

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144216.D
 Acq On : 11 Nov 2025 21:57
 Operator : RC/JU
 Sample : Q3601-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Nov 12 03:46:37 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	6.875	152	76938	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	305334	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	181922	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	344628	20.000	ng	0.00
76) Chrysene-d12	14.057	240	225038	20.000	ng	0.00
86) Perylene-d12	15.539	264	189086	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	584253	118.834	ng	0.02
7) Phenol-d6	6.504	99	641256	115.109	ng	0.00
23) Nitrobenzene-d5	7.434	82	465705	88.090	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	335821	147.102	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	997681	80.997	ng	0.00
79) Terphenyl-d14	12.998	244	1308215	92.339	ng	0.00

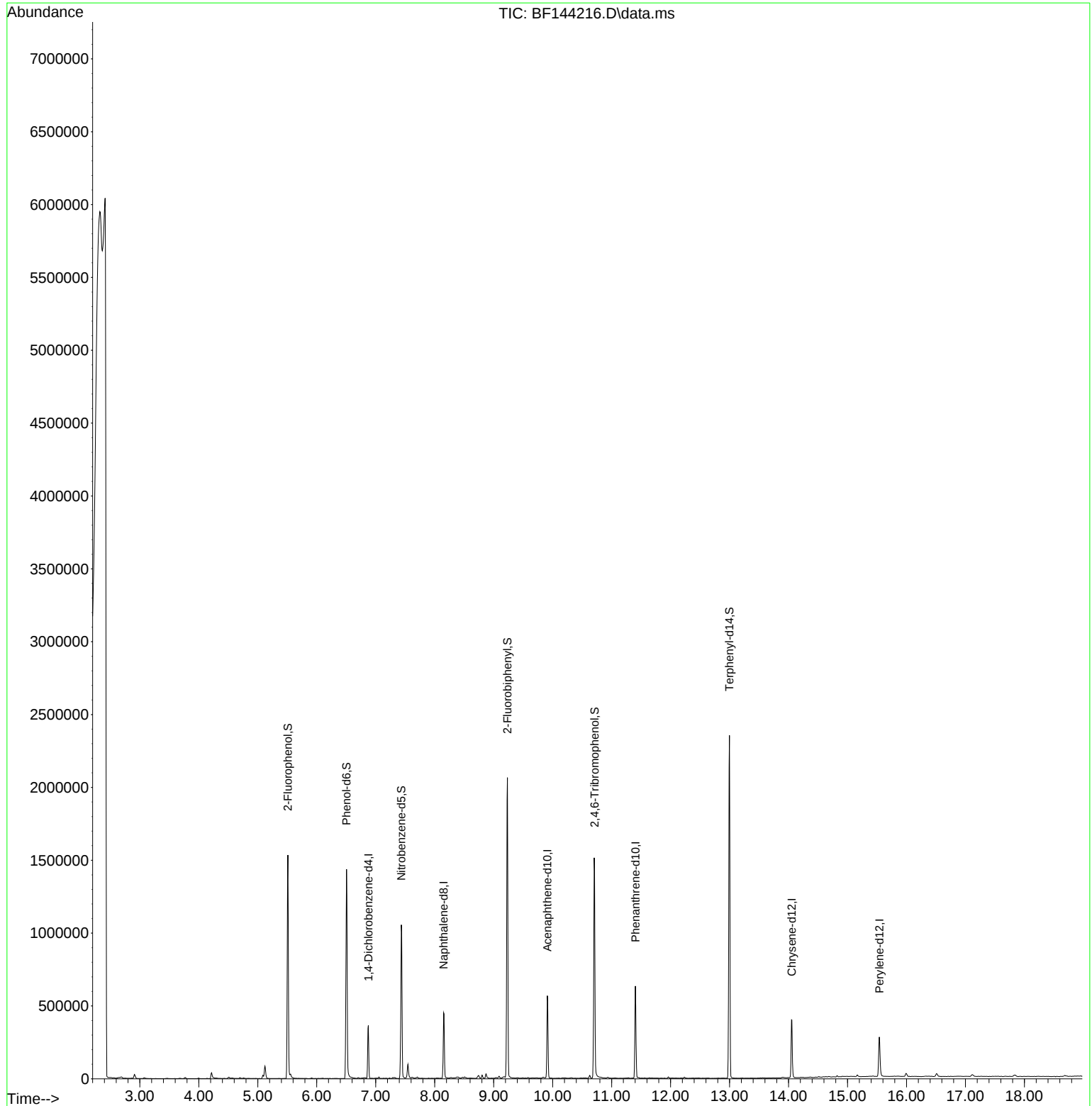
Target Compounds	Qvalue

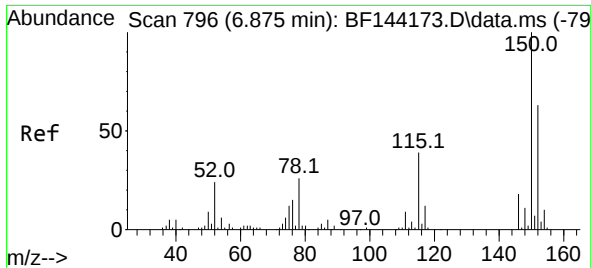
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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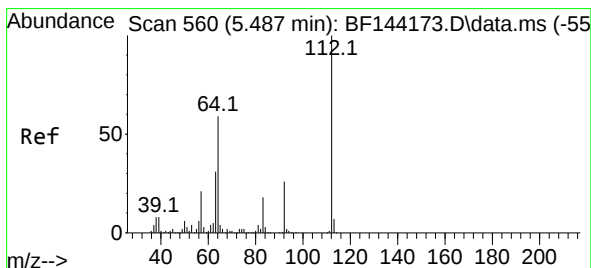
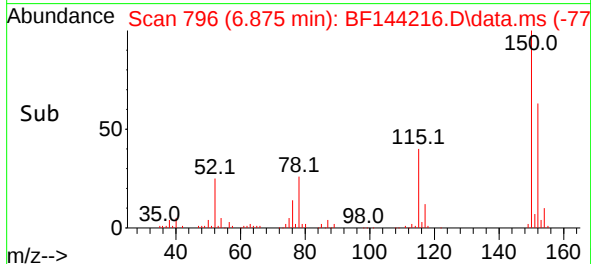
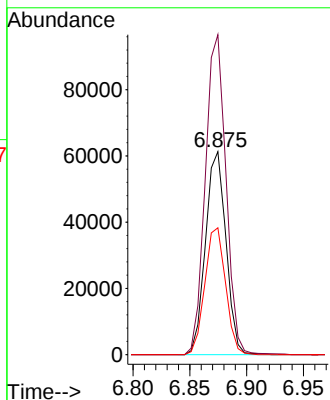
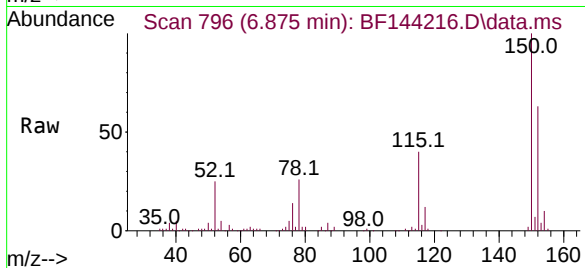




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF144216.D
Acq: 11 Nov 2025 21:57

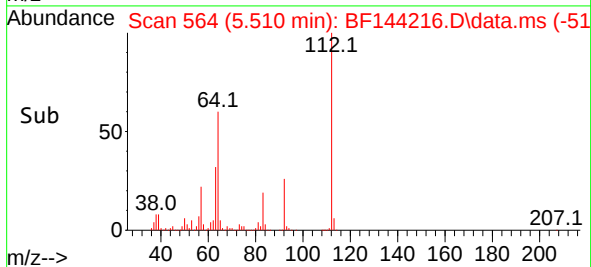
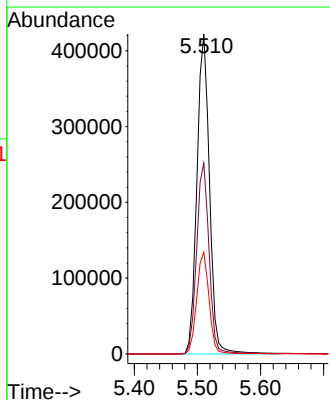
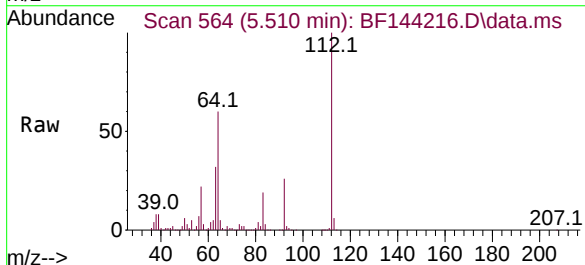
Instrument :
BNA_F
ClientSampleId :
TP-2

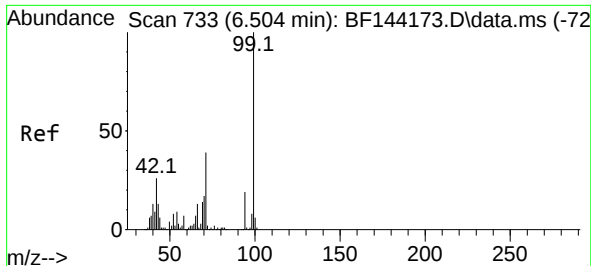
Tgt Ion:152 Resp: 76938
Ion Ratio Lower Upper
152 100
150 157.6 127.4 191.0
115 62.5 49.5 74.3



#5
2-Fluorophenol
Concen: 118.834 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.017 min
Lab File: BF144216.D
Acq: 11 Nov 2025 21:57

Tgt Ion:112 Resp: 584253
Ion Ratio Lower Upper
112 100
64 59.6 47.2 70.8
63 31.7 24.4 36.6

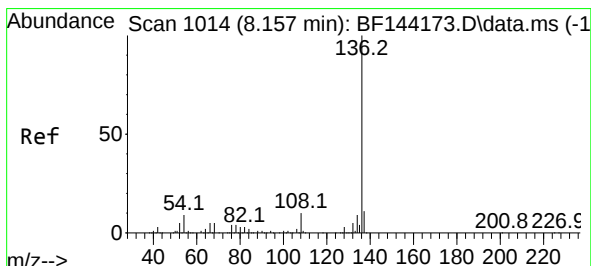
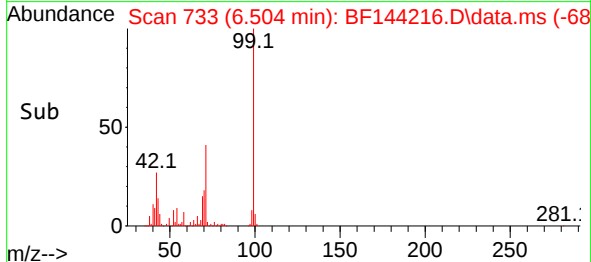
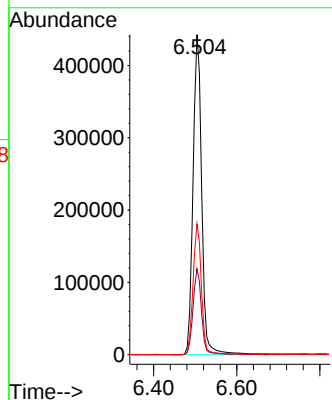
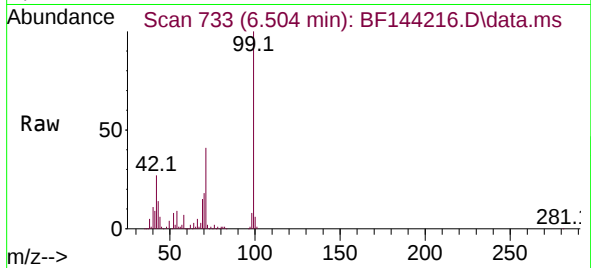




#7
Phenol-d6
Concen: 115.109 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF144216.D
Acq: 11 Nov 2025 21:57

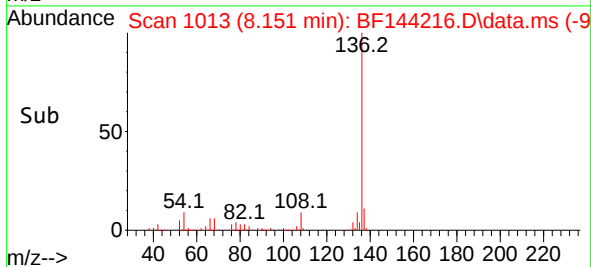
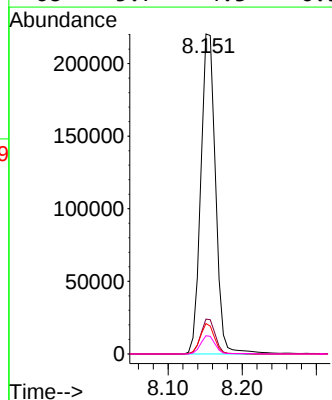
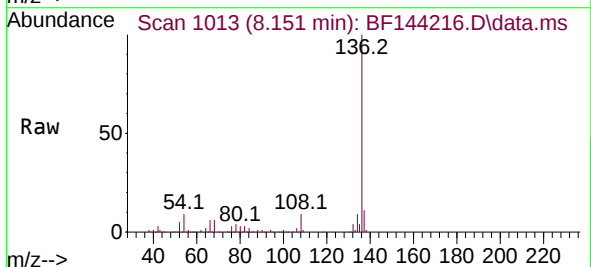
Instrument :
BNA_F
ClientSampleId :
TP-2

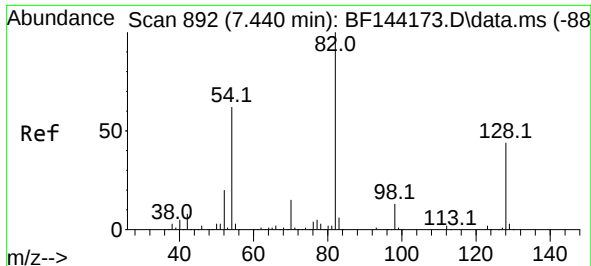
Tgt Ion: 99	Resp: 641256
Ion Ratio	Lower Upper
99 100	
42 26.8	20.9 31.3
71 40.9	31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF144216.D
Acq: 11 Nov 2025 21:57

Tgt	Ion:136	Resp:	305334
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.5	7.0	10.6
68	5.7	4.3	6.5





#23

Nitrobenzene-d5

Concen: 88.090 ng

RT: 7.434 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF144216.D

Acq: 11 Nov 2025 21:57

Instrument :

BNA_F

ClientSampleId :

TP-2

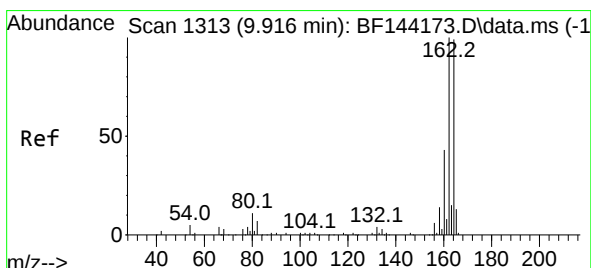
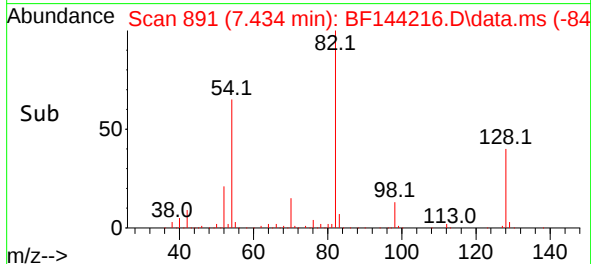
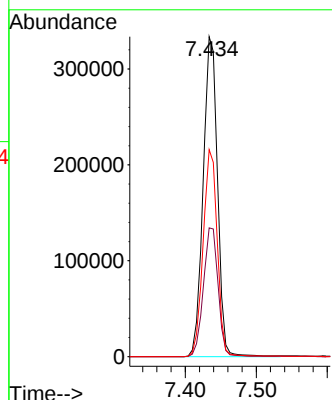
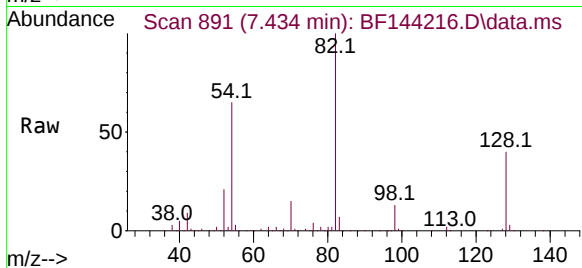
Tgt Ion: 82 Resp: 465705

Ion Ratio Lower Upper

82 100

128 40.2 34.7 52.1

54 64.7 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1312

Delta R.T. -0.006 min

Lab File: BF144216.D

Acq: 11 Nov 2025 21:57

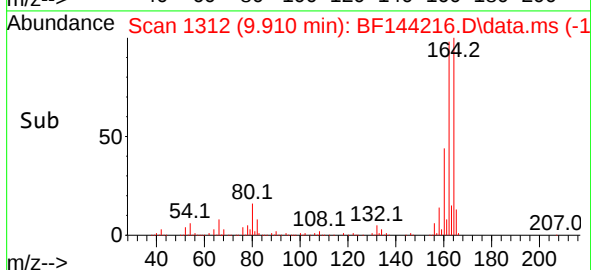
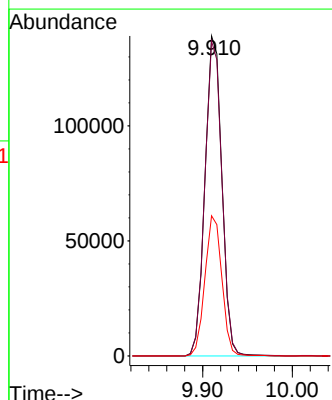
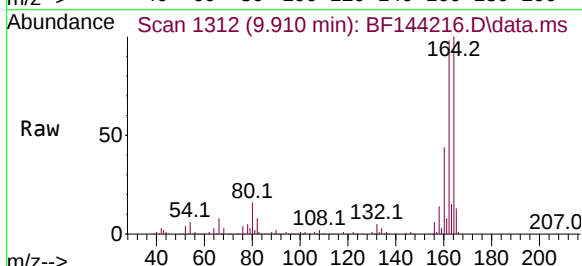
Tgt Ion: 164 Resp: 181922

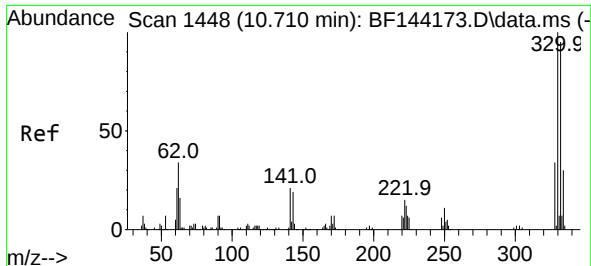
Ion Ratio Lower Upper

164 100

162 98.4 81.1 121.7

160 43.8 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 147.102 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.006 min

Lab File: BF144216.D

Acq: 11 Nov 2025 21:57

Instrument :

BNA_F

ClientSampleId :

TP-2

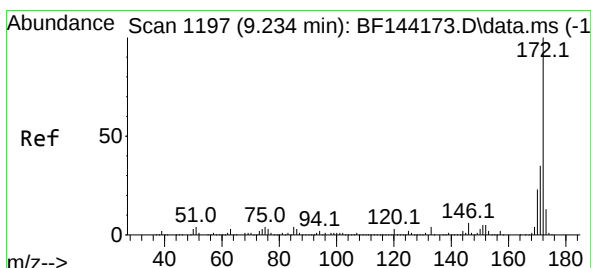
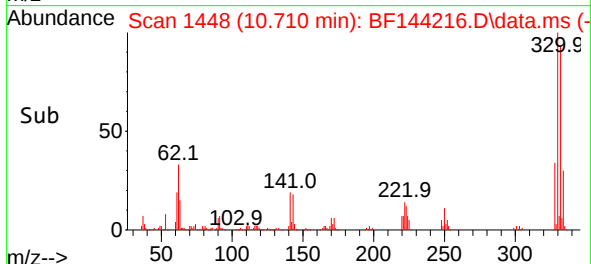
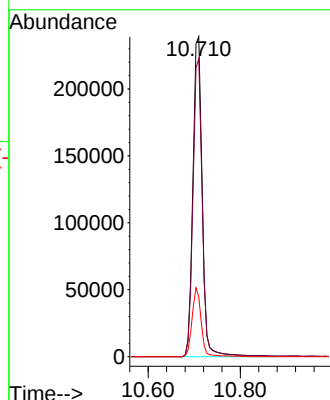
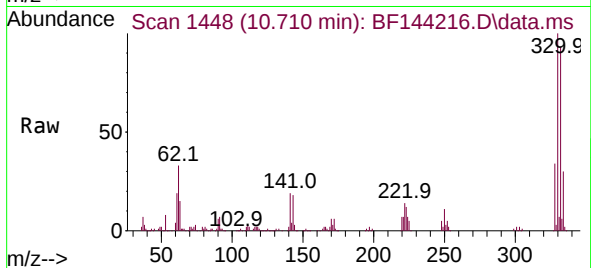
Tgt Ion:330 Resp: 335821

Ion Ratio Lower Upper

330 100

332 93.4 76.7 115.1

141 21.1 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 80.997 ng

RT: 9.233 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF144216.D

Acq: 11 Nov 2025 21:57

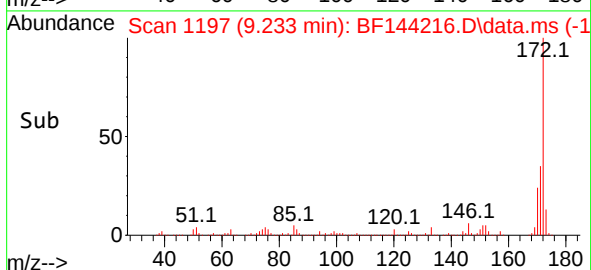
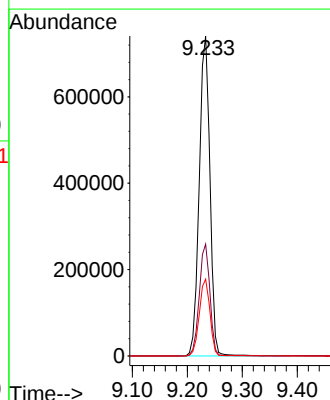
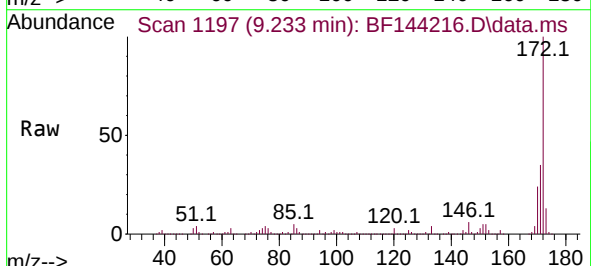
Tgt Ion:172 Resp: 997681

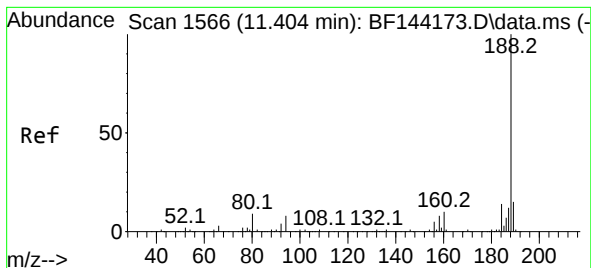
Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 24.0 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF144216.D

Acq: 11 Nov 2025 21:57

Instrument :

BNA_F

ClientSampleId :

TP-2

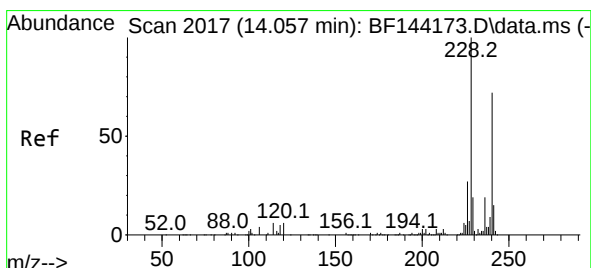
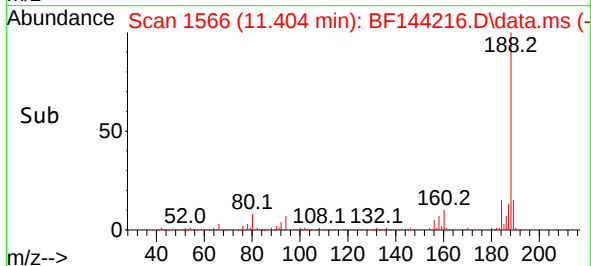
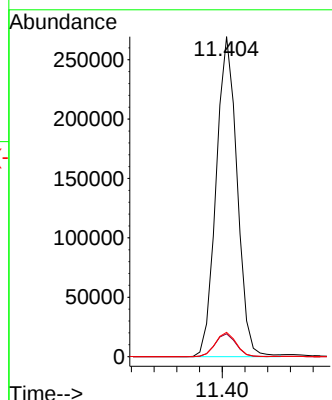
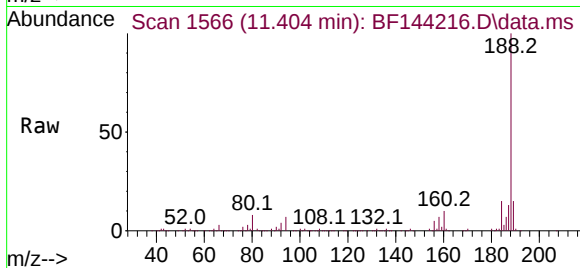
Tgt Ion:188 Resp: 344628

Ion Ratio Lower Upper

188 100

94 7.1 6.2 9.2

80 7.6 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.006 min

Lab File: BF144216.D

Acq: 11 Nov 2025 21:57

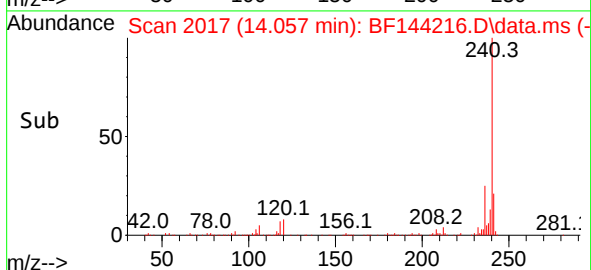
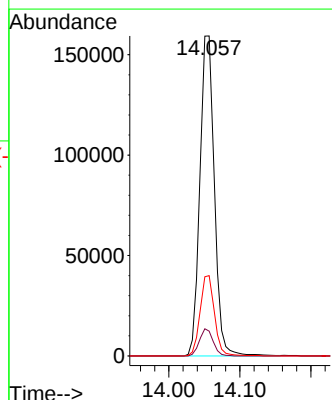
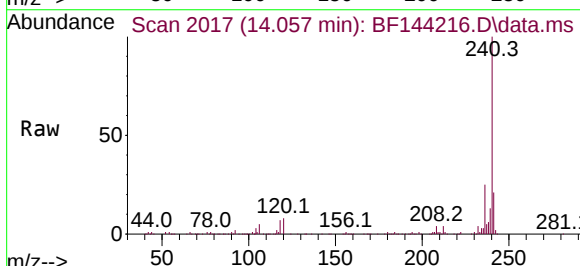
Tgt Ion:240 Resp: 225038

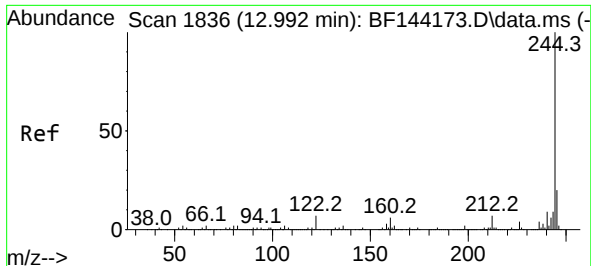
Ion Ratio Lower Upper

240 100

120 7.7 6.6 10.0

236 25.1 21.4 32.2





#79

Terphenyl-d14

Concen: 92.339 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.006 min

Lab File: BF144216.D

Acq: 11 Nov 2025 21:57

Instrument :

BNA_F

ClientSampleId :

TP-2

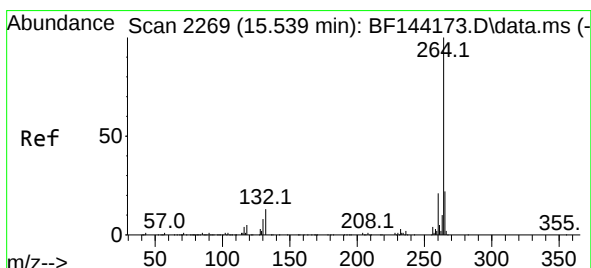
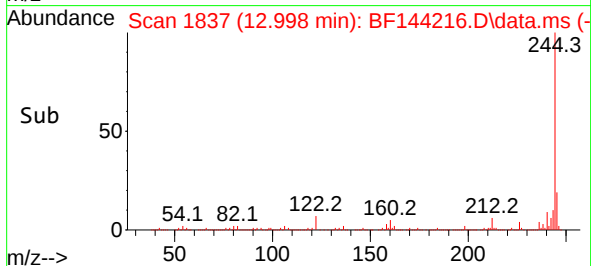
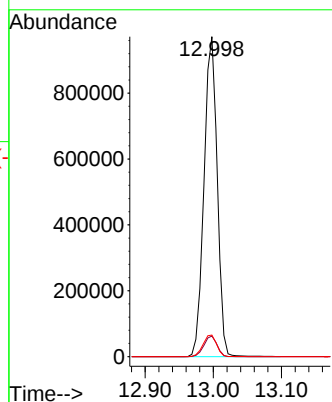
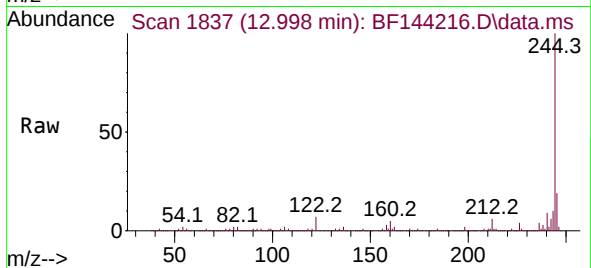
Tgt Ion:244 Resp: 1308215

Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

122 6.7 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF144216.D

Acq: 11 Nov 2025 21:57

Tgt Ion:264 Resp: 189086

Ion Ratio Lower Upper

264 100

260 21.2 17.1 25.7

265 20.0 17.4 26.0

