

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
 Data File : BF142026.D
 Acq On : 21 Mar 2025 13:22
 Operator : RC/JU
 Sample : Q1619-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-1

Quant Time: Mar 21 13:59:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	126398	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	443216	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	205598	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	284246	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	309826	20.000	ng	0.00
86) Perylene-d12	15.510	264	311452	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	446220	58.919	ng	0.00
7) Phenol-d6	6.492	99	665104	68.975	ng	-0.01
23) Nitrobenzene-d5	7.434	82	493555	62.668	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	109346	41.923	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	923341	68.300	ng	-0.01
79) Terphenyl-d14	12.992	244	1053052	50.250	ng	0.00

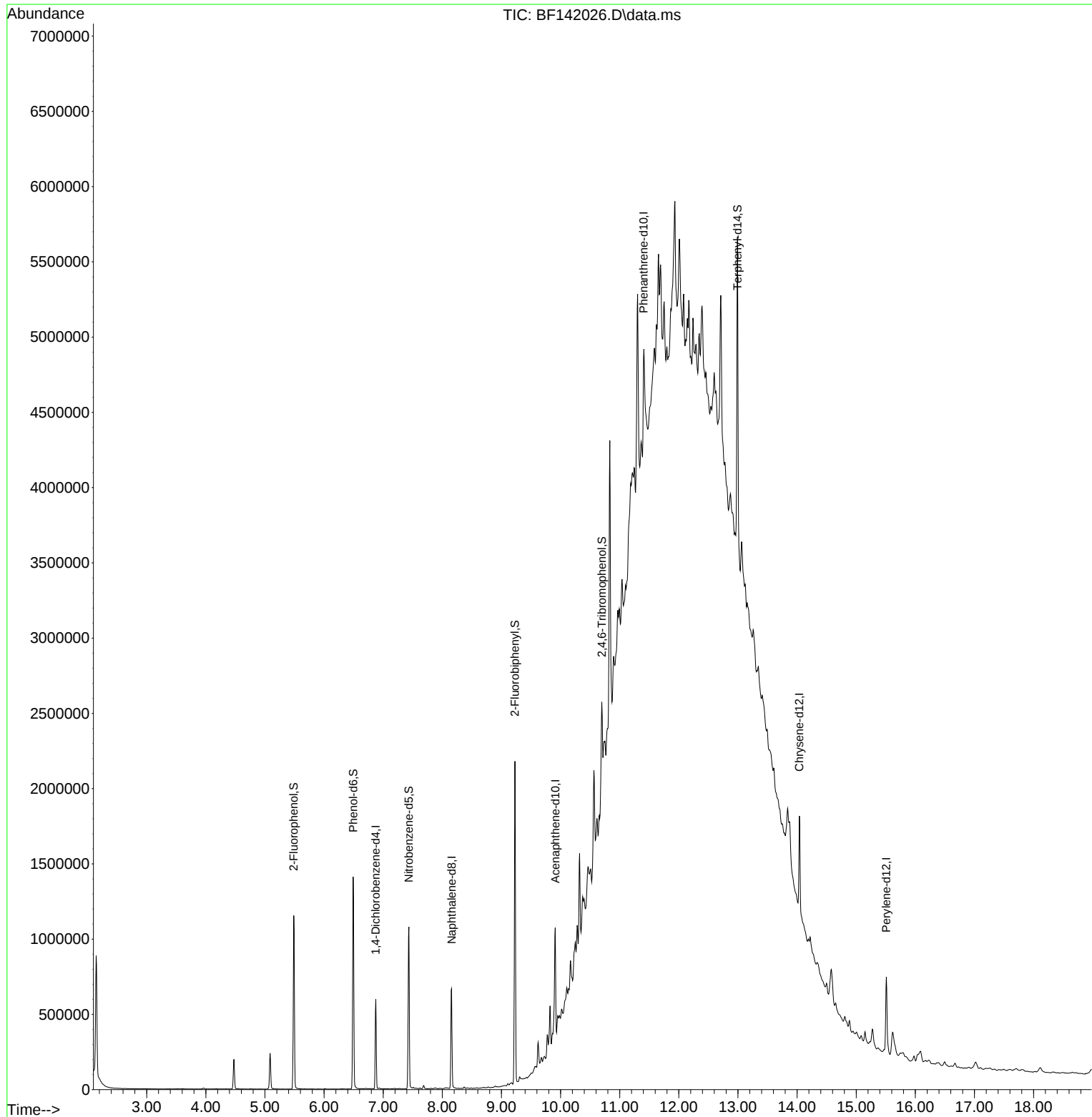
Target Compounds	Qvalue

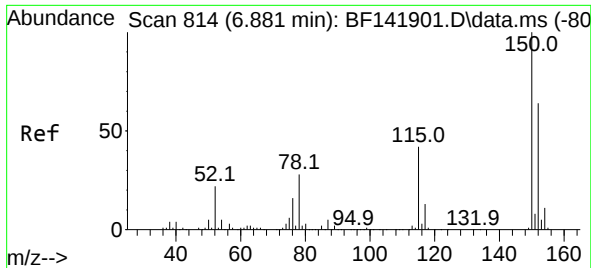
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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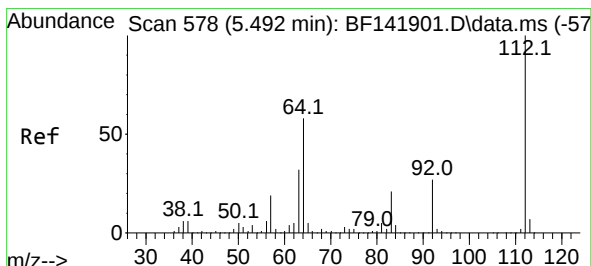
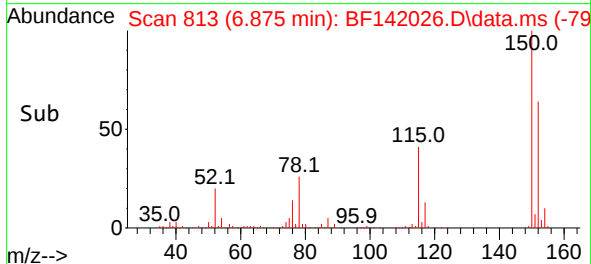
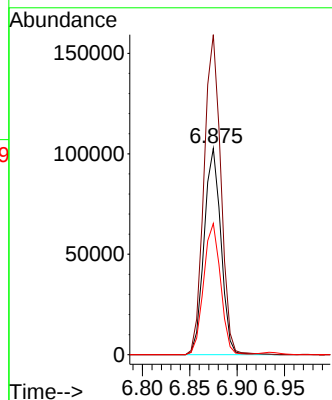
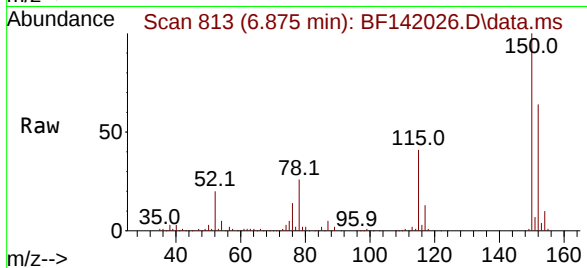




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142026.D
Acq: 21 Mar 2025 13:22

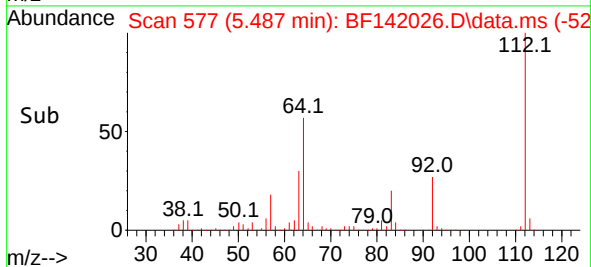
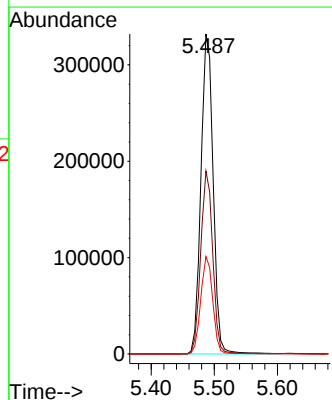
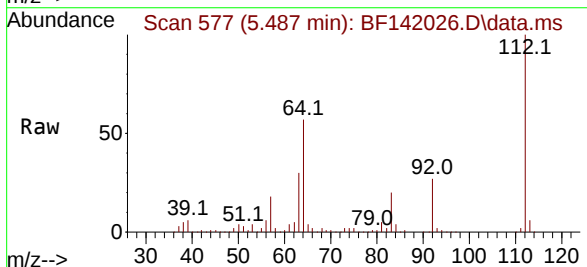
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BNA_F
ClientSampleId :
CONCRETE-1

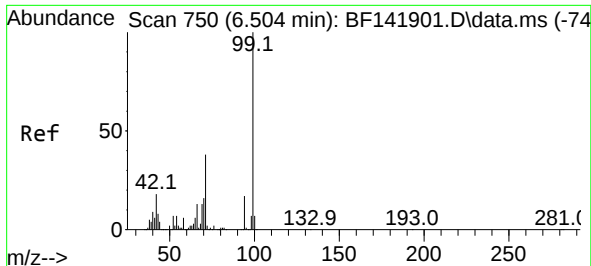
Tgt Ion:152 Resp: 126398
Ion Ratio Lower Upper
152 100
150 155.1 127.4 191.2
115 63.6 51.9 77.9



#5
2-Fluorophenol
Concen: 58.919 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF142026.D
Acq: 21 Mar 2025 13:22

Tgt Ion:112 Resp: 446220
Ion Ratio Lower Upper
112 100
64 57.1 46.5 69.7
63 30.5 25.4 38.2

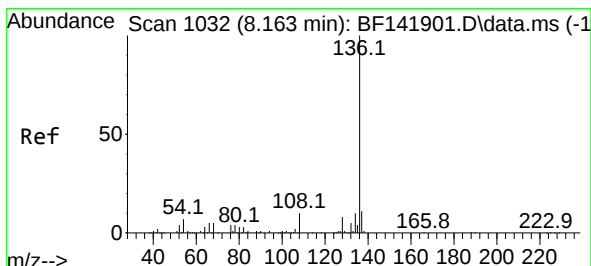
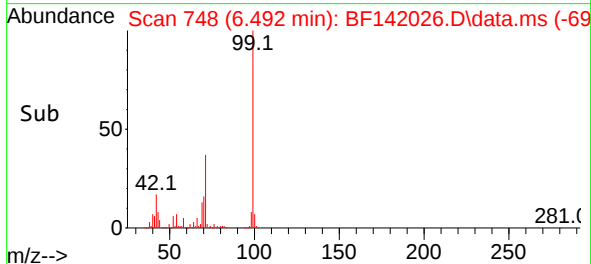
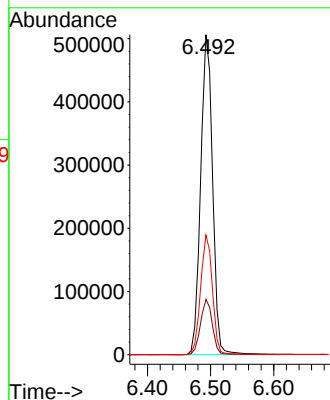
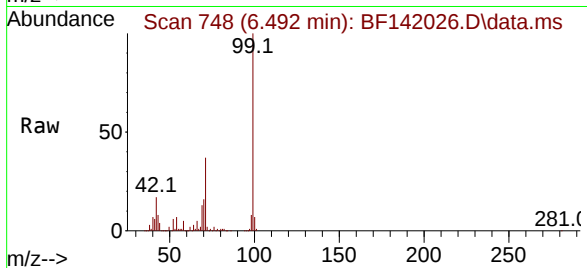




#7
Phenol-d6
Concen: 68.975 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142026.D
Acq: 21 Mar 2025 13:22

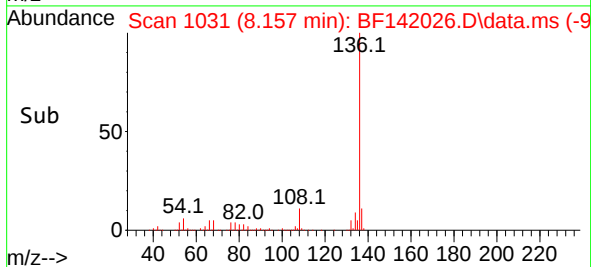
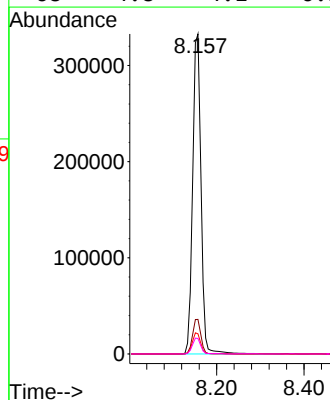
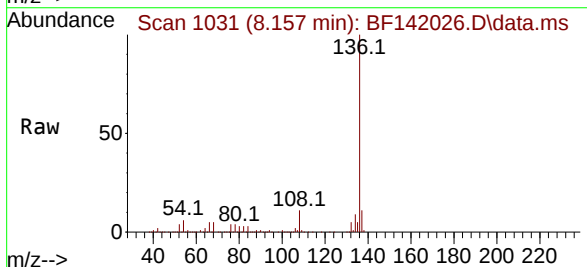
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BNA_F
ClientSampleId :
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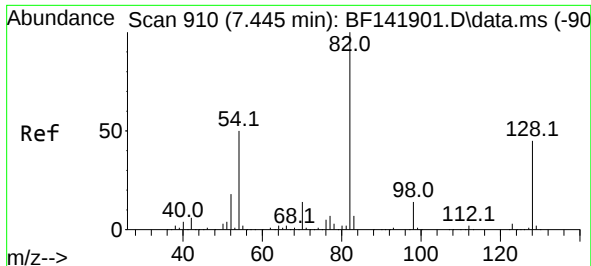
Tgt Ion: 99 Resp: 665104
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 37.4 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142026.D
Acq: 21 Mar 2025 13:22

Tgt Ion:136 Resp: 443216
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.3 5.8 8.8
68 4.8 4.1 6.1

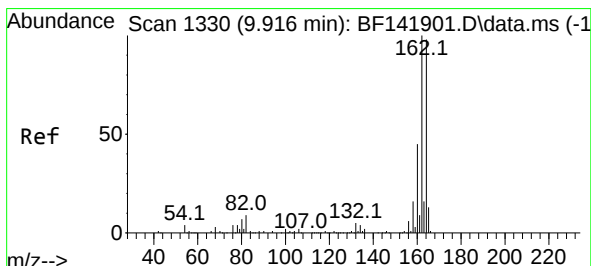
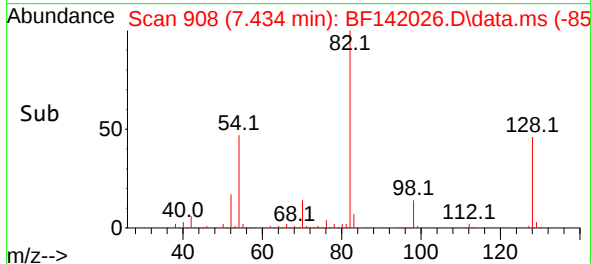
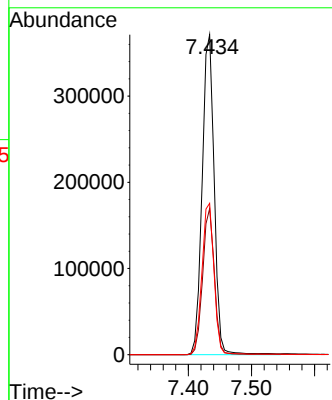
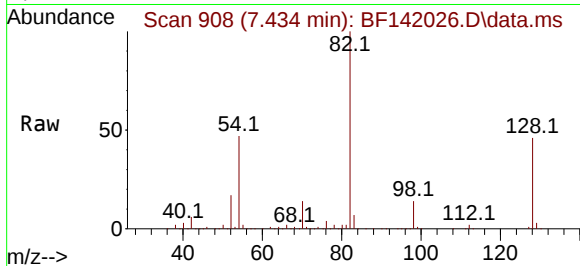




#23
Nitrobenzene-d5
Concen: 62.668 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF142026.D
Acq: 21 Mar 2025 13:22

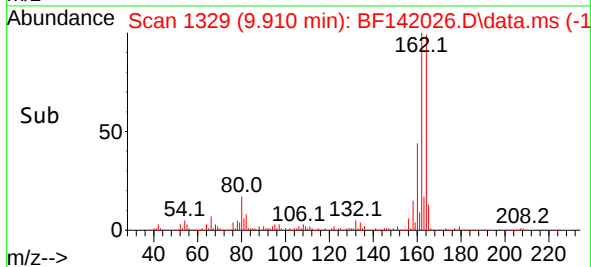
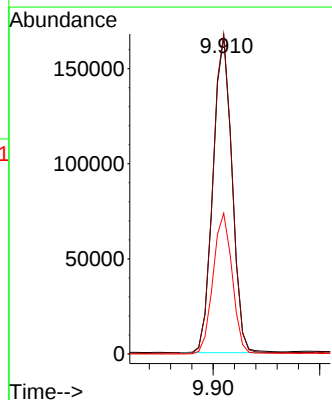
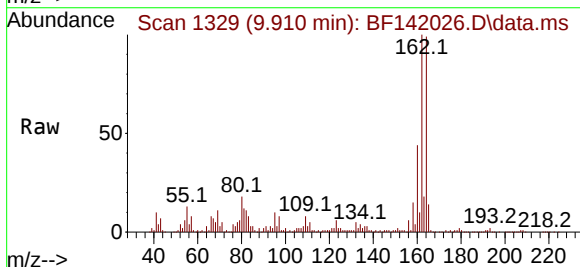
Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

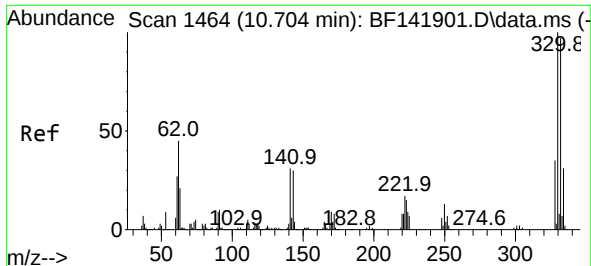
Tgt Ion: 82 Resp: 493555
Ion Ratio Lower Upper
82 100
128 45.6 36.0 54.0
54 47.3 39.6 59.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF142026.D
Acq: 21 Mar 2025 13:22

Tgt Ion:164 Resp: 205598
Ion Ratio Lower Upper
164 100
162 100.9 81.8 122.6
160 44.3 36.7 55.1

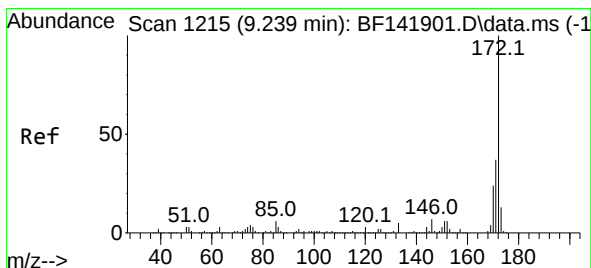
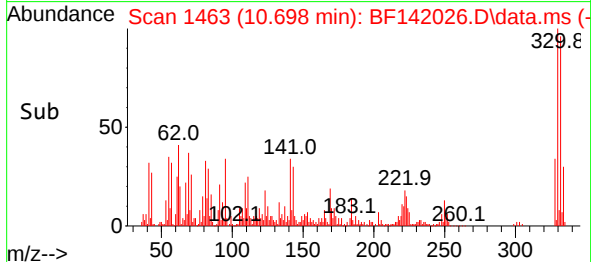
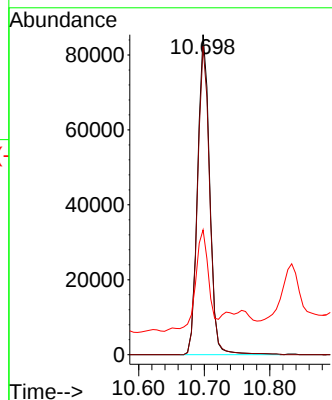
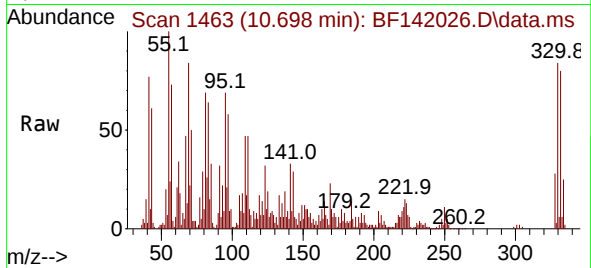




#42
 2,4,6-Tribromophenol
 Concen: 41.923 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF142026.D
 Acq: 21 Mar 2025 13:22

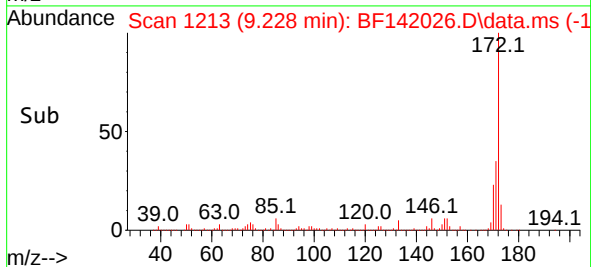
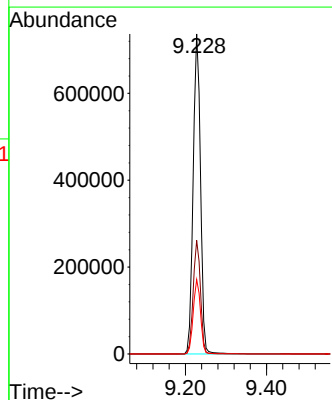
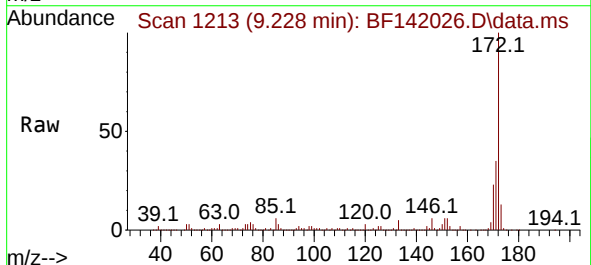
Instrument :
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 CONCRETE-1

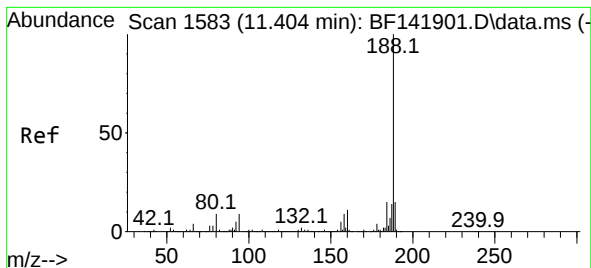
Tgt Ion:330 Resp: 109346
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.6 116.4
 141 35.0 24.7 37.1



#45
 2-Fluorobiphenyl
 Concen: 68.300 ng
 RT: 9.228 min Scan# 1213
 Delta R.T. -0.012 min
 Lab File: BF142026.D
 Acq: 21 Mar 2025 13:22

Tgt Ion:172 Resp: 923341
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.3 43.9
 170 23.2 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142026.D

Acq: 21 Mar 2025 13:22

Instrument :

BNA_F

ClientSampleId :

CONCRETE-1

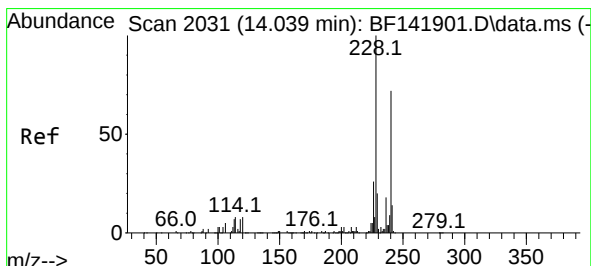
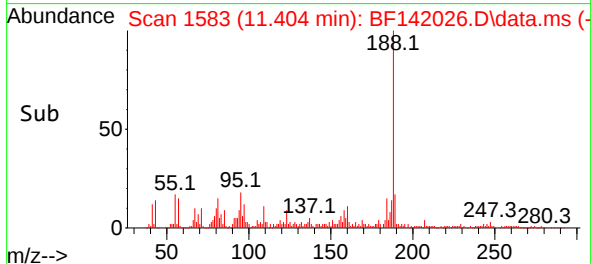
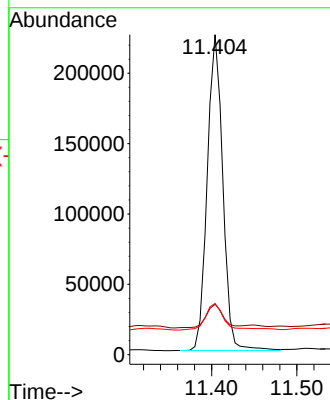
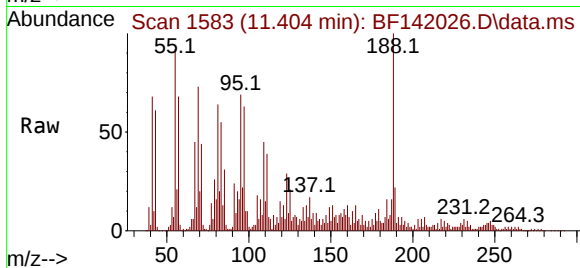
Tgt Ion:188 Resp: 284246

Ion Ratio Lower Upper

188 100

94 15.8 6.8 10.2#

80 16.0 7.6 11.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF142026.D

Acq: 21 Mar 2025 13:22

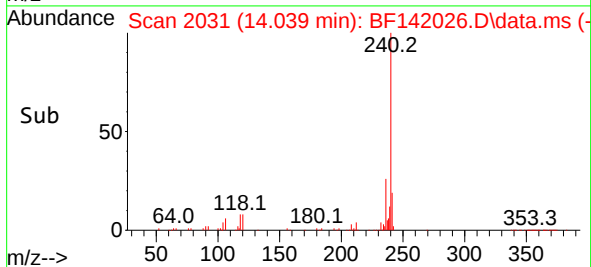
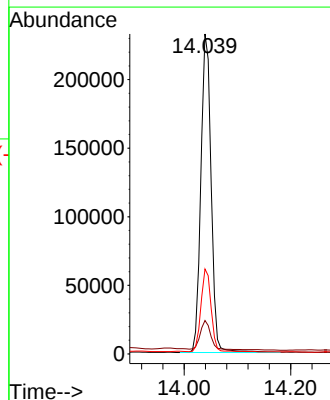
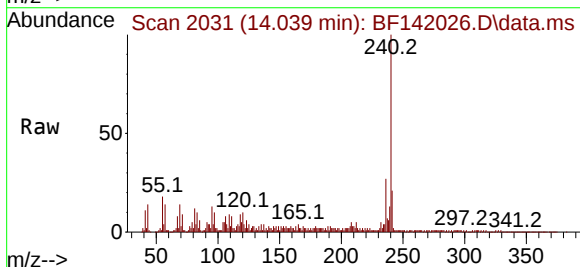
Tgt Ion:240 Resp: 309826

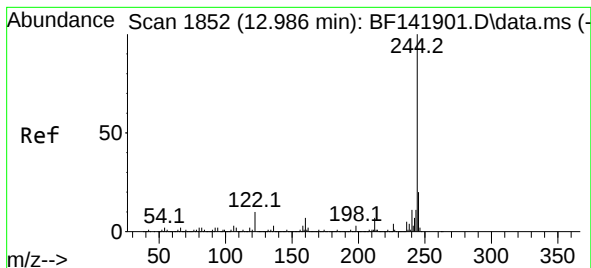
Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

236 26.5 20.5 30.7





#79

Terphenyl-d14

Concen: 50.250 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.006 min

Lab File: BF142026.D

Acq: 21 Mar 2025 13:22

Instrument :

BNA_F

ClientSampleId :

CONCRETE-1

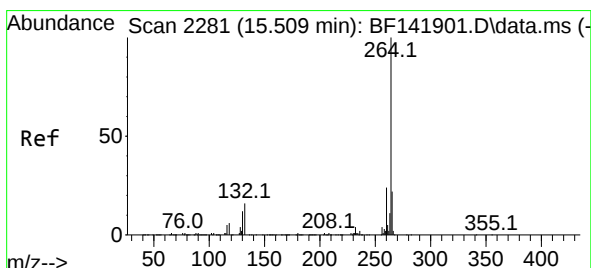
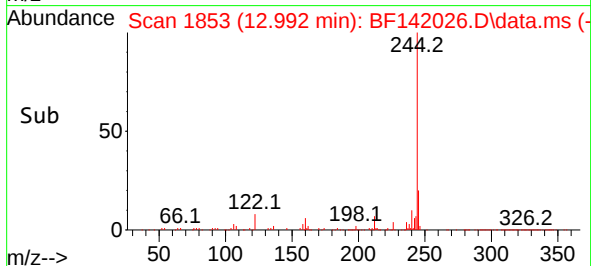
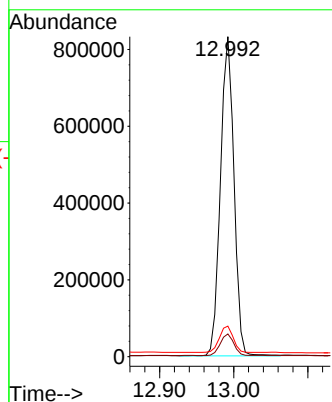
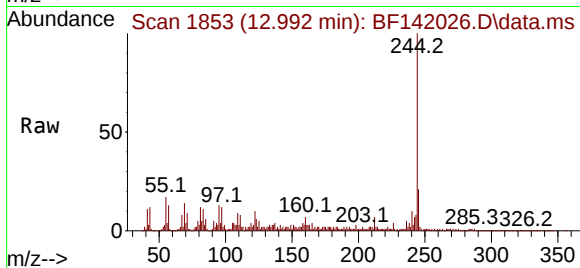
Tgt Ion:244 Resp: 1053052

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 9.5 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF142026.D

Acq: 21 Mar 2025 13:22

Tgt Ion:264 Resp: 311452

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.5 17.5 26.3

