

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144213.D
 Acq On : 11 Nov 2025 20:29
 Operator : RC/JU
 Sample : Q3598-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-CONCRETE

Quant Time: Nov 12 03:45:40 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	71793	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	279998	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	164065	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	303150	20.000	ng	0.00
76) Chrysene-d12	14.057	240	177903	20.000	ng	0.00
86) Perylene-d12	15.539	264	191594	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	525547	114.554	ng	0.02
7) Phenol-d6	6.504	99	558793	107.495	ng	0.00
23) Nitrobenzene-d5	7.434	82	422249	87.097	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	294709	143.144	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	886035	79.762	ng	0.00
79) Terphenyl-d14	12.998	244	1125794	100.516	ng	0.00

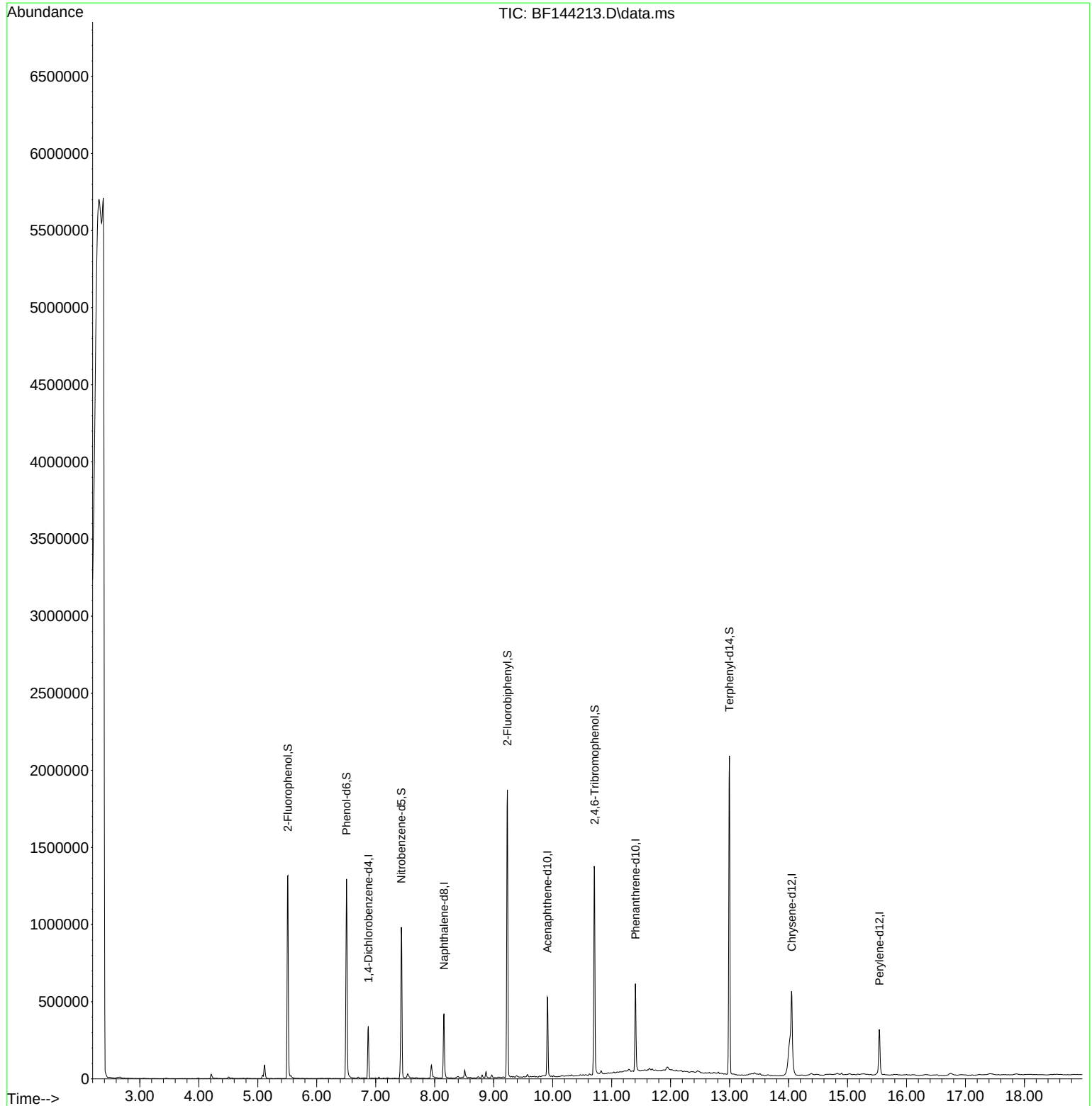
Target Compounds Qvalue

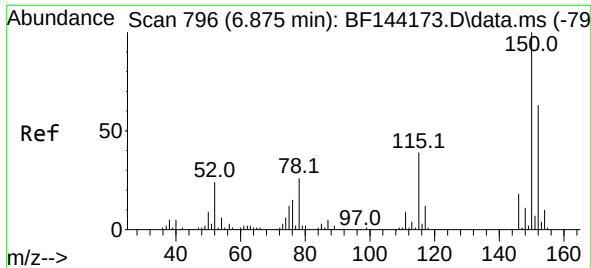
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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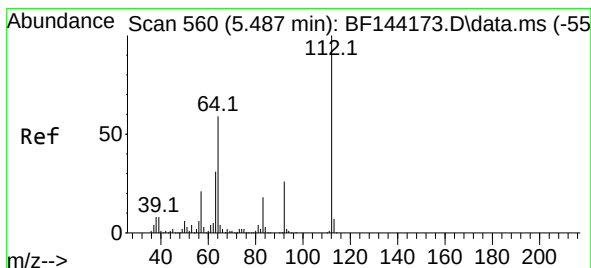
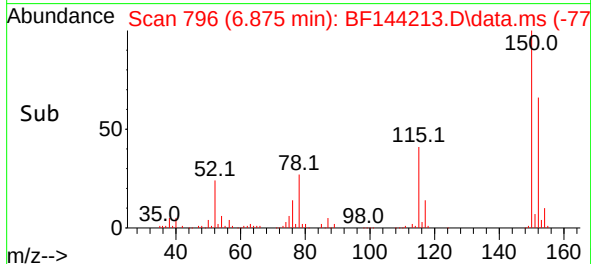
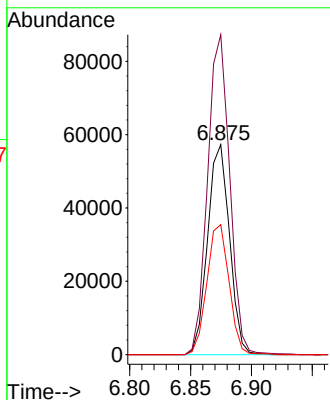
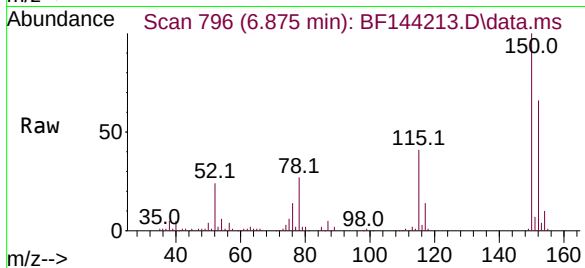




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: BF144213.D
 Acq: 11 Nov 2025 20:29

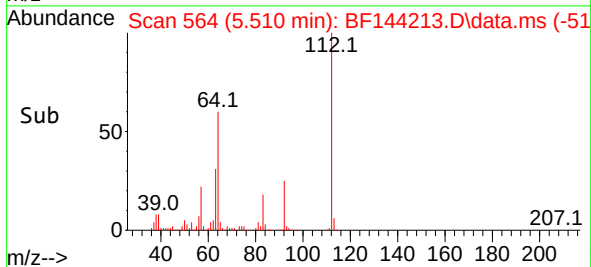
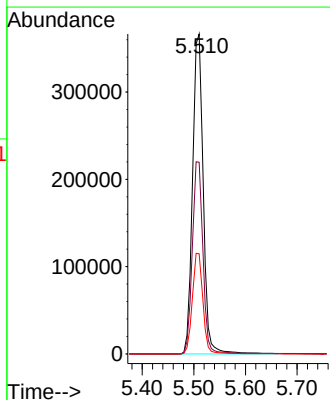
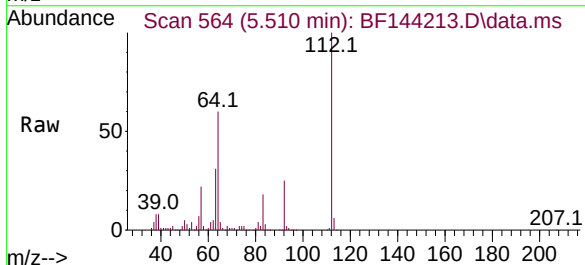
Instrument :
 BNA_F
 ClientSampleId :
 EO-CONCRETE

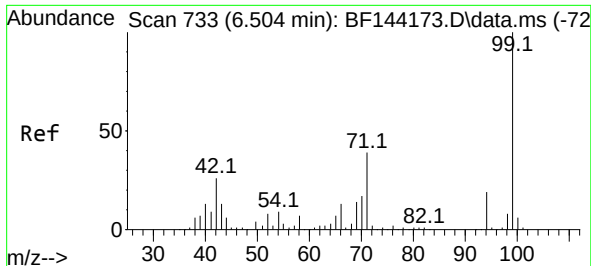
Tgt Ion:152 Resp: 71793
 Ion Ratio Lower Upper
 152 100
 150 152.4 127.4 191.0
 115 62.0 49.5 74.3



#5
 2-Fluorophenol
 Concen: 114.554 ng
 RT: 5.510 min Scan# 564
 Delta R.T. 0.018 min
 Lab File: BF144213.D
 Acq: 11 Nov 2025 20:29

Tgt Ion:112 Resp: 525547
 Ion Ratio Lower Upper
 112 100
 64 59.9 47.2 70.8
 63 31.3 24.4 36.6

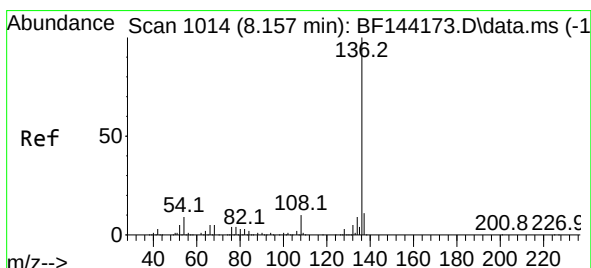
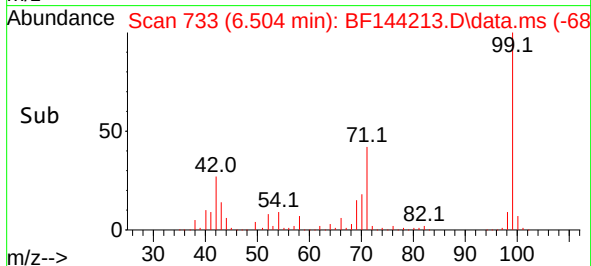
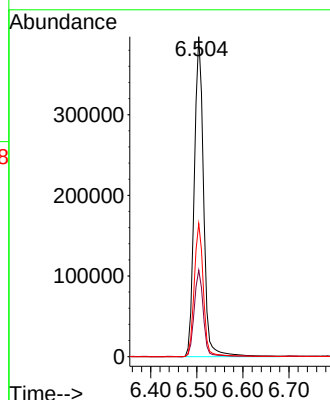
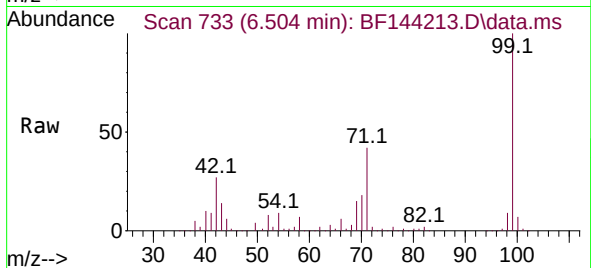




#7
Phenol-d6
Concen: 107.495 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF144213.D
Acq: 11 Nov 2025 20:29

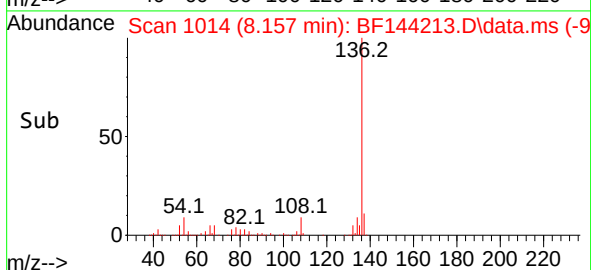
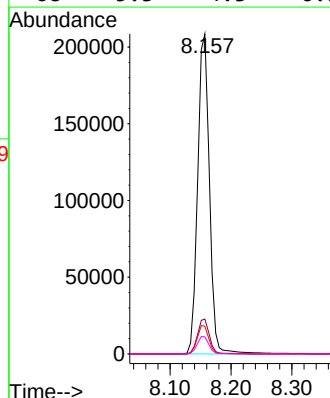
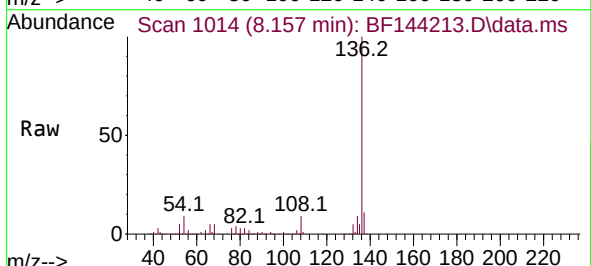
Instrument :
BNA_F
ClientSampleId :
EO-CONCRETE

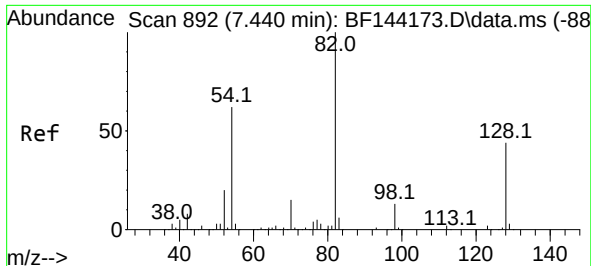
Tgt Ion: 99 Resp: 558793
Ion Ratio Lower Upper
99 100
42 27.0 20.9 31.3
71 41.6 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144213.D
Acq: 11 Nov 2025 20:29

Tgt Ion: 136 Resp: 279998
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 7.0 10.6
68 5.3 4.3 6.5

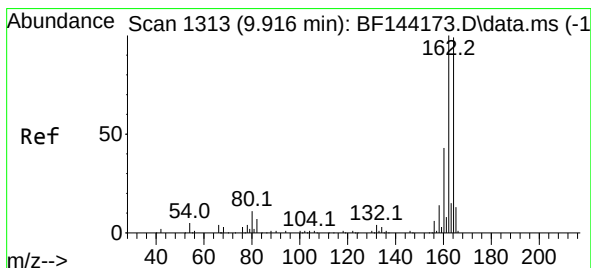
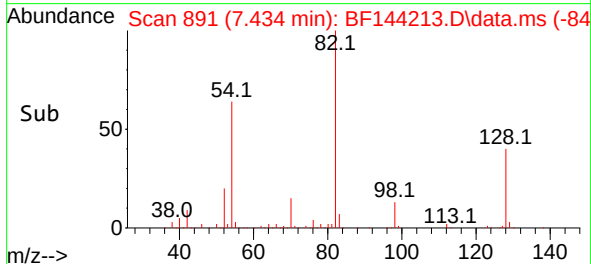
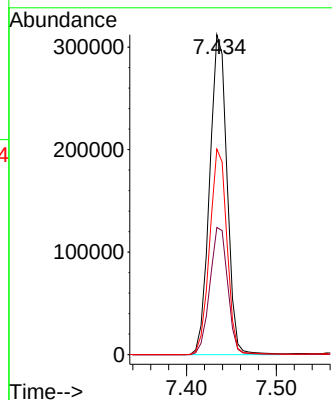
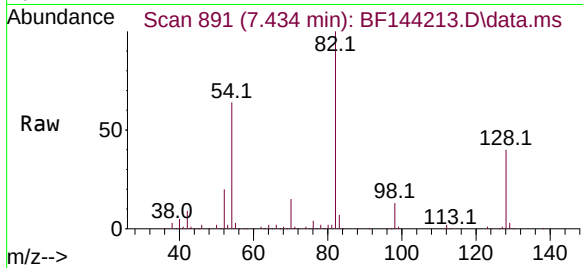




#23
Nitrobenzene-d5
Concen: 87.097 ng
RT: 7.434 min Scan# 89
Delta R.T. -0.000 min
Lab File: BF144213.D
Acq: 11 Nov 2025 20:29

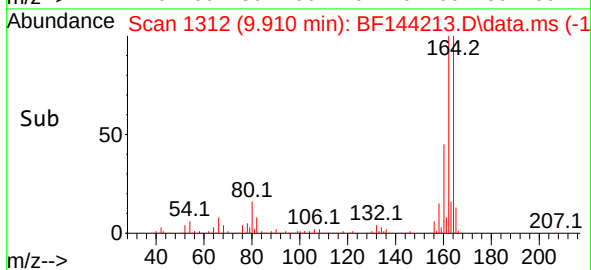
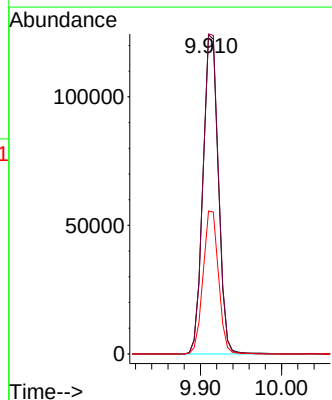
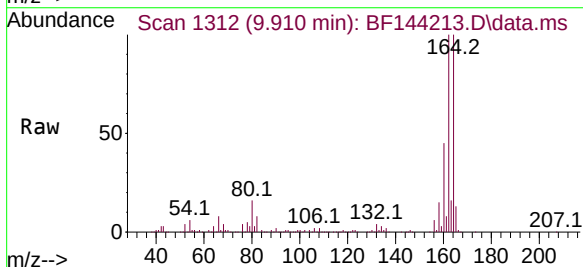
Instrument :
BNA_F
ClientSampleId :
EO-CONCRETE

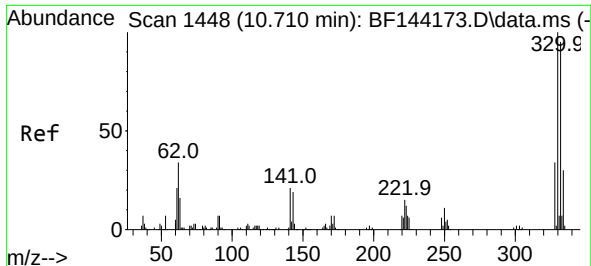
Tgt Ion: 82 Resp: 422249
Ion Ratio Lower Upper
82 100
128 39.7 34.7 52.1
54 64.2 49.5 74.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF144213.D
Acq: 11 Nov 2025 20:29

Tgt Ion:164 Resp: 164065
Ion Ratio Lower Upper
164 100
162 100.3 81.1 121.7
160 44.8 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 143.144 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.006 min

Lab File: BF144213.D

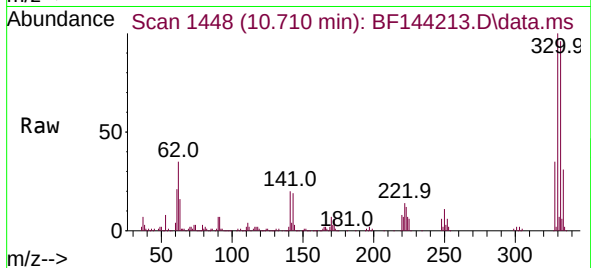
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Instrument :

BNA_F

ClientSampleId :

EO-CONCRETE



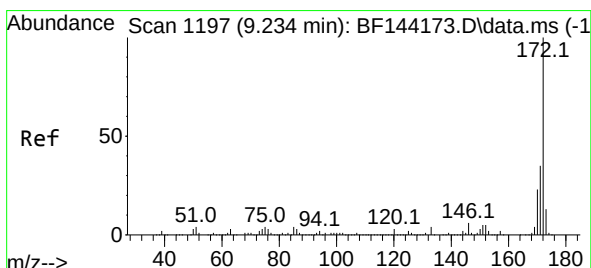
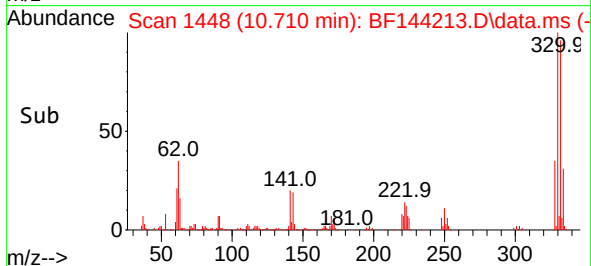
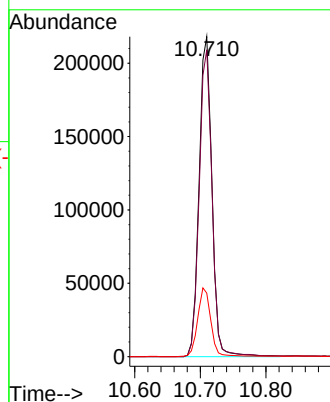
Tgt Ion:330 Resp: 294709

Ion Ratio Lower Upper

330 100

332 96.0 76.7 115.1

141 22.3 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 79.762 ng

RT: 9.233 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF144213.D

Acq: 11 Nov 2025 20:29

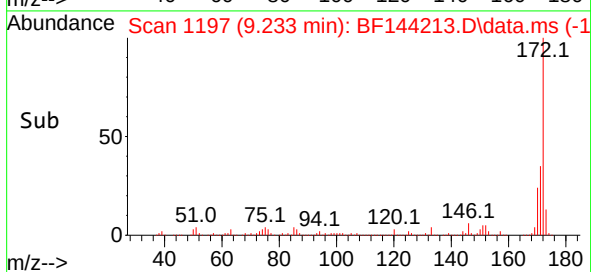
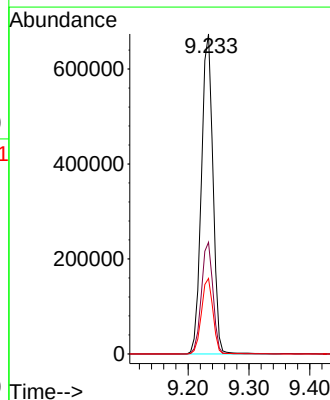
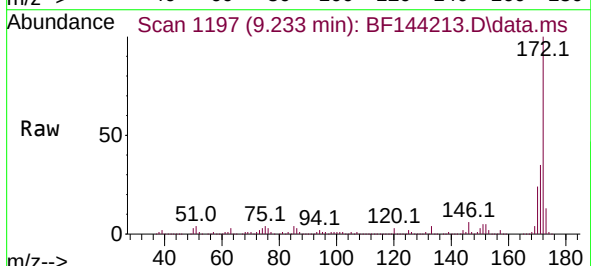
Tgt Ion:172 Resp: 886035

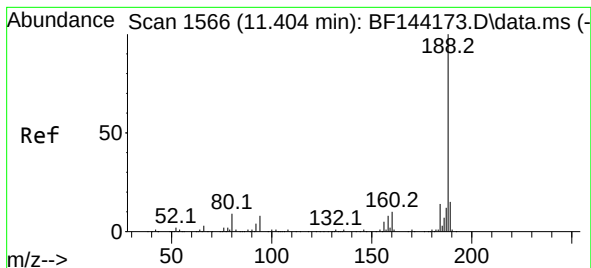
Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.6 18.6 28.0

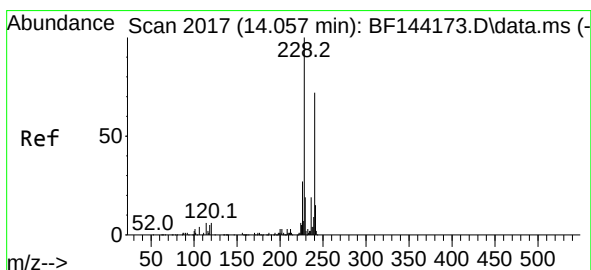
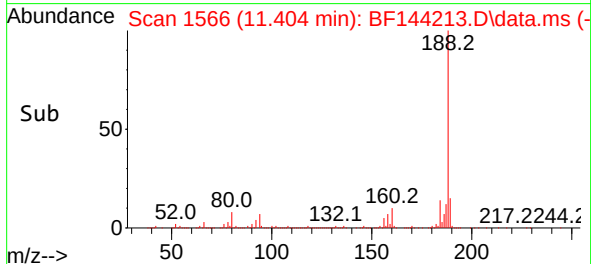
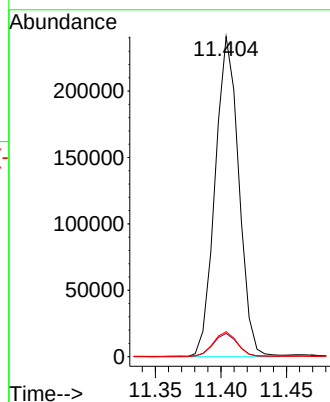
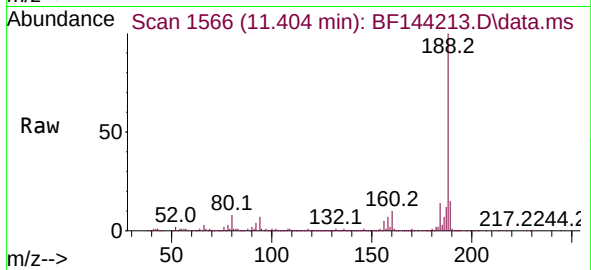




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144213.D
Acq: 11 Nov 2025 20:29

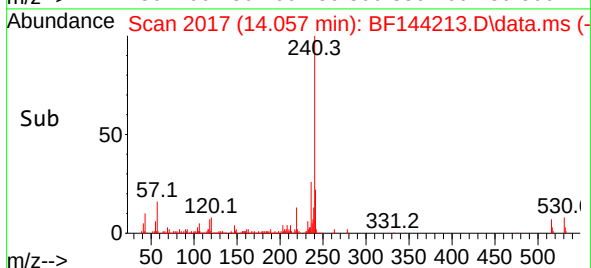
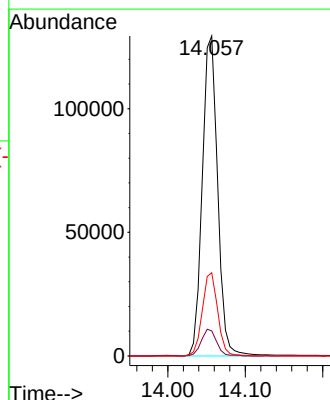
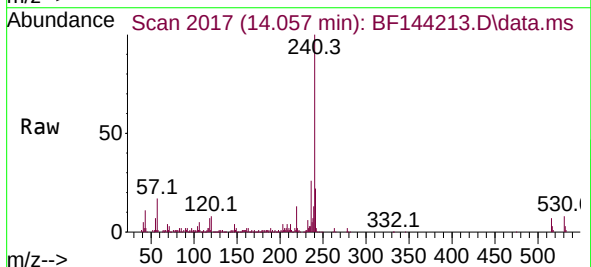
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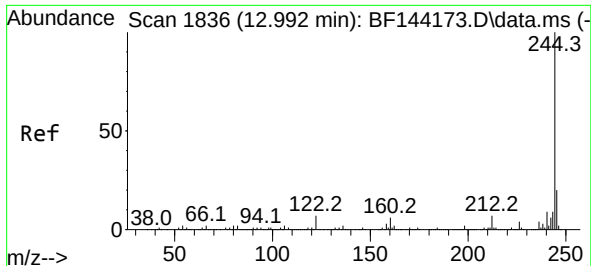
Tgt Ion:188 Resp: 303150
Ion Ratio Lower Upper
188 100
94 7.2 6.2 9.2
80 7.8 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 1717
Delta R.T. 0.006 min
Lab File: BF144213.D
Acq: 11 Nov 2025 20:29

Tgt Ion:240 Resp: 177903
Ion Ratio Lower Upper
240 100
120 7.8 6.6 10.0
236 26.0 21.4 32.2

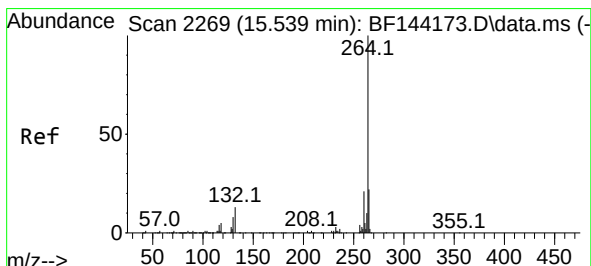
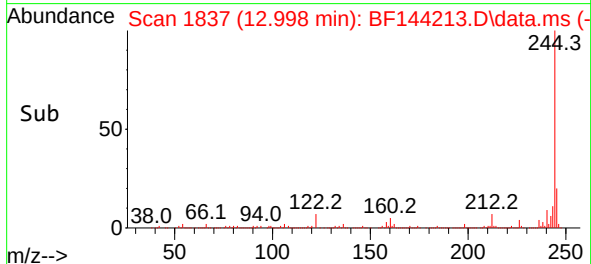
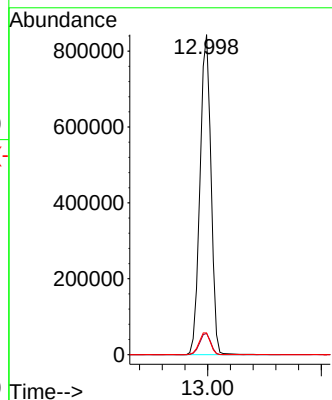
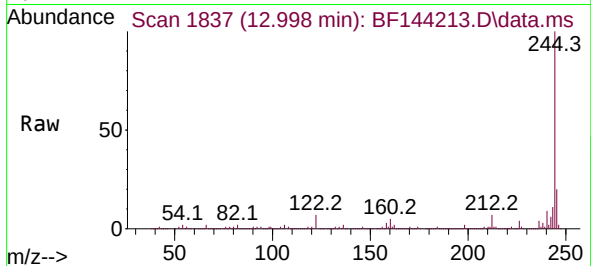




#79
 Terphenyl-d14
 Concen: 100.516 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.006 min
 Lab File: BF144213.D
 Acq: 11 Nov 2025 20:29

Instrument :
 BNA_F
 ClientSampleId :
 EO-CONCRETE

Tgt Ion:244 Resp: 1125794
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 6.8 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: BF144213.D
 Acq: 11 Nov 2025 20:29

Tgt Ion:264 Resp: 191594
 Ion Ratio Lower Upper
 264 100
 260 21.8 17.1 25.7
 265 20.7 17.4 26.0

