

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111725\
 Data File : BF144264.D
 Acq On : 17 Nov 2025 13:21
 Operator : RC/JU
 Sample : PB170576BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170576BL

Quant Time: Nov 17 14:44:28 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 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	66285	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	255338	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	147126	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	272429	20.000	ng	0.00
76) Chrysene-d12	14.045	240	161260	20.000	ng	0.00
86) Perylene-d12	15.527	264	184176	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	529027	124.894	ng	0.00
7) Phenol-d6	6.498	99	597166	124.422	ng	0.00
23) Nitrobenzene-d5	7.428	82	394203	89.165	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	261487	141.631	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	846170	84.943	ng	0.00
79) Terphenyl-d14	12.986	244	997522	98.256	ng	0.00

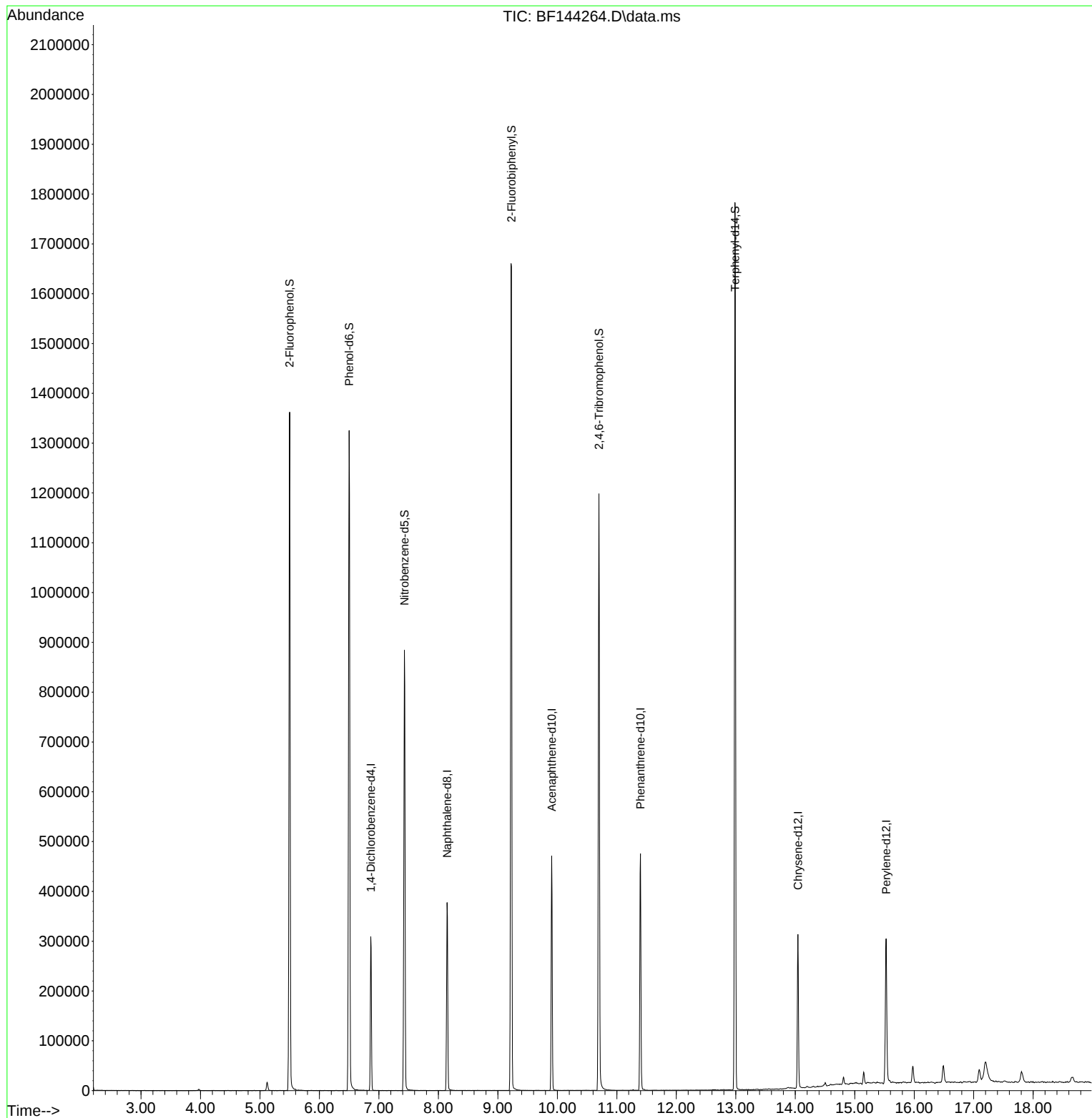
Target Compounds	Qvalue

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

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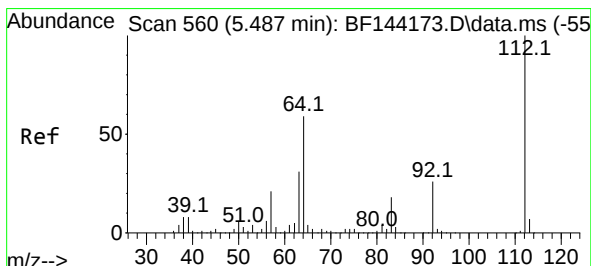
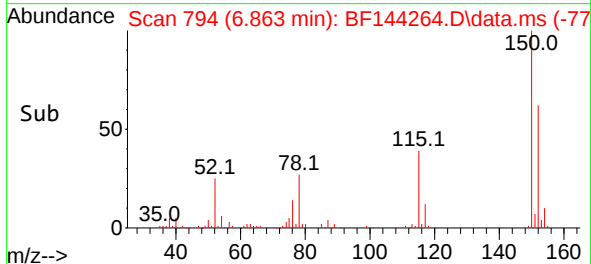
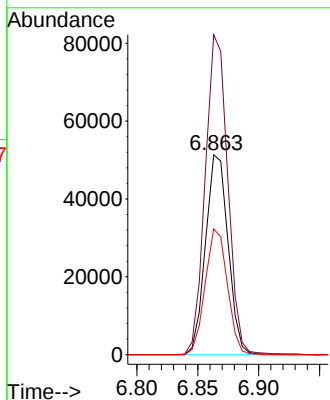
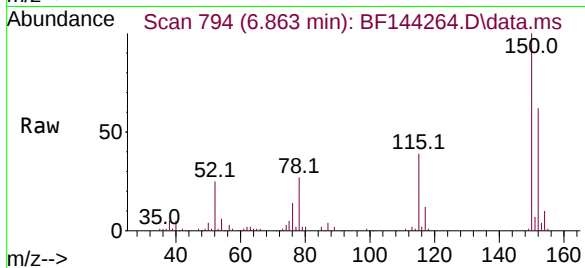




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144264.D
Acq: 17 Nov 2025 13:21

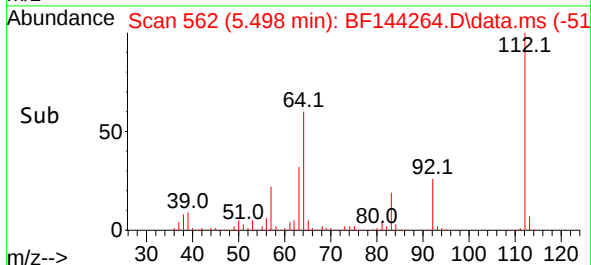
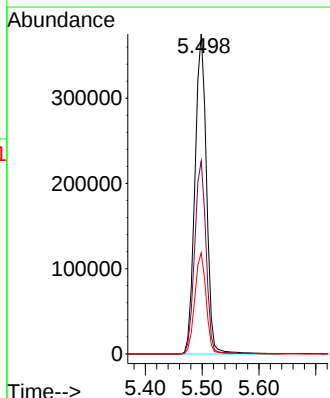
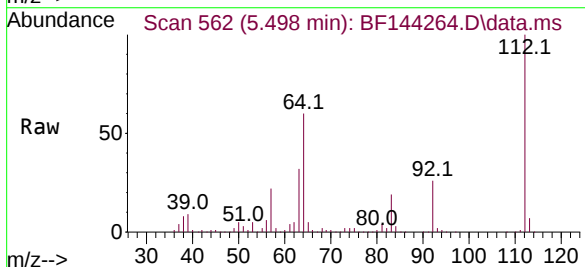
Instrument :
BNA_F
ClientSampleId :
PB170576BL

Tgt Ion:152 Resp: 66285
Ion Ratio Lower Upper
152 100
150 160.2 127.4 191.0
115 62.9 49.5 74.3



#5
2-Fluorophenol
Concen: 124.894 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144264.D
Acq: 17 Nov 2025 13:21

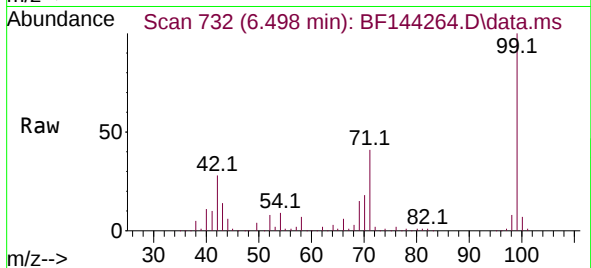
Tgt Ion:112 Resp: 529027
Ion Ratio Lower Upper
112 100
64 60.3 47.2 70.8
63 31.6 24.4 36.6



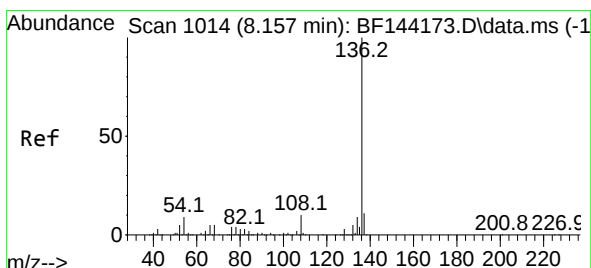
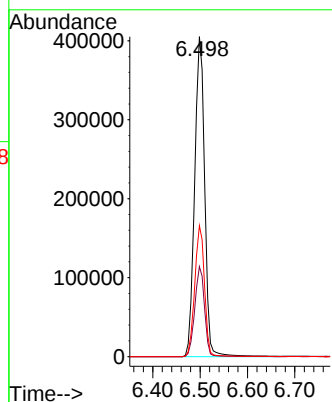
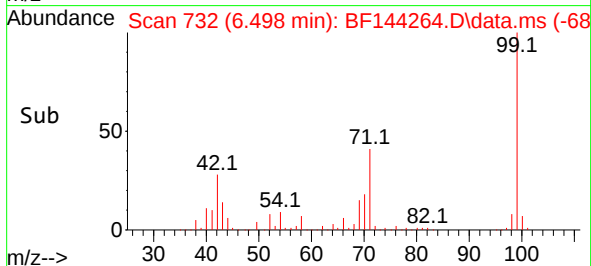


#7
Phenol-d6
Concen: 124.422 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF144264.D
Acq: 17 Nov 2025 13:21

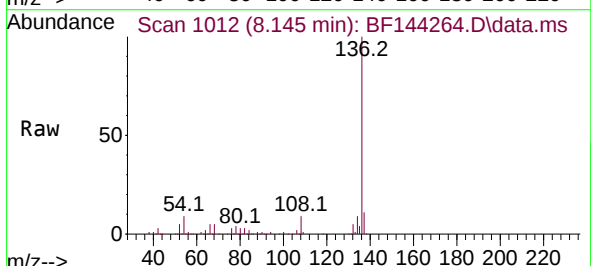
Instrument :
BNA_F
ClientSampleId :
PB170576BL



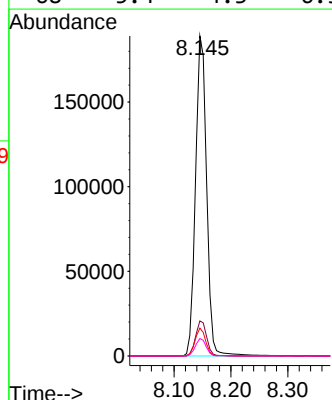
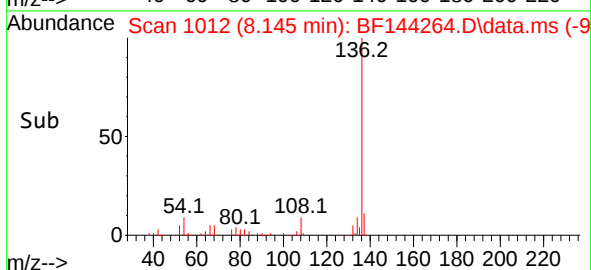
Tgt Ion: 99 Resp: 597166
Ion Ratio Lower Upper
99 100
42 28.1 20.9 31.3
71 40.9 31.4 47.2

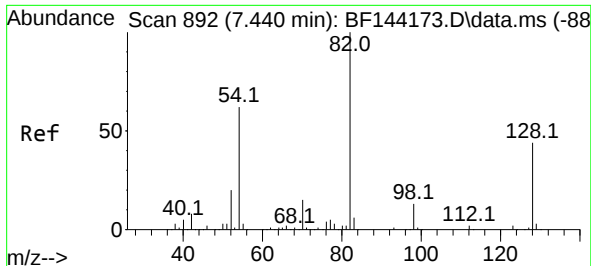


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144264.D
Acq: 17 Nov 2025 13:21



Tgt Ion: 136 Resp: 255338
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.7 7.0 10.6
68 5.4 4.3 6.5





#23

Nitrobenzene-d5

Concen: 89.165 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144264.D

Acq: 17 Nov 2025 13:21

Instrument :

BNA_F

ClientSampleId :

PB170576BL

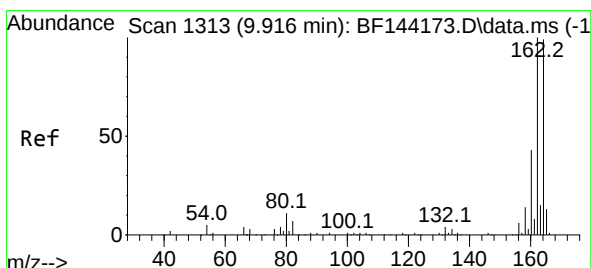
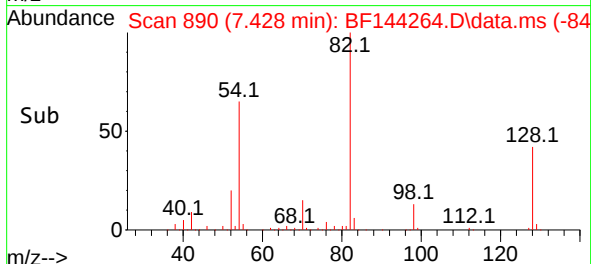
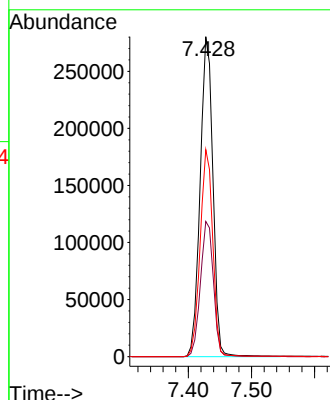
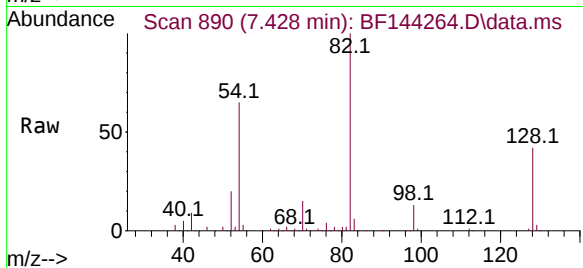
Tgt Ion: 82 Resp: 394203

Ion Ratio Lower Upper

82 100

128 42.2 34.7 52.1

54 64.7 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BF144264.D

Acq: 17 Nov 2025 13:21

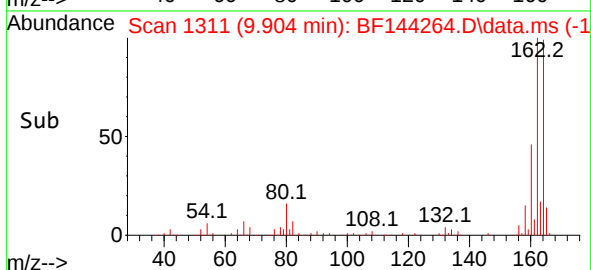
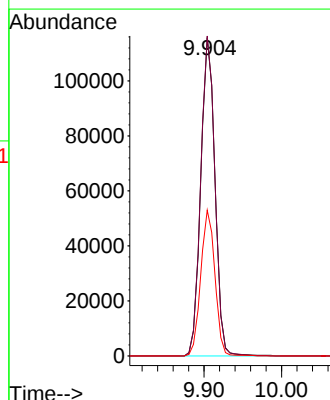
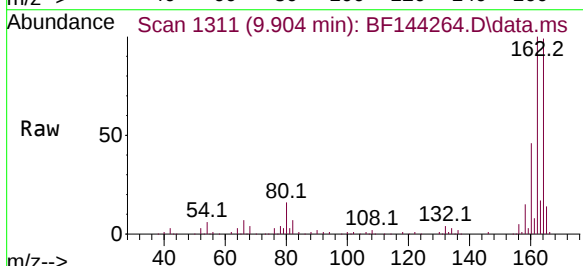
Tgt Ion:164 Resp: 147126

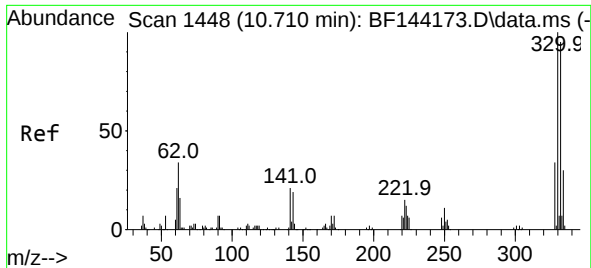
Ion Ratio Lower Upper

164 100

162 100.5 81.1 121.7

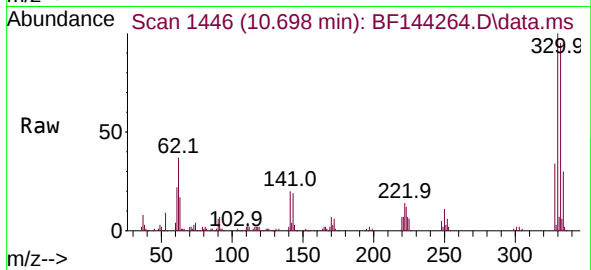
160 45.8 34.5 51.7



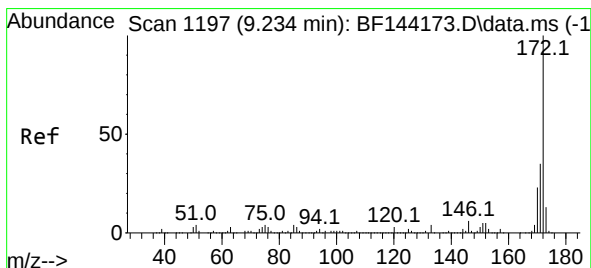
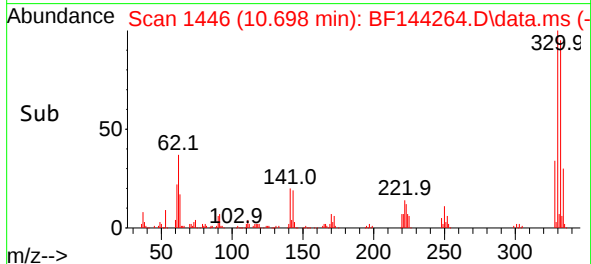
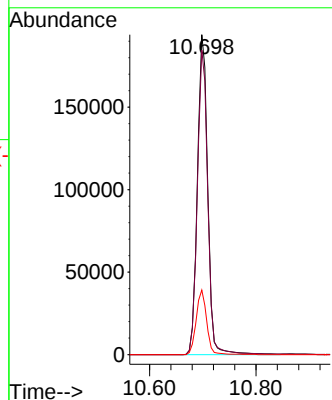


#42
 2,4,6-Tribromophenol
 Concen: 141.631 ng
 RT: 10.698 min Scan# 1446
 Delta R.T. -0.006 min
 Lab File: BF144264.D
 Acq: 17 Nov 2025 13:21

Instrument :
 BNA_F
 ClientSampleId :
 PB170576BL

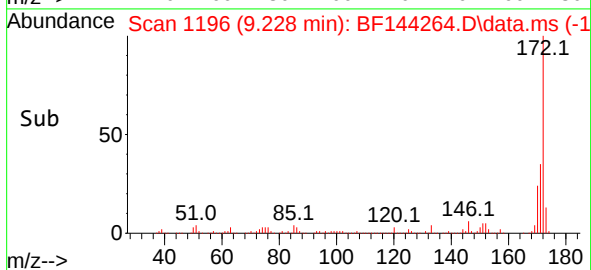
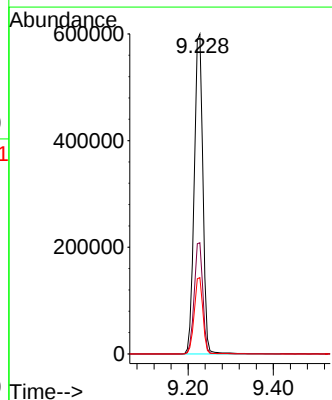
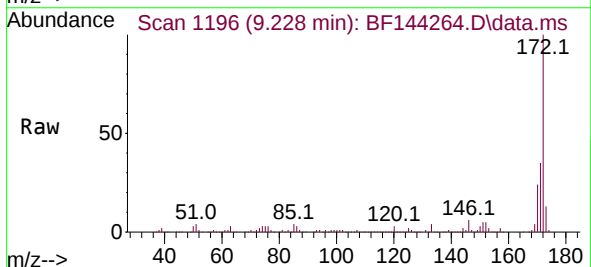


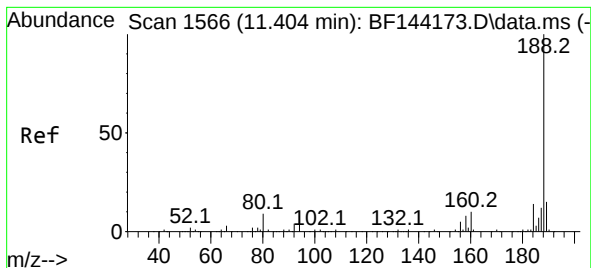
Tgt Ion: 330 Resp: 261487
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.7 115.1
 141 20.5 17.8 26.8



#45
 2-Fluorobiphenyl
 Concen: 84.943 ng
 RT: 9.228 min Scan# 1196
 Delta R.T. -0.000 min
 Lab File: BF144264.D
 Acq: 17 Nov 2025 13:21

Tgt Ion: 172 Resp: 846170
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.1 42.1
 170 23.8 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144264.D

Acq: 17 Nov 2025 13:21

Instrument :

BNA_F

ClientSampleId :

PB170576BL

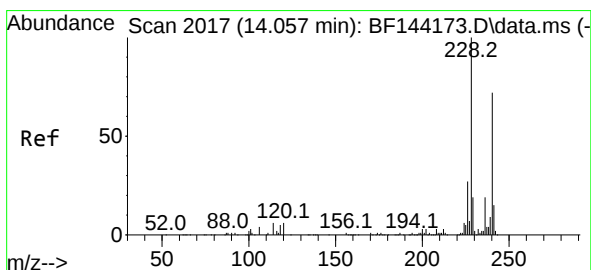
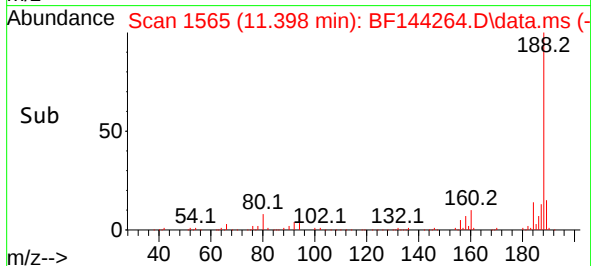
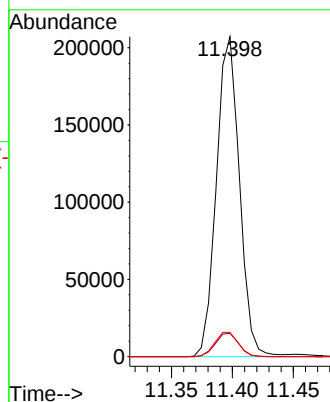
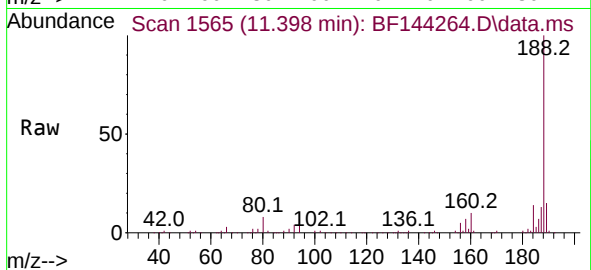
Tgt Ion:188 Resp: 272429

Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.2

80 7.6 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144264.D

Acq: 17 Nov 2025 13:21

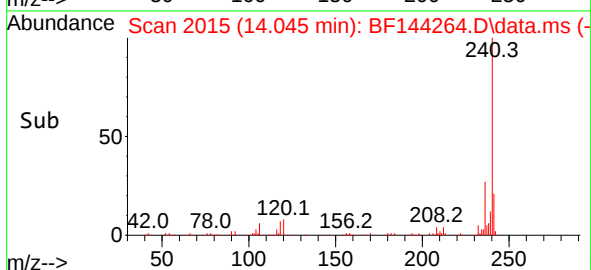
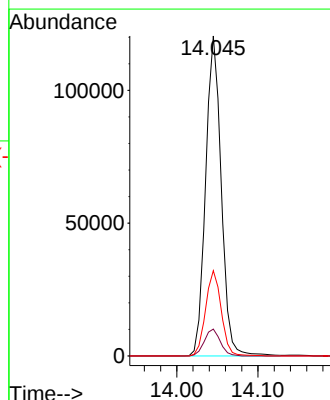
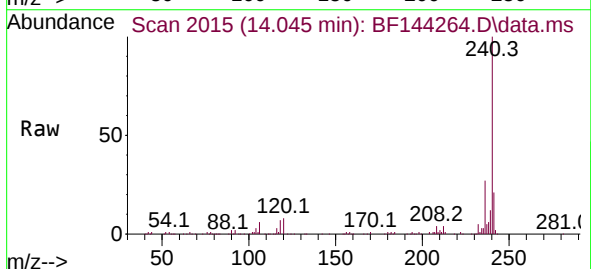
Tgt Ion:240 Resp: 161260

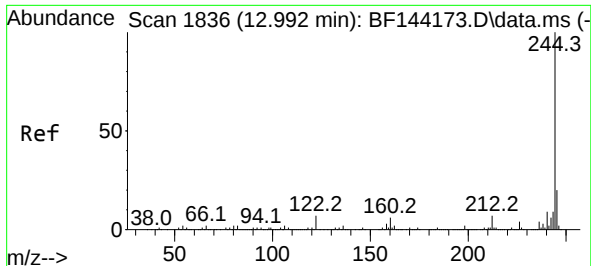
Ion Ratio Lower Upper

240 100

120 8.4 6.6 10.0

236 26.6 21.4 32.2

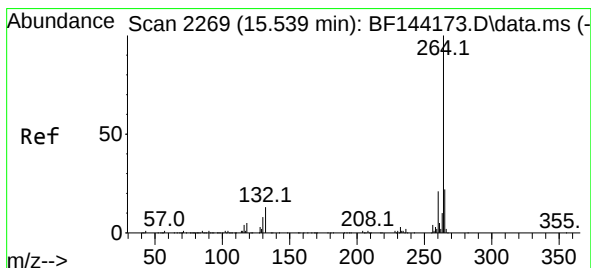
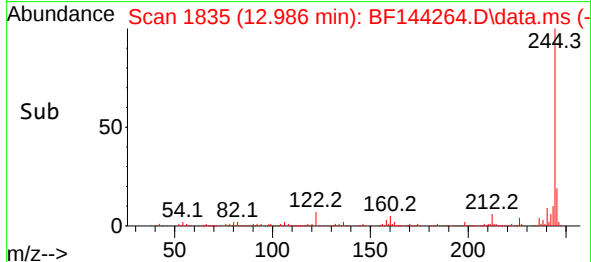
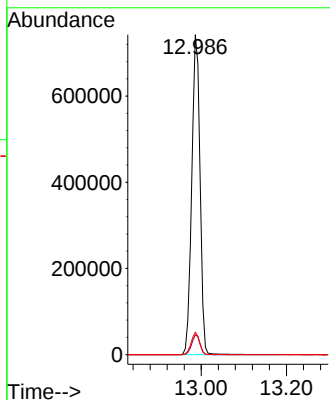
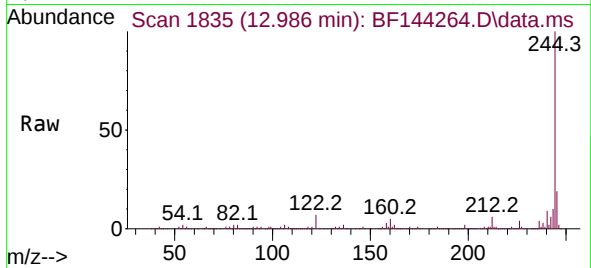




#79
 Terphenyl-d14
 Concen: 98.256 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BF144264.D
 Acq: 17 Nov 2025 13:21

Instrument :
 BNA_F
 ClientSampleId :
 PB170576BL

Tgt Ion:244 Resp: 997522
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.3 7.9
 122 7.0 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2267
 Delta R.T. -0.012 min
 Lab File: BF144264.D
 Acq: 17 Nov 2025 13:21

Tgt Ion:264 Resp: 184176
 Ion Ratio Lower Upper
 264 100
 260 22.1 17.1 25.7
 265 21.2 17.4 26.0

