

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
 Data File : BF144026.D
 Acq On : 21 Oct 2025 21:55
 Operator : RC/JU
 Sample : Q3402-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 41-RA

Quant Time: Oct 22 11:13:05 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	6.880	152	104084	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	375961	20.000	ng	0.00
39) Acenaphthene-d10	9.921	164	176907	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	260999	20.000	ng	0.00
76) Chrysene-d12	14.056	240	254790	20.000	ng	-0.01
86) Perylene-d12	15.545	264	315809	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	431671	65.859	ng	0.00
7) Phenol-d6	6.504	99	488994	62.590	ng	-0.01
23) Nitrobenzene-d5	7.439	82	292037	47.193	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	81006	45.973	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	363077	32.566	ng	-0.01
79) Terphenyl-d14	12.998	244	278201	18.661	ng	-0.01

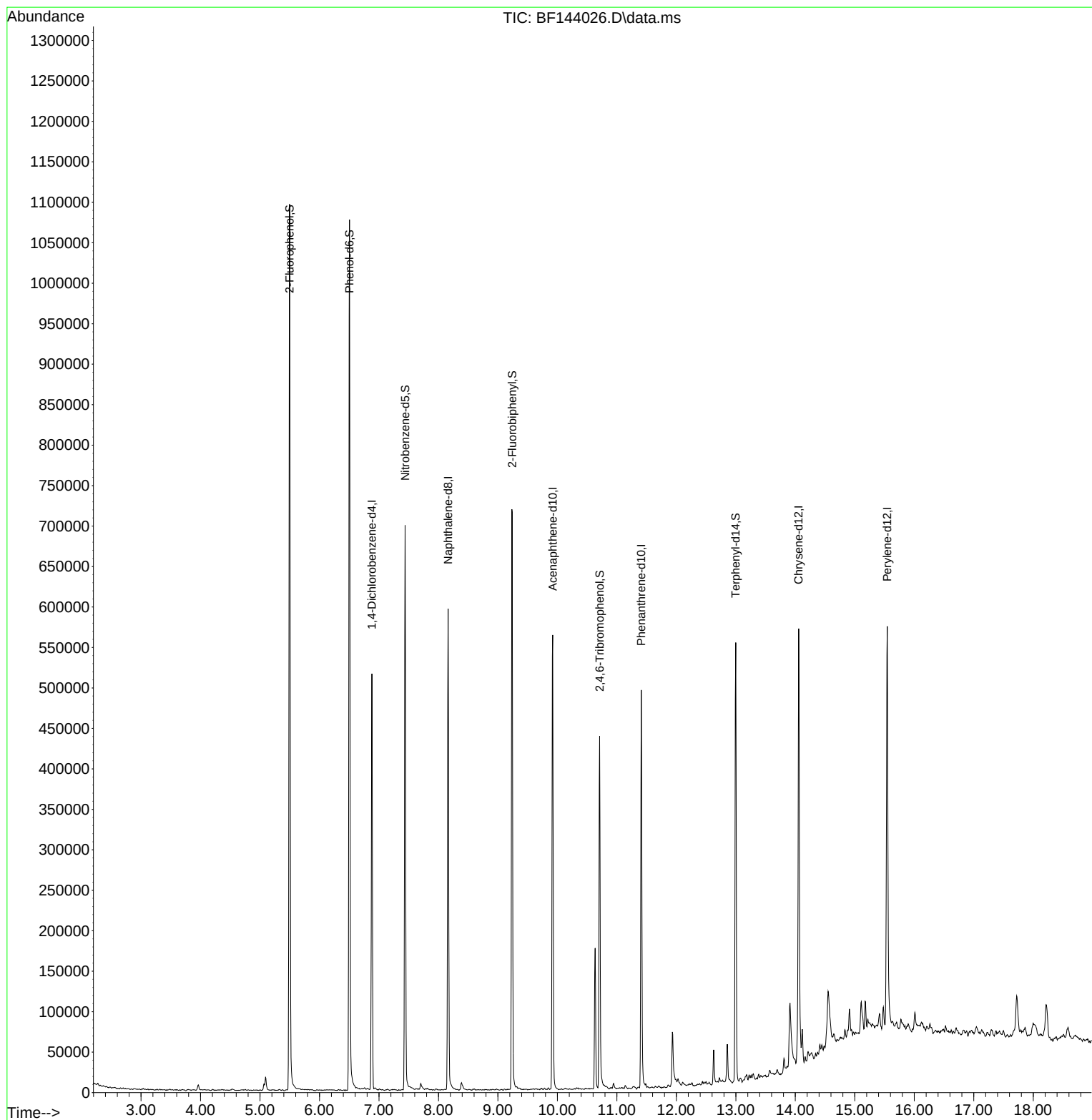
Target Compounds	Qvalue

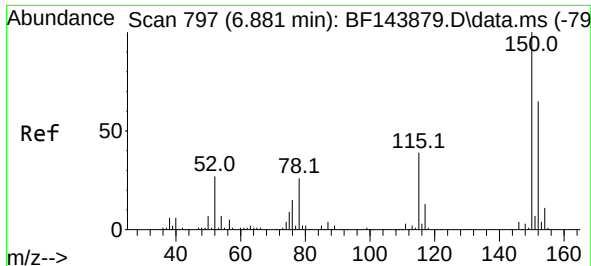
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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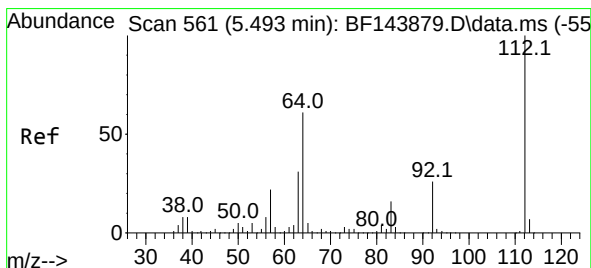
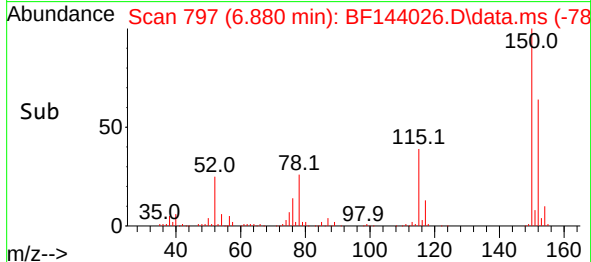
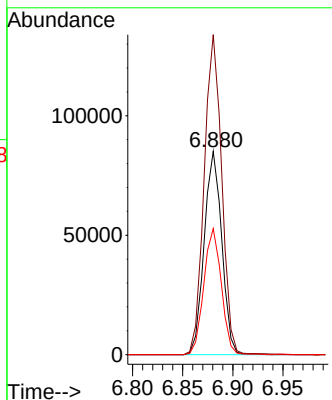
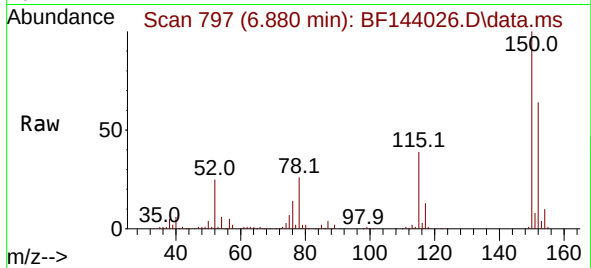




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.880 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF144026.D
 Acq: 21 Oct 2025 21:55

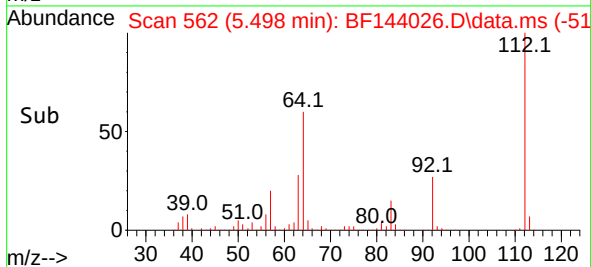
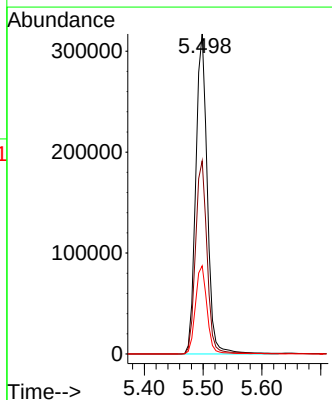
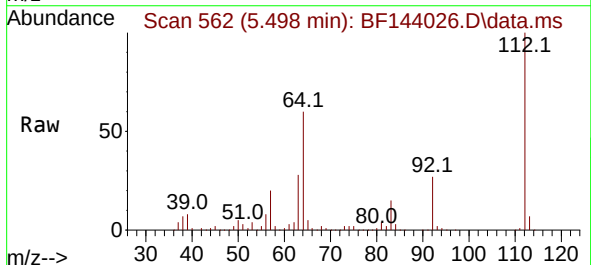
Instrument :
 BNA_F
 ClientSampleId :
 41-RA

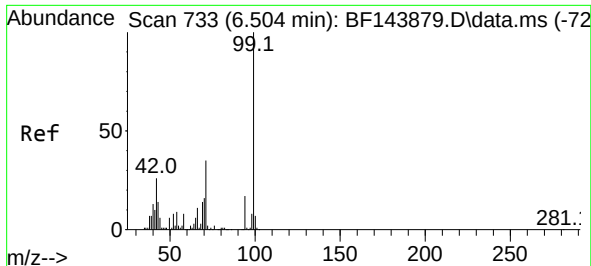
Tgt Ion:152 Resp: 104084
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.4 186.6
 115 62.0 48.1 72.1



#5
 2-Fluorophenol
 Concen: 65.859 ng
 RT: 5.498 min Scan# 562
 Delta R.T. -0.000 min
 Lab File: BF144026.D
 Acq: 21 Oct 2025 21:55

Tgt Ion:112 Resp: 431671
 Ion Ratio Lower Upper
 112 100
 64 60.3 49.1 73.7
 63 27.6 24.5 36.7





#7
Phenol-d6
Concen: 62.590 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144026.D
Acq: 21 Oct 2025 21:55

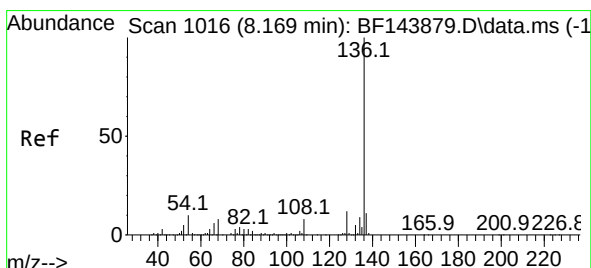
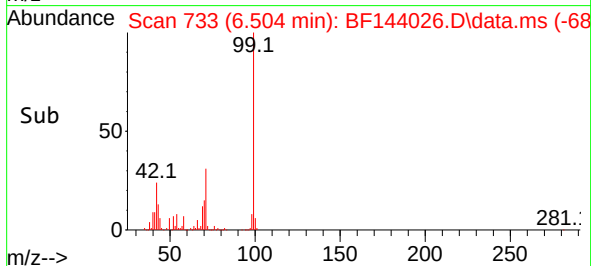
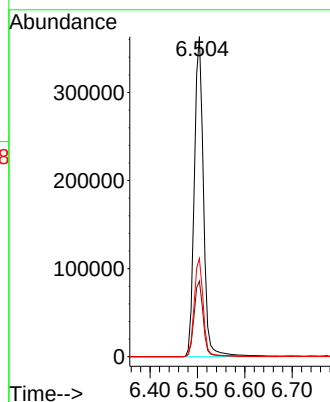
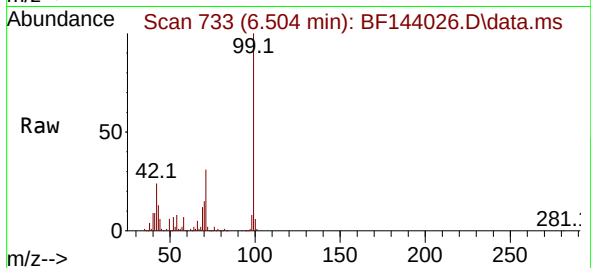
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BNA_F

ClientSampleId :

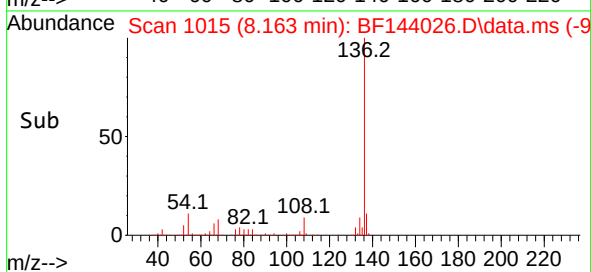
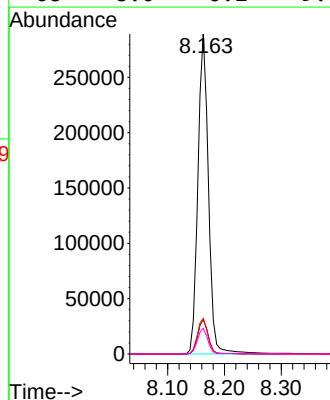
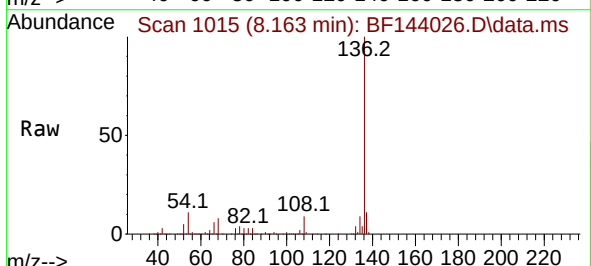
41-RA

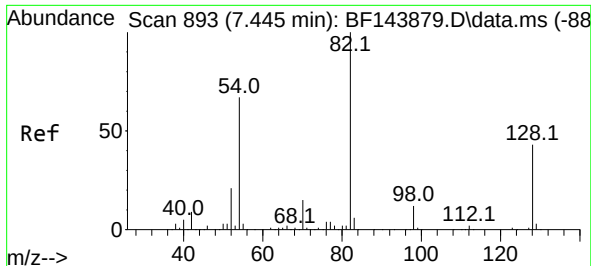
Tgt Ion: 99 Resp: 488994
Ion Ratio Lower Upper
99 100
42 23.6 21.0 31.4
71 30.7 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144026.D
Acq: 21 Oct 2025 21:55

Tgt Ion:136 Resp: 375961
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 11.1 8.2 12.4
68 8.0 6.2 9.4

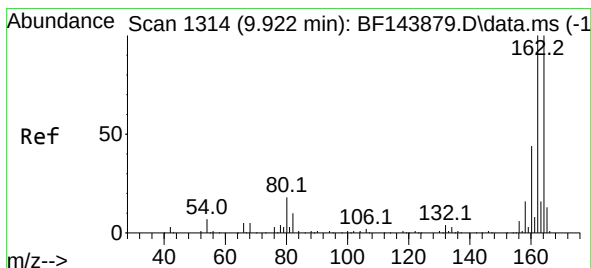
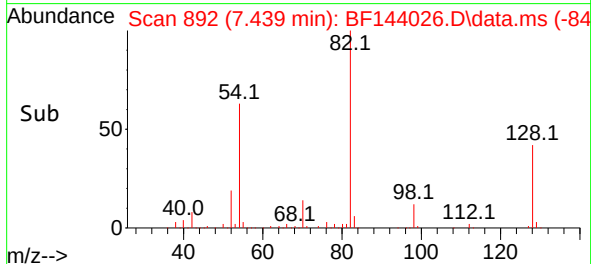
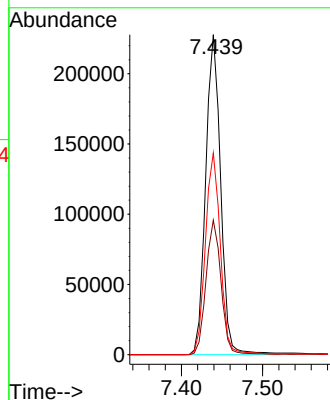
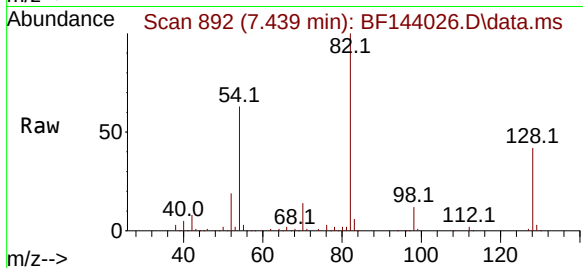




#23
Nitrobenzene-d5
Concen: 47.193 ng
RT: 7.439 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF144026.D
Acq: 21 Oct 2025 21:55

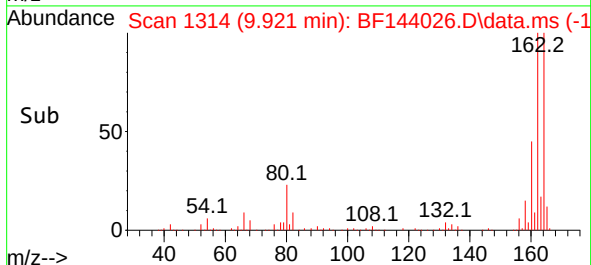
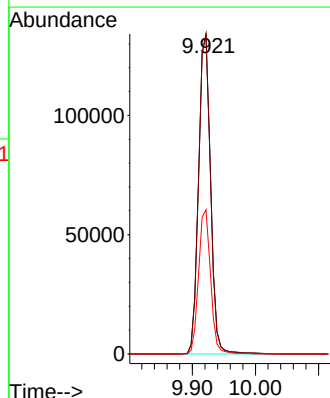
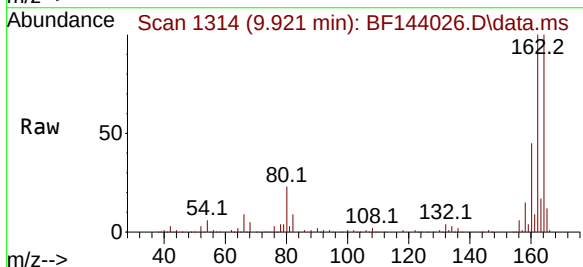
Instrument :
BNA_F
ClientSampleId :
41-RA

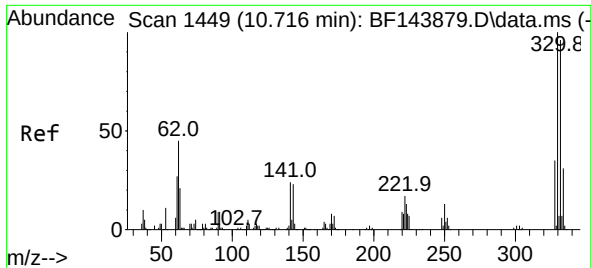
Tgt Ion: 82 Resp: 292037
Ion Ratio Lower Upper
82 100
128 42.1 34.0 51.0
54 63.1 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.921 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF144026.D
Acq: 21 Oct 2025 21:55

Tgt Ion:164 Resp: 176907
Ion Ratio Lower Upper
164 100
162 100.3 80.2 120.2
160 45.2 35.4 53.0

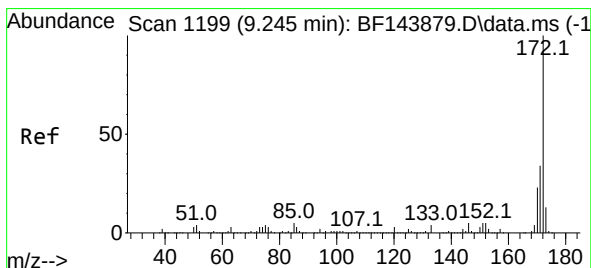
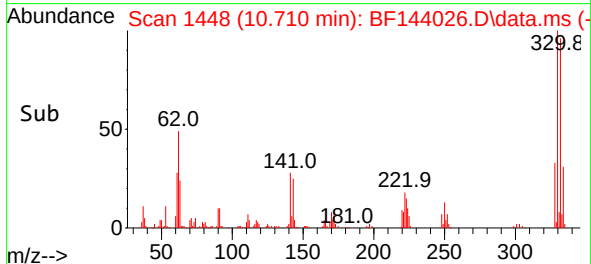
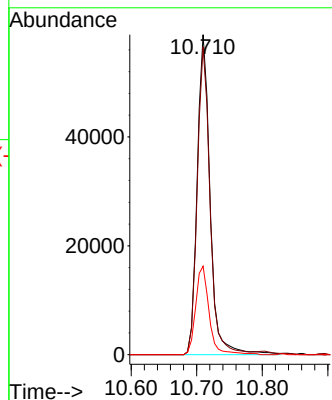
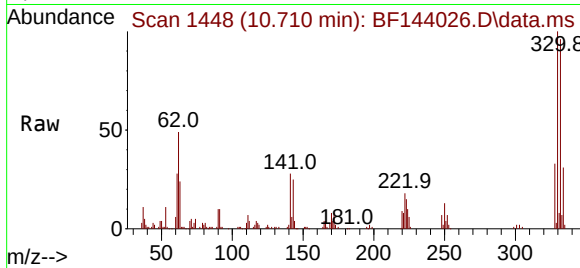




#42
2,4,6-Tribromophenol
Concen: 45.973 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF144026.D
Acq: 21 Oct 2025 21:55

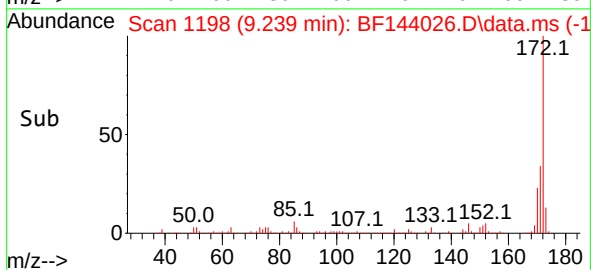
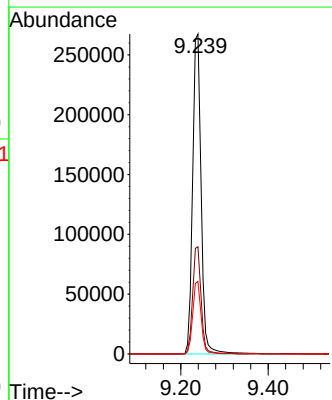
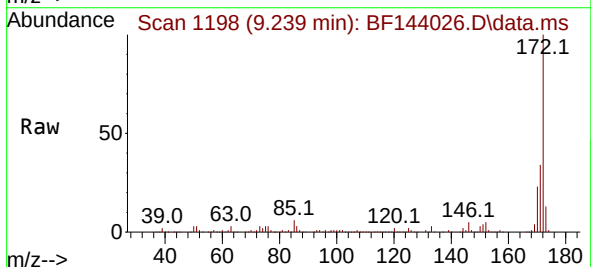
Instrument :
BNA_F
ClientSampleId :
41-RA

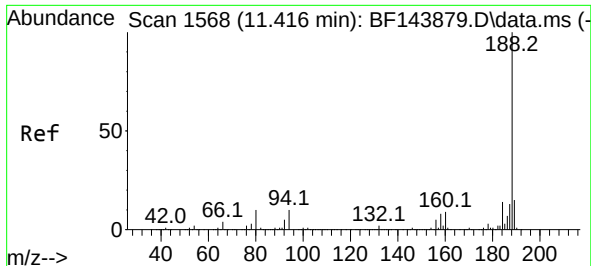
Tgt Ion: 330 Resp: 81006
Ion Ratio Lower Upper
330 100
332 94.5 76.9 115.3
141 28.7 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 32.566 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF144026.D
Acq: 21 Oct 2025 21:55

Tgt Ion: 172 Resp: 363077
Ion Ratio Lower Upper
172 100
171 33.5 27.4 41.0
170 22.7 18.6 28.0

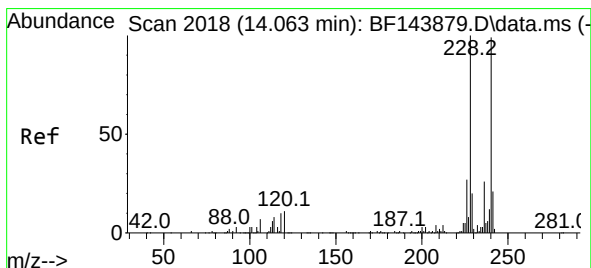
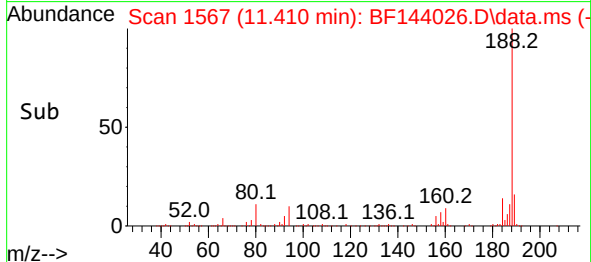
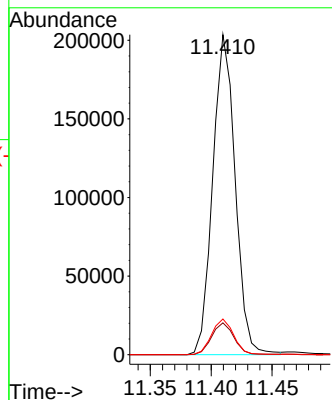
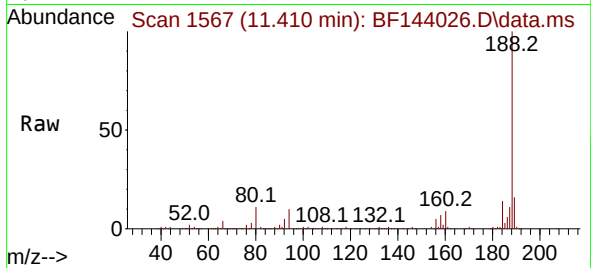




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144026.D
Acq: 21 Oct 2025 21:55

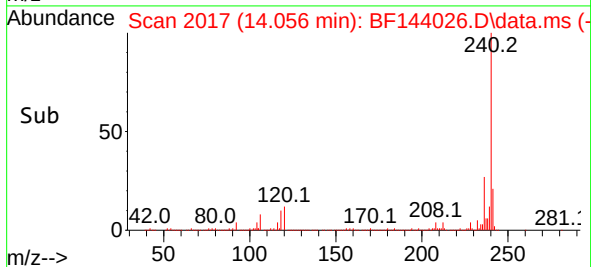
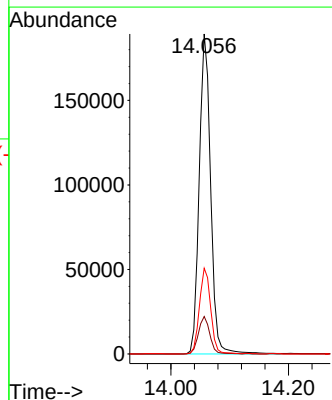
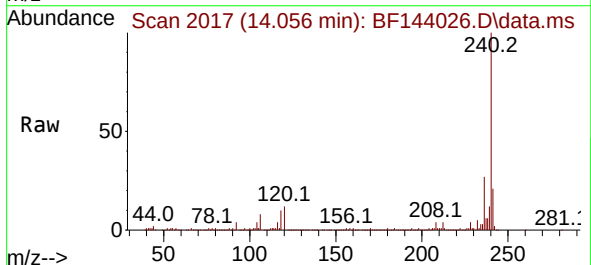
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41-RA

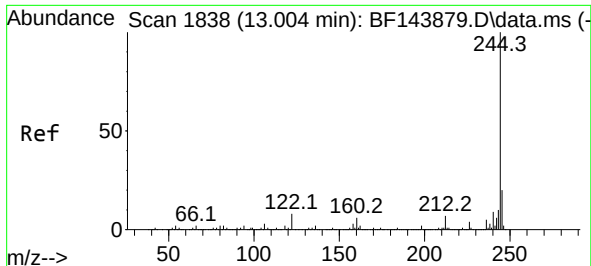
Tgt Ion:188 Resp: 260999
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 11.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.056 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF144026.D
Acq: 21 Oct 2025 21:55

Tgt Ion:240 Resp: 254790
Ion Ratio Lower Upper
240 100
120 11.7 8.6 13.0
236 26.8 21.1 31.7

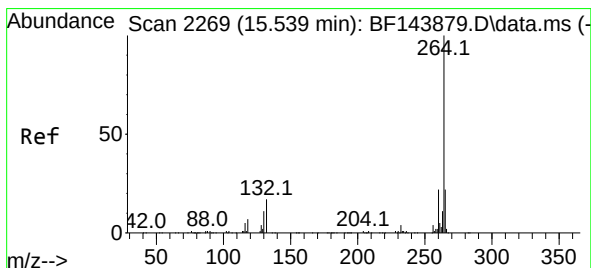
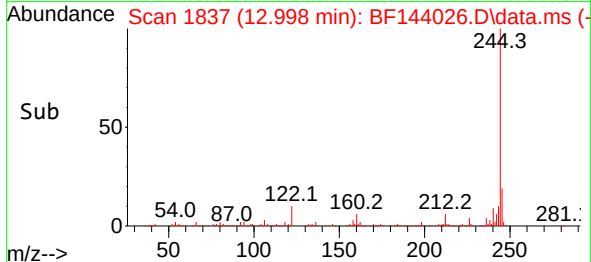
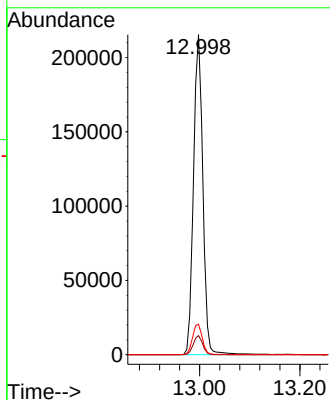
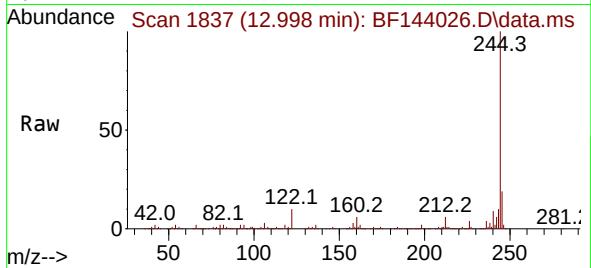




#79
 Terphenyl-d14
 Concen: 18.661 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF144026.D
 Acq: 21 Oct 2025 21:55

Instrument :
 BNA_F
 ClientSampleId :
 41-RA

Tgt Ion:244 Resp: 278201
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.4 8.0
 122 9.5 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: BF144026.D
 Acq: 21 Oct 2025 21:55

Tgt Ion:264 Resp: 315809
 Ion Ratio Lower Upper
 264 100
 260 21.3 17.8 26.8
 265 21.1 17.5 26.3

