

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
 Data File : BF144048.D
 Acq On : 22 Oct 2025 18:15
 Operator : RC/JU
 Sample : Q3403-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-18

Quant Time: Oct 22 18:35:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	59204	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	205591	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	105786	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	191758	20.000	ng	0.00
76) Chrysene-d12	14.057	240	180837	20.000	ng	-0.01
86) Perylene-d12	15.545	264	203468	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	433250	116.208	ng	0.01
7) Phenol-d6	6.504	99	450233	101.315	ng	-0.01
23) Nitrobenzene-d5	7.440	82	320411	94.686	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	160391	152.224	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	626789	94.015	ng	-0.01
79) Terphenyl-d14	12.998	244	767662	72.551	ng	-0.01

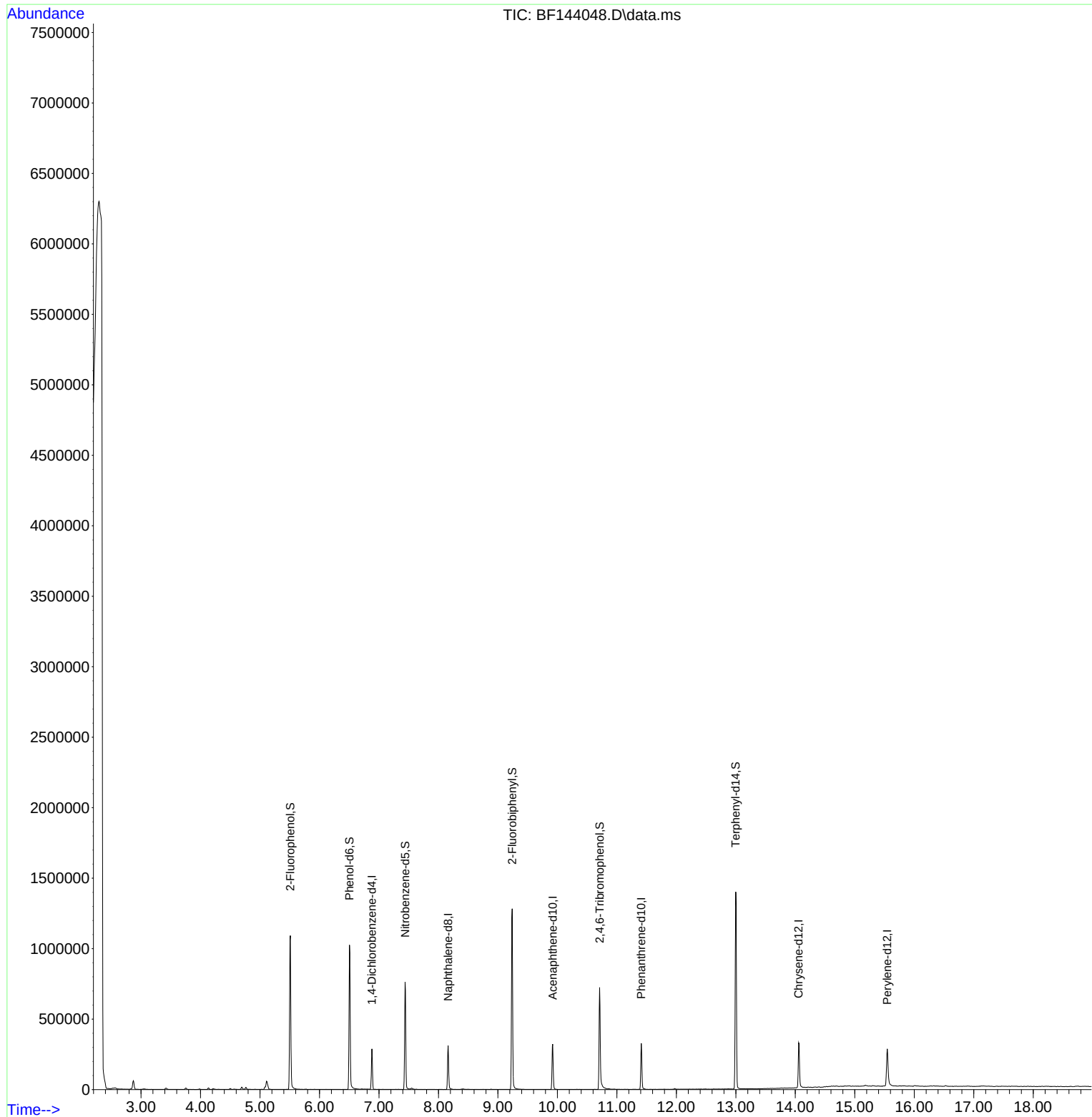
Target Compounds	Qvalue

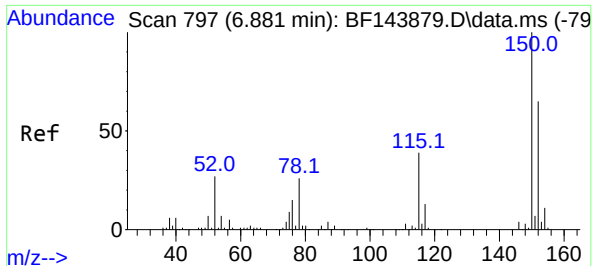
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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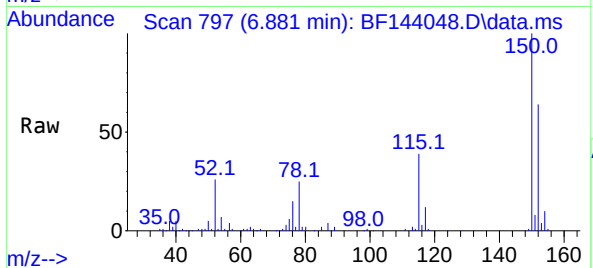
Quant Time: Oct 22 18:35:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
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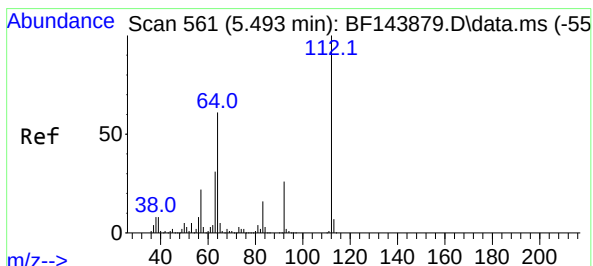
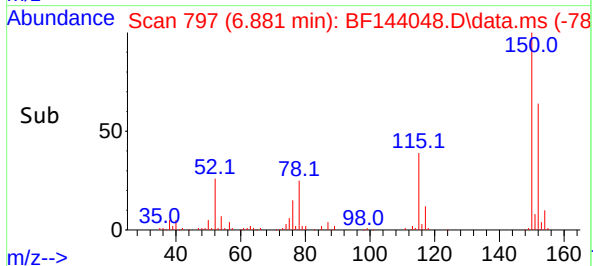
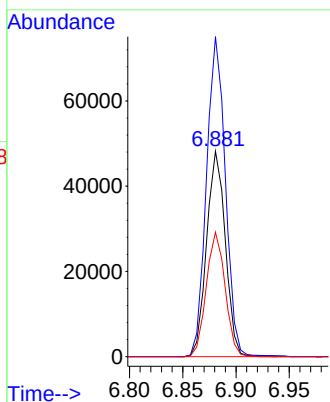


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF144048.D
Acq: 22 Oct 2025 18:15

Instrument :
BNA_F
ClientSampleId :
MH-18

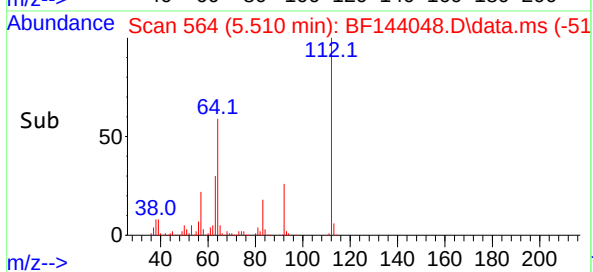
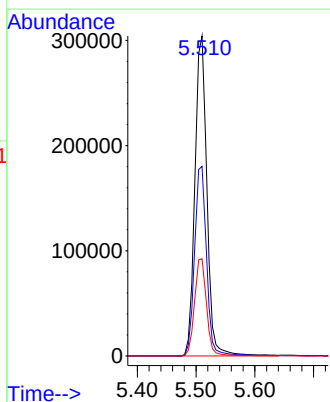
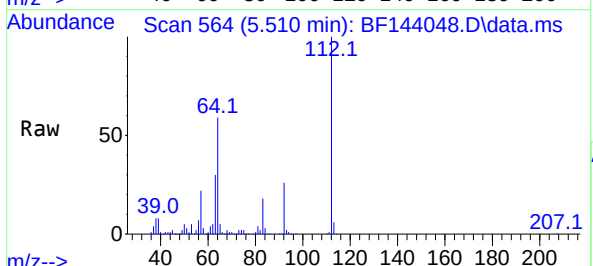


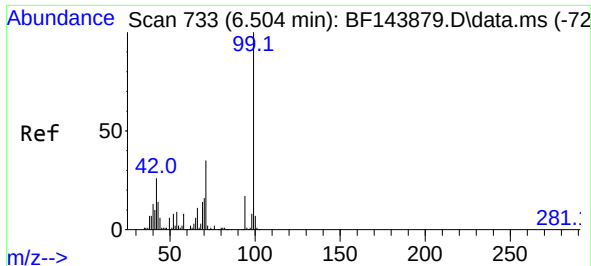
Tgt Ion:152 Resp: 59204
Ion Ratio Lower Upper
152 100
150 155.8 124.4 186.6
115 60.6 48.1 72.1



#5
2-Fluorophenol
Concen: 116.208 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF144048.D
Acq: 22 Oct 2025 18:15

Tgt Ion:112 Resp: 433250
Ion Ratio Lower Upper
112 100
64 59.2 49.1 73.7
63 30.4 24.5 36.7

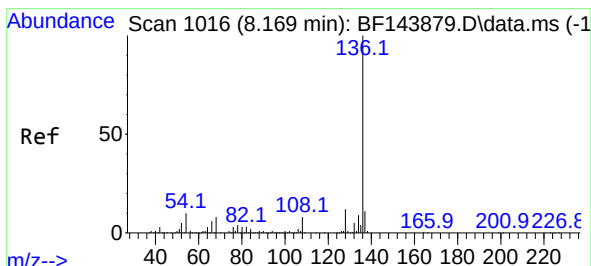
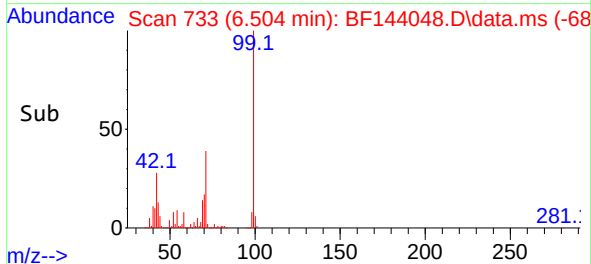
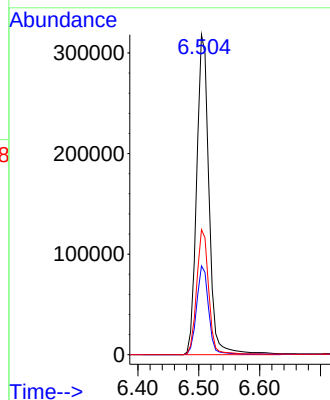
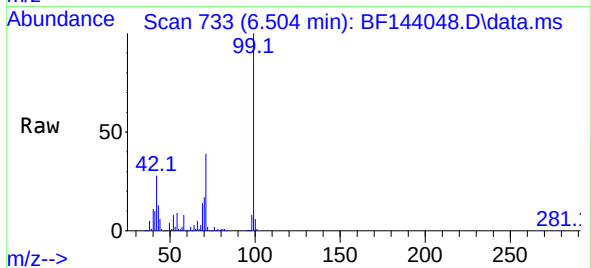




#7
Phenol-d6
Concen: 101.315 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144048.D
Acq: 22 Oct 2025 18:15

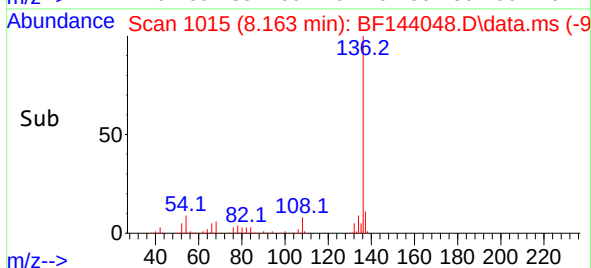
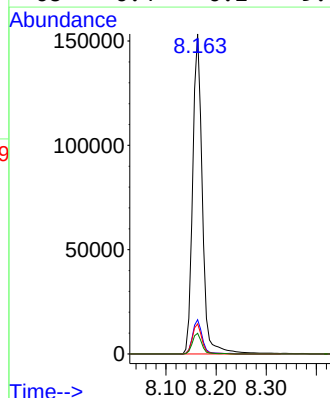
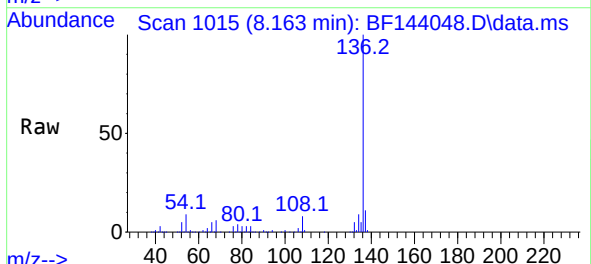
Instrument :
BNA_F
ClientSampleId :
MH-18

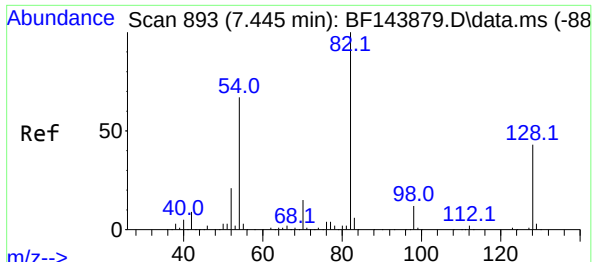
Tgt Ion: 99 Resp: 450233
Ion Ratio Lower Upper
99 100
42 27.8 21.0 31.4
71 39.1 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144048.D
Acq: 22 Oct 2025 18:15

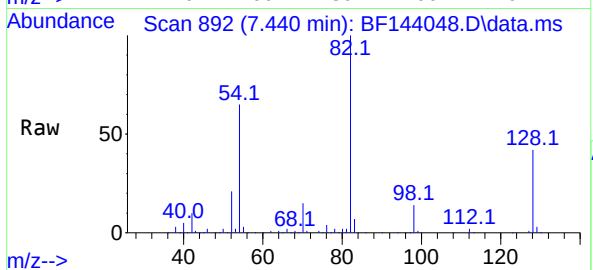
Tgt Ion:136 Resp: 205591
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 9.4 8.2 12.4
68 6.4 6.2 9.4



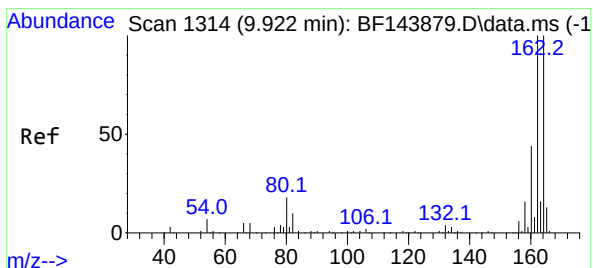
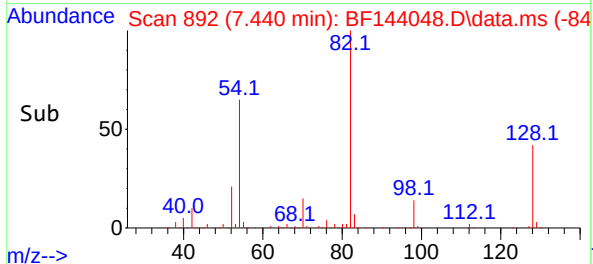
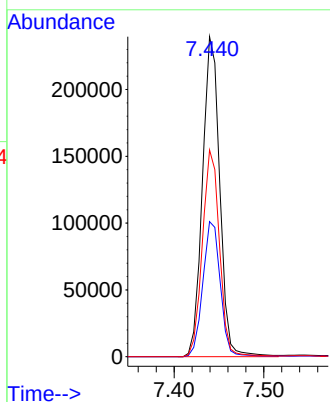


#23
Nitrobenzene-d5
Concen: 94.686 ng
RT: 7.440 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF144048.D
Acq: 22 Oct 2025 18:15

Instrument :
BNA_F
ClientSampleId :
MH-18

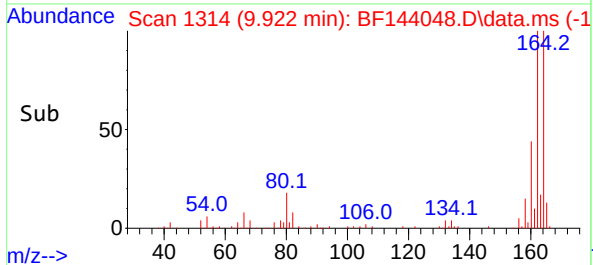
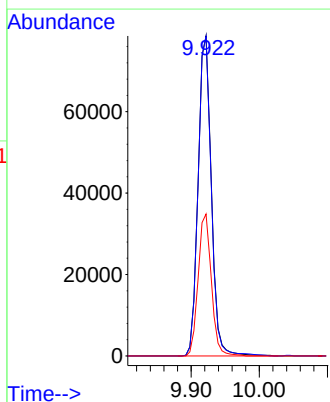
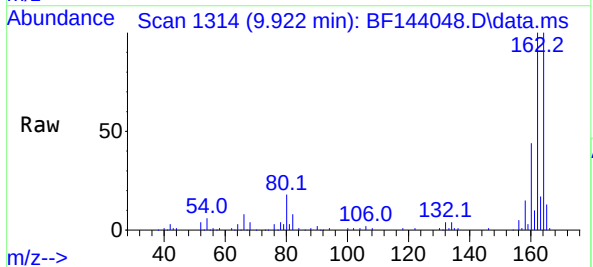


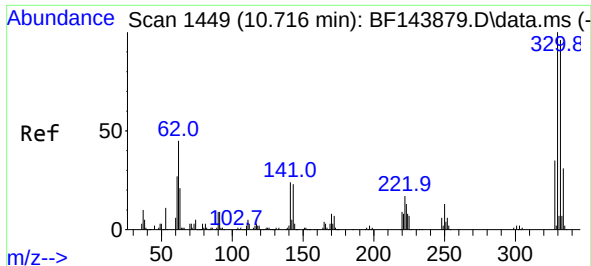
Tgt Ion: 82 Resp: 320411
Ion Ratio Lower Upper
82 100
128 42.2 34.0 51.0
54 64.6 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF144048.D
Acq: 22 Oct 2025 18:15

Tgt Ion:164 Resp: 105786
Ion Ratio Lower Upper
164 100
162 99.8 80.2 120.2
160 44.4 35.4 53.0

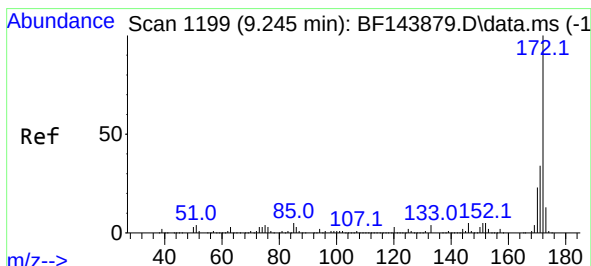
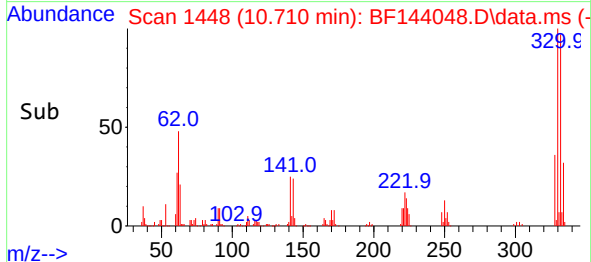
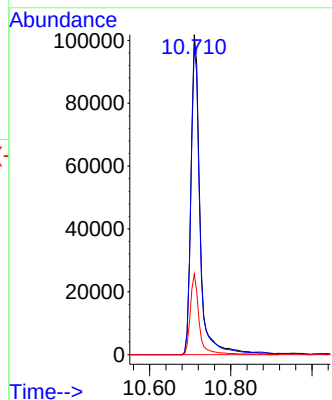
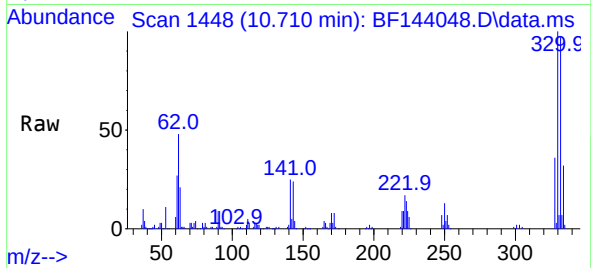




#42
2,4,6-Tribromophenol
Concen: 152.224 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF144048.D
Acq: 22 Oct 2025 18:15

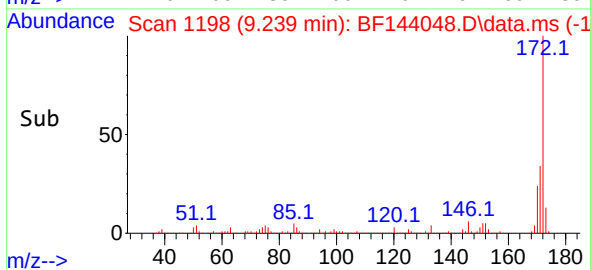
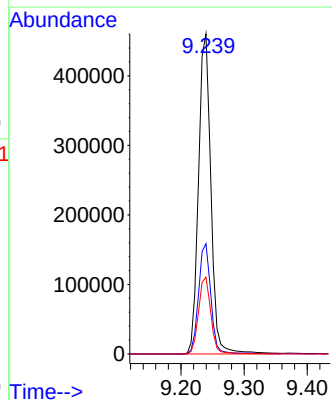
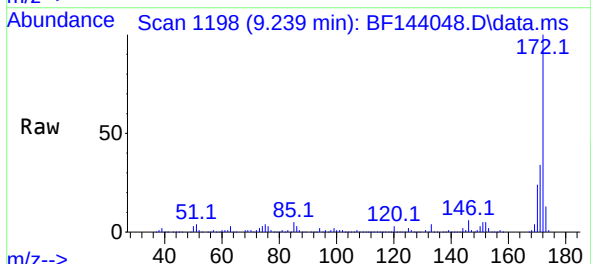
Instrument :
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ClientSampleId :
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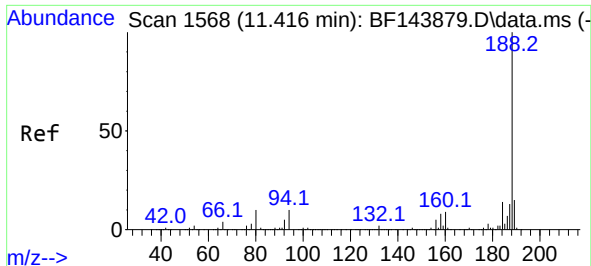
Tgt Ion:330 Resp: 160391
Ion Ratio Lower Upper
330 100
332 94.2 76.9 115.3
141 24.1 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 94.015 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF144048.D
Acq: 22 Oct 2025 18:15

Tgt Ion:172 Resp: 626789
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.0
170 24.0 18.6 28.0

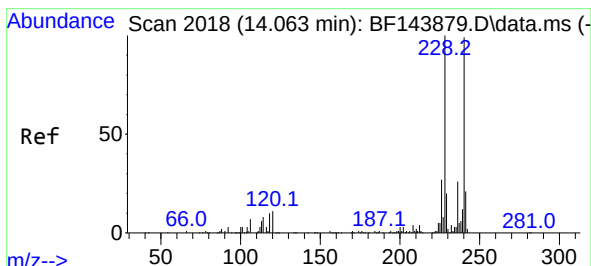
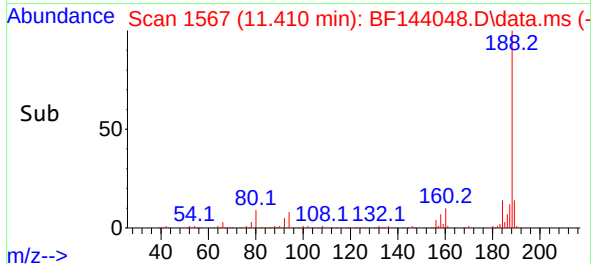
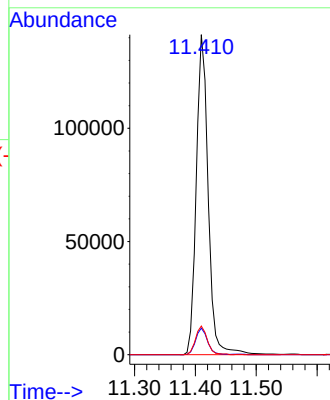
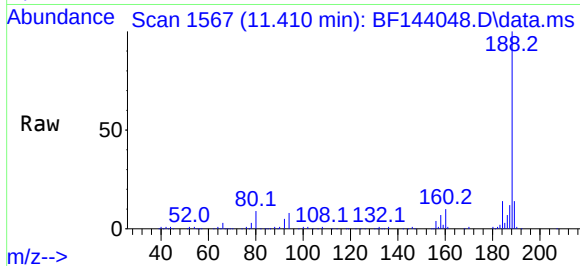




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144048.D
Acq: 22 Oct 2025 18:15

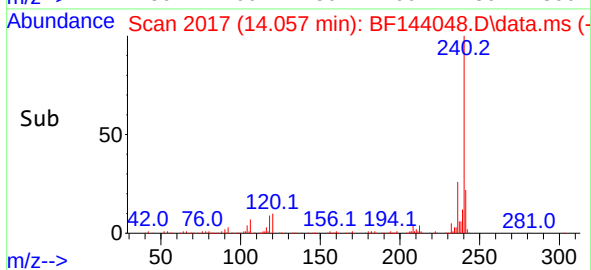
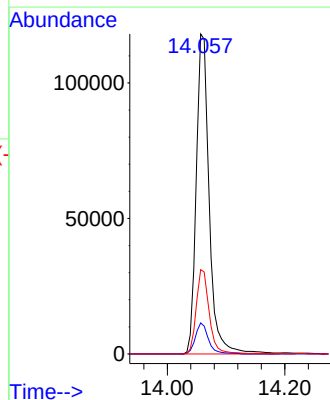
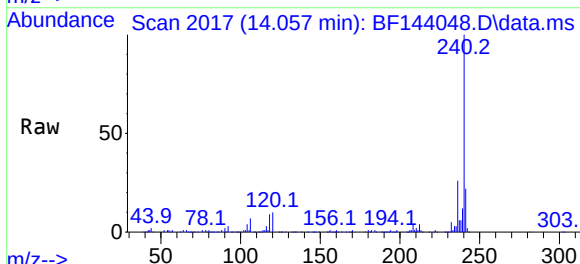
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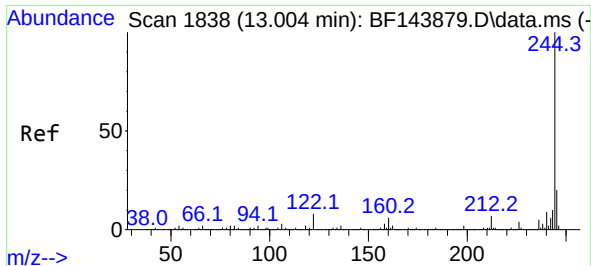
Tgt Ion:188 Resp: 191758
Ion Ratio Lower Upper
188 100
94 8.3 7.8 11.6
80 9.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF144048.D
Acq: 22 Oct 2025 18:15

Tgt Ion:240 Resp: 180837
Ion Ratio Lower Upper
240 100
120 9.7 8.6 13.0
236 26.3 21.1 31.7

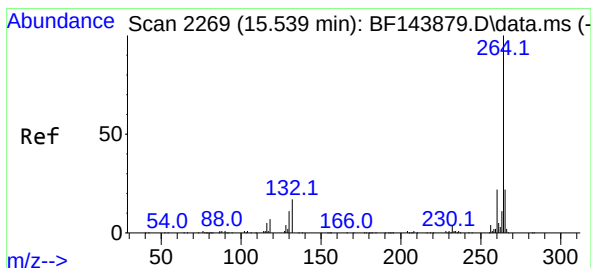
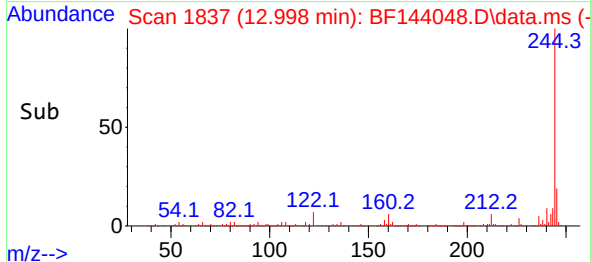
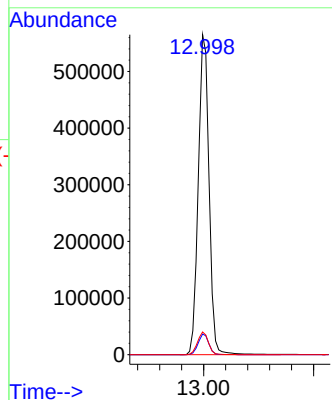
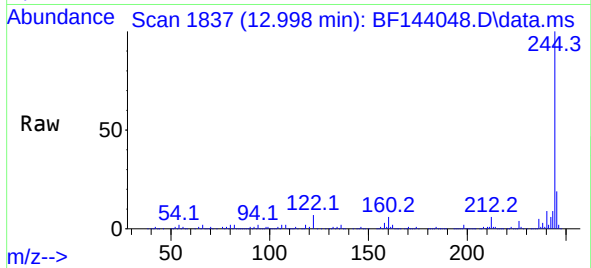




#79
 Terphenyl-d14
 Concen: 72.551 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF144048.D
 Acq: 22 Oct 2025 18:15

Instrument :
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 ClientSampleId :
 MH-18

Tgt Ion:244 Resp: 767662
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 7.1 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF144048.D
 Acq: 22 Oct 2025 18:15

Tgt Ion:264 Resp: 203468
 Ion Ratio Lower Upper
 264 100
 260 22.1 17.8 26.8
 265 21.0 17.5 26.3

