

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
 Data File : BF144181.D
 Acq On : 06 Nov 2025 11:42
 Operator : RC/JU
 Sample : PB170402BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170402BL

Quant Time: Nov 06 12:02:45 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	75117	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	296419	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	172354	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	322163	20.000	ng	0.00
76) Chrysene-d12	14.051	240	214752	20.000	ng	0.00
86) Perylene-d12	15.539	264	234974	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	590161	122.945	ng	0.00
7) Phenol-d6	6.504	99	656910	120.778	ng	0.00
23) Nitrobenzene-d5	7.434	82	437936	85.329	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	293008	135.474	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	980811	84.048	ng	0.00
79) Terphenyl-d14	12.992	244	1153711	85.334	ng	0.00

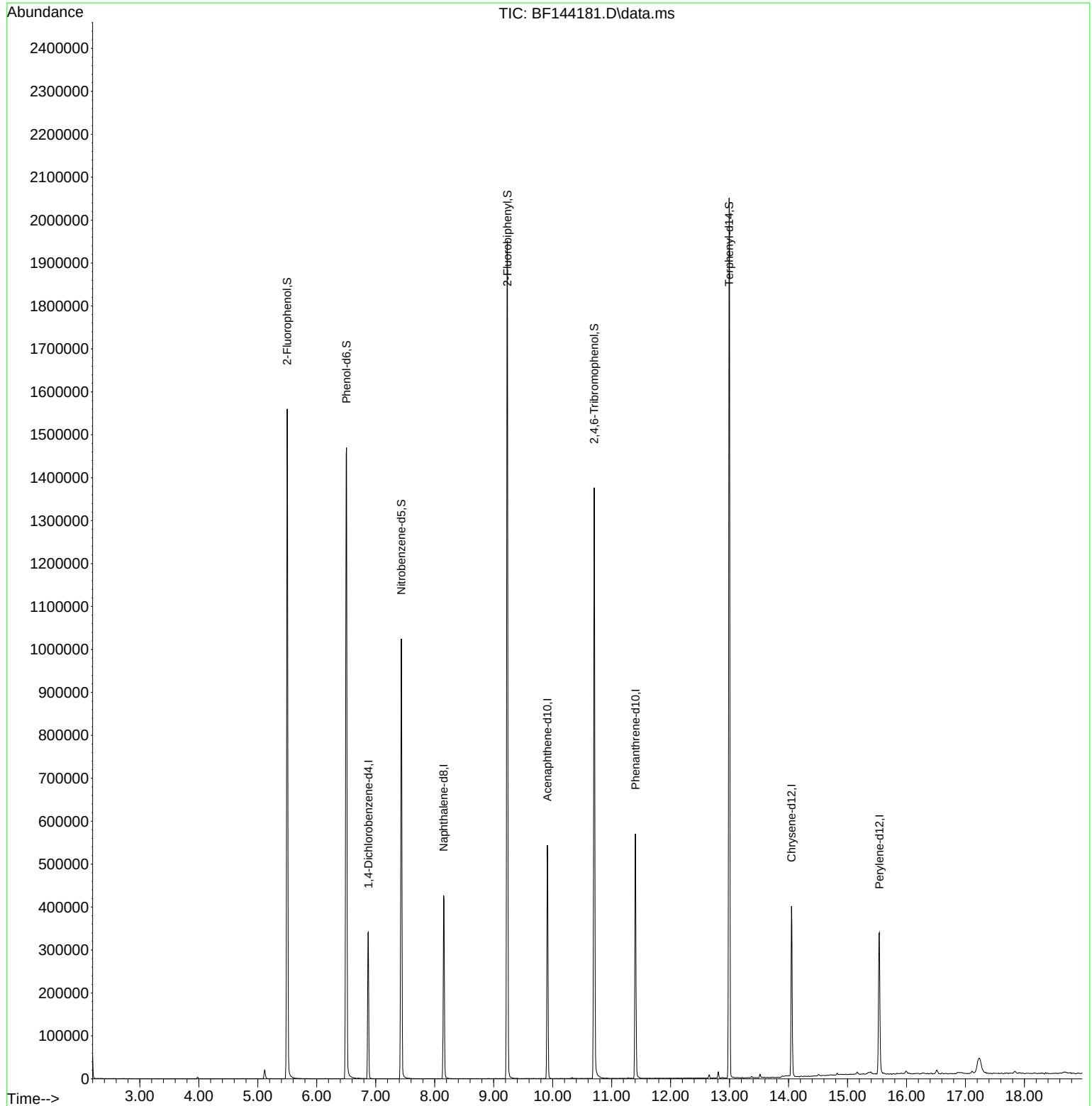
Target Compounds	Qvalue

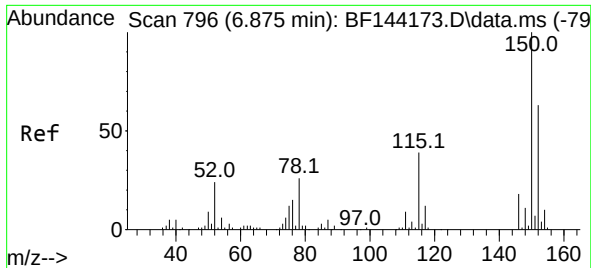
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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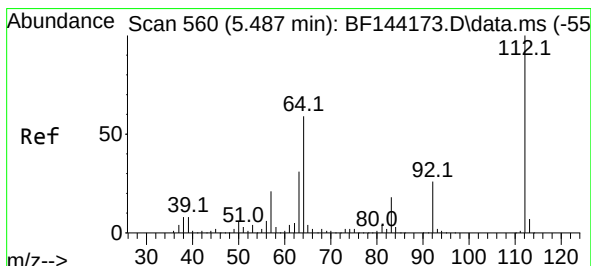
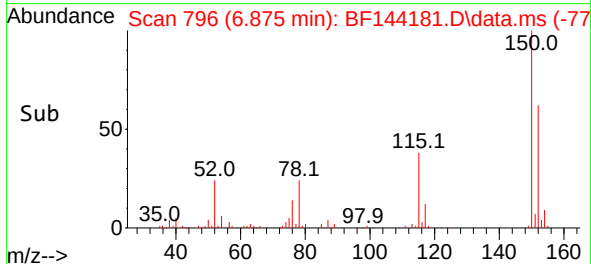
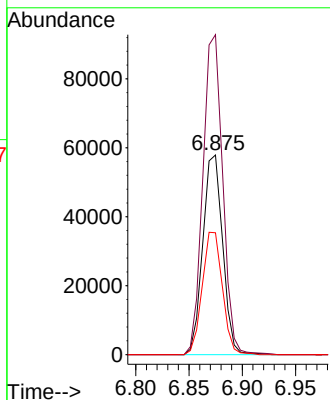
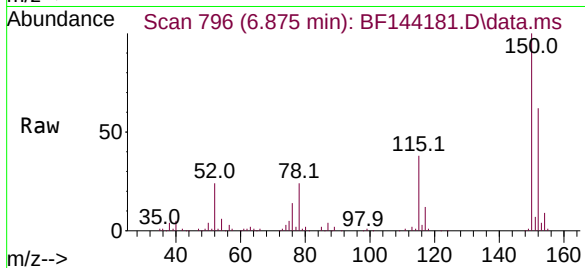




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF144181.D
Acq: 06 Nov 2025 11:42

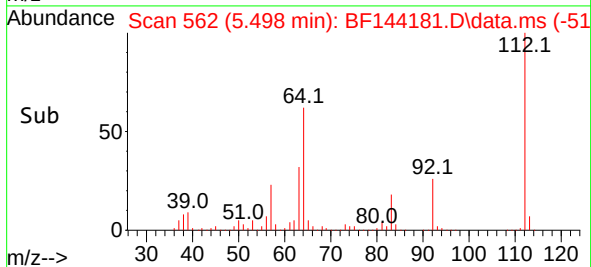
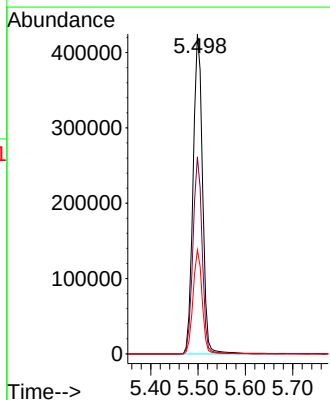
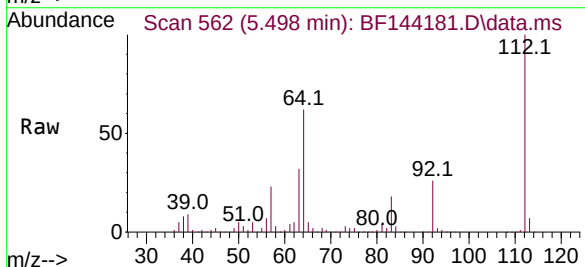
Instrument :
BNA_F
ClientSampleId :
PB170402BL

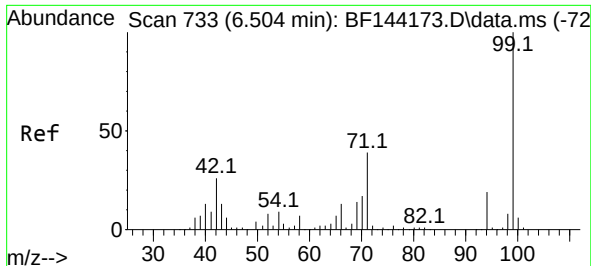
Tgt Ion:152 Resp: 75117
Ion Ratio Lower Upper
152 100
150 160.3 127.4 191.0
115 61.0 49.5 74.3



#5
2-Fluorophenol
Concen: 122.945 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144181.D
Acq: 06 Nov 2025 11:42

Tgt Ion:112 Resp: 590161
Ion Ratio Lower Upper
112 100
64 61.6 47.2 70.8
63 32.5 24.4 36.6

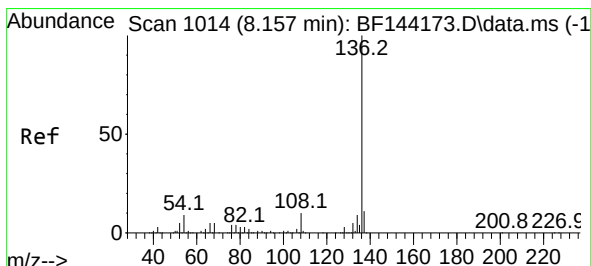
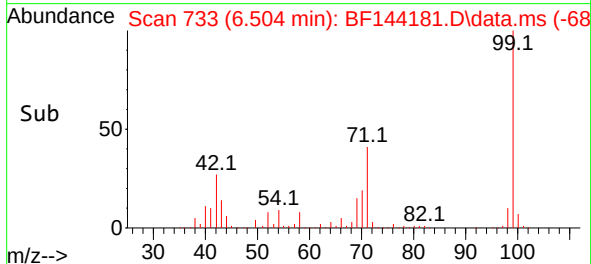
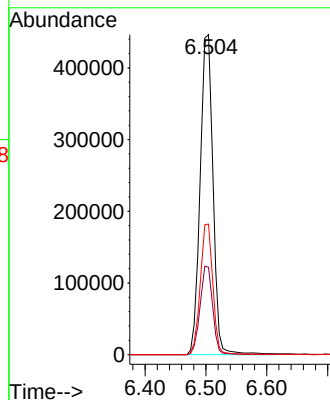
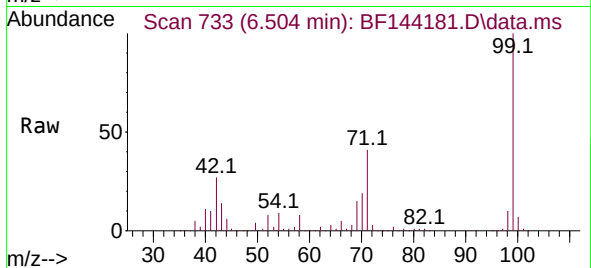




#7
Phenol-d6
Concen: 120.778 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF144181.D
Acq: 06 Nov 2025 11:42

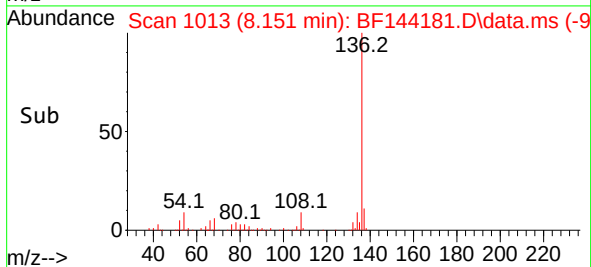
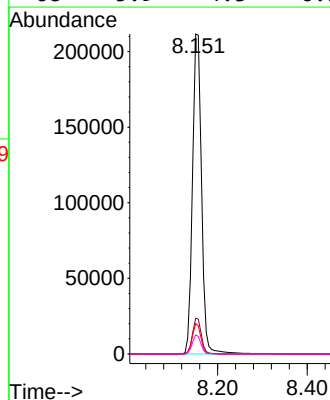
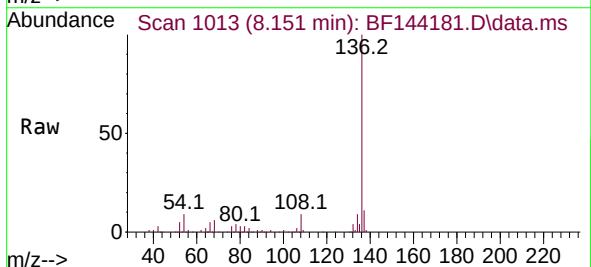
Instrument :
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ClientSampleId :
PB170402BL

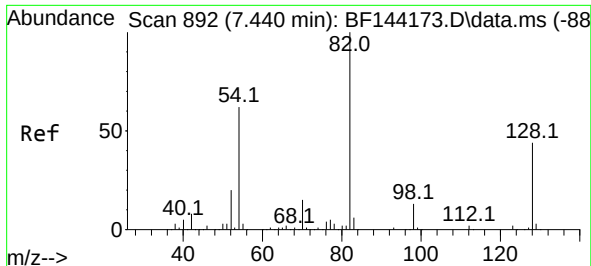
Tgt Ion: 99 Resp: 656910
Ion Ratio Lower Upper
99 100
42 27.3 20.9 31.3
71 40.8 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF144181.D
Acq: 06 Nov 2025 11:42

Tgt Ion: 136 Resp: 296419
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.5 7.0 10.6
68 5.9 4.3 6.5

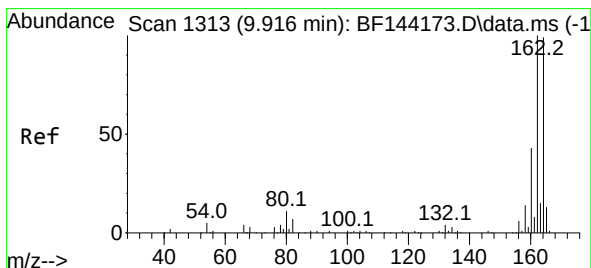
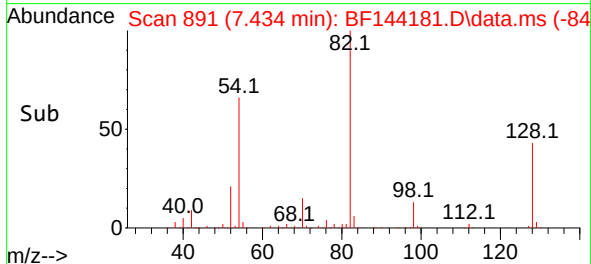
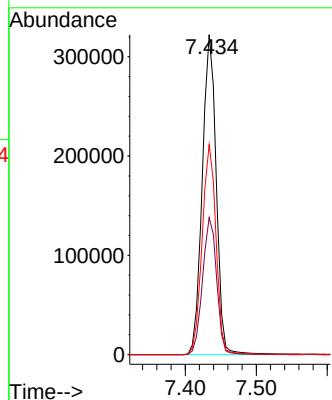
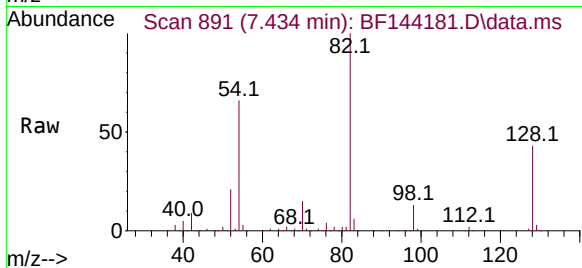




#23
 Nitrobenzene-d5
 Concen: 85.329 ng
 RT: 7.434 min Scan# 891
 Delta R.T. -0.000 min
 Lab File: BF144181.D
 Acq: 06 Nov 2025 11:42

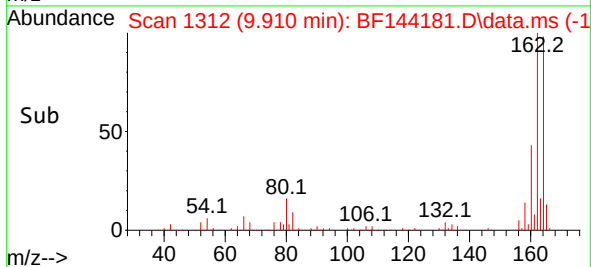
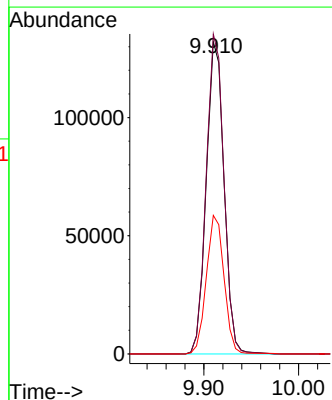
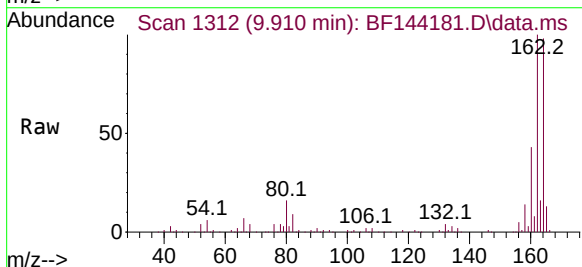
Instrument :
 BNA_F
 ClientSampleId :
 PB170402BL

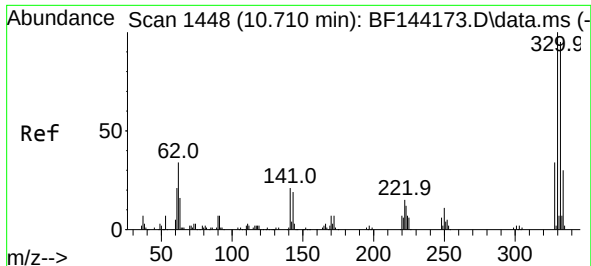
Tgt Ion: 82 Resp: 437936
 Ion Ratio Lower Upper
 82 100
 128 42.8 34.7 52.1
 54 65.6 49.5 74.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.910 min Scan# 1312
 Delta R.T. -0.006 min
 Lab File: BF144181.D
 Acq: 06 Nov 2025 11:42

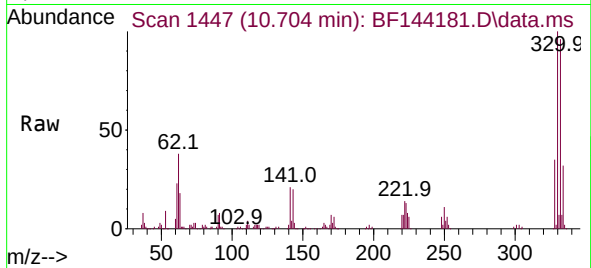
Tgt Ion:164 Resp: 172354
 Ion Ratio Lower Upper
 164 100
 162 102.5 81.1 121.7
 160 44.4 34.5 51.7



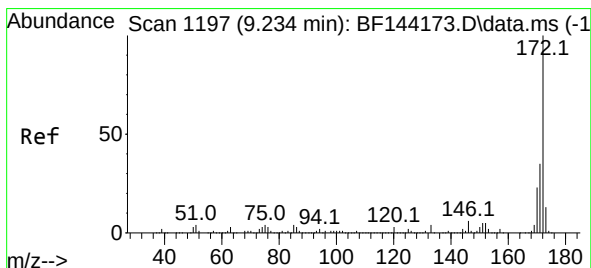
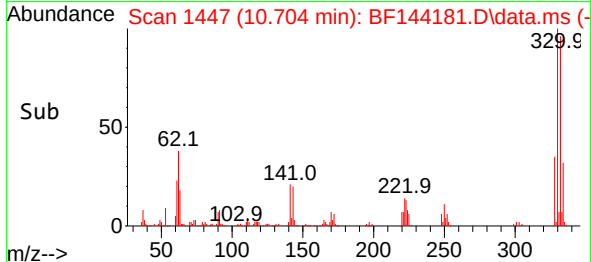
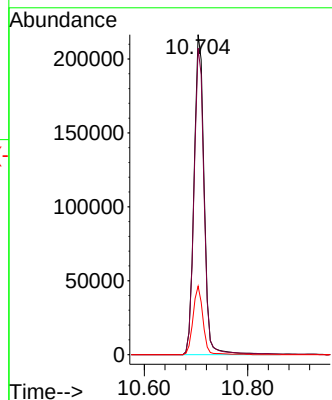


#42
2,4,6-Tribromophenol
Concen: 135.474 ng
RT: 10.704 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF144181.D
Acq: 06 Nov 2025 11:42

Instrument :
BNA_F
ClientSampleId :
PB170402BL

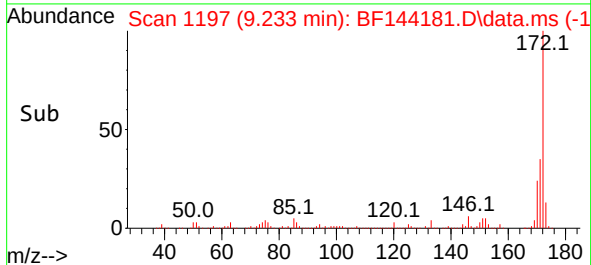
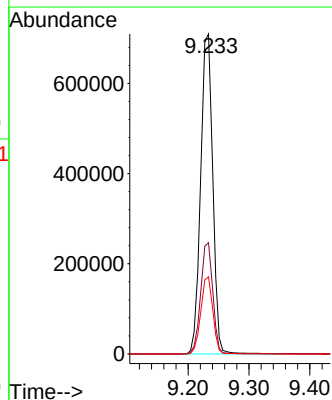
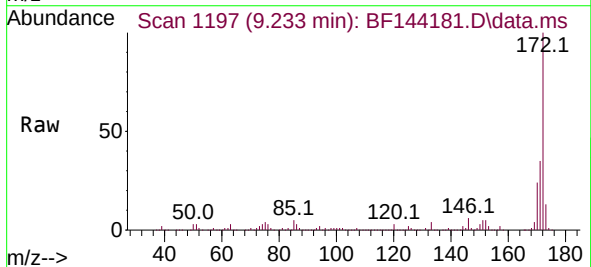


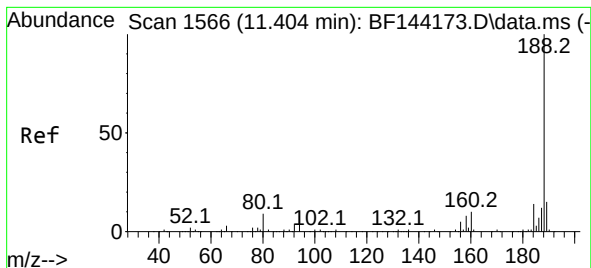
Tgt Ion:330 Resp: 293008
Ion Ratio Lower Upper
330 100
332 95.6 76.7 115.1
141 21.1 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 84.048 ng
RT: 9.233 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144181.D
Acq: 06 Nov 2025 11:42

Tgt Ion:172 Resp: 980811
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 24.1 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: BF144181.D

Acq: 06 Nov 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB170402BL

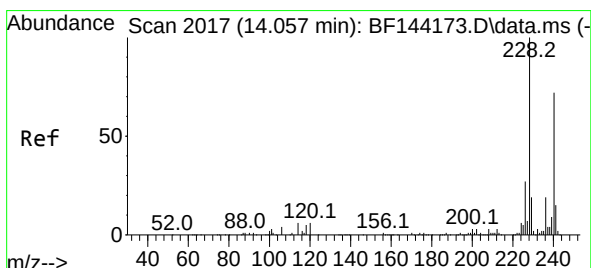
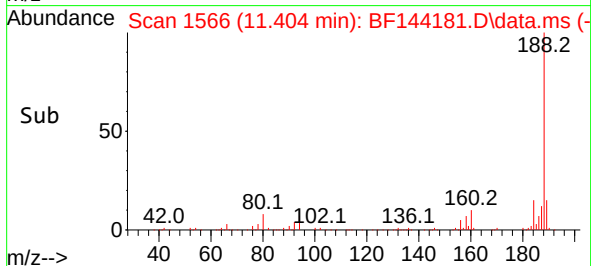
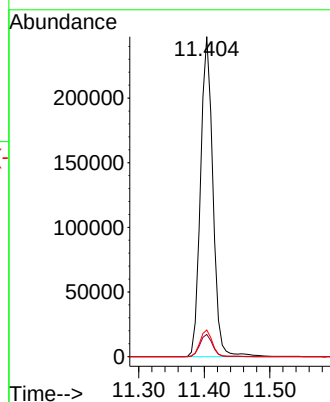
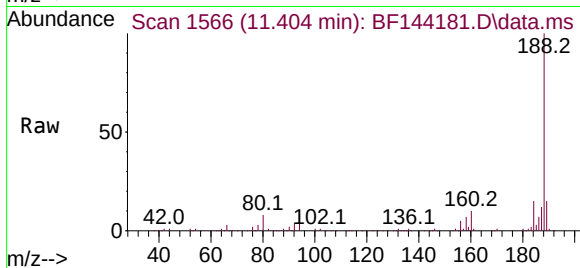
Tgt Ion:188 Resp: 322163

Ion Ratio Lower Upper

188 100

94 6.9 6.2 9.2

80 8.3 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF144181.D

Acq: 06 Nov 2025 11:42

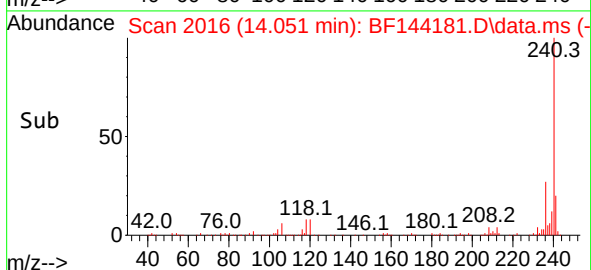
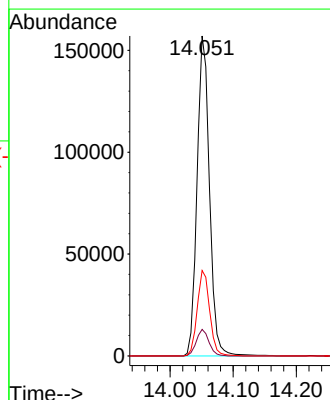
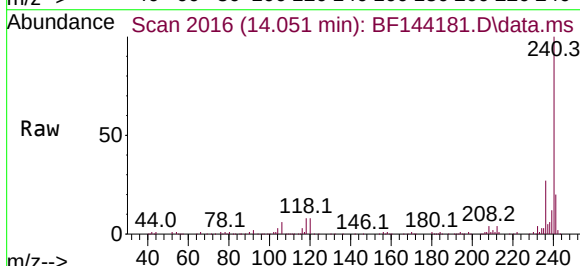
Tgt Ion:240 Resp: 214752

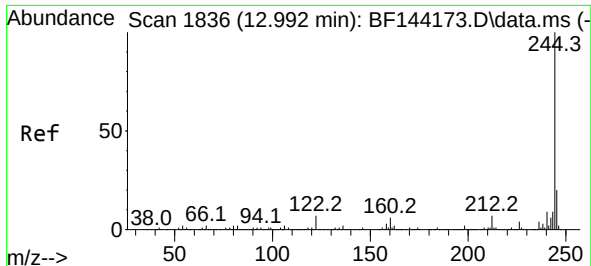
Ion Ratio Lower Upper

240 100

120 8.3 6.6 10.0

236 26.7 21.4 32.2

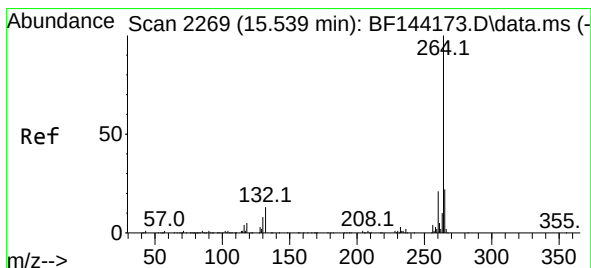
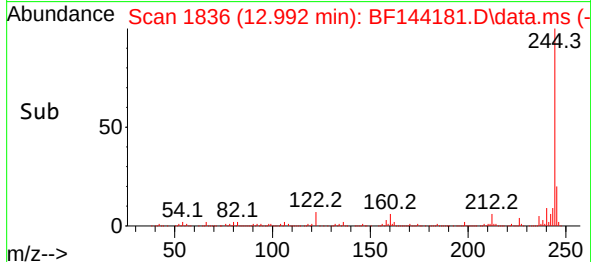
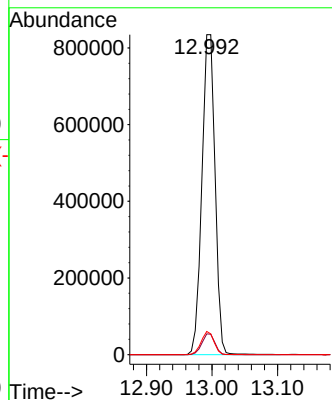
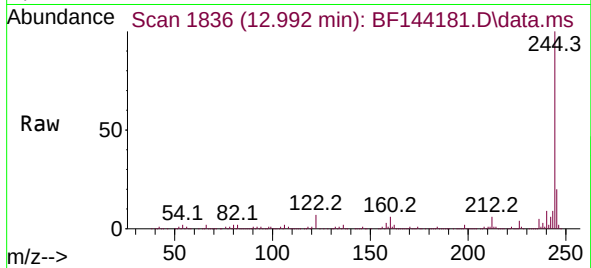




#79
 Terphenyl-d14
 Concen: 85.334 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF144181.D
 Acq: 06 Nov 2025 11:42

Instrument :
 BNA_F
 ClientSampleId :
 PB170402BL

Tgt Ion:244 Resp: 1153711
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 7.2 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: BF144181.D
 Acq: 06 Nov 2025 11:42

Tgt Ion:264 Resp: 234974
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.1 25.7
 265 21.8 17.4 26.0

