

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
 Data File : BF143443.D
 Acq On : 18 Aug 2025 16:04
 Operator : RC/JU
 Sample : Q2874-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELI-HQ-CONCRETE

Quant Time: Aug 18 16:30:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	97575	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	342091	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	169694	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	261895	20.000	ng	0.00
76) Chrysene-d12	14.080	240	277684	20.000	ng	0.00
86) Perylene-d12	15.574	264	299941	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	319433	56.908	ng	0.00
7) Phenol-d6	6.551	99	463427	65.512	ng	0.00
23) Nitrobenzene-d5	7.481	82	295780	51.306	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	74652	49.425	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	596594	59.134	ng	0.00
79) Terphenyl-d14	13.027	244	688888	41.674	ng	0.00

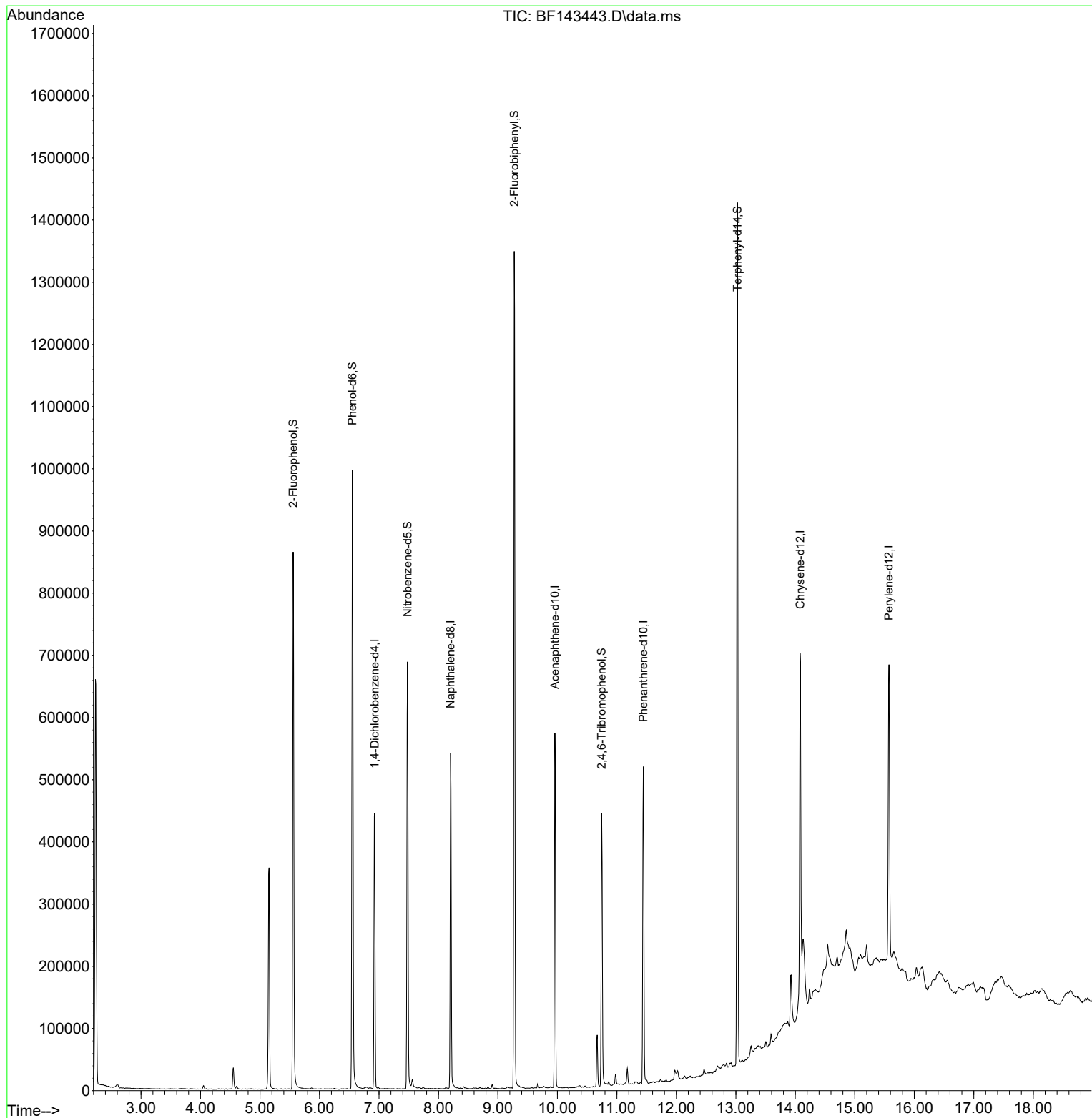
Target Compounds	Qvalue

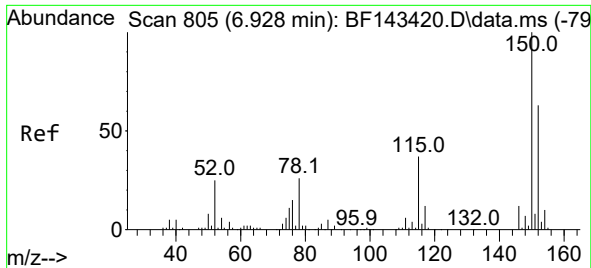
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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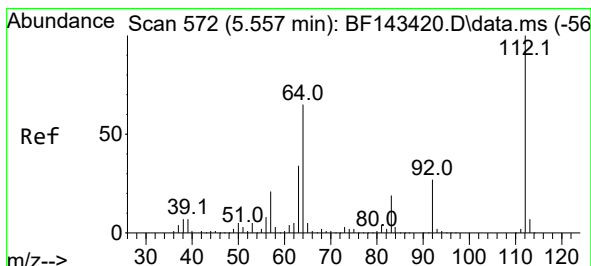
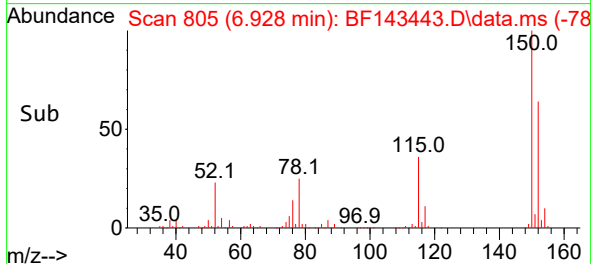
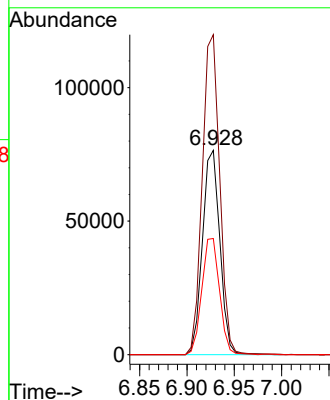
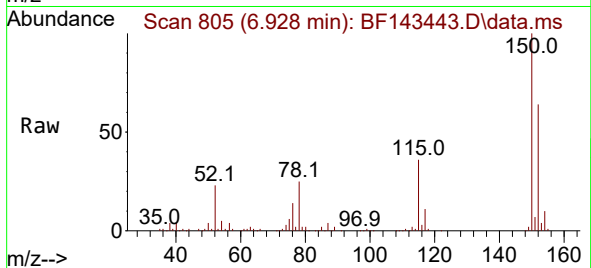




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143443.D
Acq: 18 Aug 2025 16:04

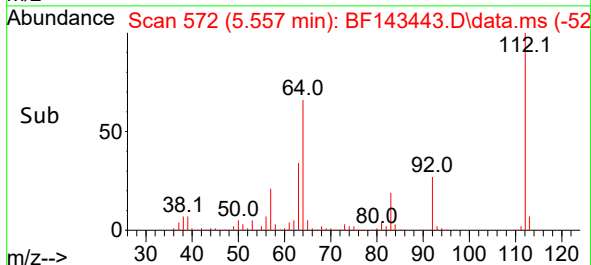
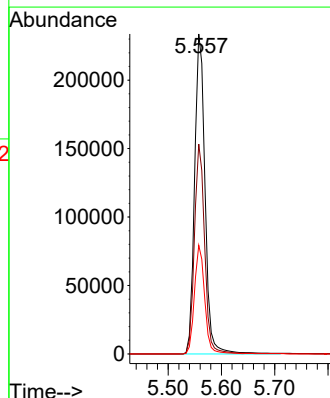
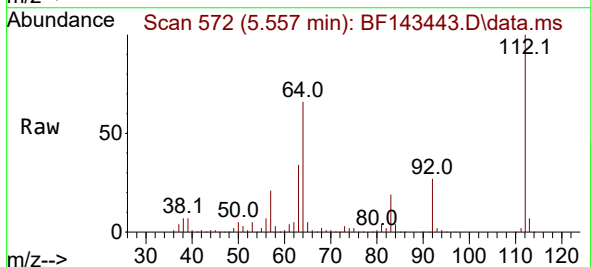
Instrument :
BNA_F
ClientSampleId :
ELI-HQ-CONCRETE

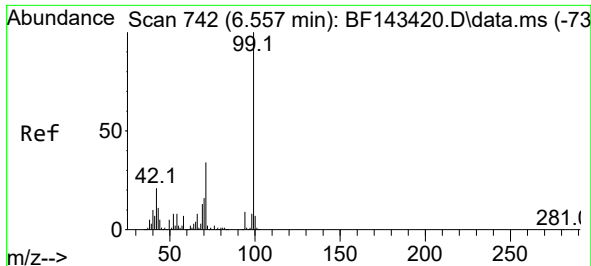
Tgt Ion:152 Resp: 97575
Ion Ratio Lower Upper
152 100
150 156.6 127.4 191.2
115 56.8 47.5 71.3



#5
2-Fluorophenol
Concen: 56.908 ng
RT: 5.557 min Scan# 572
Delta R.T. -0.000 min
Lab File: BF143443.D
Acq: 18 Aug 2025 16:04

Tgt Ion:112 Resp: 319433
Ion Ratio Lower Upper
112 100
64 65.6 52.2 78.2
63 34.0 27.0 40.6

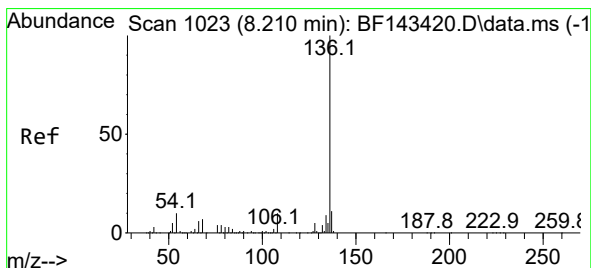
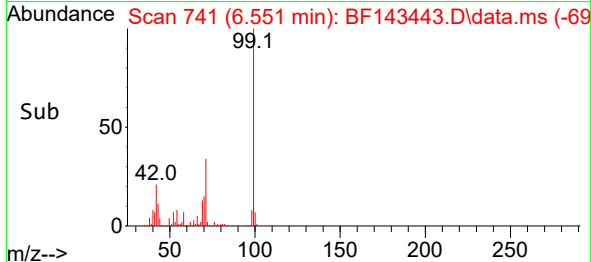
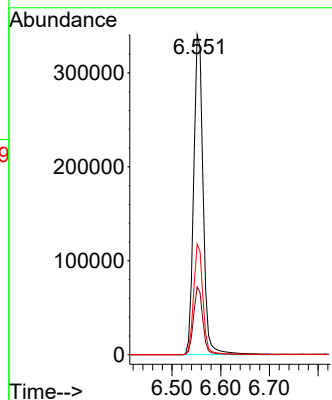
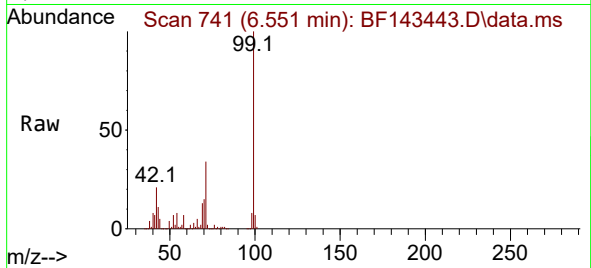




#7
Phenol-d6
Concen: 65.512 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF143443.D
Acq: 18 Aug 2025 16:04

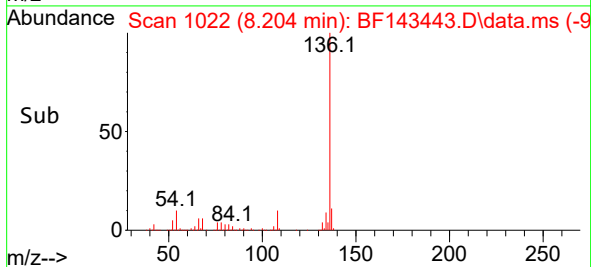
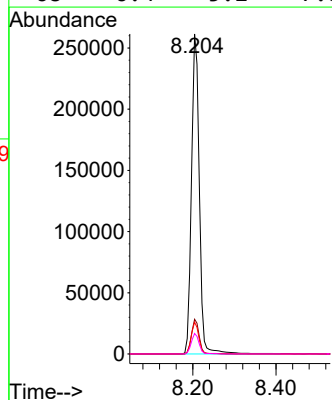
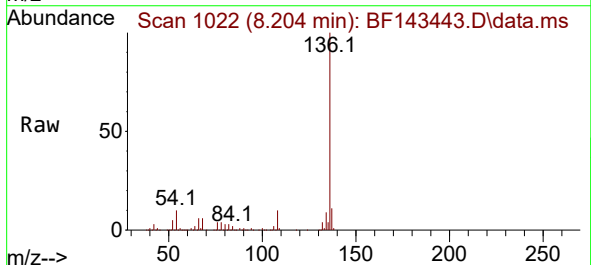
Instrument :
BNA_F
ClientSampleId :
ELI-HQ-CONCRETE

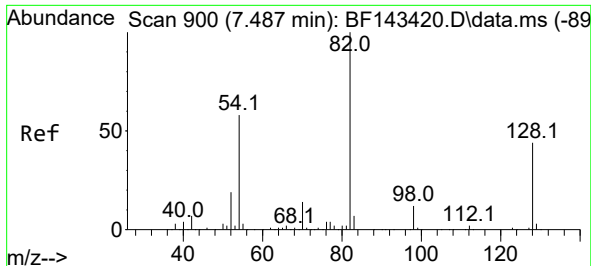
Tgt Ion: 99 Resp: 463427
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 34.5 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143443.D
Acq: 18 Aug 2025 16:04

Tgt Ion: 136 Resp: 342091
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.9 7.8 11.8
68 6.4 5.2 7.8





#23

Nitrobenzene-d5

Concen: 51.306 ng

RT: 7.481 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF143443.D

Acq: 18 Aug 2025 16:04

Instrument :

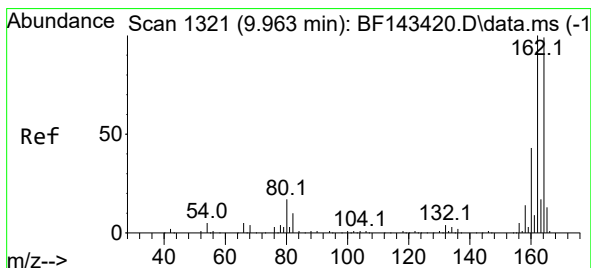
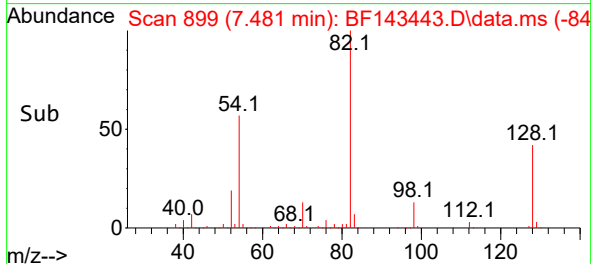
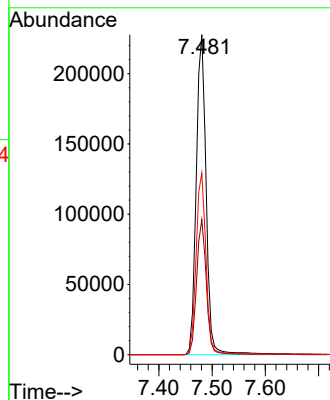
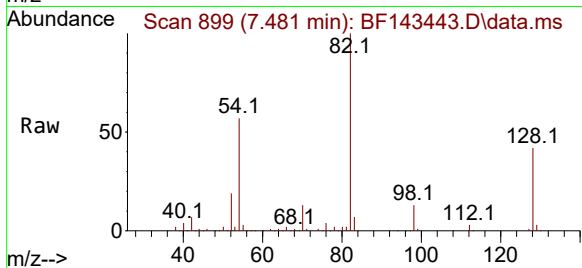
BNA_F

ClientSampleId :

ELI-HQ-CONCRETE

Tgt Ion: 82 Resp: 295780

Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	52.0
54	56.8	46.0	69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1320

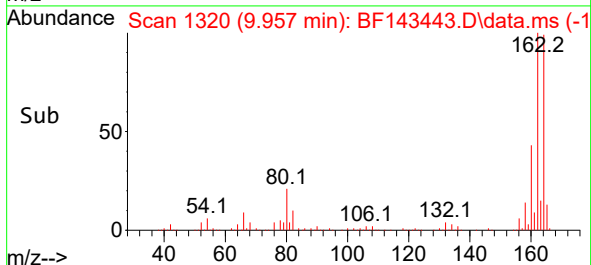
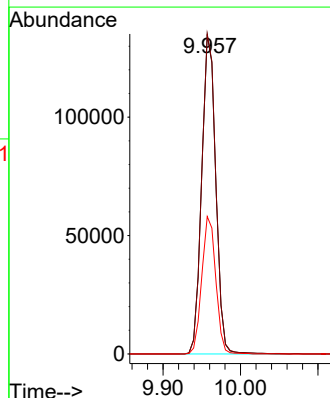
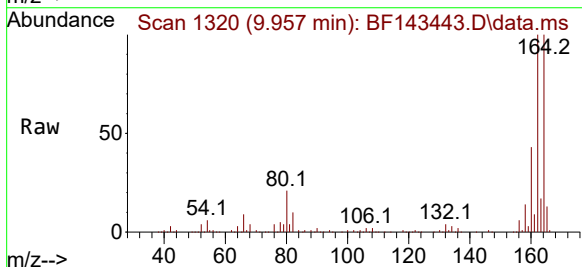
Delta R.T. -0.006 min

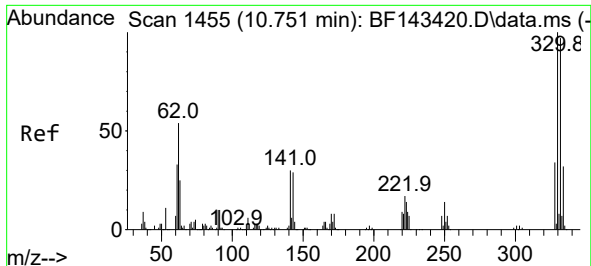
Lab File: BF143443.D

Acq: 18 Aug 2025 16:04

Tgt Ion:164 Resp: 169694

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.6	121.0
160	43.1	34.6	51.8





#42

2,4,6-Tribromophenol

Concen: 49.425 ng

RT: 10.745 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF143443.D

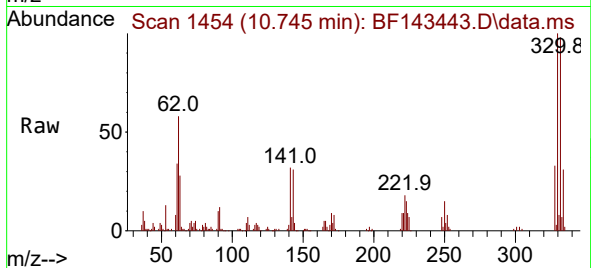
Acq: 18 Aug 2025 16:04

Instrument :

BNA_F

ClientSampleId :

ELI-HQ-CONCRETE



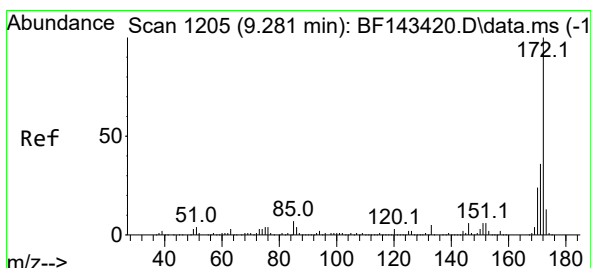
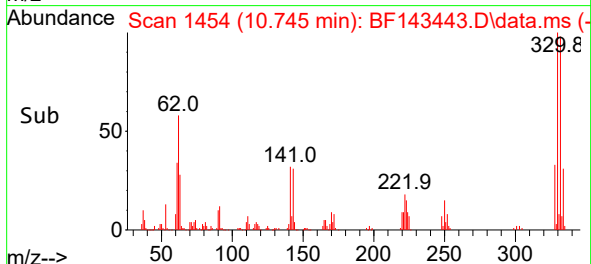
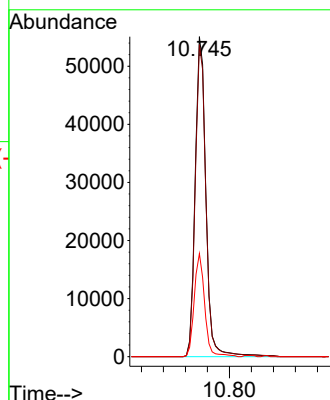
Tgt Ion:330 Resp: 74652

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.2

141 31.2 24.1 36.1



#45

2-Fluorobiphenyl

Concen: 59.134 ng

RT: 9.275 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BF143443.D

Acq: 18 Aug 2025 16:04

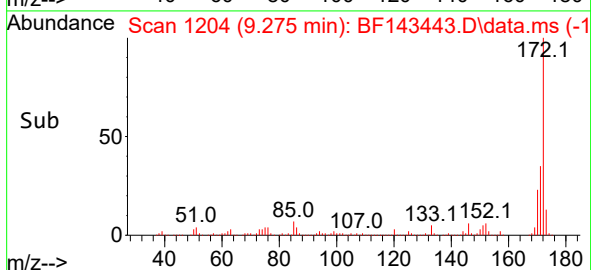
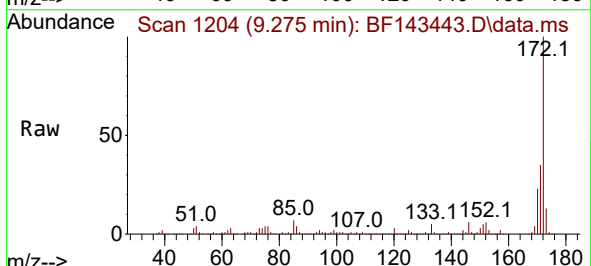
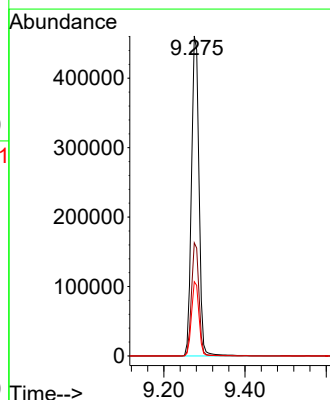
Tgt Ion:172 Resp: 596594

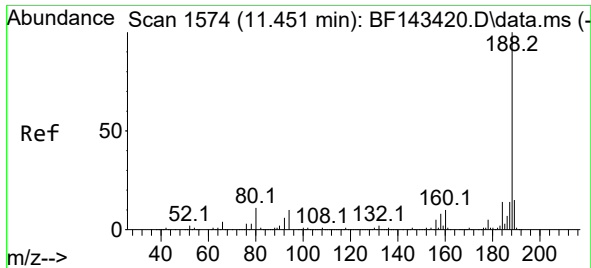
Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

170 23.2 19.0 28.6

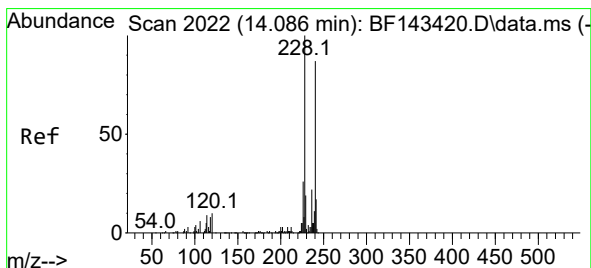
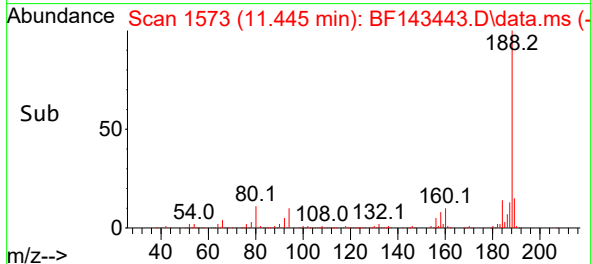
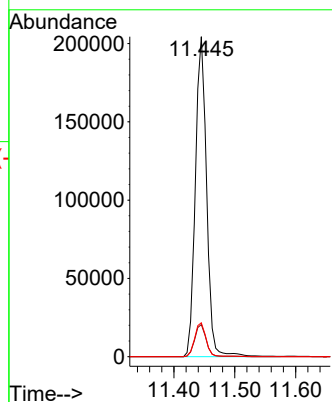
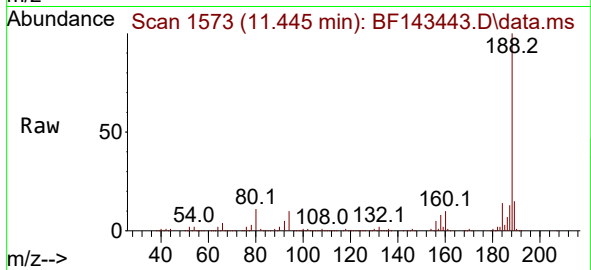




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143443.D
Acq: 18 Aug 2025 16:04

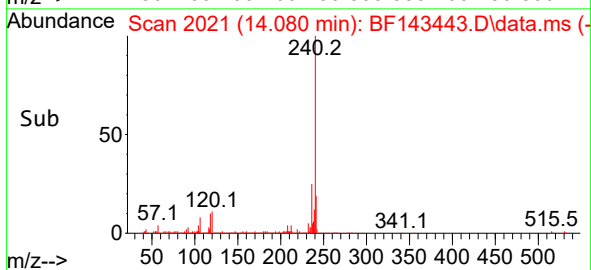
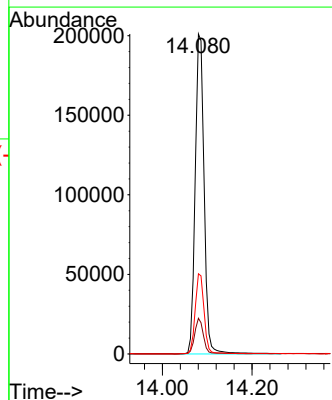
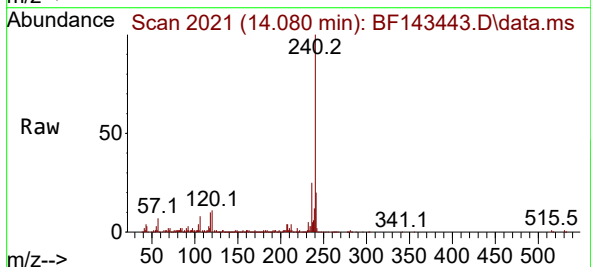
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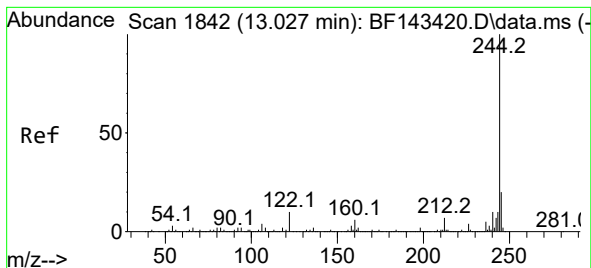
Tgt Ion:188 Resp: 261895
Ion Ratio Lower Upper
188 100
94 10.0 8.0 12.0
80 10.6 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF143443.D
Acq: 18 Aug 2025 16:04

Tgt Ion:240 Resp: 277684
Ion Ratio Lower Upper
240 100
120 11.2 9.0 13.4
236 25.1 20.2 30.2





#79

Terphenyl-d14

Concen: 41.674 ng

RT: 13.027 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF143443.D

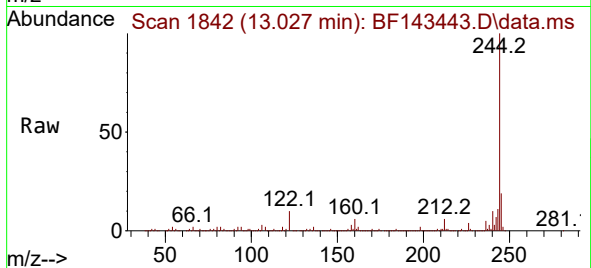
Acq: 18 Aug 2025 16:04

Instrument :

BNA_F

ClientSampleId :

ELI-HQ-CONCRETE



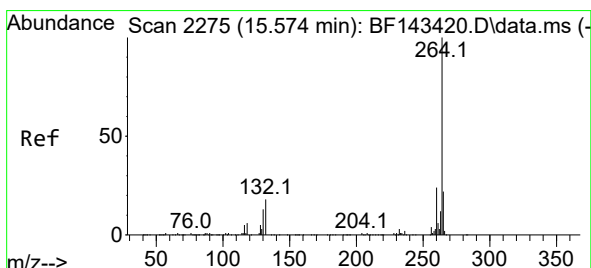
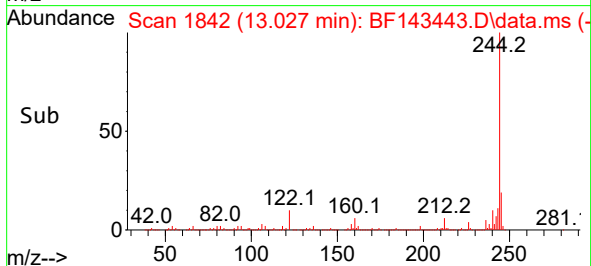
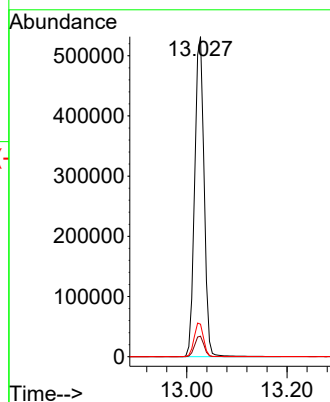
Tgt Ion:244 Resp: 688888

Ion Ratio Lower Upper

244 100

212 6.4 5.2 7.8

122 10.1 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2275

Delta R.T. -0.000 min

Lab File: BF143443.D

Acq: 18 Aug 2025 16:04

Tgt Ion:264 Resp: 299941

Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 21.0 17.4 26.0

