

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143191.D
 Acq On : 22 Jul 2025 16:26
 Operator : RC/JU
 Sample : Q2641-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-CONCRETE001-01

Quant Time: Jul 22 17:21:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

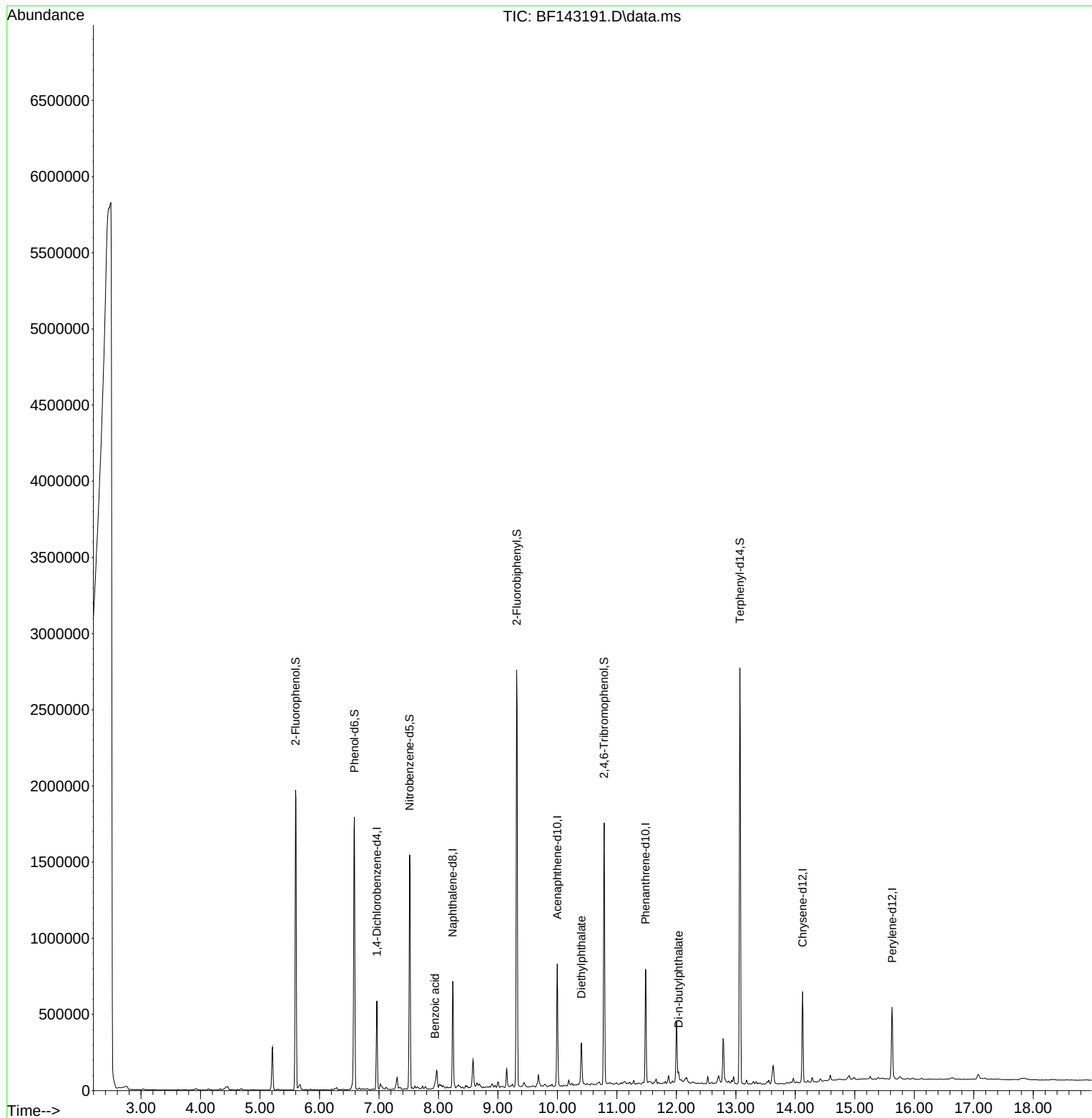
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	113380	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	427484	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	227514	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	388148	20.000	ng	0.00
76) Chrysene-d12	14.121	240	276538	20.000	ng	0.00
86) Perylene-d12	15.627	264	267104	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	732266	102.204	ng	0.01
7) Phenol-d6	6.587	99	837207	92.835	ng	0.00
23) Nitrobenzene-d5	7.516	82	667604	77.846	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	300334	127.783	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1214892	73.029	ng	0.00
79) Terphenyl-d14	13.068	244	1327665	71.444	ng	0.00
Target Compounds						
32) Benzoic acid	7.939	122	10234	7.469	ng	94
60) Diethylphthalate	10.404	149	185462	12.653	ng	99
74) Di-n-butylphthalate	12.039	149	43636	2.101	ng	99

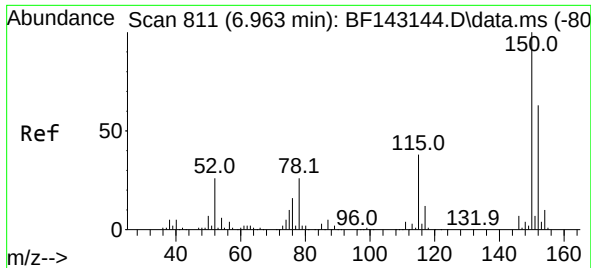
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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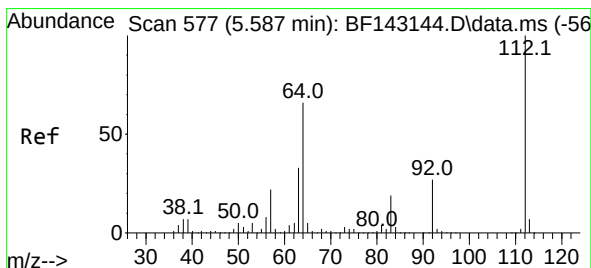
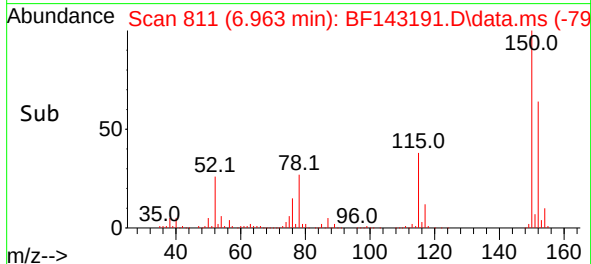
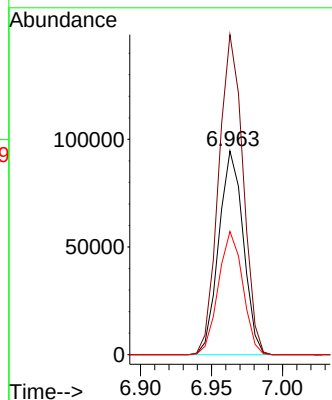
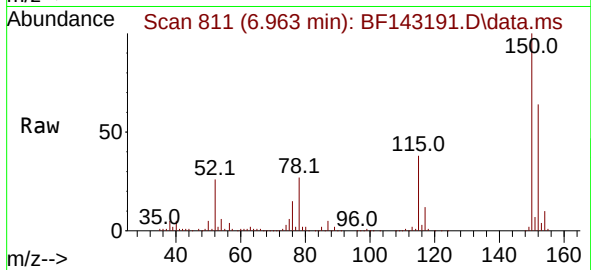




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143191.D
Acq: 22 Jul 2025 16:26

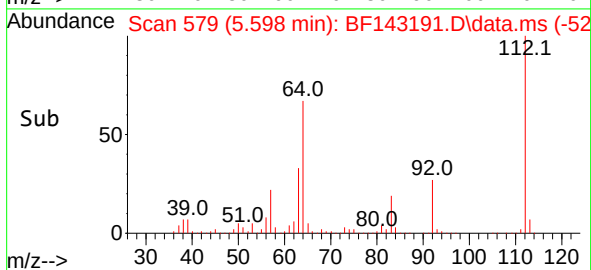
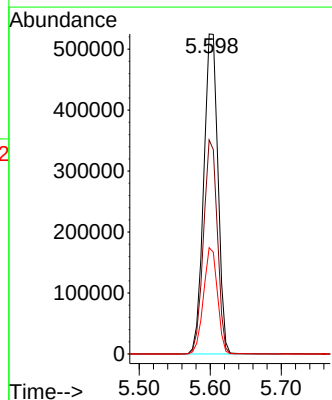
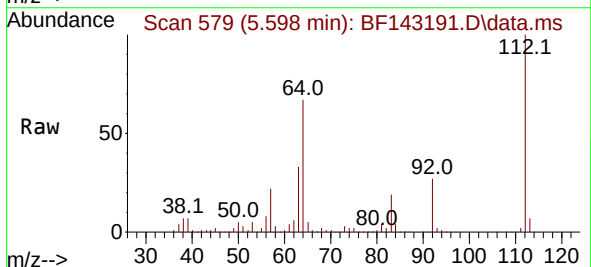
Instrument :
BNA_F
ClientSampleId :
P001-CONCRETE001-01

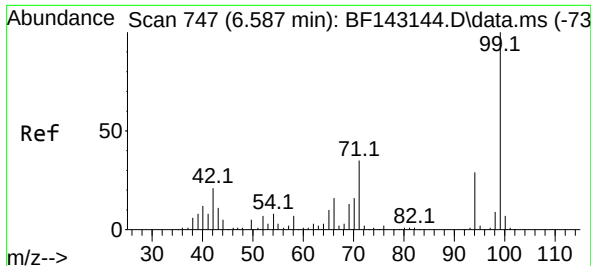
Tgt Ion:152 Resp: 113380
Ion Ratio Lower Upper
152 100
150 157.1 128.2 192.4
115 60.5 47.9 71.9



#5
2-Fluorophenol
Concen: 102.204 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143191.D
Acq: 22 Jul 2025 16:26

Tgt Ion:112 Resp: 732266
Ion Ratio Lower Upper
112 100
64 66.9 53.1 79.7
63 33.2 26.6 40.0

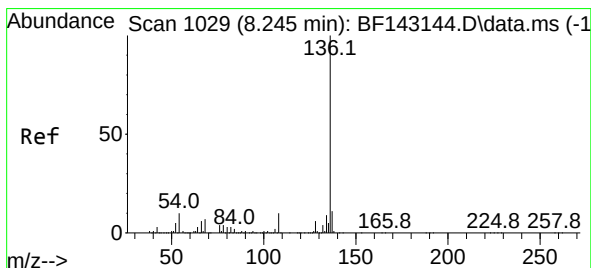
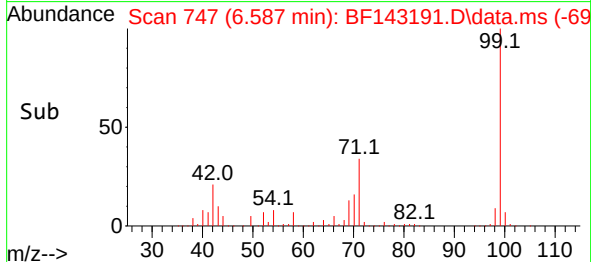
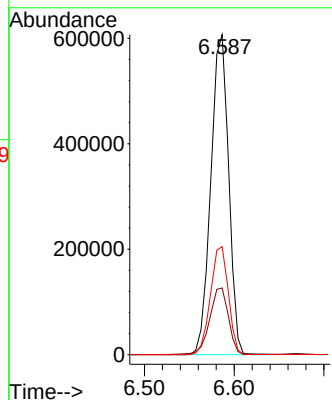
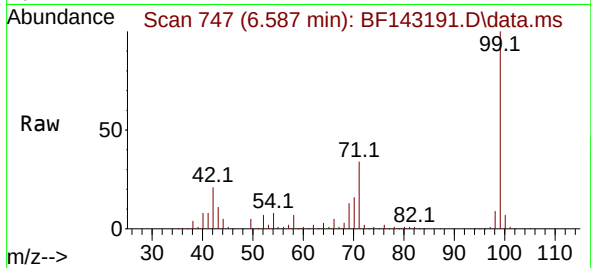




#7
Phenol-d6
Concen: 92.835 ng
RT: 6.587 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF143191.D
Acq: 22 Jul 2025 16:26

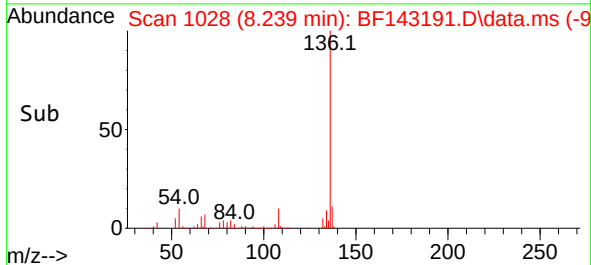
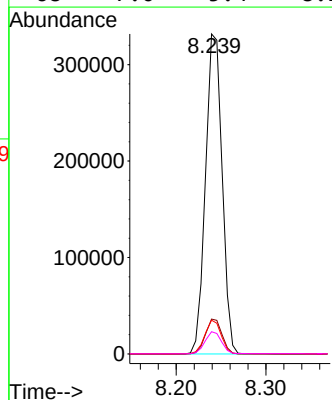
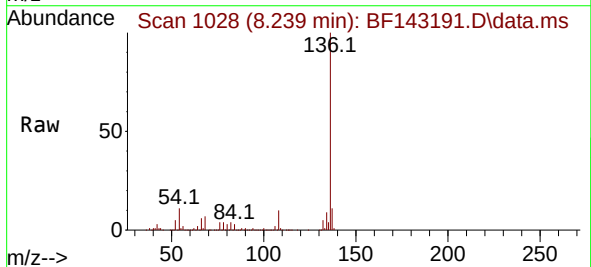
Instrument :
BNA_F
ClientSampleId :
P001-CONCRETE001-01

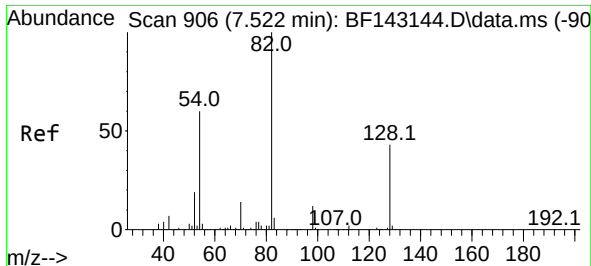
Tgt Ion: 99 Resp: 837207
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 33.7 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143191.D
Acq: 22 Jul 2025 16:26

Tgt Ion:136 Resp: 427484
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.6 8.2 12.2
68 7.0 5.4 8.2





#23

Nitrobenzene-d5

Concen: 77.846 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143191.D

Acq: 22 Jul 2025 16:26

Instrument :

BNA_F

ClientSampleId :

P001-CONCRETE001-01

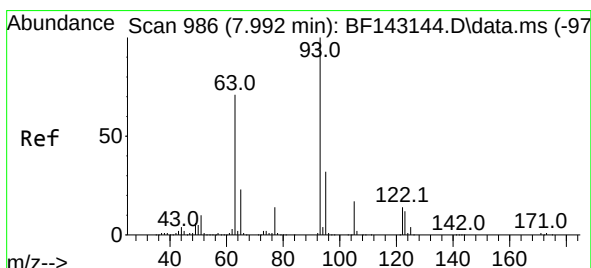
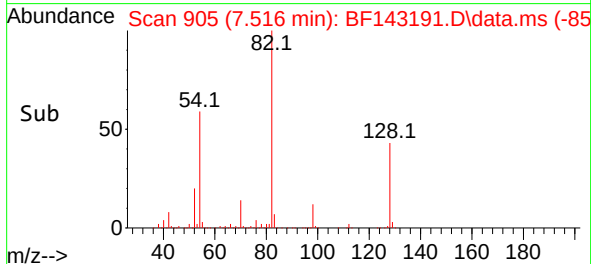
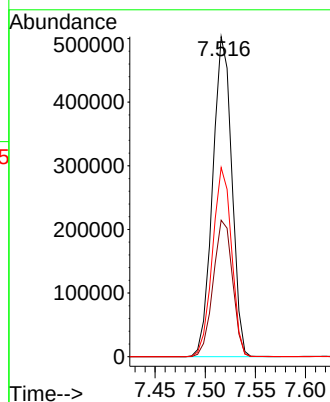
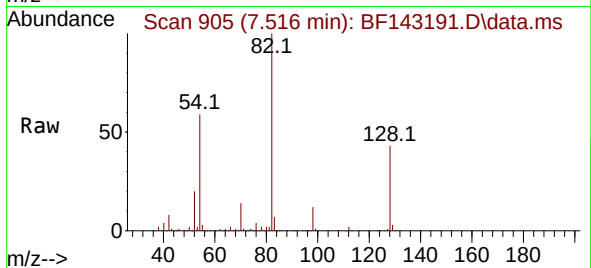
Tgt Ion: 82 Resp: 667604

Ion Ratio Lower Upper

82 100

128 42.7 33.6 50.4

54 59.1 47.1 70.7



#32

Benzoic acid

Concen: 7.469 ng

RT: 7.939 min Scan# 977

Delta R.T. -0.053 min

Lab File: BF143191.D

Acq: 22 Jul 2025 16:26

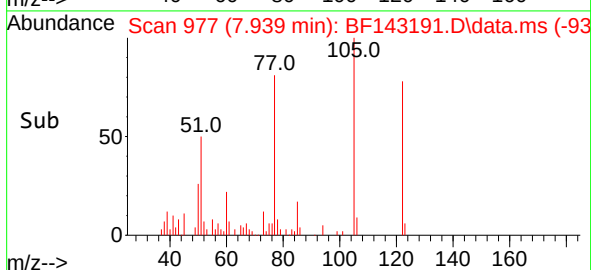
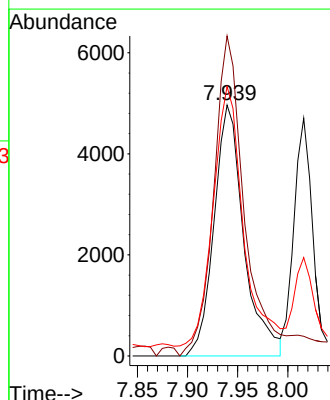
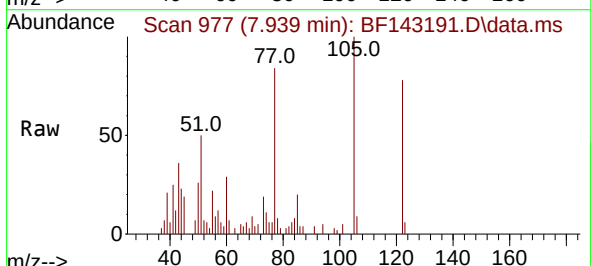
Tgt Ion: 122 Resp: 10234

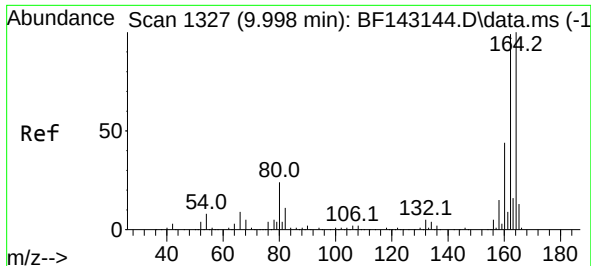
Ion Ratio Lower Upper

122 100

105 127.6 104.8 144.8

77 107.4 77.6 117.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143191.D

Acq: 22 Jul 2025 16:26

Instrument :

BNA_F

ClientSampleId :

P001-CONCRETE001-01

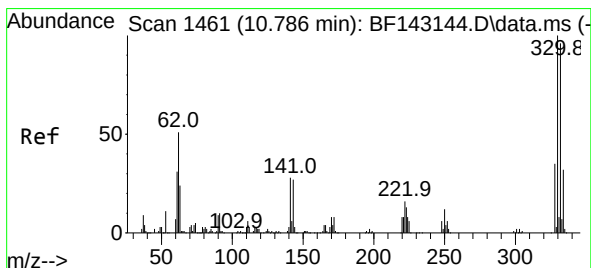
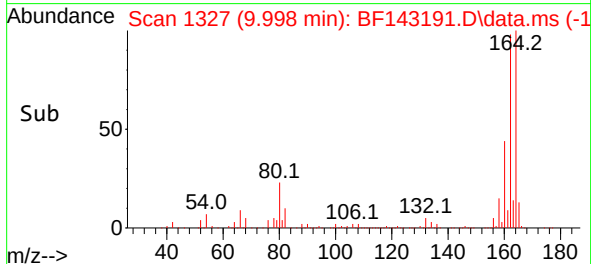
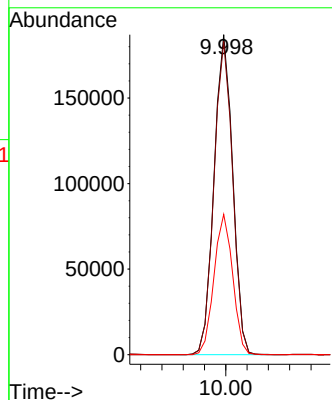
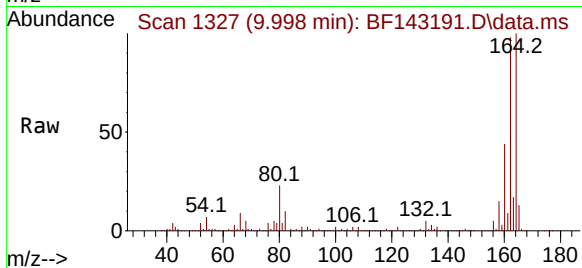
Tgt Ion:164 Resp: 227514

Ion Ratio Lower Upper

164 100

162 97.9 79.0 118.6

160 43.8 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 127.783 ng

RT: 10.786 min Scan# 1461

Delta R.T. -0.000 min

Lab File: BF143191.D

Acq: 22 Jul 2025 16:26

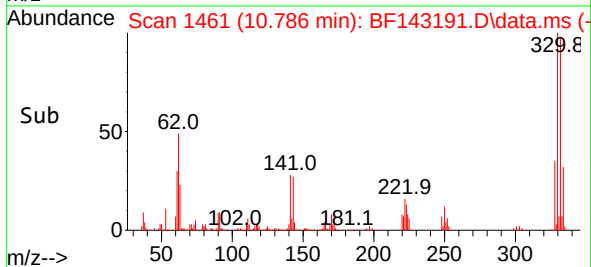
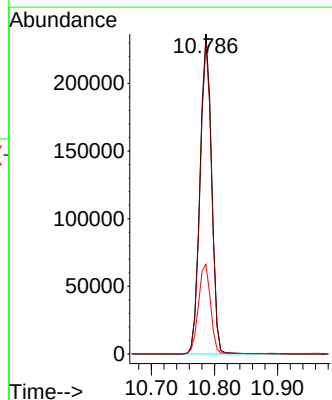
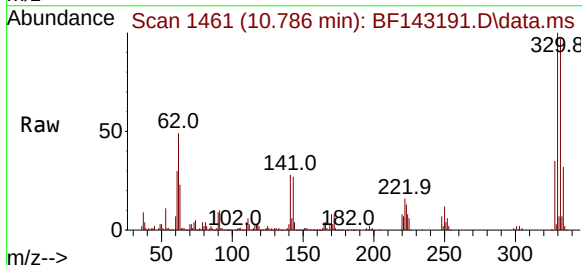
Tgt Ion:330 Resp: 300334

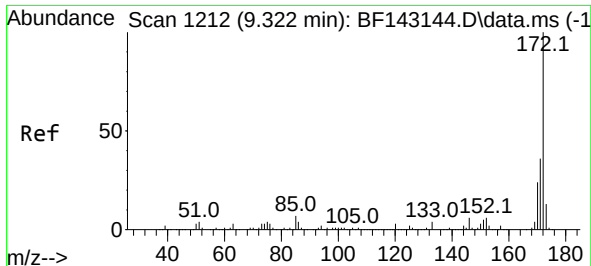
Ion Ratio Lower Upper

330 100

332 97.1 76.7 115.1

141 29.1 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 73.029 ng

RT: 9.316 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143191.D

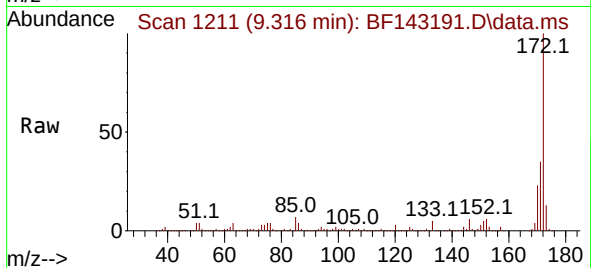
Acq: 22 Jul 2025 16:26

Instrument :

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ClientSampleId :

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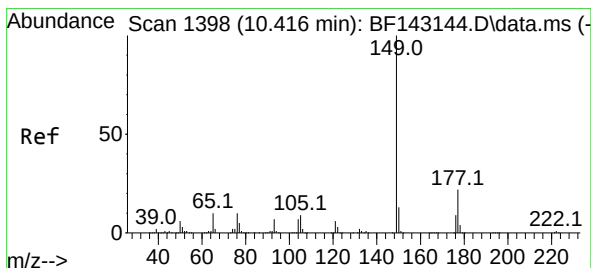
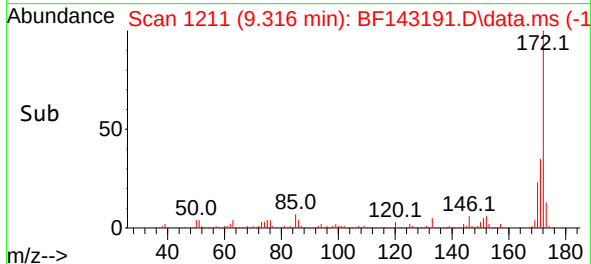
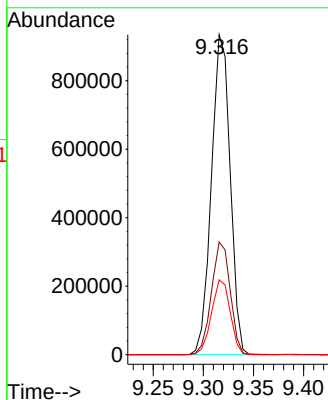
Tgt Ion:172 Resp: 1214892

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.4 18.8 28.2



#60

Diethylphthalate

Concen: 12.653 ng

RT: 10.404 min Scan# 1396

Delta R.T. -0.012 min

Lab File: BF143191.D

Acq: 22 Jul 2025 16:26

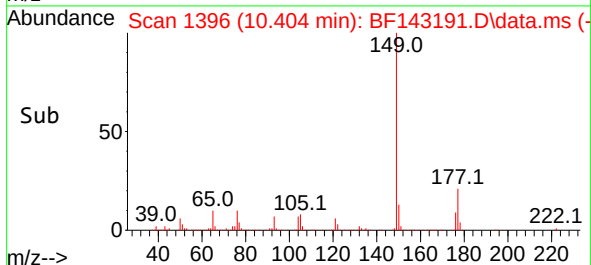
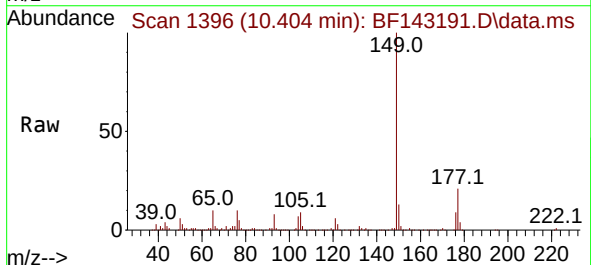
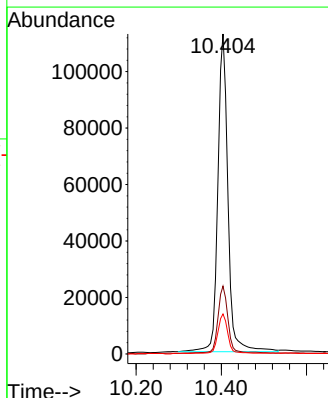
Tgt Ion:149 Resp: 185462

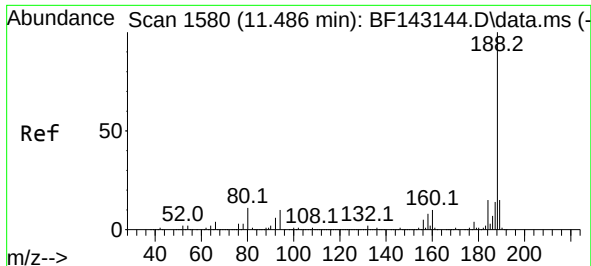
Ion Ratio Lower Upper

149 100

177 21.2 17.5 26.3

150 12.5 10.2 15.2

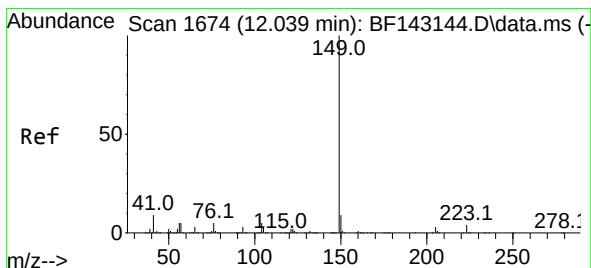
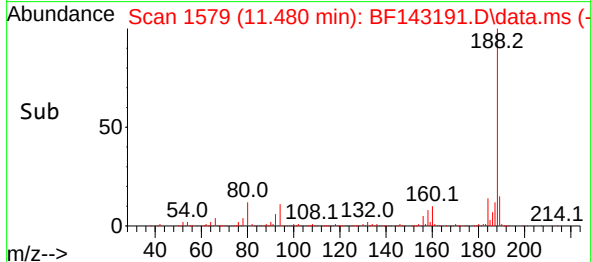
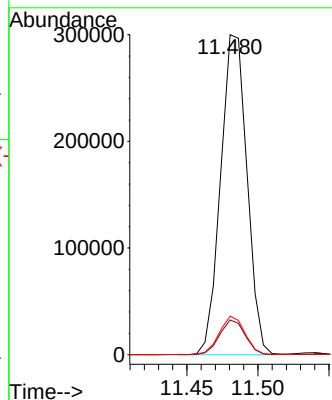
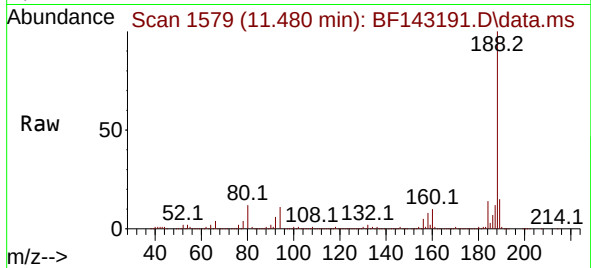




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143191.D
Acq: 22 Jul 2025 16:26

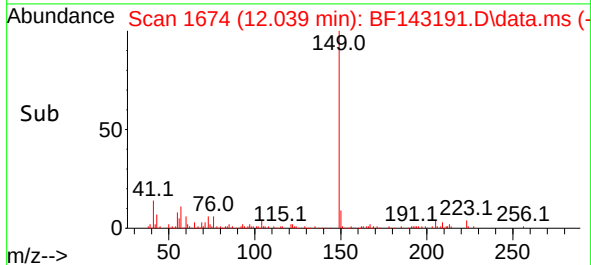
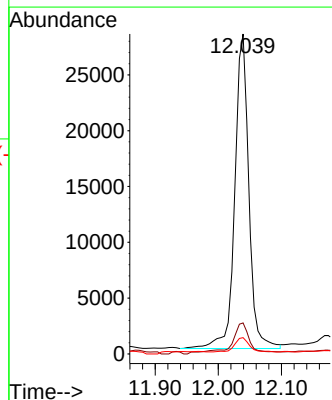
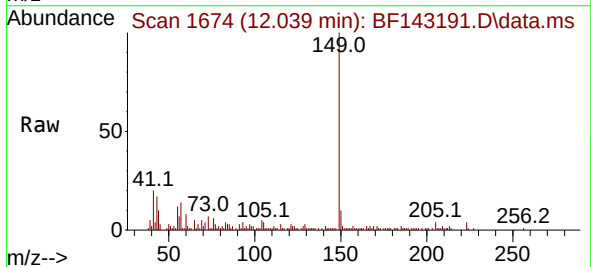
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P001-CONCRETE001-01

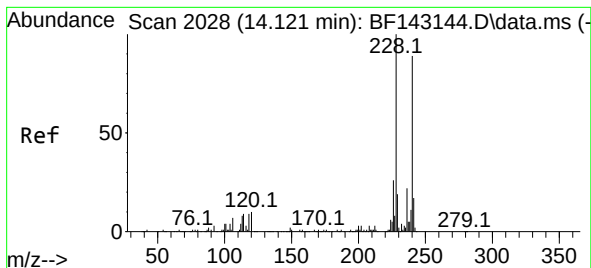
Tgt Ion:188 Resp: 388148
Ion Ratio Lower Upper
188 100
94 10.9 8.3 12.5
80 12.1 9.0 13.6



#74
Di-n-butylphthalate
Concen: 2.101 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143191.D
Acq: 22 Jul 2025 16:26

Tgt Ion:149 Resp: 43636
Ion Ratio Lower Upper
149 100
150 9.7 7.4 11.2
104 5.1 3.8 5.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF143191.D

Acq: 22 Jul 2025 16:26

Instrument :

BNA_F

ClientSampleId :

P001-CONCRETE001-01

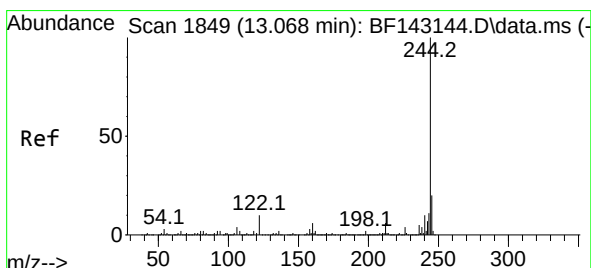
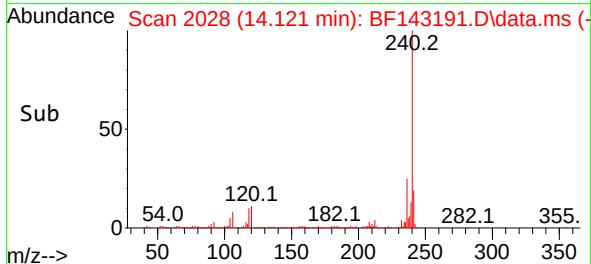
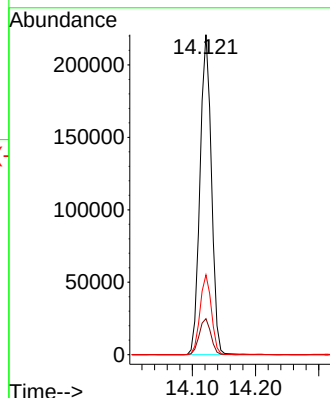
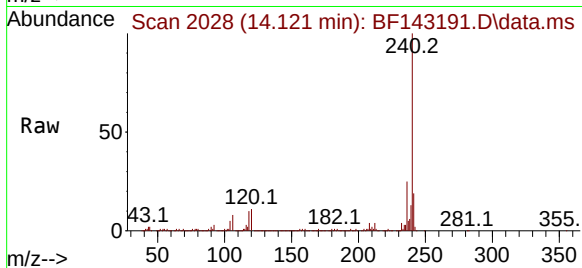
Tgt Ion:240 Resp: 276538

Ion Ratio Lower Upper

240 100

120 11.3 9.4 14.2

236 24.9 20.2 30.4



#79

Terphenyl-d14

Concen: 71.444 ng

RT: 13.068 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BF143191.D

Acq: 22 Jul 2025 16:26

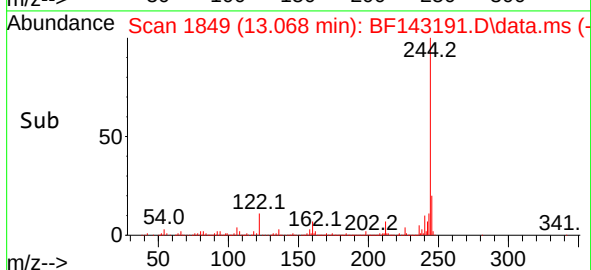
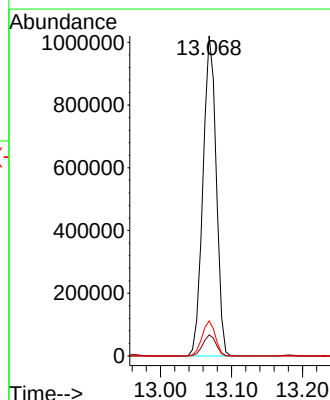
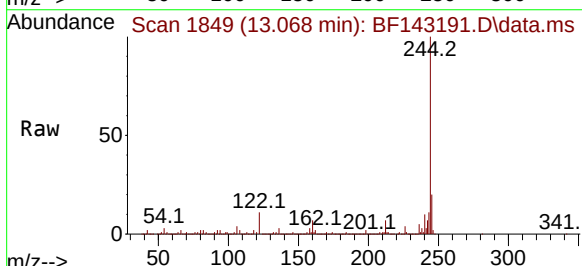
Tgt Ion:244 Resp: 1327665

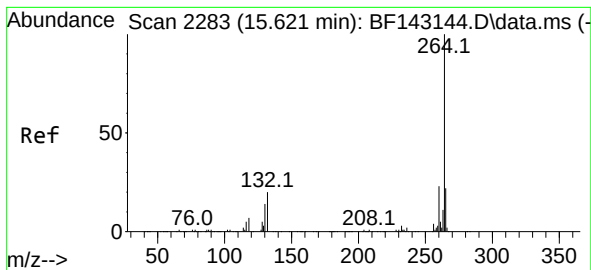
Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 10.9 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143191.D

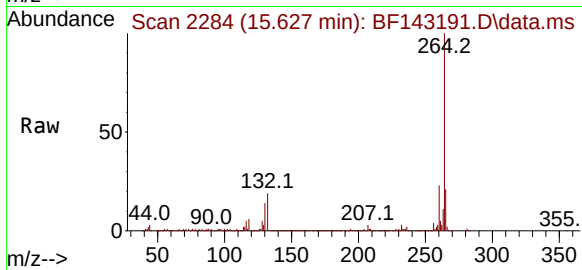
Acq: 22 Jul 2025 16:26

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ClientSampleId :

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Tgt Ion:264 Resp: 267104

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 21.4 17.4 26.2

