

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
 Data File : BF142758.D
 Acq On : 12 Jun 2025 15:28
 Operator : RC/JU
 Sample : Q2287-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-SLAB

Quant Time: Jun 12 15:55:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

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

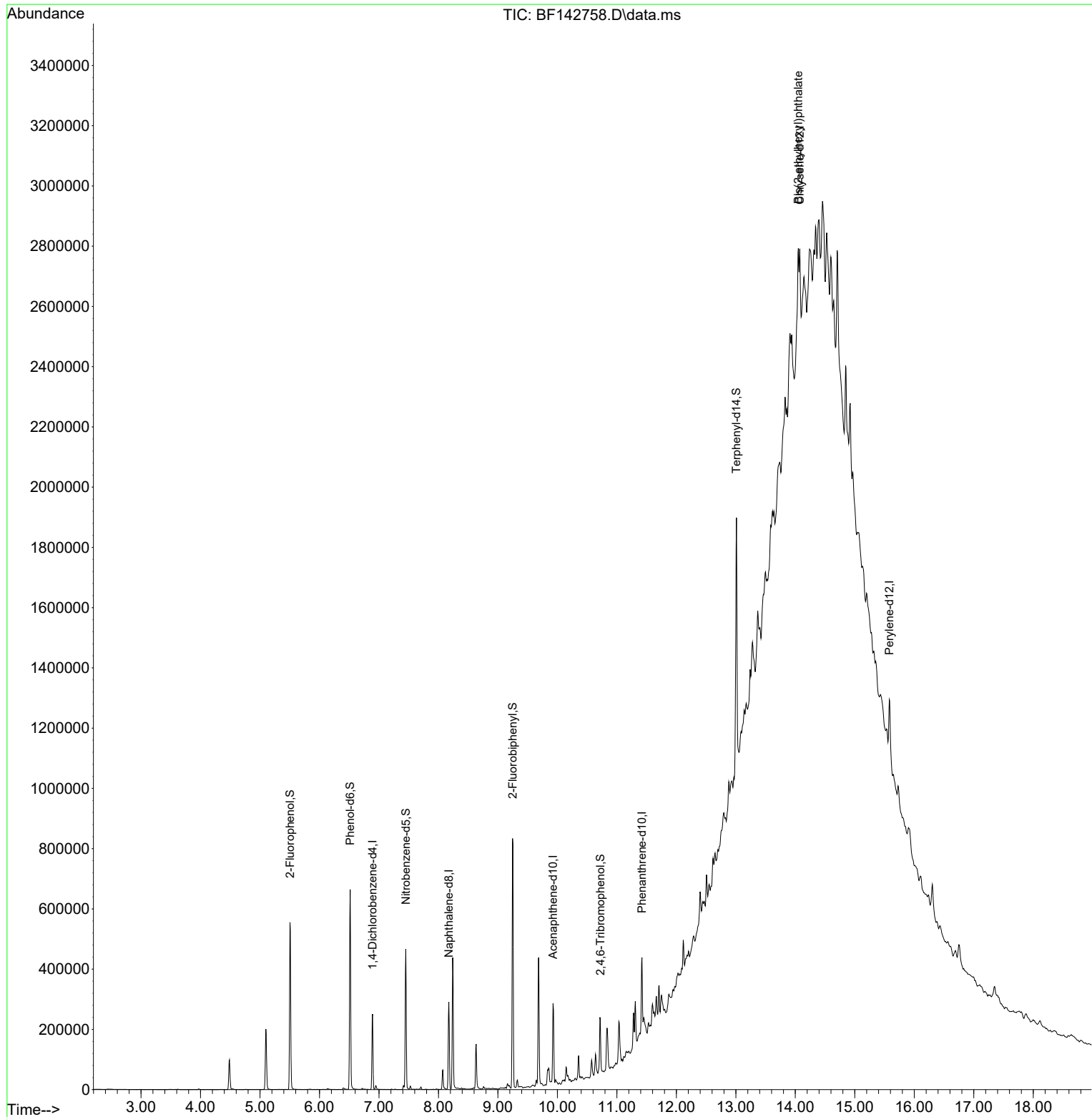
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	55264	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	182833	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	80546	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	127963	20.000	ng	0.00
76) Chrysene-d12	14.074	240	119482	20.000	ng	0.00
86) Perylene-d12	15.580	264	108353	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	217725	67.099	ng	0.00
7) Phenol-d6	6.516	99	297518	77.911	ng	0.00
23) Nitrobenzene-d5	7.451	82	187718	56.190	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	34222	38.766	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	383591	63.271	ng	0.00
79) Terphenyl-d14	13.010	244	387159	44.504	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.051	149	117231	23.791	ng	Qvalue # 91

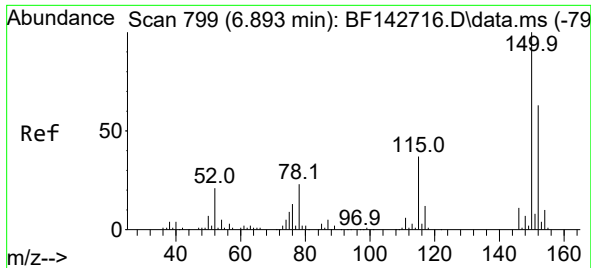
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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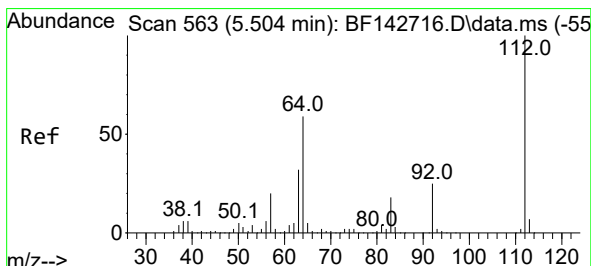
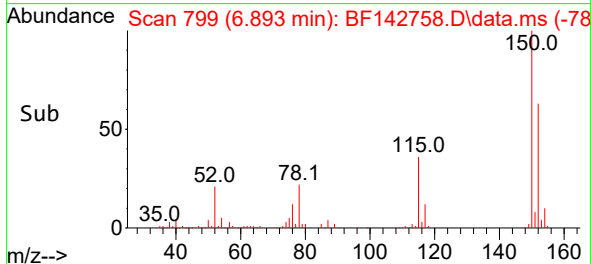
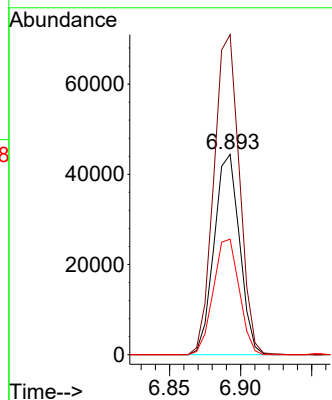
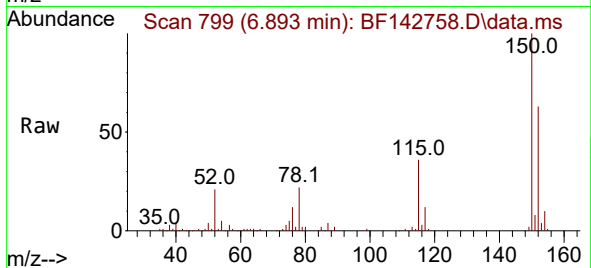




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF142758.D
Acq: 12 Jun 2025 15:28

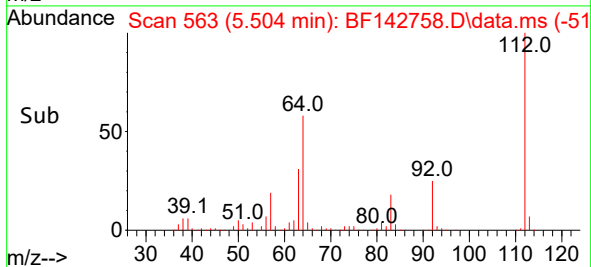
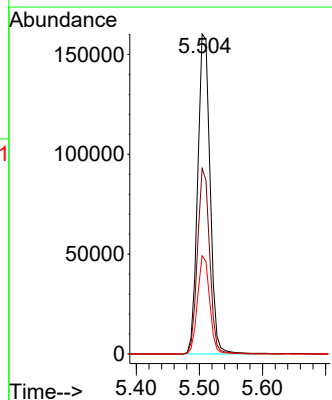
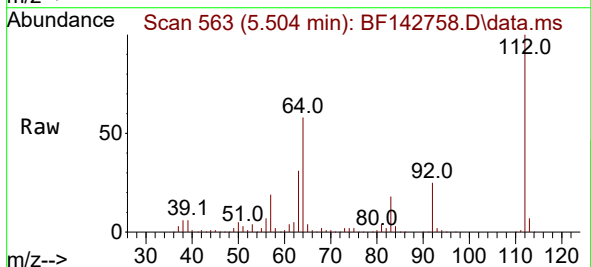
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB

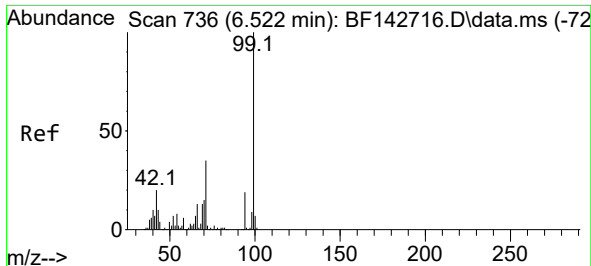
Tgt Ion:152 Resp: 55264
Ion Ratio Lower Upper
152 100
150 159.7 126.9 190.3
115 57.6 47.0 70.6



#5
2-Fluorophenol
Concen: 67.099 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF142758.D
Acq: 12 Jun 2025 15:28

Tgt Ion:112 Resp: 217725
Ion Ratio Lower Upper
112 100
64 57.9 47.4 71.2
63 30.7 25.4 38.0

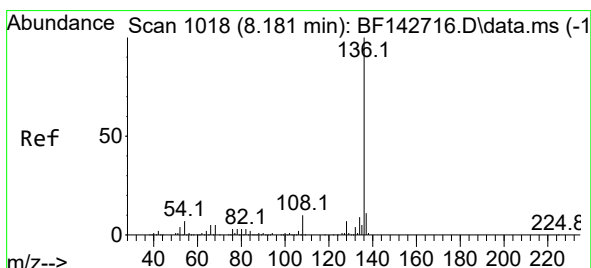
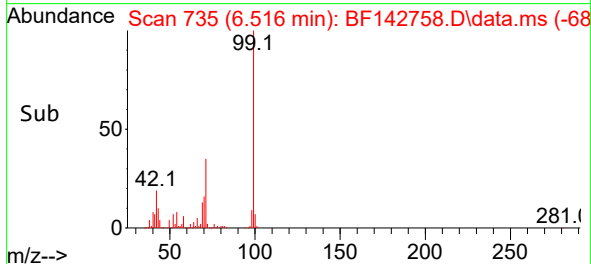
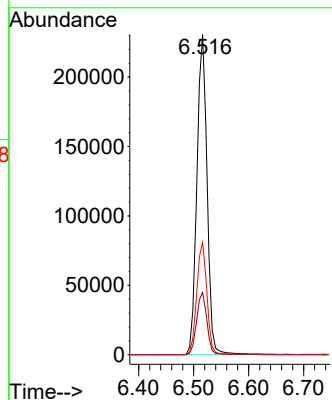
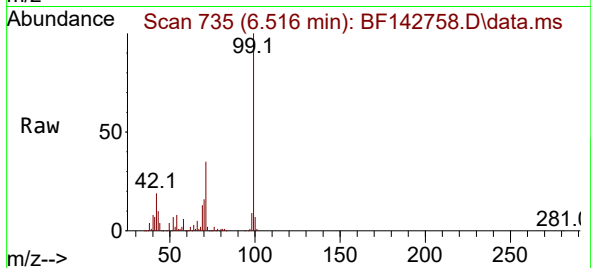




#7
Phenol-d6
Concen: 77.911 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142758.D
Acq: 12 Jun 2025 15:28

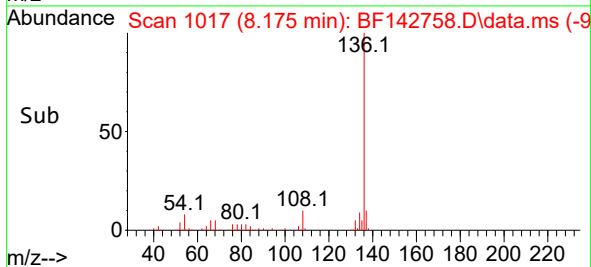
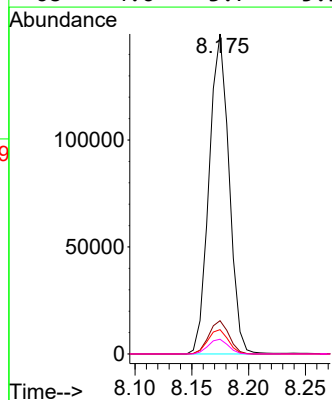
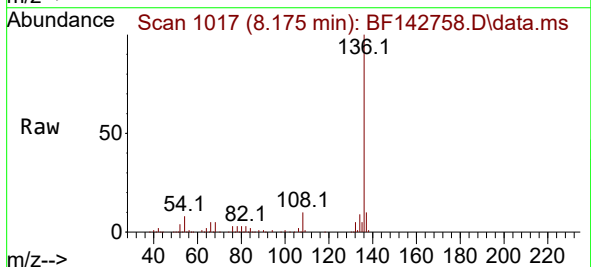
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB

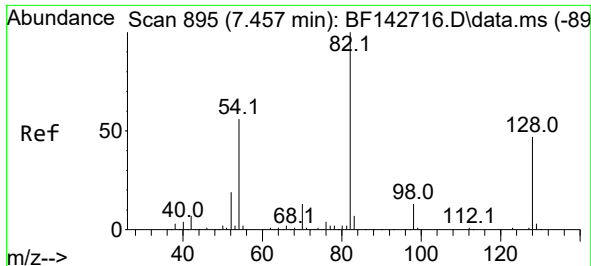
Tgt Ion: 99 Resp: 297518
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 35.1 28.0 42.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF142758.D
Acq: 12 Jun 2025 15:28

Tgt Ion: 136 Resp: 182833
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 7.6 5.9 8.9
68 4.6 3.7 5.5





#23

Nitrobenzene-d5

Concen: 56.190 ng

RT: 7.451 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142758.D

Acq: 12 Jun 2025 15:28

Instrument :

BNA_F

ClientSampleId :

CONCRETE-SLAB

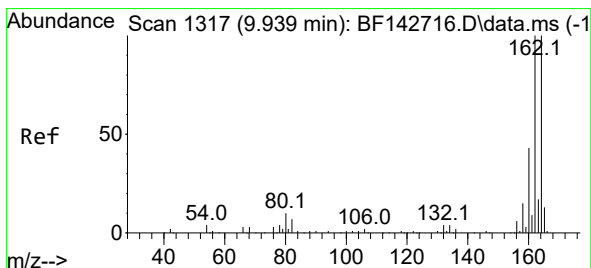
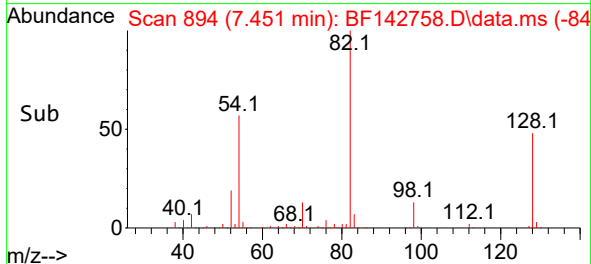
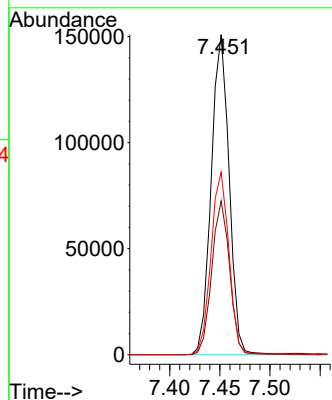
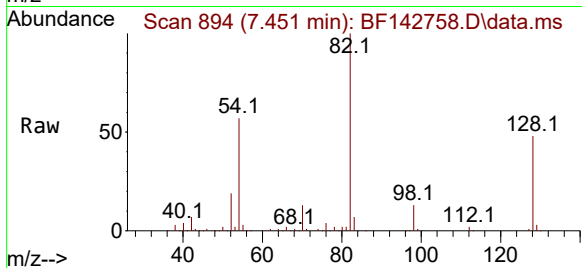
Tgt Ion: 82 Resp: 187718

Ion Ratio Lower Upper

82 100

128 48.1 37.8 56.8

54 57.0 44.9 67.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF142758.D

Acq: 12 Jun 2025 15:28

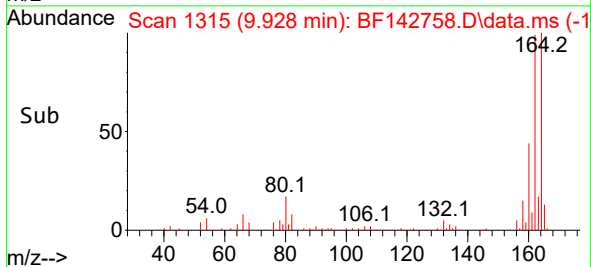
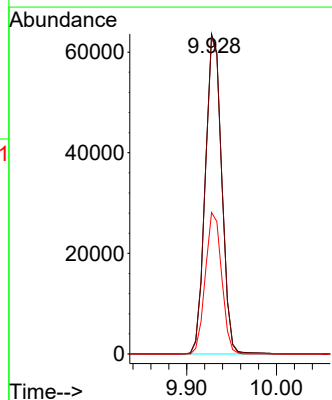
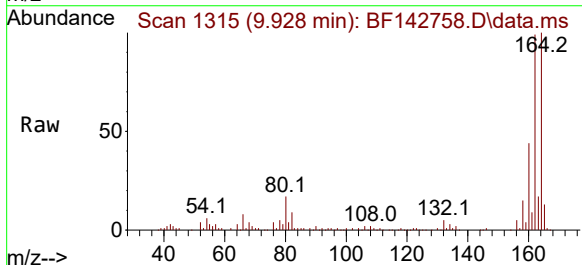
Tgt Ion:164 Resp: 80546

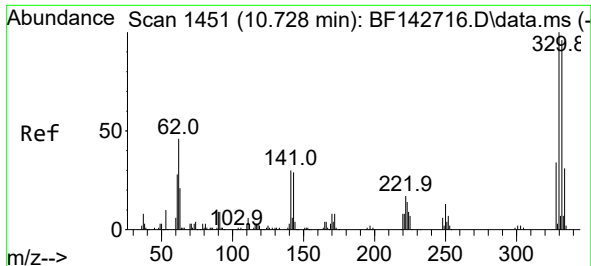
Ion Ratio Lower Upper

164 100

162 99.2 79.9 119.9

160 44.2 34.8 52.2

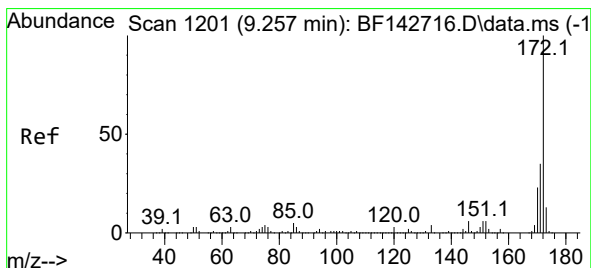
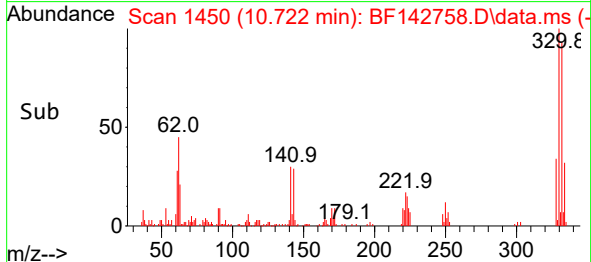
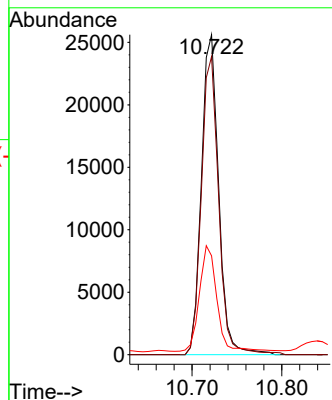
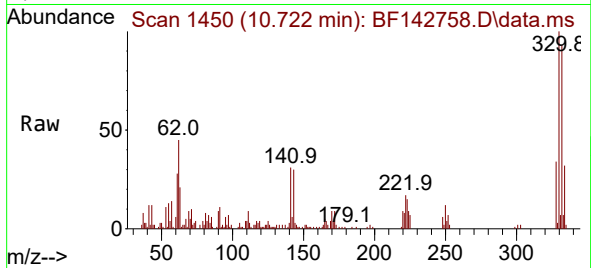




#42
2,4,6-Tribromophenol
Concen: 38.766 ng
RT: 10.722 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142758.D
Acq: 12 Jun 2025 15:28

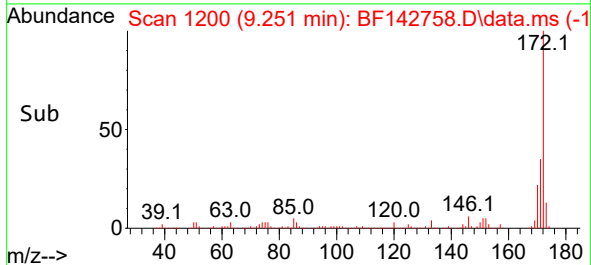
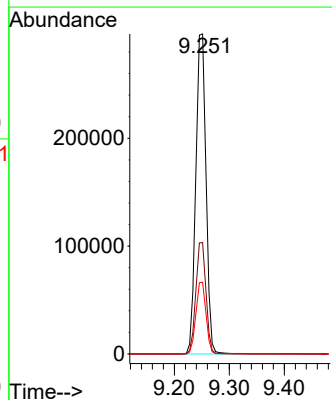
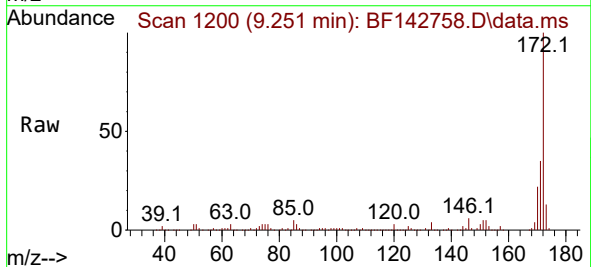
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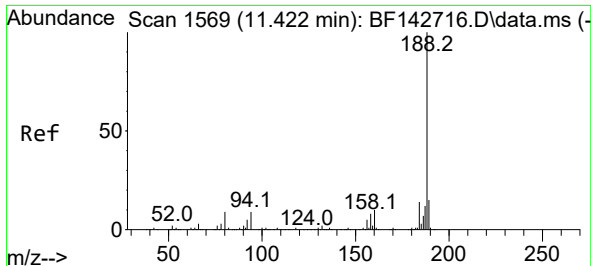
Tgt Ion:330 Resp: 34222
Ion Ratio Lower Upper
330 100
332 93.4 77.0 115.6
141 33.3 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 63.271 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF142758.D
Acq: 12 Jun 2025 15:28

Tgt Ion:172 Resp: 383591
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 22.4 18.6 27.8

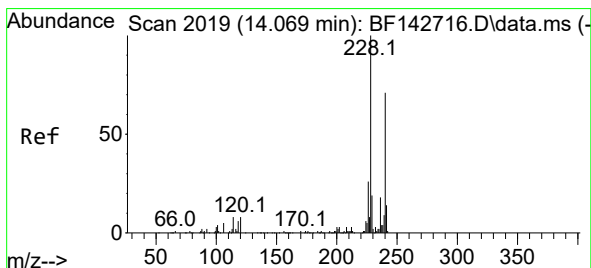
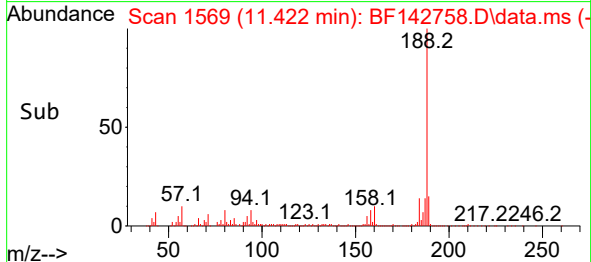
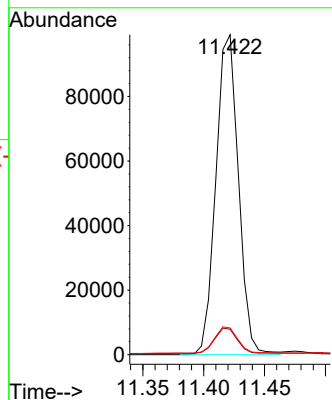
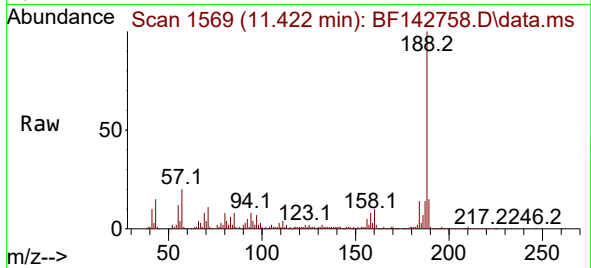




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142758.D
Acq: 12 Jun 2025 15:28

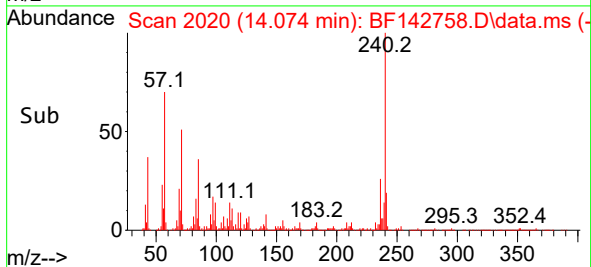
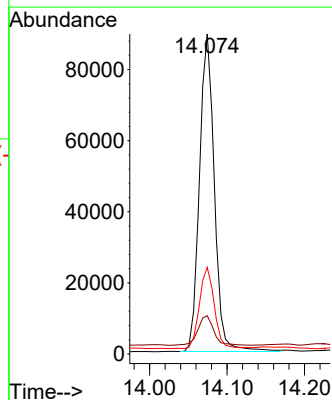
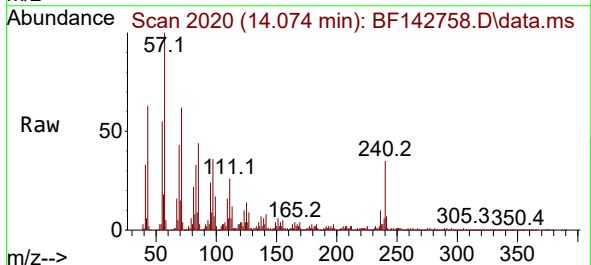
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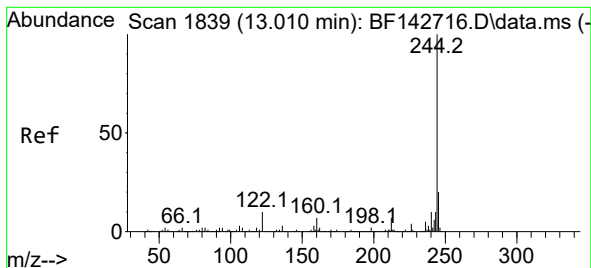
Tgt Ion:188 Resp: 127963
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 8.4 7.1 10.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF142758.D
Acq: 12 Jun 2025 15:28

Tgt Ion:240 Resp: 119482
Ion Ratio Lower Upper
240 100
120 12.0 8.5 12.7
236 27.1 20.1 30.1





#79

Terphenyl-d14

Concen: 44.504 ng

RT: 13.010 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142758.D

Acq: 12 Jun 2025 15:28

Instrument :

BNA_F

ClientSampleId :

CONCRETE-SLAB

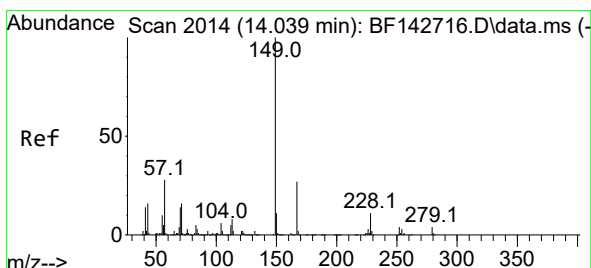
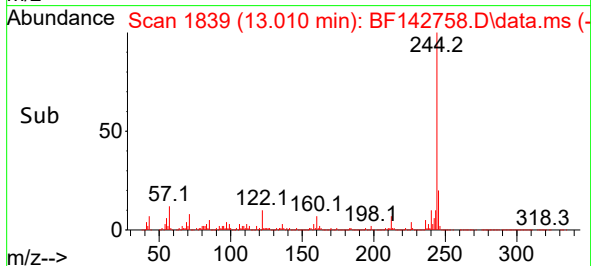
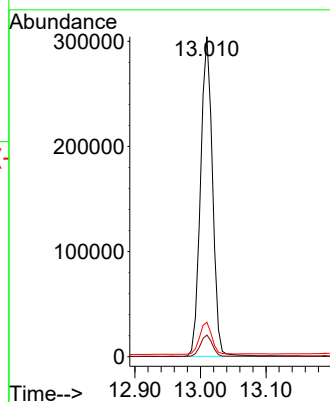
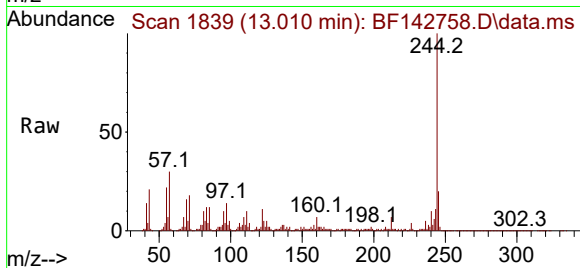
Tgt Ion:244 Resp: 387159

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 10.8 8.3 12.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 23.791 ng

RT: 14.051 min Scan# 2016

Delta R.T. 0.012 min

Lab File: BF142758.D

Acq: 12 Jun 2025 15:28

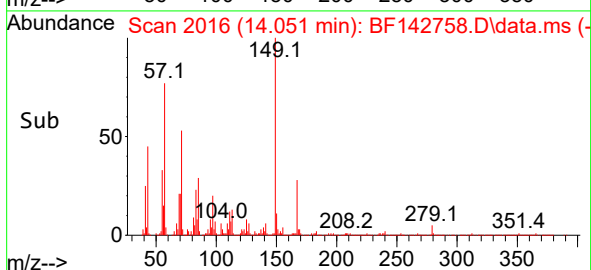
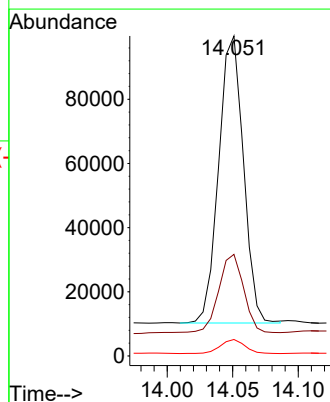
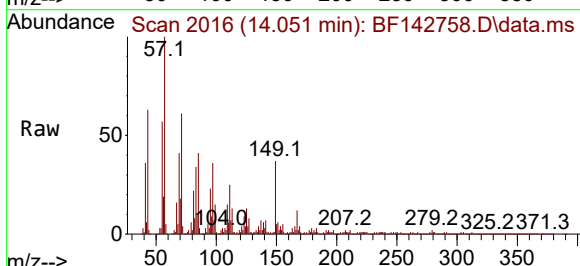
Tgt Ion:149 Resp: 117231

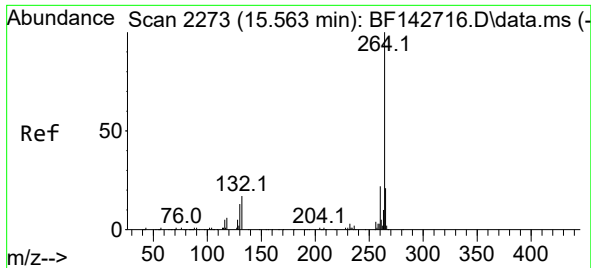
Ion Ratio Lower Upper

149 100

167 31.8 21.4 32.2

279 5.2 3.0 4.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF142758.D
Acq: 12 Jun 2025 15:28

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Tgt Ion:264 Resp: 108353
Ion Ratio Lower Upper
264 100
260 23.5 17.8 26.6
265 21.8 16.6 25.0

