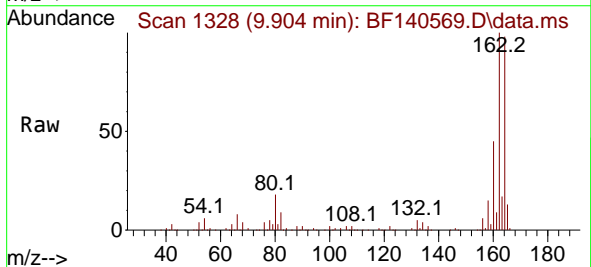
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 MH-762

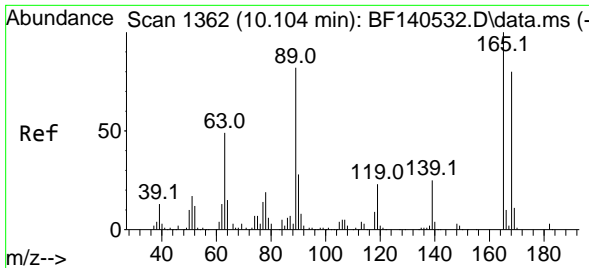
Tgt Ion:172 Resp: 1078889
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.4 42.6
 170 23.5 19.0 28.6



#51
 2,6-Dinitrotoluene
 Concen: 8.621 ng
 RT: 9.904 min Scan# 1328
 Delta R.T. 0.206 min
 Lab File: BF140569.D
 Acq: 22 Nov 2024 11:36

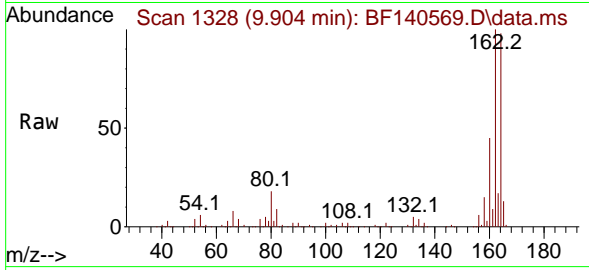
Tgt Ion:165 Resp: 20941
 Ion Ratio Lower Upper
 165 100
 63 1.0 49.9 74.9#
 89 1.1 50.9 76.3#





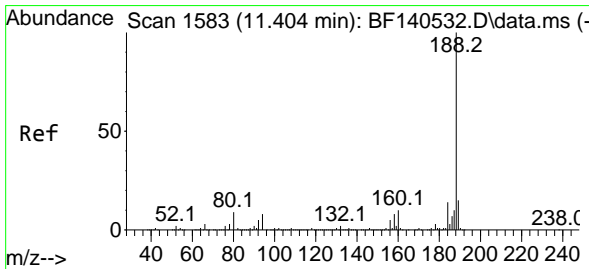
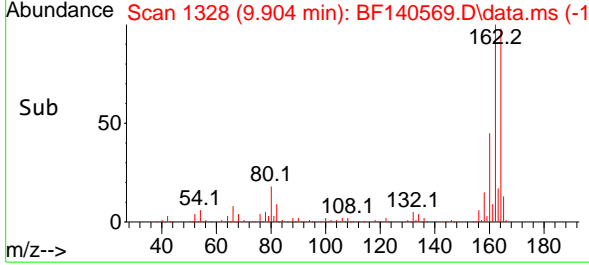
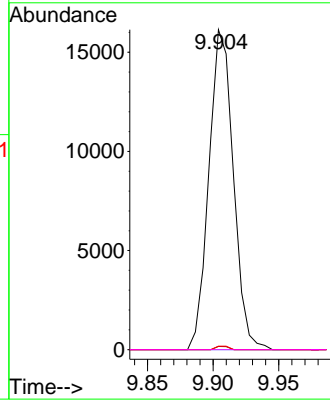
#57
 2,4-Dinitrotoluene
 Concen: 6.487 ng
 RT: 9.904 min Scan# 11
 Delta R.T. -0.200 min
 Lab File: BF140569.D
 Acq: 22 Nov 2024 11:36

Instrument :
 BNA_F
 ClientSampleId :
 MH-762



Tgt Ion:165 Resp: 20941

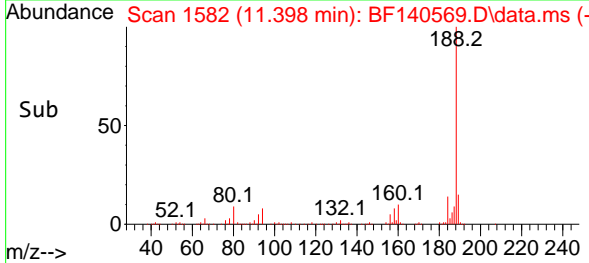
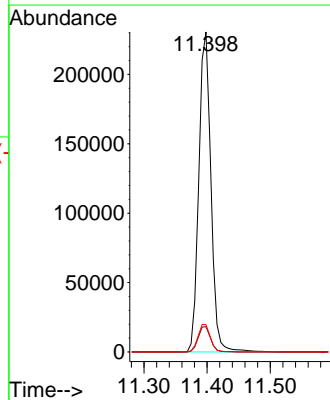
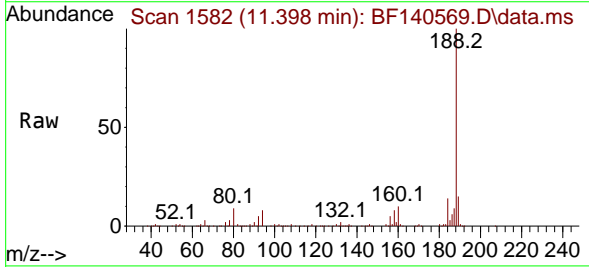
Ion	Ratio	Lower	Upper
165	100		
63	1.0	41.7	62.5#
89	1.1	65.8	98.8#
182	0.0	2.1	3.1#

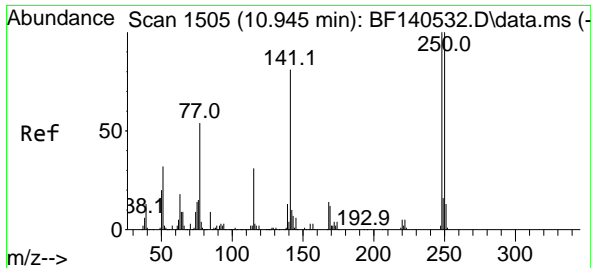


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.398 min Scan# 1582
 Delta R.T. -0.006 min
 Lab File: BF140569.D
 Acq: 22 Nov 2024 11:36

Tgt Ion:188 Resp: 306157

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.4	9.6
80	8.6	6.9	10.3

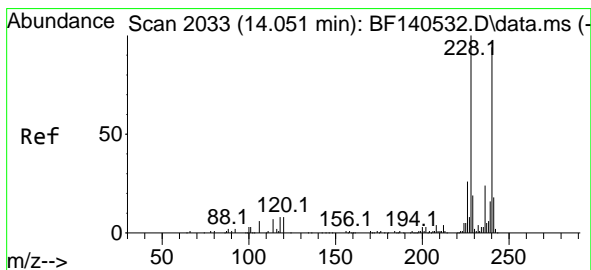
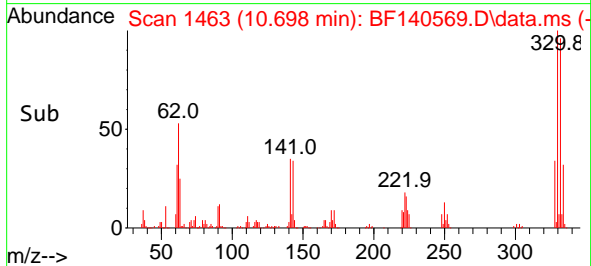
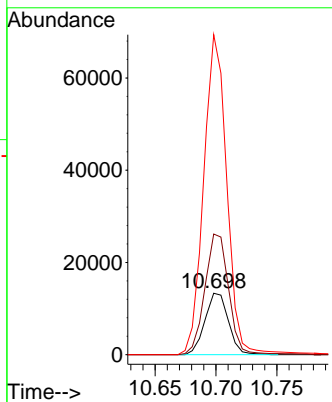
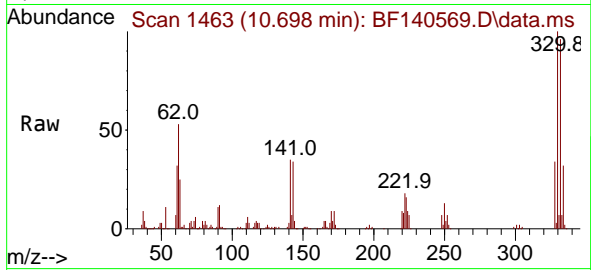




#67
 4-Bromophenyl-phenylether
 Concen: 5.675 ng
 RT: 10.698 min Scan# 14
 Delta R.T. -0.247 min
 Lab File: BF140569.D
 Acq: 22 Nov 2024 11:36

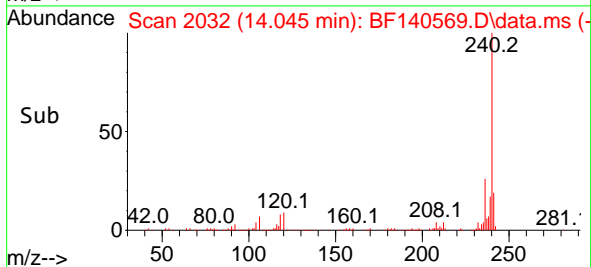
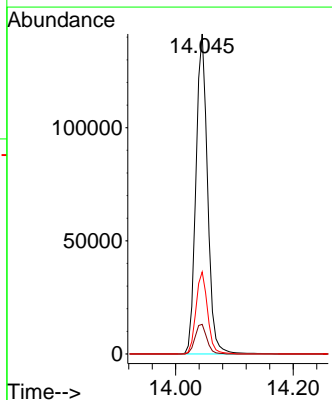
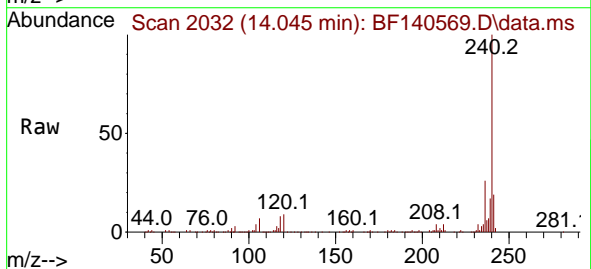
Instrument :
 BNA_F
 ClientSampleId :
 MH-762

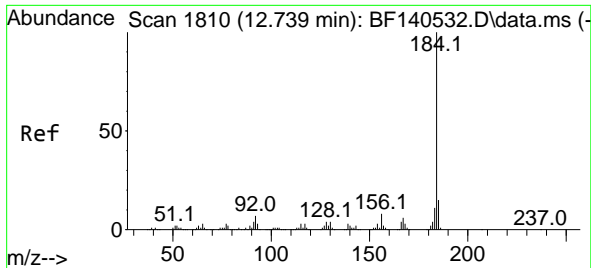
Tgt Ion:248 Resp: 17893
 Ion Ratio Lower Upper
 248 100
 250 196.3 79.8 119.8#
 141 520.5 64.7 97.1#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.045 min Scan# 2032
 Delta R.T. -0.006 min
 Lab File: BF140569.D
 Acq: 22 Nov 2024 11:36

Tgt Ion:240 Resp: 193949
 Ion Ratio Lower Upper
 240 100
 120 9.2 7.3 10.9
 236 25.7 20.6 31.0

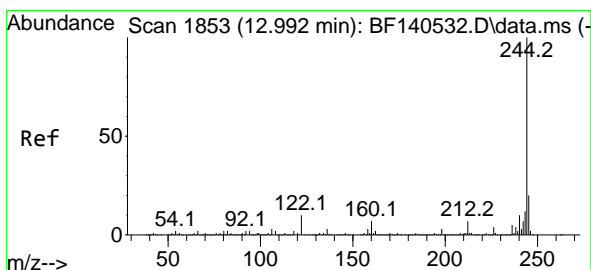
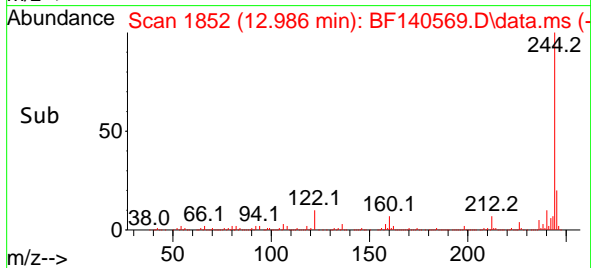
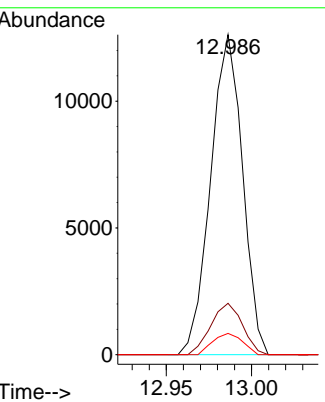
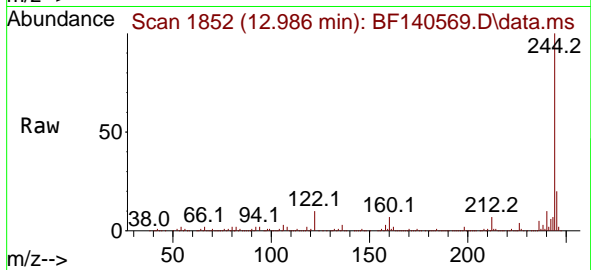




#77
 Benzidine
 Concen: 2.913 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. 0.247 min
 Lab File: BF140569.D
 Acq: 22 Nov 2024 11:36

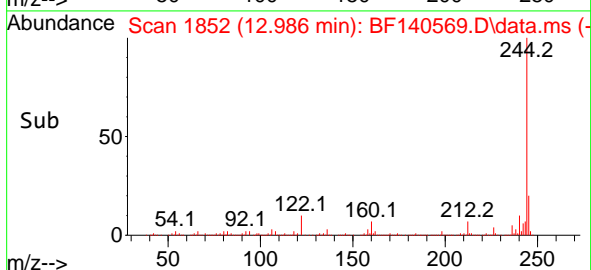
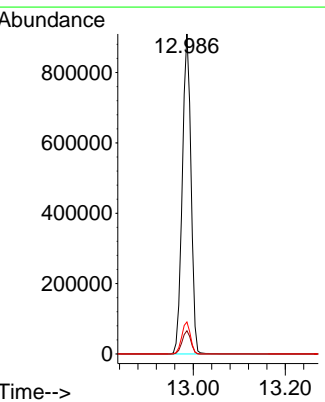
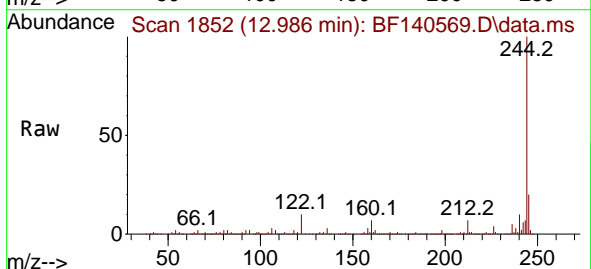
Instrument : BNA_F
 ClientSampleId : MH-762

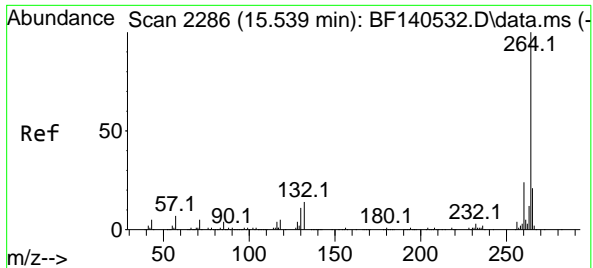
Tgt Ion	Resp	Lower	Upper
184	16424		
185	16.1	11.7	17.5
183	6.6	8.8	13.2#



#79
 Terphenyl-d14
 Concen: 95.287 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF140569.D
 Acq: 22 Nov 2024 11:36

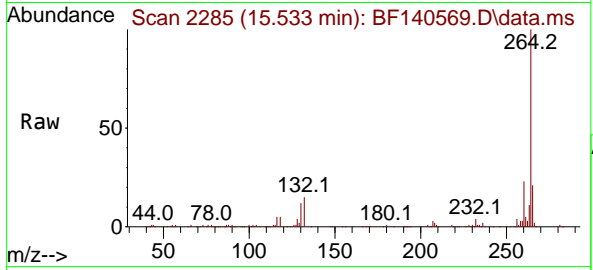
Tgt Ion	Resp	Lower	Upper
244	1186857		
212	7.3	5.8	8.8
122	10.0	8.0	12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF140569.D
 Acq: 22 Nov 2024 11:36

Instrument :
 BNA_F
 ClientSampleId :
 MH-762



Tgt Ion:264 Resp: 159076

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.2	16.6	25.0

