

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090425\
 Data File : BF143636.D
 Acq On : 04 Sep 2025 11:19
 Operator : RC/JU
 Sample : PB169490BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169490BL

Quant Time: Sep 04 12:04:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 03 18:35:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	75838	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	294999	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	169261	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	286341	20.000	ng	0.00
76) Chrysene-d12	14.045	240	193907	20.000	ng	0.00
86) Perylene-d12	15.521	264	163302	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	638916	149.250	ng	0.01
7) Phenol-d6	6.510	99	779893	146.785	ng	0.00
23) Nitrobenzene-d5	7.451	82	479183	114.166	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	239297	169.066	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1050742	99.180	ng	0.00
79) Terphenyl-d14	12.998	244	1146504	98.518	ng	0.00

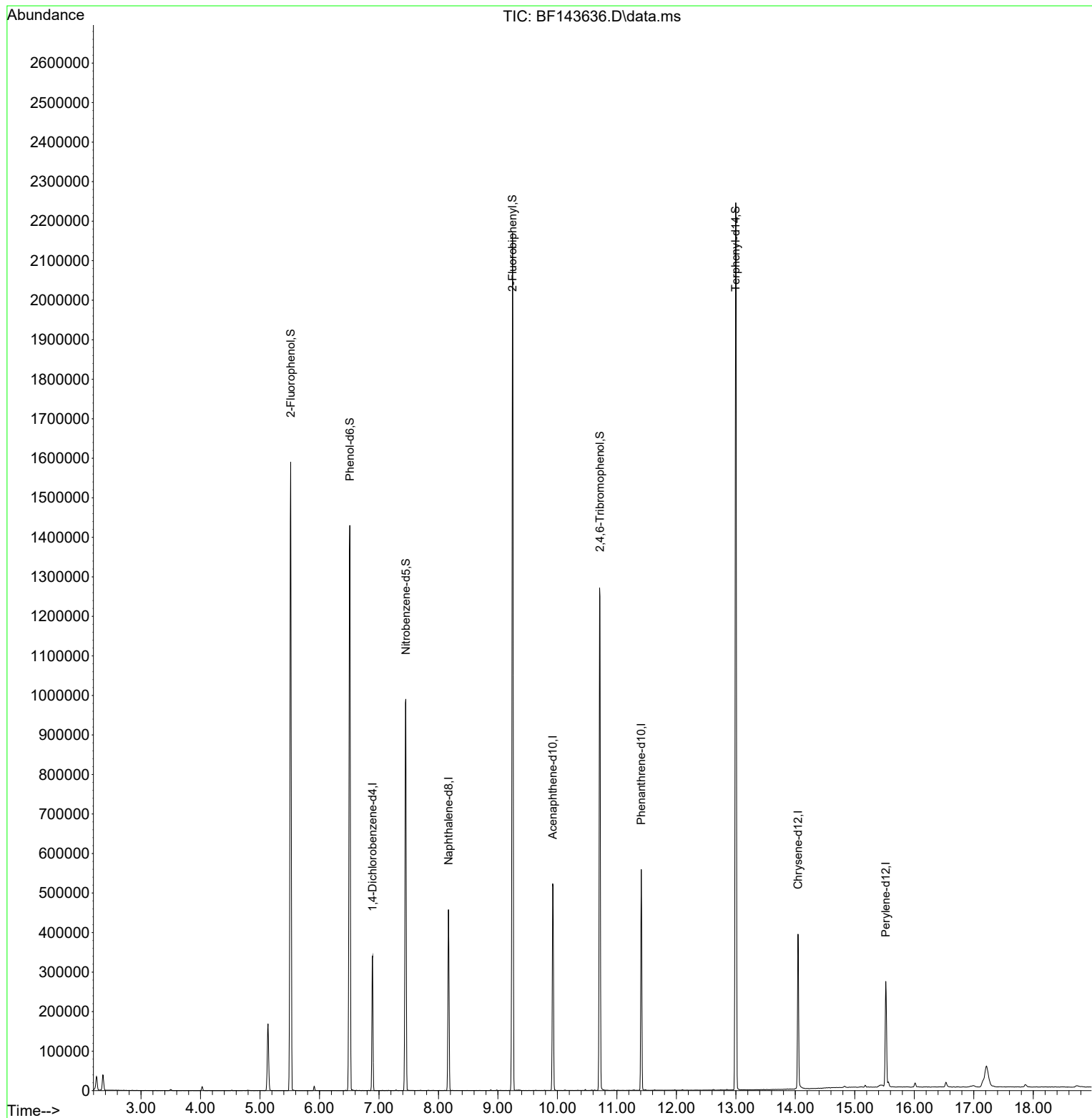
Target Compounds	Qvalue

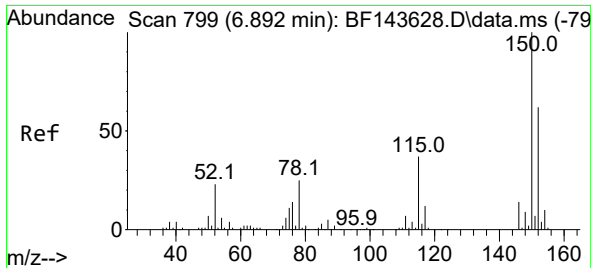
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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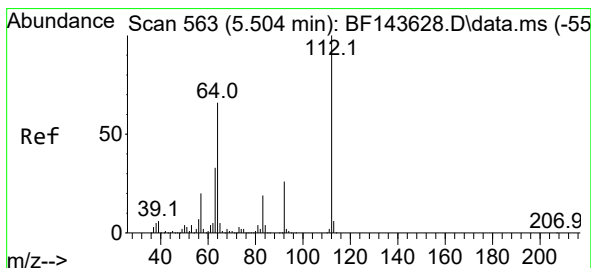
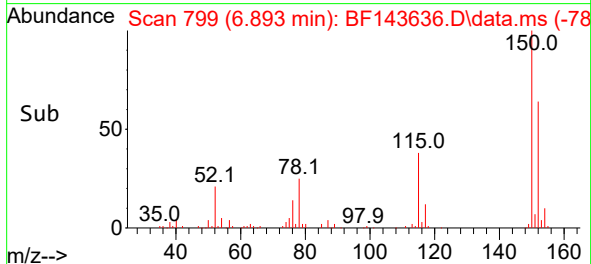
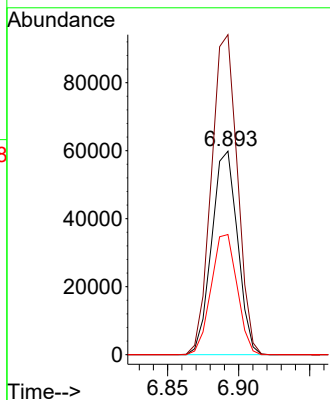
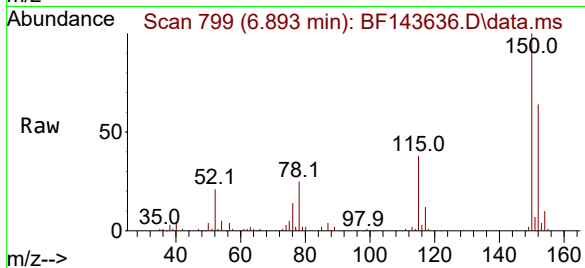




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF143636.D
Acq: 04 Sep 2025 11:19

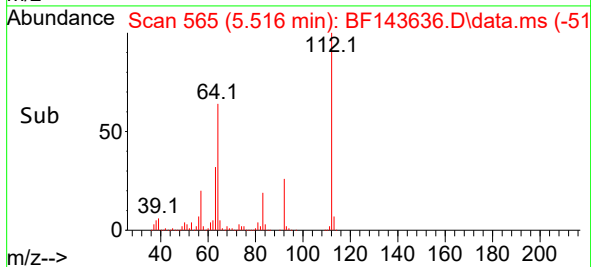
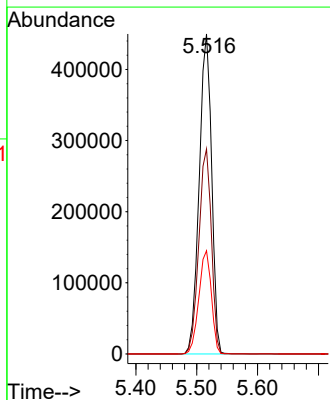
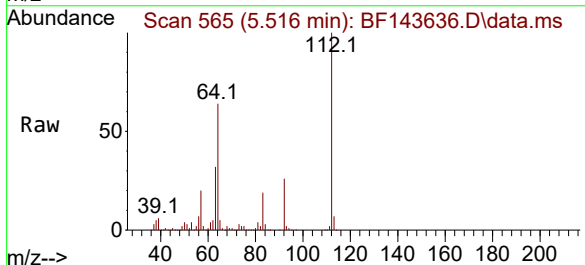
Instrument :
BNA_F
ClientSampleId :
PB169490BL

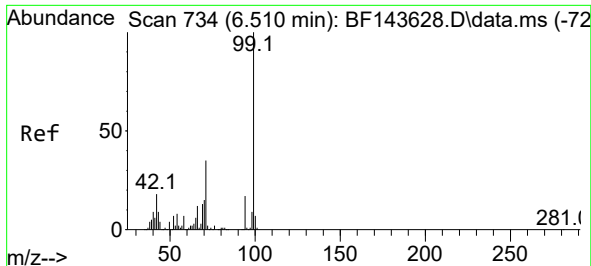
Tgt Ion:152 Resp: 75838
Ion Ratio Lower Upper
152 100
150 157.2 128.4 192.6
115 59.1 47.9 71.9



#5
2-Fluorophenol
Concen: 149.250 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF143636.D
Acq: 04 Sep 2025 11:19

Tgt Ion:112 Resp: 638916
Ion Ratio Lower Upper
112 100
64 64.0 52.7 79.1
63 32.3 26.5 39.7

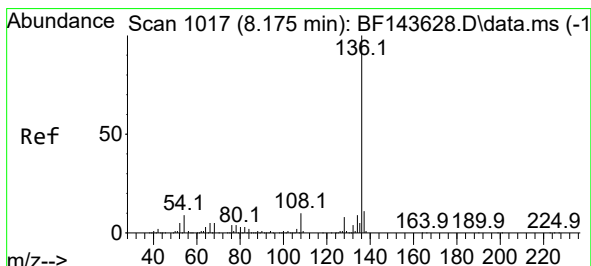
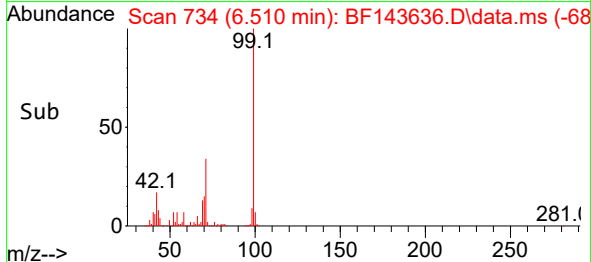
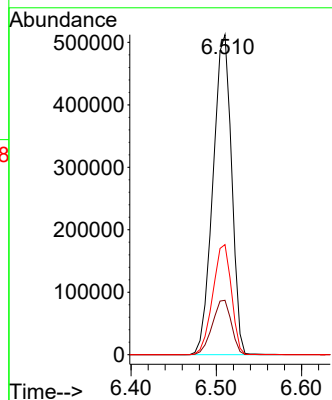
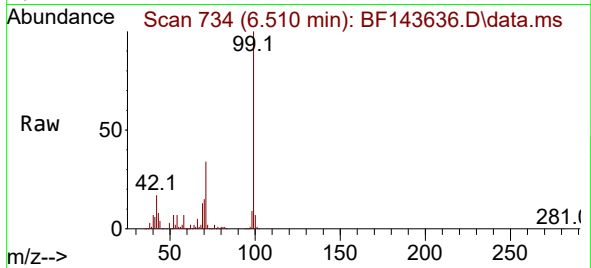




#7
Phenol-d6
Concen: 146.785 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143636.D
Acq: 04 Sep 2025 11:19

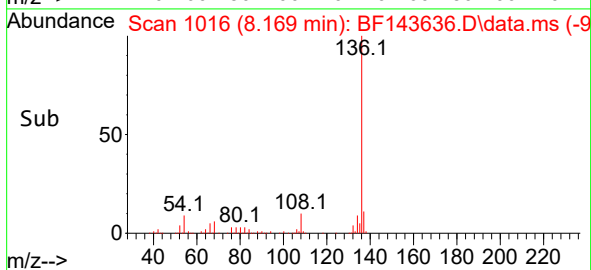
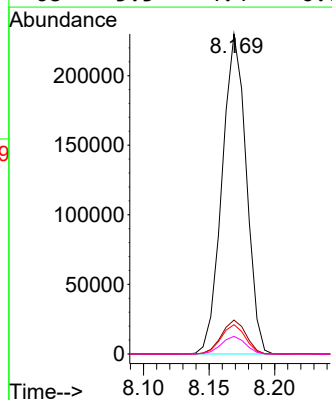
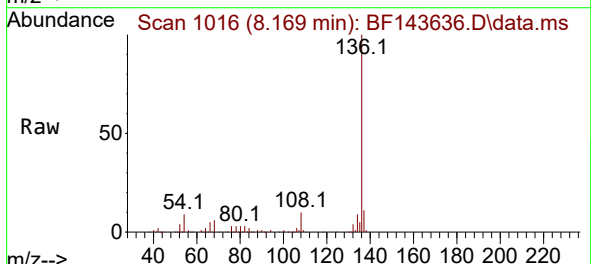
Instrument :
BNA_F
ClientSampleId :
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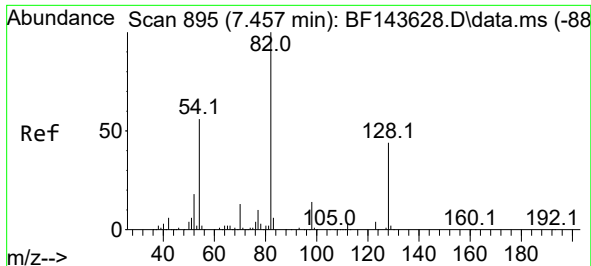
Tgt Ion: 99 Resp: 779893
Ion Ratio Lower Upper
99 100
42 17.0 14.6 22.0
71 34.4 28.0 42.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143636.D
Acq: 04 Sep 2025 11:19

Tgt Ion: 136 Resp: 294999
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.1 7.3 10.9
68 5.5 4.4 6.6

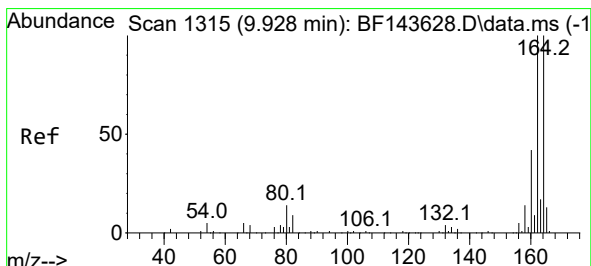
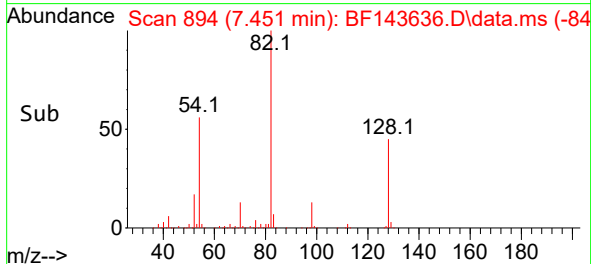
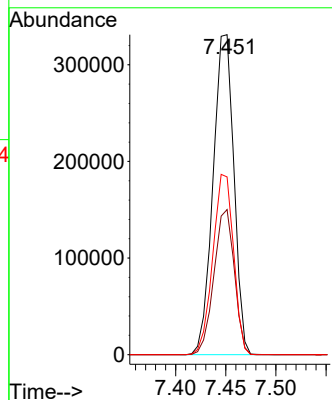
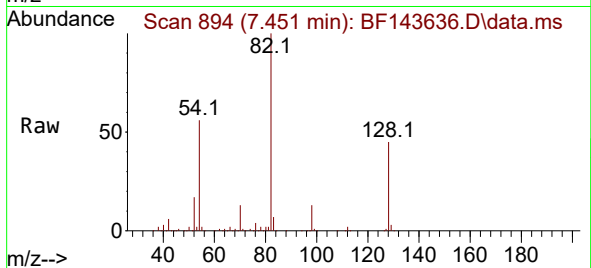




#23
Nitrobenzene-d5
Concen: 114.166 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF143636.D
Acq: 04 Sep 2025 11:19

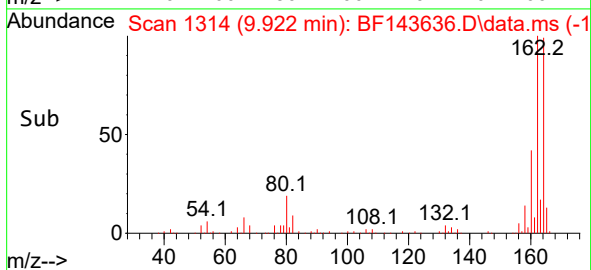
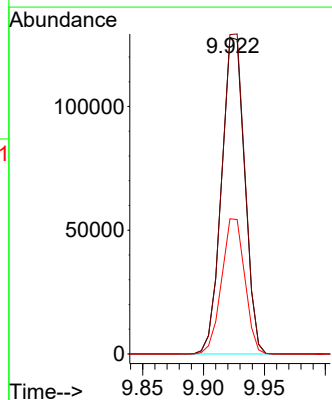
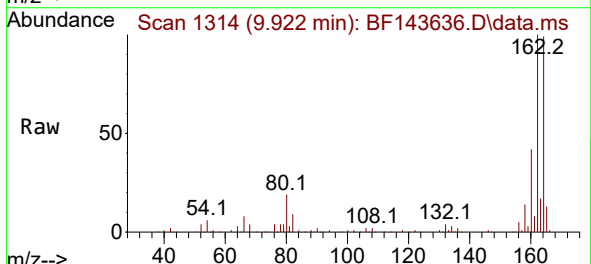
Instrument :
BNA_F
ClientSampleId :
PB169490BL

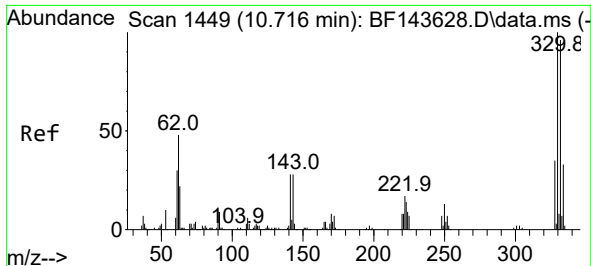
Tgt Ion: 82 Resp: 479183
Ion Ratio Lower Upper
82 100
128 45.4 34.7 52.1
54 55.6 44.8 67.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143636.D
Acq: 04 Sep 2025 11:19

Tgt Ion:164 Resp: 169261
Ion Ratio Lower Upper
164 100
162 100.9 80.3 120.5
160 42.7 34.0 51.0

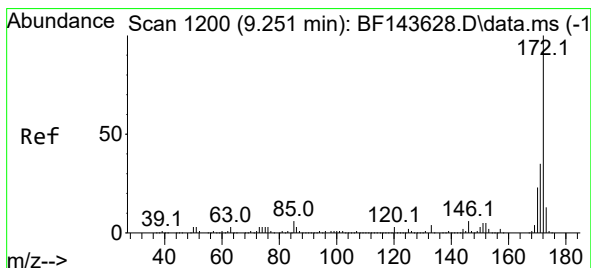
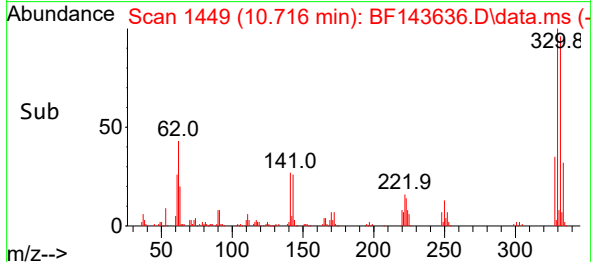
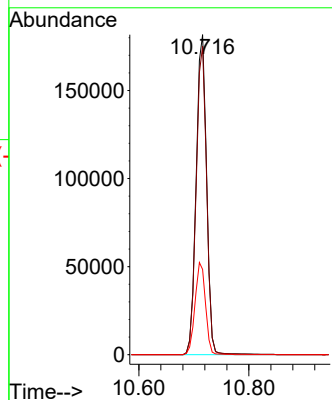
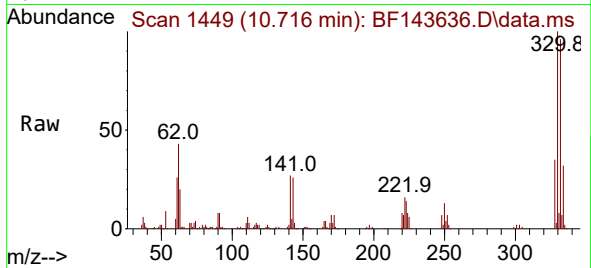




#42
2,4,6-Tribromophenol
Concen: 169.066 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF143636.D
Acq: 04 Sep 2025 11:19

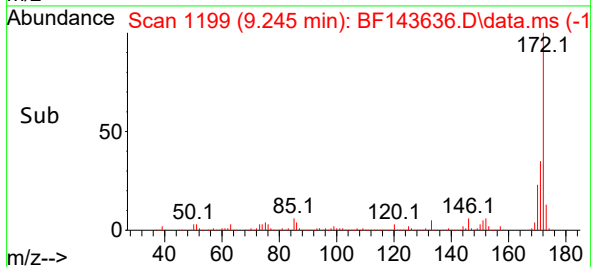
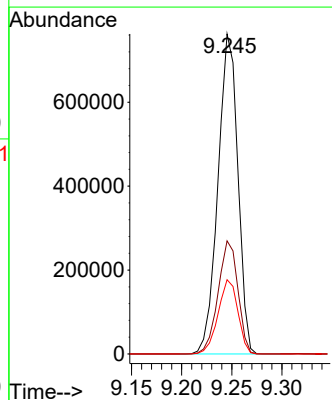
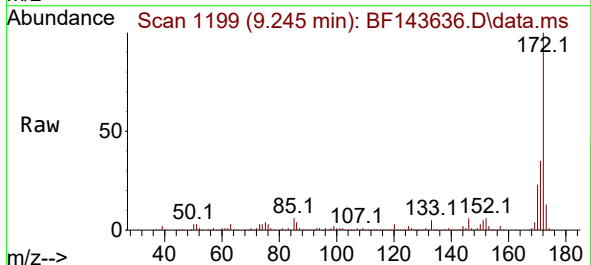
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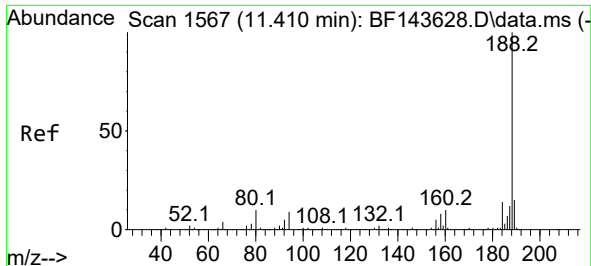
Tgt Ion:330 Resp: 239297
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 28.9 23.5 35.3



#45
2-Fluorobiphenyl
Concen: 99.180 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143636.D
Acq: 04 Sep 2025 11:19

Tgt Ion:172 Resp: 1050742
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.2 18.6 28.0

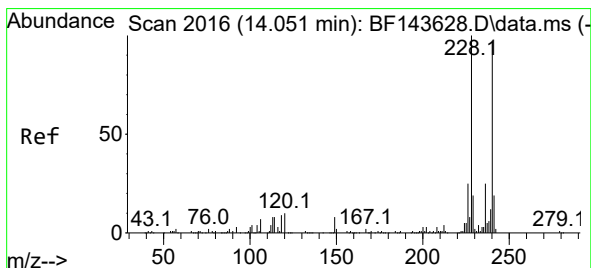
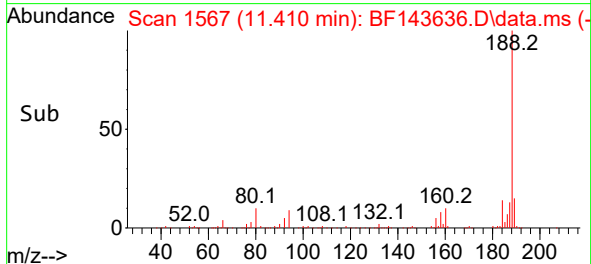
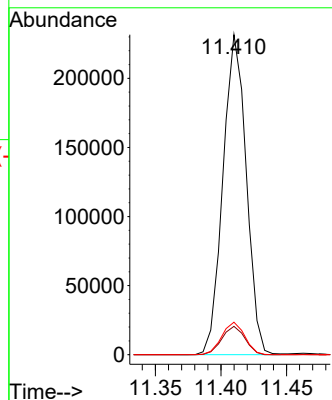
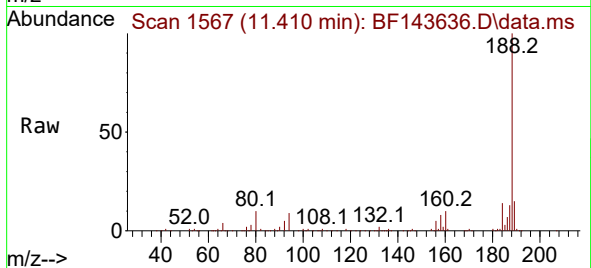




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143636.D
Acq: 04 Sep 2025 11:19

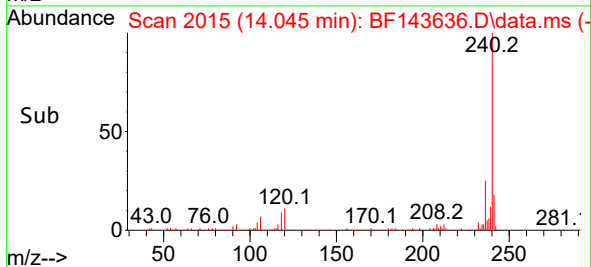
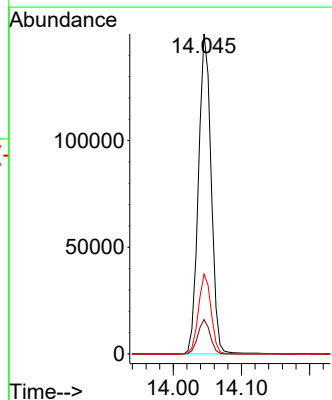
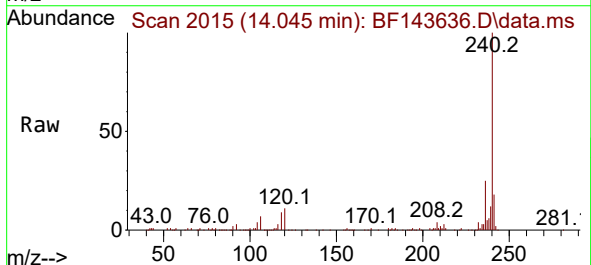
Instrument :
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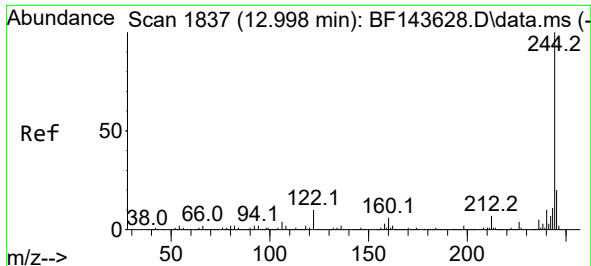
Tgt Ion:188 Resp: 286341
Ion Ratio Lower Upper
188 100
94 8.9 7.5 11.3
80 10.2 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143636.D
Acq: 04 Sep 2025 11:19

Tgt Ion:240 Resp: 193907
Ion Ratio Lower Upper
240 100
120 10.8 8.0 12.0
236 25.0 20.5 30.7

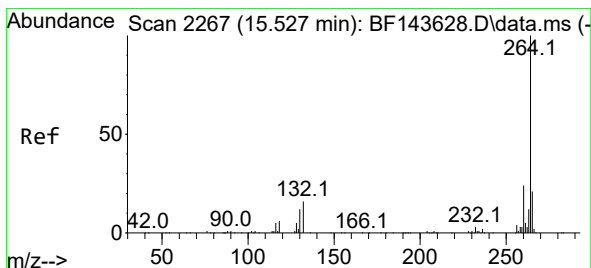
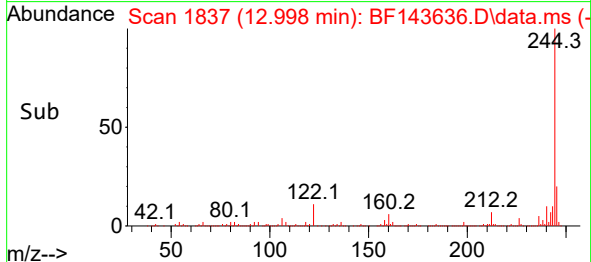
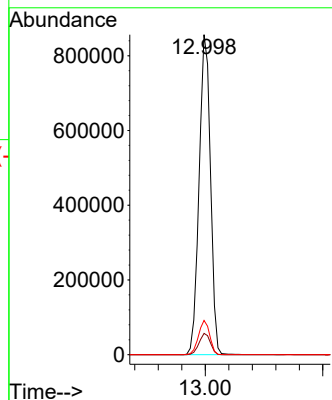
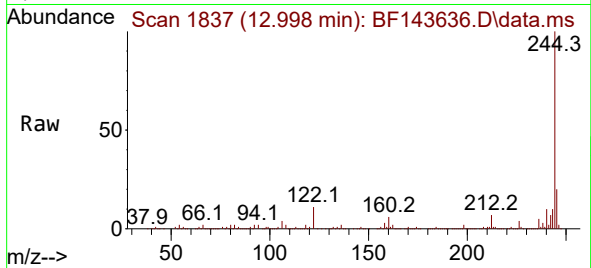




#79
 Terphenyl-d14
 Concen: 98.518 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143636.D
 Acq: 04 Sep 2025 11:19

Instrument :
 BNA_F
 ClientSampleId :
 PB169490BL

Tgt Ion:244 Resp: 1146504
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.3 7.9
 122 10.7 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: BF143636.D
 Acq: 04 Sep 2025 11:19

Tgt Ion:264 Resp: 163302
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 21.7 17.1 25.7

