

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142855.D
 Acq On : 26 Jun 2025 00:12
 Operator : RC/JU
 Sample : Q2403-03 20X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAW-25-0093

Quant Time: Jun 26 01:22:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

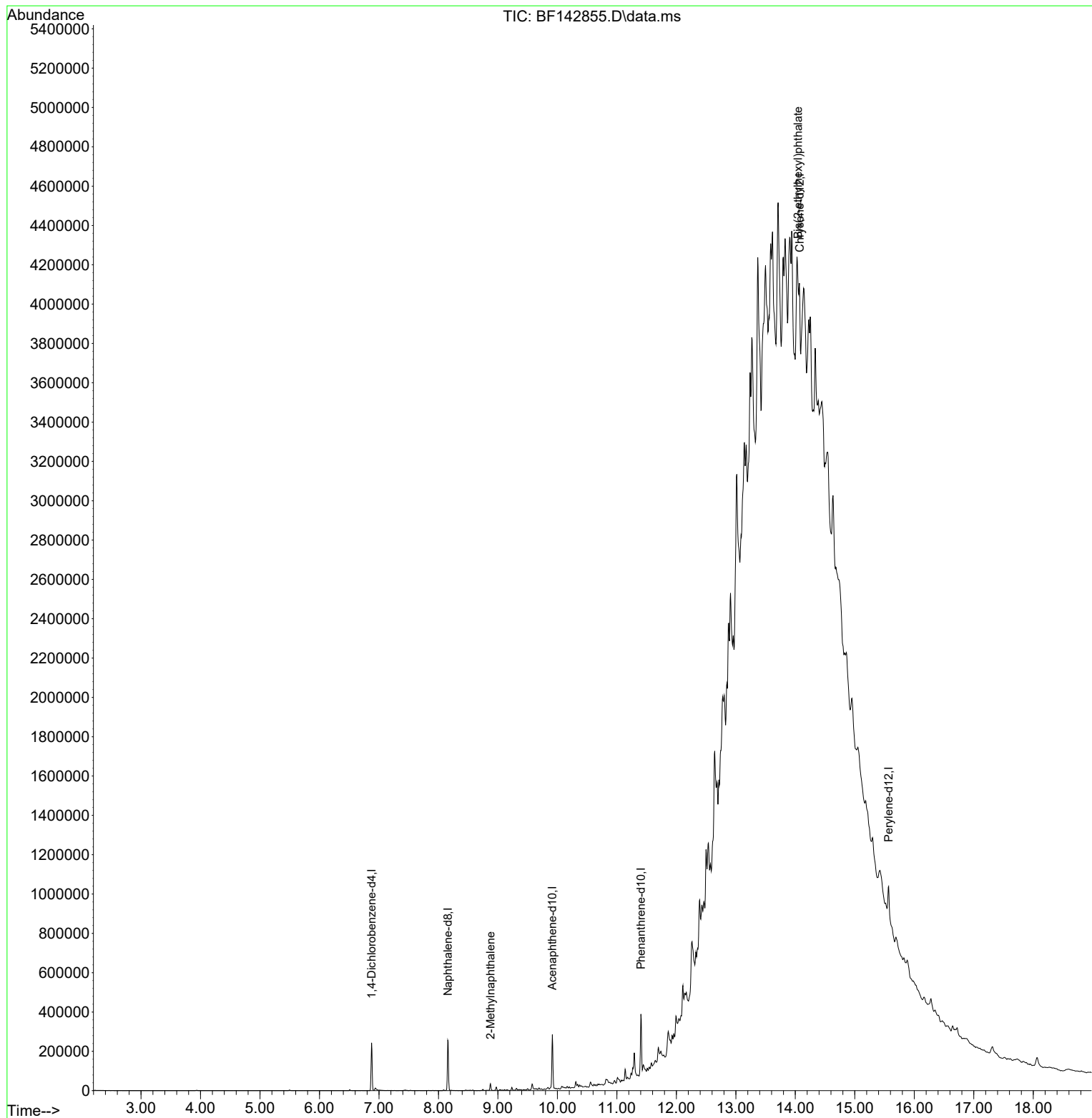
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	53692	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	171136	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	79909	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	160529	20.000	ng	0.00
76) Chrysene-d12	14.074	240	118338	20.000	ng	0.02
86) Perylene-d12	15.568	264	88726	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1948	0.604	ng	0.00
7) Phenol-d6	6.510	99	2724	0.716	ng	0.00
23) Nitrobenzene-d5	7.439	82	1744	0.559	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	1519	1.847	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	8033	1.321	ng	-0.01
79) Terphenyl-d14	12.998	244	11097	1.296	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.875	142	13799	2.657	ng	Qvalue 97
84) Bis(2-ethylhexyl)phtha...	14.045	149	30847	6.663	ng	# 67

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

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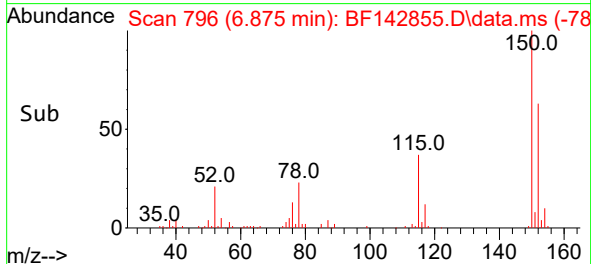
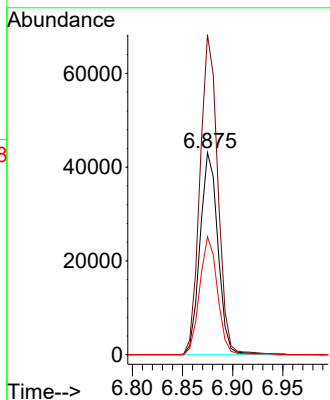
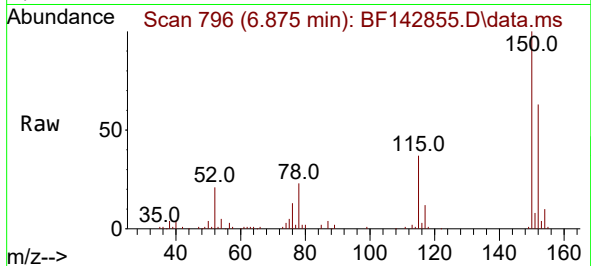




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142855.D
Acq: 26 Jun 2025 00:12

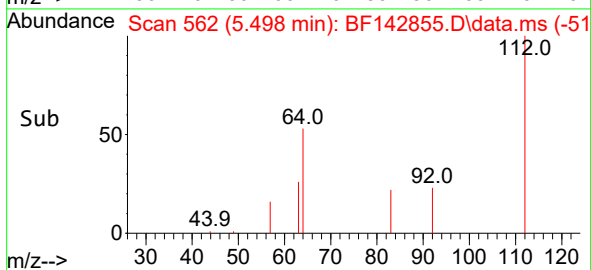
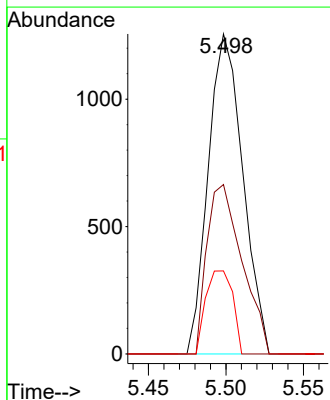
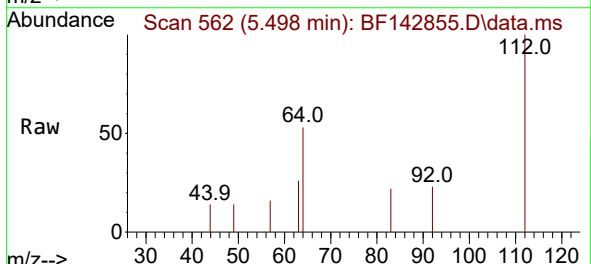
Instrument :
BNA_F
ClientSampleId :
LAW-25-0093

Tgt Ion:152 Resp: 53692
Ion Ratio Lower Upper
152 100
150 158.3 127.2 190.8
115 58.4 46.6 69.8



#5
2-Fluorophenol
Concen: 0.604 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF142855.D
Acq: 26 Jun 2025 00:12

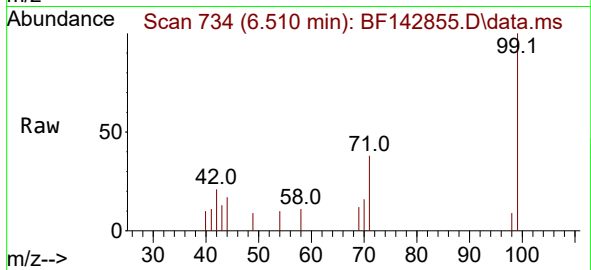
Tgt Ion:112 Resp: 1948
Ion Ratio Lower Upper
112 100
64 52.9 48.2 72.2
63 26.0 25.7 38.5



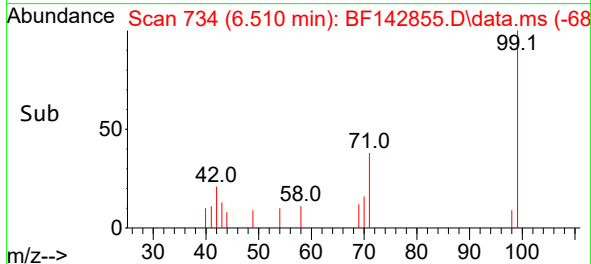
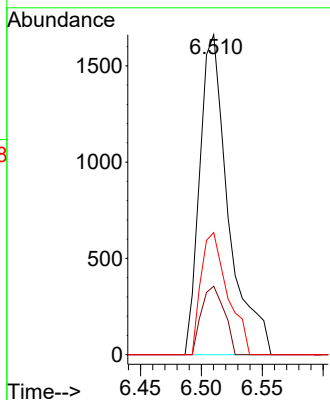


#7
Phenol-d6
Concen: 0.716 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142855.D
Acq: 26 Jun 2025 00:12

Instrument :
BNA_F
ClientSampleId :
LAW-25-0093

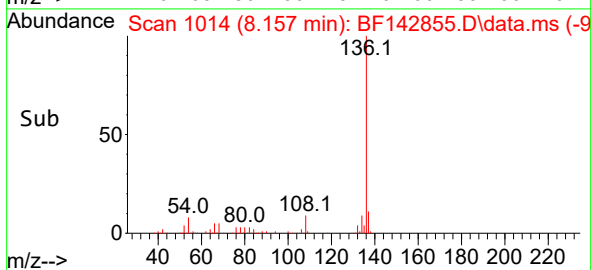
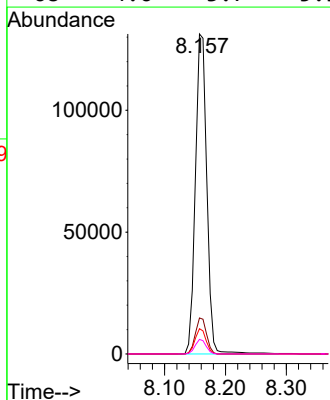
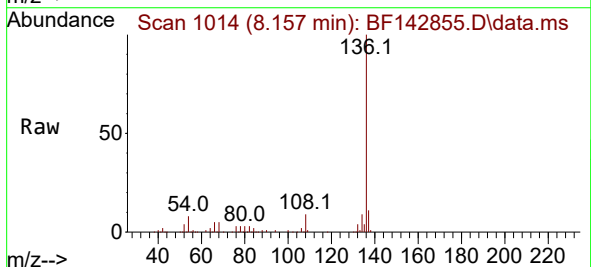


Tgt Ion:	99	Ratio	100	Lower	Upper
99	100				
42	21.4		15.9	23.9	
71	38.1		27.8	41.8	



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142855.D
Acq: 26 Jun 2025 00:12

Tgt Ion:	136	Ratio	100	Lower	Upper
136	100				
137	11.2		8.4	12.6	
54	7.9		6.3	9.5	
68	4.6		3.7	5.5	





#23

Nitrobenzene-d5

Concen: 0.559 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142855.D

Acq: 26 Jun 2025 00:12

Instrument :

BNA_F

ClientSampleId :

LAW-25-0093

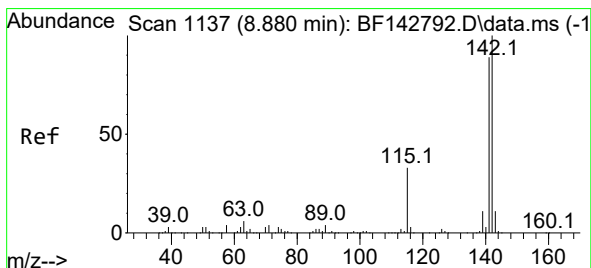
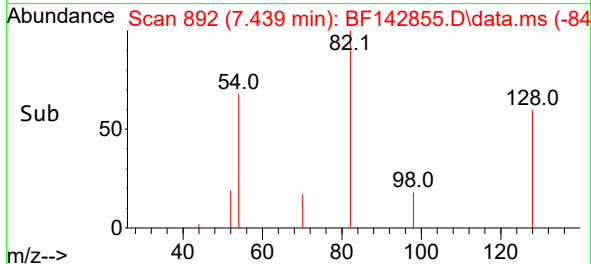
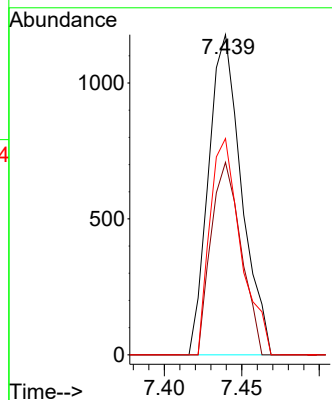
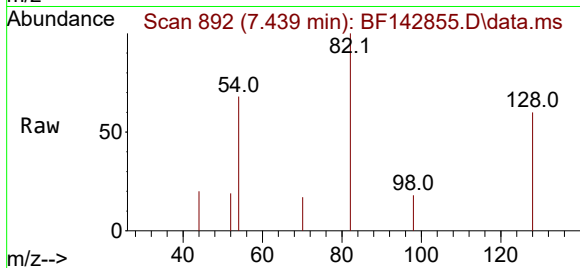
Tgt Ion: 82 Resp: 1744

Ion Ratio Lower Upper

82 100

128 60.1 37.7 56.5#

54 67.6 45.7 68.5



#37

2-Methylnaphthalene

Concen: 2.657 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF142855.D

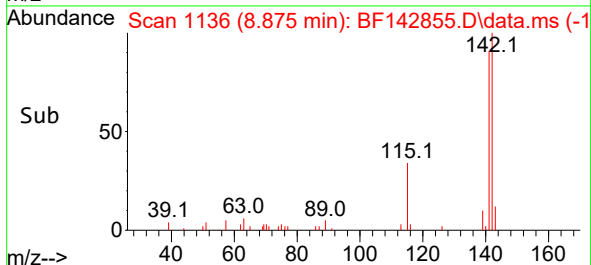
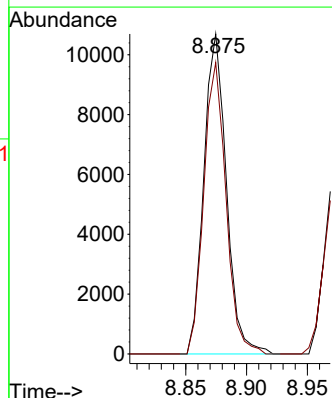
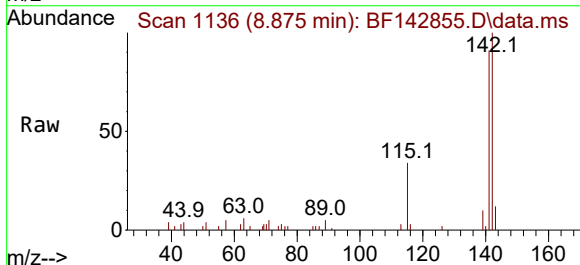
Acq: 26 Jun 2025 00:12

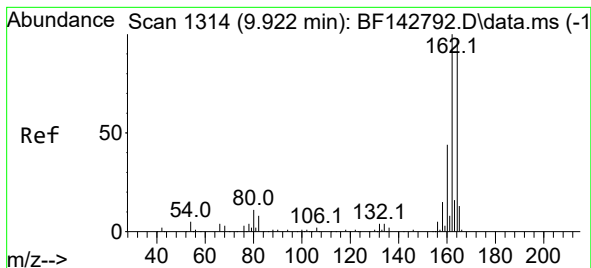
Tgt Ion:142 Resp: 13799

Ion Ratio Lower Upper

142 100

141 91.1 70.9 106.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142855.D

Acq: 26 Jun 2025 00:12

Instrument :

BNA_F

ClientSampleId :

LAW-25-0093

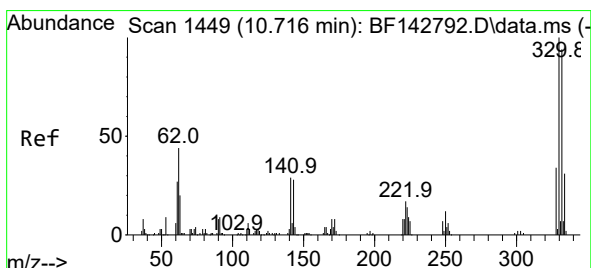
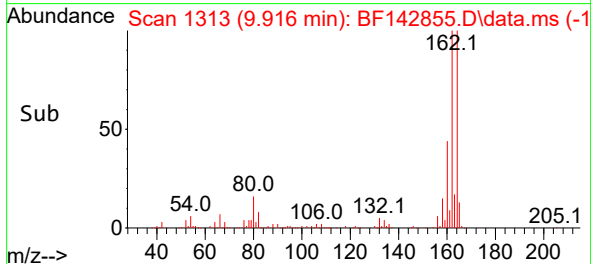
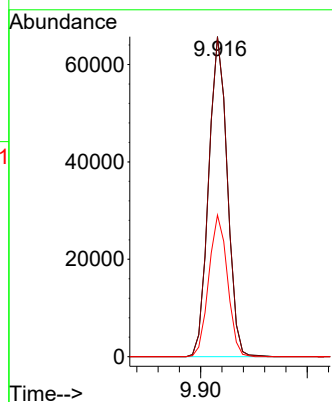
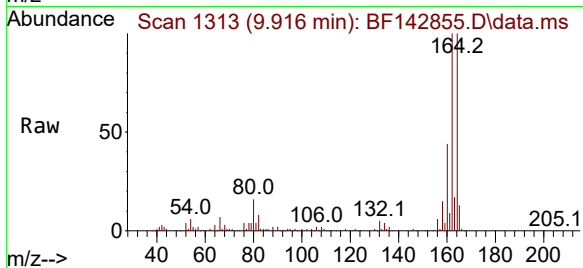
Tgt Ion:164 Resp: 79909

Ion Ratio Lower Upper

164 100

162 100.0 81.8 122.8

160 44.2 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 1.847 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF142855.D

Acq: 26 Jun 2025 00:12

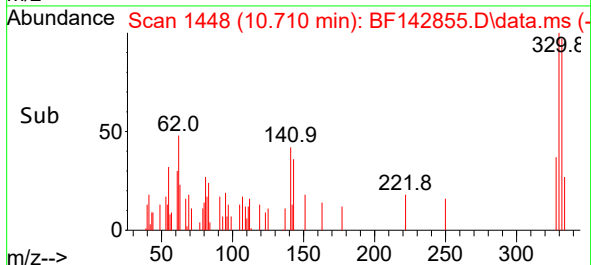
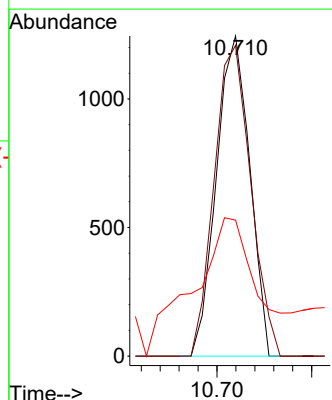
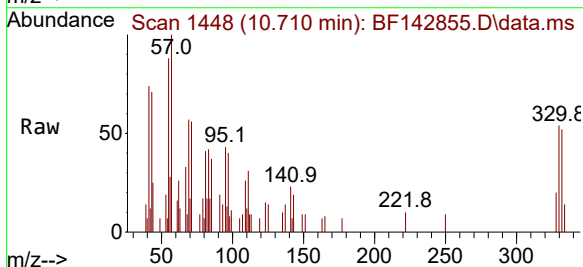
Tgt Ion:330 Resp: 1519

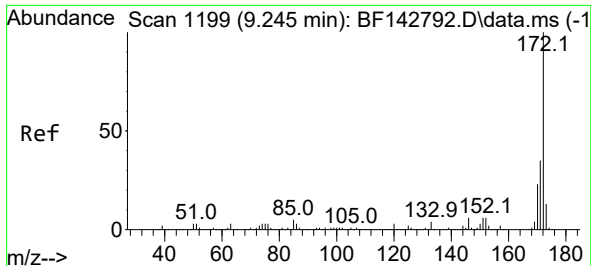
Ion Ratio Lower Upper

330 100

332 106.6 75.0 112.6

141 81.8 25.3 37.9#





#45

2-Fluorobiphenyl

Concen: 1.321 ng

RT: 9.233 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF142855.D

Acq: 26 Jun 2025 00:12

Instrument :

BNA_F

ClientSampleId :

LAW-25-0093

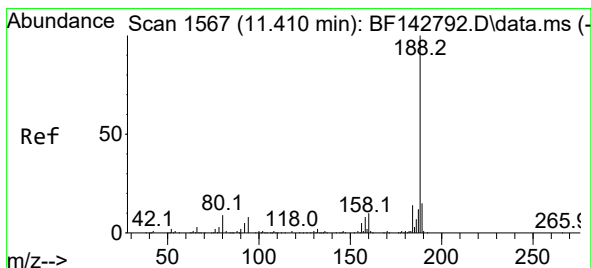
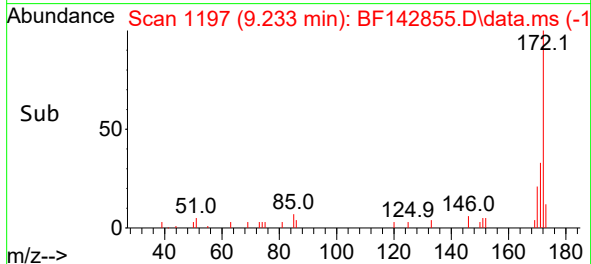
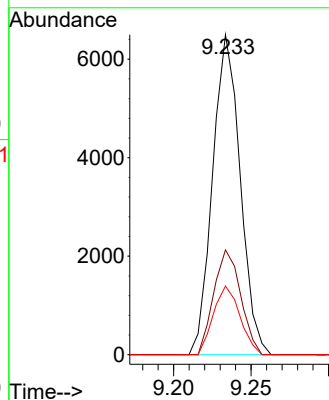
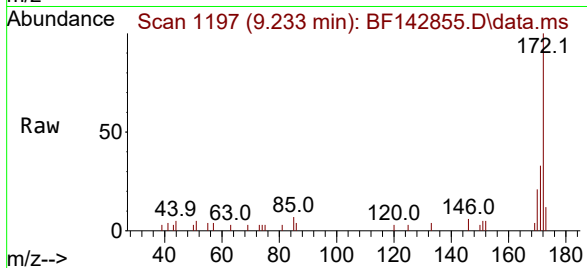
Tgt Ion:172 Resp: 8033

Ion Ratio Lower Upper

172 100

171 32.7 28.2 42.4

170 21.4 18.5 27.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF142855.D

Acq: 26 Jun 2025 00:12

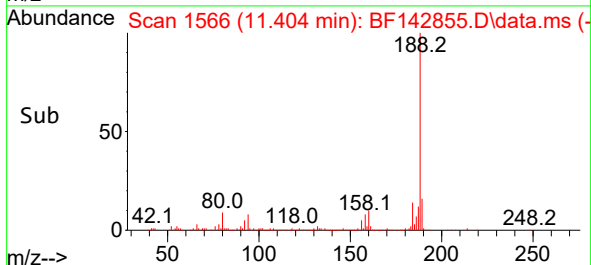
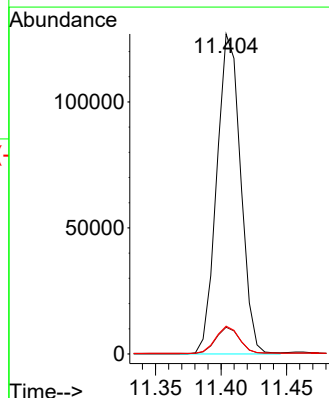
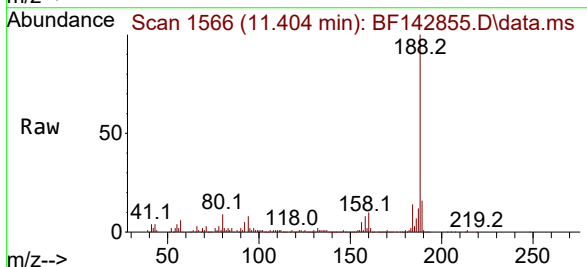
Tgt Ion:188 Resp: 160529

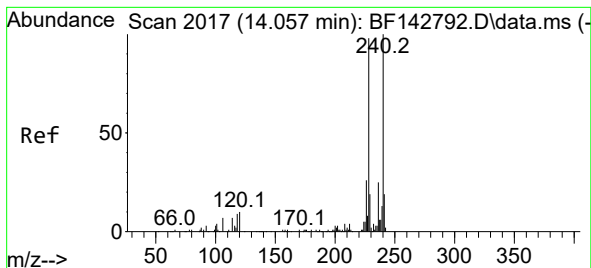
Ion Ratio Lower Upper

188 100

94 8.4 6.7 10.1

80 8.7 6.9 10.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF142855.D

Acq: 26 Jun 2025 00:12

Instrument :

BNA_F

ClientSampleId :

LAW-25-0093

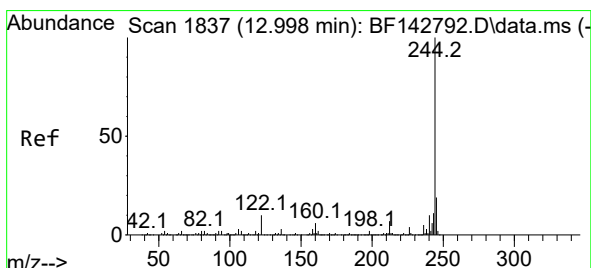
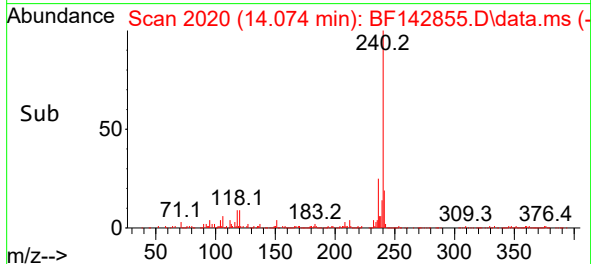
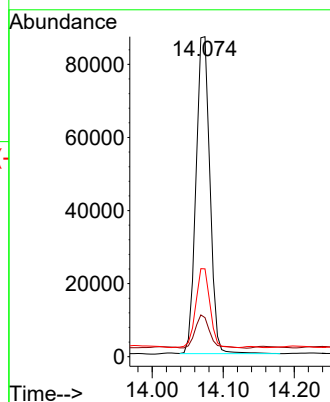
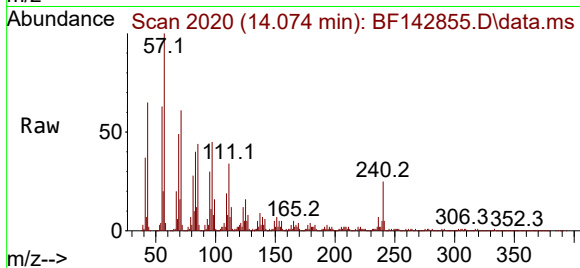
Tgt Ion:240 Resp: 118338

Ion Ratio Lower Upper

240 100

120 12.2 8.2 12.2

236 27.5 19.8 29.8



#79

Terphenyl-d14

Concen: 1.296 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF142855.D

Acq: 26 Jun 2025 00:12

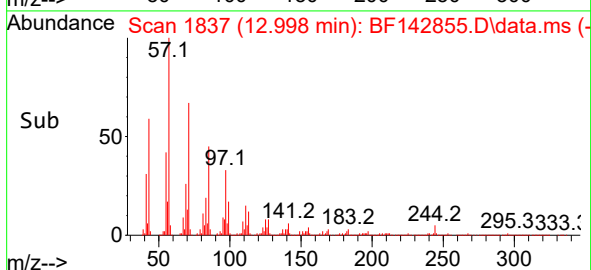
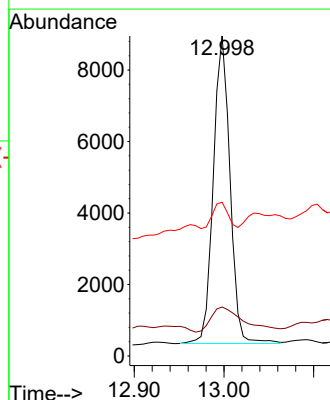
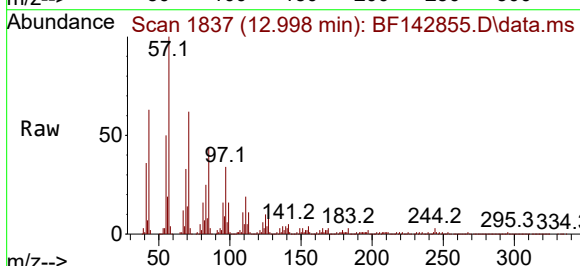
Tgt Ion:244 Resp: 11097

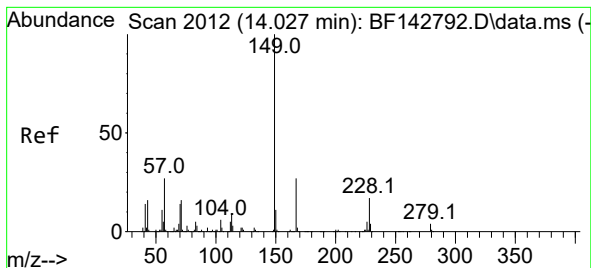
Ion Ratio Lower Upper

244 100

212 15.3 5.4 8.0#

122 48.1 8.2 12.2#

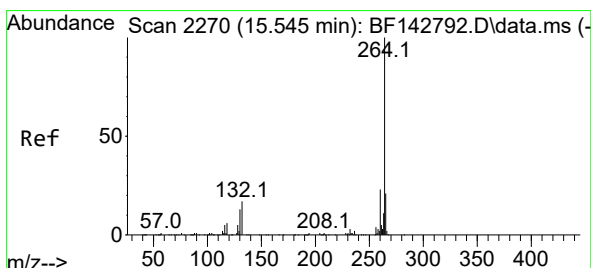
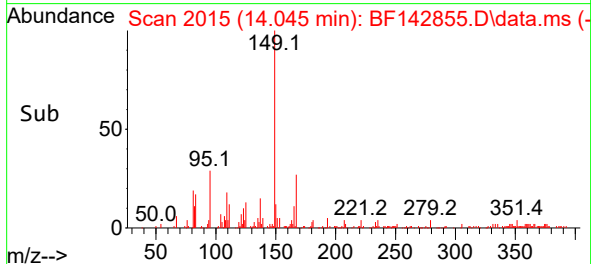
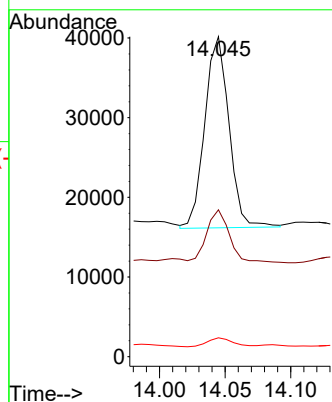
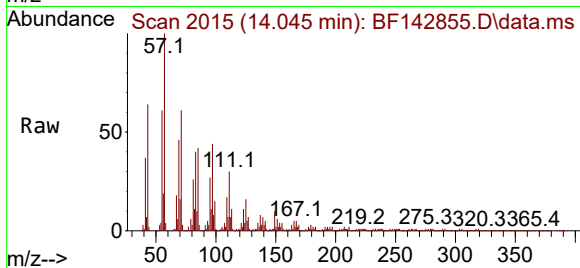




#84
Bis(2-ethylhexyl)phthalate
Concen: 6.663 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.018 min
Lab File: BF142855.D
Acq: 26 Jun 2025 00:12

Instrument :
BNA_F
ClientSampleId :
LAW-25-0093

Tgt Ion:149 Resp: 30847
Ion Ratio Lower Upper
149 100
167 45.9 21.4 32.0#
279 5.9 3.0 4.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.024 min
Lab File: BF142855.D
Acq: 26 Jun 2025 00:12

Tgt Ion:264 Resp: 88726
Ion Ratio Lower Upper
264 100
260 22.6 18.1 27.1
265 21.9 16.6 25.0

