

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
 Data File : BF142962.D
 Acq On : 01 Jul 2025 21:35
 Operator : RC/JU
 Sample : Q2447-06 20X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAW-25-0100

Quant Time: Jul 02 01:04:50 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)

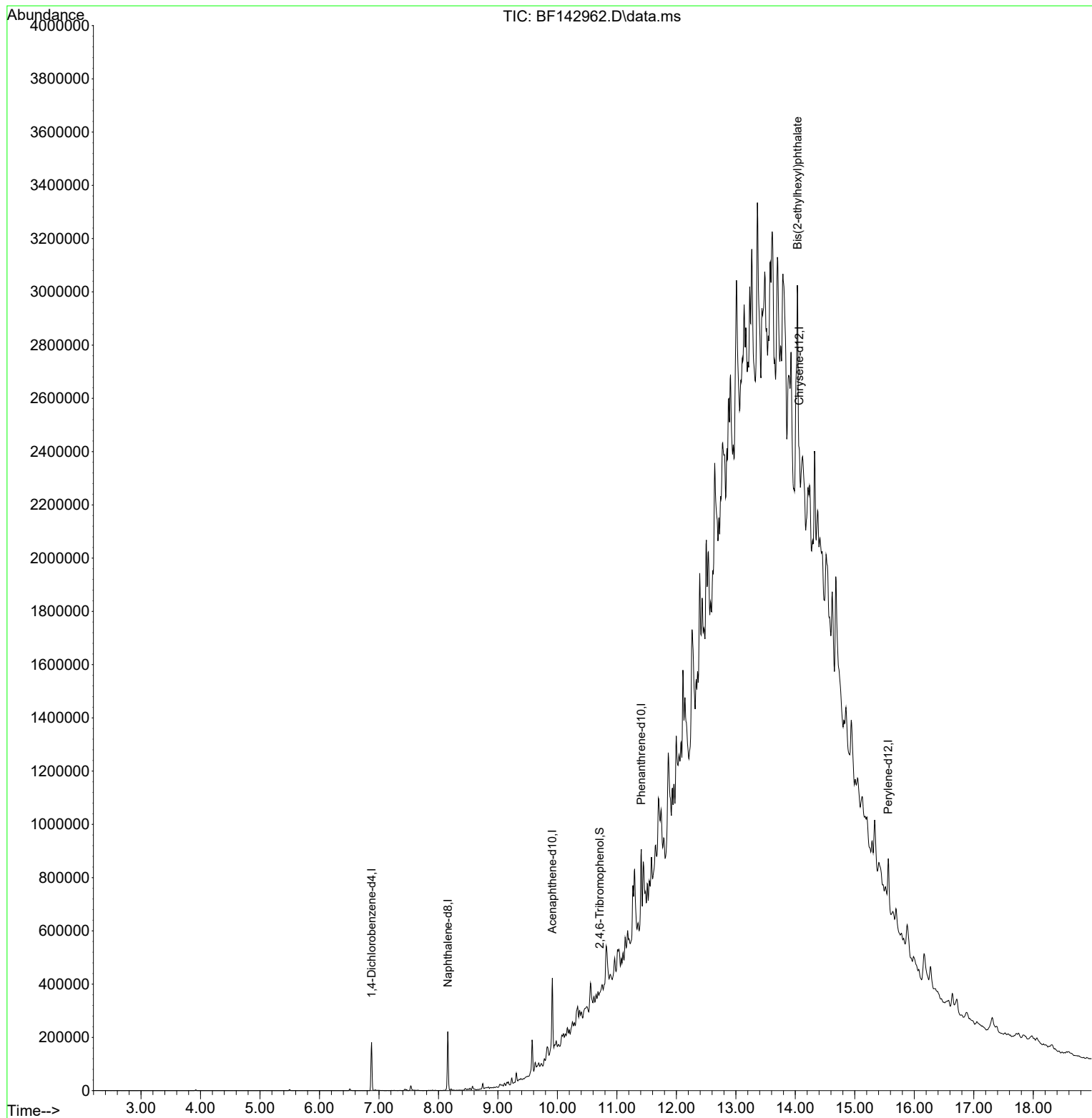
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	40280	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	142049	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	78116	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	148792	20.000	ng	0.00
76) Chrysene-d12	14.069	240	98228	20.000	ng	# 0.01
86) Perylene-d12	15.563	264	83317	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	2512	1.038	ng	0.00
7) Phenol-d6	6.510	99	4434	1.553	ng	0.00
23) Nitrobenzene-d5	7.440	82	2802	1.082	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	2199	2.736	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	10791	1.815	ng	-0.01
79) Terphenyl-d14	12.998	244	13649	1.920	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.039	149	277380	72.184	ng	# 97

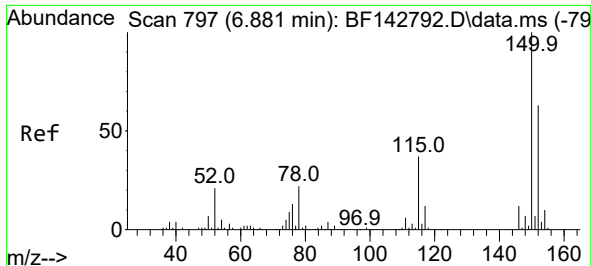
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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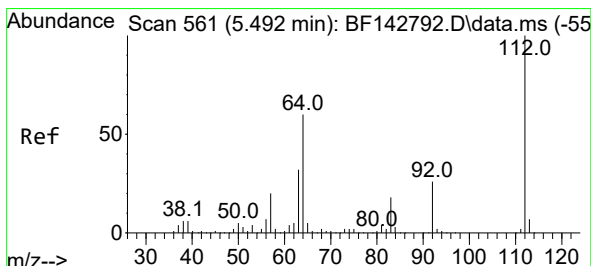
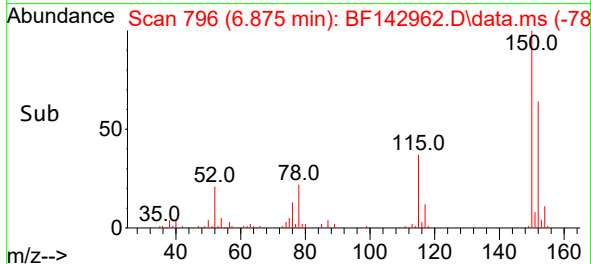
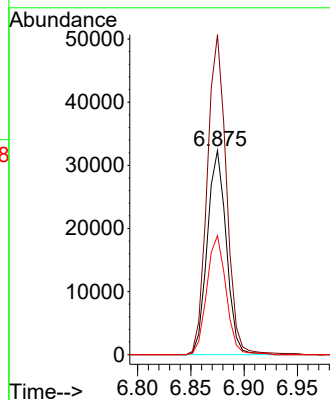
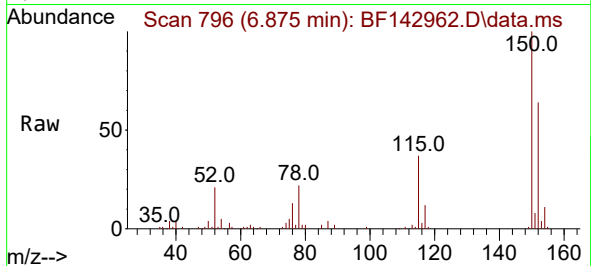




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142962.D
Acq: 01 Jul 2025 21:35

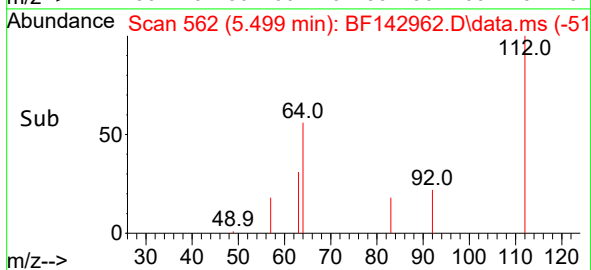
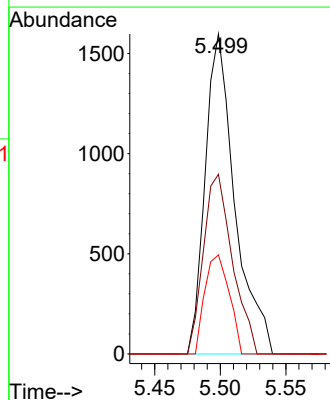
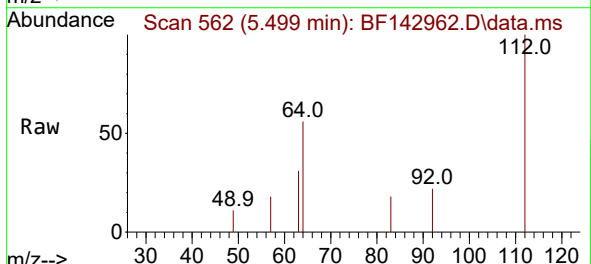
Instrument :
BNA_F
ClientSampleId :
LAW-25-0100

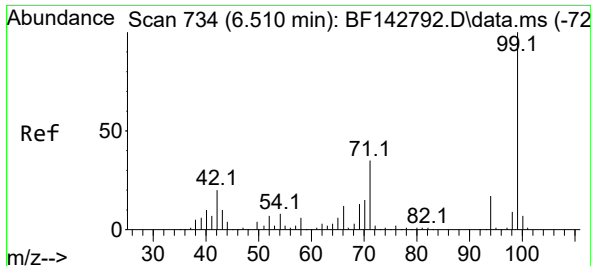
Tgt Ion:152 Resp: 40280
Ion Ratio Lower Upper
152 100
150 156.7 127.2 190.8
115 58.3 46.6 69.8



#5
2-Fluorophenol
Concen: 1.038 ng
RT: 5.499 min Scan# 562
Delta R.T. 0.007 min
Lab File: BF142962.D
Acq: 01 Jul 2025 21:35

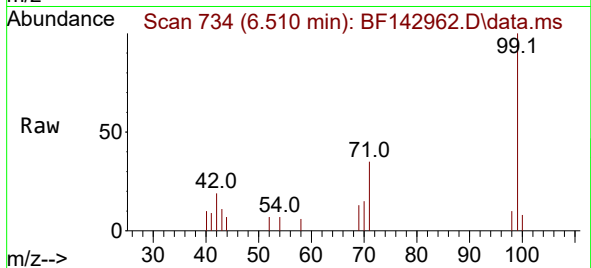
Tgt Ion:112 Resp: 2512
Ion Ratio Lower Upper
112 100
64 56.2 48.2 72.2
63 30.9 25.7 38.5



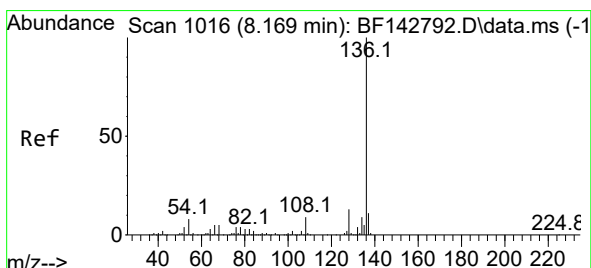
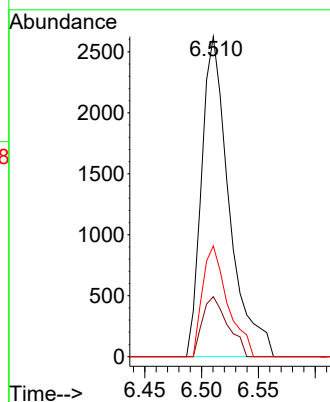
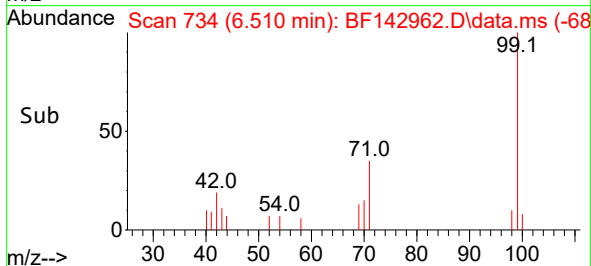


#7
Phenol-d6
Concen: 1.553 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142962.D
Acq: 01 Jul 2025 21:35

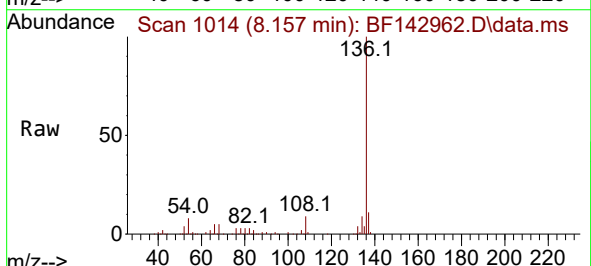
Instrument :
BNA_F
ClientSampleId :
LAW-25-0100



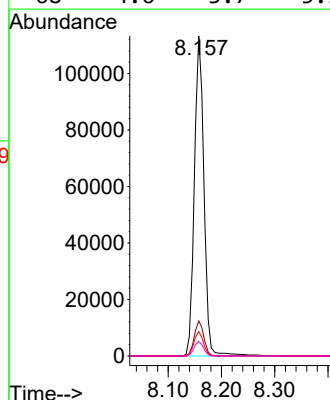
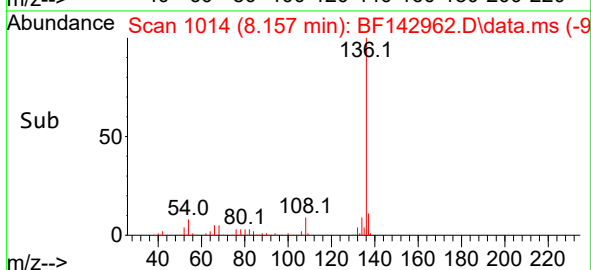
Tgt Ion:	99	Resp:	4434
Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.9	23.9
71	34.6	27.8	41.8

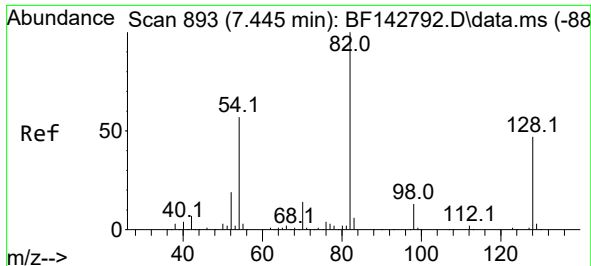


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142962.D
Acq: 01 Jul 2025 21:35



Tgt Ion:	136	Resp:	142049
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	7.6	6.3	9.5
68	4.6	3.7	5.5





#23

Nitrobenzene-d5

Concen: 1.082 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.005 min

Lab File: BF142962.D

Acq: 01 Jul 2025 21:35

Instrument :

BNA_F

ClientSampleId :

LAW-25-0100

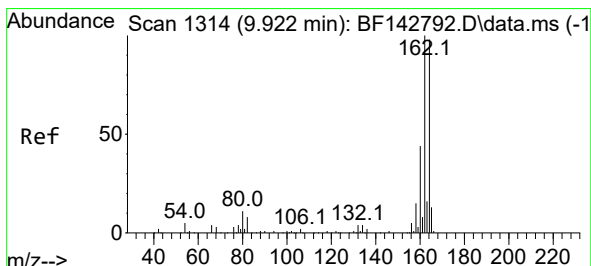
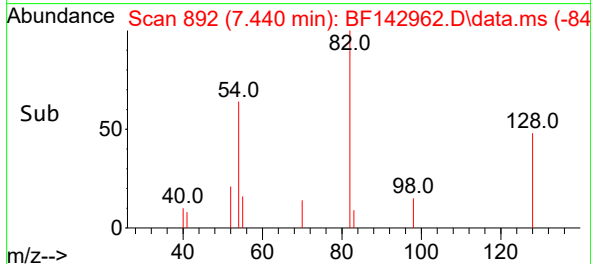
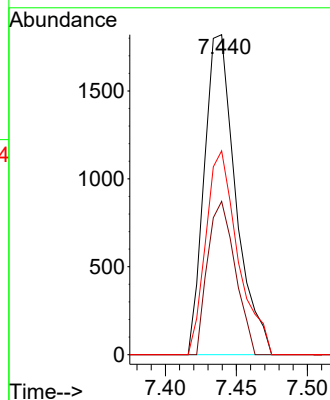
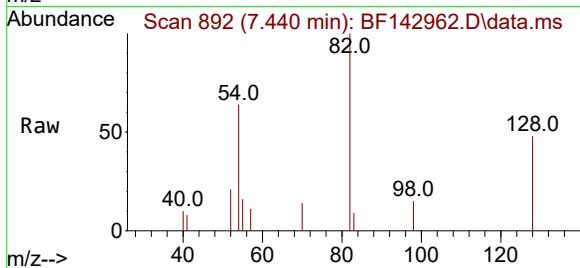
Tgt Ion: 82 Resp: 2802

Ion Ratio Lower Upper

82 100

128 47.9 37.7 56.5

54 63.7 45.7 68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF142962.D

Acq: 01 Jul 2025 21:35

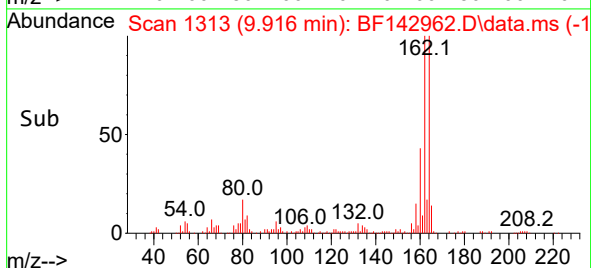
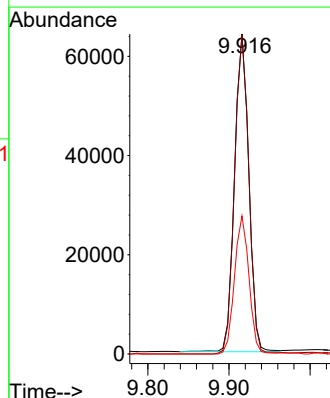
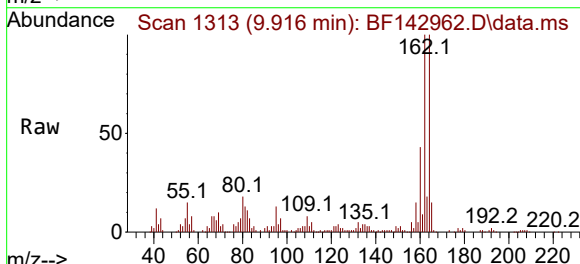
Tgt Ion: 164 Resp: 78116

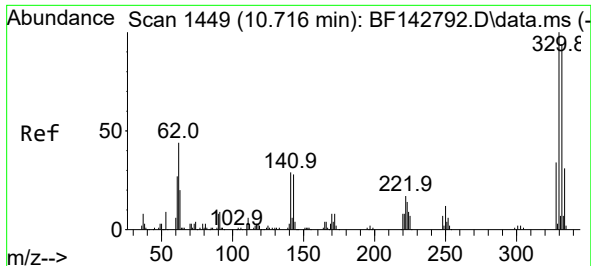
Ion Ratio Lower Upper

164 100

162 99.9 81.8 122.8

160 43.2 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 2.736 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF142962.D

Acq: 01 Jul 2025 21:35

Instrument :

BNA_F

ClientSampleId :

LAW-25-0100

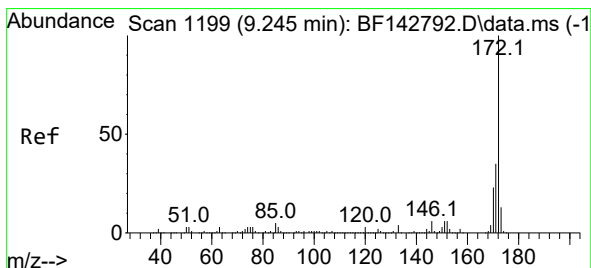
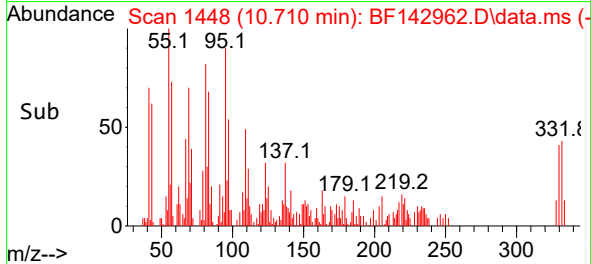
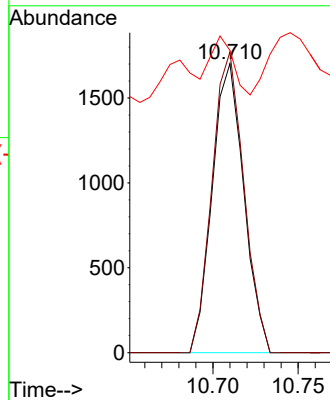
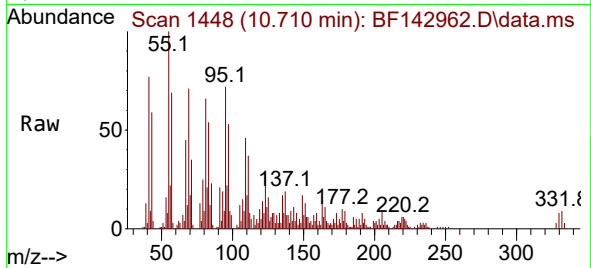
Tgt Ion:330 Resp: 2199

Ion Ratio Lower Upper

330 100

332 104.6 75.0 112.6

141 20.6 25.3 37.9#



#45

2-Fluorobiphenyl

Concen: 1.815 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.011 min

Lab File: BF142962.D

Acq: 01 Jul 2025 21:35

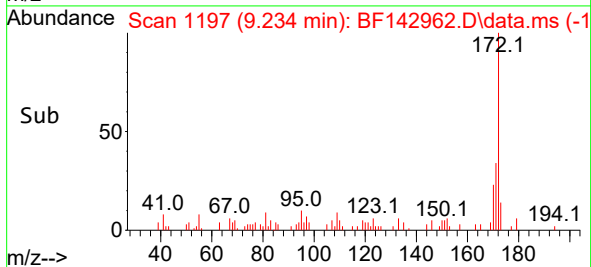
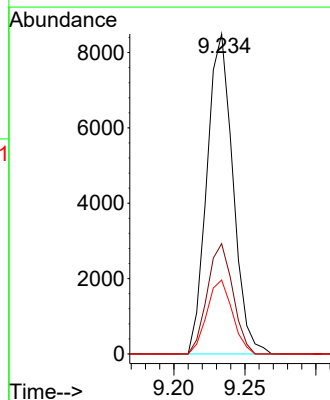
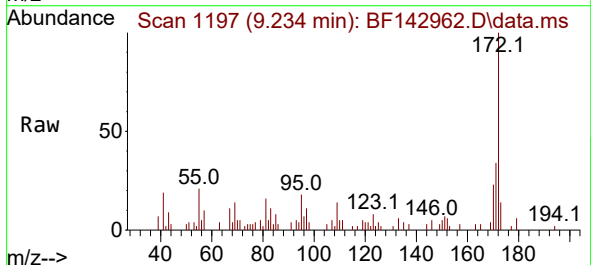
Tgt Ion:172 Resp: 10791

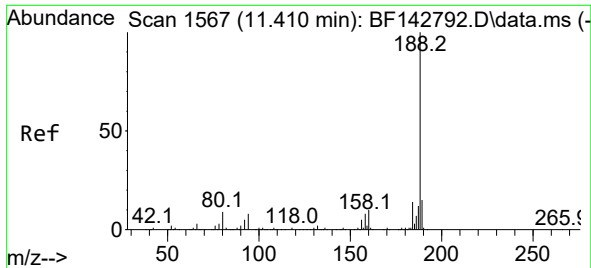
Ion Ratio Lower Upper

172 100

171 34.5 28.2 42.4

170 23.1 18.5 27.7

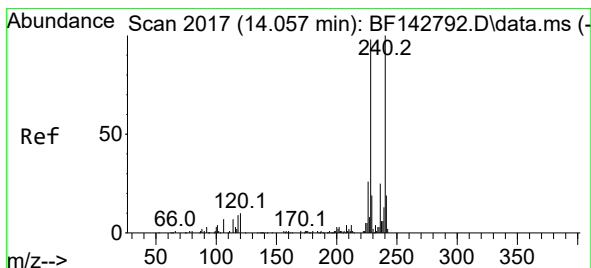
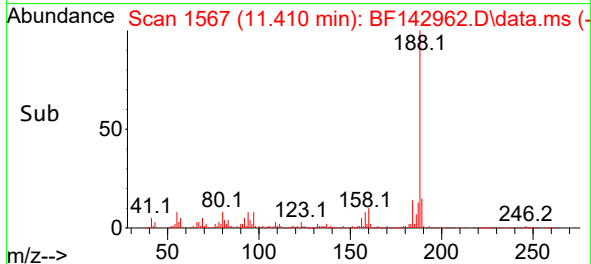
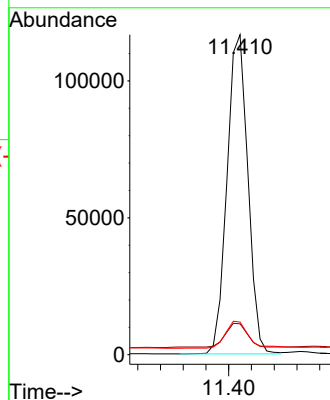
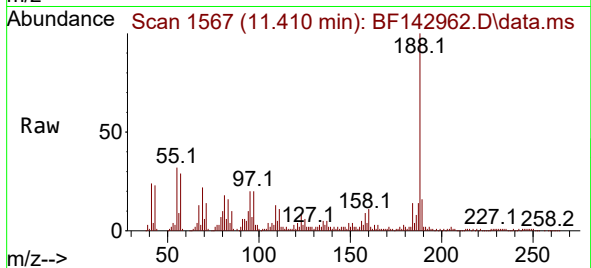




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142962.D
Acq: 01 Jul 2025 21:35

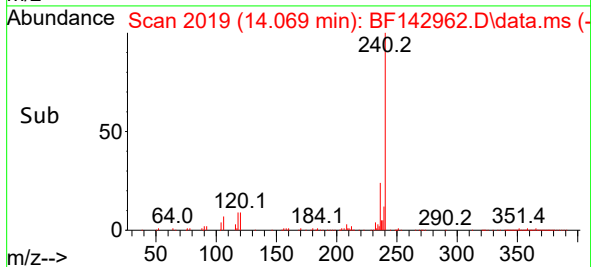
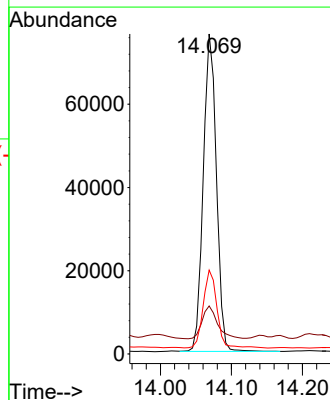
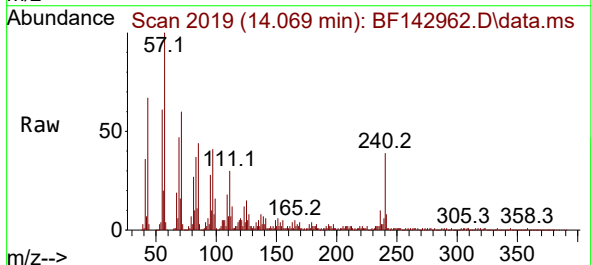
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LAW-25-0100

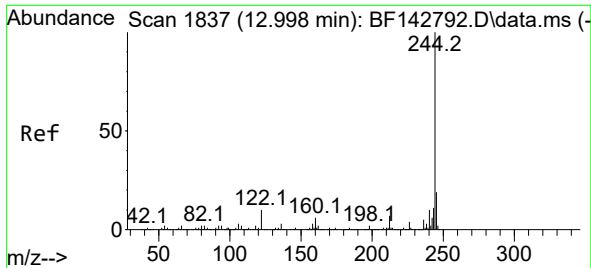
Tgt Ion:188 Resp: 148792
Ion Ratio Lower Upper
188 100
94 9.7 6.7 10.1
80 10.2 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.012 min
Lab File: BF142962.D
Acq: 01 Jul 2025 21:35

Tgt Ion:240 Resp: 98228
Ion Ratio Lower Upper
240 100
120 15.0 8.2 12.2#
236 26.2 19.8 29.8

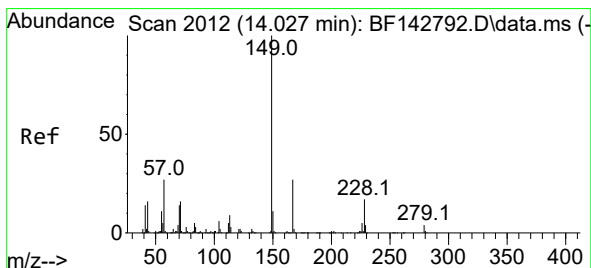
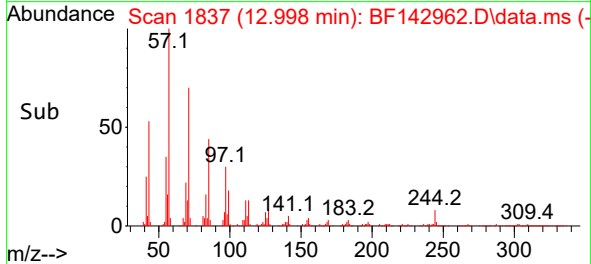
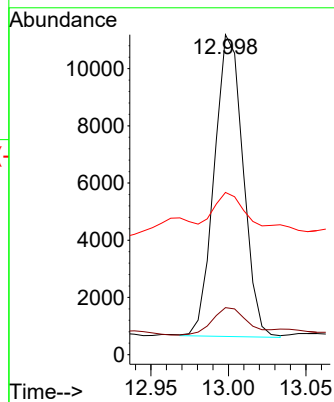
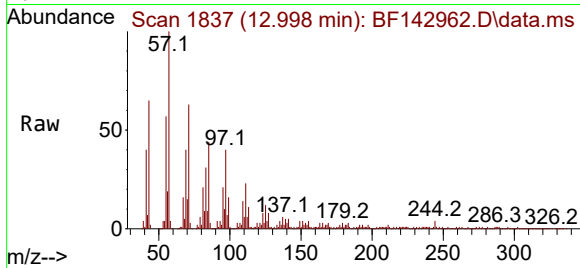




#79
 Terphenyl-d14
 Concen: 1.920 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF142962.D
 Acq: 01 Jul 2025 21:35

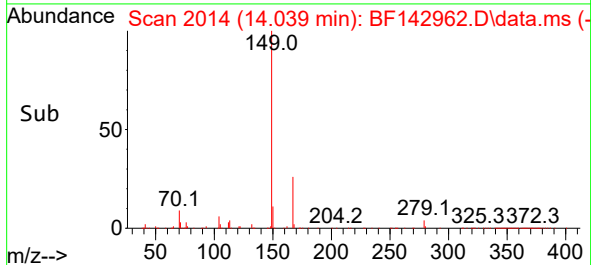
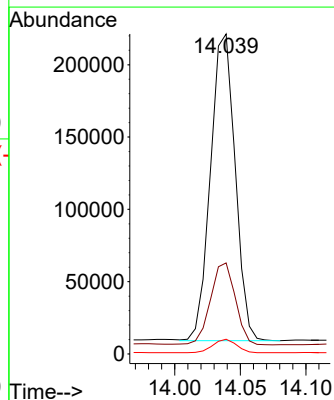
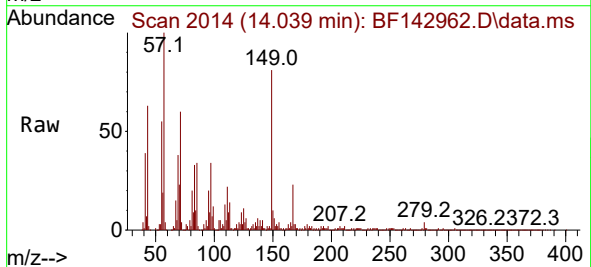
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 LAW-25-0100

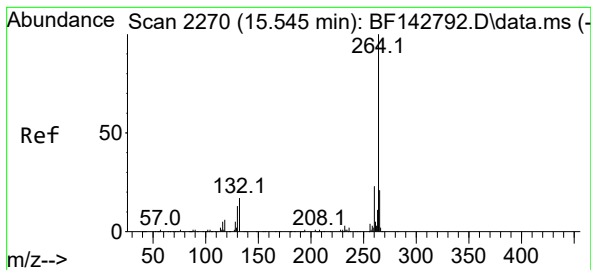
Tgt Ion:244 Resp: 13649
 Ion Ratio Lower Upper
 244 100
 212 14.7 5.4 8.0#
 122 50.7 8.2 12.2#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 72.184 ng
 RT: 14.039 min Scan# 2014
 Delta R.T. 0.012 min
 Lab File: BF142962.D
 Acq: 01 Jul 2025 21:35

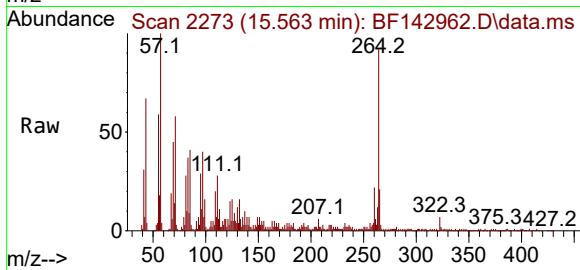
Tgt Ion:149 Resp: 277380
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.4 32.0
 279 4.6 3.0 4.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF142962.D
 Acq: 01 Jul 2025 21:35

Instrument :
 BNA_F
 ClientSampleId :
 LAW-25-0100



Tgt Ion:	264	Resp:	83317
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.1	27.1
265	22.4	16.6	25.0

