

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
 Data File : BF143034.D
 Acq On : 08 Jul 2025 15:34
 Operator : RC/JU
 Sample : Q2515-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Jul 08 15:59:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	49369	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	189462	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	93135	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	133605	20.000	ng	0.00
76) Chrysene-d12	14.051	240	92552	20.000	ng	0.00
86) Perylene-d12	15.551	264	121827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	213043	71.847	ng	0.00
7) Phenol-d6	6.504	99	255756	73.106	ng	0.00
23) Nitrobenzene-d5	7.434	82	159606	46.207	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	42989	44.854	ng	-0.01
45) 2-Fluorobiphenyl	9.234	172	343889	48.506	ng	-0.01
79) Terphenyl-d14	12.992	244	229270	34.228	ng	0.00

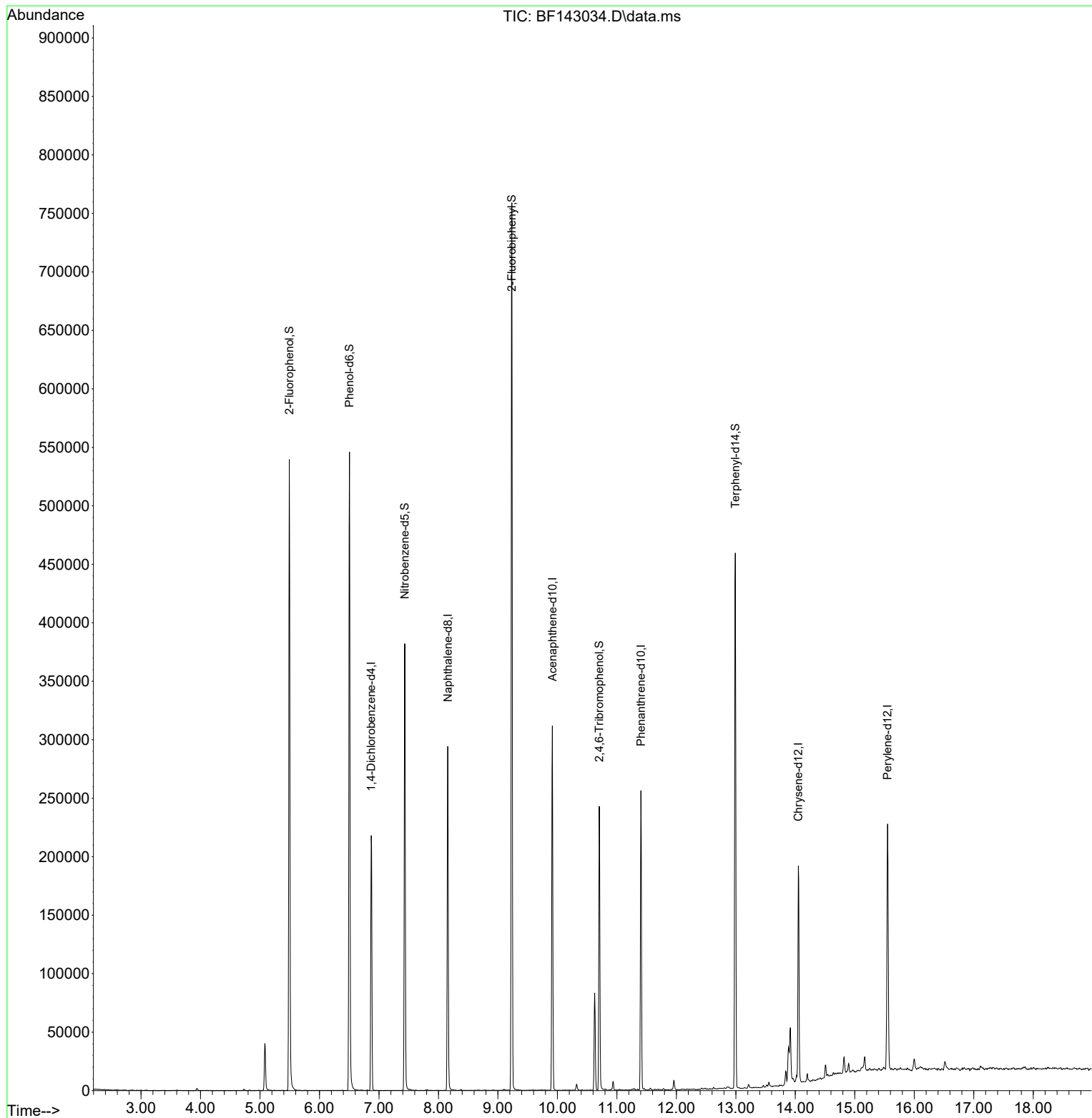
Target Compounds	Qvalue

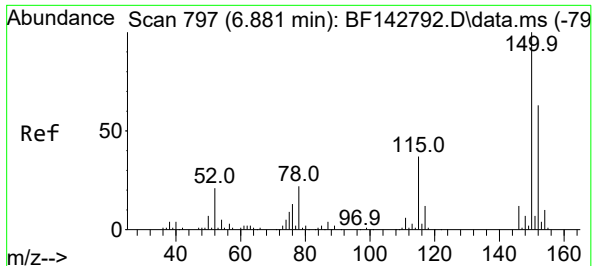
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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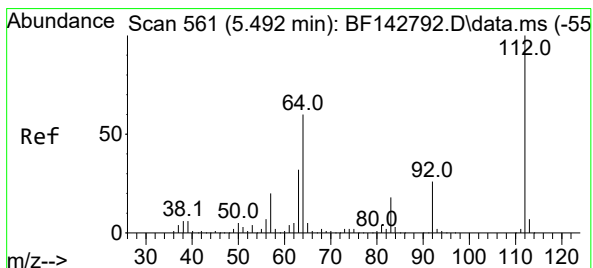
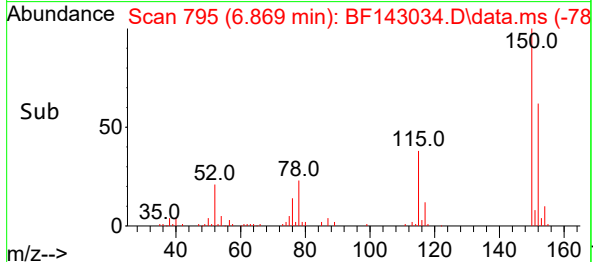
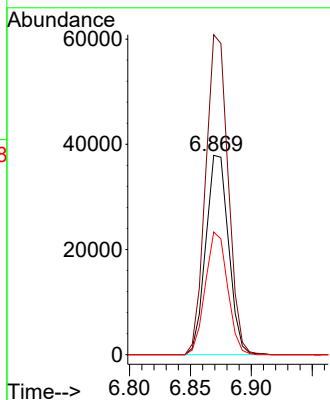
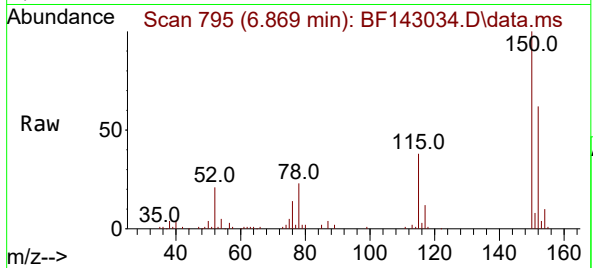




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 797
Delta R.T. -0.012 min
Lab File: BF143034.D
Acq: 08 Jul 2025 15:34

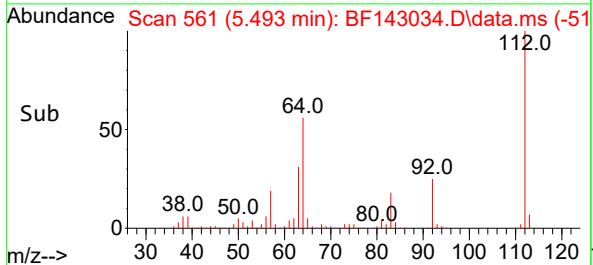
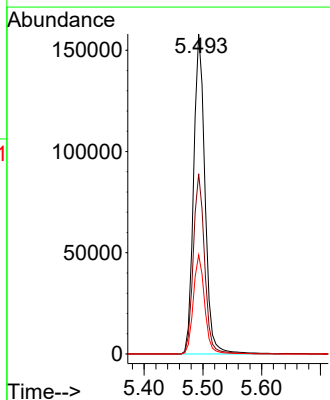
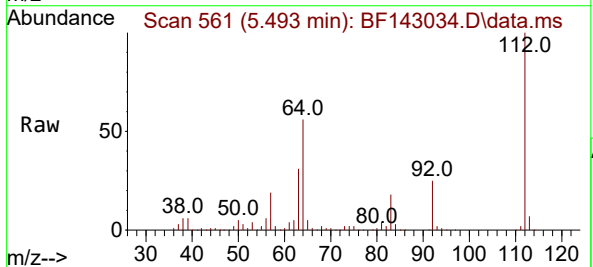
Instrument :
BNA_F
ClientSampleId :
WC-1

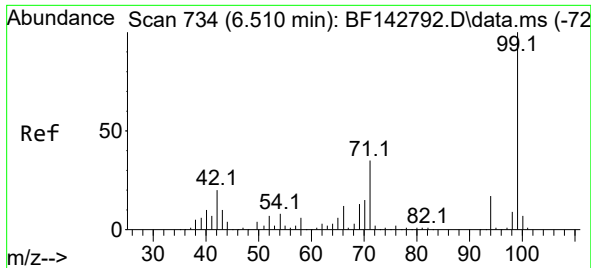
Tgt Ion:152 Resp: 49369
Ion Ratio Lower Upper
152 100
150 160.6 127.2 190.8
115 61.6 46.6 69.8



#5
2-Fluorophenol
Concen: 71.847 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.001 min
Lab File: BF143034.D
Acq: 08 Jul 2025 15:34

Tgt Ion:112 Resp: 213043
Ion Ratio Lower Upper
112 100
64 56.3 48.2 72.2
63 31.0 25.7 38.5

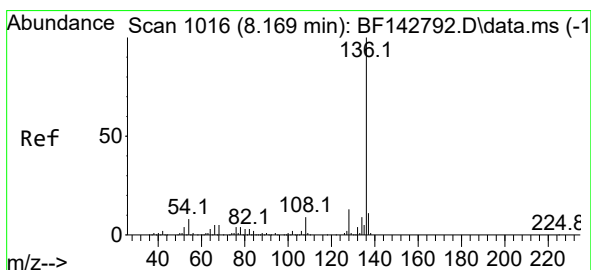
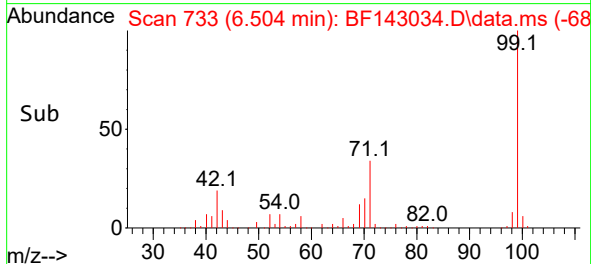
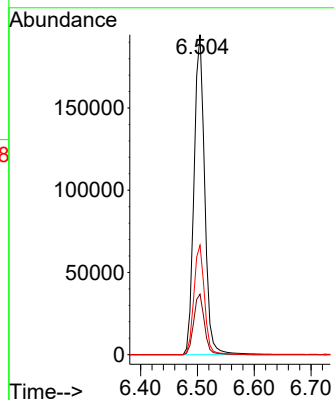
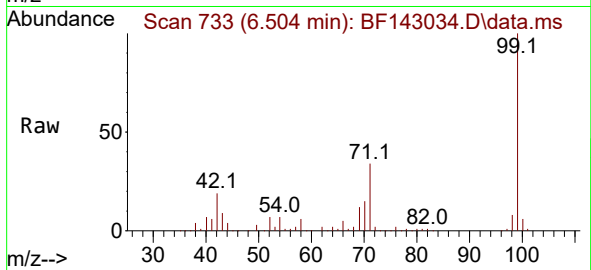




#7
Phenol-d6
Concen: 73.106 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143034.D
Acq: 08 Jul 2025 15:34

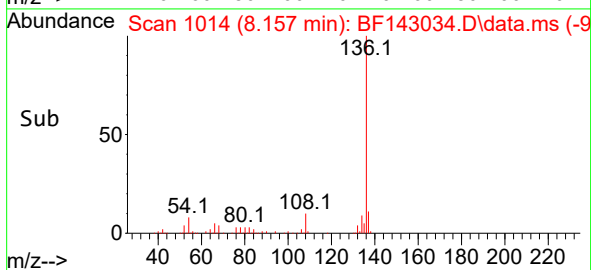
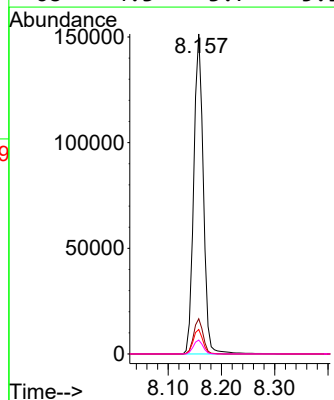
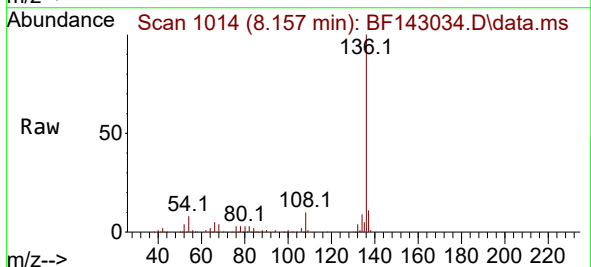
Instrument :
BNA_F
ClientSampleId :
WC-1

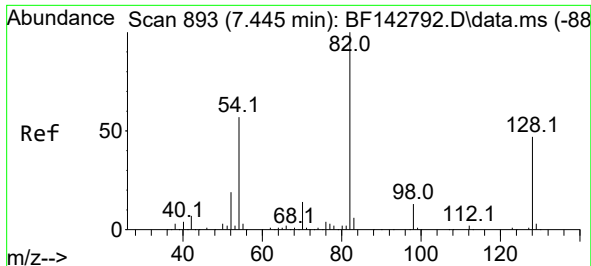
Tgt Ion: 99 Resp: 255756
Ion Ratio Lower Upper
99 100
42 18.9 15.9 23.9
71 34.2 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143034.D
Acq: 08 Jul 2025 15:34

Tgt Ion: 136 Resp: 189462
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.7 6.3 9.5
68 4.3 3.7 5.5





#23

Nitrobenzene-d5

Concen: 46.207 ng

RT: 7.434 min Scan# 89

Delta R.T. -0.011 min

Lab File: BF143034.D

Acq: 08 Jul 2025 15:34

Instrument :

BNA_F

ClientSampleId :

WC-1

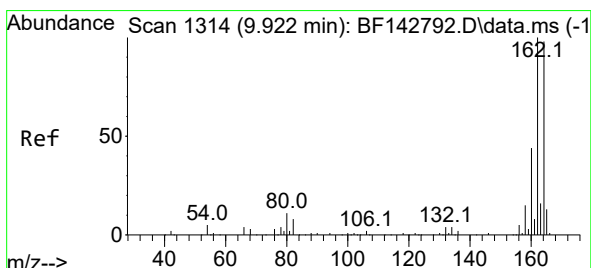
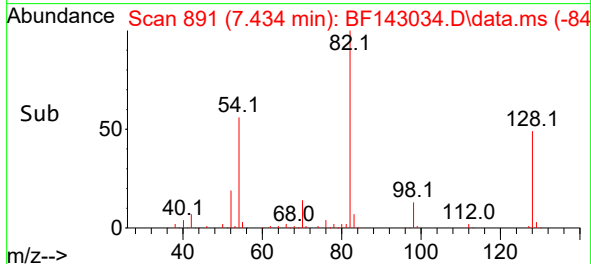
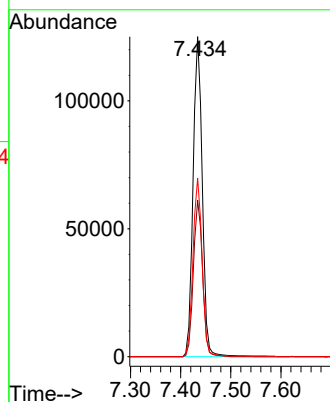
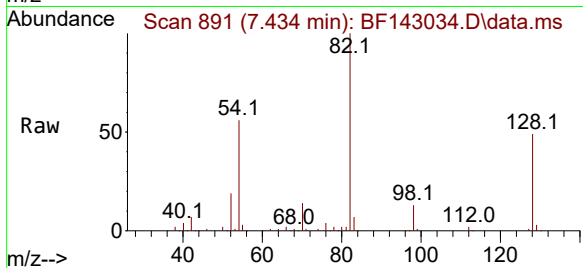
Tgt Ion: 82 Resp: 159606

Ion Ratio Lower Upper

82 100

128 48.9 37.7 56.5

54 55.8 45.7 68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF143034.D

Acq: 08 Jul 2025 15:34

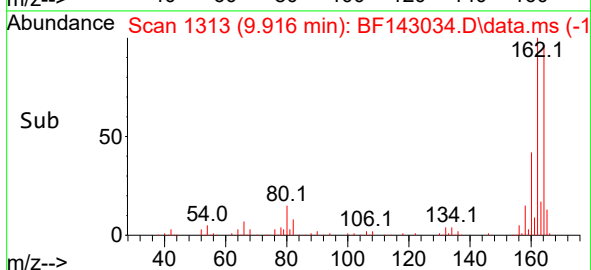
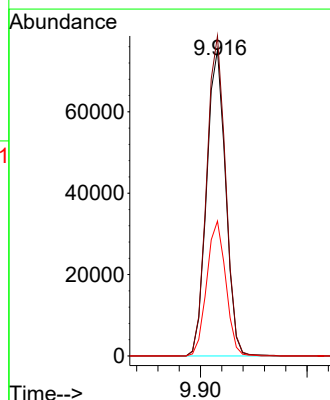
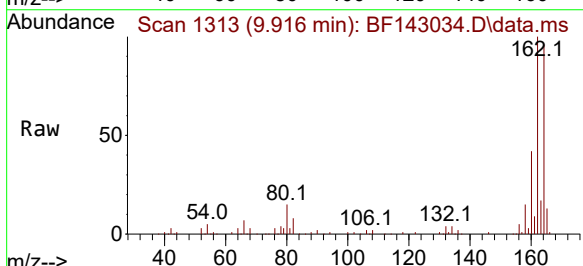
Tgt Ion:164 Resp: 93135

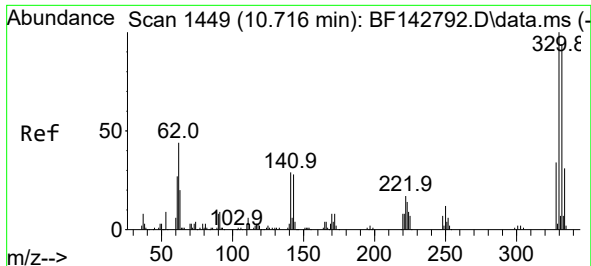
Ion Ratio Lower Upper

164 100

162 104.5 81.8 122.8

160 44.1 36.0 54.0

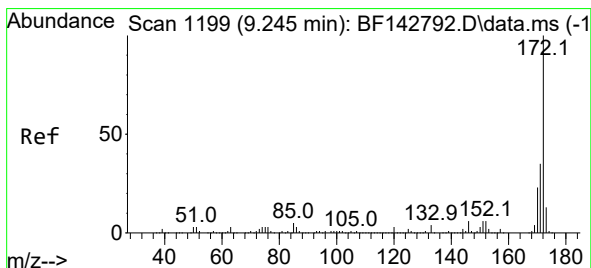
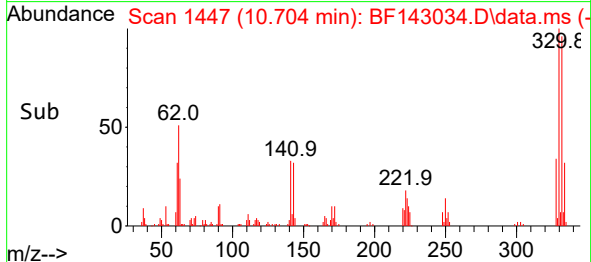
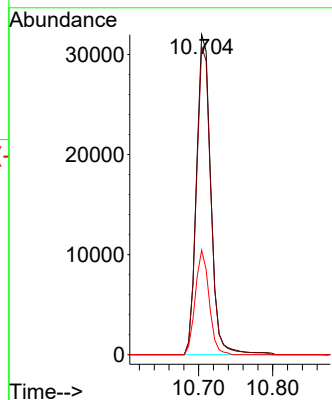
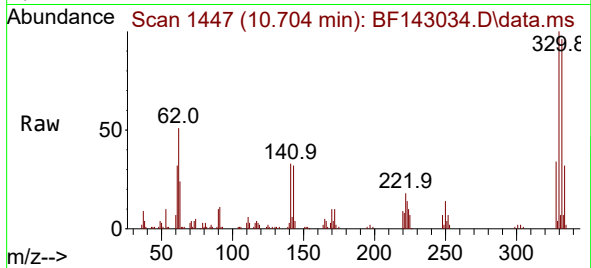




#42
2,4,6-Tribromophenol
Concen: 44.854 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF143034.D
Acq: 08 Jul 2025 15:34

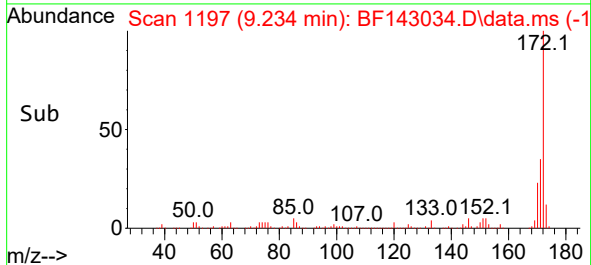
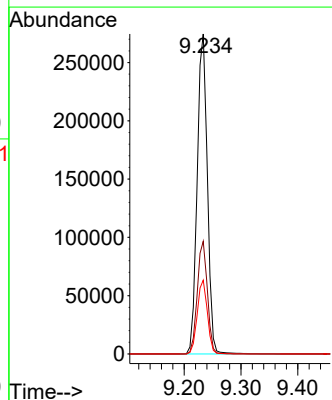
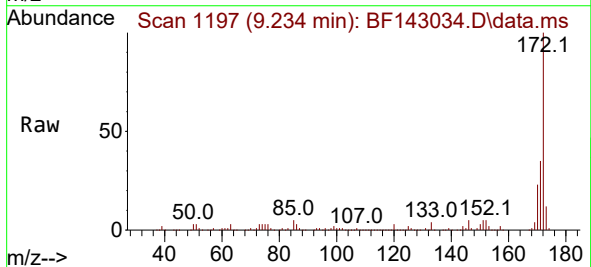
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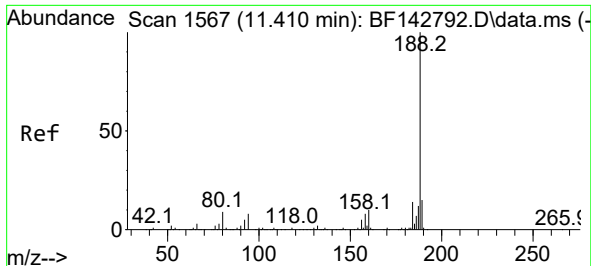
Tgt Ion: 330 Resp: 42989
Ion Ratio Lower Upper
330 100
332 96.8 75.0 112.6
141 31.3 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 48.506 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.011 min
Lab File: BF143034.D
Acq: 08 Jul 2025 15:34

Tgt Ion: 172 Resp: 343889
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.0 18.5 27.7

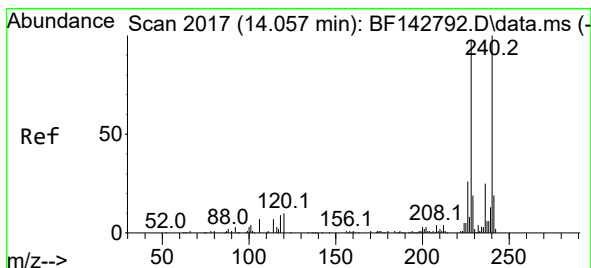
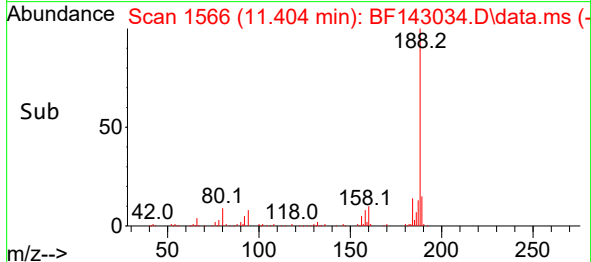
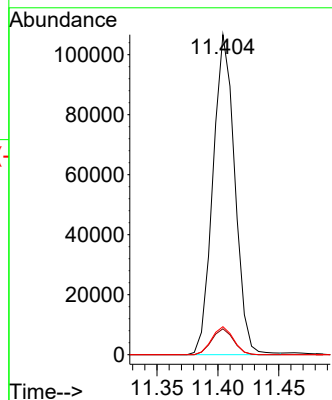
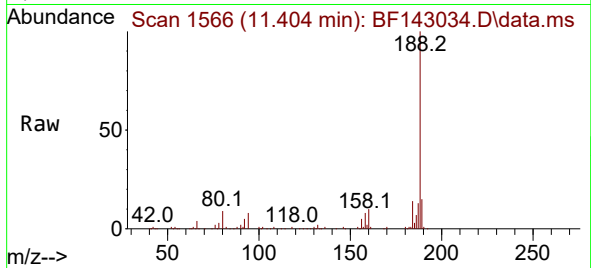




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143034.D
Acq: 08 Jul 2025 15:34

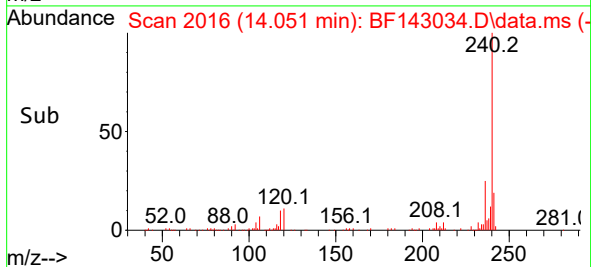
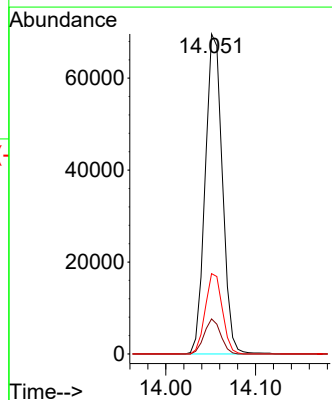
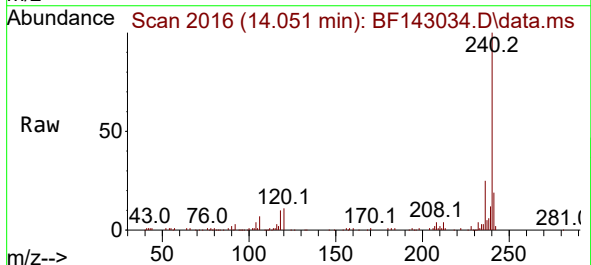
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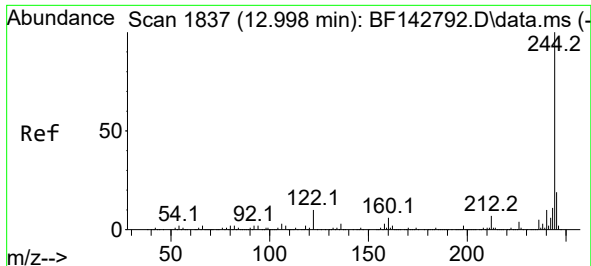
Tgt Ion:188 Resp: 133605
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 8.7 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143034.D
Acq: 08 Jul 2025 15:34

Tgt Ion:240 Resp: 92552
Ion Ratio Lower Upper
240 100
120 10.9 8.2 12.2
236 25.1 19.8 29.8

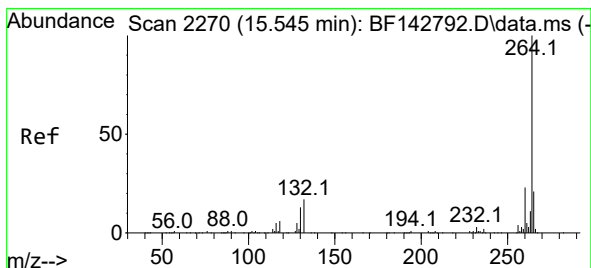
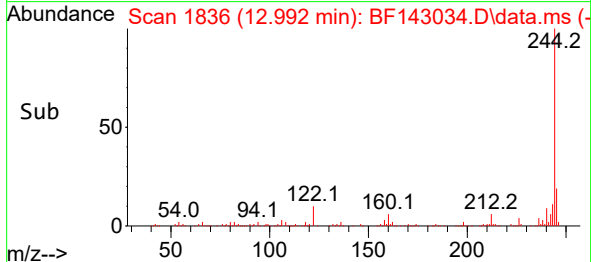
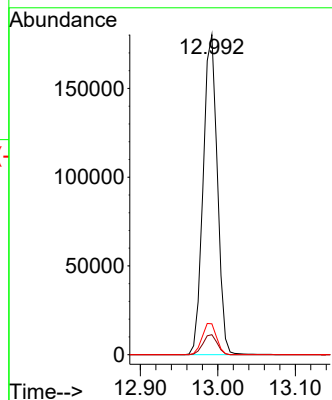
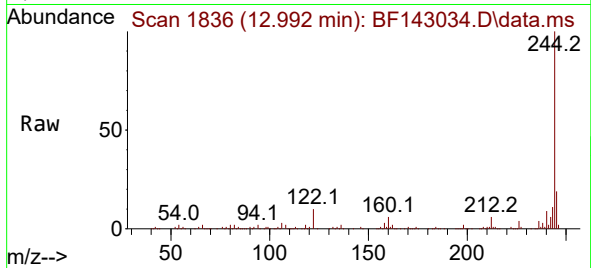




#79
 Terphenyl-d14
 Concen: 34.228 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF143034.D
 Acq: 08 Jul 2025 15:34

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tgt Ion:244 Resp: 229270
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 9.7 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF143034.D
 Acq: 08 Jul 2025 15:34

Tgt Ion:264 Resp: 121827
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.1 27.1
 265 20.6 16.6 25.0

