

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144202.D
 Acq On : 11 Nov 2025 14:39
 Operator : RC/JU
 Sample : Q3584-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-2

Quant Time: Nov 11 14:59:28 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	6.875	152	61823	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	239622	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	129099	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	212852	20.000	ng	0.00
76) Chrysene-d12	14.057	240	168567	20.000	ng	0.00
86) Perylene-d12	15.539	264	214547	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	292737	74.098	ng	0.00
7) Phenol-d6	6.498	99	225988	50.484	ng	0.00
23) Nitrobenzene-d5	7.433	82	371283	89.489	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	201560	124.416	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	743660	85.077	ng	0.00
79) Terphenyl-d14	12.998	244	776348	73.155	ng	0.00

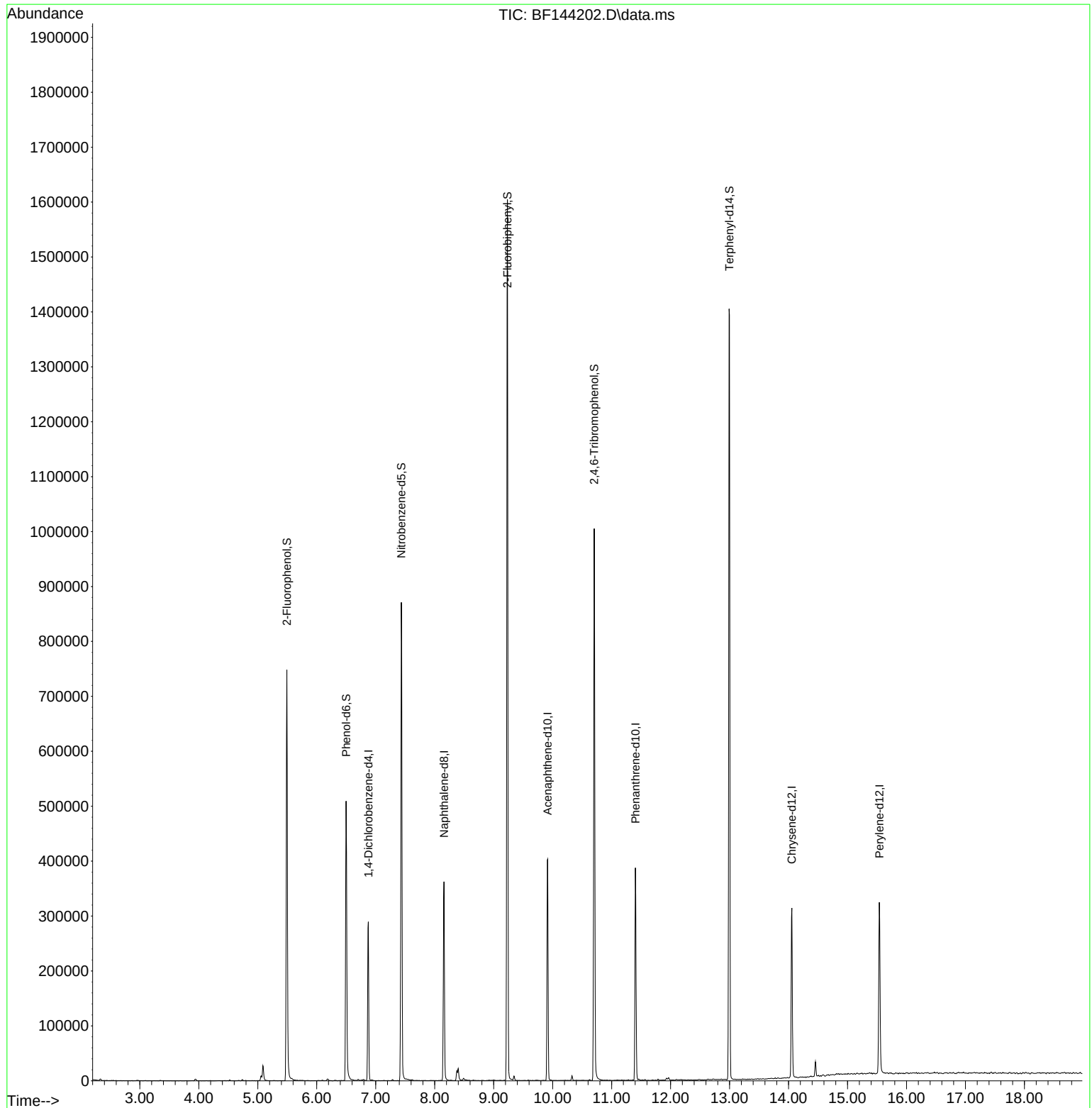
Target Compounds	Qvalue

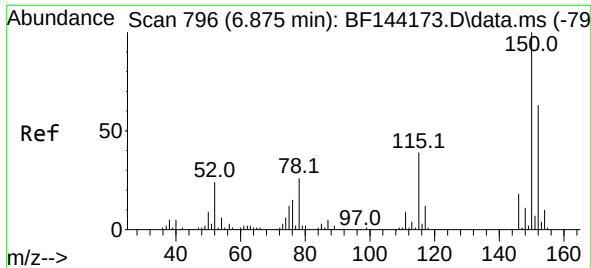
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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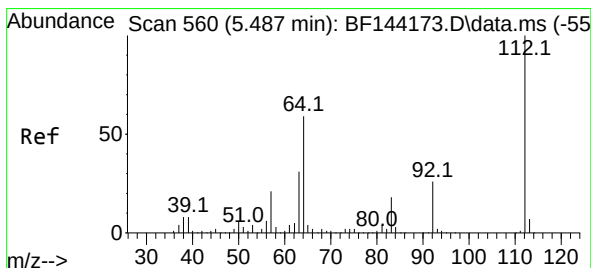
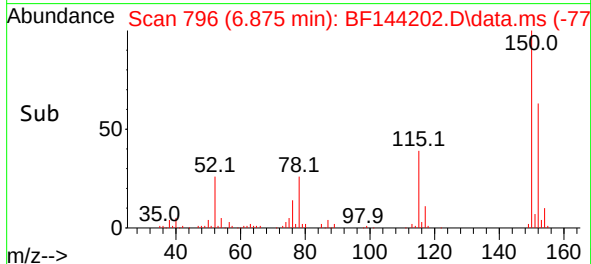
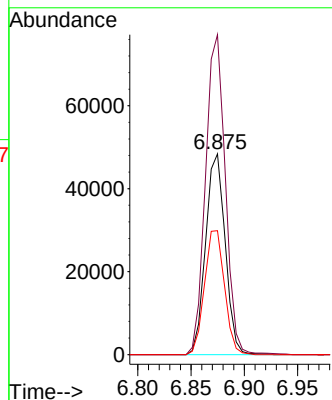
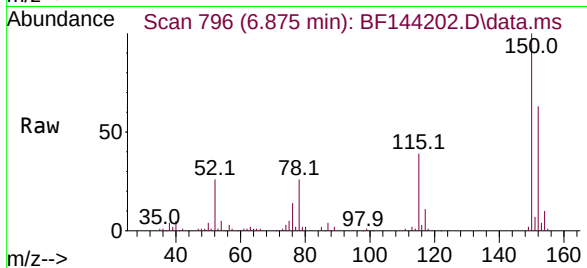




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

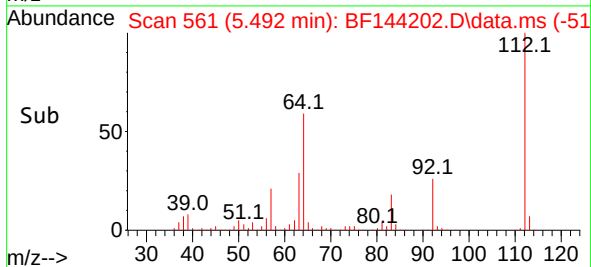
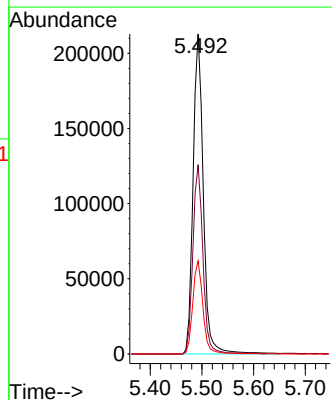
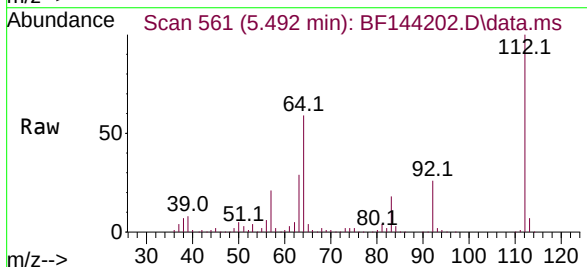
Instrument :
BNA_F
ClientSampleId :
FB-2

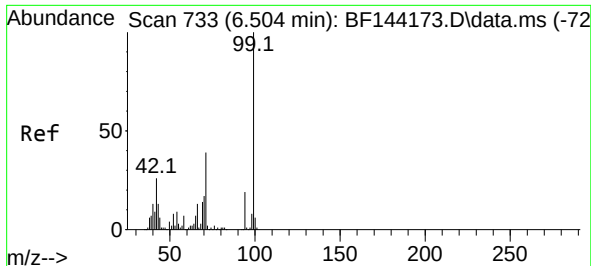
Tgt Ion:152 Resp: 61823
Ion Ratio Lower Upper
152 100
150 159.5 127.4 191.0
115 61.8 49.5 74.3



#5
2-Fluorophenol
Concen: 74.098 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Tgt Ion:112 Resp: 292737
Ion Ratio Lower Upper
112 100
64 59.1 47.2 70.8
63 29.1 24.4 36.6

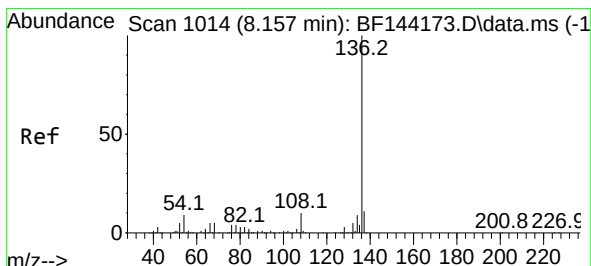
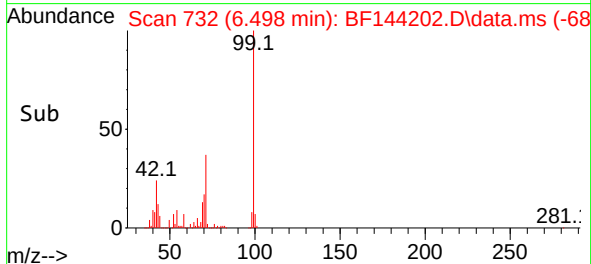
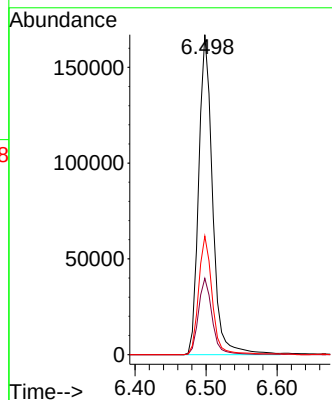
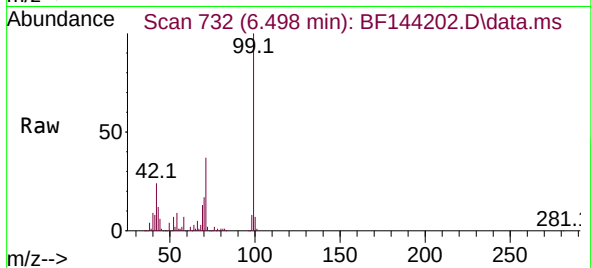




#7
Phenol-d6
Concen: 50.484 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

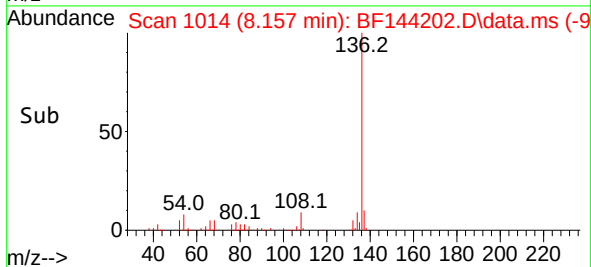
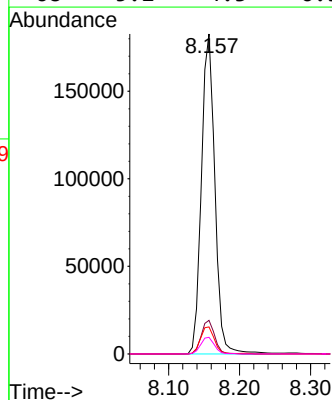
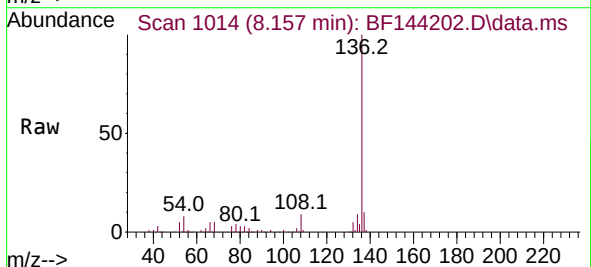
Instrument :
BNA_F
ClientSampleId :
FB-2

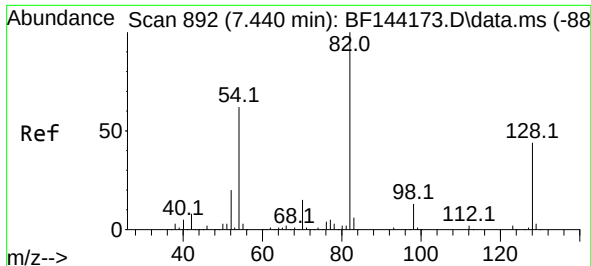
Tgt Ion: 99 Resp: 225988
Ion Ratio Lower Upper
99 100
42 23.8 20.9 31.3
71 37.0 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Tgt Ion: 136 Resp: 239622
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.4 7.0 10.6
68 5.2 4.3 6.5





#23

Nitrobenzene-d5

Concen: 89.489 ng

RT: 7.433 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF144202.D

Acq: 11 Nov 2025 14:39

Instrument :

BNA_F

ClientSampleId :

FB-2

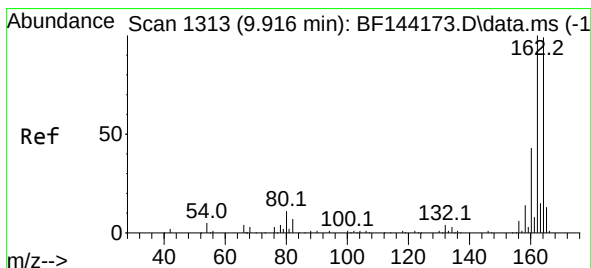
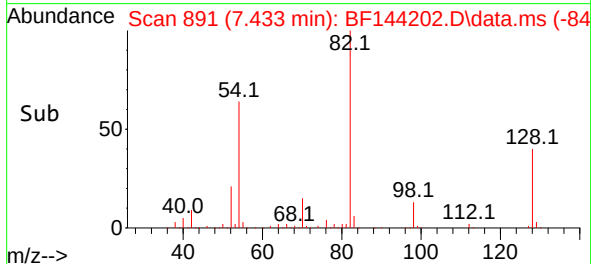
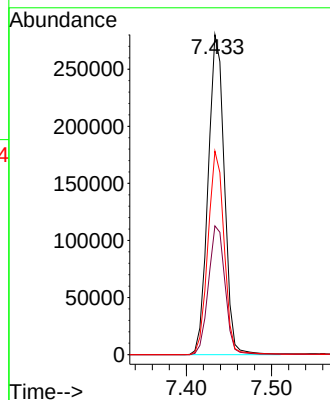
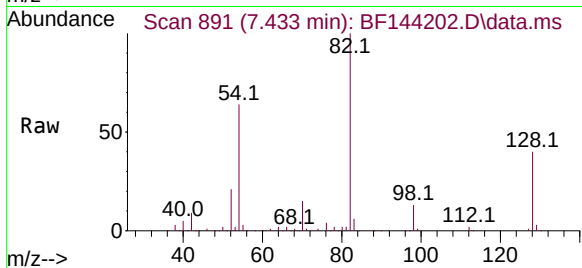
Tgt Ion: 82 Resp: 371283

Ion Ratio Lower Upper

82 100

128 40.2 34.7 52.1

54 63.6 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: BF144202.D

Acq: 11 Nov 2025 14:39

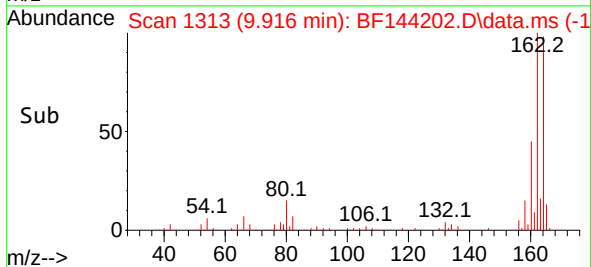
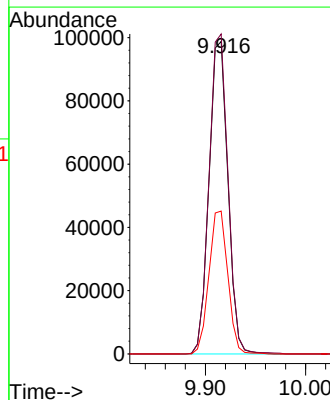
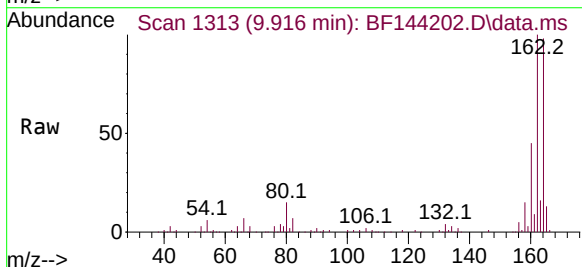
Tgt Ion:164 Resp: 129099

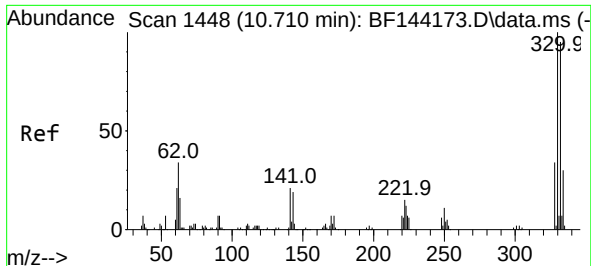
Ion Ratio Lower Upper

164 100

162 102.4 81.1 121.7

160 45.7 34.5 51.7

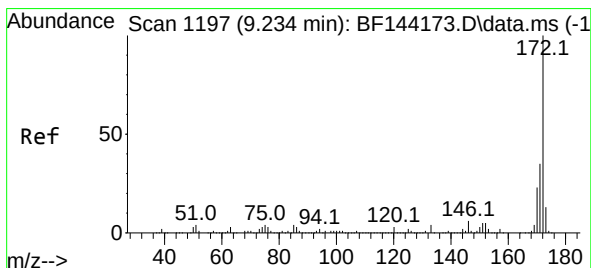
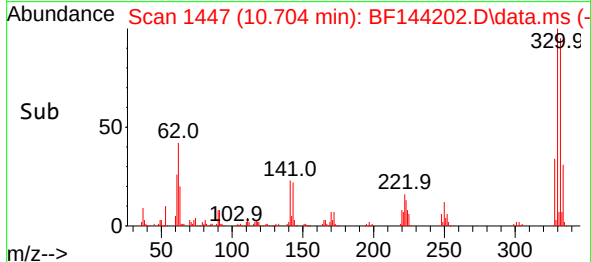
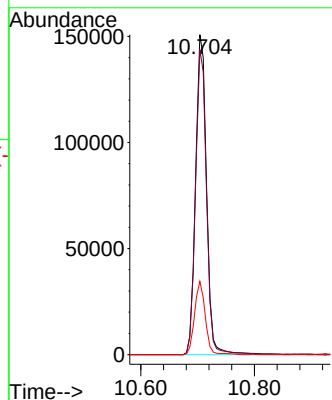
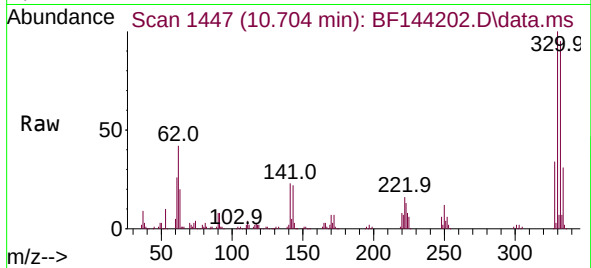




#42
2,4,6-Tribromophenol
Concen: 124.416 ng
RT: 10.704 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

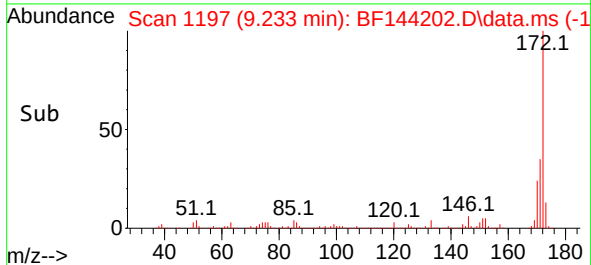
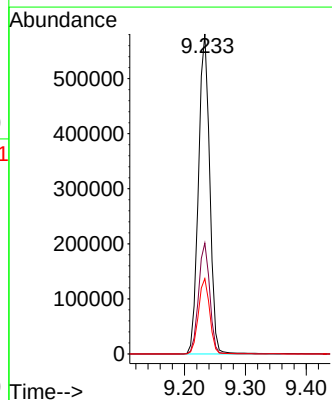
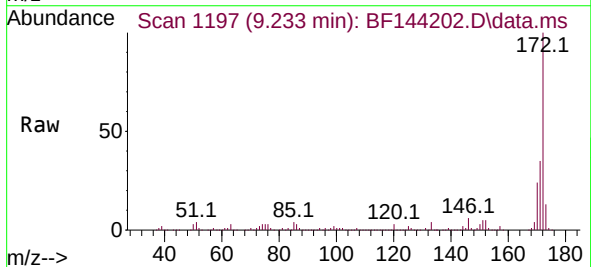
Instrument :
BNA_F
ClientSampleId :
FB-2

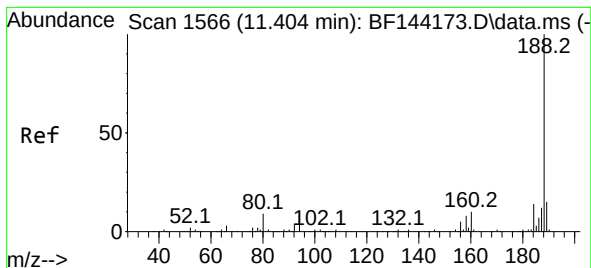
Tgt Ion:330 Resp: 201560
Ion Ratio Lower Upper
330 100
332 94.9 76.7 115.1
141 22.2 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 85.077 ng
RT: 9.233 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Tgt Ion:172 Resp: 743660
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.5 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144202.D

Acq: 11 Nov 2025 14:39

Instrument :

BNA_F

ClientSampleId :

FB-2

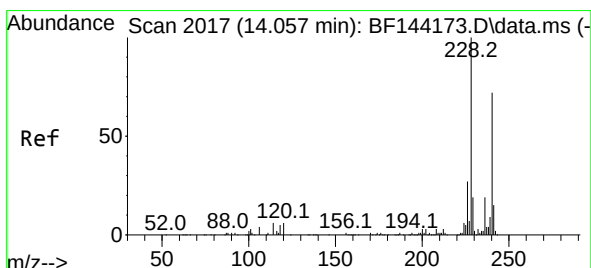
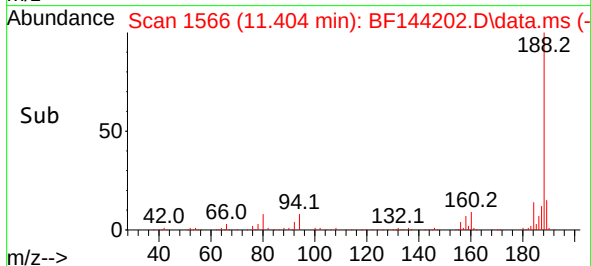
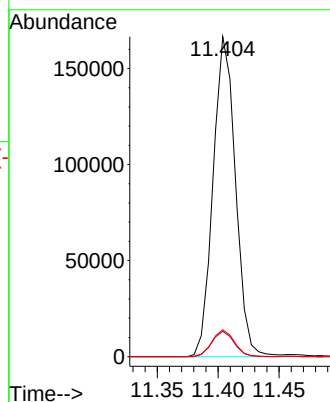
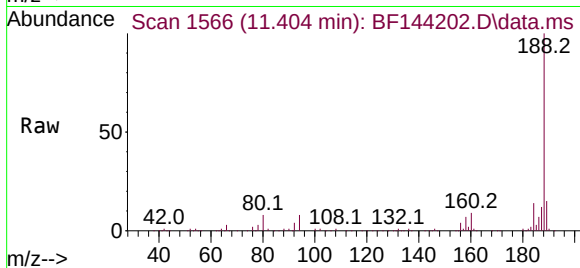
Tgt Ion:188 Resp: 212852

Ion Ratio Lower Upper

188 100

94 7.9 6.2 9.2

80 8.4 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: BF144202.D

Acq: 11 Nov 2025 14:39

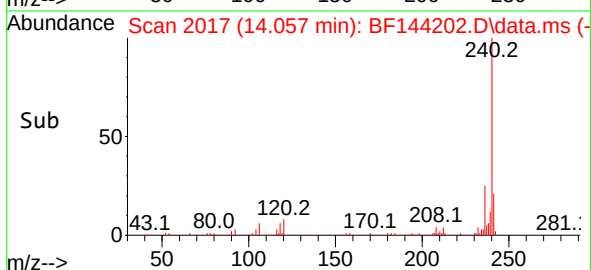
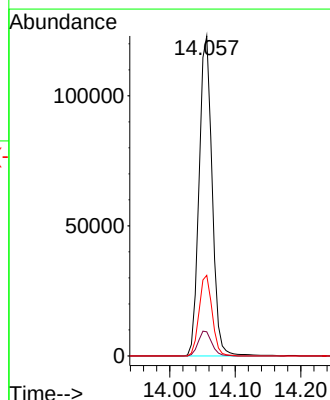
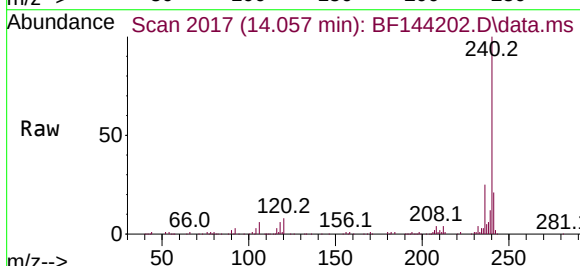
Tgt Ion:240 Resp: 168567

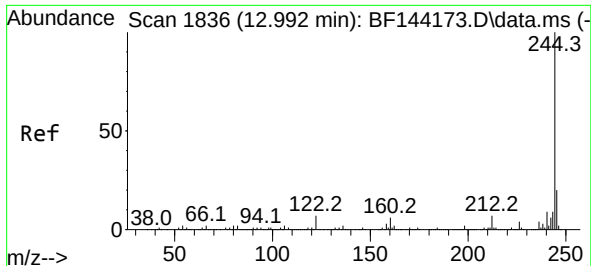
Ion Ratio Lower Upper

240 100

120 7.5 6.6 10.0

236 25.2 21.4 32.2

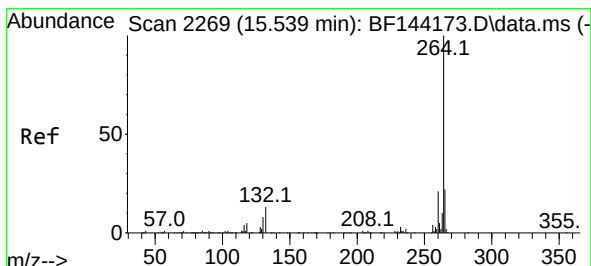
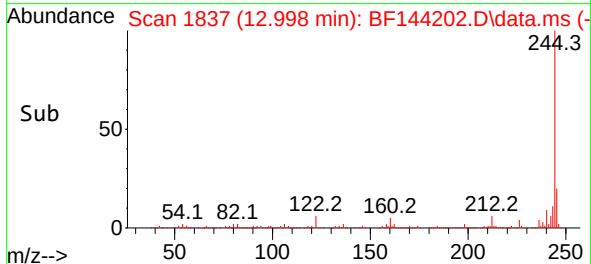
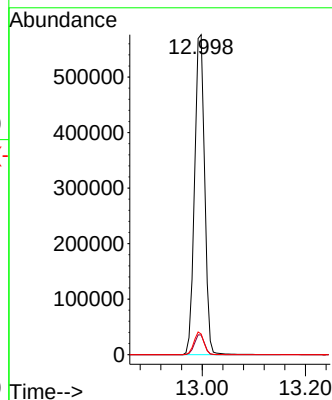
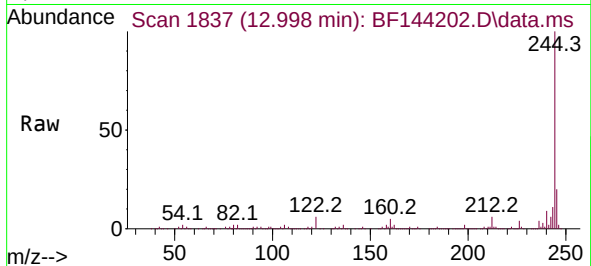




#79
 Terphenyl-d14
 Concen: 73.155 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.006 min
 Lab File: BF144202.D
 Acq: 11 Nov 2025 14:39

Instrument :
 BNA_F
 ClientSampleId :
 FB-2

Tgt Ion:244 Resp: 776348
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.3 7.9
 122 6.4 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: BF144202.D
 Acq: 11 Nov 2025 14:39

Tgt Ion:264 Resp: 214547
 Ion Ratio Lower Upper
 264 100
 260 20.8 17.1 25.7
 265 20.9 17.4 26.0

