

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144205.D
 Acq On : 11 Nov 2025 16:07
 Operator : RC/JU
 Sample : Q3584-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-2

Quant Time: Nov 11 16:27:29 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	58254	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	216777	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	114918	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	186847	20.000	ng	0.00
76) Chrysene-d12	14.057	240	165680	20.000	ng	0.00
86) Perylene-d12	15.539	264	209451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	229143	61.555	ng	0.00
7) Phenol-d6	6.498	99	162660	38.563	ng	0.00
23) Nitrobenzene-d5	7.434	82	325762	86.791	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	169687	117.668	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	647178	83.176	ng	0.00
79) Terphenyl-d14	12.992	244	710957	68.161	ng	0.00

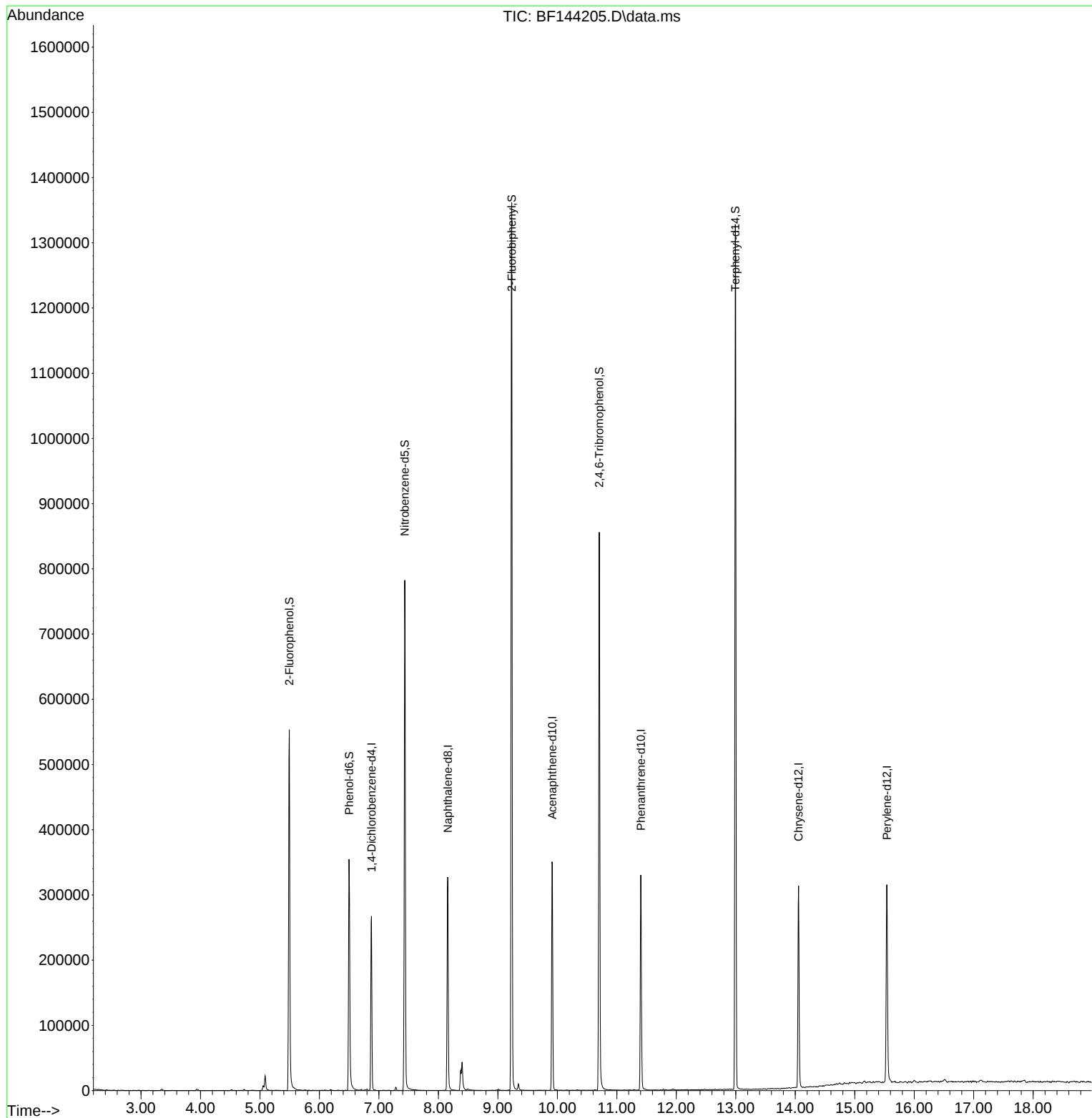
Target Compounds	Qvalue

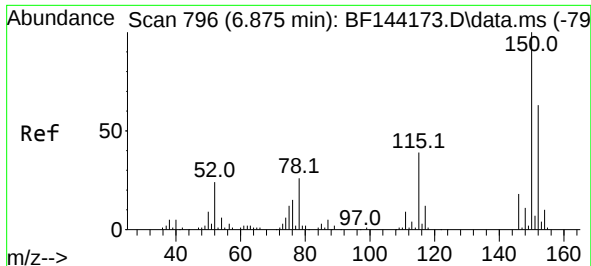
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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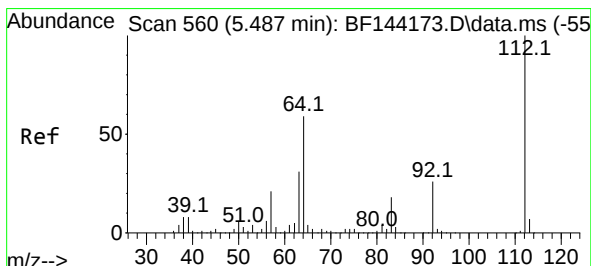
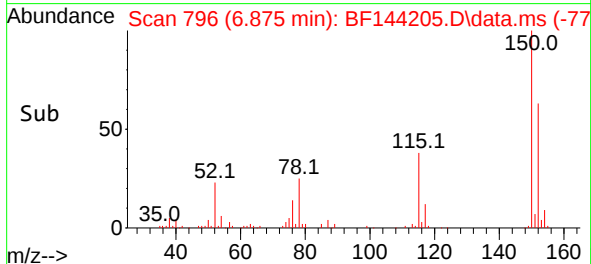
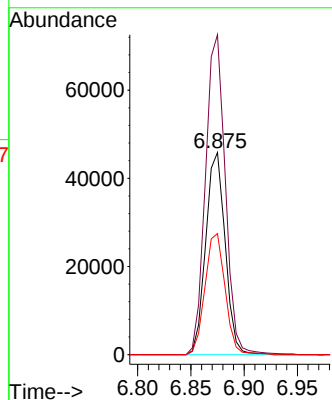
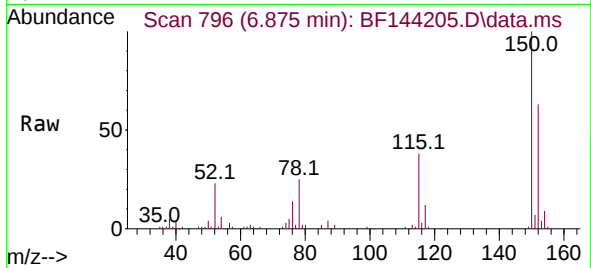




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

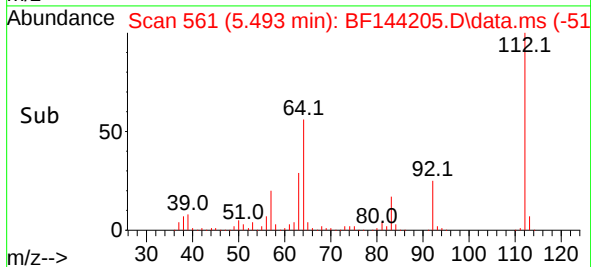
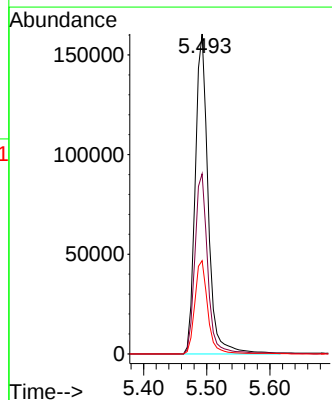
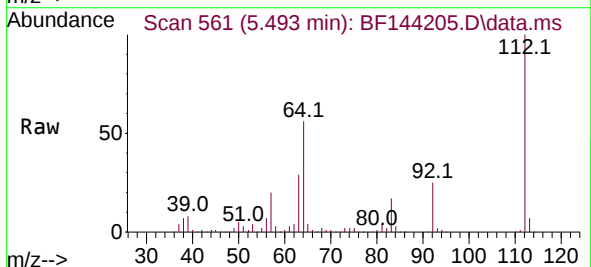
Instrument :
BNA_F
ClientSampleId :
EB-2

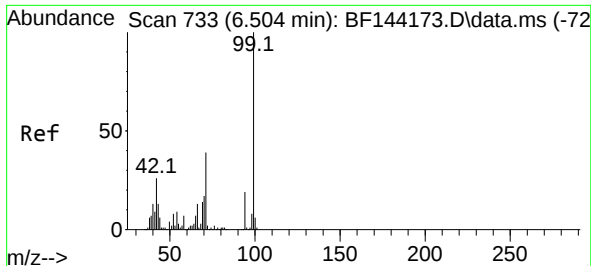
Tgt Ion:152 Resp: 58254
Ion Ratio Lower Upper
152 100
150 158.3 127.4 191.0
115 59.9 49.5 74.3



#5
2-Fluorophenol
Concen: 61.555 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Tgt Ion:112 Resp: 229143
Ion Ratio Lower Upper
112 100
64 56.3 47.2 70.8
63 29.1 24.4 36.6





#7

Phenol-d6

Concen: 38.563 ng

RT: 6.498 min Scan# 733

Delta R.T. -0.000 min

Lab File: BF144205.D

Acq: 11 Nov 2025 16:07

Instrument :

BNA_F

ClientSampleId :

EB-2

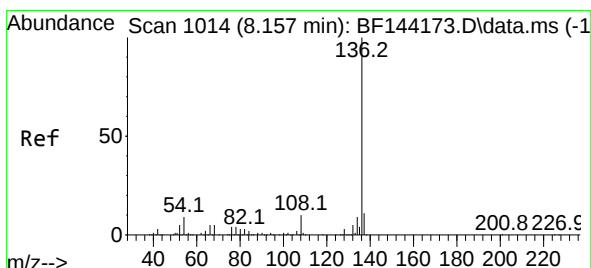
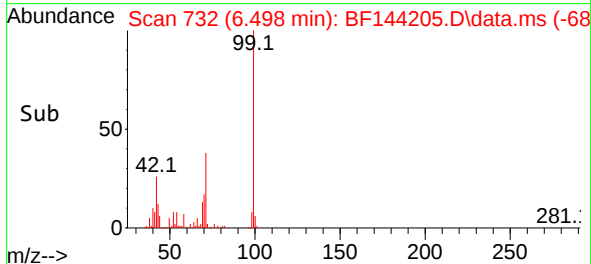
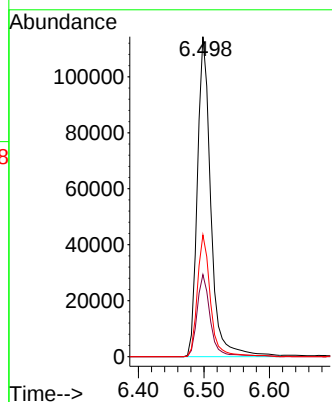
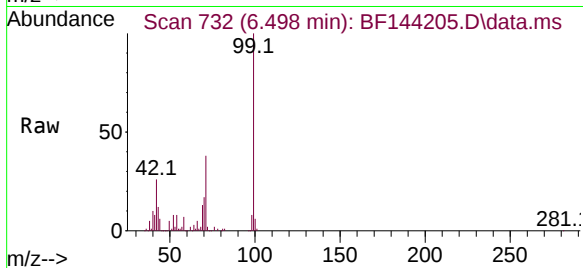
Tgt Ion: 99 Resp: 162660

Ion Ratio Lower Upper

99 100

42 25.6 20.9 31.3

71 38.0 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: BF144205.D

Acq: 11 Nov 2025 16:07

Tgt Ion: 136 Resp: 216777

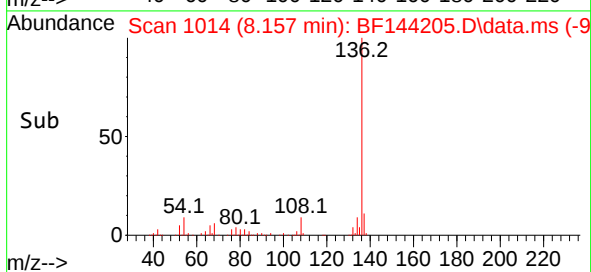
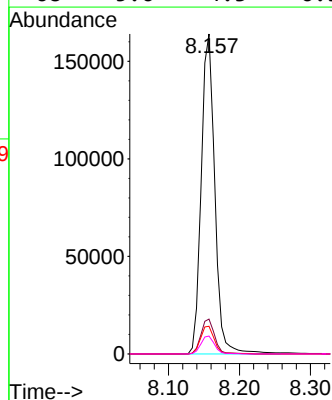
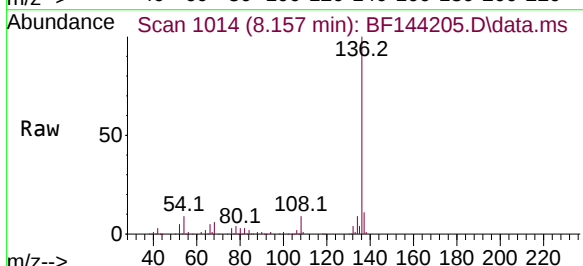
Ion Ratio Lower Upper

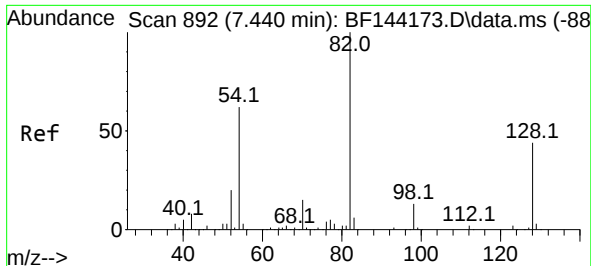
136 100

137 10.9 8.6 13.0

54 8.6 7.0 10.6

68 5.6 4.3 6.5





#23

Nitrobenzene-d5

Concen: 86.791 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF144205.D

Acq: 11 Nov 2025 16:07

Instrument :

BNA_F

ClientSampleId :

EB-2

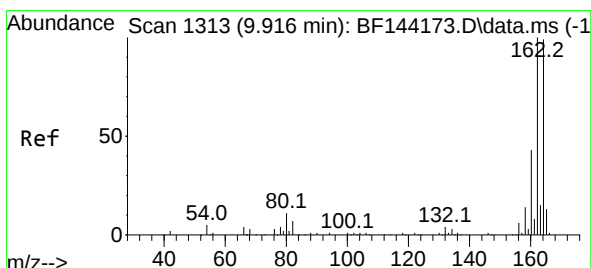
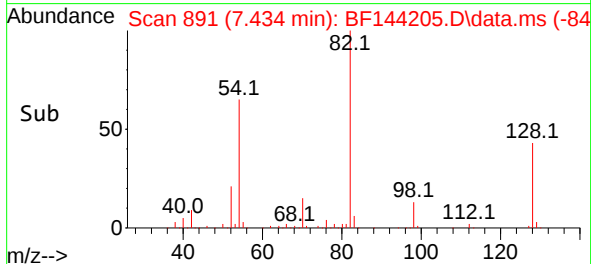
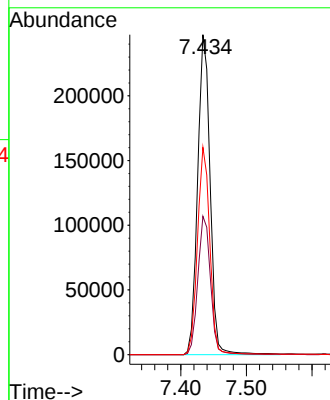
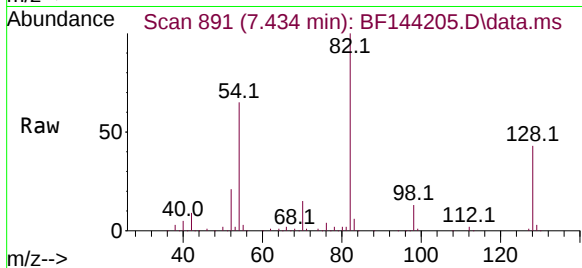
Tgt Ion: 82 Resp: 325762

Ion Ratio Lower Upper

82 100

128 43.2 34.7 52.1

54 64.8 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: BF144205.D

Acq: 11 Nov 2025 16:07

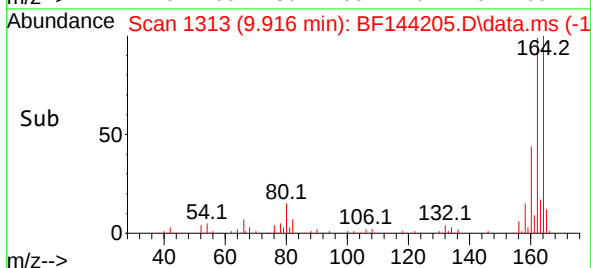
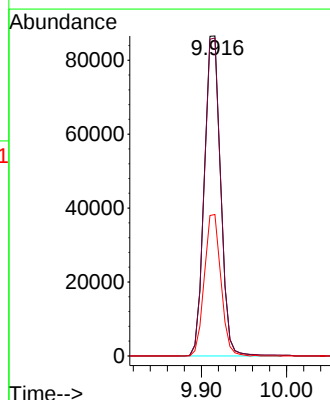
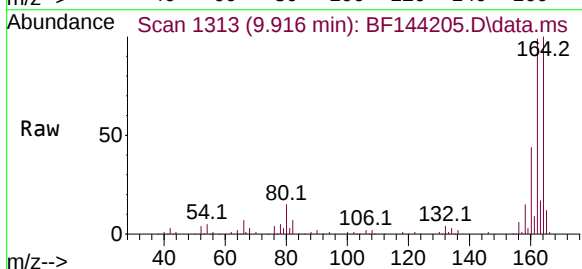
Tgt Ion:164 Resp: 114918

Ion Ratio Lower Upper

164 100

162 99.3 81.1 121.7

160 44.2 34.5 51.7

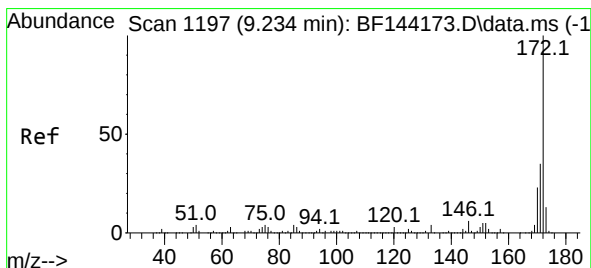
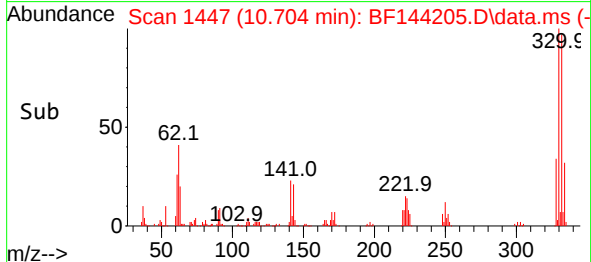
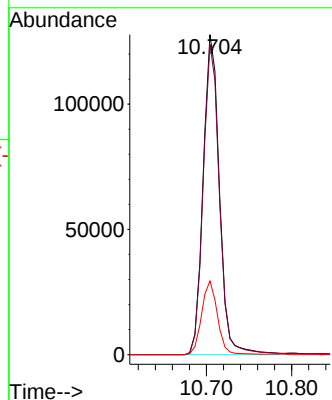
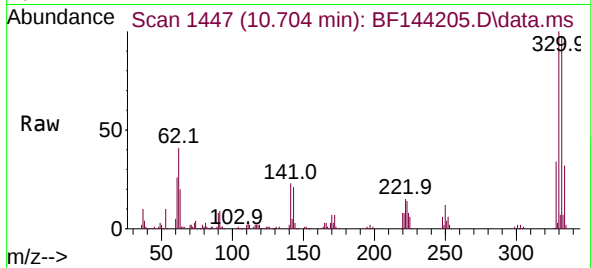




#42
 2,4,6-Tribromophenol
 Concen: 117.668 ng
 RT: 10.704 min Scan# 1447
 Delta R.T. -0.000 min
 Lab File: BF144205.D
 Acq: 11 Nov 2025 16:07

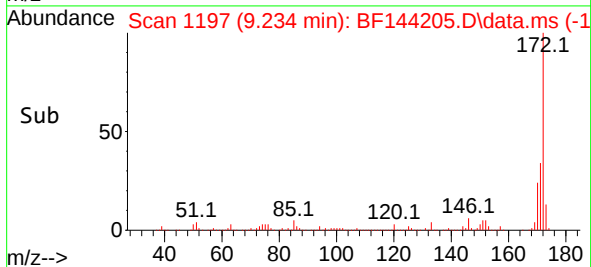
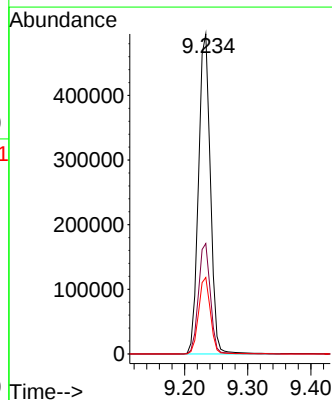
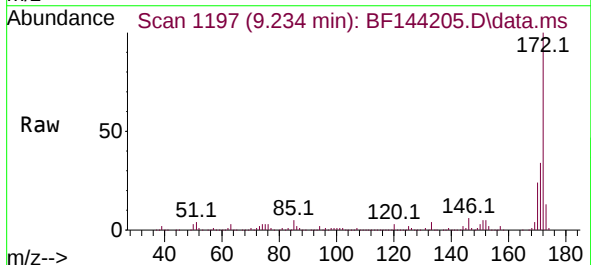
Instrument :
 BNA_F
 ClientSampleId :
 EB-2

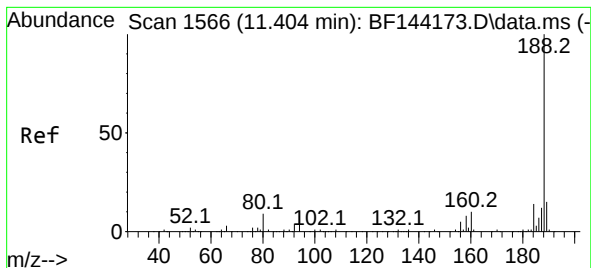
Tgt Ion:330 Resp: 169687
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.7 115.1
 141 22.3 17.8 26.8



#45
 2-Fluorobiphenyl
 Concen: 83.176 ng
 RT: 9.234 min Scan# 1197
 Delta R.T. 0.006 min
 Lab File: BF144205.D
 Acq: 11 Nov 2025 16:07

Tgt Ion:172 Resp: 647178
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.1 42.1
 170 23.9 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: BF144205.D

Acq: 11 Nov 2025 16:07

Instrument :

BNA_F

ClientSampleId :

EB-2

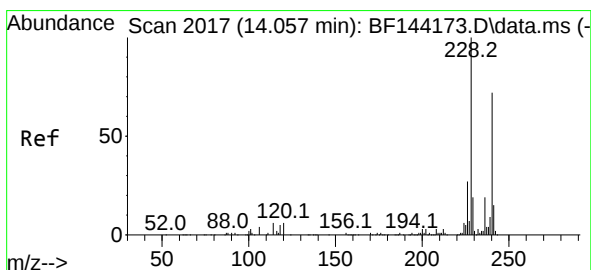
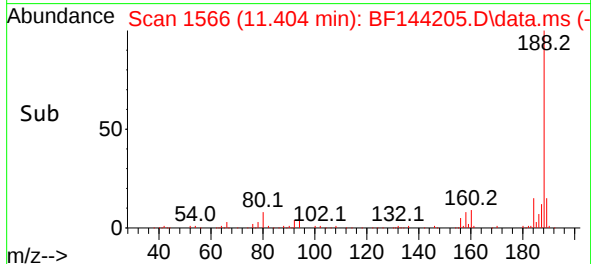
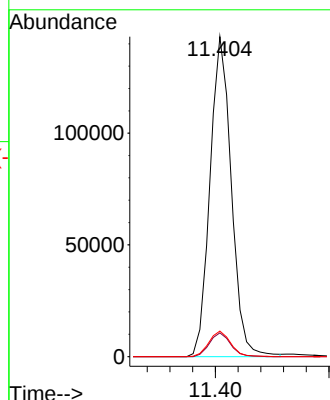
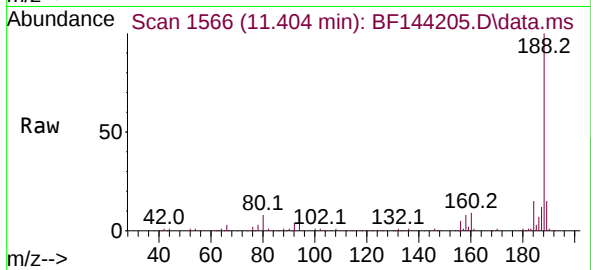
Tgt Ion:188 Resp: 186847

Ion Ratio Lower Upper

188 100

94 7.4 6.2 9.2

80 8.0 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: BF144205.D

Acq: 11 Nov 2025 16:07

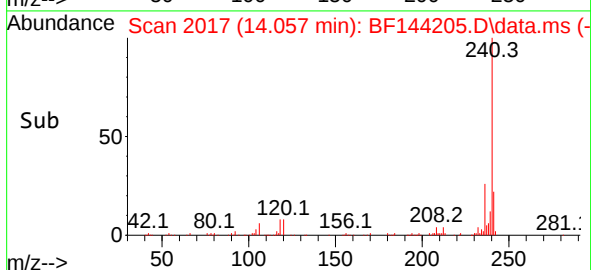
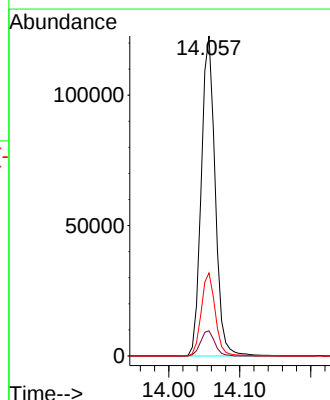
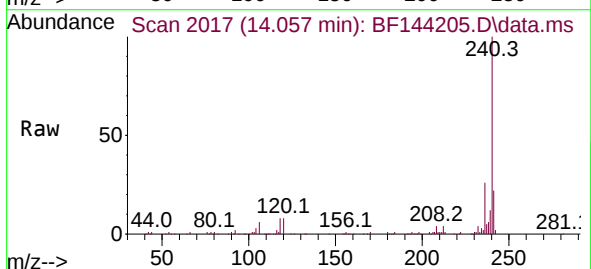
Tgt Ion:240 Resp: 165680

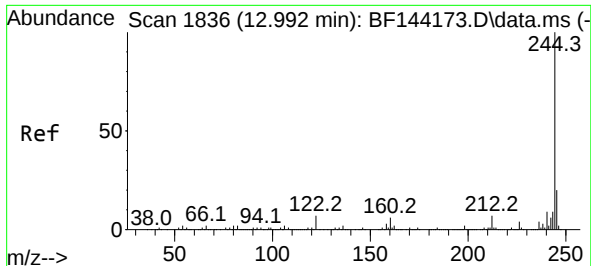
Ion Ratio Lower Upper

240 100

120 7.8 6.6 10.0

236 25.9 21.4 32.2

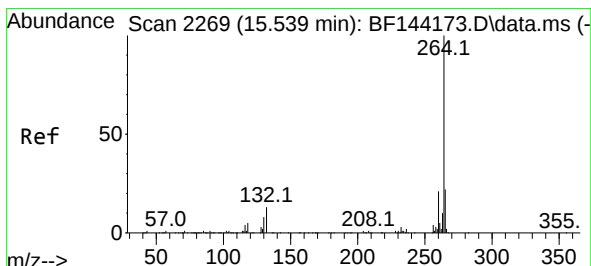
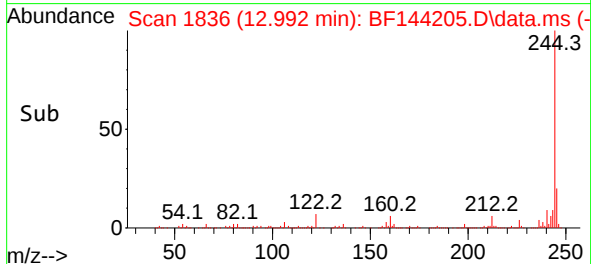
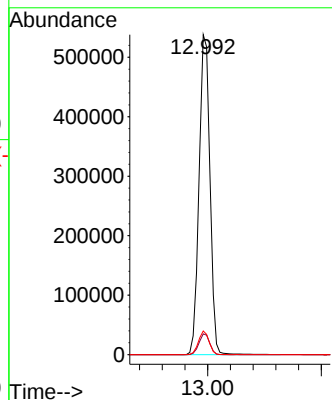
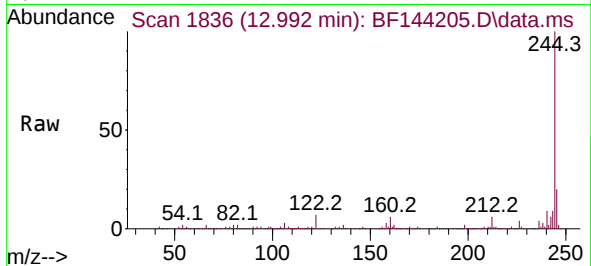




#79
 Terphenyl-d14
 Concen: 68.161 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF144205.D
 Acq: 11 Nov 2025 16:07

Instrument :
 BNA_F
 ClientSampleId :
 EB-2

Tgt Ion:244 Resp: 710957
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 7.4 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: BF144205.D
 Acq: 11 Nov 2025 16:07

Tgt Ion:264 Resp: 209451
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.1 25.7
 265 21.6 17.4 26.0

