

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
 Data File : BF142462.D
 Acq On : 19 May 2025 20:23
 Operator : RC/JU
 Sample : Q1984-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 05:50:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

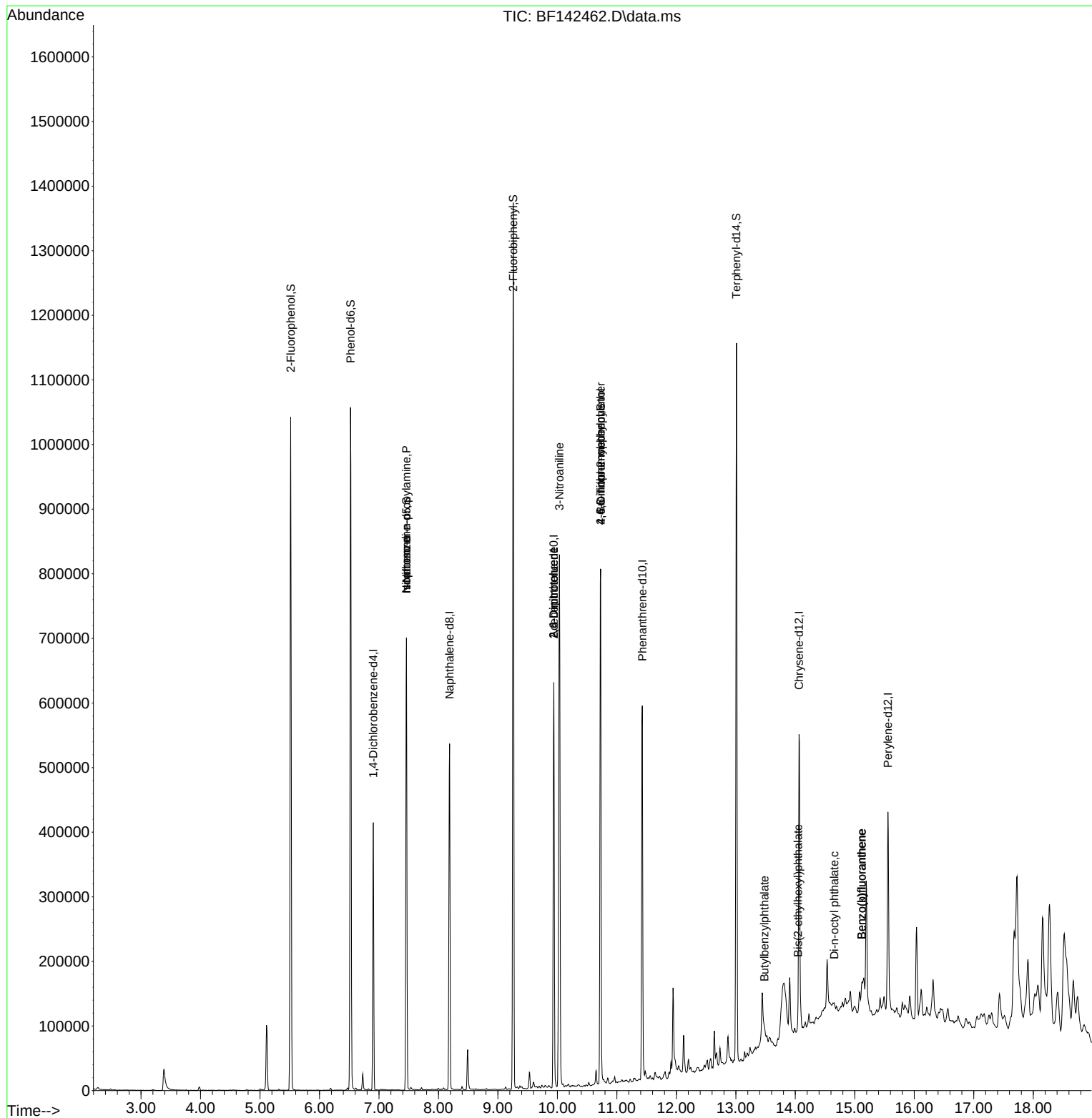
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	87510	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	337044	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	184904	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	304748	20.000	ng	0.00
76) Chrysene-d12	14.063	240	224988	20.000	ng	0.00
86) Perylene-d12	15.557	264	187206	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	391778	76.425	ng	0.00
7) Phenol-d6	6.522	99	476368	75.554	ng	0.00
23) Nitrobenzene-d5	7.463	82	284385	51.459	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	142281	79.700	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	595701	45.937	ng	0.00
79) Terphenyl-d14	13.010	244	528332	34.757	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	37922	9.724	ng	# 75
25) Isophorone	7.463	82	280336	26.788	ng	# 62
51) 2,6-Dinitrotoluene	9.939	165	24305	10.936	ng	# 23
53) 3-Nitroaniline	10.033	138	9012	3.457	ng	# 2
57) 2,4-Dinitrotoluene	9.939	165	24305	8.526	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.727	198	358	7.399	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	8818	2.553	ng	# 1
80) Butylbenzylphthalate	13.480	149	1105	3.834	ng	# 70
84) Bis(2-ethylhexyl)phtha...	14.045	149	2054	4.483	ng	# 89
85) Di-n-octyl phthalate	14.657	149	1687	7.943	ng	# 1
88) Benzo(b)fluoranthene	15.115	252	29743	2.623	ng	# 90
89) Benzo(k)fluoranthene	15.115	252	29743	2.867	ng	# 89

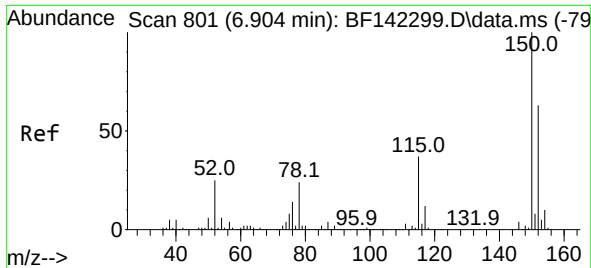
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
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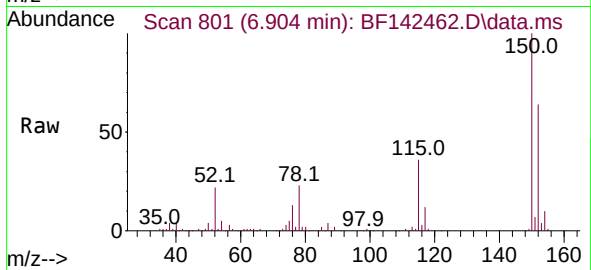
Quant Time: May 20 05:50:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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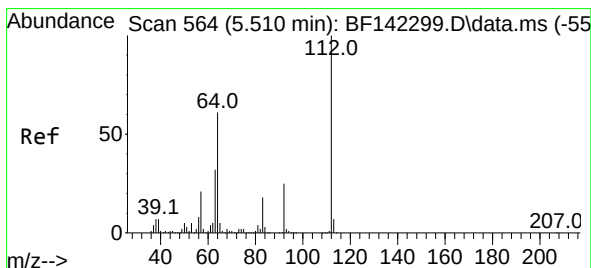
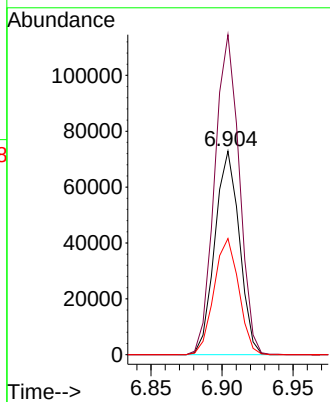
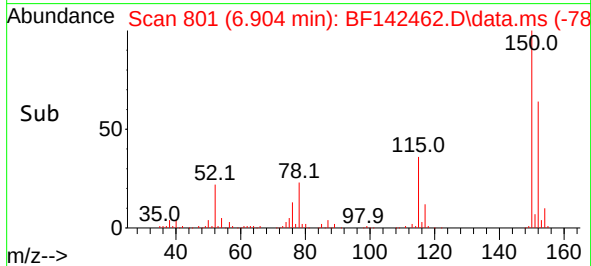


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142462.D
 Acq: 19 May 2025 20:23

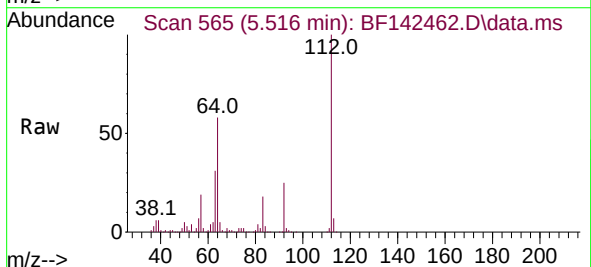
Instrument :
 BNA_F
 ClientSampleId :



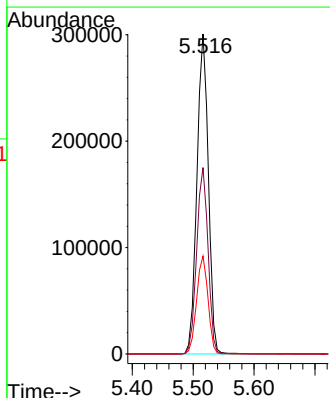
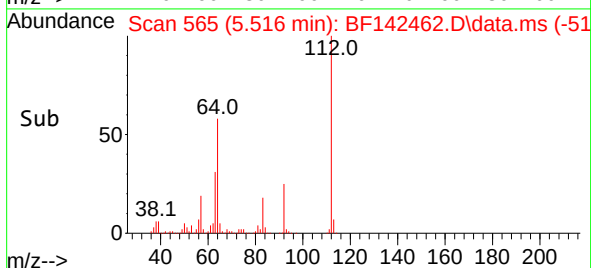
Tgt Ion:152 Resp: 87510
 Ion Ratio Lower Upper
 152 100
 150 157.2 126.6 190.0
 115 57.1 47.3 70.9

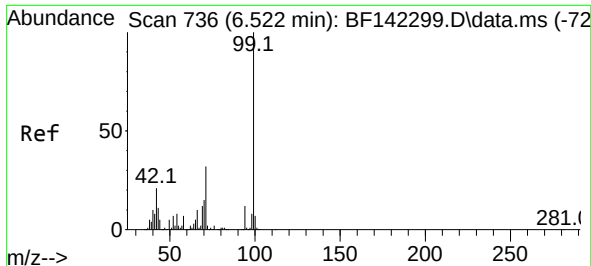


#5
 2-Fluorophenol
 Concen: 76.425 ng
 RT: 5.516 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF142462.D
 Acq: 19 May 2025 20:23



Tgt Ion:112 Resp: 391778
 Ion Ratio Lower Upper
 112 100
 64 58.3 48.9 73.3
 63 30.6 25.6 38.4

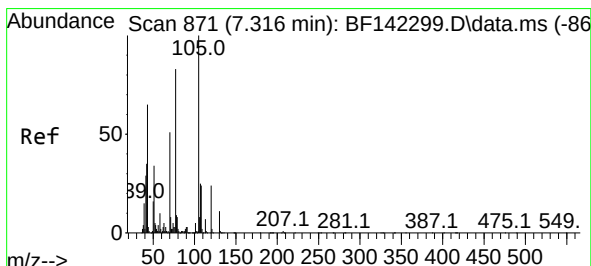
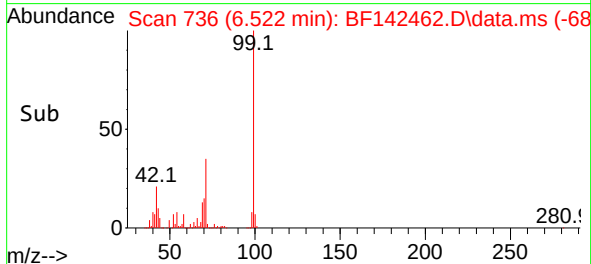
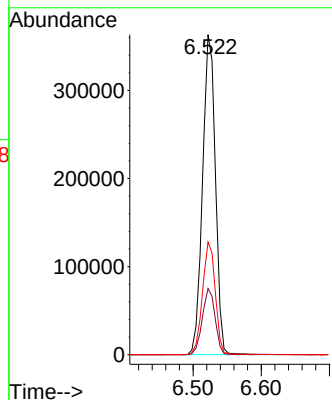
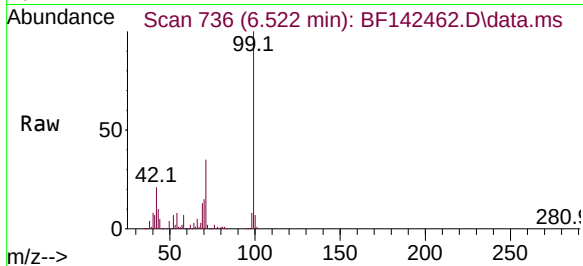




#7
Phenol-d6
Concen: 75.554 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142462.D
Acq: 19 May 2025 20:23

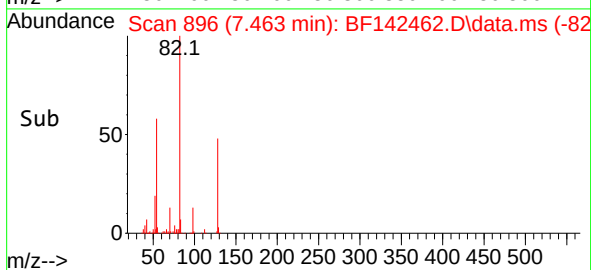
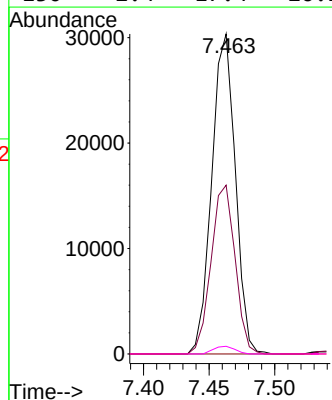
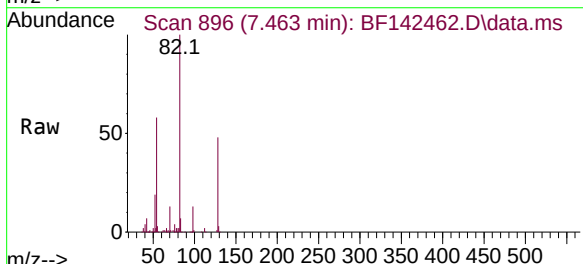
Instrument :
BNA_F
ClientSampleId :

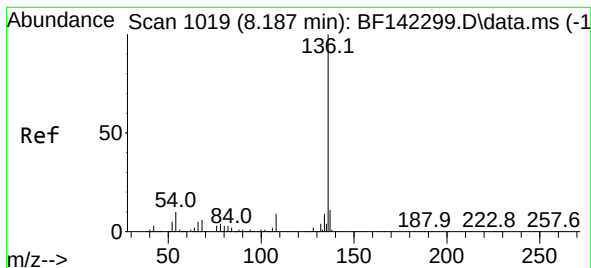
Tgt Ion: 99 Resp: 476368
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.4
71 35.2 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 9.724 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.147 min
Lab File: BF142462.D
Acq: 19 May 2025 20:23

Tgt Ion: 70 Resp: 37922
Ion Ratio Lower Upper
70 100
42 52.8 54.8 82.2#
101 0.0 7.7 11.5#
130 2.4 17.4 26.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.186 min Scan# 1

Delta R.T. -0.000 min

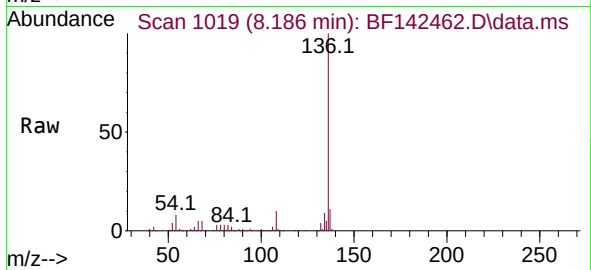
Lab File: BF142462.D

Acq: 19 May 2025 20:23

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 337044

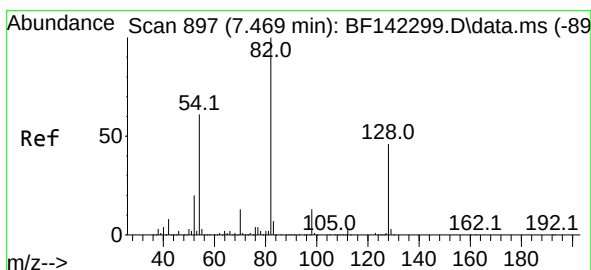
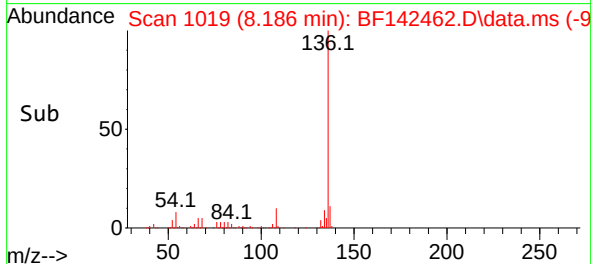
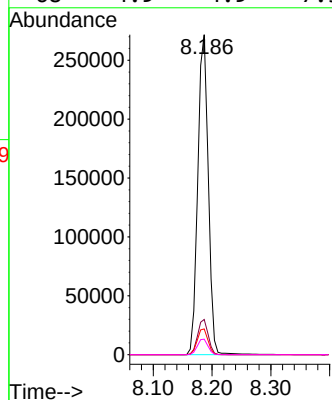
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.1 7.7 11.5

68 4.9 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 51.459 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF142462.D

Acq: 19 May 2025 20:23

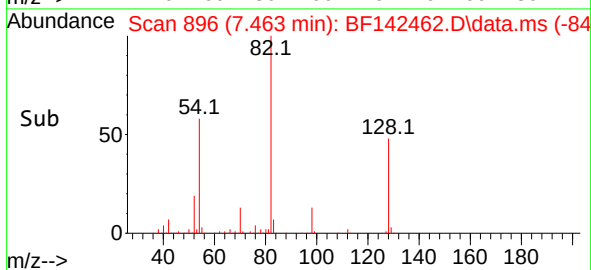
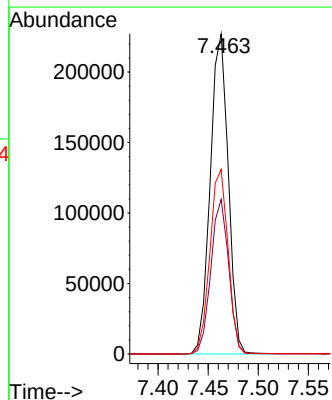
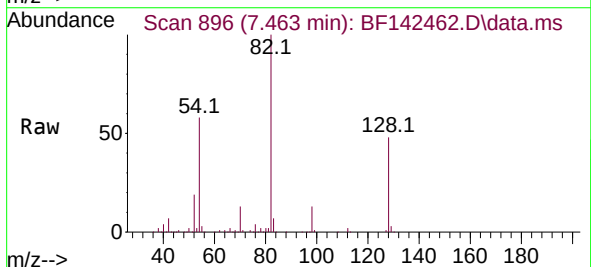
Tgt Ion: 82 Resp: 284385

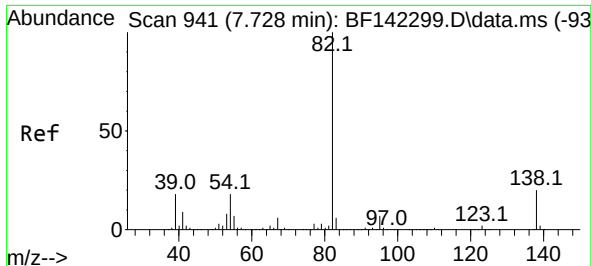
Ion Ratio Lower Upper

82 100

128 48.3 37.0 55.6

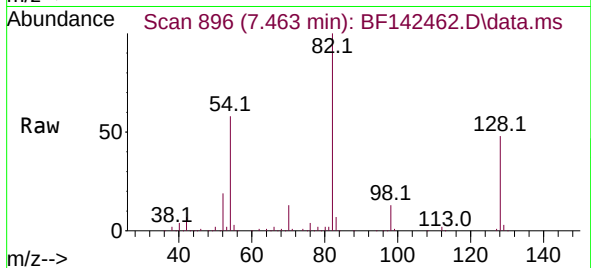
54 57.7 48.6 73.0



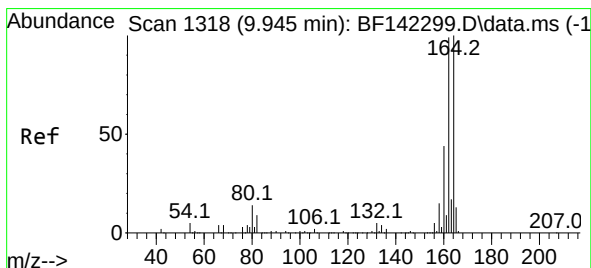
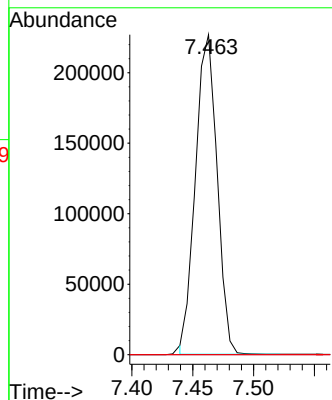
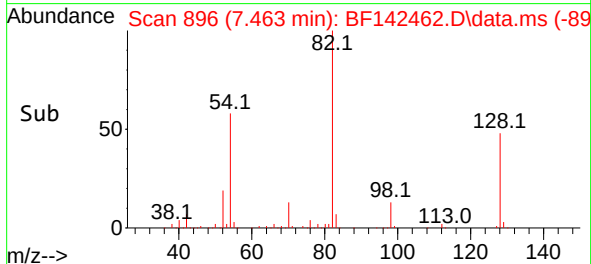


#25
Isophorone
Concen: 26.788 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142462.D
Acq: 19 May 2025 20:23

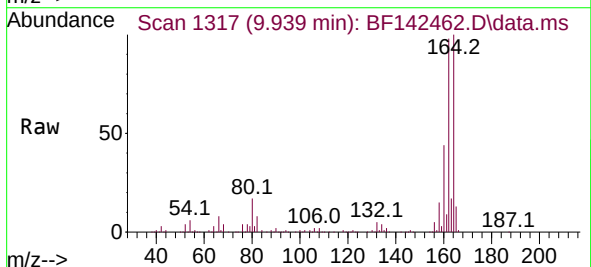
Instrument :
BNA_F
ClientSampleId :



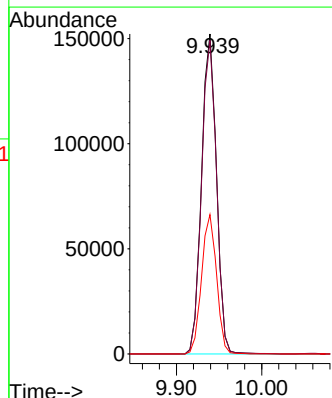
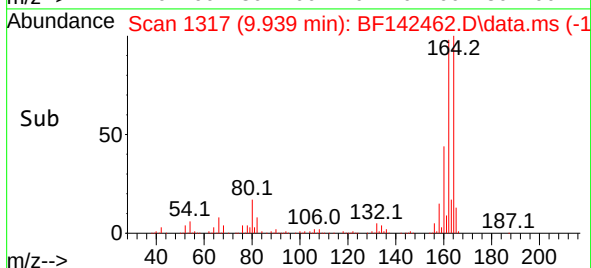
Tgt Ion: 82 Resp: 280336
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#

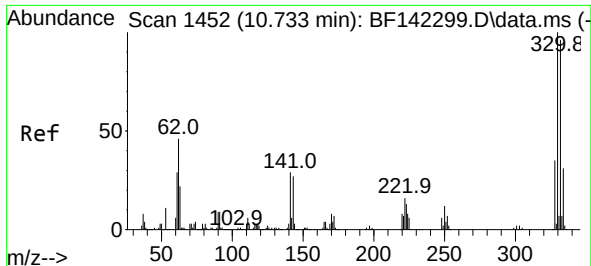


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142462.D
Acq: 19 May 2025 20:23



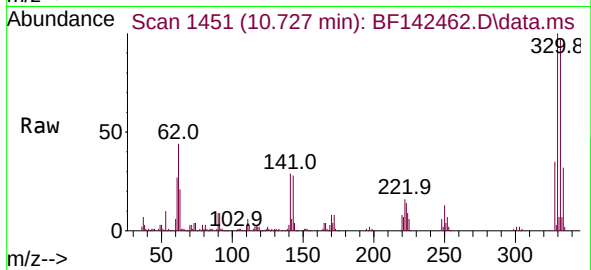
Tgt Ion:164 Resp: 184904
Ion Ratio Lower Upper
164 100
162 98.0 79.2 118.8
160 43.6 35.3 52.9



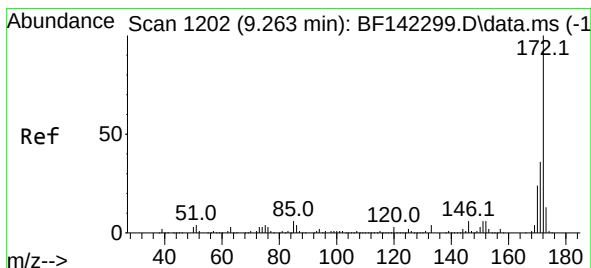
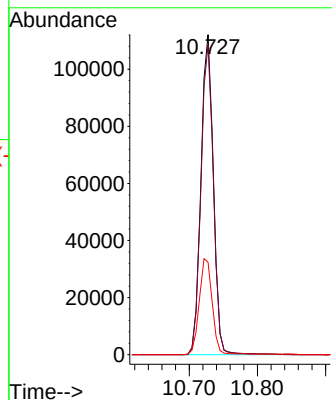
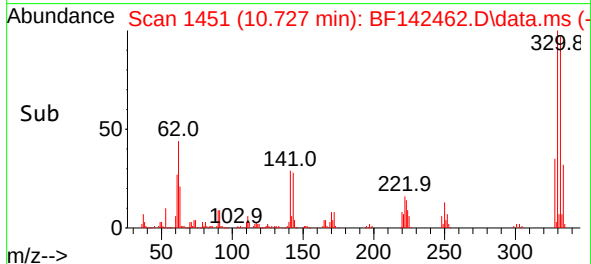


#42
2,4,6-Tribromophenol
Concen: 79.700 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142462.D
Acq: 19 May 2025 20:23

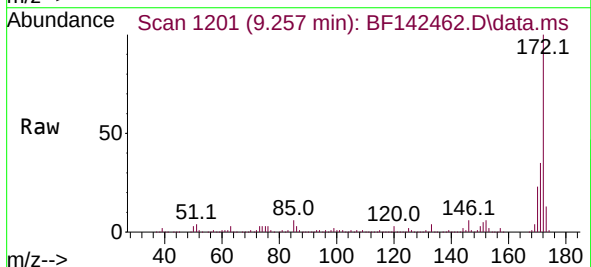
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BNA_F
ClientSampleId :



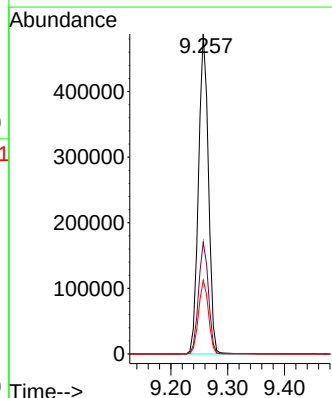
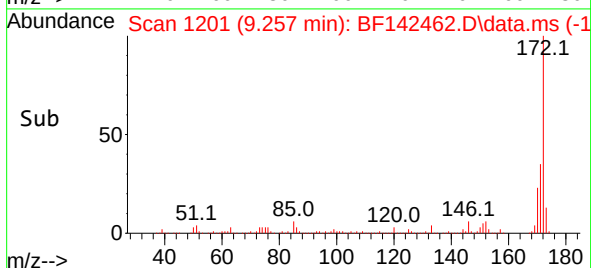
Tgt Ion:330 Resp: 142281
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 31.5 24.9 37.3

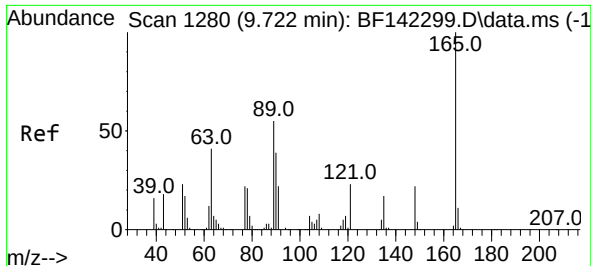


#45
2-Fluorobiphenyl
Concen: 45.937 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142462.D
Acq: 19 May 2025 20:23



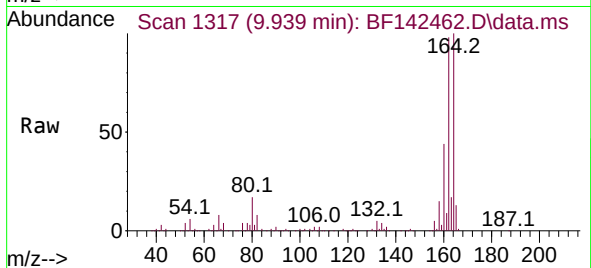
Tgt Ion:172 Resp: 595701
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.0 19.0 28.4



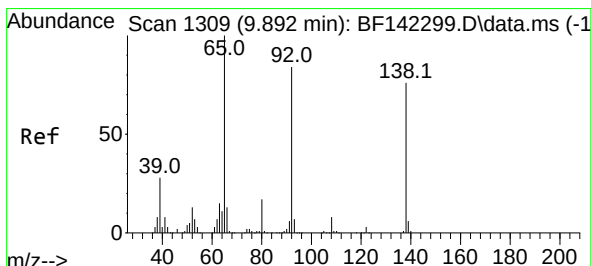
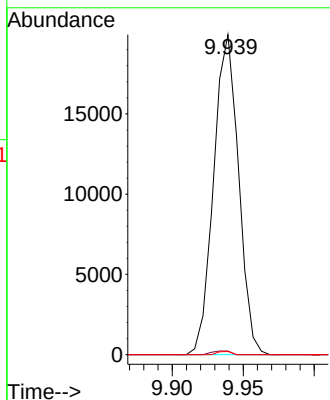
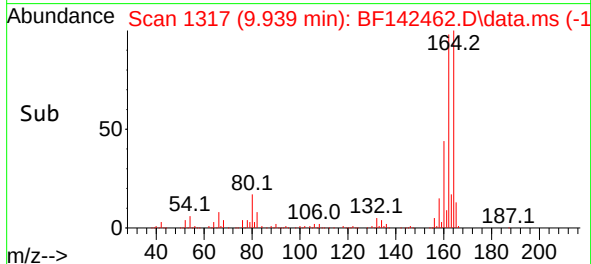


#51
2,6-Dinitrotoluene
Concen: 10.936 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF142462.D
Acq: 19 May 2025 20:23

Instrument :
BNA_F
ClientSampleId :

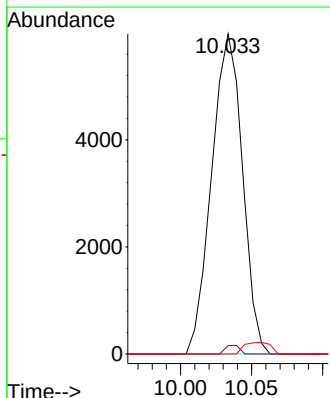
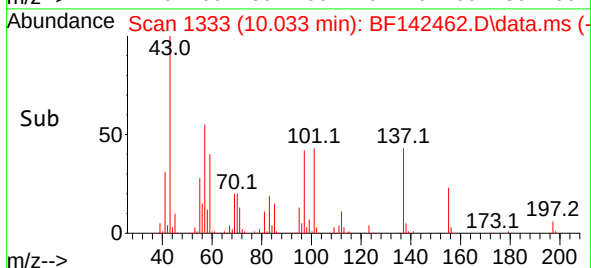
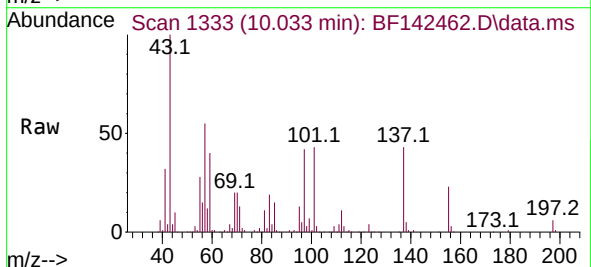


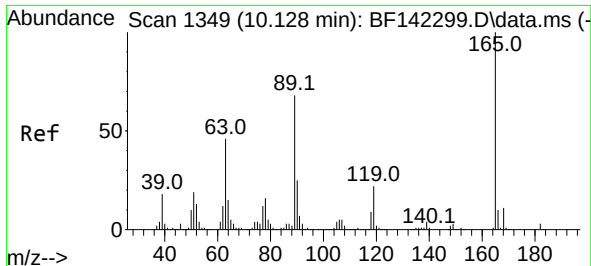
Tgt Ion:165 Resp: 24305
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.0 44.6 66.8#



#53
3-Nitroaniline
Concen: 3.457 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.141 min
Lab File: BF142462.D
Acq: 19 May 2025 20:23

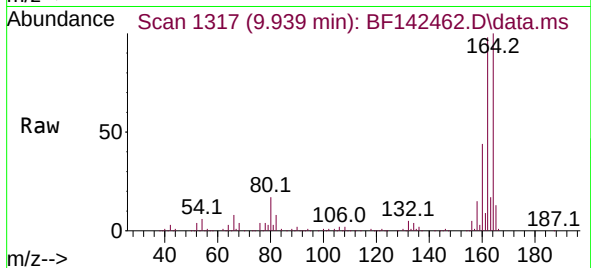
Tgt Ion:138 Resp: 9012
Ion Ratio Lower Upper
138 100
108 2.6 8.7 13.1#
92 0.0 89.5 134.3#



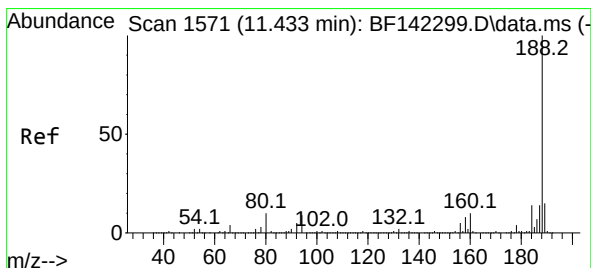
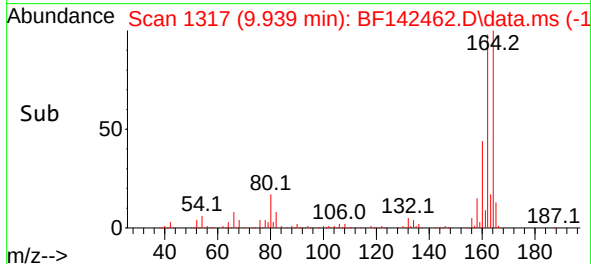
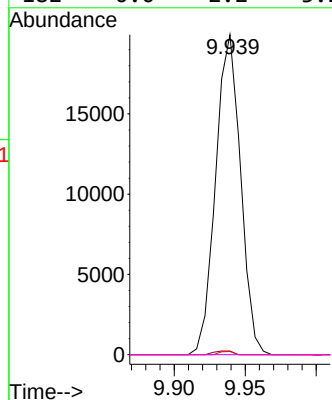


#57
2,4-Dinitrotoluene
Concen: 8.526 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF142462.D
Acq: 19 May 2025 20:23

Instrument :
BNA_F
ClientSampleId :

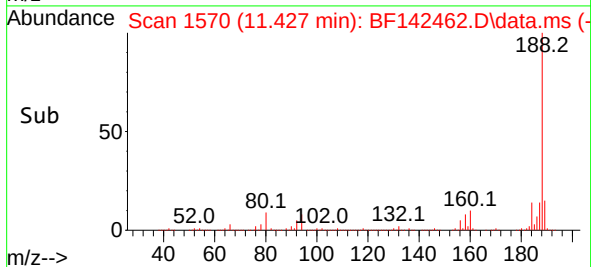
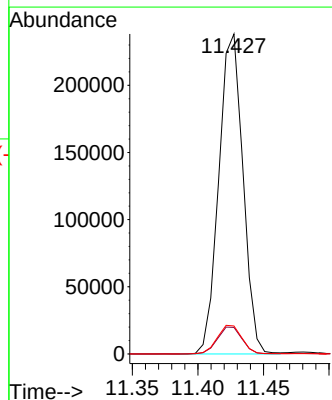
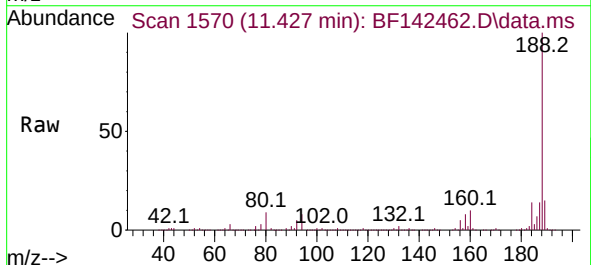


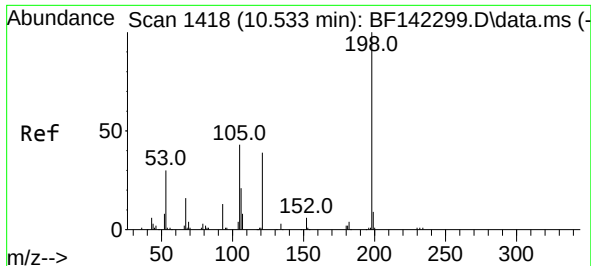
Tgt Ion:165 Resp: 24305
Ion Ratio Lower Upper
165 100
63 1.1 37.1 55.7#
89 1.0 54.4 81.6#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142462.D
Acq: 19 May 2025 20:23

Tgt Ion:188 Resp: 304748
Ion Ratio Lower Upper
188 100
94 8.3 7.5 11.3
80 8.8 7.9 11.9

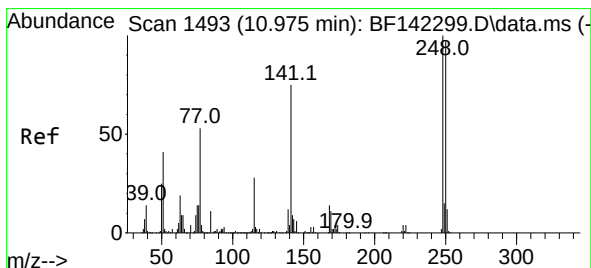
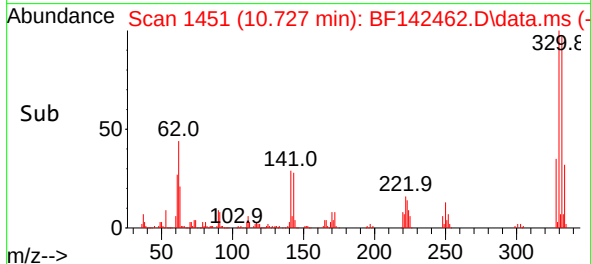
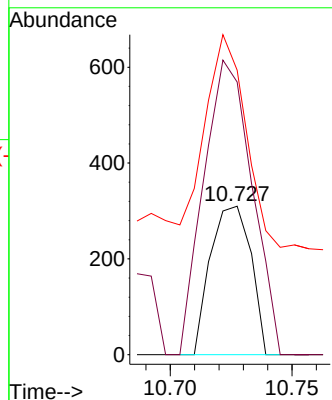
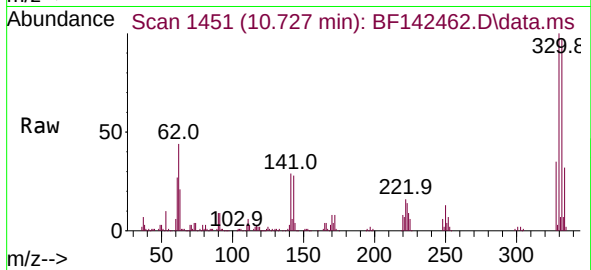




#65
4,6-Dinitro-2-methylphenol
Concen: 7.399 ng
RT: 10.727 min Scan# 1418
Delta R.T. 0.194 min
Lab File: BF142462.D
Acq: 19 May 2025 20:23

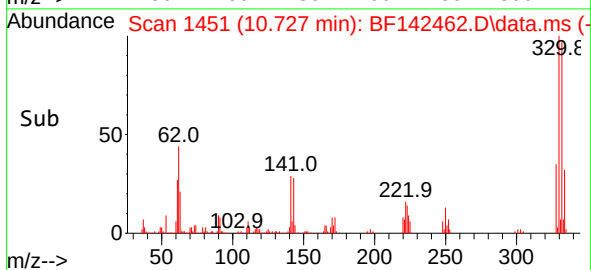
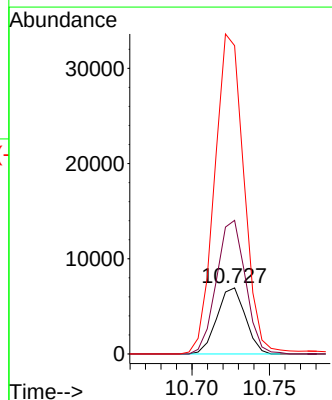
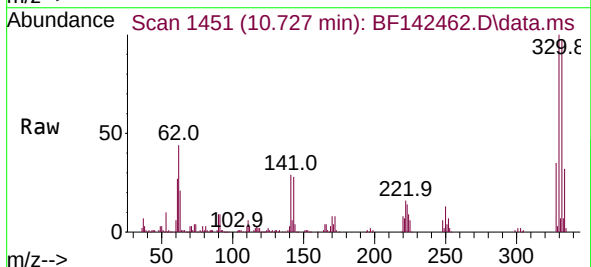
Instrument :
BNA_F
ClientSampleId :

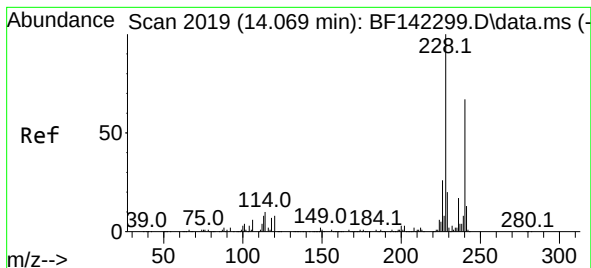
Tgt Ion:198 Resp: 358
Ion Ratio Lower Upper
198 100
51 183.5 32.9 72.9#
105 191.6 23.7 63.7#



#67
4-Bromophenyl-phenylether
Concen: 2.553 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF142462.D
Acq: 19 May 2025 20:23

Tgt Ion:248 Resp: 8818
Ion Ratio Lower Upper
248 100
250 202.0 77.9 116.9#
141 466.2 59.8 89.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142462.D

Acq: 19 May 2025 20:23

Instrument :

BNA_F

ClientSampleId :

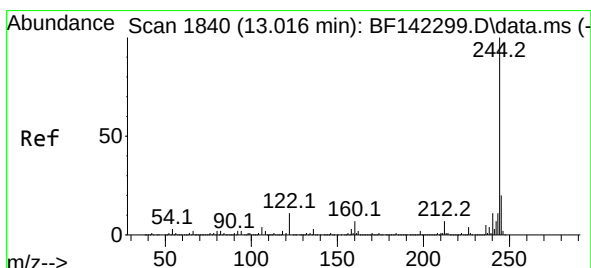
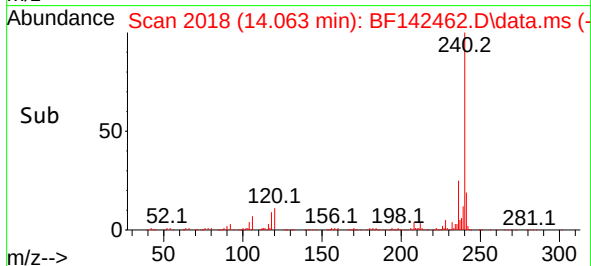
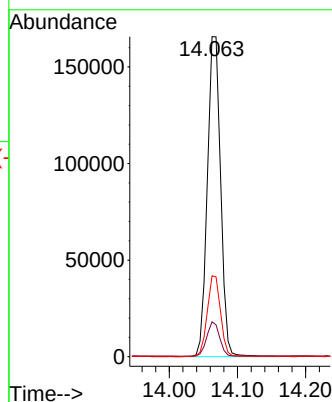
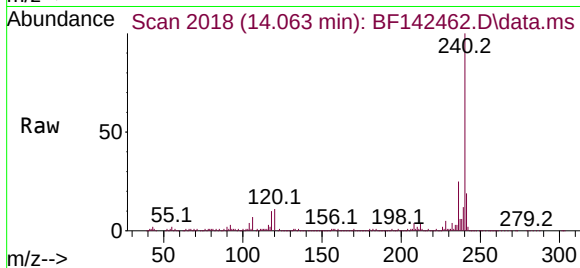
Tgt Ion:240 Resp: 224988

Ion Ratio Lower Upper

240 100

120 10.9 9.7 14.5

236 25.2 20.0 30.0



#79

Terphenyl-d14

Concen: 34.757 ng

RT: 13.010 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF142462.D

Acq: 19 May 2025 20:23

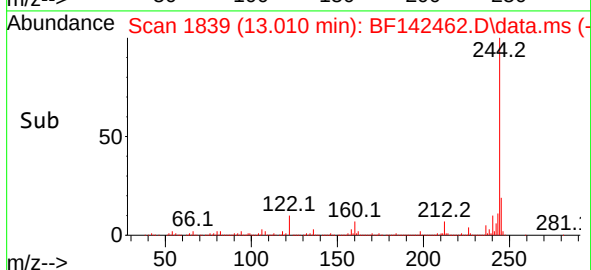
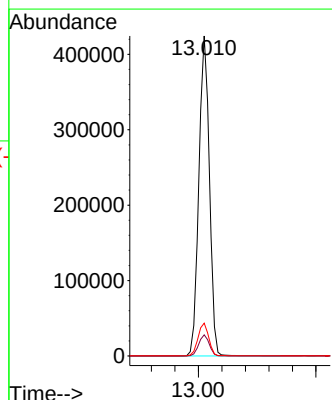
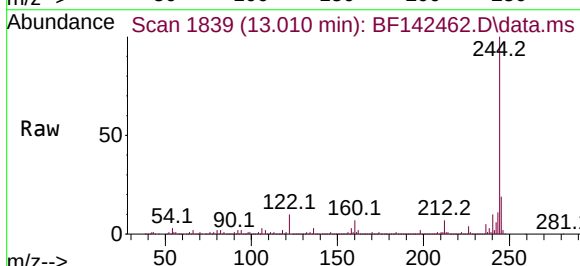
Tgt Ion:244 Resp: 528332

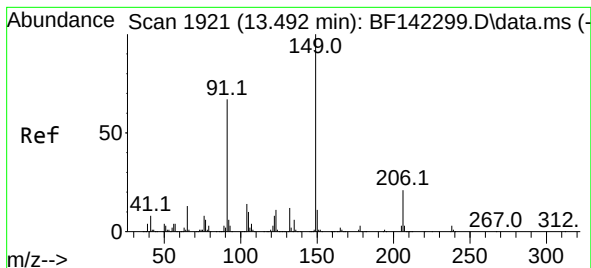
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 10.2 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.834 ng

RT: 13.480 min Scan# 1919

Delta R.T. -0.012 min

Lab File: BF142462.D

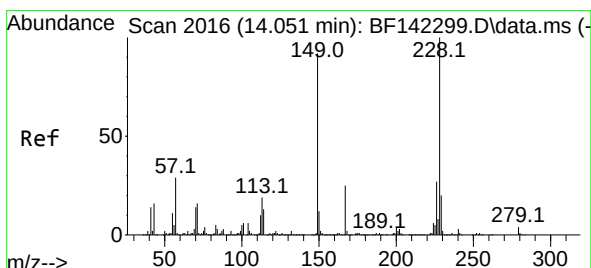
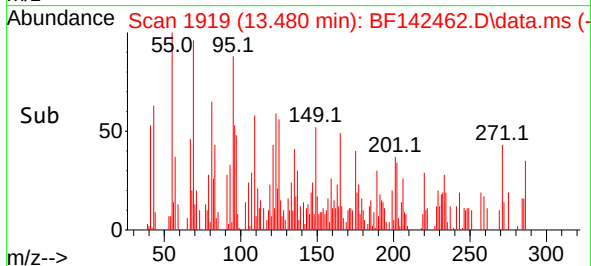
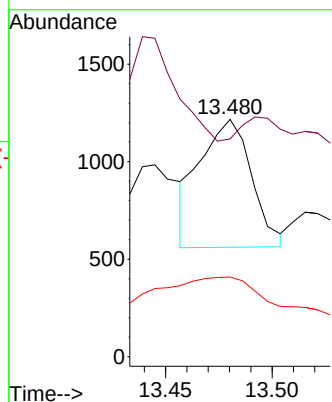
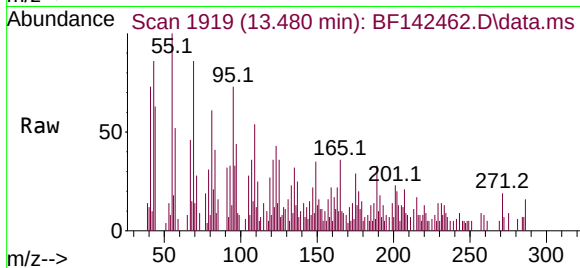
Acq: 19 May 2025 20:23

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:149	Resp:	1105
Ion Ratio	Lower	Upper
149	100	
91	91.8	53.8 80.6#
206	33.6	16.6 24.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.483 ng

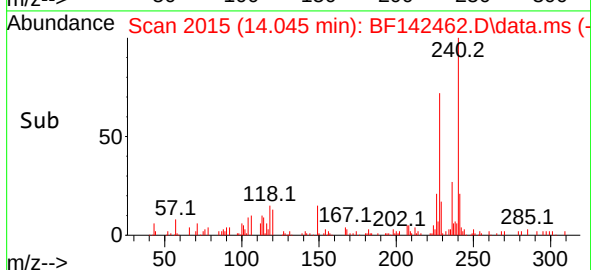
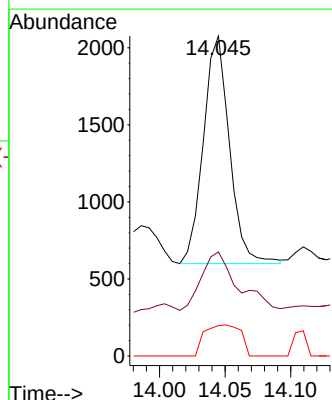
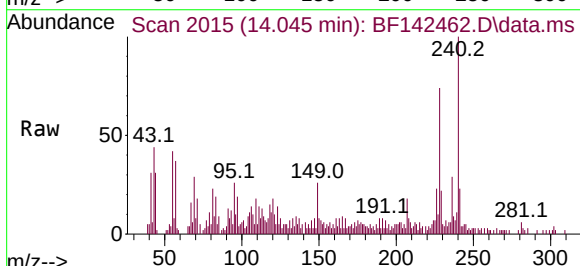
RT: 14.045 min Scan# 2015

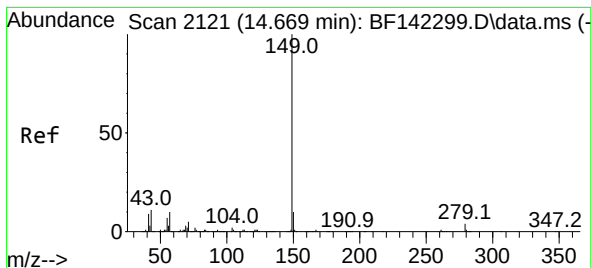
Delta R.T. -0.006 min

Lab File: BF142462.D

Acq: 19 May 2025 20:23

Tgt Ion:149	Resp:	2054
Ion Ratio	Lower	Upper
149	100	
167	32.5	22.0 33.0
279	9.5	3.0 4.6#





#85

Di-n-octyl phthalate

Concen: 7.943 ng

RT: 14.657 min Scan# 2119

Delta R.T. -0.012 min

Lab File: BF142462.D

Acq: 19 May 2025 20:23

Instrument :

BNA_F

ClientSampleId :

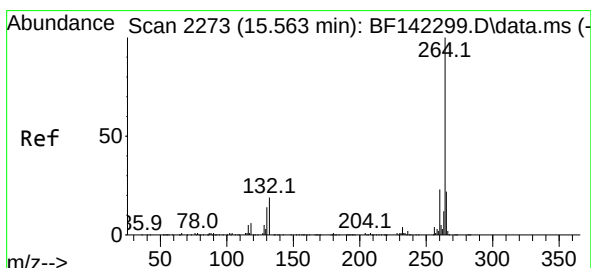
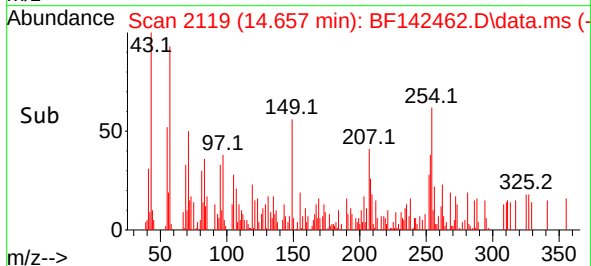
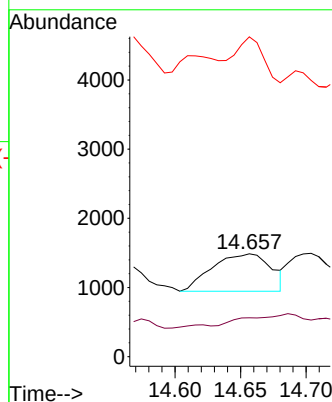
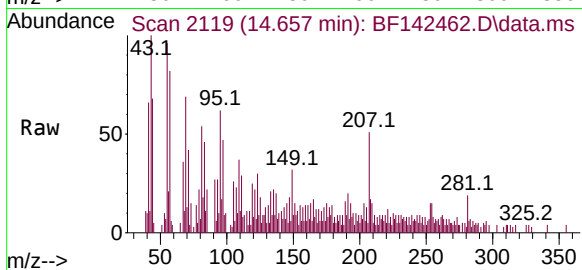
Tgt Ion:149 Resp: 1687

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

43 61.4 9.2 13.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142462.D

Acq: 19 May 2025 20:23

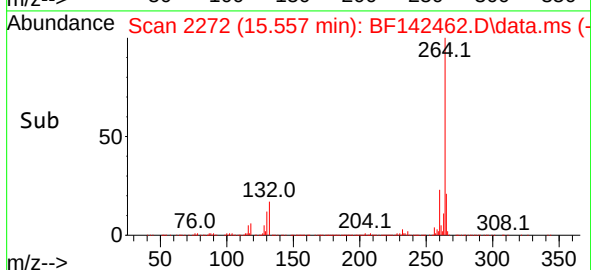
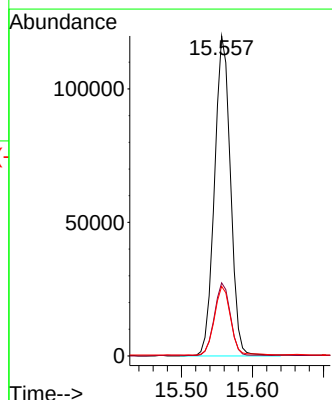
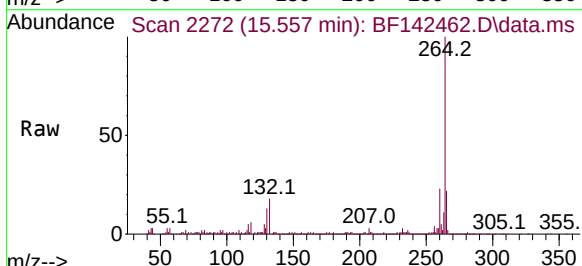
Tgt Ion:264 Resp: 187206

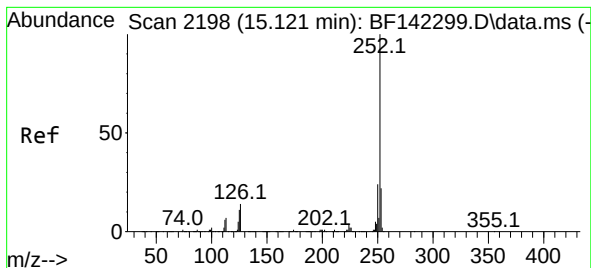
Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 21.8 17.5 26.3





#88

Benzo(b)fluoranthene

Concen: 2.623 ng

RT: 15.115 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF142462.D

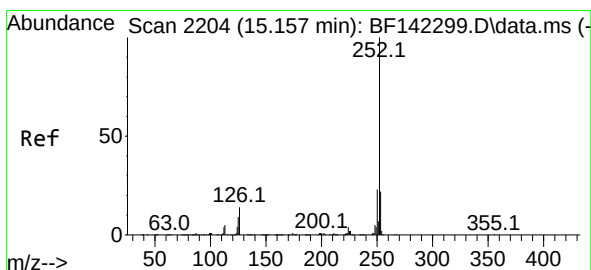
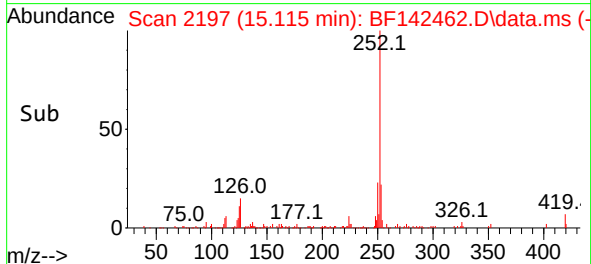
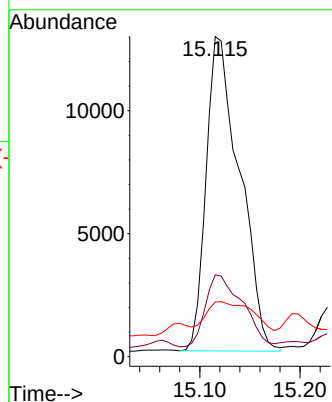
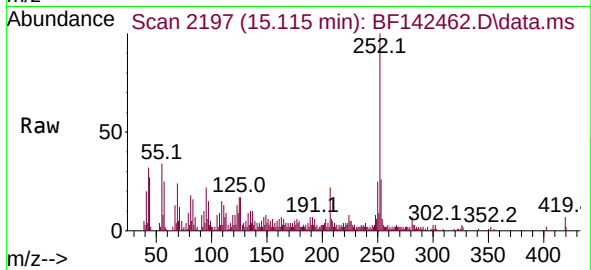
Acq: 19 May 2025 20:23

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	252	Resp:	29743
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.7	26.5
125	17.1	8.7	13.1#



#89

Benzo(k)fluoranthene

Concen: 2.867 ng

RT: 15.115 min Scan# 2197

Delta R.T. -0.041 min

Lab File: BF142462.D

Acq: 19 May 2025 20:23

Tgt Ion:	252	Resp:	29743
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.6	26.4
125	17.1	8.1	12.1#

