

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144178.D
 Acq On : 05 Nov 2025 18:10
 Operator : RC/JU
 Sample : PB170372BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170372BL

Quant Time: Nov 05 18:31:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	77750	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	301583	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	184322	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	347917	20.000	ng	0.00
76) Chrysene-d12	14.057	240	224496	20.000	ng	0.00
86) Perylene-d12	15.539	264	230236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	607522	122.276	ng	0.00
7) Phenol-d6	6.504	99	691110	122.762	ng	0.00
23) Nitrobenzene-d5	7.434	82	458383	87.783	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	305142	131.923	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1015341	81.357	ng	0.00
79) Terphenyl-d14	12.998	244	1263801	89.419	ng	0.00

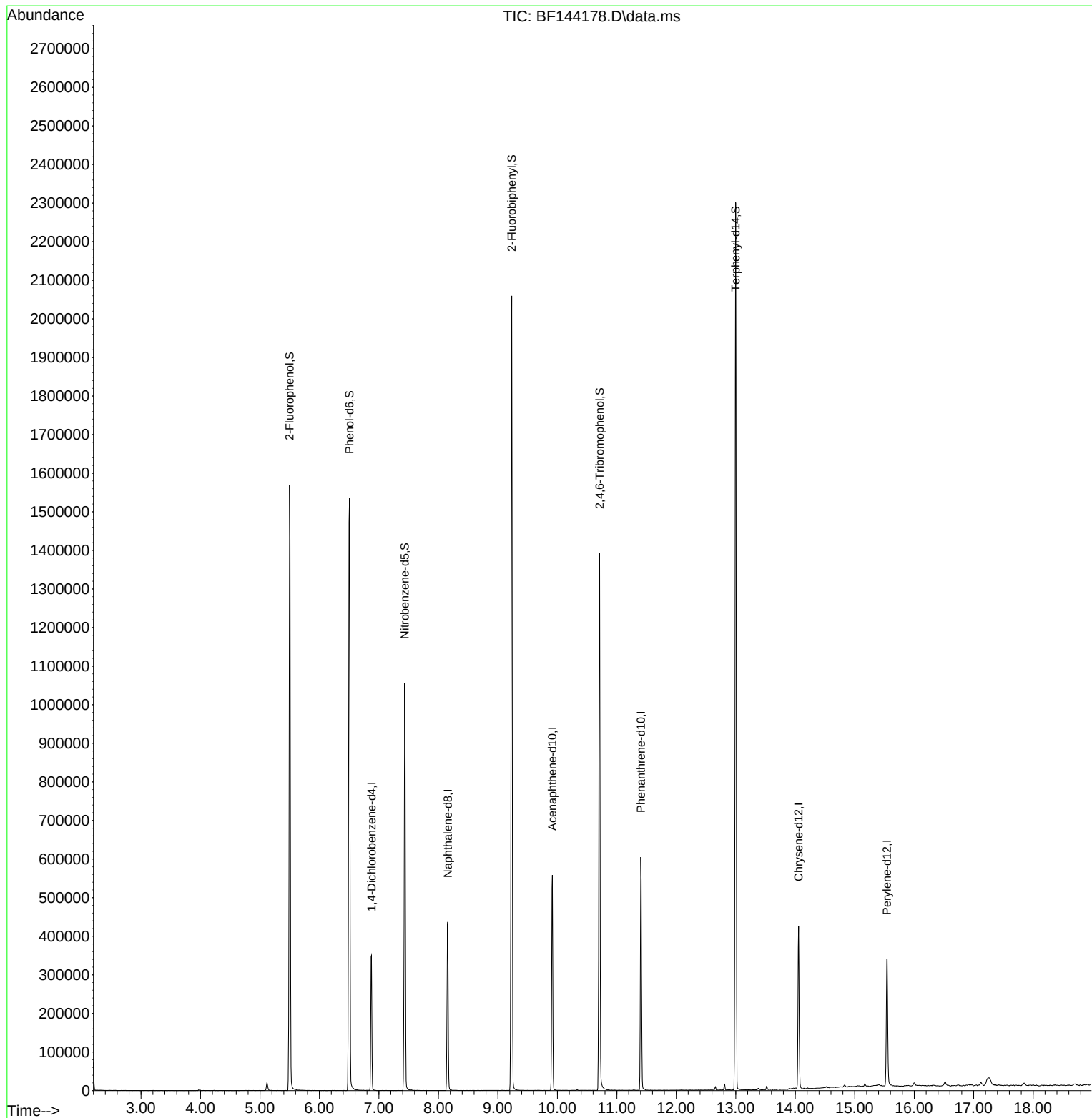
Target Compounds	Qvalue

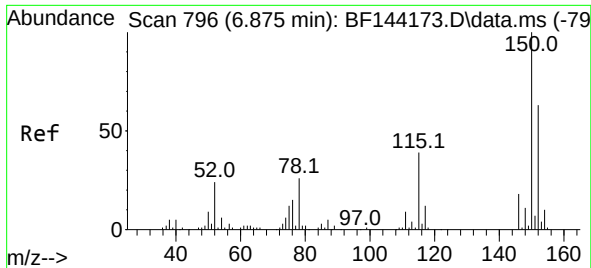
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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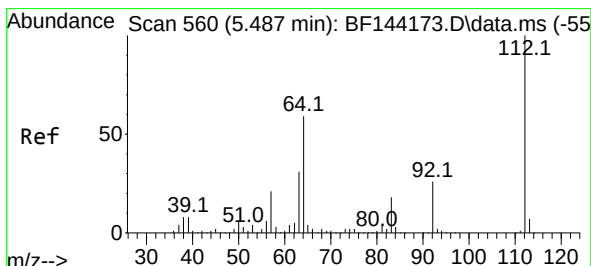
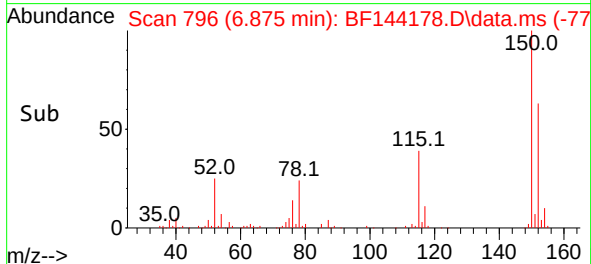
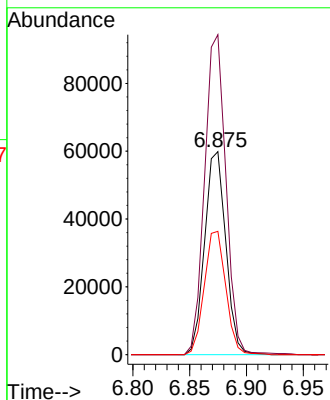
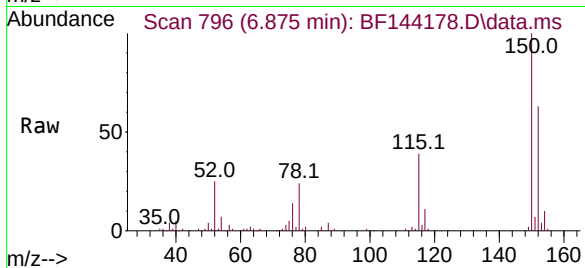




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF144178.D
Acq: 05 Nov 2025 18:10

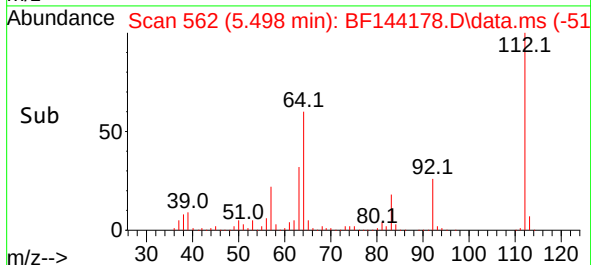
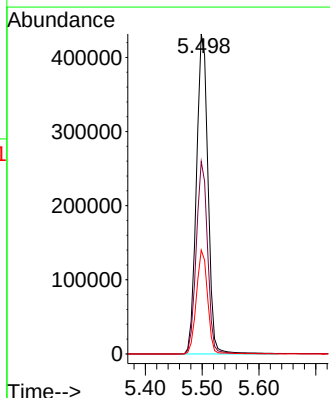
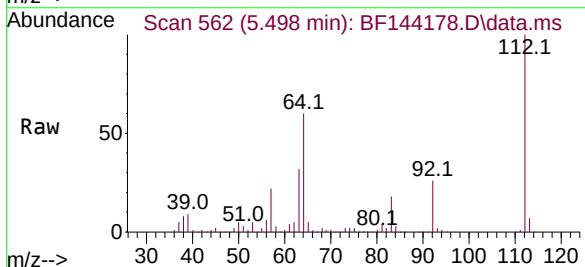
Instrument :
BNA_F
ClientSampleId :
PB170372BL

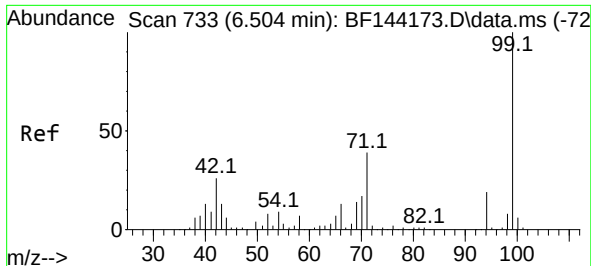
Tgt Ion:152 Resp: 77750
Ion Ratio Lower Upper
152 100
150 157.7 127.4 191.0
115 60.8 49.5 74.3



#5
2-Fluorophenol
Concen: 122.276 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144178.D
Acq: 05 Nov 2025 18:10

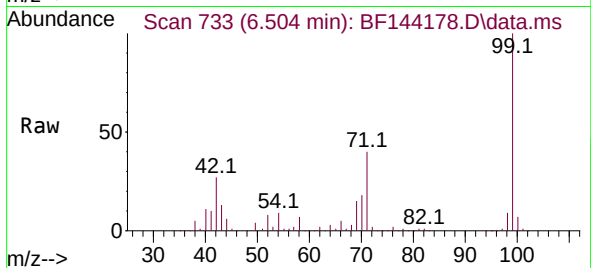
Tgt Ion:112 Resp: 607522
Ion Ratio Lower Upper
112 100
64 60.1 47.2 70.8
63 32.4 24.4 36.6





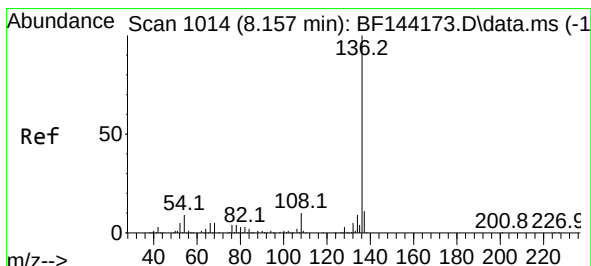
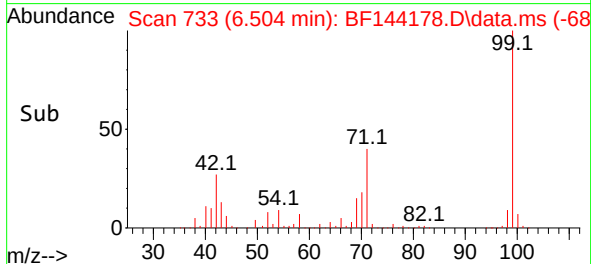
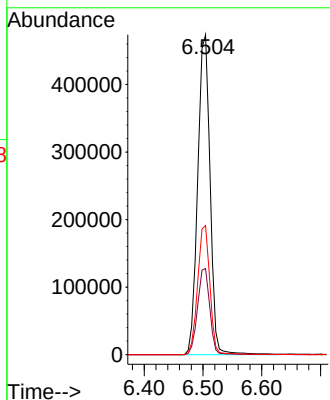
#7
Phenol-d6
Concen: 122.762 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF144178.D
Acq: 05 Nov 2025 18:10

Instrument :
BNA_F
ClientSampleId :
PB170372BL



Tgt Ion: 99 Resp: 691110

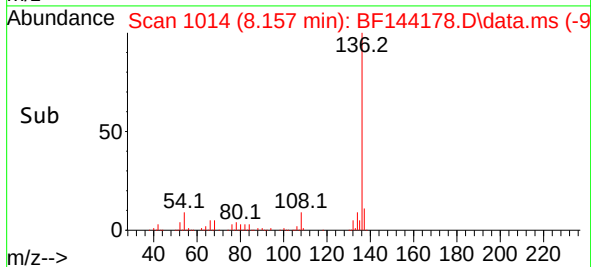
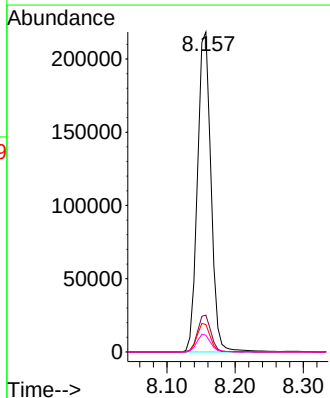
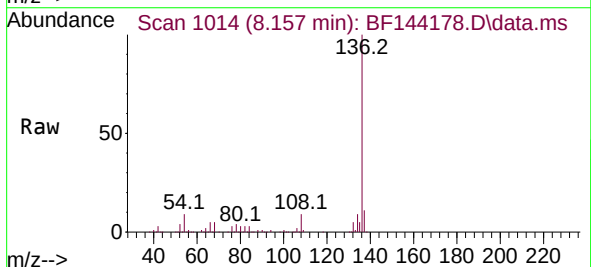
Ion	Ratio	Lower	Upper
99	100		
42	26.9	20.9	31.3
71	40.3	31.4	47.2

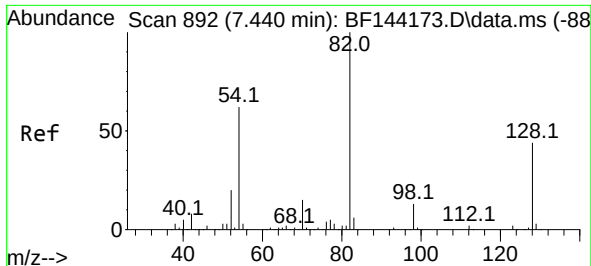


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144178.D
Acq: 05 Nov 2025 18:10

Tgt Ion: 136 Resp: 301583

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	8.6	7.0	10.6
68	5.2	4.3	6.5

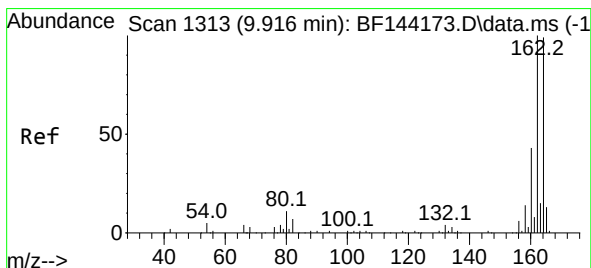
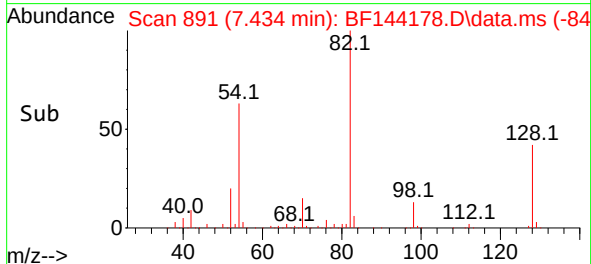
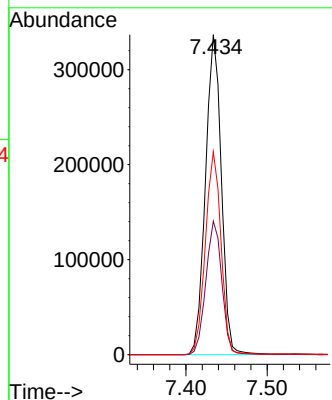
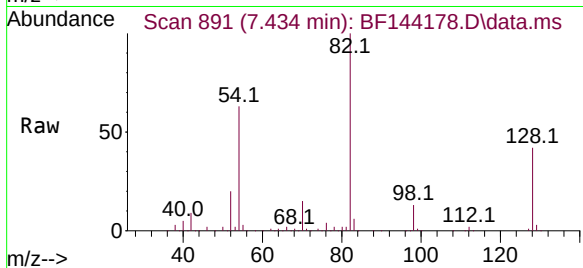




#23
 Nitrobenzene-d5
 Concen: 87.783 ng
 RT: 7.434 min Scan# 891
 Delta R.T. -0.012 min
 Lab File: BF144178.D
 Acq: 05 Nov 2025 18:10

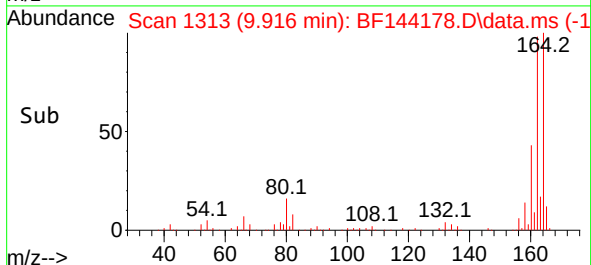
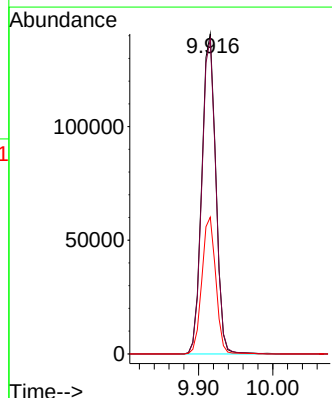
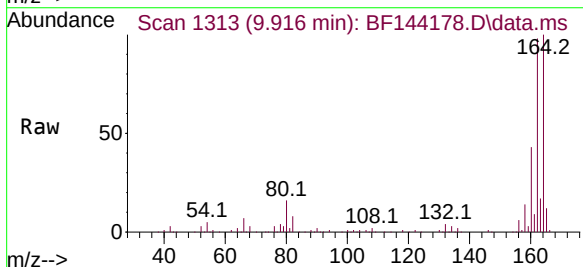
Instrument :
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 ClientSampleId :
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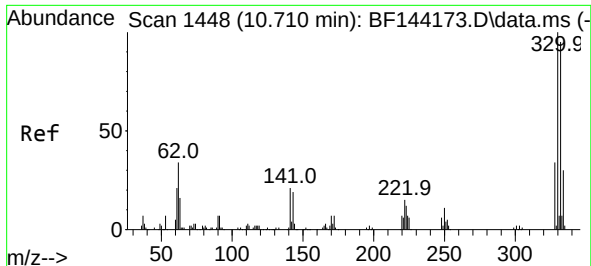
Tgt Ion: 82 Resp: 458383
 Ion Ratio Lower Upper
 82 100
 128 41.7 34.7 52.1
 54 63.4 49.5 74.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.916 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: BF144178.D
 Acq: 05 Nov 2025 18:10

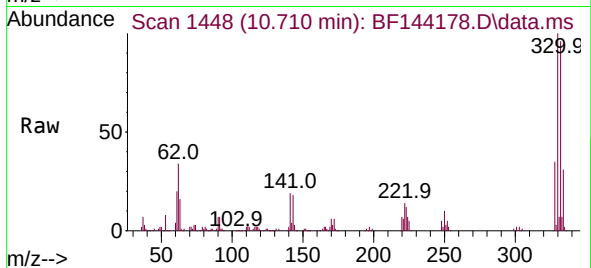
Tgt Ion:164 Resp: 184322
 Ion Ratio Lower Upper
 164 100
 162 98.4 81.1 121.7
 160 42.8 34.5 51.7



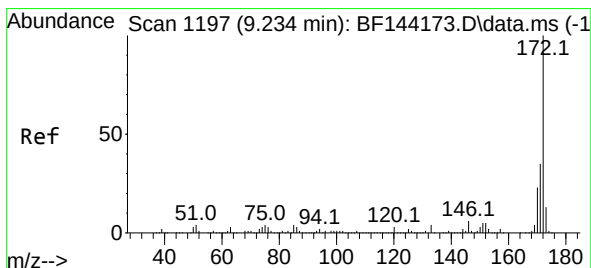
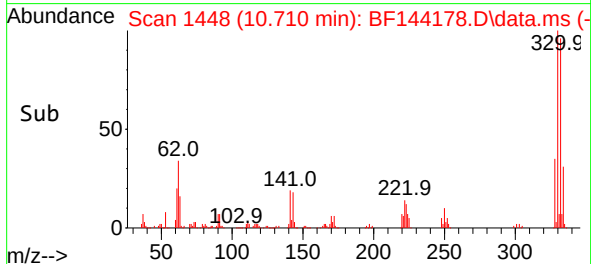
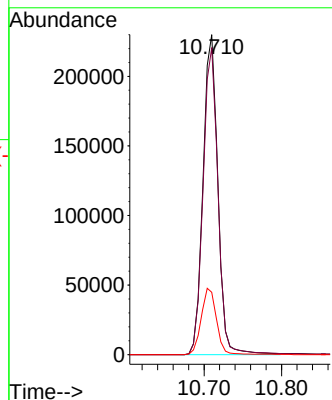


#42
 2,4,6-Tribromophenol
 Concen: 131.923 ng
 RT: 10.710 min Scan# 1448
 Delta R.T. -0.006 min
 Lab File: BF144178.D
 Acq: 05 Nov 2025 18:10

Instrument :
 BNA_F
 ClientSampleId :
 PB170372BL

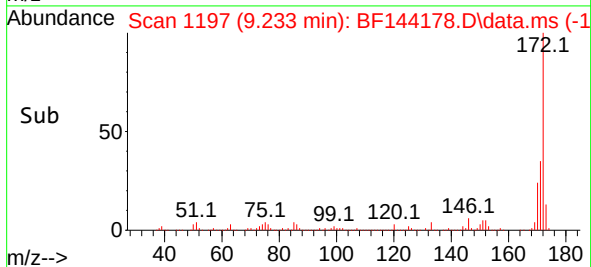
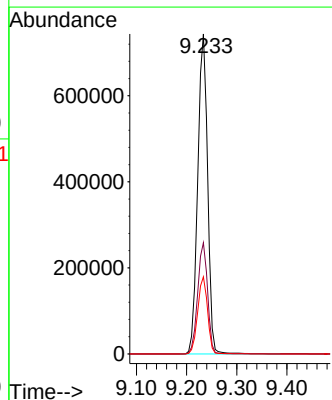
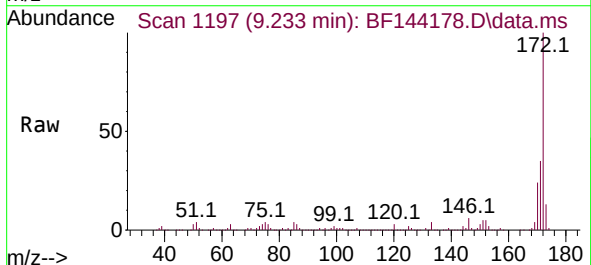


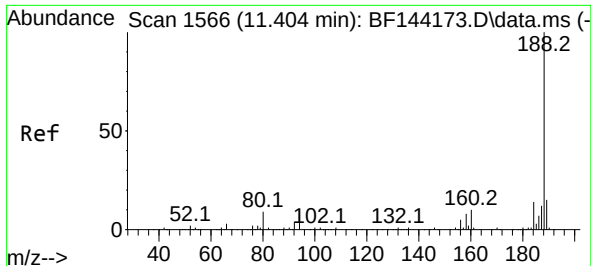
Tgt Ion: 330 Resp: 305142
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.7 115.1
 141 21.2 17.8 26.8



#45
 2-Fluorobiphenyl
 Concen: 81.357 ng
 RT: 9.233 min Scan# 1197
 Delta R.T. -0.006 min
 Lab File: BF144178.D
 Acq: 05 Nov 2025 18:10

Tgt Ion: 172 Resp: 1015341
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.1 42.1
 170 24.1 18.6 28.0

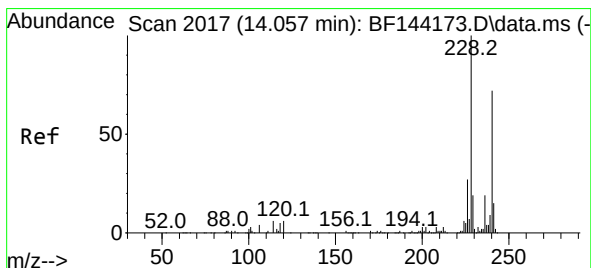
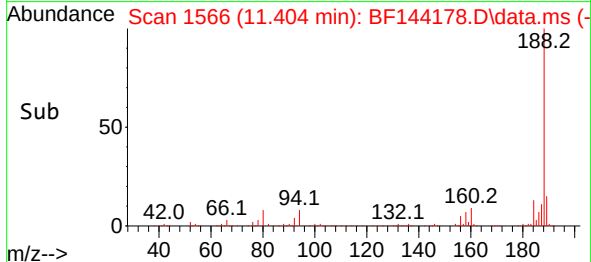
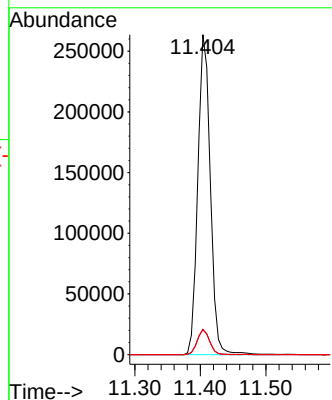
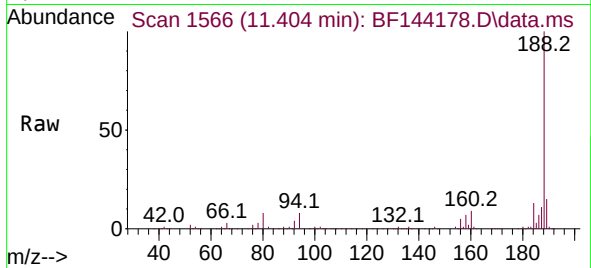




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144178.D
Acq: 05 Nov 2025 18:10

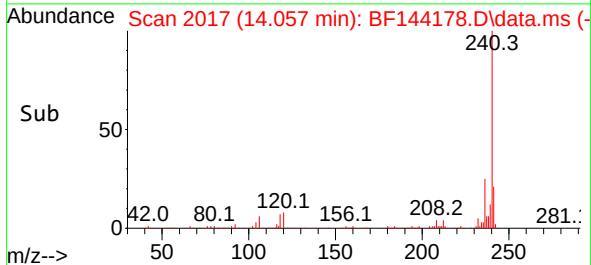
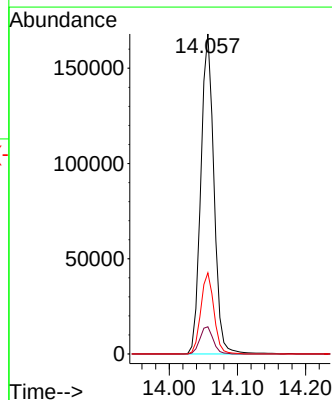
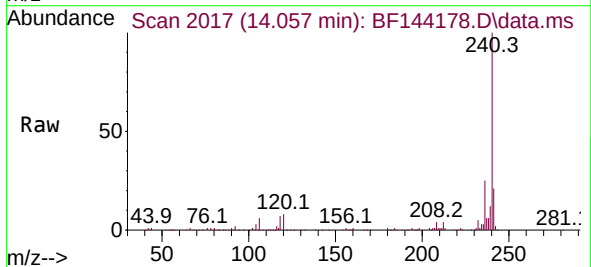
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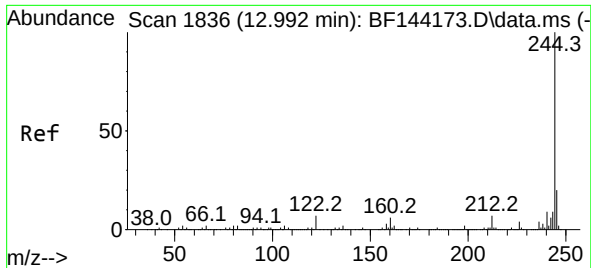
Tgt Ion:188 Resp: 347917
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.2
80 7.7 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BF144178.D
Acq: 05 Nov 2025 18:10

Tgt Ion:240 Resp: 224496
Ion Ratio Lower Upper
240 100
120 8.5 6.6 10.0
236 25.3 21.4 32.2

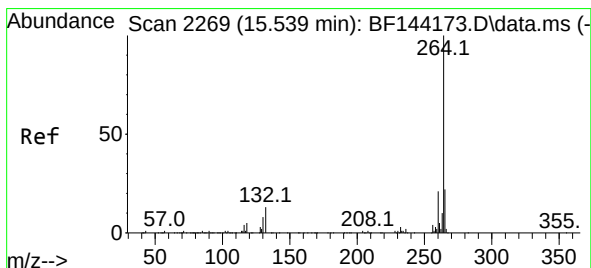
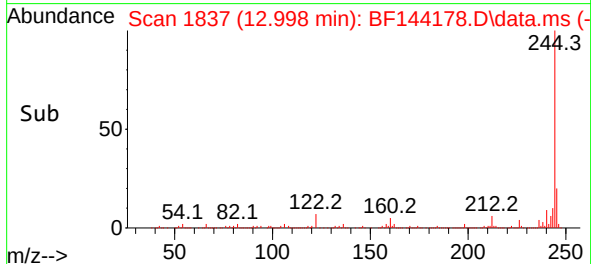
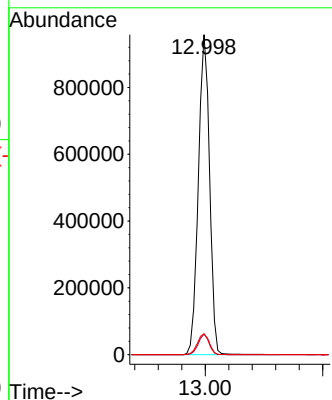
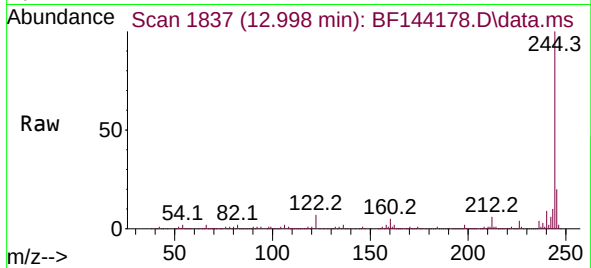




#79
 Terphenyl-d14
 Concen: 89.419 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF144178.D
 Acq: 05 Nov 2025 18:10

Instrument :
 BNA_F
 ClientSampleId :
 PB170372BL

Tgt Ion:244 Resp: 1263801
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 6.5 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF144178.D
 Acq: 05 Nov 2025 18:10

Tgt Ion:264 Resp: 230236
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.1 25.7
 265 22.4 17.4 26.0

