

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
 Data File : BF144042.D
 Acq On : 22 Oct 2025 15:20
 Operator : RC/JU
 Sample : Q3392-08RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-19RE

Quant Time: Oct 22 15:46:15 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	58721	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	217059	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	88039	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	181343	20.000	ng	0.00
76) Chrysene-d12	14.062	240	145175	20.000	ng	0.00
86) Perylene-d12	15.551	264	71262	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	440821	119.211	ng	0.01
7) Phenol-d6	6.504	99	410701	93.179	ng	-0.01
23) Nitrobenzene-d5	7.439	82	327385	91.635	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	159288	181.652	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	660382	119.022	ng	-0.01
79) Terphenyl-d14	12.998	244	687037	80.882	ng	-0.01

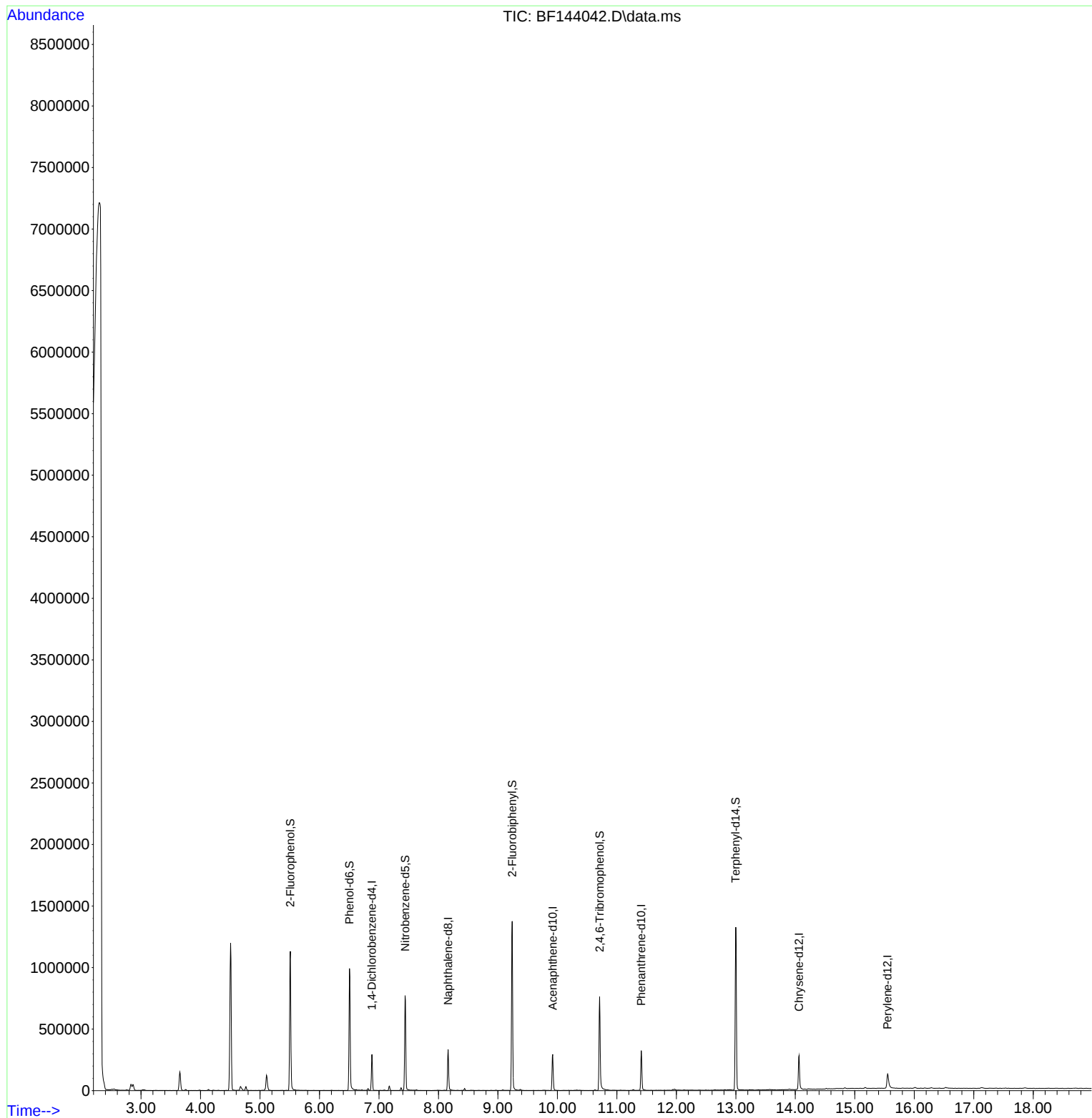
Target Compounds	Qvalue

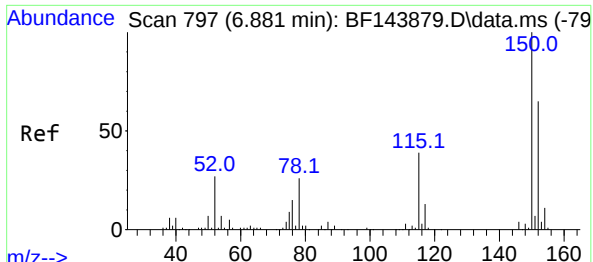
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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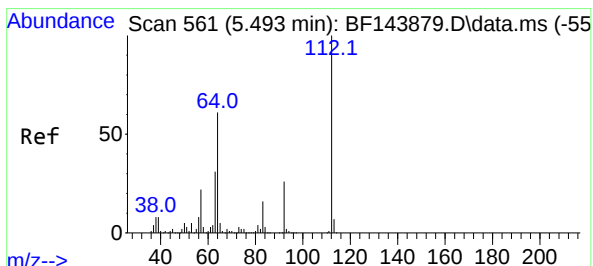
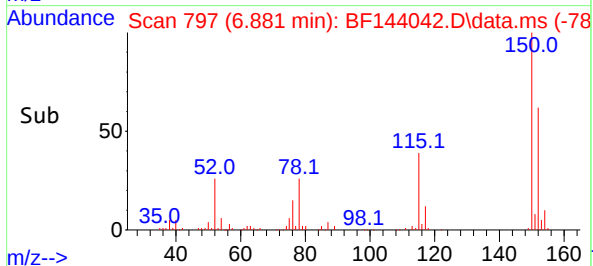
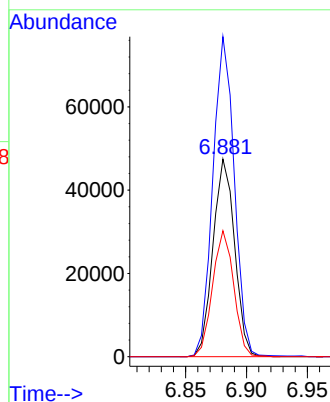
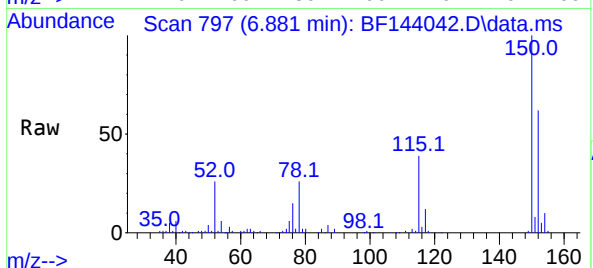




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF144042.D
Acq: 22 Oct 2025 15:20

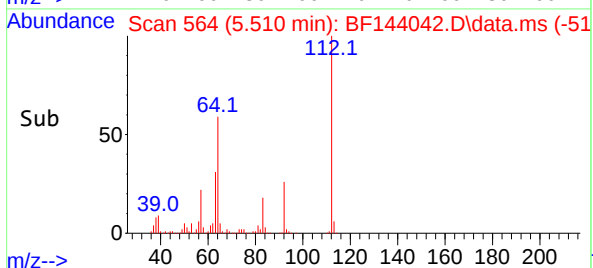
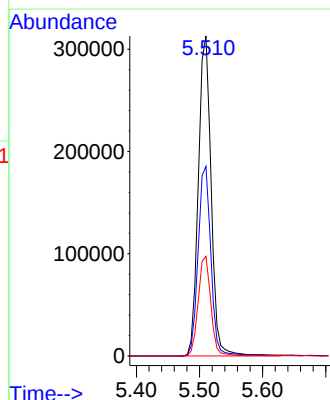
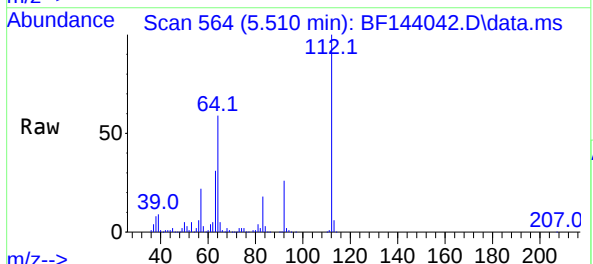
Instrument :
BNA_F
ClientSampleId :
MH-19RE

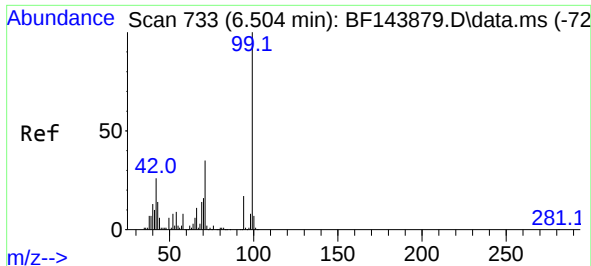
Tgt Ion:152 Resp: 58721
Ion Ratio Lower Upper
152 100
150 162.0 124.4 186.6
115 63.8 48.1 72.1



#5
2-Fluorophenol
Concen: 119.211 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF144042.D
Acq: 22 Oct 2025 15:20

Tgt Ion:112 Resp: 440821
Ion Ratio Lower Upper
112 100
64 59.2 49.1 73.7
63 31.1 24.5 36.7

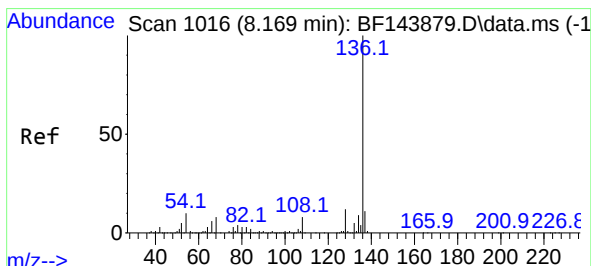
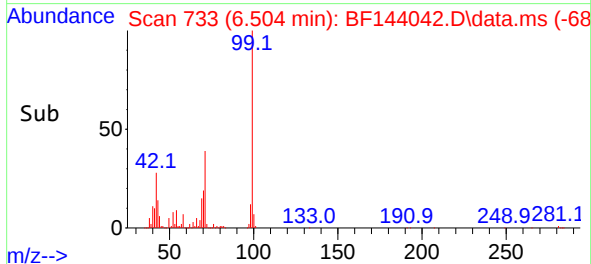
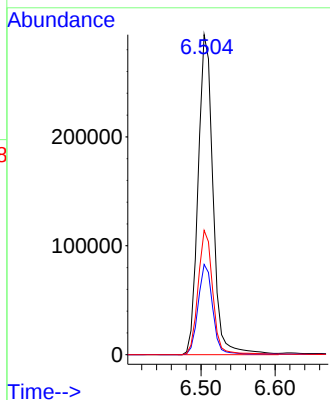
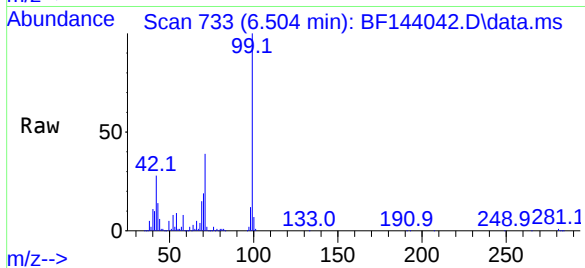




#7
Phenol-d6
Concen: 93.179 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144042.D
Acq: 22 Oct 2025 15:20

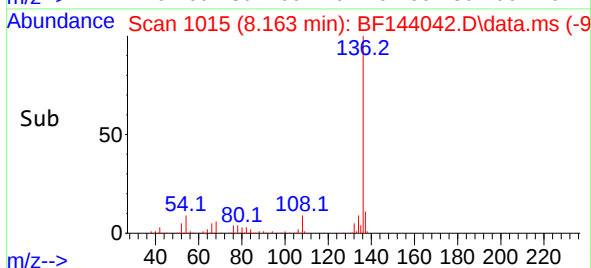
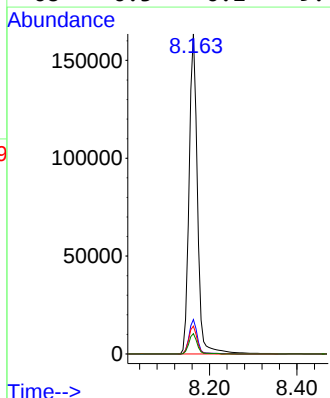
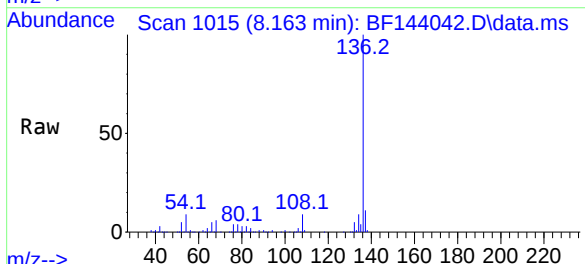
Instrument :
BNA_F
ClientSampleId :
MH-19RE

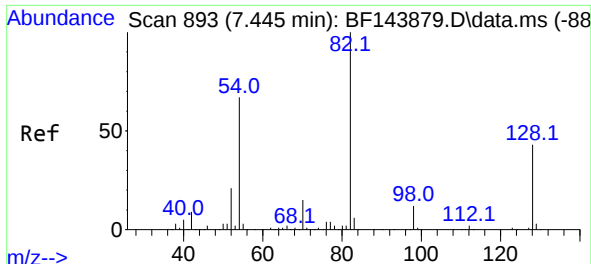
Tgt Ion: 99 Resp: 410701
Ion Ratio Lower Upper
99 100
42 28.2 21.0 31.4
71 38.8 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144042.D
Acq: 22 Oct 2025 15:20

Tgt Ion:136 Resp: 217059
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 8.7 8.2 12.4
68 6.3 6.2 9.4



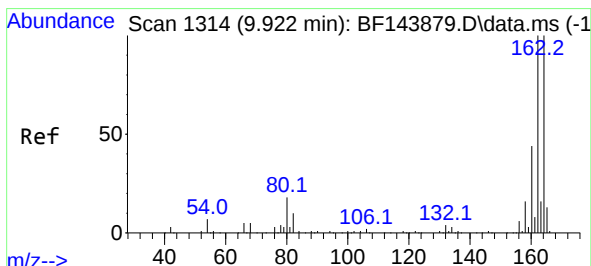
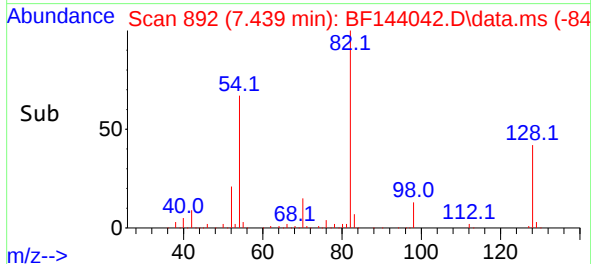
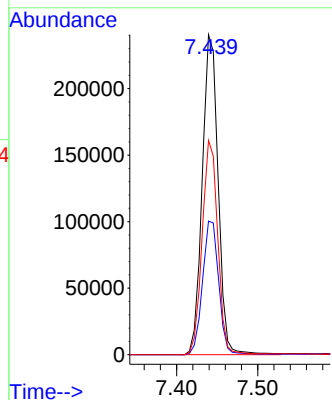
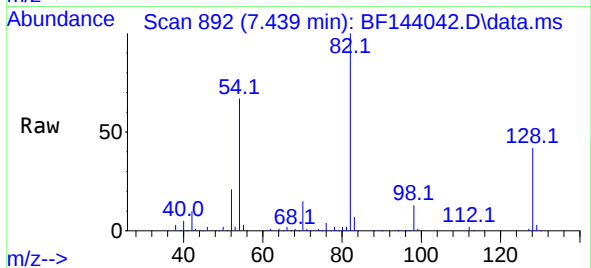


#23
 Nitrobenzene-d5
 Concen: 91.635 ng
 RT: 7.439 min Scan# 893
 Delta R.T. -0.018 min
 Lab File: BF144042.D
 Acq: 22 Oct 2025 15:20

Instrument :
 BNA_F
 ClientSampleId :
 MH-19RE

Tgt Ion: 82 Resp: 327385

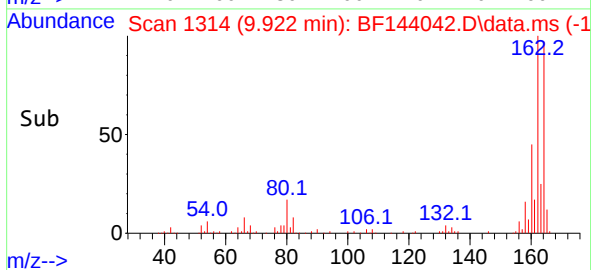
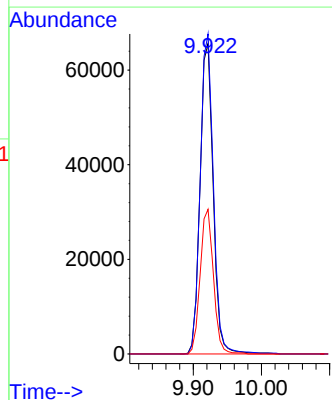
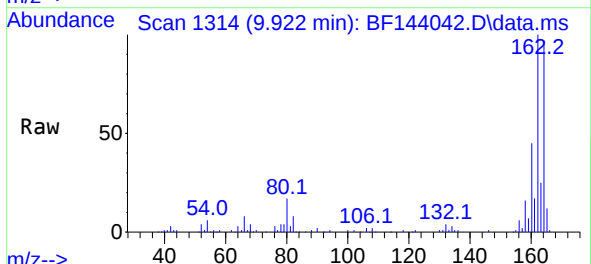
Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.0	51.0
54	67.0	53.2	79.8

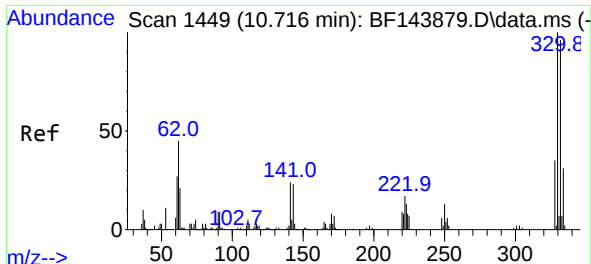


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.922 min Scan# 1314
 Delta R.T. -0.005 min
 Lab File: BF144042.D
 Acq: 22 Oct 2025 15:20

Tgt Ion: 164 Resp: 88039

Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.2	120.2
160	46.6	35.4	53.0

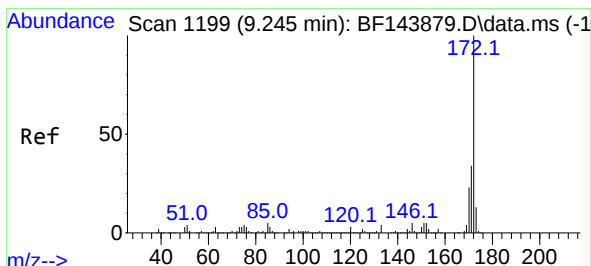
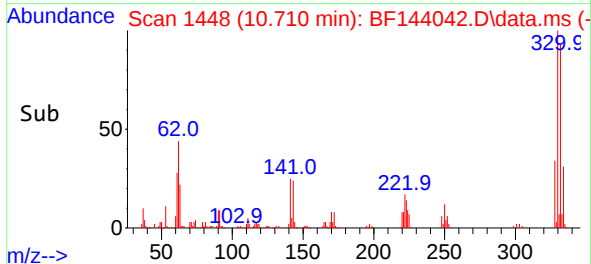
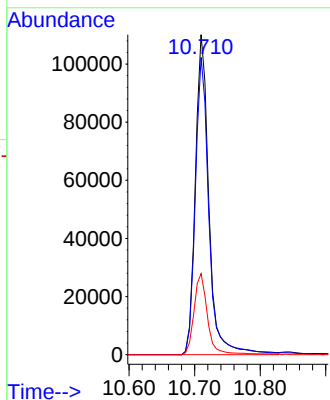
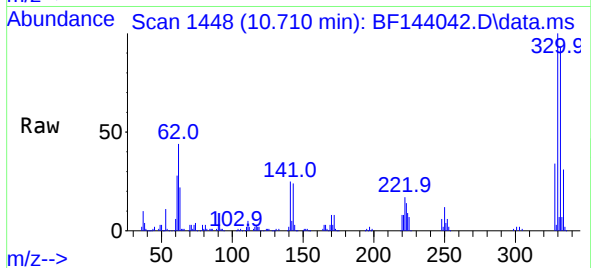




#42
2,4,6-Tribromophenol
Concen: 181.652 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF144042.D
Acq: 22 Oct 2025 15:20

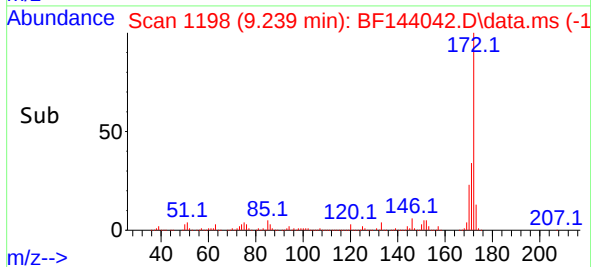
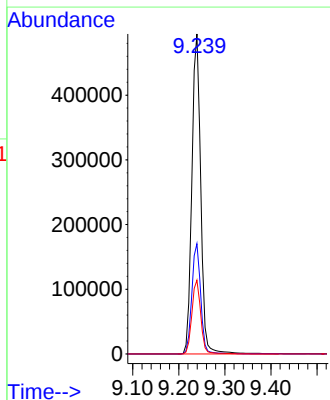
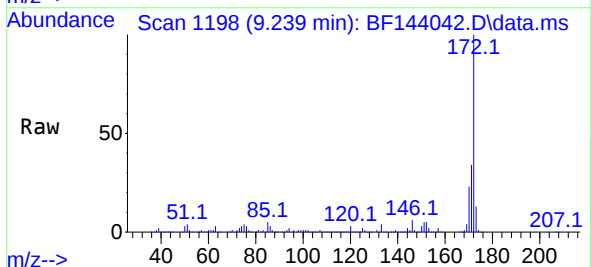
Instrument :
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ClientSampleId :
MH-19RE

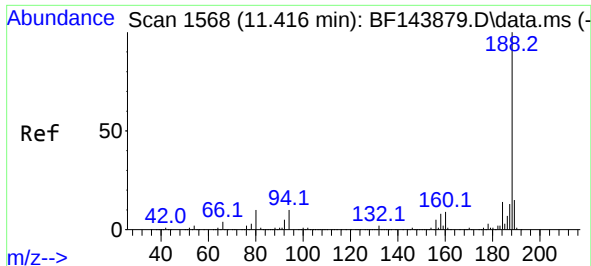
Tgt Ion:330 Resp: 159288
Ion Ratio Lower Upper
330 100
332 93.1 76.9 115.3
141 25.4 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 119.022 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF144042.D
Acq: 22 Oct 2025 15:20

Tgt Ion:172 Resp: 660382
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.0
170 23.1 18.6 28.0

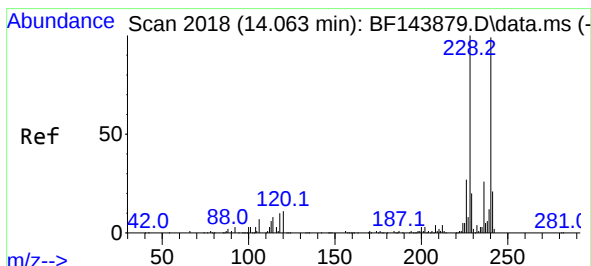
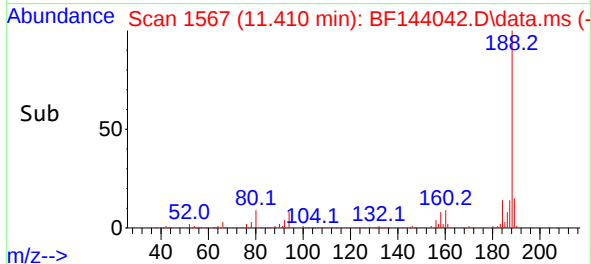
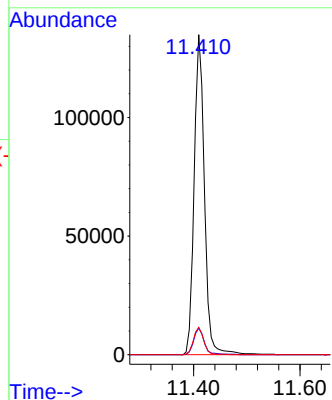
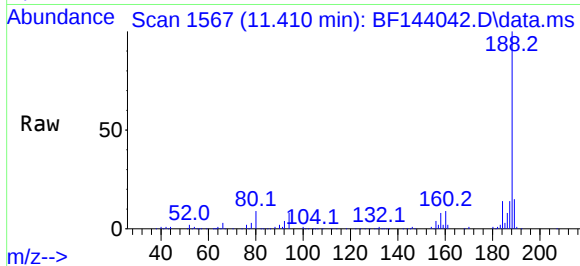




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144042.D
Acq: 22 Oct 2025 15:20

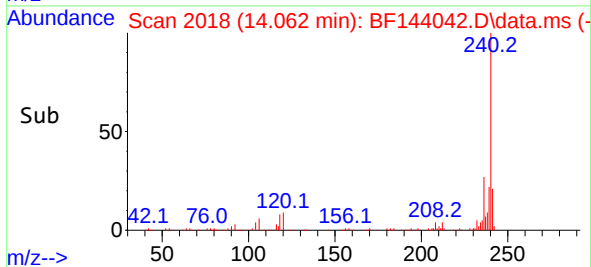
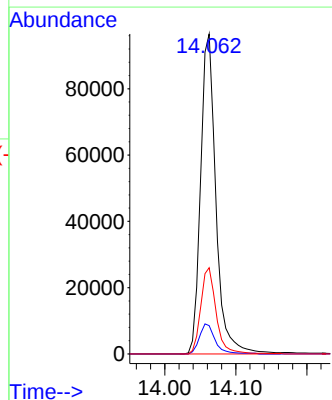
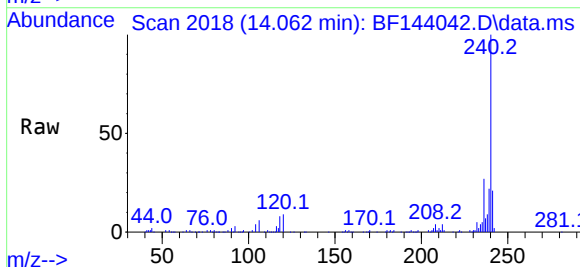
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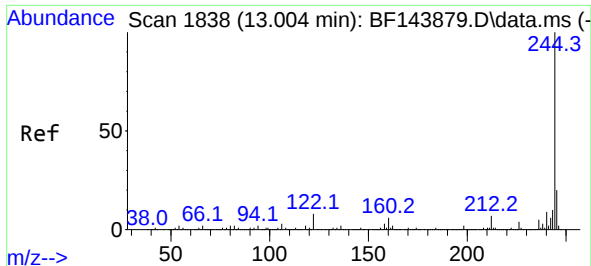
Tgt Ion:188 Resp: 181343
Ion Ratio Lower Upper
188 100
94 8.3 7.8 11.6
80 8.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF144042.D
Acq: 22 Oct 2025 15:20

Tgt Ion:240 Resp: 145175
Ion Ratio Lower Upper
240 100
120 8.9 8.6 13.0
236 26.9 21.1 31.7

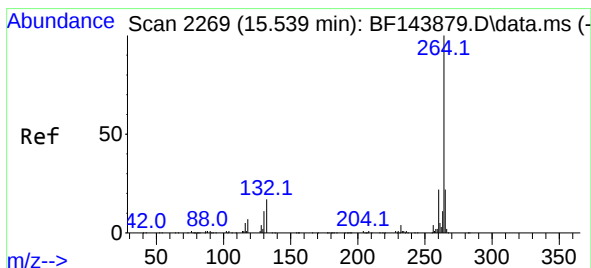
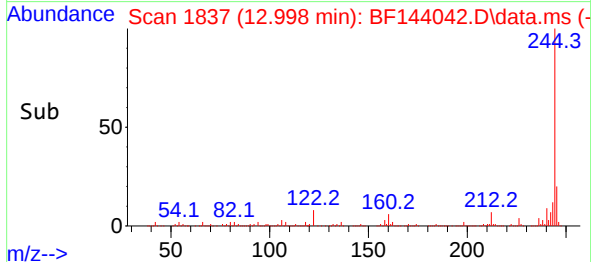
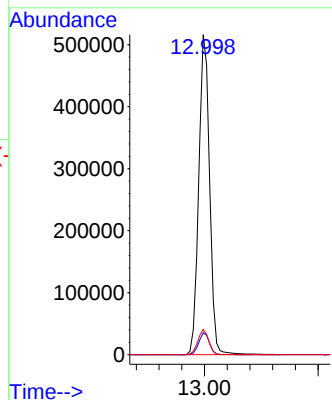
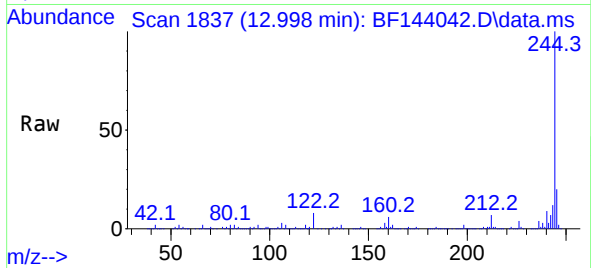




#79
 Terphenyl-d14
 Concen: 80.882 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF144042.D
 Acq: 22 Oct 2025 15:20

Instrument :
 BNA_F
 ClientSampleId :
 MH-19RE

Tgt Ion:244 Resp: 687037
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 7.9 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF144042.D
 Acq: 22 Oct 2025 15:20

Tgt Ion:264 Resp: 71262
 Ion Ratio Lower Upper
 264 100
 260 26.9 17.8 26.8#
 265 20.8 17.5 26.3

