

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
 Data File : BF144189.D
 Acq On : 06 Nov 2025 15:54
 Operator : RC/JU
 Sample : Q3541-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N48969

Quant Time: Nov 06 16:40:04 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	6.869	152	68047	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	249541	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	134867	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	224075	20.000	ng	0.00
76) Chrysene-d12	14.051	240	167742	20.000	ng	0.00
86) Perylene-d12	15.533	264	139517	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	288194	66.276	ng	0.00
7) Phenol-d6	6.498	99	206130	41.836	ng	0.00
23) Nitrobenzene-d5	7.434	82	408564	94.560	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	240098	141.866	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	867119	94.959	ng	0.00
79) Terphenyl-d14	12.992	244	708852	67.124	ng	0.00

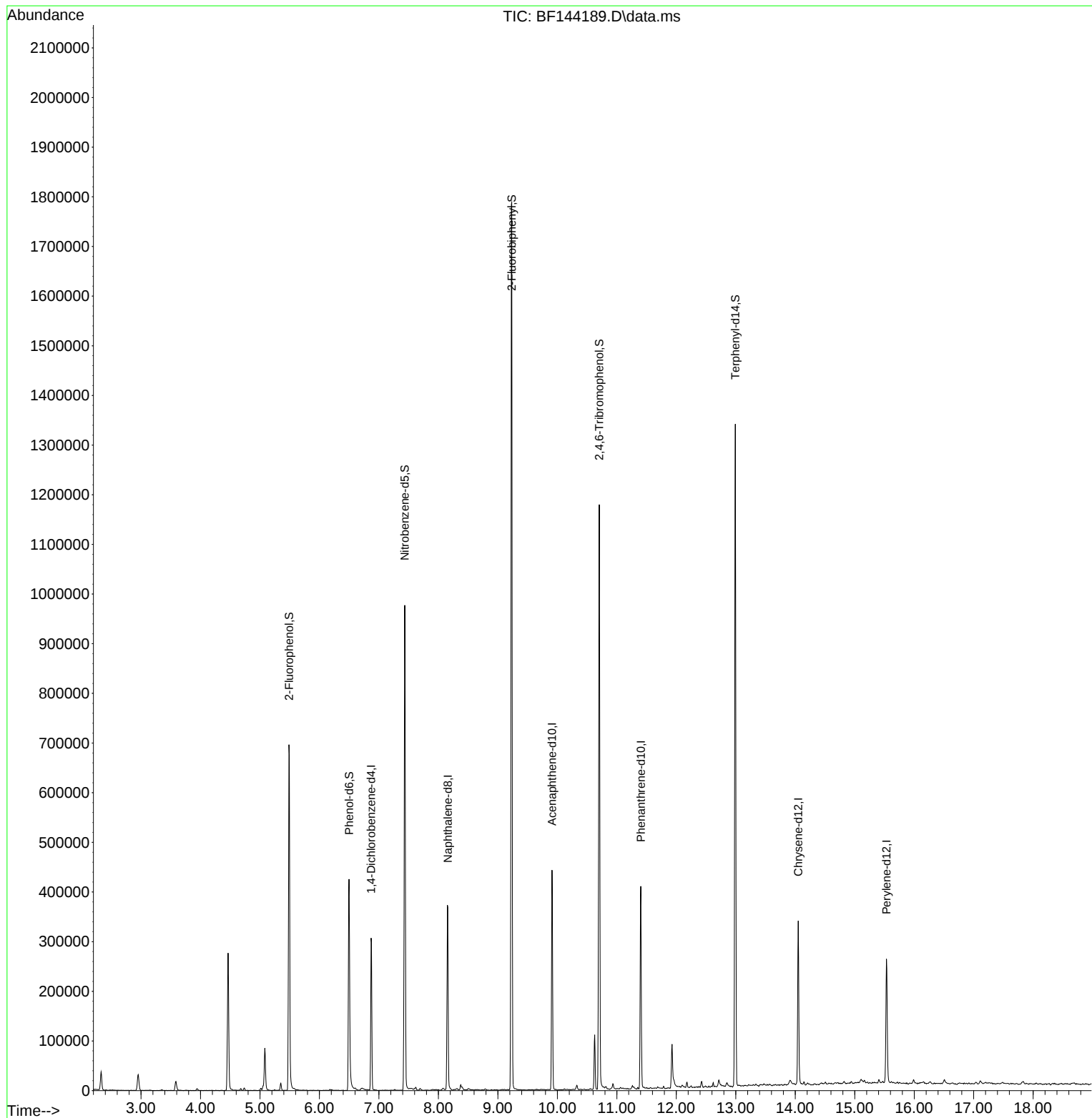
Target Compounds	Qvalue

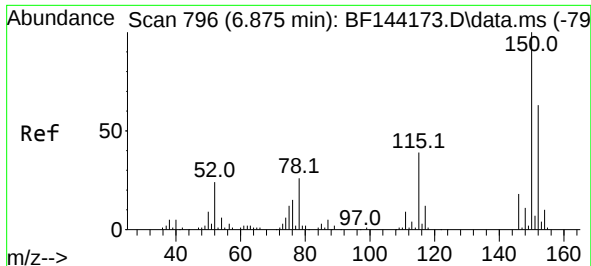
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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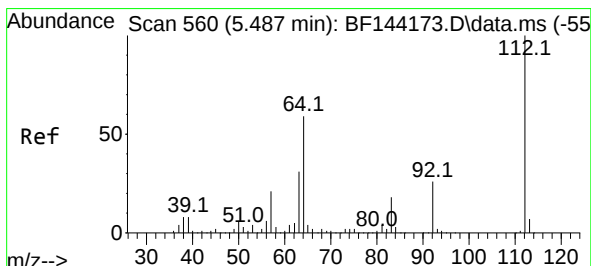
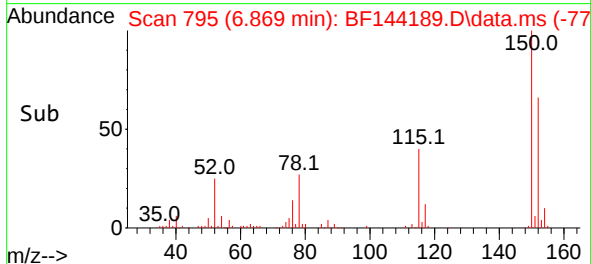
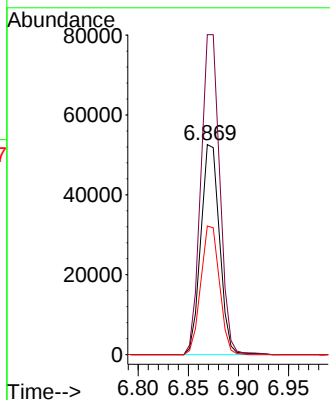
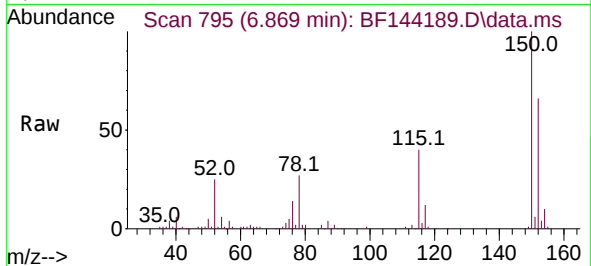




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF144189.D
Acq: 06 Nov 2025 15:54

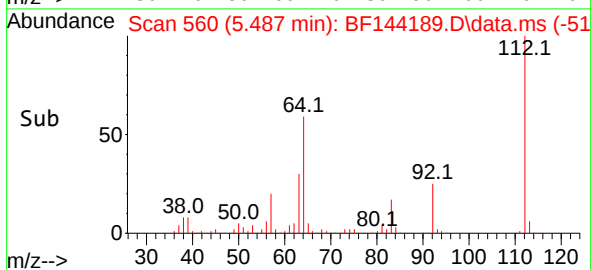
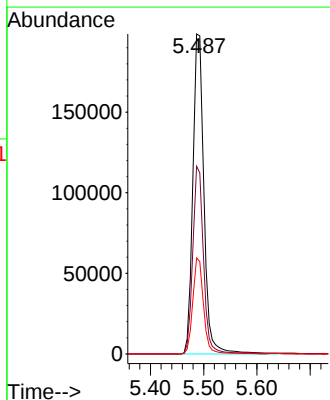
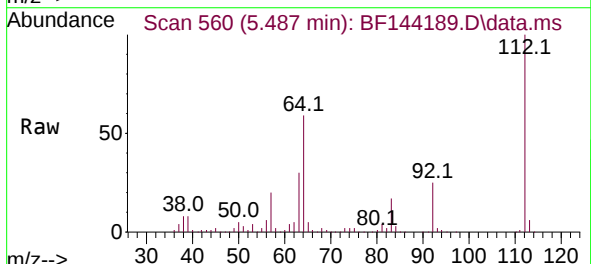
Instrument :
BNA_F
ClientSampleId :
N48969

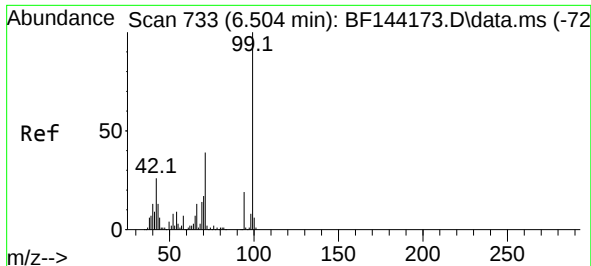
Tgt Ion:152 Resp: 68047
Ion Ratio Lower Upper
152 100
150 152.4 127.4 191.0
115 61.2 49.5 74.3



#5
2-Fluorophenol
Concen: 66.276 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144189.D
Acq: 06 Nov 2025 15:54

Tgt Ion:112 Resp: 288194
Ion Ratio Lower Upper
112 100
64 58.6 47.2 70.8
63 30.0 24.4 36.6

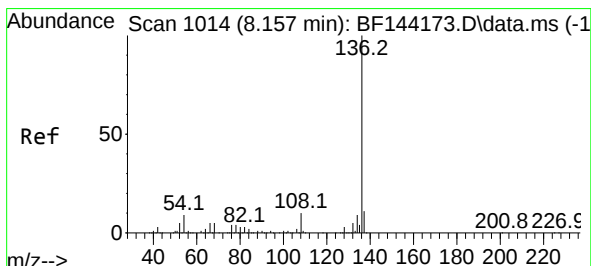
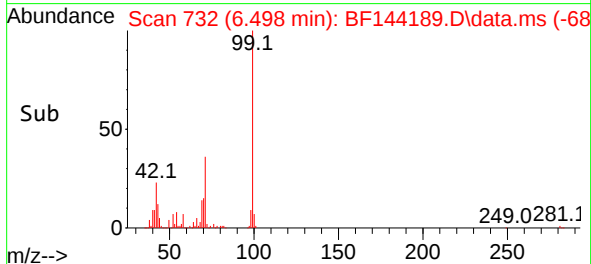
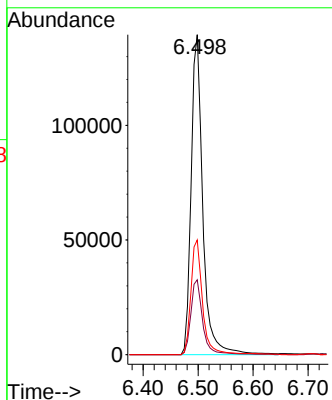
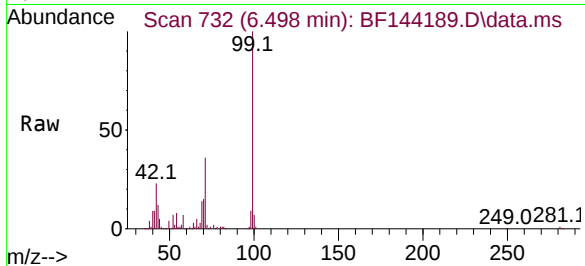




#7
Phenol-d6
Concen: 41.836 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF144189.D
Acq: 06 Nov 2025 15:54

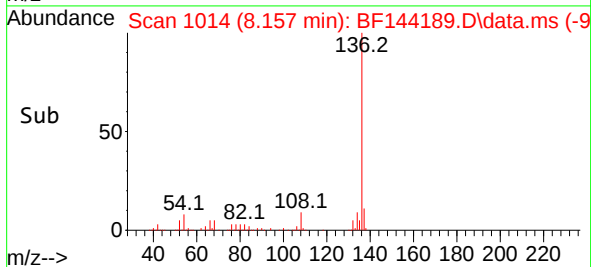
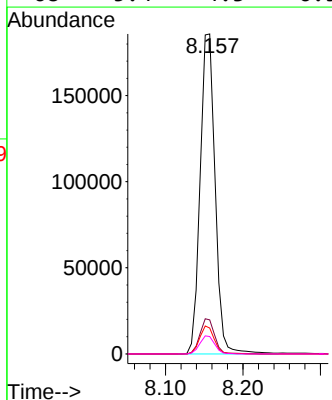
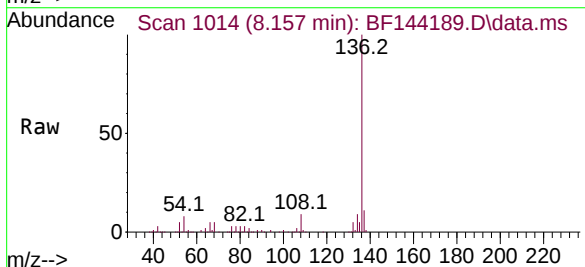
Instrument :
BNA_F
ClientSampleId :
N48969

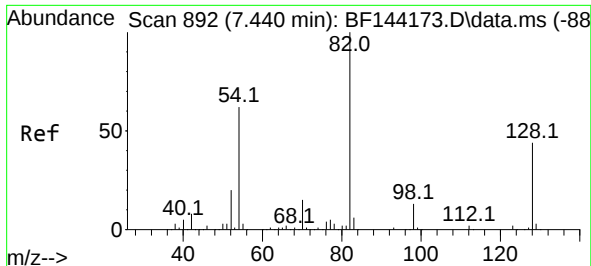
Tgt Ion: 99 Resp: 206130
Ion Ratio Lower Upper
99 100
42 23.4 20.9 31.3
71 35.8 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144189.D
Acq: 06 Nov 2025 15:54

Tgt Ion: 136 Resp: 249541
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.1 7.0 10.6
68 5.4 4.3 6.5





#23

Nitrobenzene-d5

Concen: 94.560 ng

RT: 7.434 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF144189.D

Acq: 06 Nov 2025 15:54

Instrument :

BNA_F

ClientSampleId :

N48969

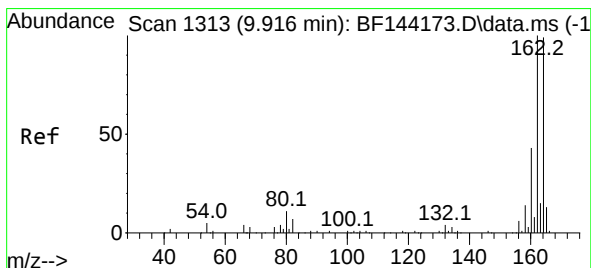
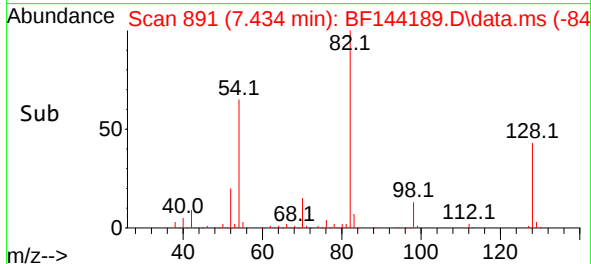
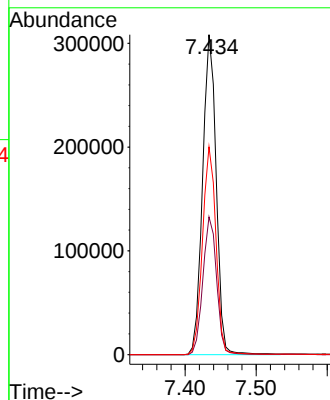
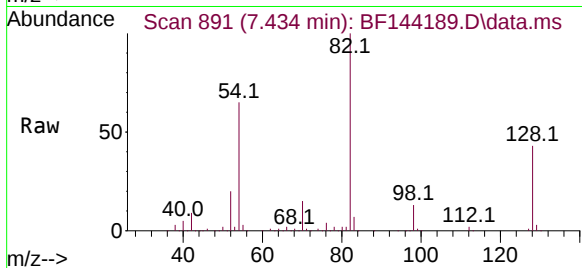
Tgt Ion: 82 Resp: 408564

Ion Ratio Lower Upper

82 100

128 43.0 34.7 52.1

54 64.9 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: BF144189.D

Acq: 06 Nov 2025 15:54

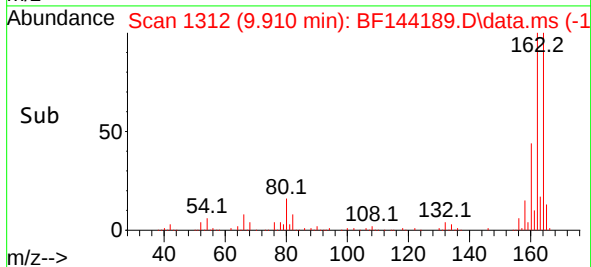
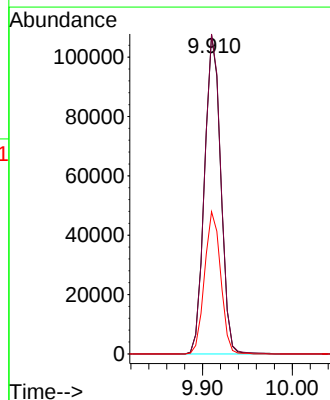
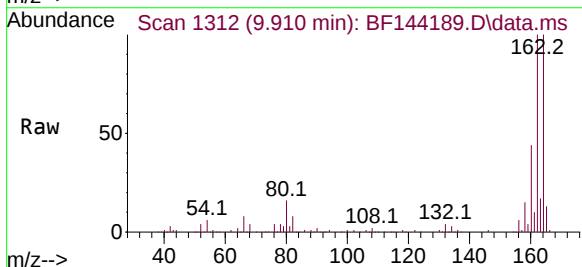
Tgt Ion:164 Resp: 134867

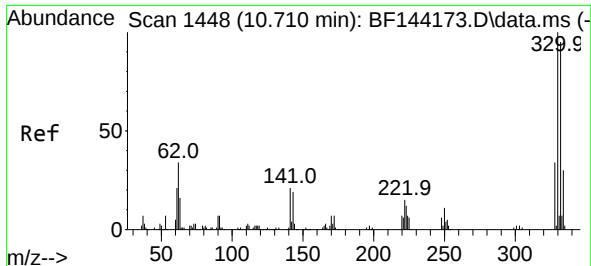
Ion Ratio Lower Upper

164 100

162 100.4 81.1 121.7

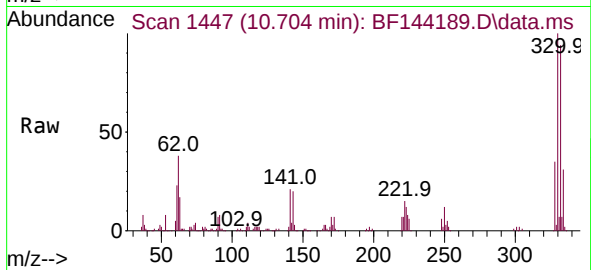
160 44.6 34.5 51.7



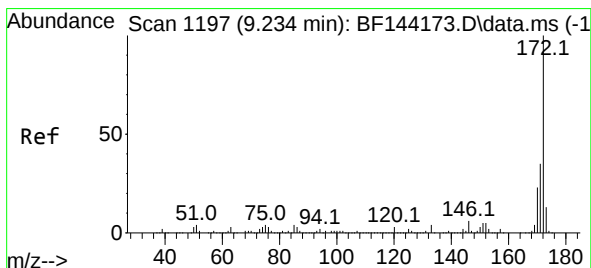
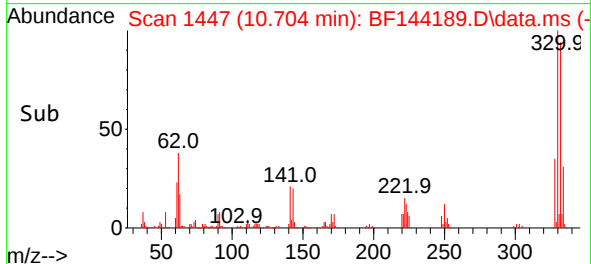
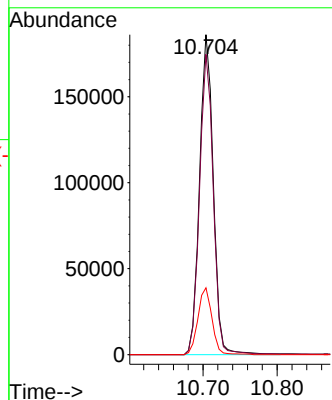


#42
2,4,6-Tribromophenol
Concen: 141.866 ng
RT: 10.704 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF144189.D
Acq: 06 Nov 2025 15:54

Instrument :
BNA_F
ClientSampleId :
N48969

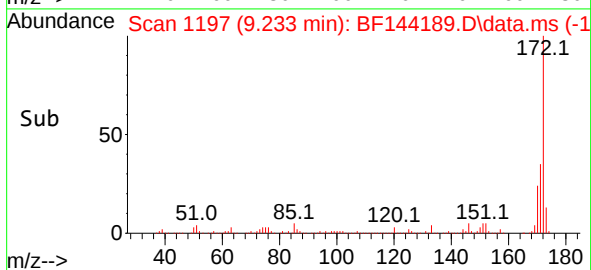
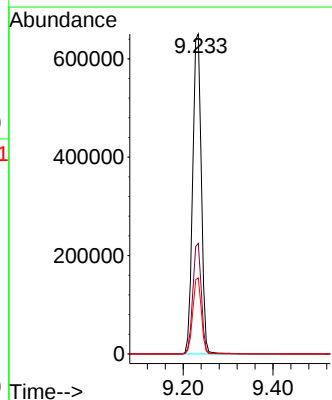
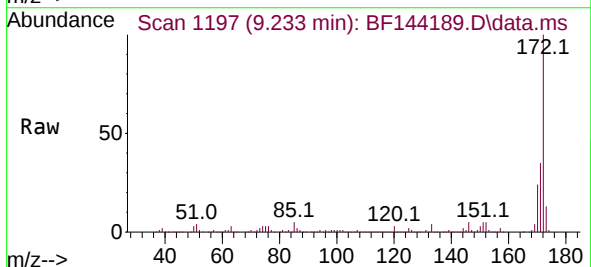


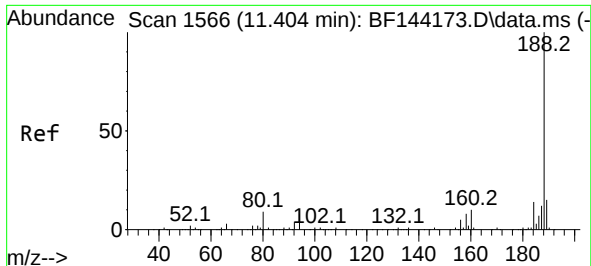
Tgt Ion:330 Resp: 240098
Ion Ratio Lower Upper
330 100
332 93.8 76.7 115.1
141 21.3 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 94.959 ng
RT: 9.233 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144189.D
Acq: 06 Nov 2025 15:54

Tgt Ion:172 Resp: 867119
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.8 18.6 28.0

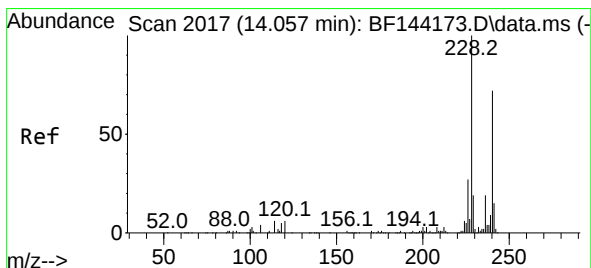
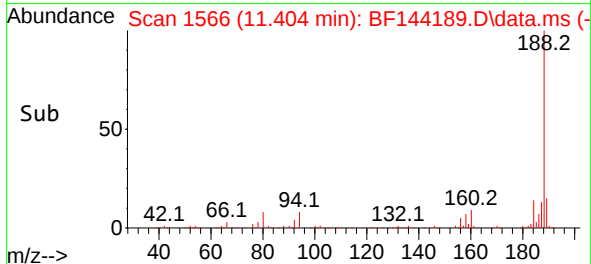
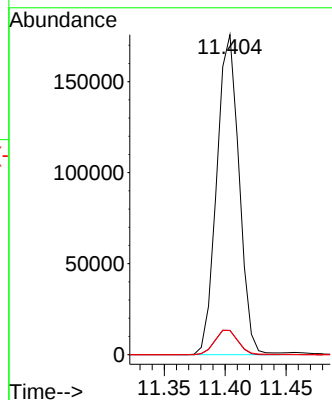
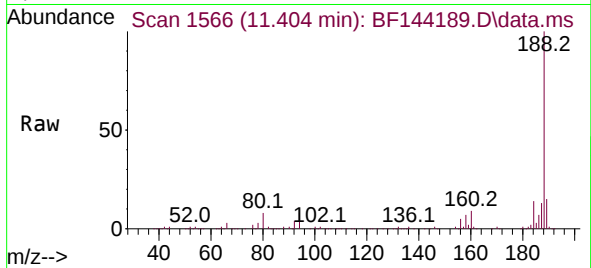




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144189.D
Acq: 06 Nov 2025 15:54

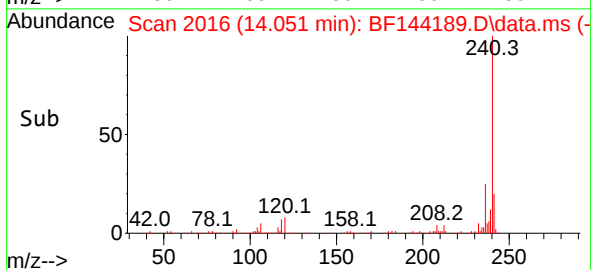
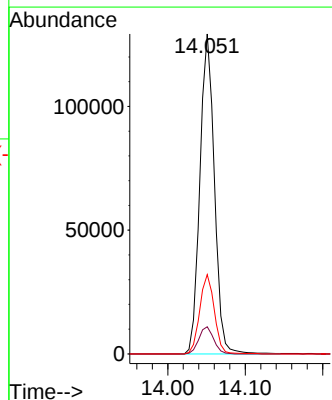
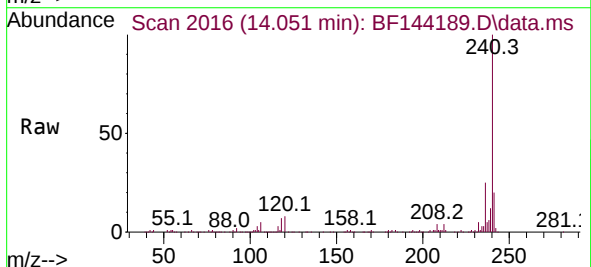
Instrument :
BNA_F
ClientSampleId :
N48969

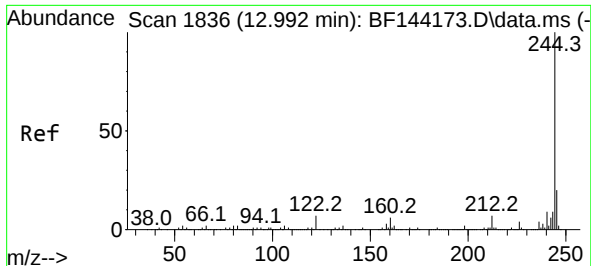
Tgt Ion:188 Resp: 224075
Ion Ratio Lower Upper
188 100
94 7.6 6.2 9.2
80 7.5 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF144189.D
Acq: 06 Nov 2025 15:54

Tgt Ion:240 Resp: 167742
Ion Ratio Lower Upper
240 100
120 8.5 6.6 10.0
236 24.8 21.4 32.2

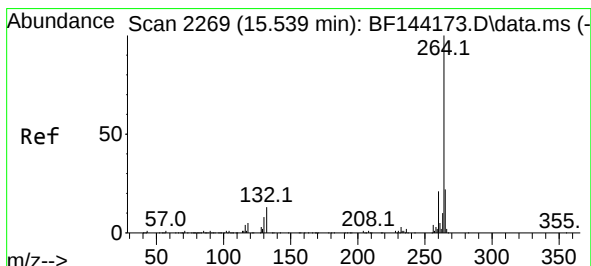
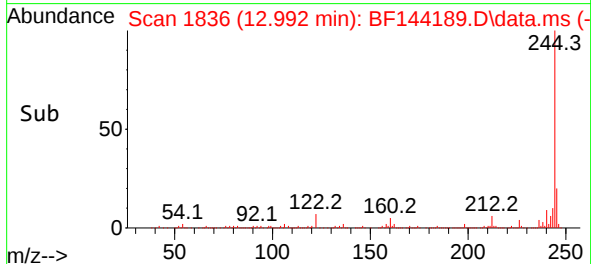
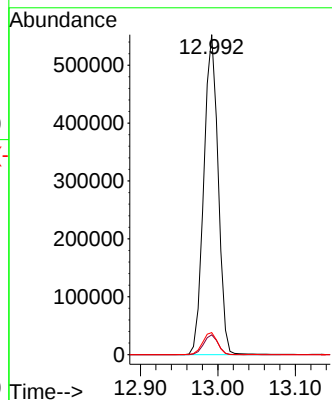
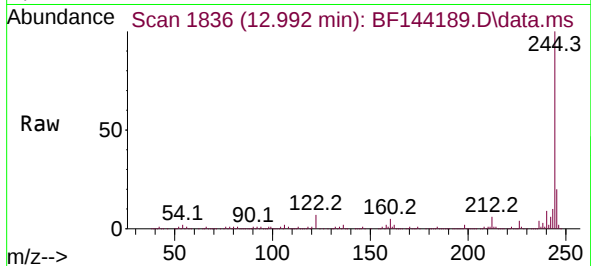




#79
 Terphenyl-d14
 Concen: 67.124 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF144189.D
 Acq: 06 Nov 2025 15:54

Instrument :
 BNA_F
 ClientSampleId :
 N48969

Tgt Ion:244 Resp: 708852
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.3 7.9
 122 6.9 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF144189.D
 Acq: 06 Nov 2025 15:54

Tgt Ion:264 Resp: 139517
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.1 25.7
 265 21.4 17.4 26.0

