

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
 Data File : BF144104.D
 Acq On : 28 Oct 2025 16:44
 Operator : RC/JU
 Sample : Q3395-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR132-S09-000051-20251017

Quant Time: Oct 28 17:04:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	63386	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	253842	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	151776	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	266957	20.000	ng	0.00
76) Chrysene-d12	14.051	240	148535	20.000	ng	0.00
86) Perylene-d12	15.533	264	172792	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	312272	77.943	ng	0.00
7) Phenol-d6	6.504	99	371465	83.953	ng	0.00
23) Nitrobenzene-d5	7.434	82	236068	50.951	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	167419	86.596	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	490211	45.451	ng	0.00
79) Terphenyl-d14	12.992	244	479294	56.412	ng	0.00

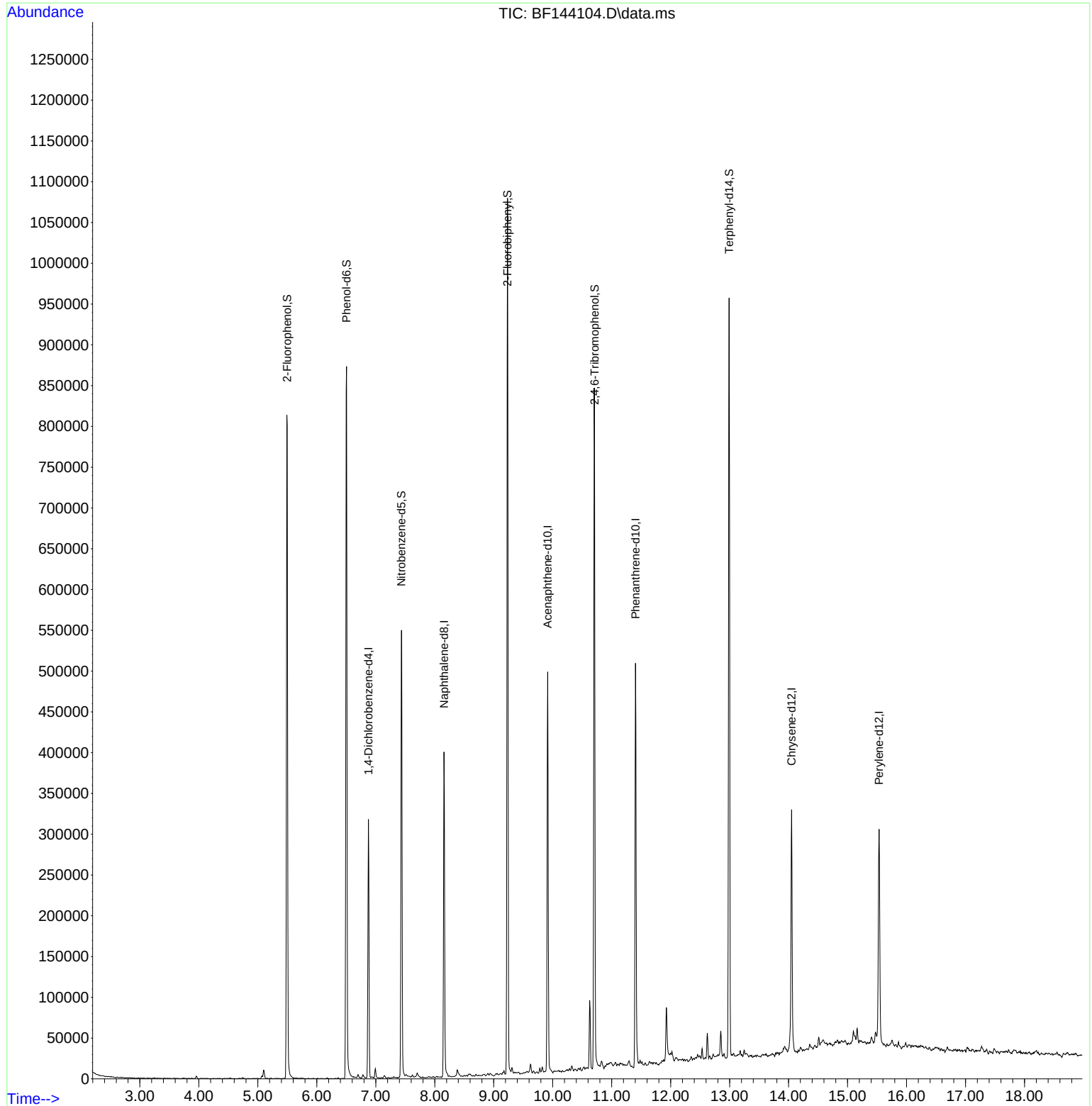
Target Compounds	Qvalue

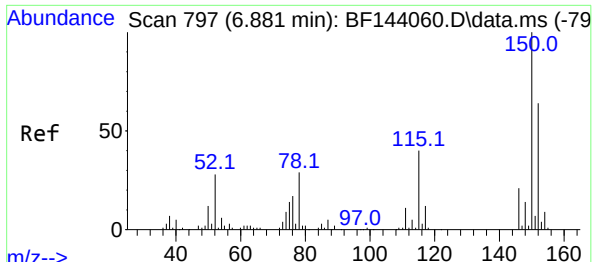
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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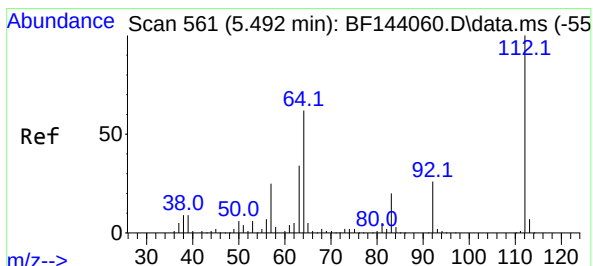
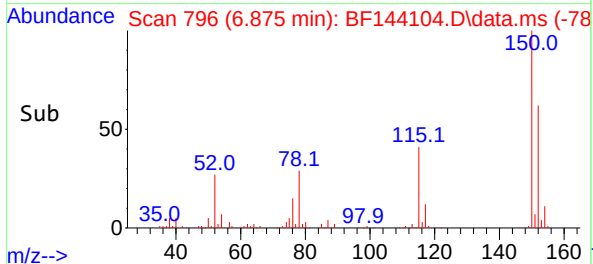
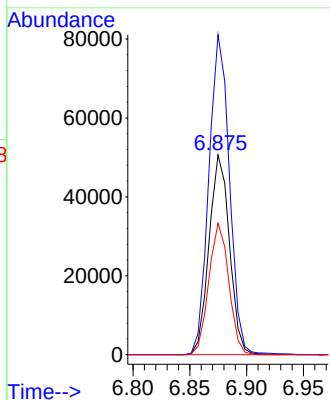
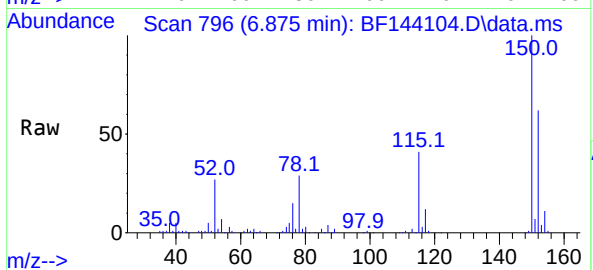




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF144104.D
Acq: 28 Oct 2025 16:44

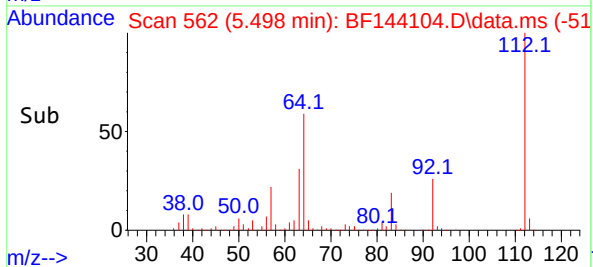
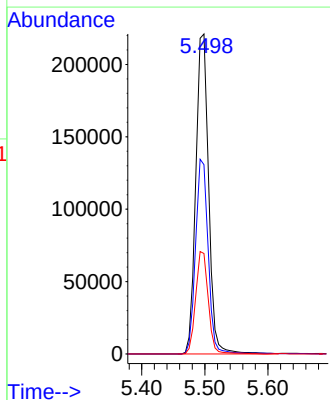
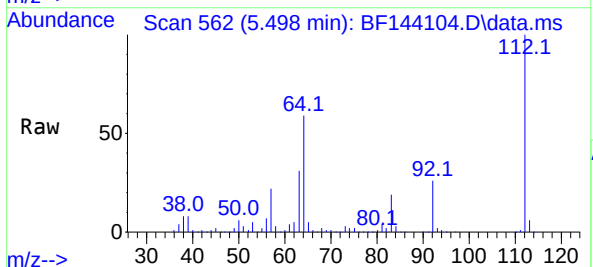
Instrument :
BNA_F
ClientSampleId :
PR132-S09-000051-20251017

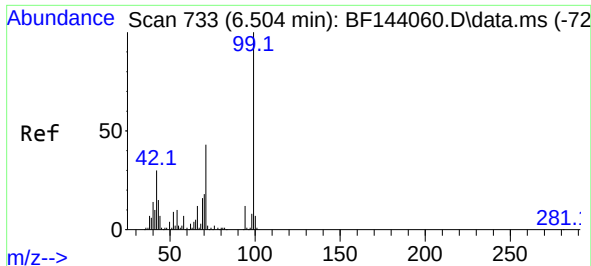
Tgt Ion:152 Resp: 63386
Ion Ratio Lower Upper
152 100
150 160.3 124.4 186.6
115 65.8 49.4 74.0



#5
2-Fluorophenol
Concen: 77.943 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144104.D
Acq: 28 Oct 2025 16:44

Tgt Ion:112 Resp: 312272
Ion Ratio Lower Upper
112 100
64 59.1 49.8 74.8
63 31.4 27.4 41.2



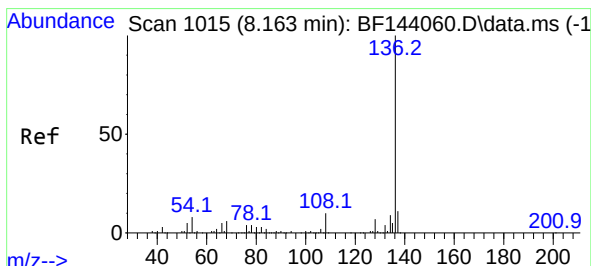
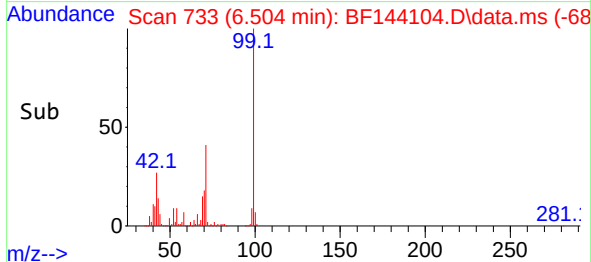
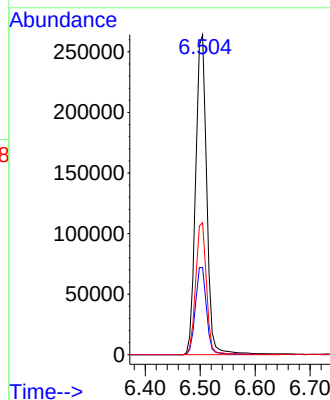
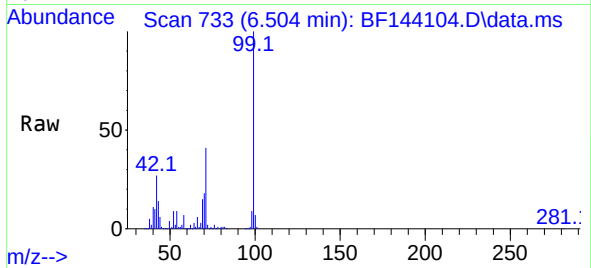


#7
Phenol-d6
Concen: 83.953 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144104.D
Acq: 28 Oct 2025 16:44

Instrument :
BNA_F
ClientSampleId :
PR132-S09-000051-20251017

Tgt Ion: 99 Resp: 371465

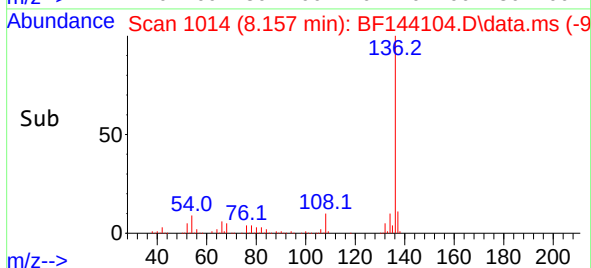
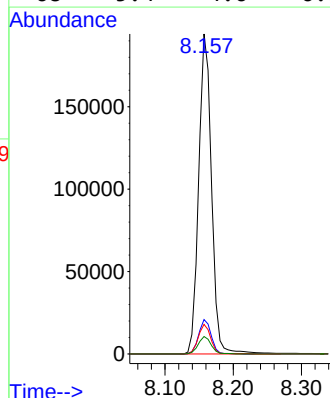
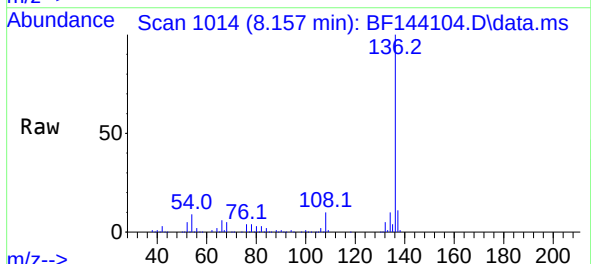
Ion	Ratio	Lower	Upper
99	100		
42	27.2	23.9	35.9
71	41.3	34.4	51.6

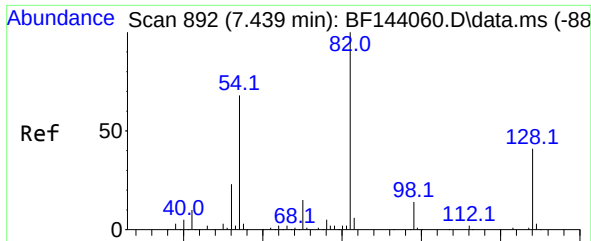


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144104.D
Acq: 28 Oct 2025 16:44

Tgt Ion: 136 Resp: 253842

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.3	6.6	9.8
68	5.4	4.6	6.8

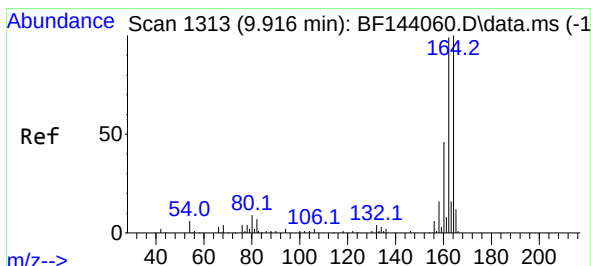
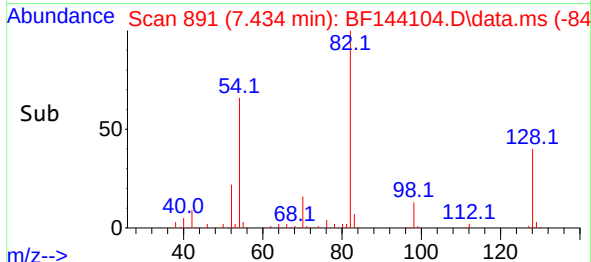
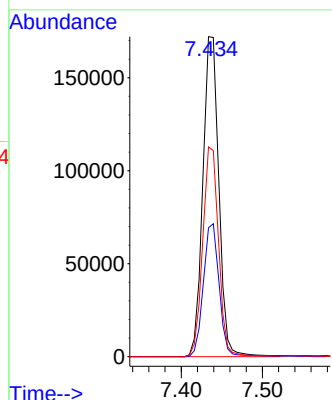
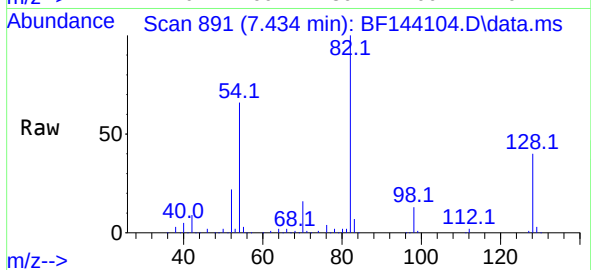




#23
Nitrobenzene-d5
Concen: 50.951 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF144104.D
Acq: 28 Oct 2025 16:44

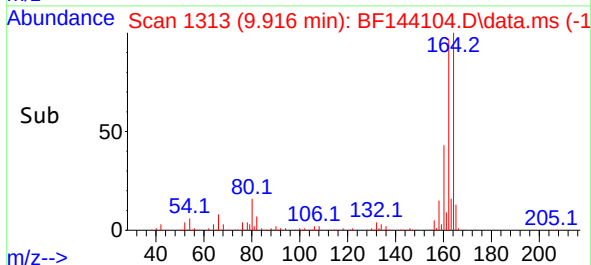
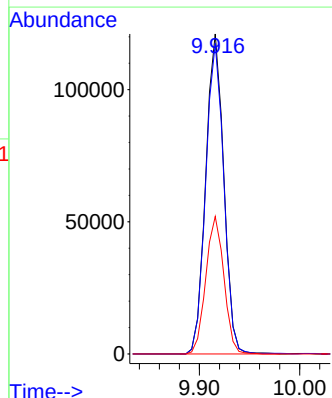
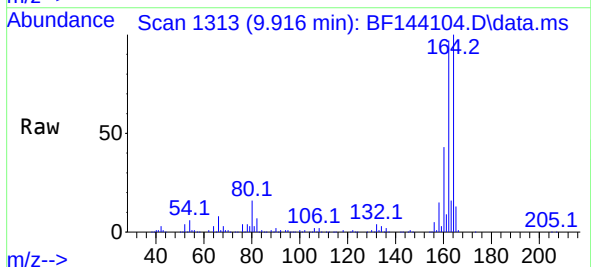
Instrument :
BNA_F
ClientSampleId :
PR132-S09-000051-20251017

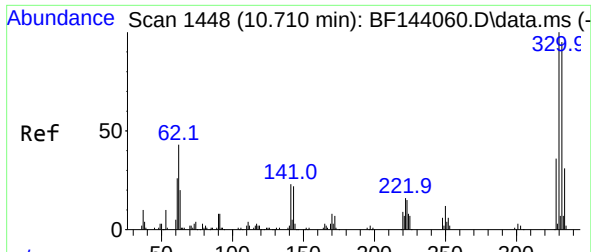
Tgt Ion: 82 Resp: 236068
Ion Ratio Lower Upper
82 100
128 40.3 32.4 48.6
54 65.5 54.0 81.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144104.D
Acq: 28 Oct 2025 16:44

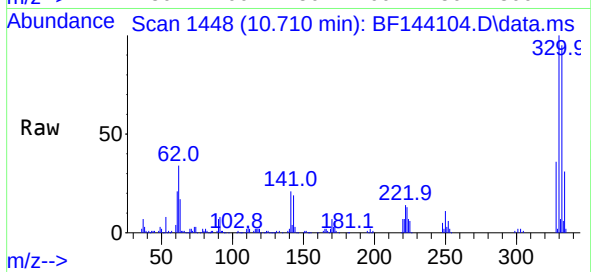
Tgt Ion:164 Resp: 151776
Ion Ratio Lower Upper
164 100
162 97.1 79.4 119.2
160 43.0 36.7 55.1



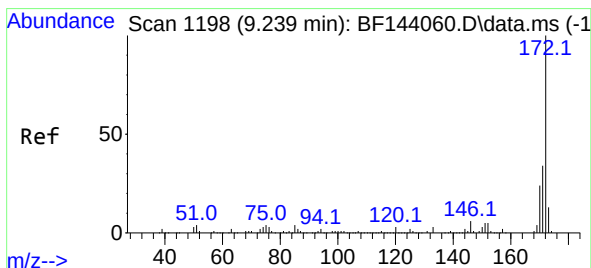
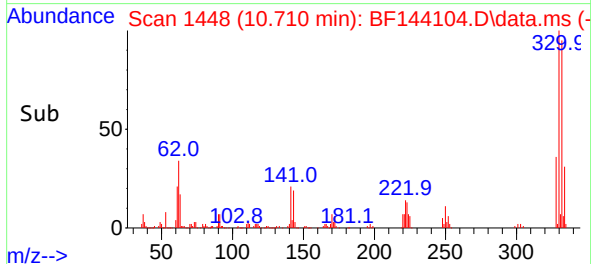
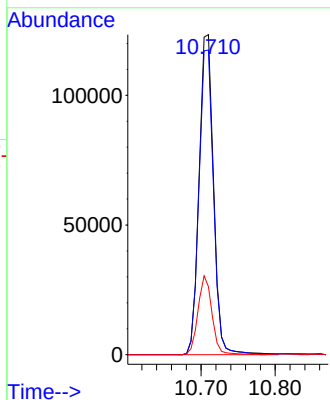


#42
2,4,6-Tribromophenol
Concen: 86.596 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144104.D
Acq: 28 Oct 2025 16:44

Instrument :
BNA_F
ClientSampleId :
PR132-S09-000051-20251017

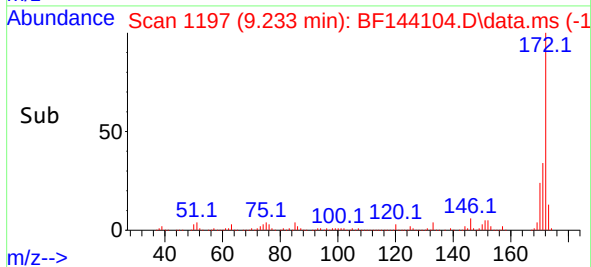
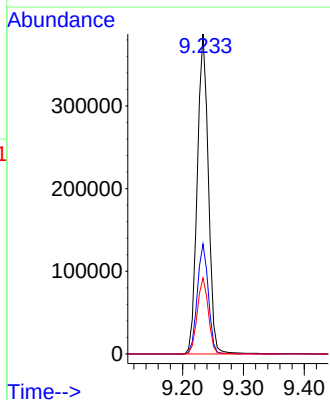
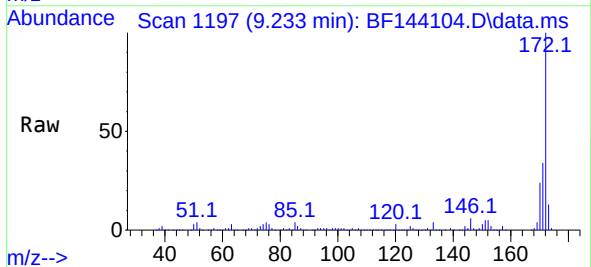


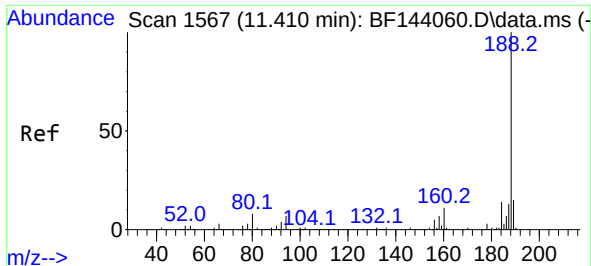
Tgt Ion:330 Resp: 167419
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 23.8 19.4 29.0



#45
2-Fluorobiphenyl
Concen: 45.451 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144104.D
Acq: 28 Oct 2025 16:44

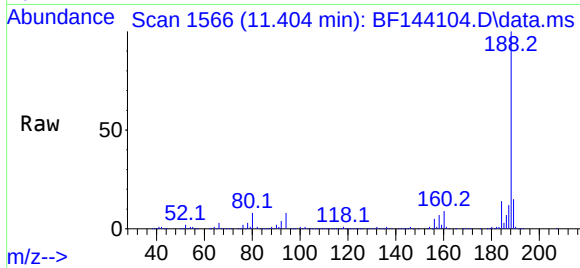
Tgt Ion:172 Resp: 490211
Ion Ratio Lower Upper
172 100
171 34.4 27.5 41.3
170 23.7 19.0 28.6



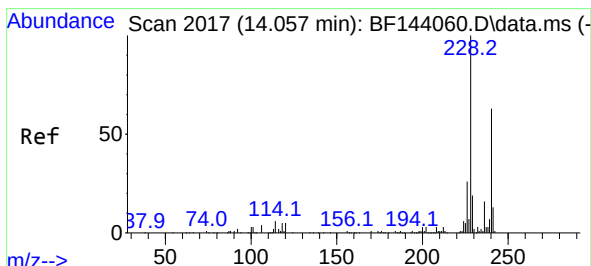
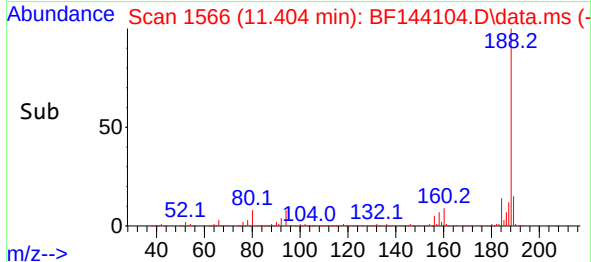
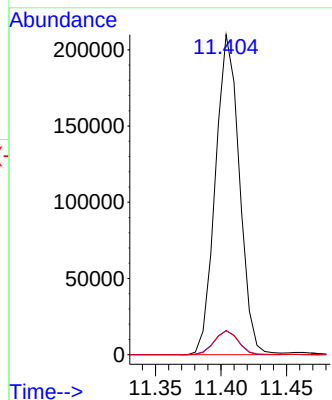


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144104.D
Acq: 28 Oct 2025 16:44

Instrument :
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ClientSampleId :
PR132-S09-000051-20251017

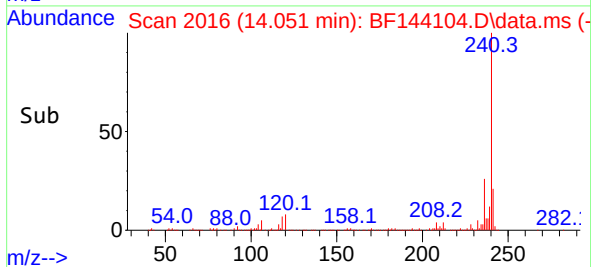
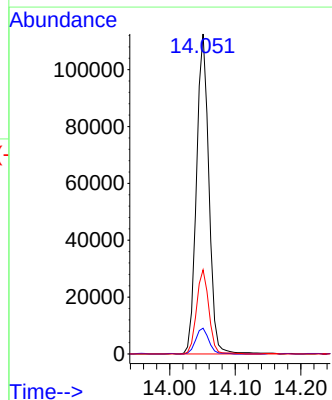
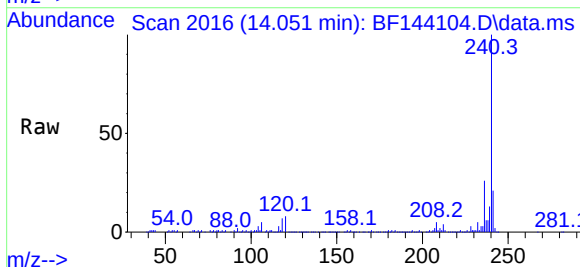


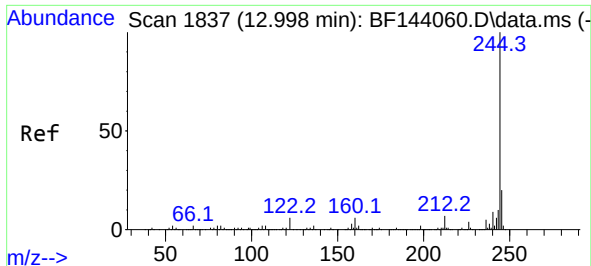
Tgt Ion:188 Resp: 266957
Ion Ratio Lower Upper
188 100
94 7.5 5.4 8.0
80 7.6 6.0 9.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144104.D
Acq: 28 Oct 2025 16:44

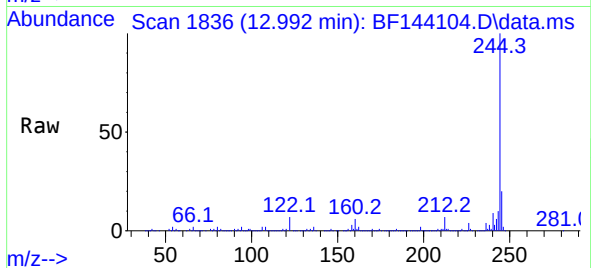
Tgt Ion:240 Resp: 148535
Ion Ratio Lower Upper
240 100
120 8.0 6.5 9.7
236 26.3 20.1 30.1



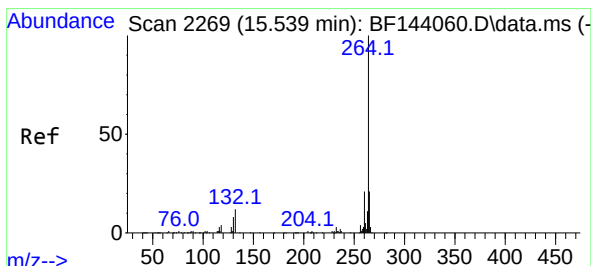
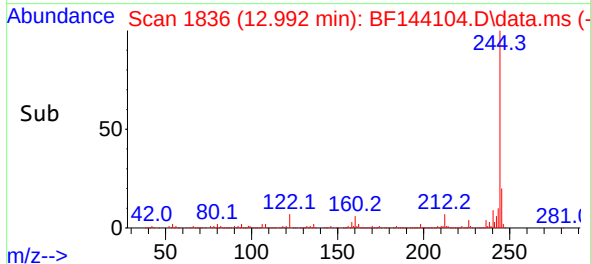
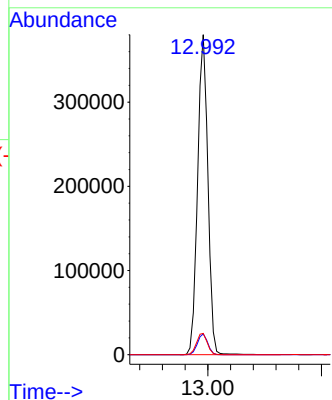


#79
 Terphenyl-d14
 Concen: 56.412 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF144104.D
 Acq: 28 Oct 2025 16:44

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 479294
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.6
 122 6.6 4.9 7.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF144104.D
 Acq: 28 Oct 2025 16:44

Tgt Ion:264 Resp: 172792
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.0 25.4
 265 20.8 16.6 24.8

