

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
 Data File : BF144190.D
 Acq On : 06 Nov 2025 16:24
 Operator : RC/JU
 Sample : Q3534-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Quant Time: Nov 06 16:56:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

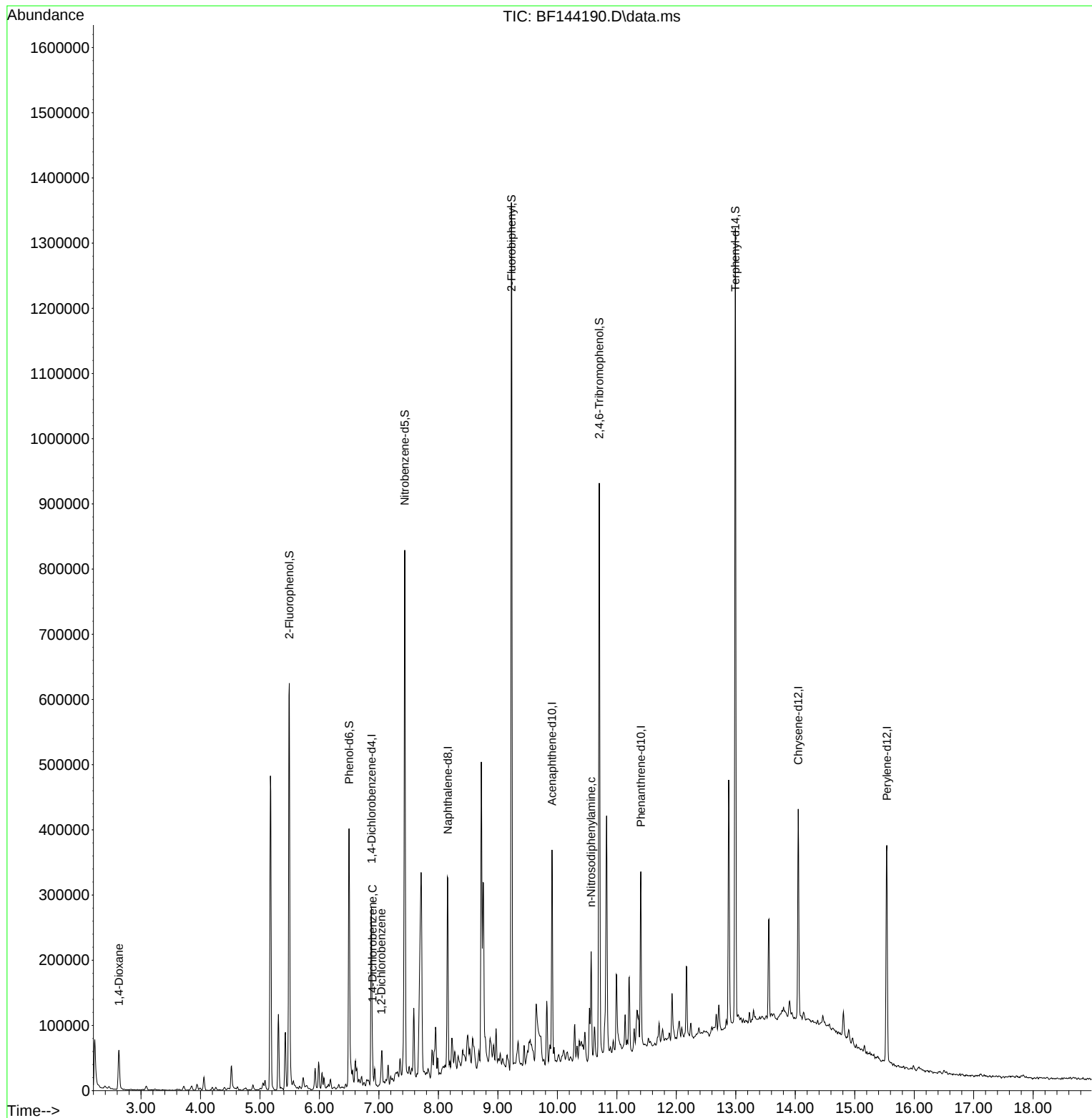
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	57037	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	196724	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	96960	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	143872	20.000	ng	0.00
76) Chrysene-d12	14.051	240	165200	20.000	ng	0.00
86) Perylene-d12	15.539	264	216482	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	258087	70.809	ng	0.00
7) Phenol-d6	6.498	99	180103	43.610	ng	0.00
23) Nitrobenzene-d5	7.434	82	326903	95.973	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	150025	123.301	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	620269	94.482	ng	0.00
79) Terphenyl-d14	12.992	244	637571	61.303	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	33998	22.562	ng	98
13) 1,4-Dichlorobenzene	6.892	146	14271	3.230	ng	97
14) 1,2-Dichlorobenzene	7.040	146	8981	2.120	ng	94
66) n-Nitrosodiphenylamine	10.569	169	60839	13.148	ng	98

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

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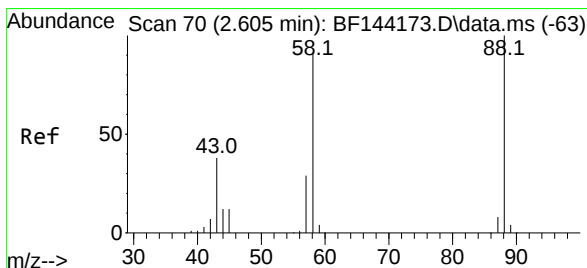
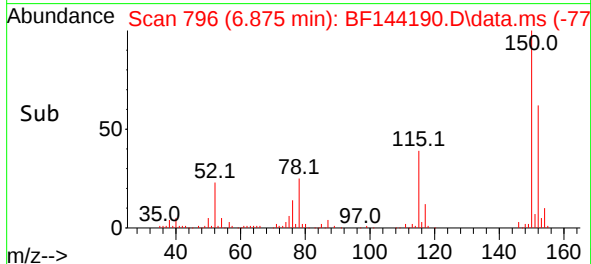
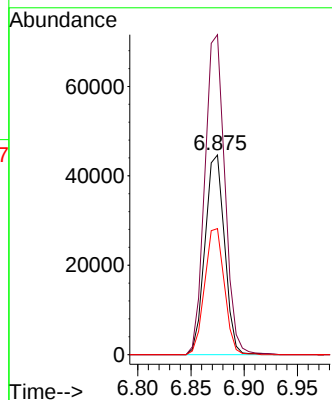
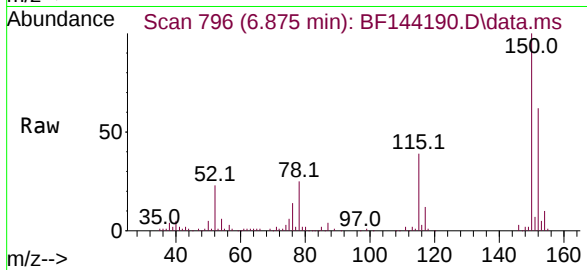




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF144190.D
 Acq: 06 Nov 2025 16:24

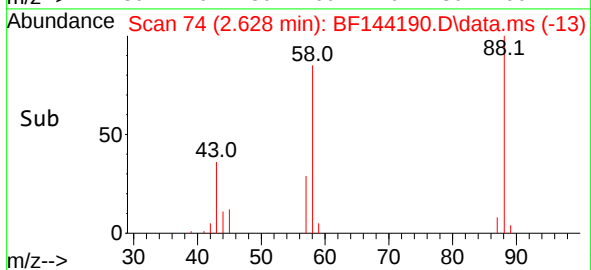
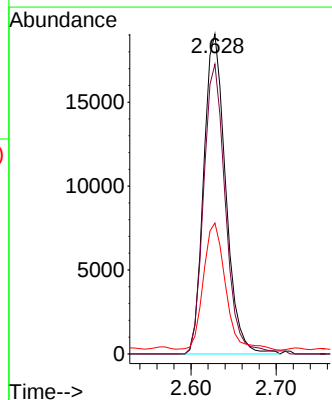
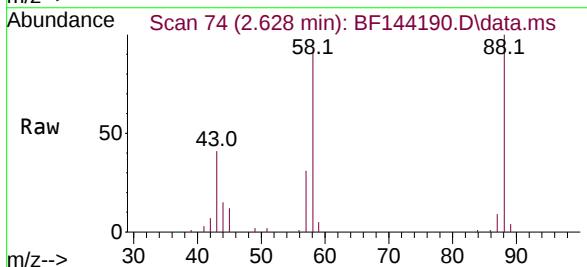
Instrument :
 BNA_F
 ClientSampleId :
 MW-6

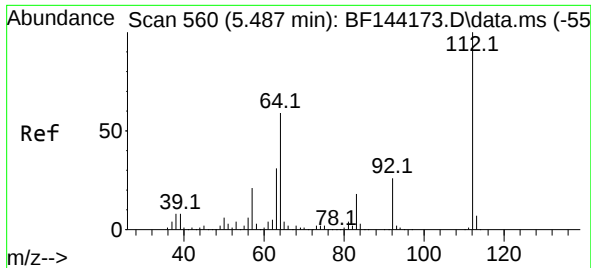
Tgt Ion:152 Resp: 57037
 Ion Ratio Lower Upper
 152 100
 150 160.3 127.4 191.0
 115 63.1 49.5 74.3



#2
 1,4-Dioxane
 Concen: 22.562 ng
 RT: 2.628 min Scan# 74
 Delta R.T. 0.012 min
 Lab File: BF144190.D
 Acq: 06 Nov 2025 16:24

Tgt Ion: 88 Resp: 33998
 Ion Ratio Lower Upper
 88 100
 58 90.4 73.1 109.7
 43 40.4 31.0 46.6

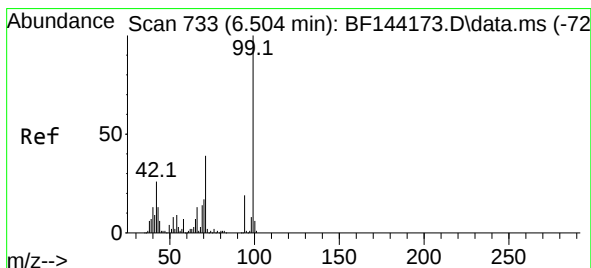
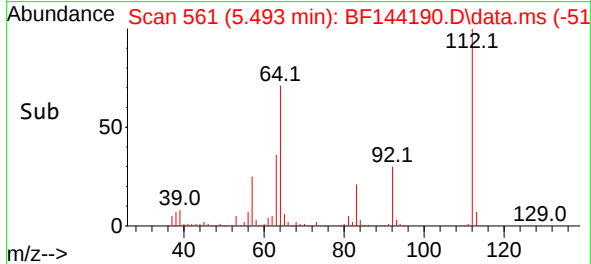
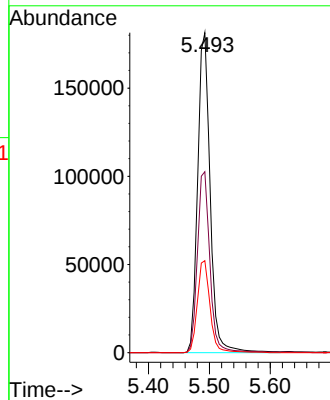
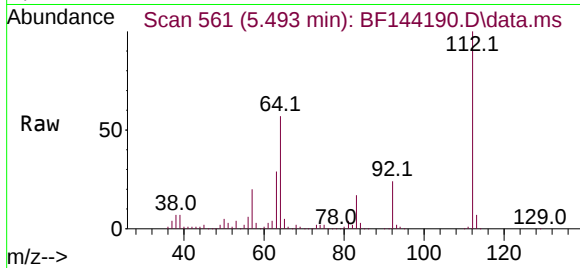




#5
2-Fluorophenol
Concen: 70.809 ng
RT: 5.493 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

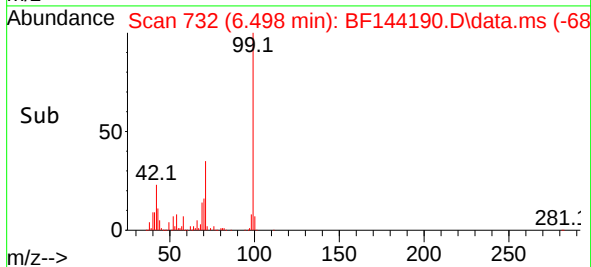
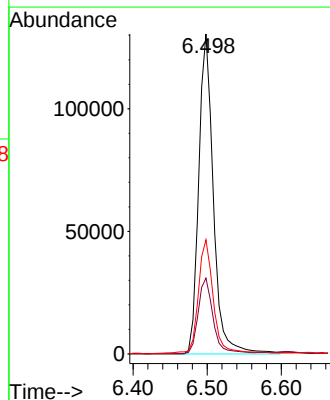
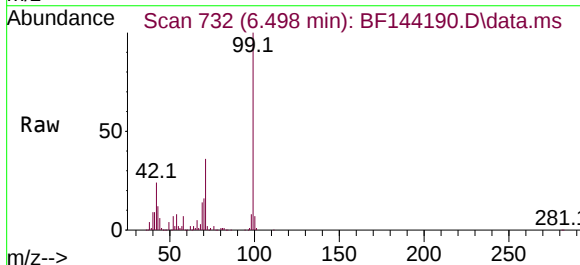
Instrument :
BNA_F
ClientSampleId :
MW-6

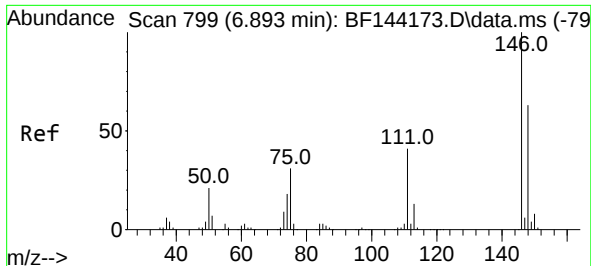
Tgt Ion:112 Resp: 258087
Ion Ratio Lower Upper
112 100
64 56.5 47.2 70.8
63 28.7 24.4 36.6



#7
Phenol-d6
Concen: 43.610 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

Tgt Ion: 99 Resp: 180103
Ion Ratio Lower Upper
99 100
42 23.7 20.9 31.3
71 35.7 31.4 47.2

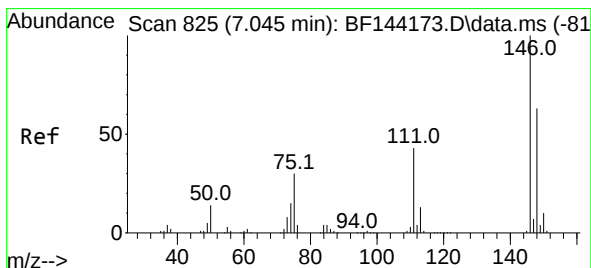
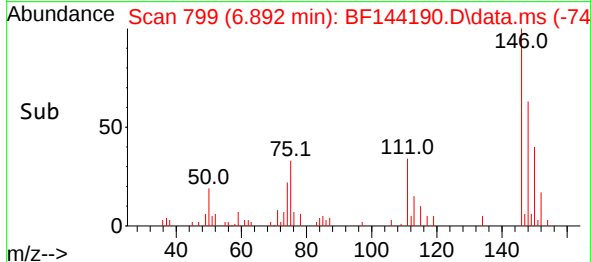
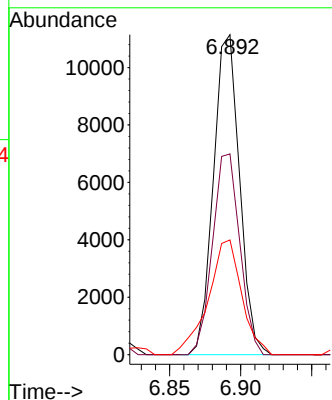
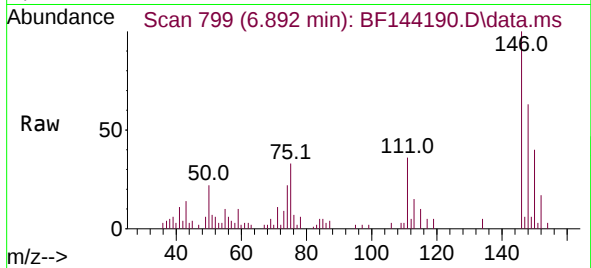




#13
1,4-Dichlorobenzene
Concen: 3.230 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

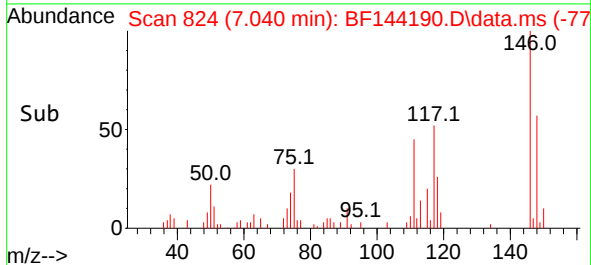
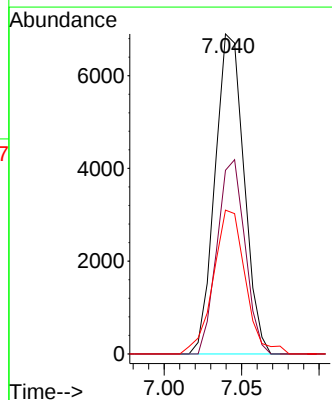
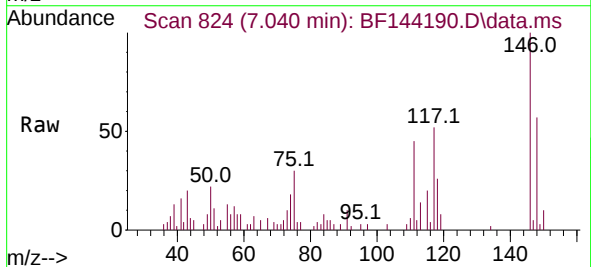
Instrument :
BNA_F
ClientSampleId :
MW-6

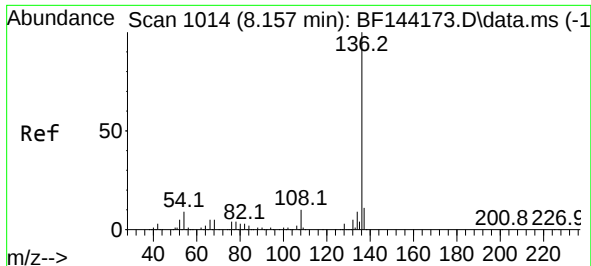
Tgt Ion:146	Resp:	14271
Ion Ratio	Lower	Upper
146	100	
148	62.7	50.2 75.2
111	35.8	32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 2.120 ng
RT: 7.040 min Scan# 824
Delta R.T. -0.006 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

Tgt Ion:146	Resp:	8981
Ion Ratio	Lower	Upper
146	100	
148	57.4	50.7 76.1
111	44.9	34.2 51.4

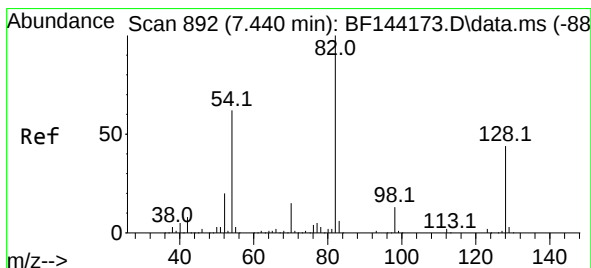
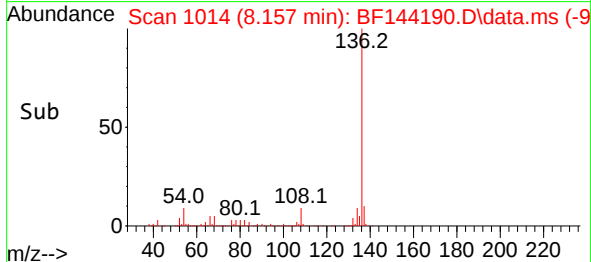
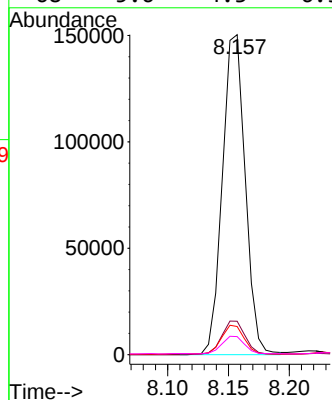
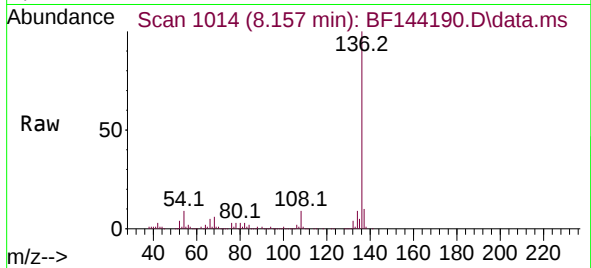




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

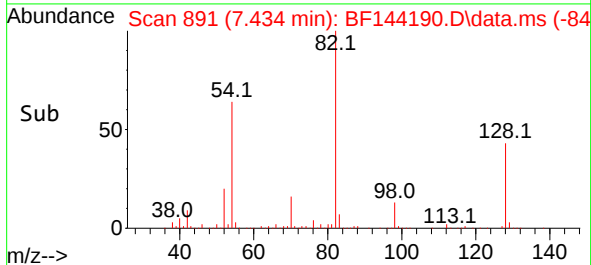
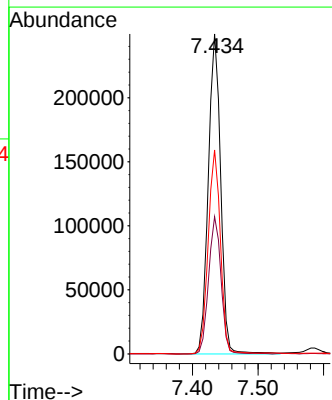
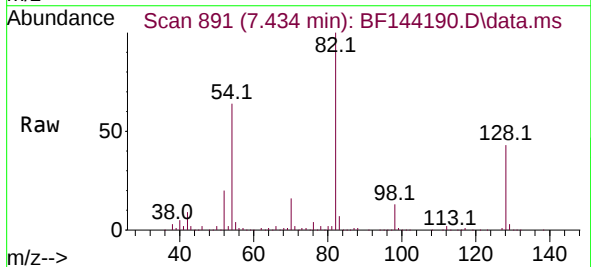
Instrument :
BNA_F
ClientSampleId :
MW-6

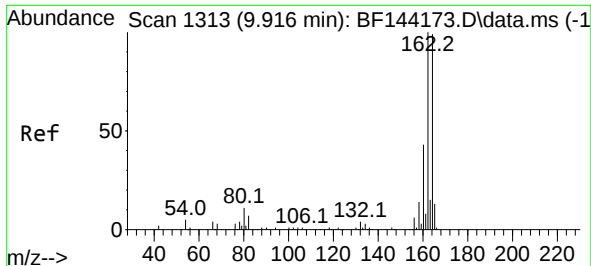
Tgt Ion:	136	Resp:	196724
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	8.8	7.0	10.6
68	5.6	4.3	6.5



#23
Nitrobenzene-d5
Concen: 95.973 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

Tgt Ion:	82	Resp:	326903
Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.7	52.1
54	63.7	49.5	74.3

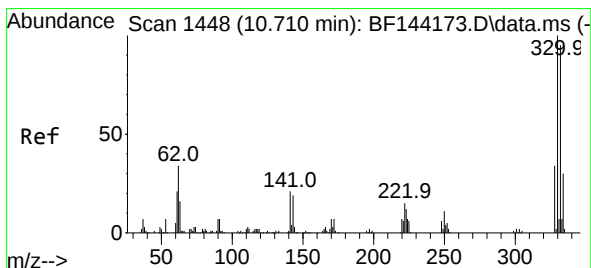
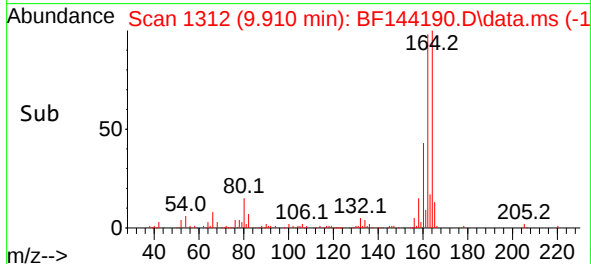
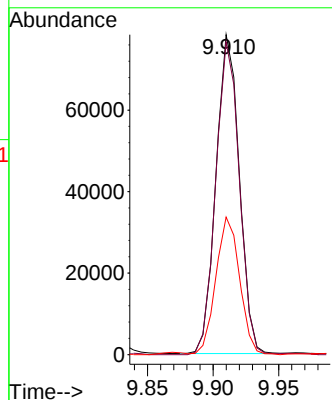
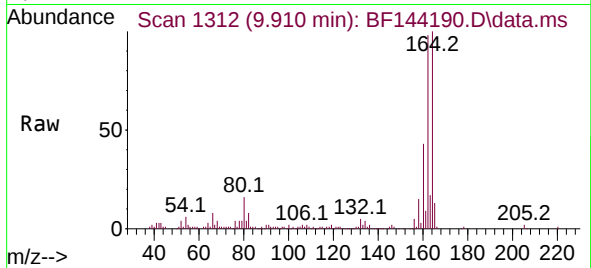




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.910 min Scan# 1313
 Delta R.T. -0.006 min
 Lab File: BF144190.D
 Acq: 06 Nov 2025 16:24

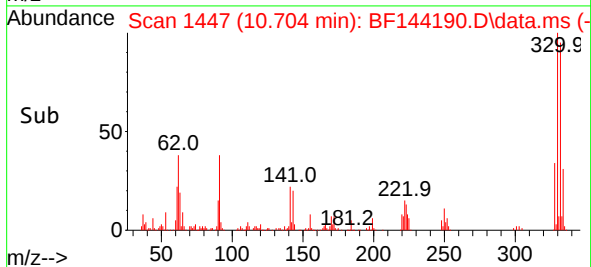
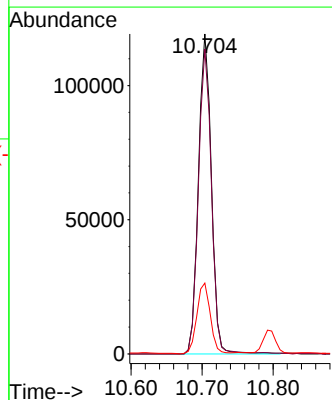
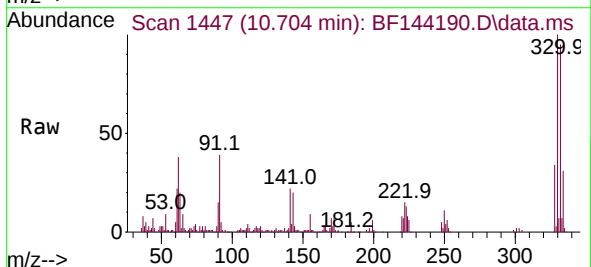
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 BNA_F
 ClientSampleId :
 MW-6

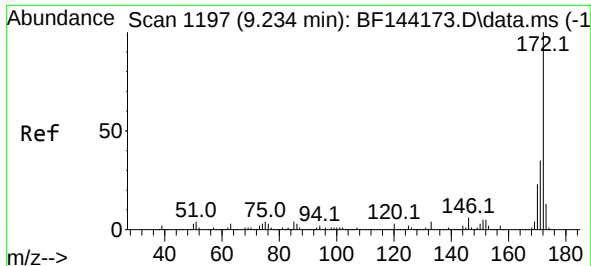
Tgt Ion:164 Resp: 96960
 Ion Ratio Lower Upper
 164 100
 162 97.7 81.1 121.7
 160 43.0 34.5 51.7



#42
 2,4,6-Tribromophenol
 Concen: 123.301 ng
 RT: 10.704 min Scan# 1447
 Delta R.T. -0.000 min
 Lab File: BF144190.D
 Acq: 06 Nov 2025 16:24

Tgt Ion:330 Resp: 150025
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.7 115.1
 141 23.1 17.8 26.8

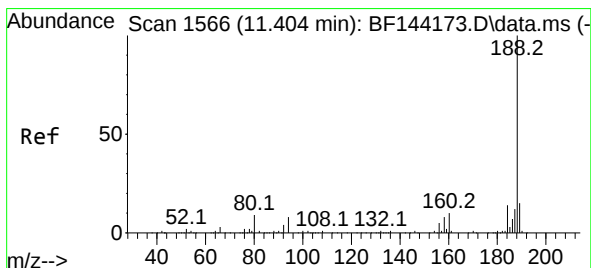
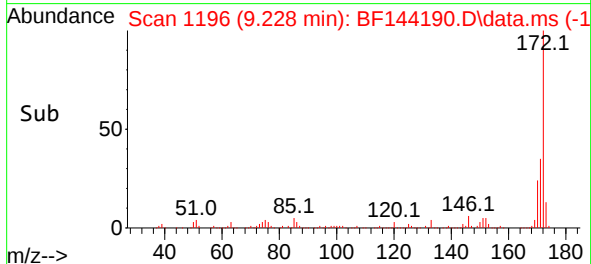
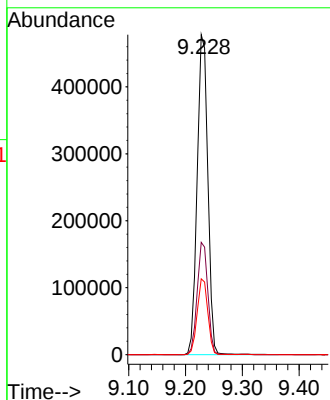
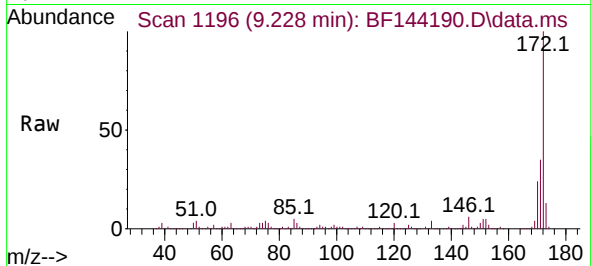




#45
2-Fluorobiphenyl
Concen: 94.482 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

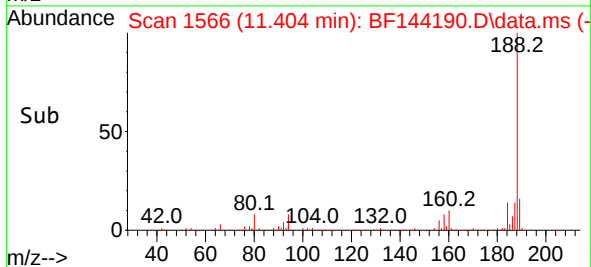
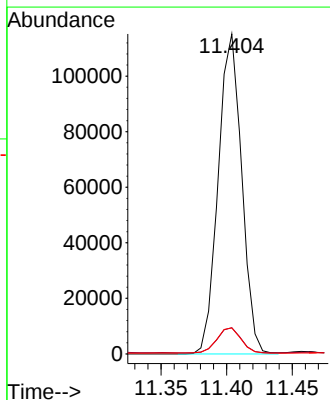
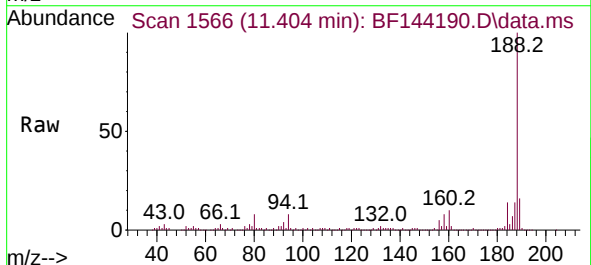
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BNA_F
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MW-6

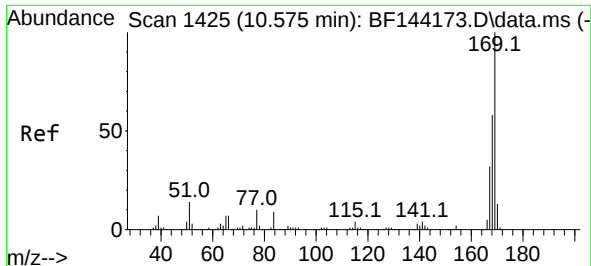
Tgt Ion:172 Resp: 620269
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.7 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

Tgt Ion:188 Resp: 143872
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.2
80 8.1 6.9 10.3

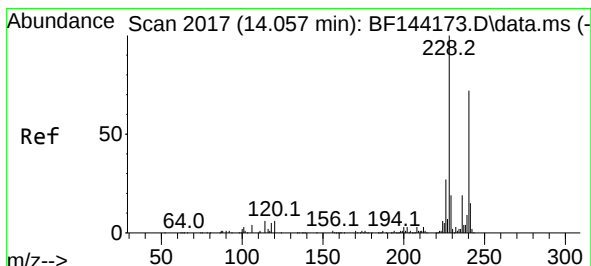
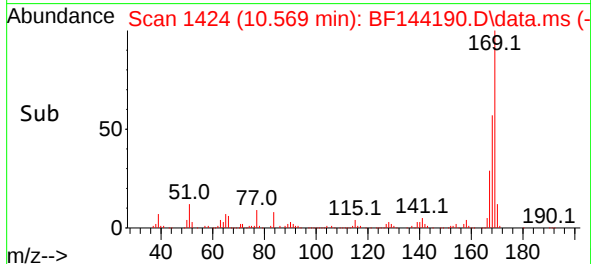
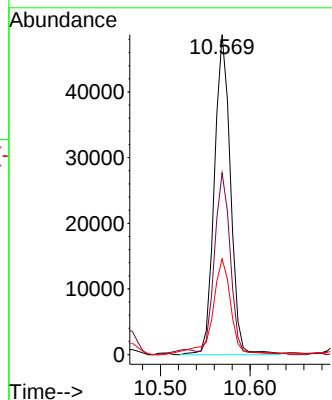
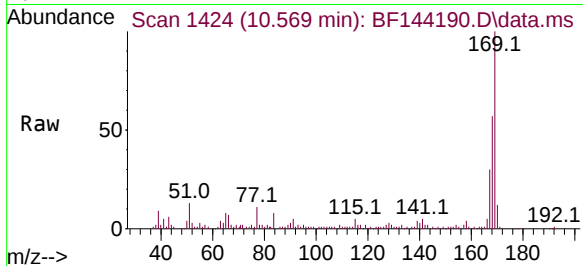




#66
 n-Nitrosodiphenylamine
 Concen: 13.148 ng
 RT: 10.569 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BF144190.D
 Acq: 06 Nov 2025 16:24

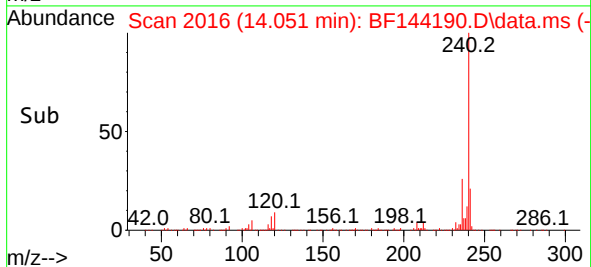
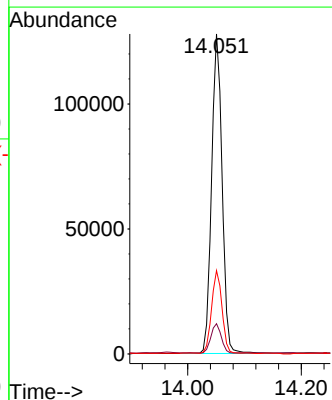
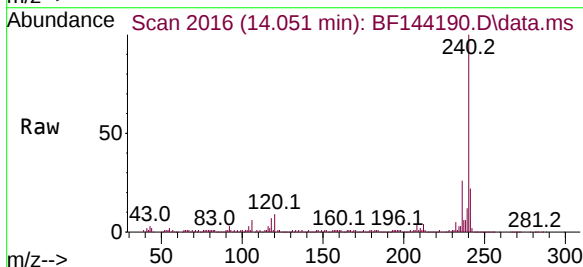
Instrument :
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 MW-6

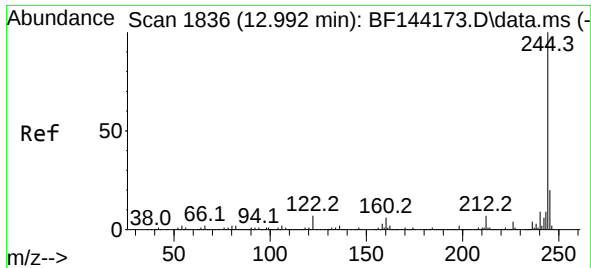
Tgt Ion:169 Resp: 60839
 Ion Ratio Lower Upper
 169 100
 168 56.8 46.2 69.2
 167 29.9 25.7 38.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.051 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: BF144190.D
 Acq: 06 Nov 2025 16:24

Tgt Ion:240 Resp: 165200
 Ion Ratio Lower Upper
 240 100
 120 9.4 6.6 10.0
 236 26.0 21.4 32.2

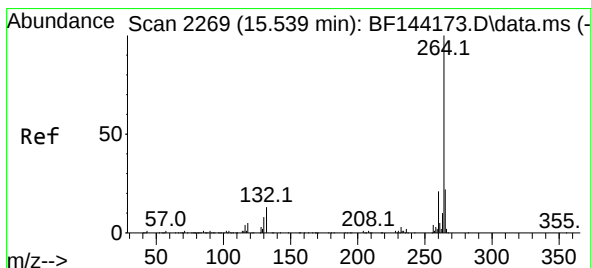
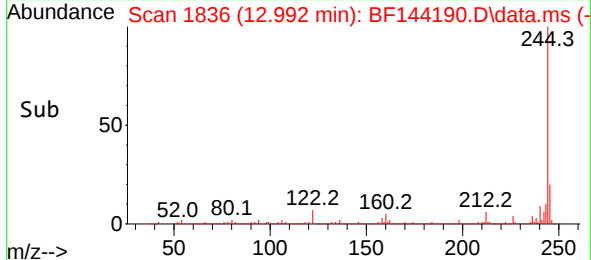
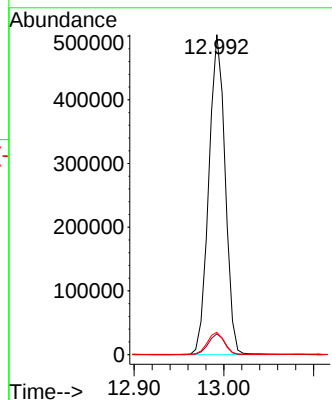
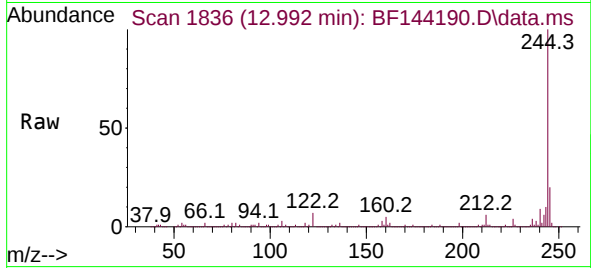




#79
 Terphenyl-d14
 Concen: 61.303 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF144190.D
 Acq: 06 Nov 2025 16:24

Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Tgt Ion:244 Resp: 637571
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 7.0 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. -0.000 min
 Lab File: BF144190.D
 Acq: 06 Nov 2025 16:24

Tgt Ion:264 Resp: 216482
 Ion Ratio Lower Upper
 264 100
 260 22.0 17.1 25.7
 265 21.4 17.4 26.0

