

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)

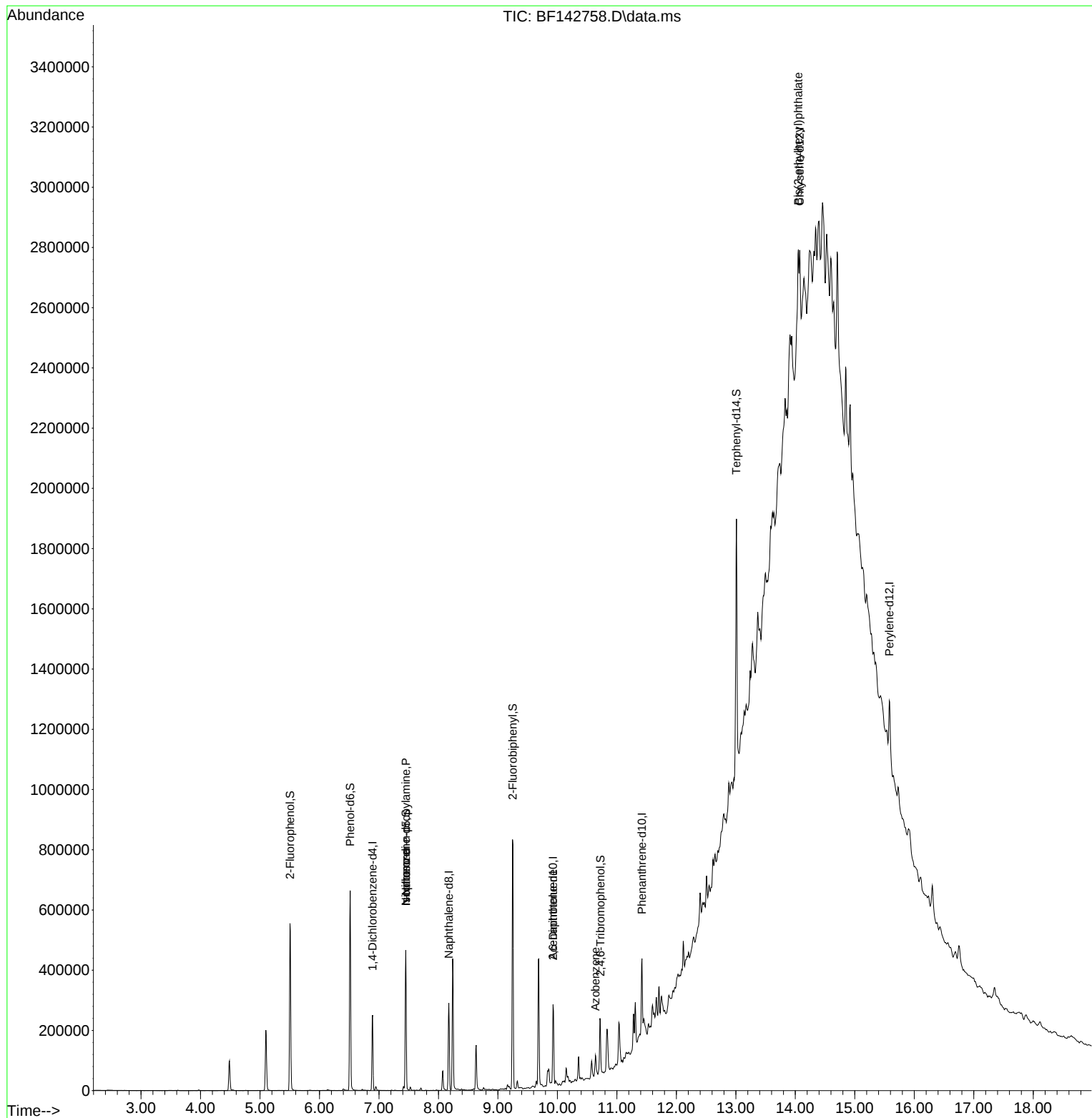
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	55264	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	182833	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	80546	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	127963	20.000	ng	0.00
76) Chrysene-d12	14.074	240	119482	20.000	ng	0.00
86) Perylene-d12	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						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.451	70	25410	10.452	ng	# 76
25) Isophorone	7.451	82	186489	32.969	ng	# 63
51) 2,6-Dinitrotoluene	9.928	165	11099	9.548	ng	# 30
63) Azobenzene	10.639	77	16901	3.628	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.051	149	117231	23.791	ng	# 91

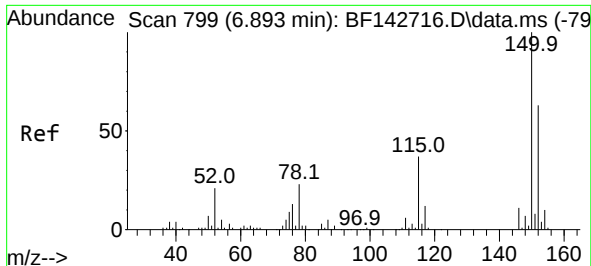
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142758.D
Acq On : 12 Jun 2025 15:28
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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BNA_F
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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

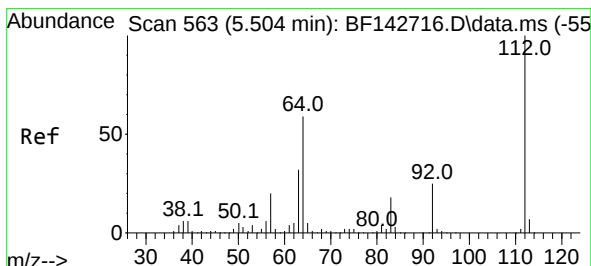
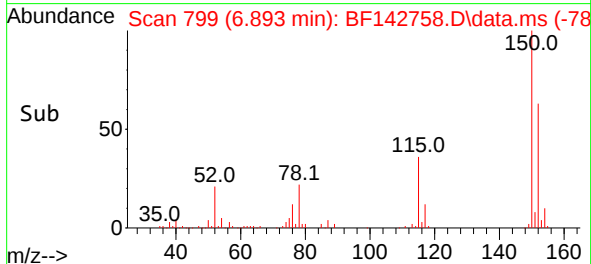
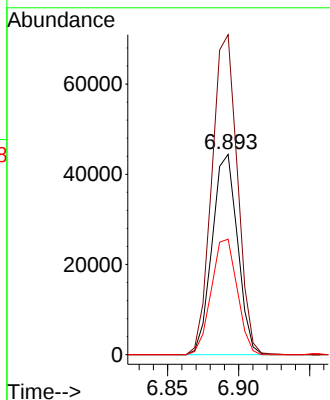
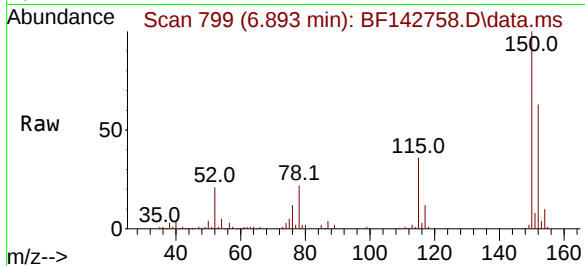




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF142758.D
Acq: 12 Jun 2025 15:28

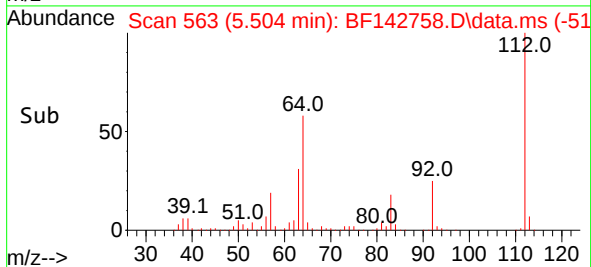
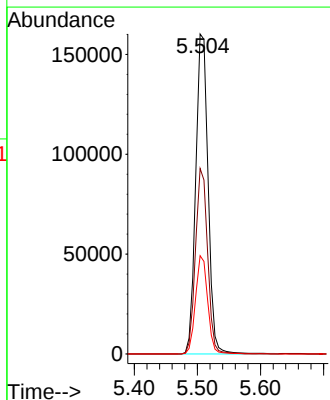
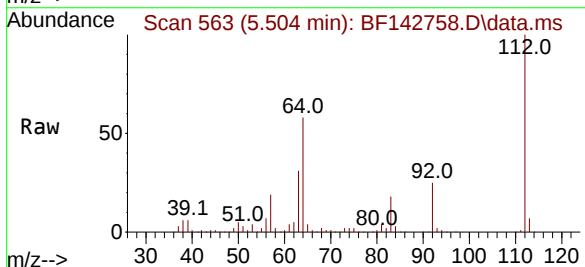
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB

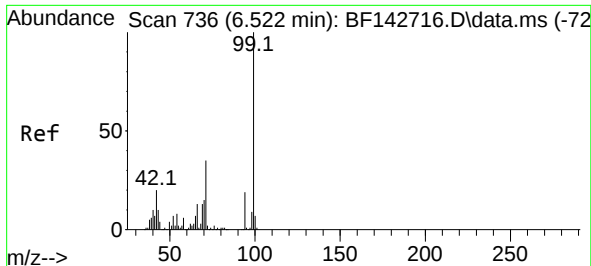
Tgt Ion:152 Resp: 55264
Ion Ratio Lower Upper
152 100
150 159.7 126.9 190.3
115 57.6 47.0 70.6



#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

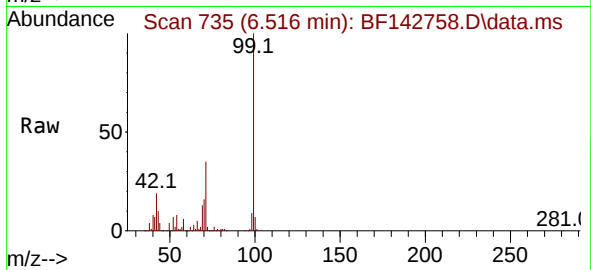
Tgt Ion:112 Resp: 217725
Ion Ratio Lower Upper
112 100
64 57.9 47.4 71.2
63 30.7 25.4 38.0



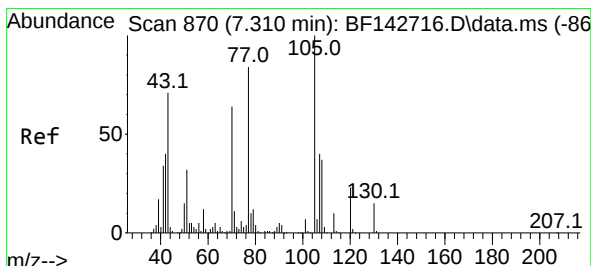
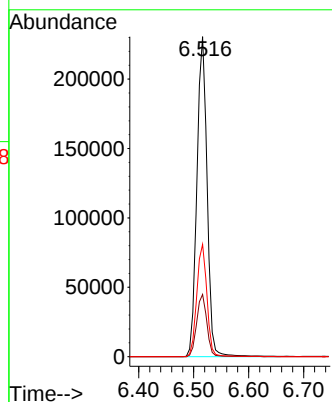
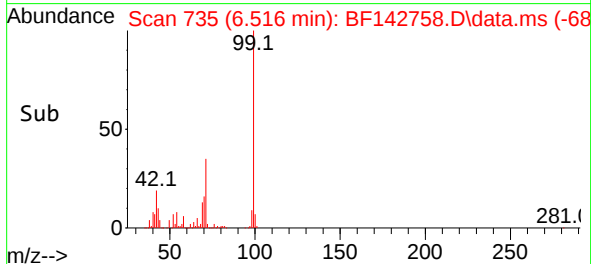


#7
Phenol-d6
Concen: 77.911 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142758.D
Acq: 12 Jun 2025 15:28

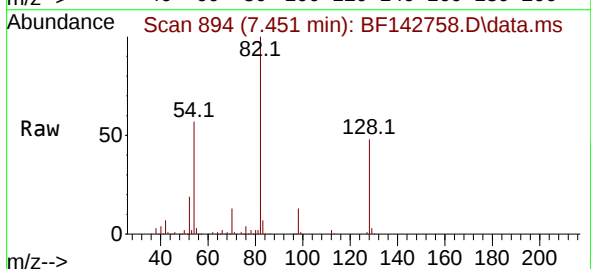
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB



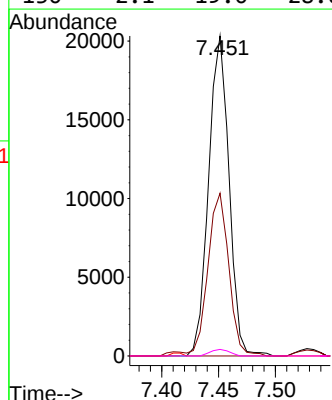
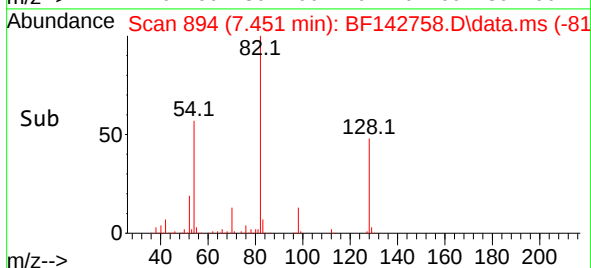
Tgt Ion: 99 Resp: 297518
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 35.1 28.0 42.0

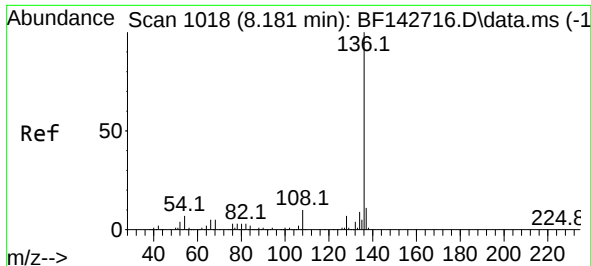


#19
n-Nitroso-di-n-propylamine
Concen: 10.452 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF142758.D
Acq: 12 Jun 2025 15:28



Tgt Ion: 70 Resp: 25410
Ion Ratio Lower Upper
70 100
42 50.8 50.2 75.4
101 0.0 8.3 12.5#
130 2.1 19.0 28.6#



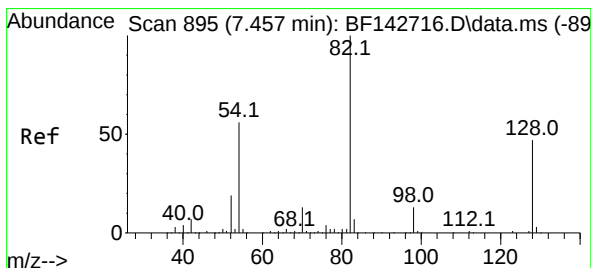
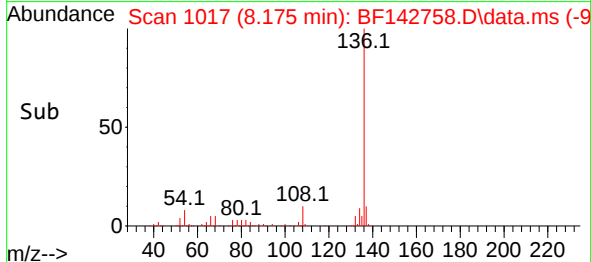
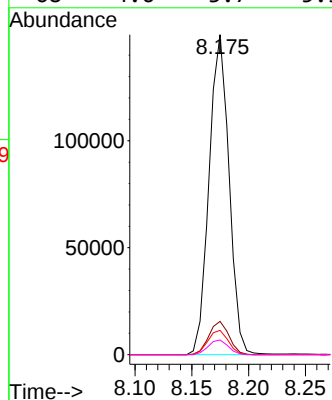
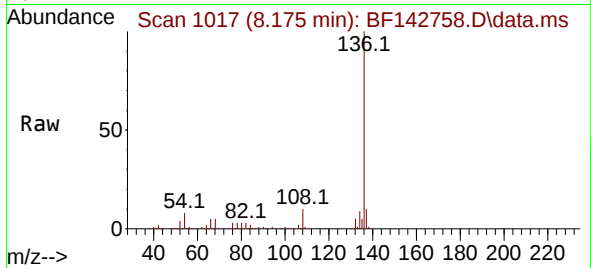


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142758.D
Acq: 12 Jun 2025 15:28

Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB

Tgt Ion:136 Resp: 182833

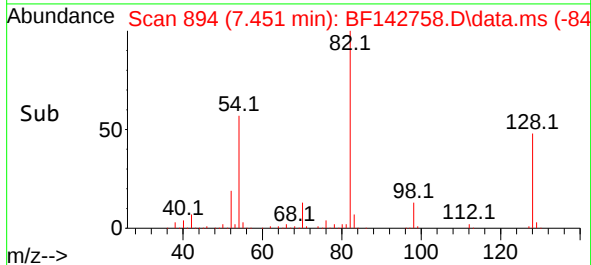
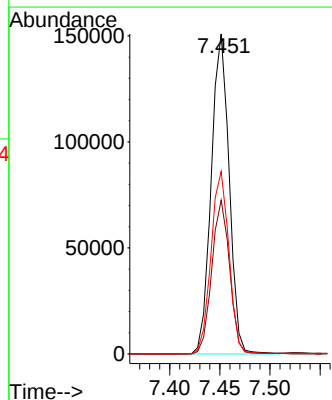
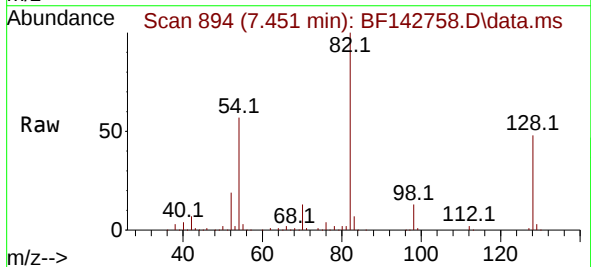
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	7.6	5.9	8.9
68	4.6	3.7	5.5

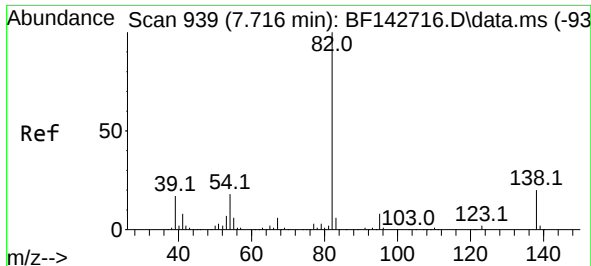


#23
Nitrobenzene-d5
Concen: 56.190 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF142758.D
Acq: 12 Jun 2025 15:28

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

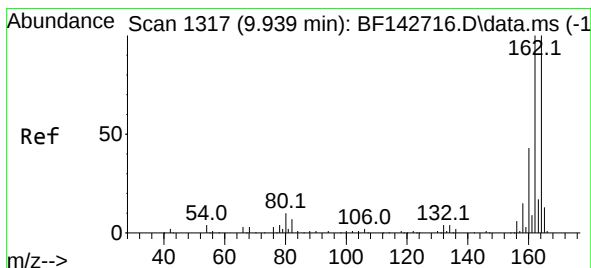
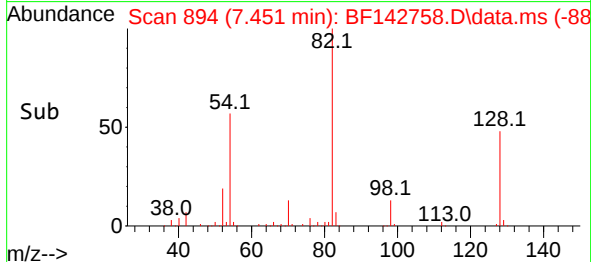
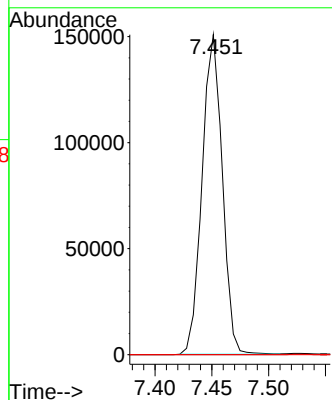
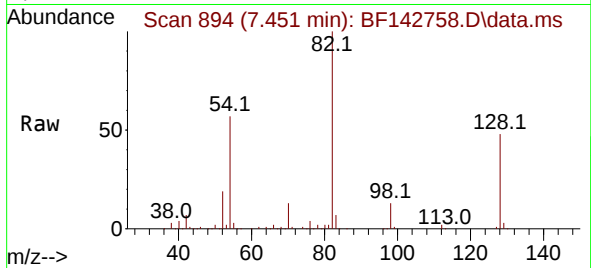




#25
Isophorone
Concen: 32.969 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF142758.D
Acq: 12 Jun 2025 15:28

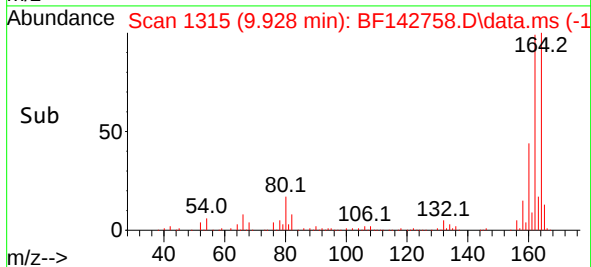
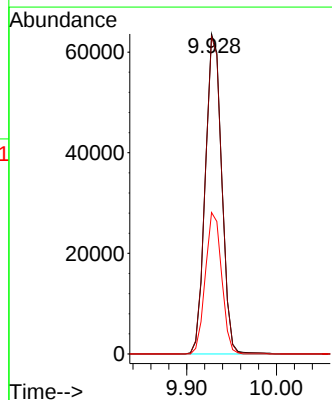
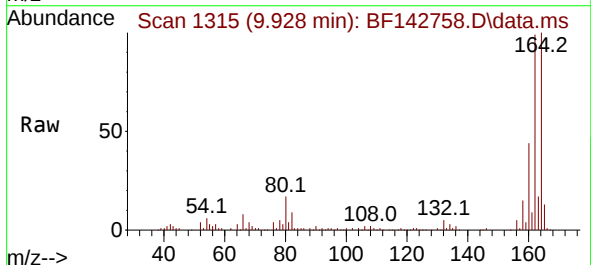
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB

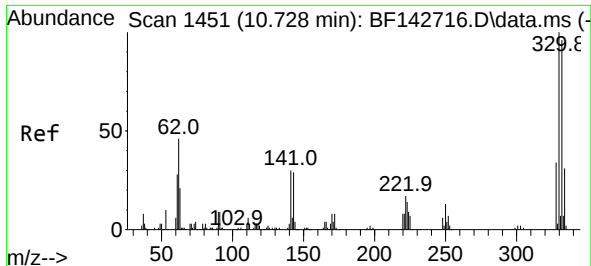
Tgt Ion: 82 Resp: 186489
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.8 23.6#



#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

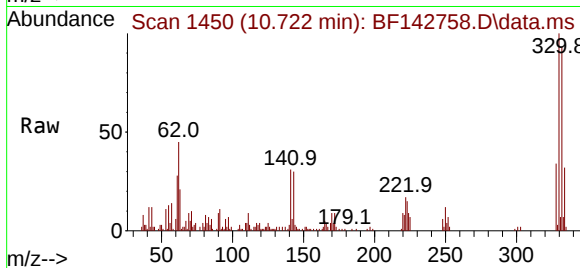
Acq: 12 Jun 2025 15:28

Instrument :

BNA_F

ClientSampleId :

CONCRETE-SLAB



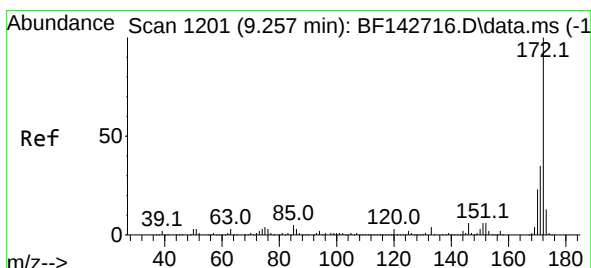
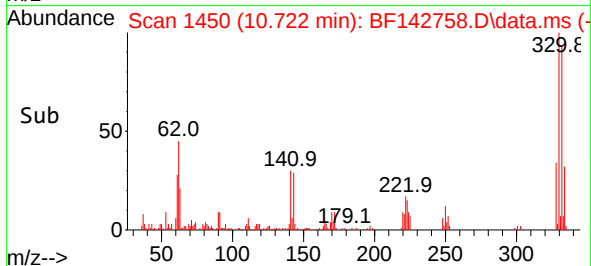
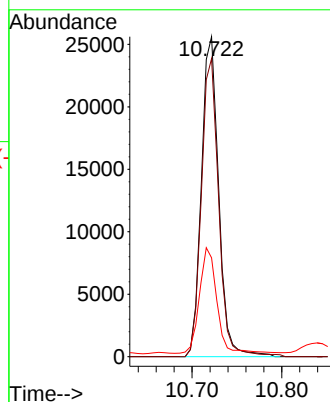
Tgt Ion:330 Resp: 34222

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

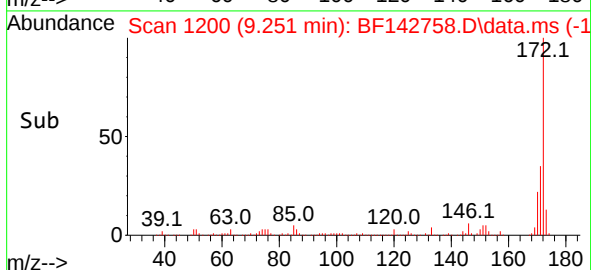
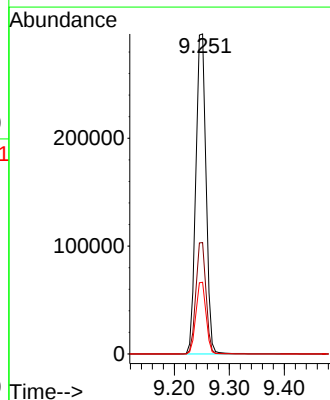
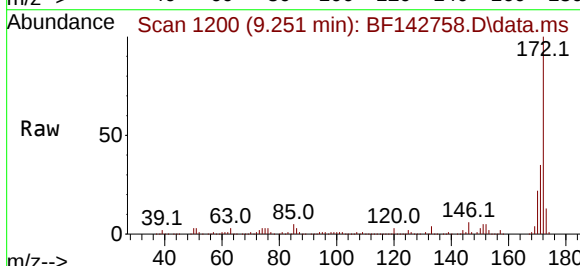
Tgt Ion:172 Resp: 383591

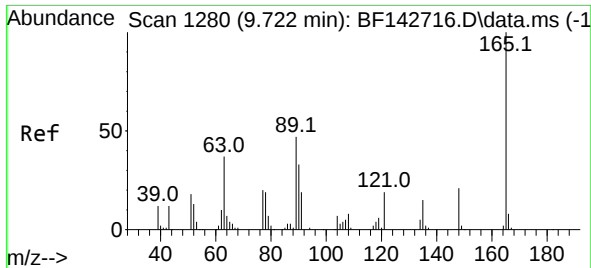
Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 22.4 18.6 27.8

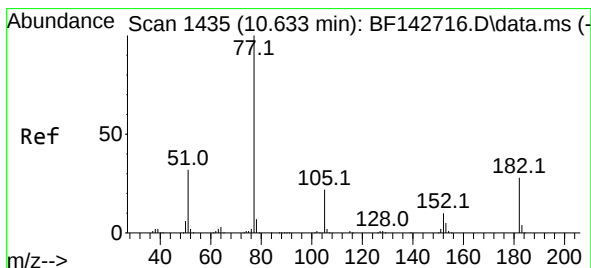
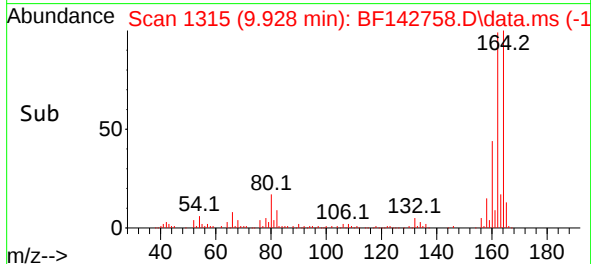
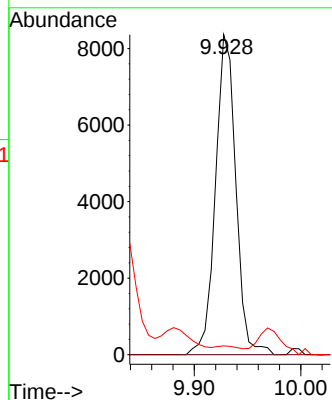
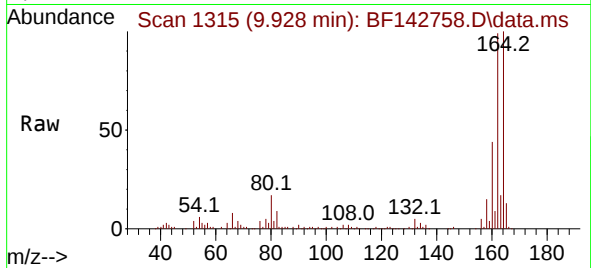




#51
2,6-Dinitrotoluene
Concen: 9.548 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF142758.D
Acq: 12 Jun 2025 15:28

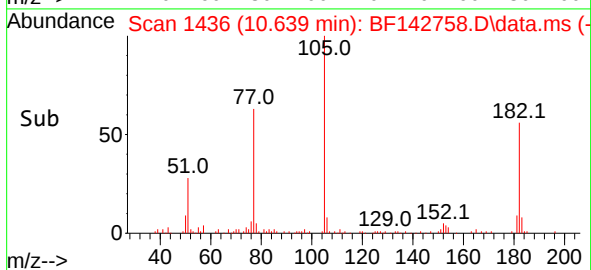
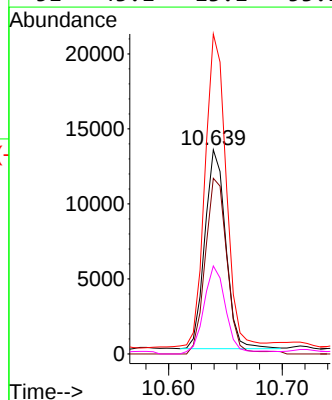
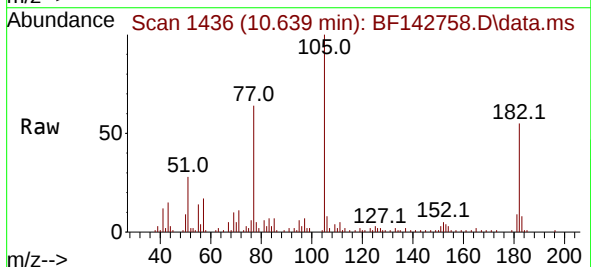
Instrument :
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CONCRETE-SLAB

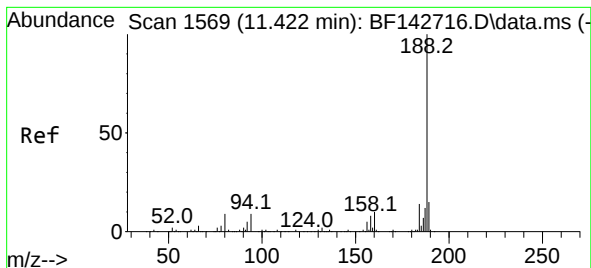
Tgt Ion:165 Resp: 11099
Ion Ratio Lower Upper
165 100
63 0.0 40.6 60.8#
89 2.8 37.6 56.4#



#63
Azobenzene
Concen: 3.628 ng
RT: 10.639 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF142758.D
Acq: 12 Jun 2025 15:28

Tgt Ion: 77 Resp: 16901
Ion Ratio Lower Upper
77 100
182 86.0 7.8 47.8#
105 156.8 1.9 41.9#
51 43.1 13.1 53.1





#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

Instrument :

BNA_F

ClientSampleId :

CONCRETE-SLAB

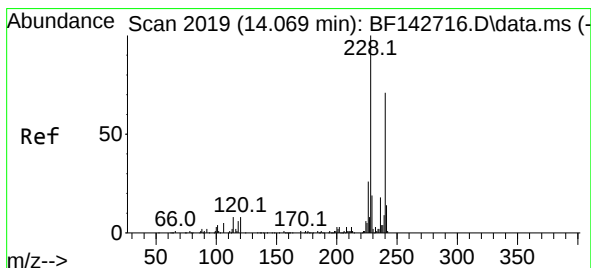
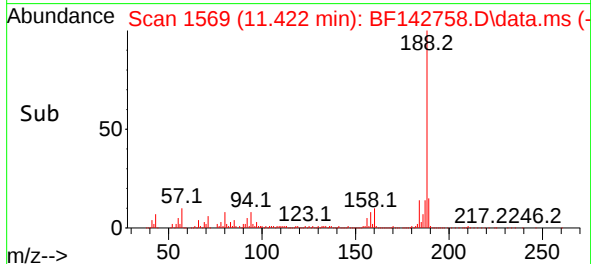
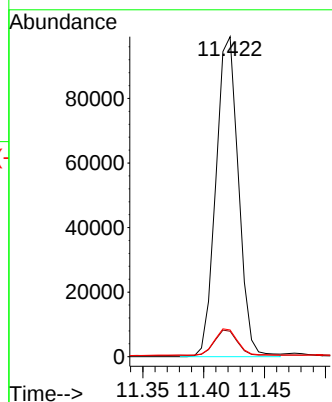
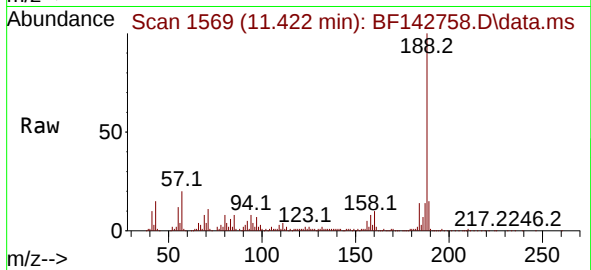
Tgt Ion:188 Resp: 127963

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

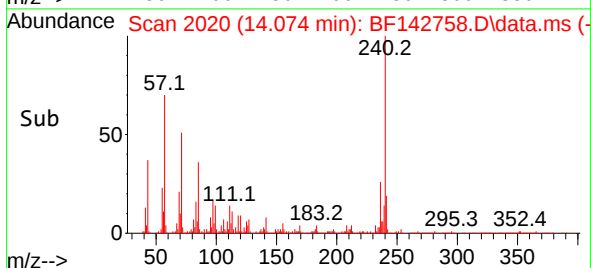
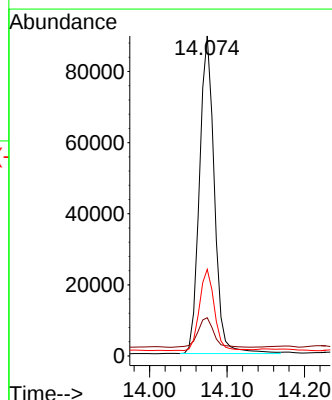
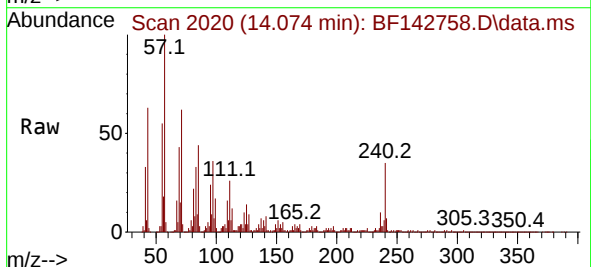
Tgt Ion:240 Resp: 119482

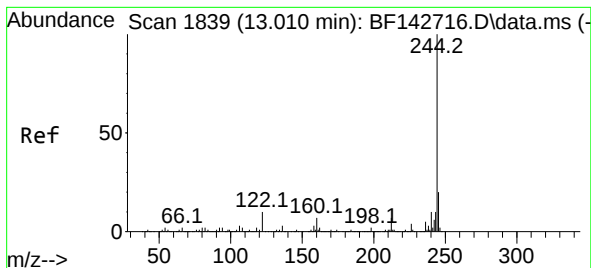
Ion Ratio Lower Upper

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

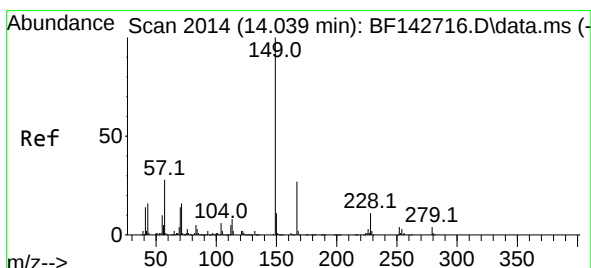
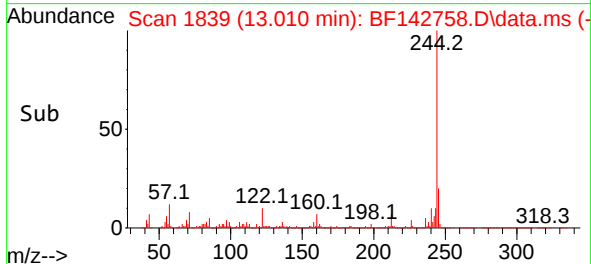
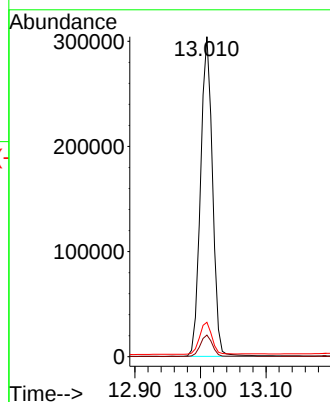
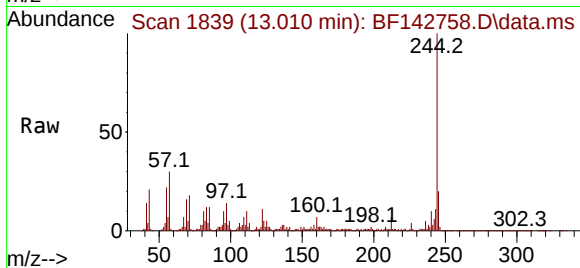
Tgt Ion:244 Resp: 387159

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

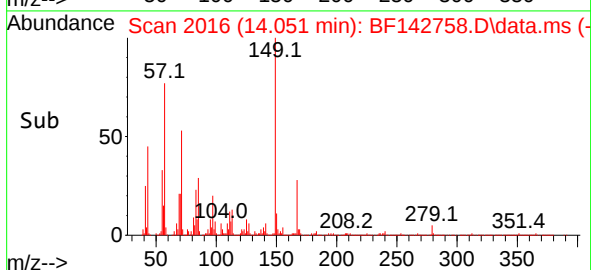
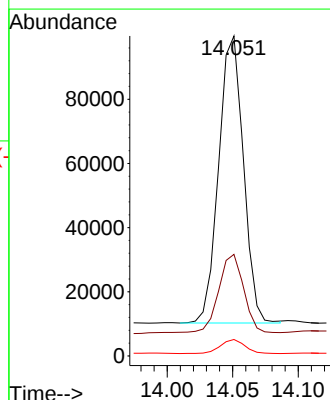
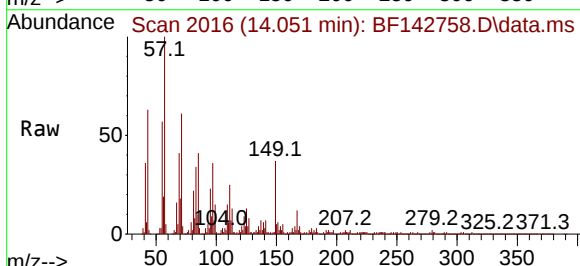
Tgt Ion:149 Resp: 117231

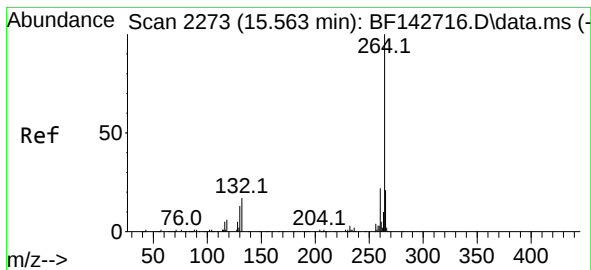
Ion Ratio Lower Upper

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

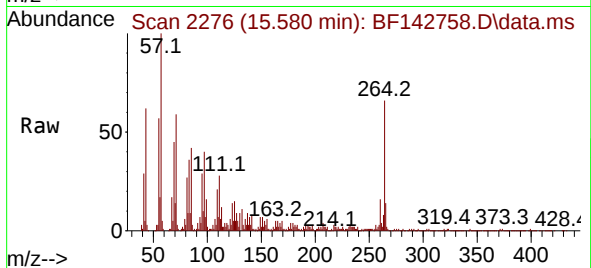
Acq: 12 Jun 2025 15:28

Instrument :

BNA_F

ClientSampleId :

CONCRETE-SLAB



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

