

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
 Data File : BF143961.D
 Acq On : 15 Oct 2025 19:25
 Operator : RC/JU
 Sample : Q3340-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-2

Quant Time: Oct 16 11:10:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.880	152	109875	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	426064	20.00	ng	0.00
39) Acenaphthene-d10	9.921	164	231964	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	402729	20.00	ng	0.00
76) Chrysene-d12	14.056	240	225880	20.00	ng	-0.01
86) Perylene-d12	15.545	264	222223	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	409924	59.24	ng	0.00
7) Phenol-d6	6.498	99	563247	68.29	ng	-0.02
23) Nitrobenzene-d5	7.439	82	384642	54.85	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	88313	38.22	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	787154	53.84	ng	-0.01
79) Terphenyl-d14	12.998	244	794436	60.11	ng	-0.01

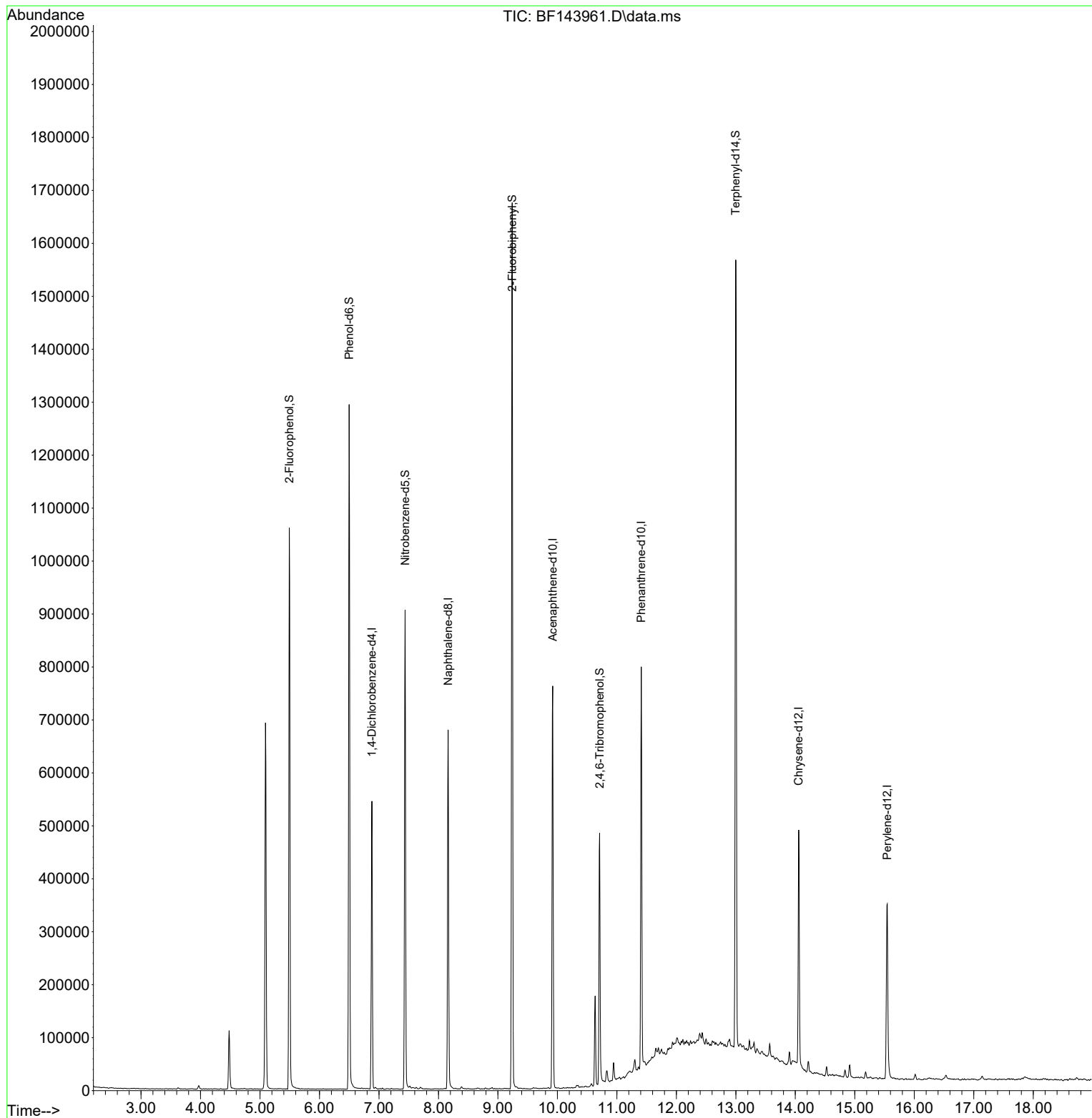
Target Compounds	Qvalue

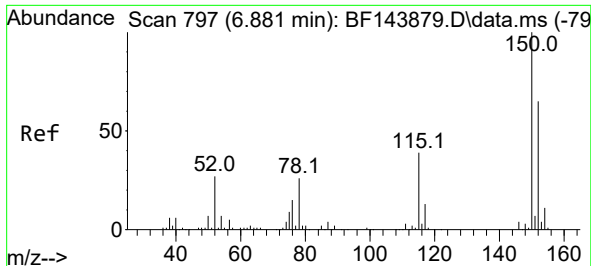
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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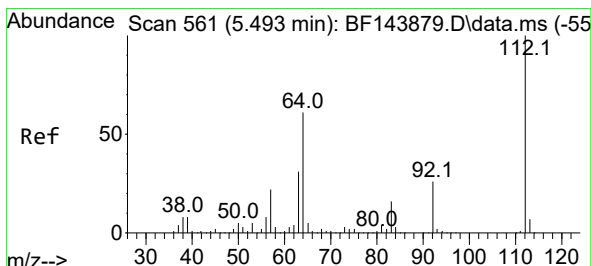
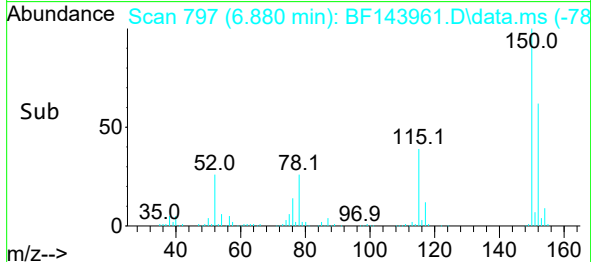
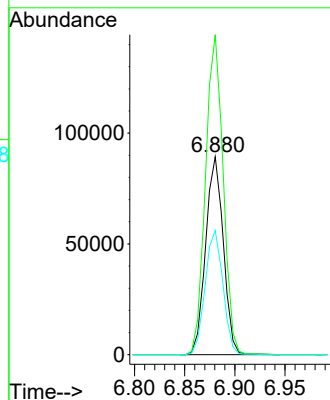
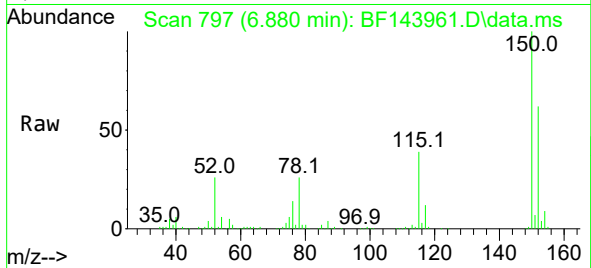




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.880 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF143961.D
Acq: 15 Oct 2025 19:25

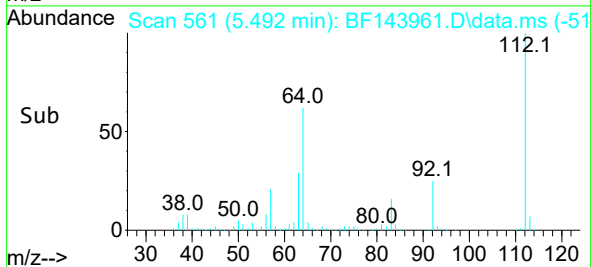
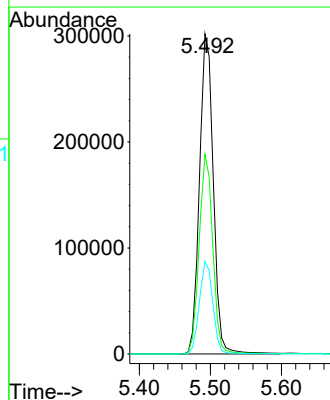
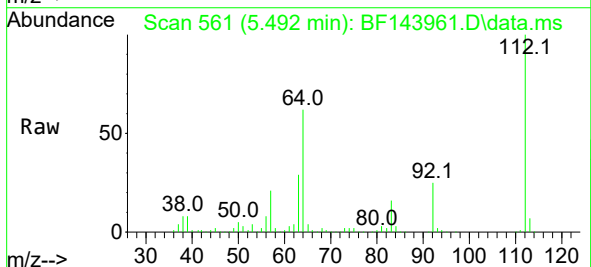
Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

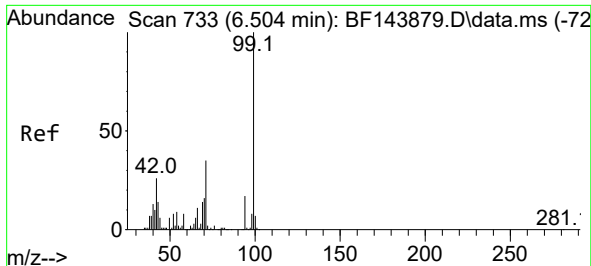
Tgt Ion:152 Resp: 109875
Ion Ratio Lower Upper
152 100
150 161.6 124.4 186.6
115 62.7 48.1 72.1



#5
2-Fluorophenol
Concen: 59.24 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143961.D
Acq: 15 Oct 2025 19:25

Tgt Ion:112 Resp: 409924
Ion Ratio Lower Upper
112 100
64 62.3 49.1 73.7
63 29.0 24.5 36.7

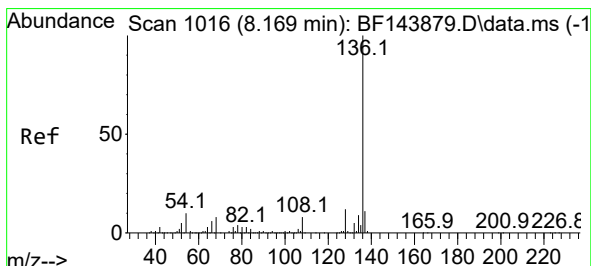
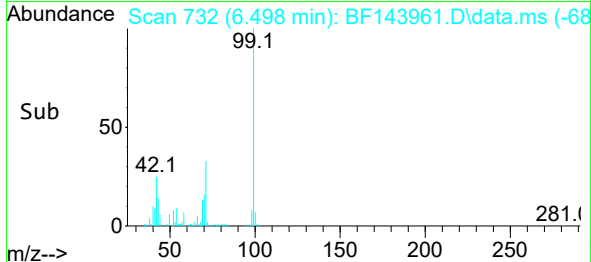
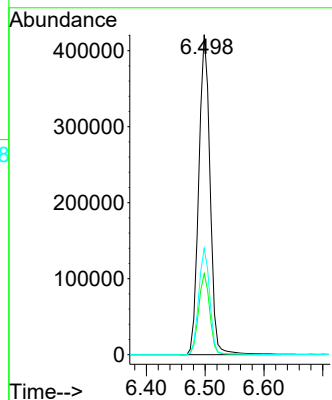
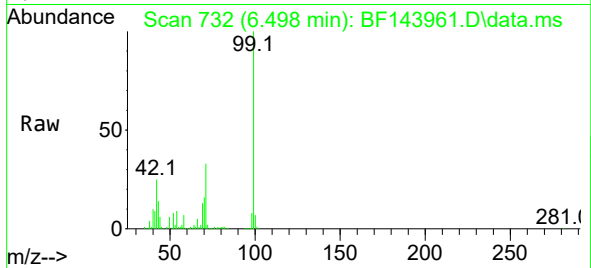




#7
Phenol-d6
Concen: 68.29 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF143961.D
Acq: 15 Oct 2025 19:25

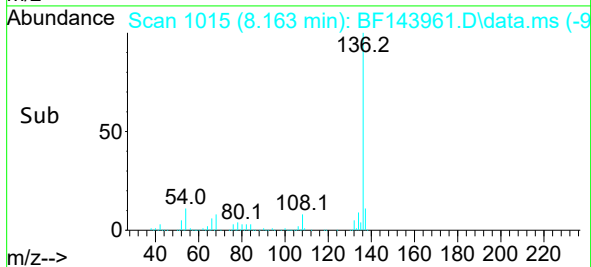
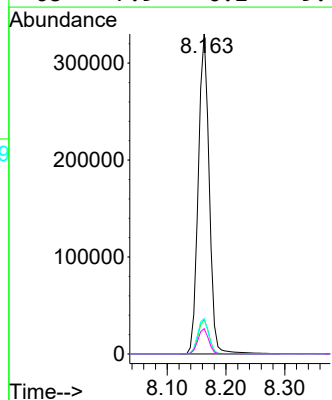
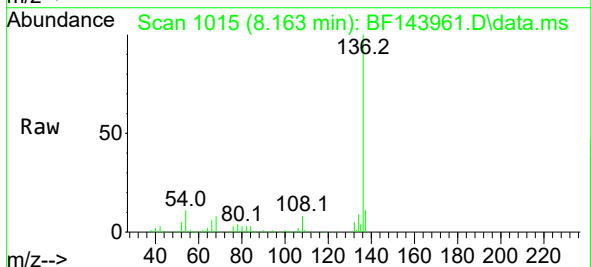
Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

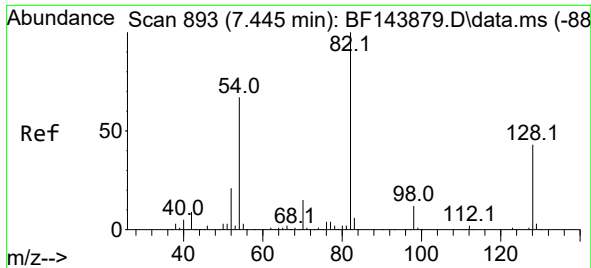
Tgt Ion: 99 Resp: 563247
Ion Ratio Lower Upper
99 100
42 25.4 21.0 31.4
71 33.3 27.8 41.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143961.D
Acq: 15 Oct 2025 19:25

Tgt Ion: 136 Resp: 426064
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 11.1 8.2 12.4
68 7.9 6.2 9.4





#23

Nitrobenzene-d5

Concen: 54.85 ng

RT: 7.439 min Scan# 893

Delta R.T. -0.018 min

Lab File: BF143961.D

Acq: 15 Oct 2025 19:25

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2

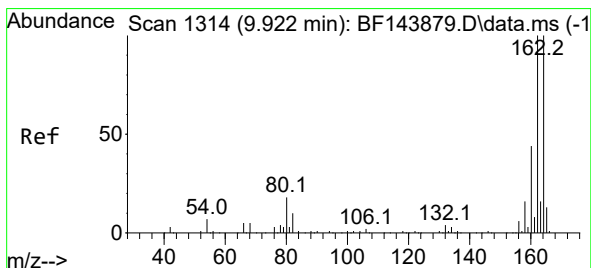
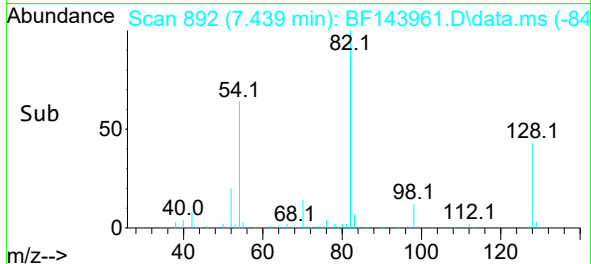
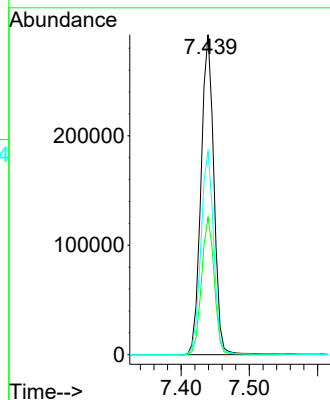
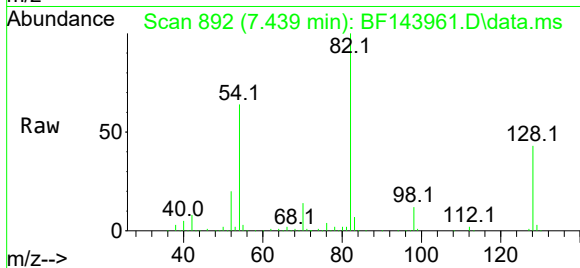
Tgt Ion: 82 Resp: 384642

Ion Ratio Lower Upper

82 100

128 42.9 34.0 51.0

54 63.5 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.921 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF143961.D

Acq: 15 Oct 2025 19:25

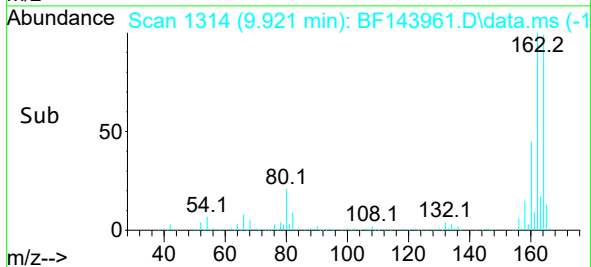
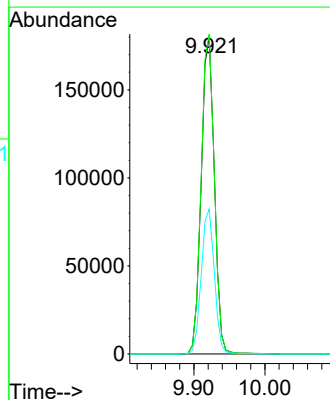
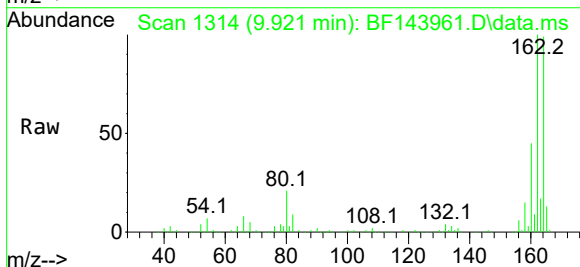
Tgt Ion:164 Resp: 231964

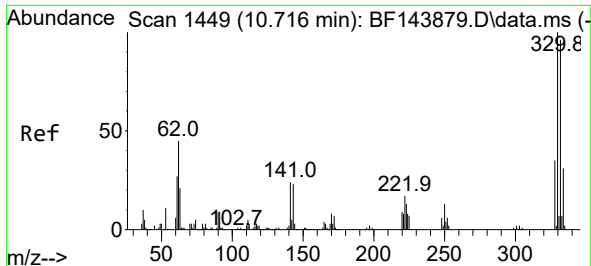
Ion Ratio Lower Upper

164 100

162 100.8 80.2 120.2

160 45.7 35.4 53.0

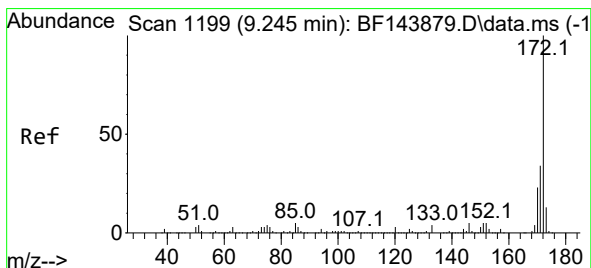
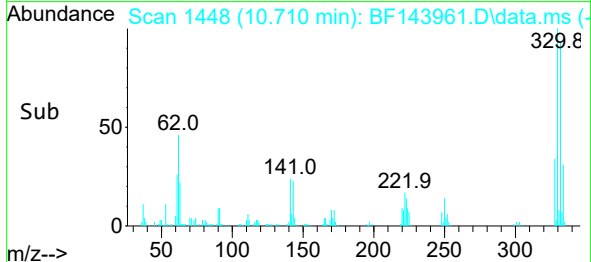
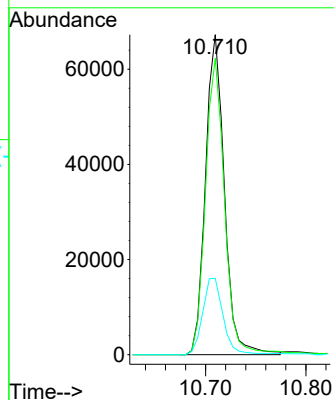
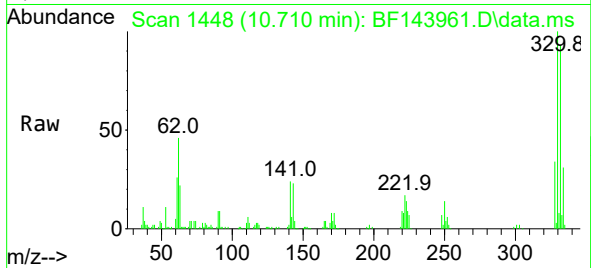




#42
2,4,6-Tribromophenol
Concen: 38.22 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF143961.D
Acq: 15 Oct 2025 19:25

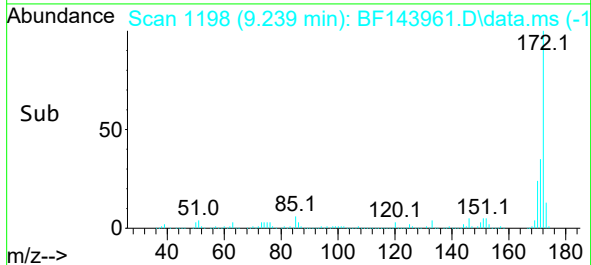
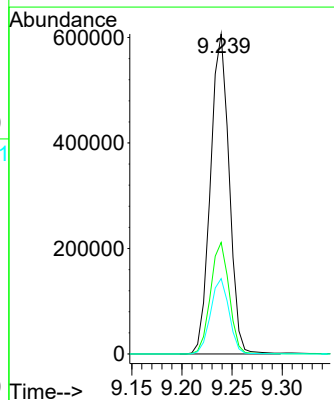
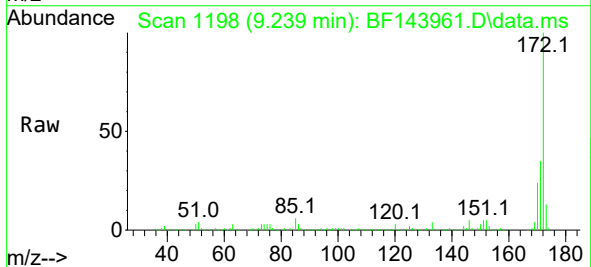
Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

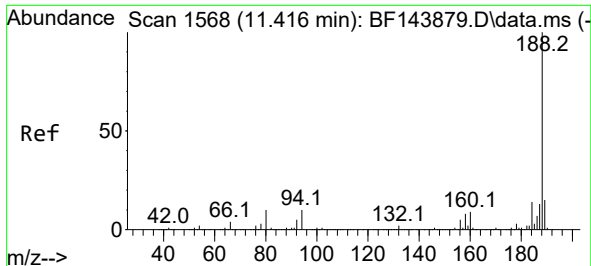
Tgt Ion:330 Resp: 88313
Ion Ratio Lower Upper
330 100
332 94.2 76.9 115.3
141 26.3 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 53.84 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143961.D
Acq: 15 Oct 2025 19:25

Tgt Ion:172 Resp: 787154
Ion Ratio Lower Upper
172 100
171 34.9 27.4 41.0
170 23.6 18.6 28.0

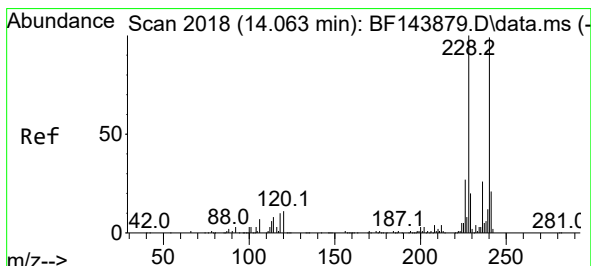
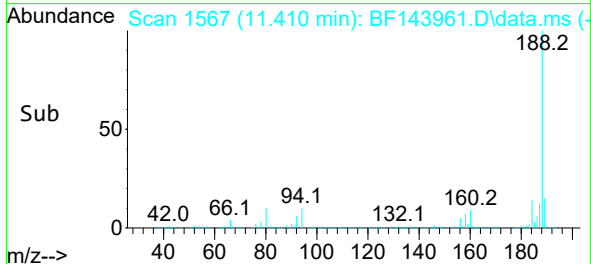
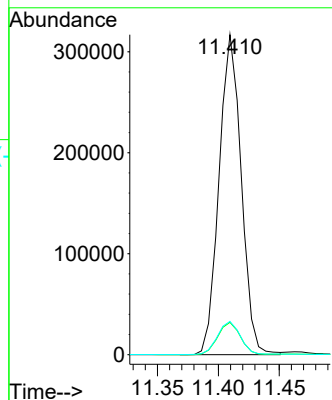
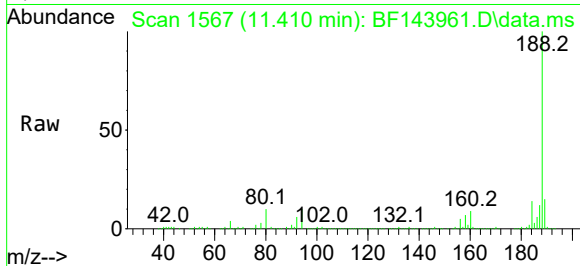




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143961.D
Acq: 15 Oct 2025 19:25

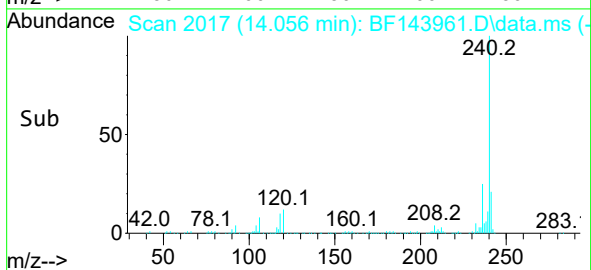
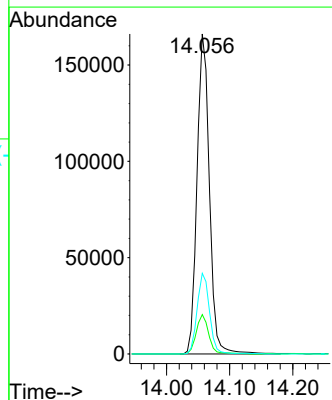
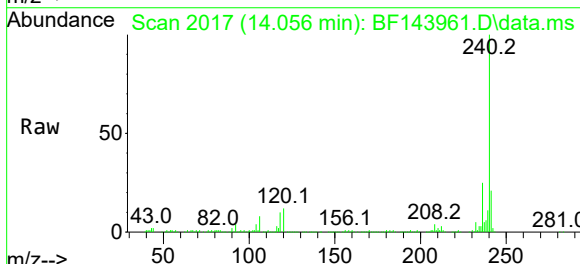
Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

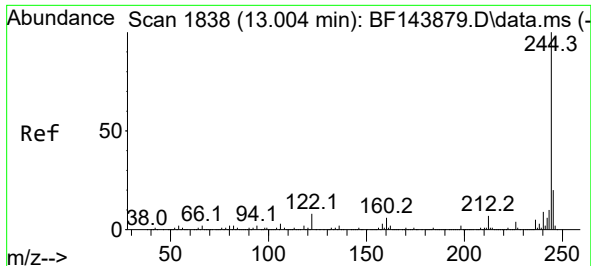
Tgt Ion:188 Resp: 402729
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 10.4 7.9 11.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.056 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF143961.D
Acq: 15 Oct 2025 19:25

Tgt Ion:240 Resp: 225880
Ion Ratio Lower Upper
240 100
120 12.3 8.6 13.0
236 25.2 21.1 31.7

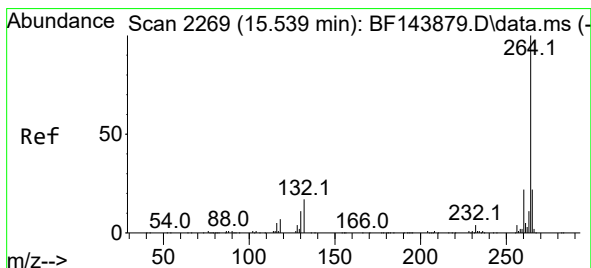
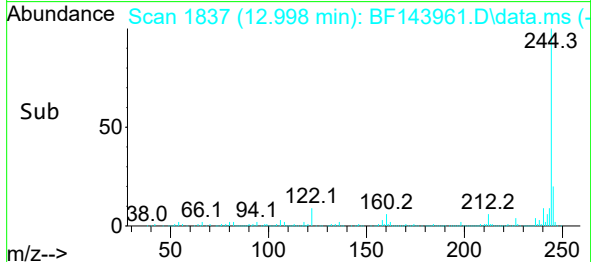
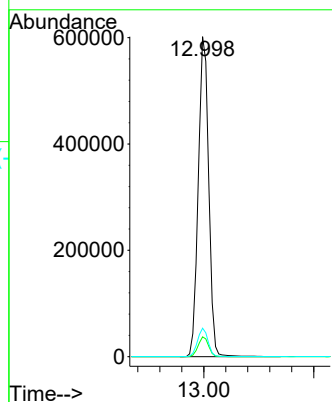
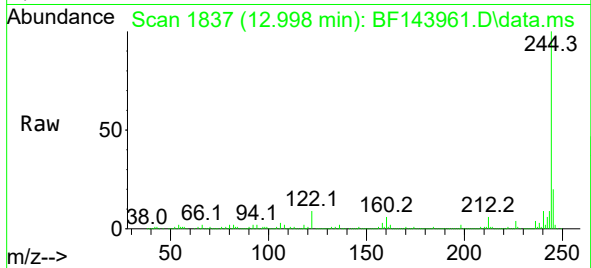




#79
 Terphenyl-d14
 Concen: 60.11 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF143961.D
 Acq: 15 Oct 2025 19:25

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-2

Tgt Ion:244 Resp: 794436
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 8.9 6.4 9.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF143961.D
 Acq: 15 Oct 2025 19:25

Tgt Ion:264 Resp: 222223
 Ion Ratio Lower Upper
 264 100
 260 22.1 17.8 26.8
 265 21.7 17.5 26.3

