

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
 Data File : BF144391.D
 Acq On : 01 Dec 2025 17:13
 Operator : RC/JU
 Sample : Q3735-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-3-112625

Quant Time: Dec 02 00:08:15 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	49705	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	164994	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	76755	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	138286	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	147700	20.000	ng	-0.01
86) Perylene-d12	15.527	264	114213	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	268463	84.521	ng	0.00
7) Phenol-d6	6.498	99	293047	81.425	ng	0.00
23) Nitrobenzene-d5	7.422	82	174959	61.243	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	80104	83.166	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	299286	57.589	ng	-0.01
79) Terphenyl-d14	12.980	244	357695	38.467	ng	-0.01

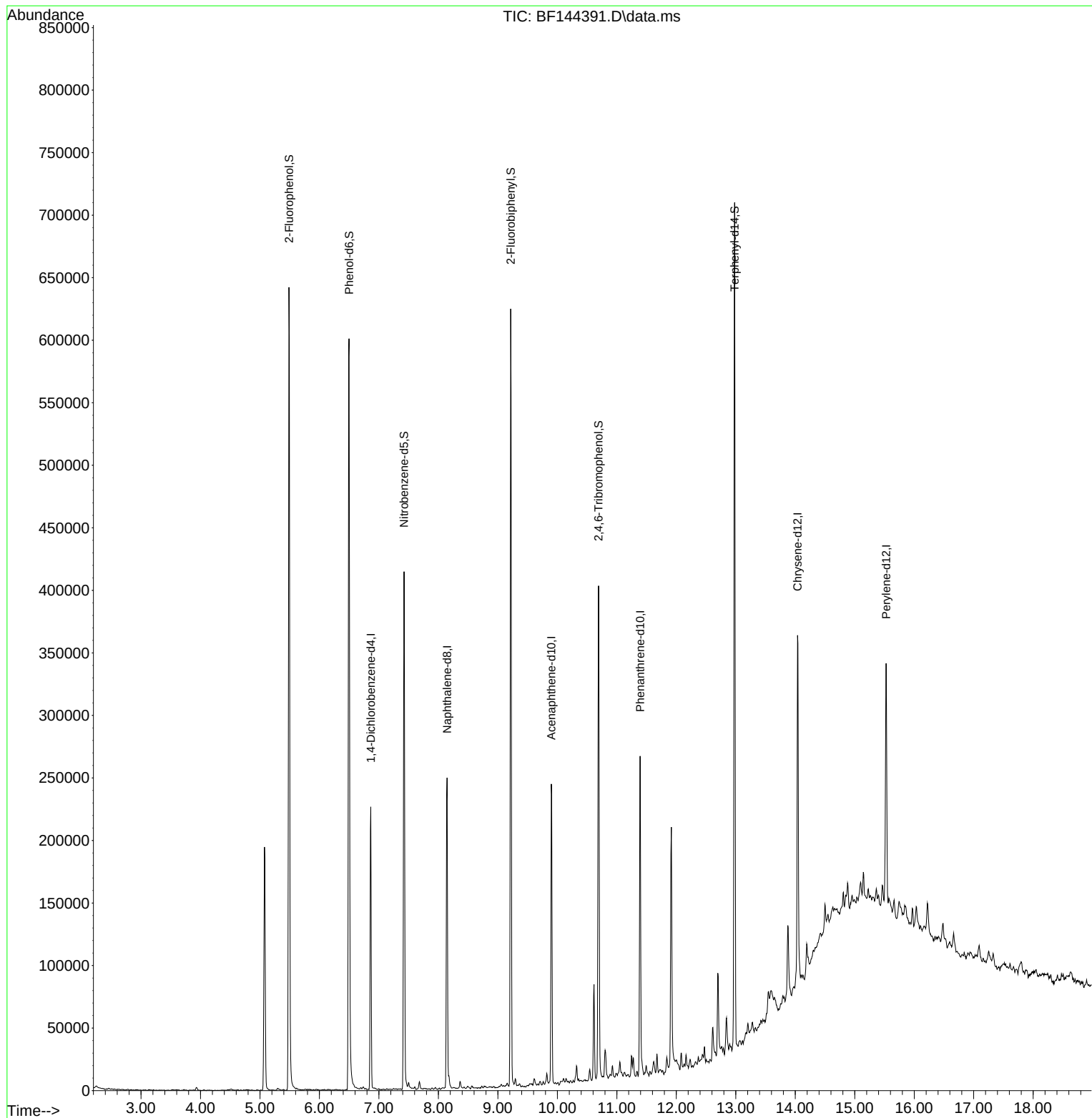
Target Compounds	Qvalue

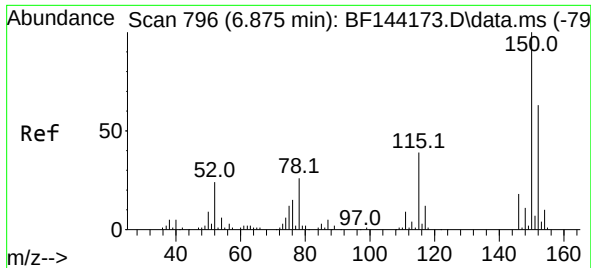
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144391.D
Acq On : 01 Dec 2025 17:13
Operator : RC/JU
Sample : Q3735-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-3-112625

Quant Time: Dec 02 00:08:15 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

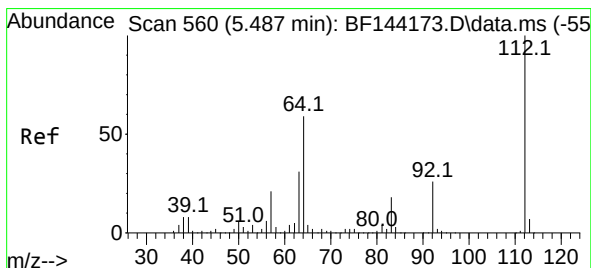
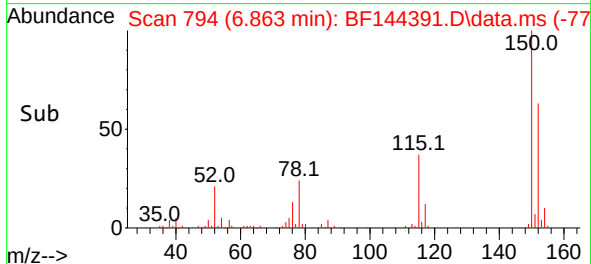
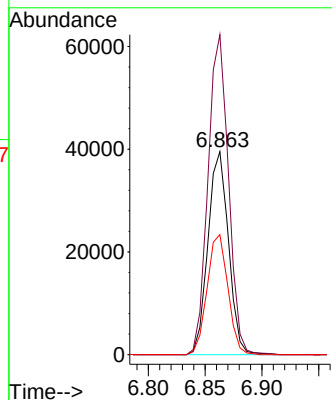
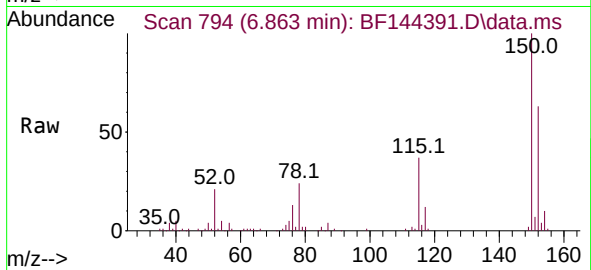




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 796
 Delta R.T. -0.012 min
 Lab File: BF144391.D
 Acq: 01 Dec 2025 17:13

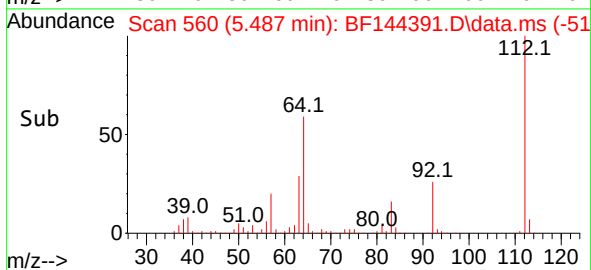
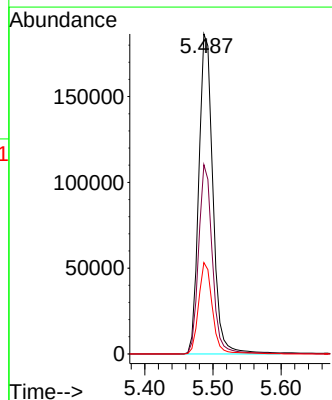
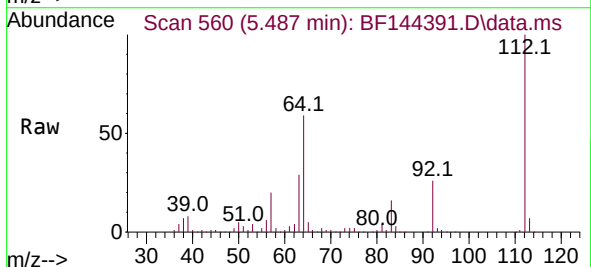
Instrument :
 BNA_F
 ClientSampleId :
 BU-3-112625

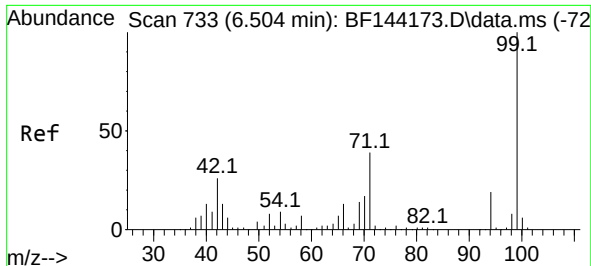
Tgt Ion:152 Resp: 49705
 Ion Ratio Lower Upper
 152 100
 150 157.6 127.4 191.0
 115 59.0 49.5 74.3



#5
 2-Fluorophenol
 Concen: 84.521 ng
 RT: 5.487 min Scan# 560
 Delta R.T. -0.006 min
 Lab File: BF144391.D
 Acq: 01 Dec 2025 17:13

Tgt Ion:112 Resp: 268463
 Ion Ratio Lower Upper
 112 100
 64 59.1 47.2 70.8
 63 28.5 24.4 36.6

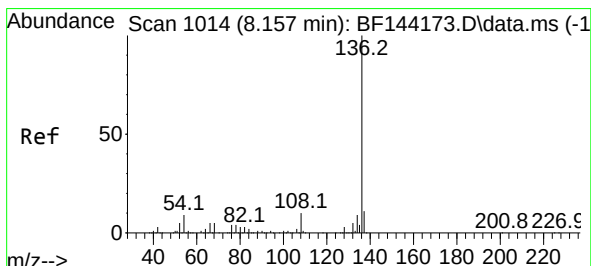
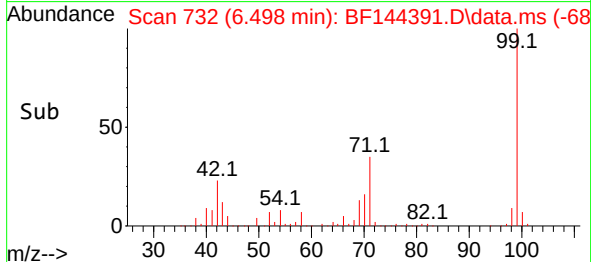
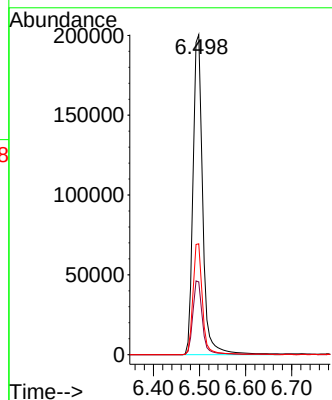
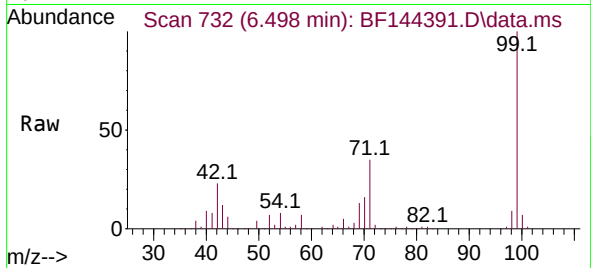




#7
Phenol-d6
Concen: 81.425 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144391.D
Acq: 01 Dec 2025 17:13

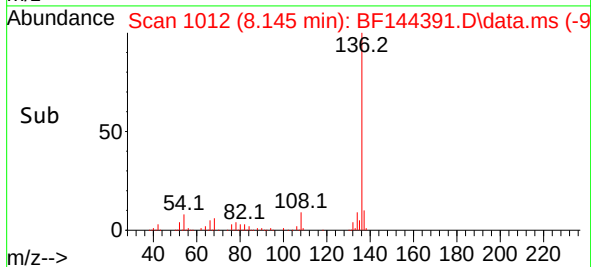
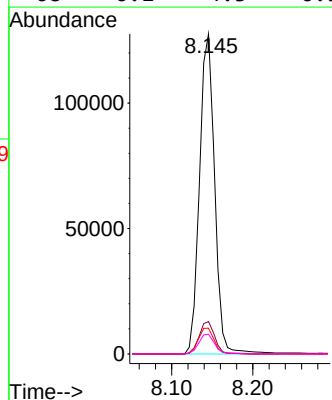
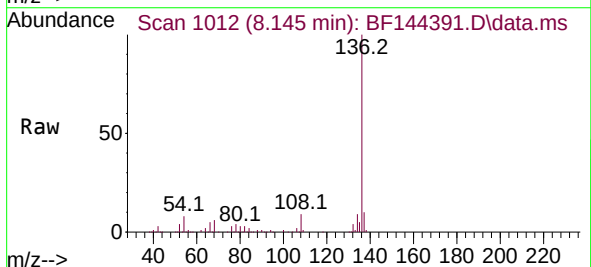
Instrument :
BNA_F
ClientSampleId :
BU-3-112625

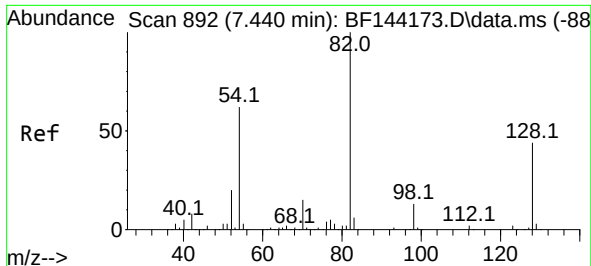
Tgt Ion: 99 Resp: 293047
Ion Ratio Lower Upper
99 100
42 22.7 20.9 31.3
71 34.6 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144391.D
Acq: 01 Dec 2025 17:13

Tgt Ion: 136 Resp: 164994
Ion Ratio Lower Upper
136 100
137 10.1 8.6 13.0
54 8.0 7.0 10.6
68 6.1 4.3 6.5





#23

Nitrobenzene-d5

Concen: 61.243 ng

RT: 7.422 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF144391.D

Acq: 01 Dec 2025 17:13

Instrument :

BNA_F

ClientSampleId :

BU-3-112625

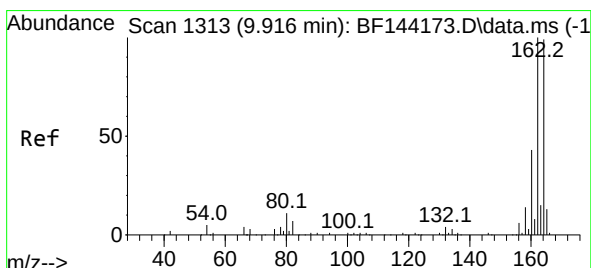
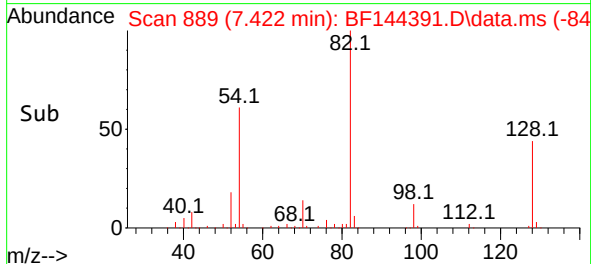
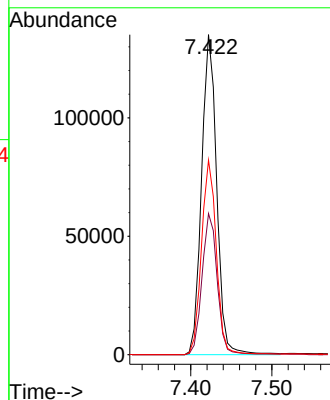
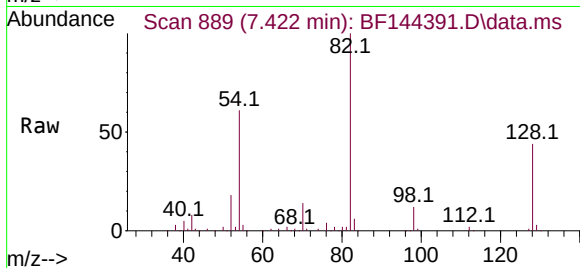
Tgt Ion: 82 Resp: 174959

Ion Ratio Lower Upper

82 100

128 44.1 34.7 52.1

54 60.8 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1310

Delta R.T. -0.018 min

Lab File: BF144391.D

Acq: 01 Dec 2025 17:13

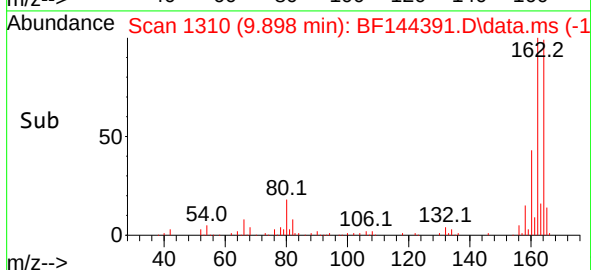
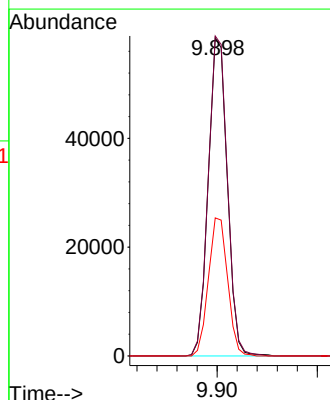
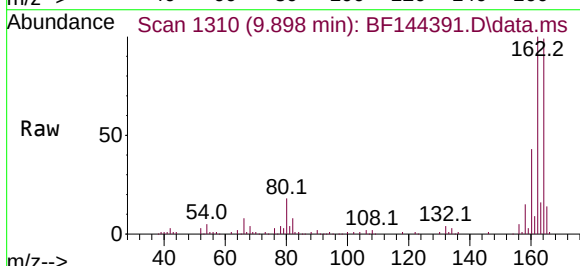
Tgt Ion:164 Resp: 76755

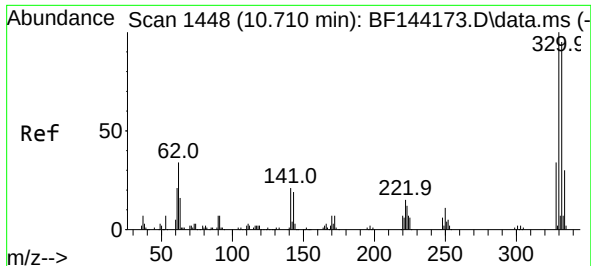
Ion Ratio Lower Upper

164 100

162 100.6 81.1 121.7

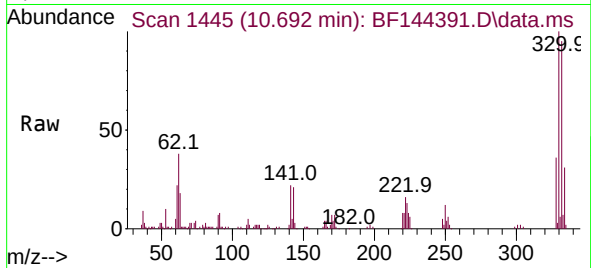
160 43.4 34.5 51.7



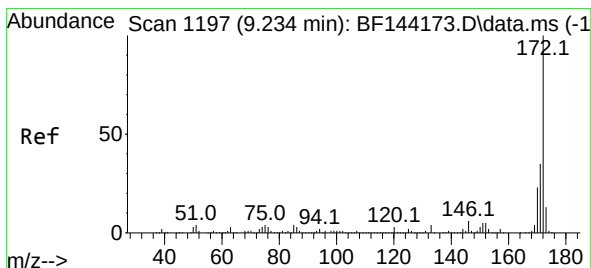
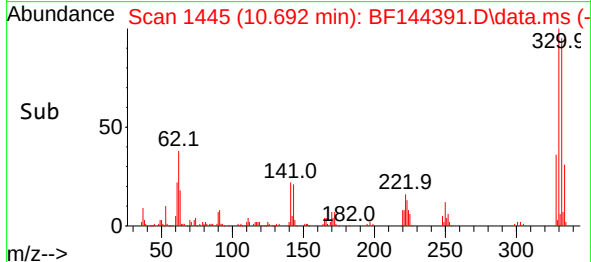
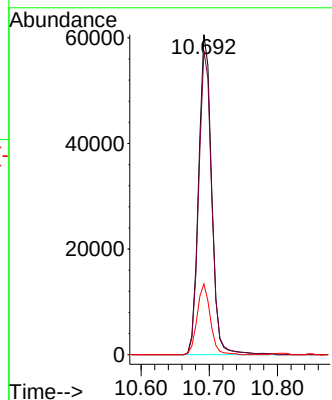


#42
2,4,6-Tribromophenol
Concen: 83.166 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144391.D
Acq: 01 Dec 2025 17:13

Instrument :
BNA_F
ClientSampleId :
BU-3-112625

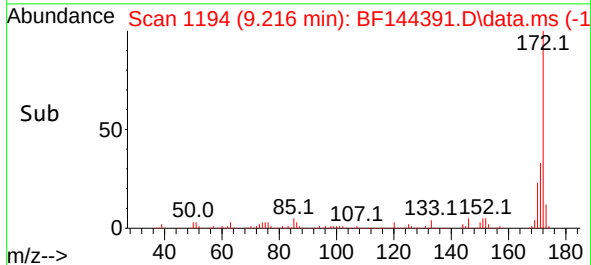
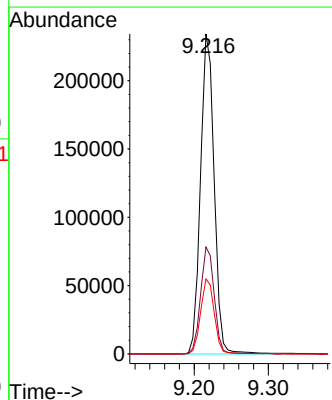
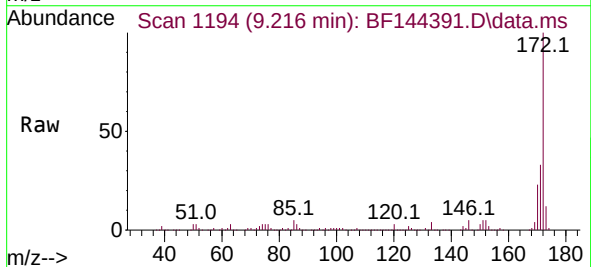


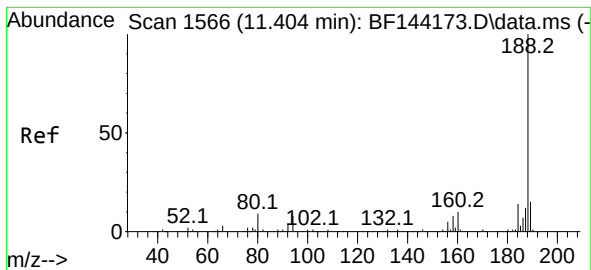
Tgt Ion: 330 Resp: 80104
Ion Ratio Lower Upper
330 100
332 95.0 76.7 115.1
141 22.2 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 57.589 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144391.D
Acq: 01 Dec 2025 17:13

Tgt Ion: 172 Resp: 299286
Ion Ratio Lower Upper
172 100
171 33.4 28.1 42.1
170 23.4 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144391.D

Acq: 01 Dec 2025 17:13

Instrument :

BNA_F

ClientSampleId :

BU-3-112625

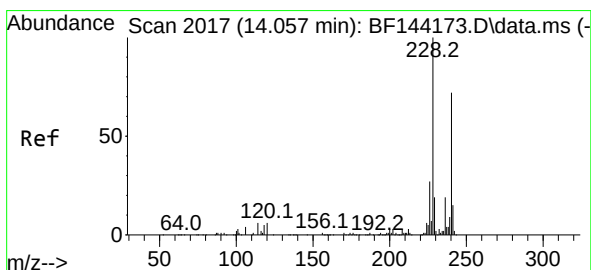
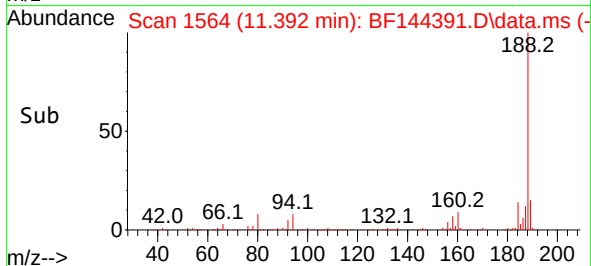
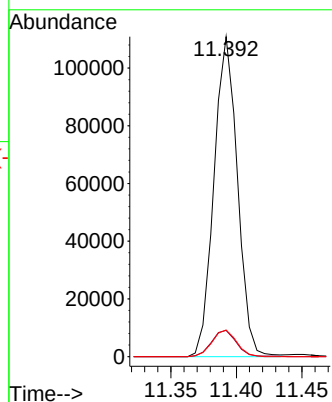
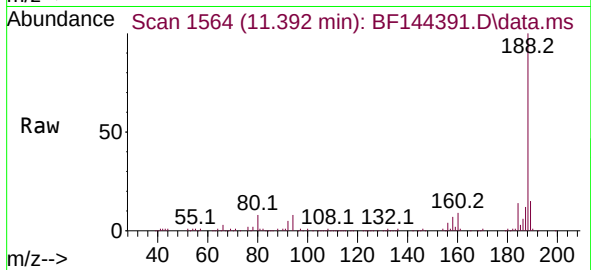
Tgt Ion:188 Resp: 138286

Ion Ratio Lower Upper

188 100

94 8.2 6.2 9.2

80 8.4 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF144391.D

Acq: 01 Dec 2025 17:13

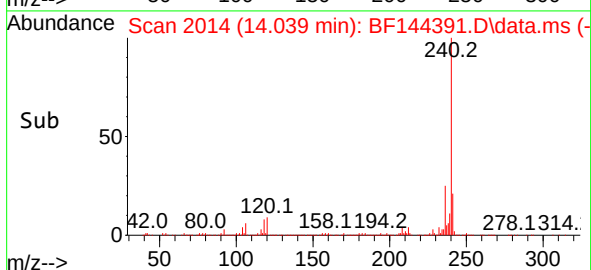
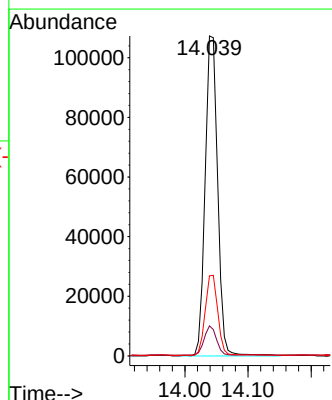
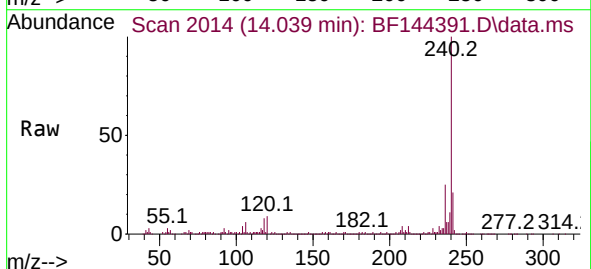
Tgt Ion:240 Resp: 147700

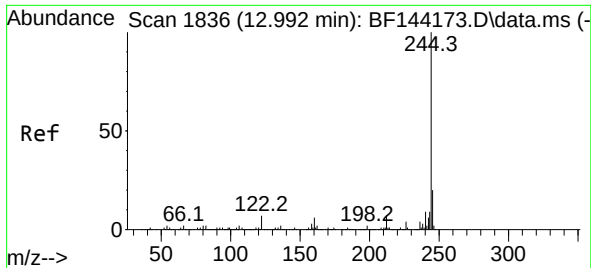
Ion Ratio Lower Upper

240 100

120 9.4 6.6 10.0

236 25.0 21.4 32.2

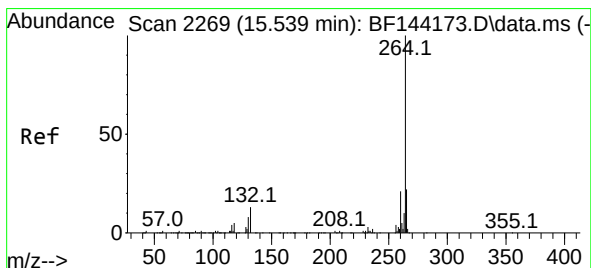
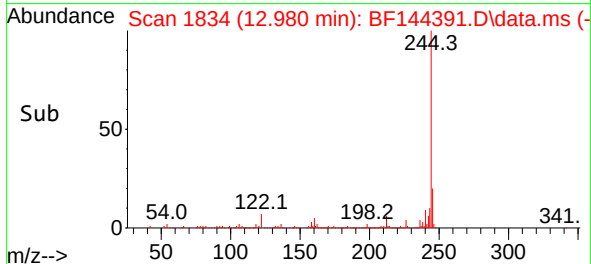
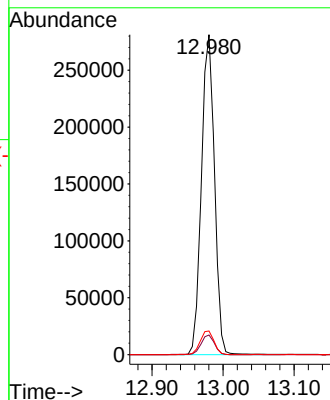
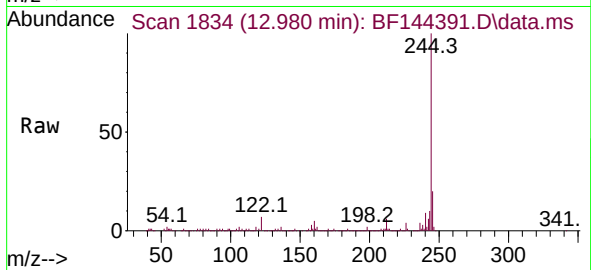




#79
 Terphenyl-d14
 Concen: 38.467 ng
 RT: 12.980 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF144391.D
 Acq: 01 Dec 2025 17:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-3-112625

Tgt Ion:244 Resp: 357695
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.3 7.9
 122 7.4 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: BF144391.D
 Acq: 01 Dec 2025 17:13

Tgt Ion:264 Resp: 114213
 Ion Ratio Lower Upper
 264 100
 260 22.1 17.1 25.7
 265 22.1 17.4 26.0

