

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
 Data File : BF142448.D
 Acq On : 19 May 2025 13:37
 Operator : RC/JU
 Sample : Q2032-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 14:03:58 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)

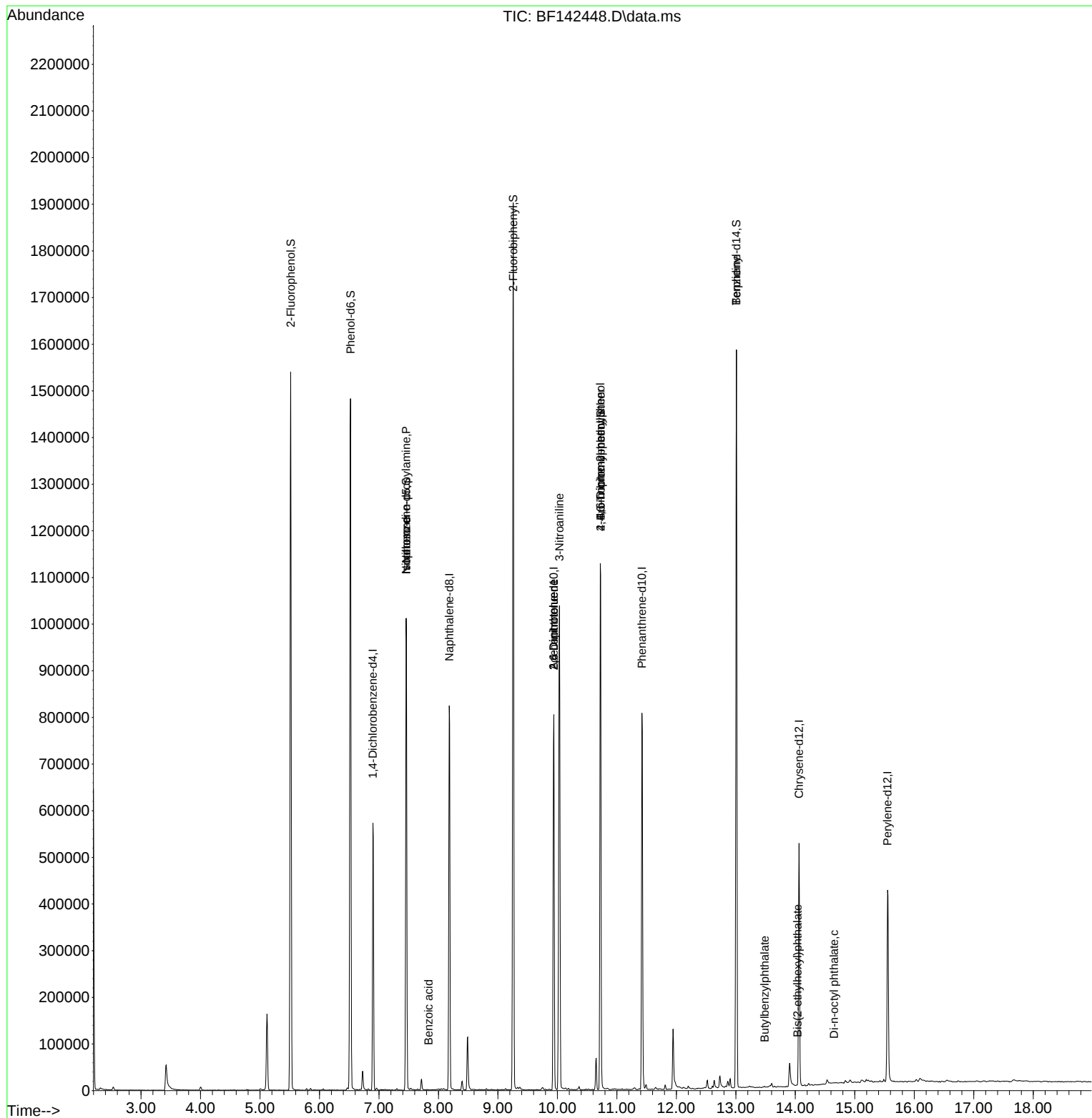
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	126923	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	534005	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	245112	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	429168	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	249248	20.000	ng	0.00
86) Perylene-d12	15.551	264	249563	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	583863	78.528	ng	0.00
7) Phenol-d6	6.522	99	712746	77.942	ng	0.00
23) Nitrobenzene-d5	7.457	82	435826	49.774	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	208806	88.234	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	843292	49.056	ng	0.00
79) Terphenyl-d14	13.010	244	762036	45.252	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	57578	10.179	ng	# 76
25) Isophorone	7.457	82	431988	26.054	ng	# 62
32) Benzoic acid	7.834	122	61	6.029	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	31275	10.616	ng	# 23
53) 3-Nitroaniline	10.034	138	11617	3.362	ng	# 2
57) 2,4-Dinitrotoluene	9.939	165	31275	8.276	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.722	198	387	7.350	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	12596	2.590	ng	# 1
77) Benzidine	13.010	184	9195	2.030	ng	# 96
80) Butylbenzylphthalate	13.486	149	127	3.677	ng	# 41
84) Bis(2-ethylhexyl)phtha...	14.039	149	661	4.308	ng	# 52
85) Di-n-octyl phthalate	14.651	149	529	7.869	ng	# 73

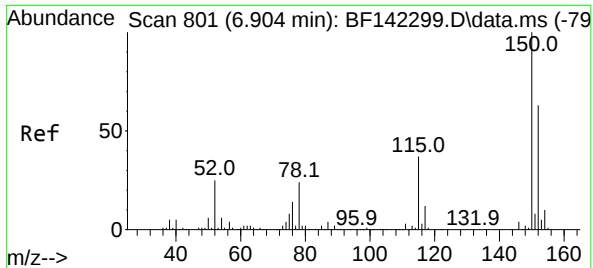
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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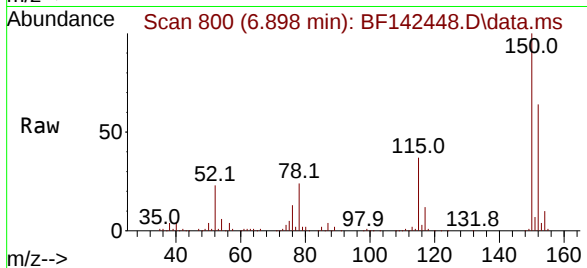
Quant Time: May 19 14:03:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
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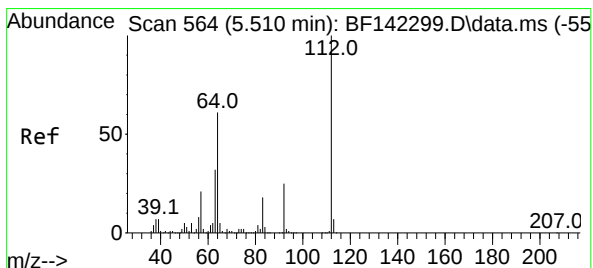
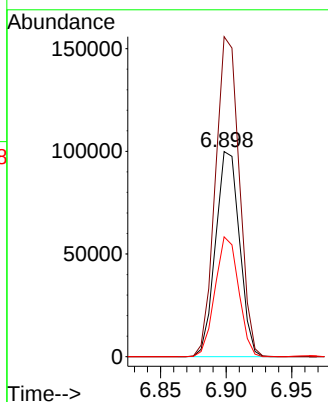
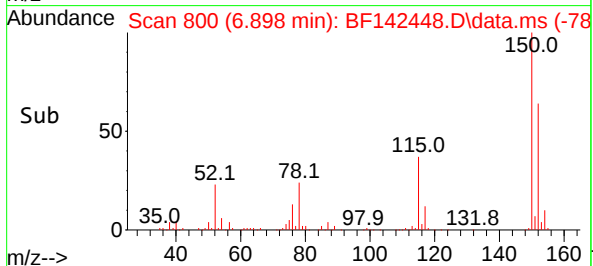


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 801
 Delta R.T. -0.006 min
 Lab File: BF142448.D
 Acq: 19 May 2025 13:37

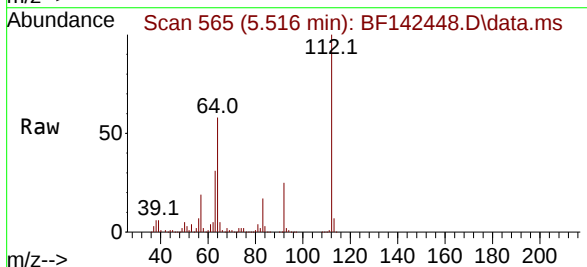
Instrument :
 BNA_F
 ClientSampleId :



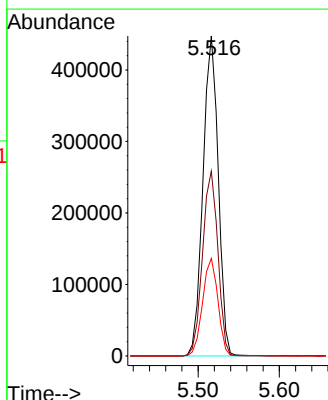
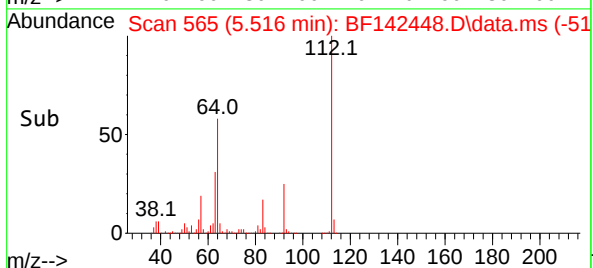
Tgt Ion:152 Resp: 126923
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.6 190.0
 115 58.4 47.3 70.9

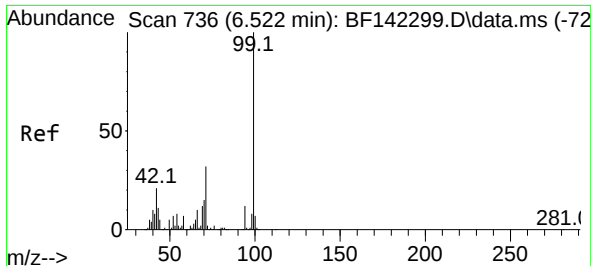


#5
 2-Fluorophenol
 Concen: 78.528 ng
 RT: 5.516 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF142448.D
 Acq: 19 May 2025 13:37



Tgt Ion:112 Resp: 583863
 Ion Ratio Lower Upper
 112 100
 64 57.8 48.9 73.3
 63 30.5 25.6 38.4



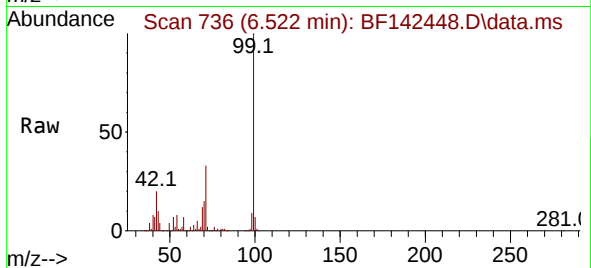


#7
Phenol-d6
Concen: 77.942 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142448.D
Acq: 19 May 2025 13:37

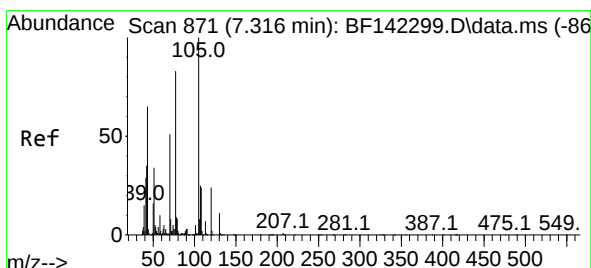
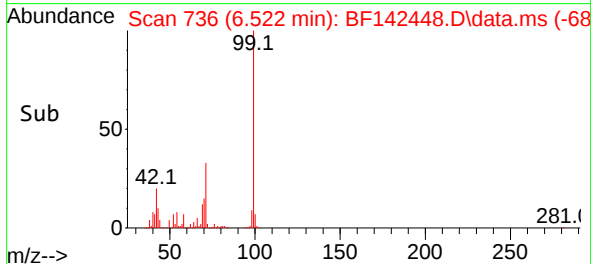
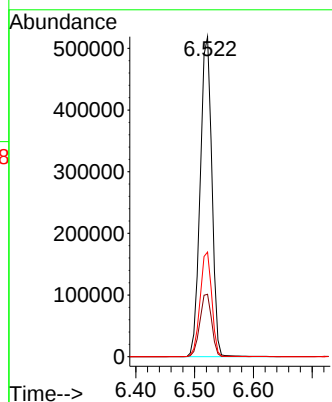
Instrument :

BNA_F

ClientSampleId :

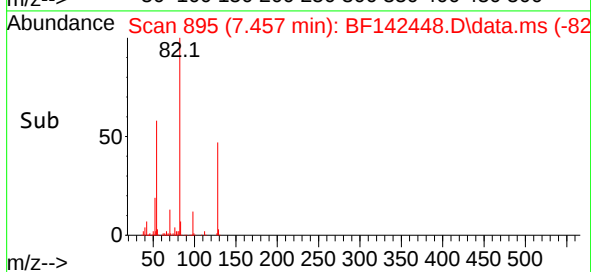
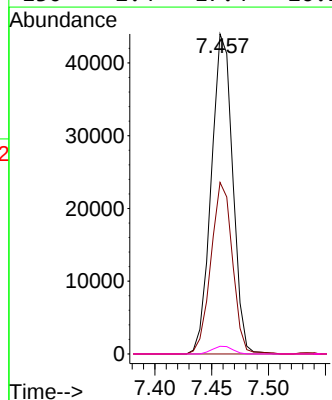
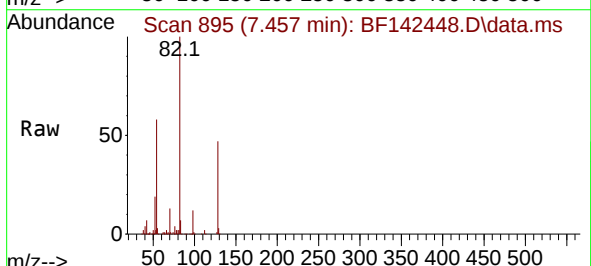


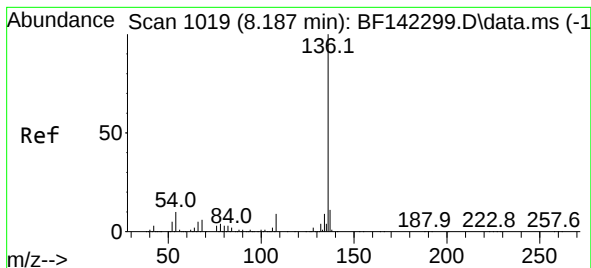
Tgt Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.0	25.4
71	32.7	25.8	38.8



#19
n-Nitroso-di-n-propylamine
Concen: 10.179 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF142448.D
Acq: 19 May 2025 13:37

Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.6	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: 8.181 min Scan# 1

Delta R.T. -0.006 min

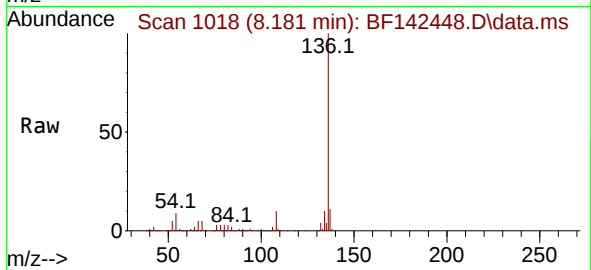
Lab File: BF142448.D

Acq: 19 May 2025 13:37

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 534005

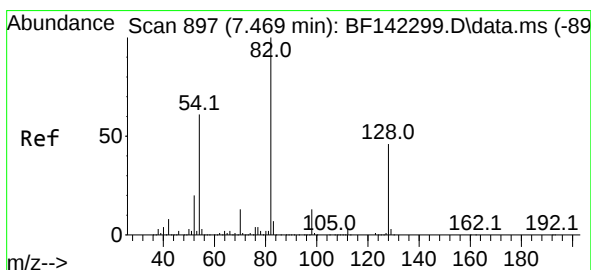
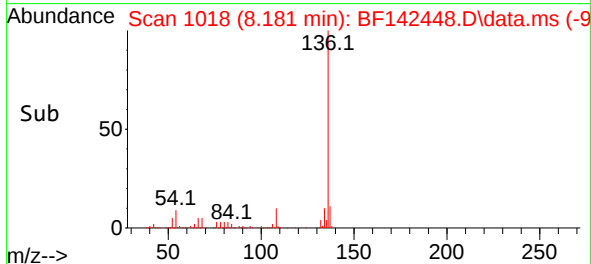
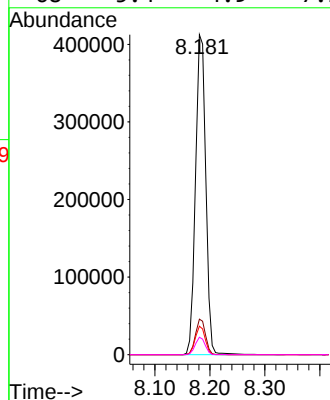
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.9 7.7 11.5

68 5.4 4.9 7.3



#23

Nitrobenzene-d5

Concen: 49.774 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF142448.D

Acq: 19 May 2025 13:37

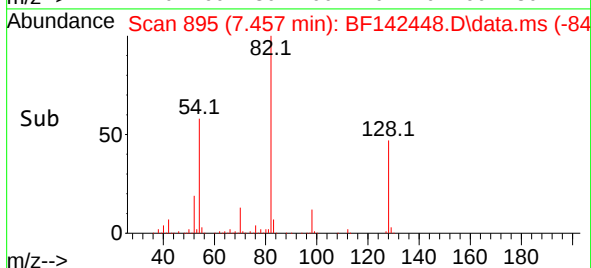
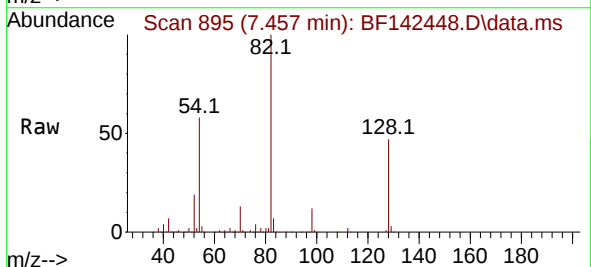
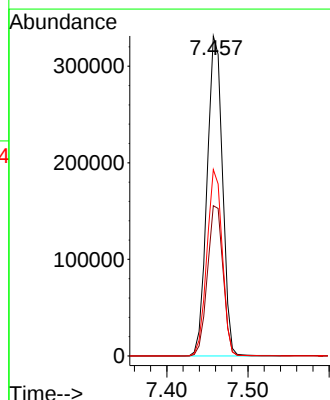
Tgt Ion: 82 Resp: 435826

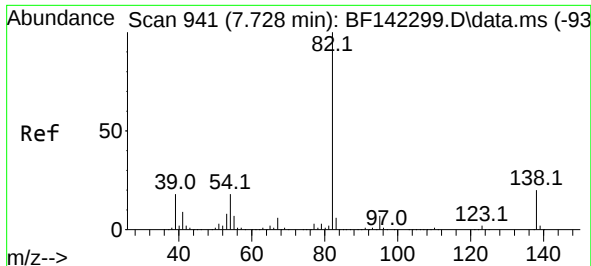
Ion Ratio Lower Upper

82 100

128 46.9 37.0 55.6

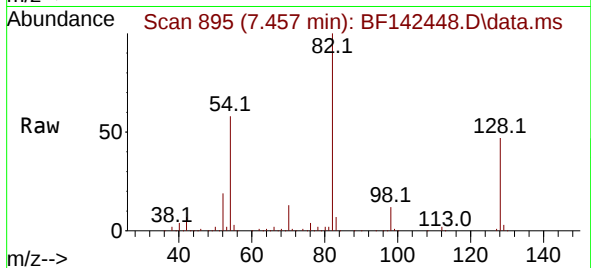
54 58.3 48.6 73.0



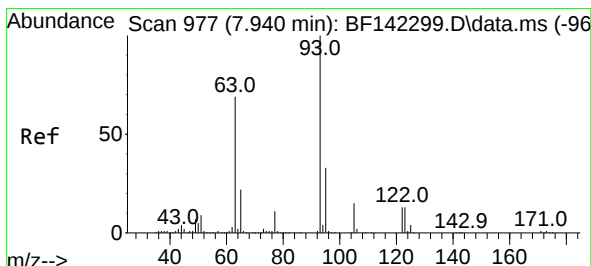
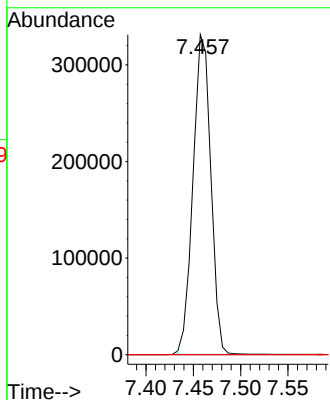
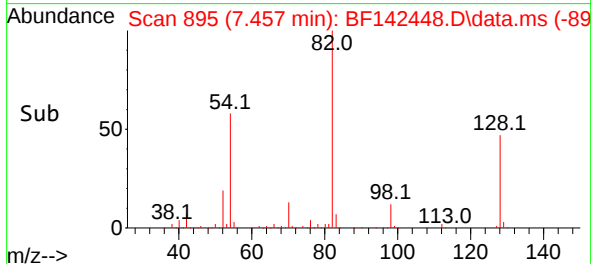


#25
Isophorone
Concen: 26.054 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF142448.D
Acq: 19 May 2025 13:37

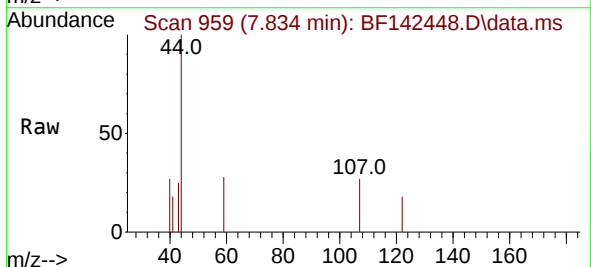
Instrument :
BNA_F
ClientSampleId :



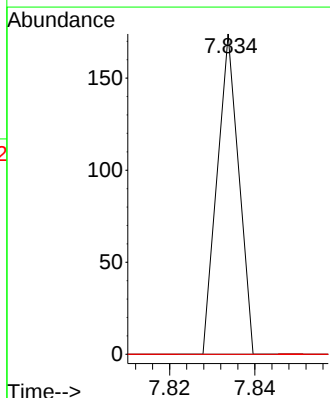
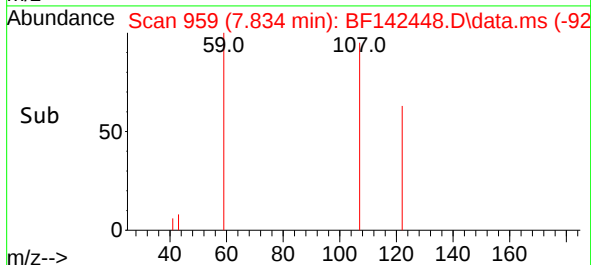
Tgt Ion: 82 Resp: 431988
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#

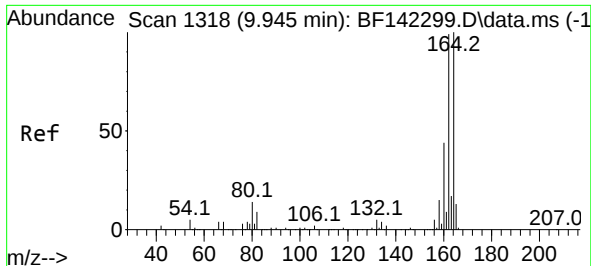


#32
Benzoic acid
Concen: 6.029 ng
RT: 7.834 min Scan# 959
Delta R.T. -0.106 min
Lab File: BF142448.D
Acq: 19 May 2025 13:37



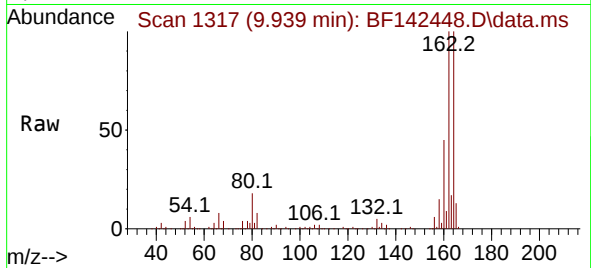
Tgt Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 0.0 97.9 137.9#
77 0.0 67.7 107.7#



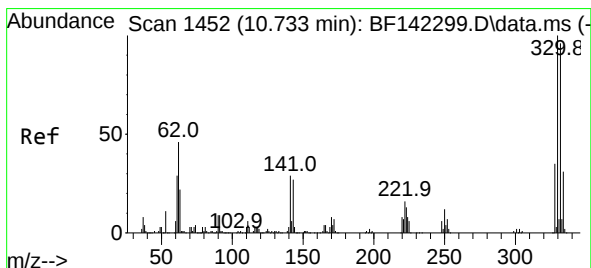
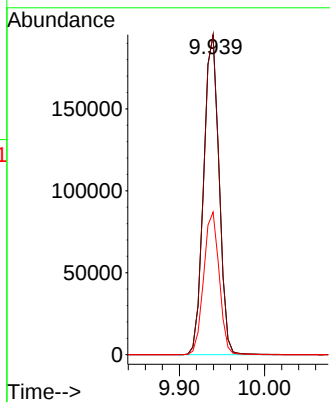
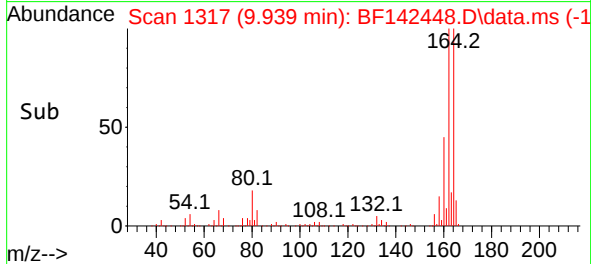


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142448.D
Acq: 19 May 2025 13:37

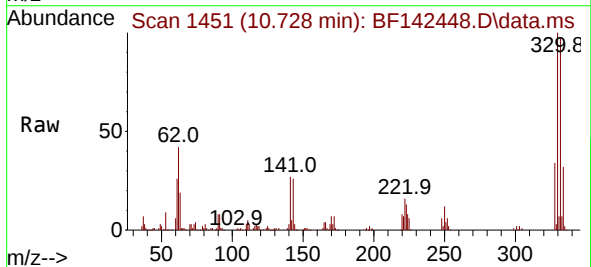
Instrument :
BNA_F
ClientSampleId :



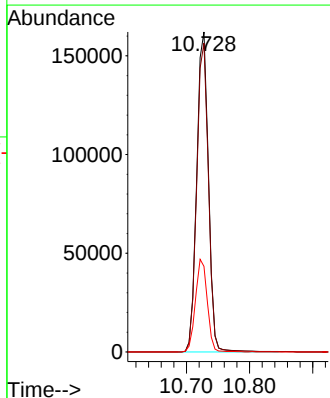
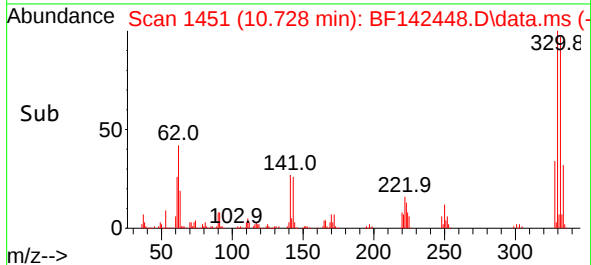
Tgt Ion:164 Resp: 245112
Ion Ratio Lower Upper
164 100
162 100.2 79.2 118.8
160 44.6 35.3 52.9

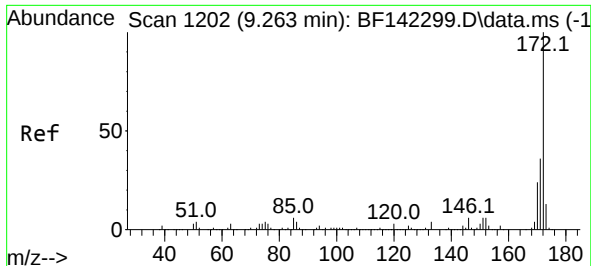


#42
2,4,6-Tribromophenol
Concen: 88.234 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142448.D
Acq: 19 May 2025 13:37



Tgt Ion:330 Resp: 208806
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 29.2 24.9 37.3

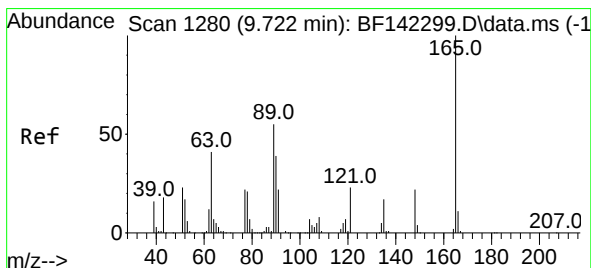
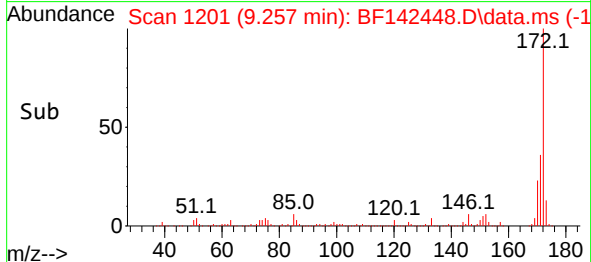
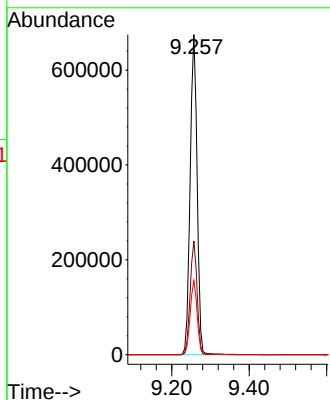
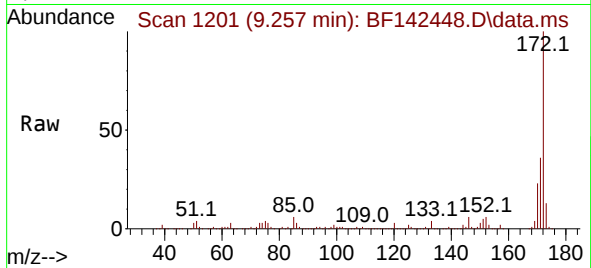




#45
2-Fluorobiphenyl
Concen: 49.056 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142448.D
Acq: 19 May 2025 13:37

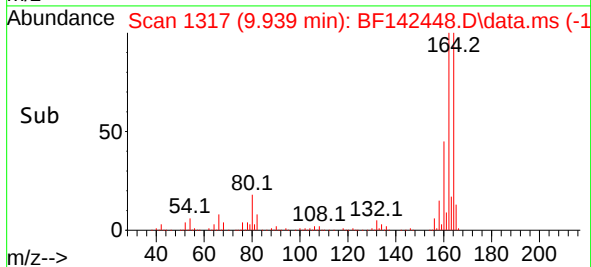
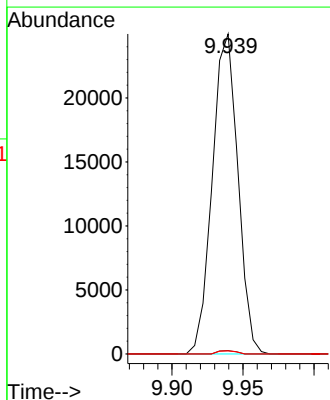
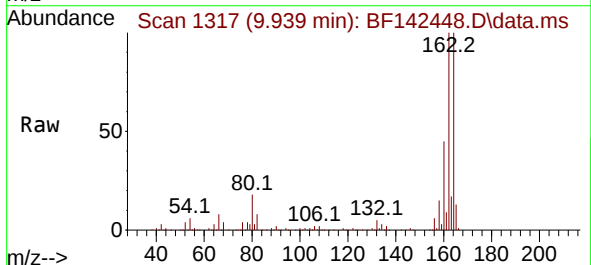
Instrument :
BNA_F
ClientSampleId :

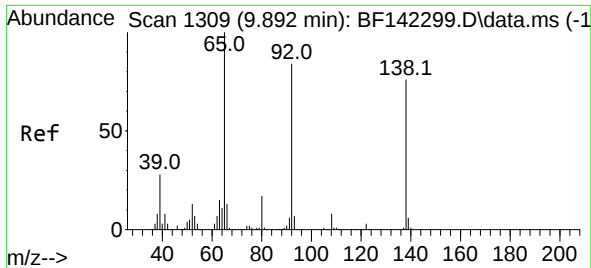
Tgt Ion:172 Resp: 843292
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.1 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 10.616 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.218 min
Lab File: BF142448.D
Acq: 19 May 2025 13:37

Tgt Ion:165 Resp: 31275
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 0.9 44.6 66.8#

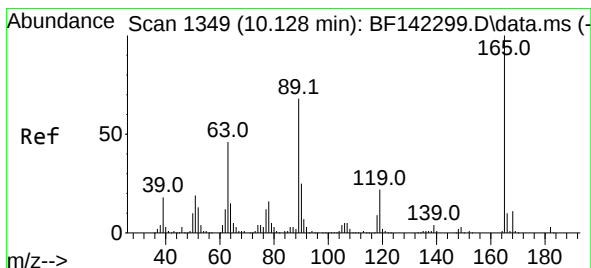
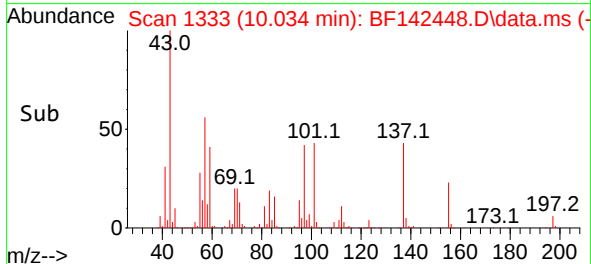
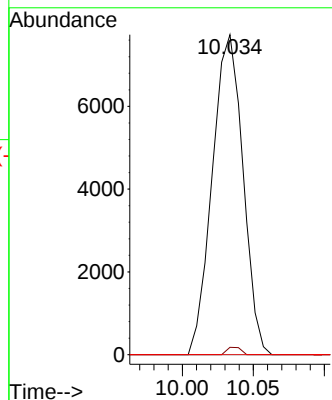
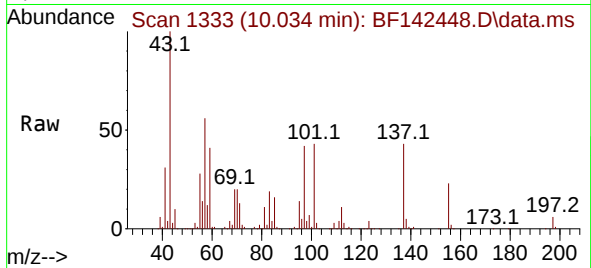




#53
3-Nitroaniline
Concen: 3.362 ng
RT: 10.034 min Scan# 11
Delta R.T. 0.141 min
Lab File: BF142448.D
Acq: 19 May 2025 13:37

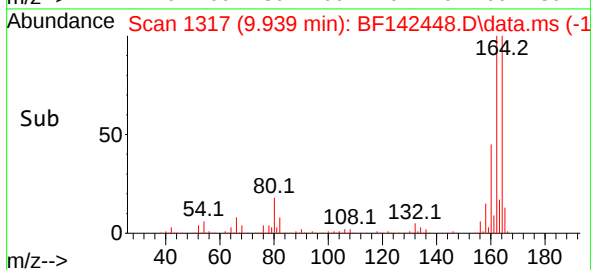
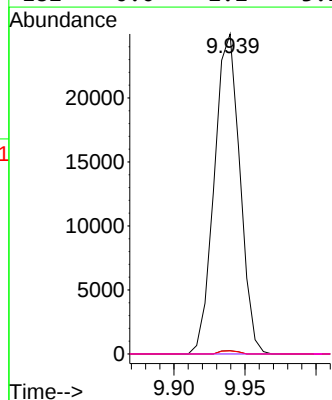
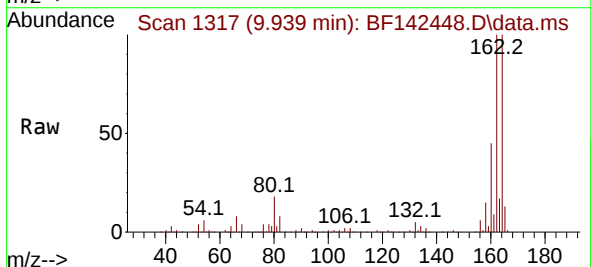
Instrument :
BNA_F
ClientSampleId :

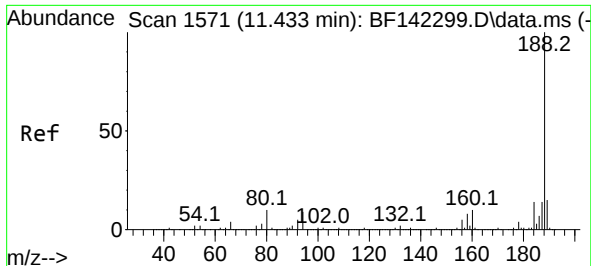
Tgt Ion:138 Resp: 11617
Ion Ratio Lower Upper
138 100
108 2.3 8.7 13.1#
92 0.0 89.5 134.3#



#57
2,4-Dinitrotoluene
Concen: 8.276 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.188 min
Lab File: BF142448.D
Acq: 19 May 2025 13:37

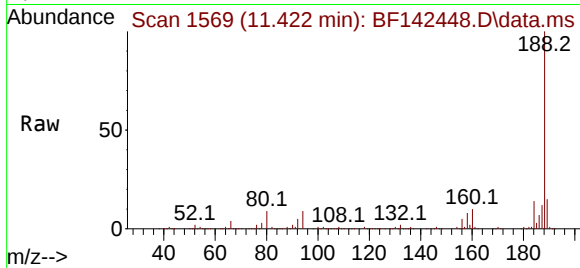
Tgt Ion:165 Resp: 31275
Ion Ratio Lower Upper
165 100
63 1.1 37.1 55.7#
89 0.9 54.4 81.6#
182 0.0 2.2 3.2#



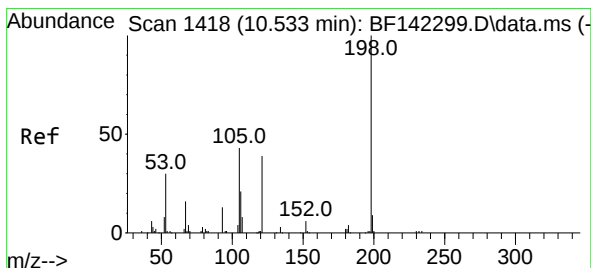
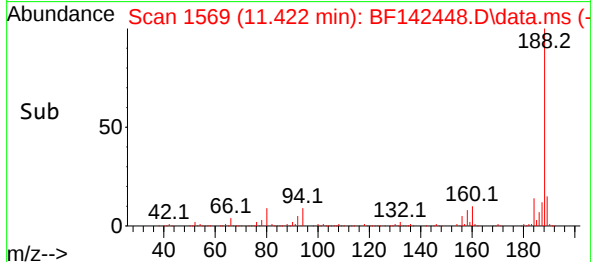
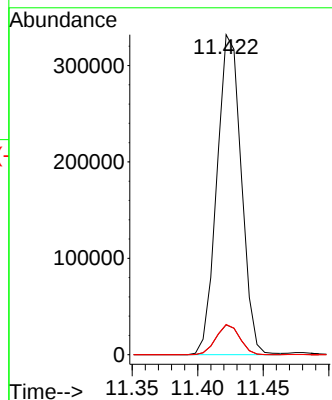


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142448.D
Acq: 19 May 2025 13:37

Instrument :
BNA_F
ClientSampleId :

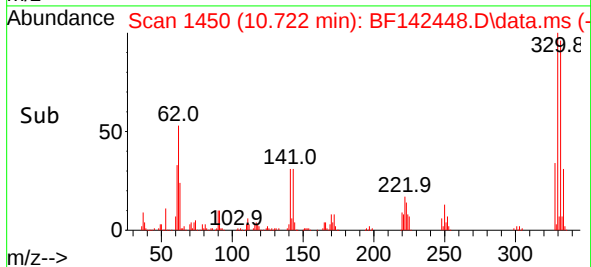
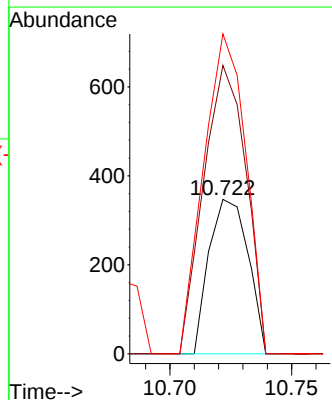
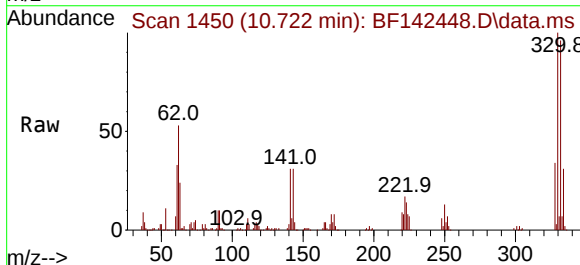


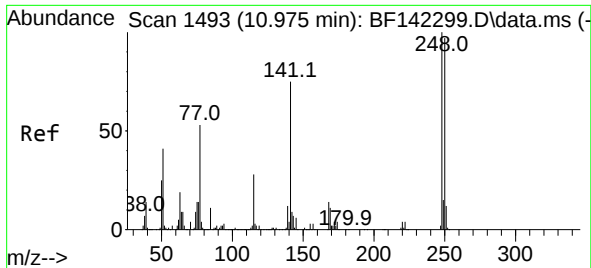
Tgt Ion:188 Resp: 429168
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 9.5 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 7.350 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.189 min
Lab File: BF142448.D
Acq: 19 May 2025 13:37

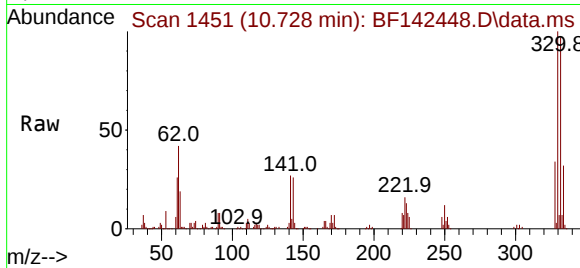
Tgt Ion:198 Resp: 387
Ion Ratio Lower Upper
198 100
51 186.7 32.9 72.9#
105 207.2 23.7 63.7#



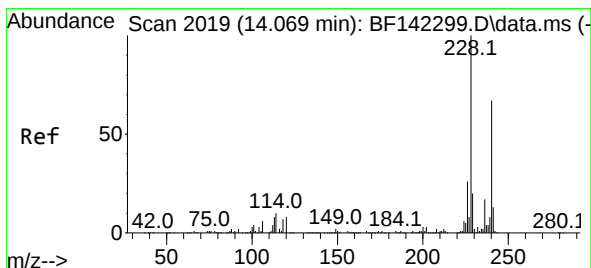
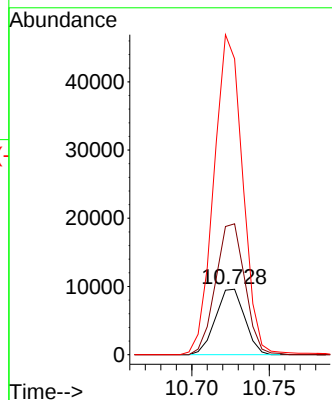
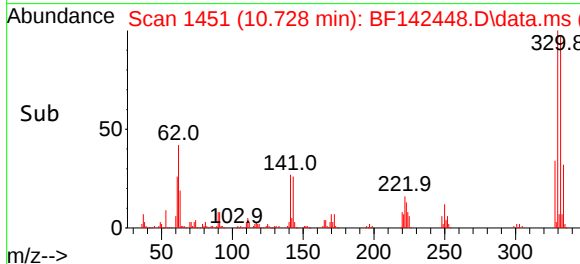


#67
4-Bromophenyl-phenylether
Concen: 2.590 ng
RT: 10.728 min Scan# 1493
Delta R.T. -0.247 min
Lab File: BF142448.D
Acq: 19 May 2025 13:37

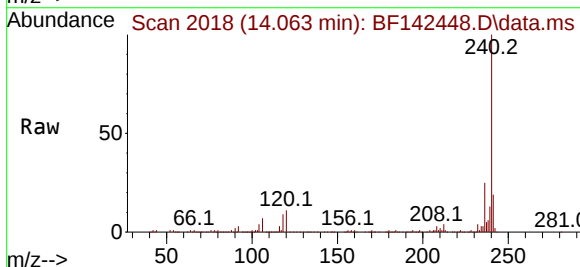
Instrument :
BNA_F
ClientSampleId :



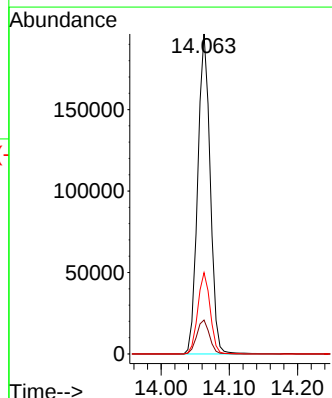
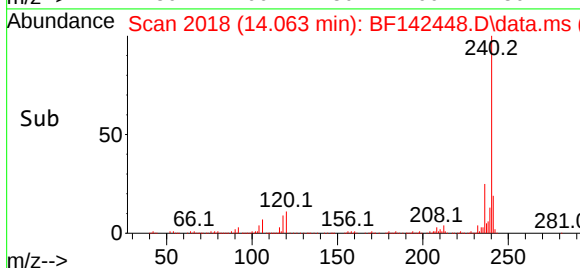
Tgt Ion:248 Resp: 12596
Ion Ratio Lower Upper
248 100
250 200.3 77.9 116.9#
141 452.3 59.8 89.8#

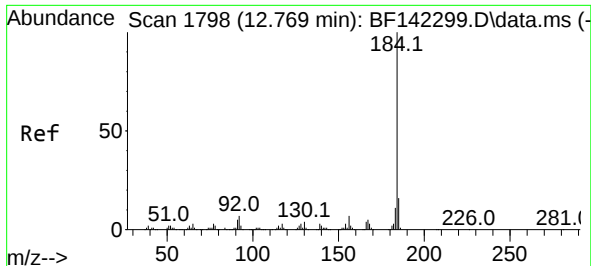


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142448.D
Acq: 19 May 2025 13:37



Tgt Ion:240 Resp: 249248
Ion Ratio Lower Upper
240 100
120 10.6 9.7 14.5
236 25.4 20.0 30.0

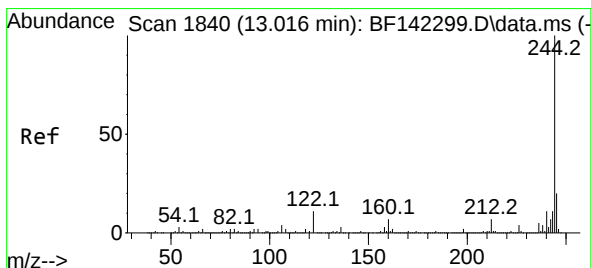
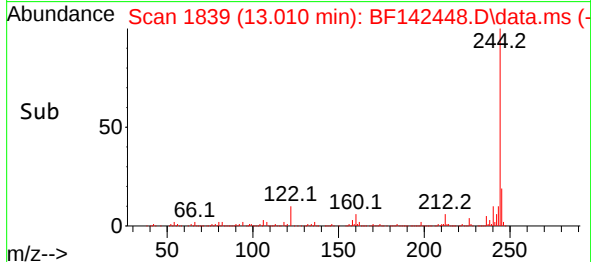
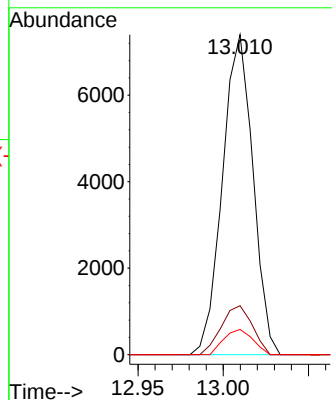
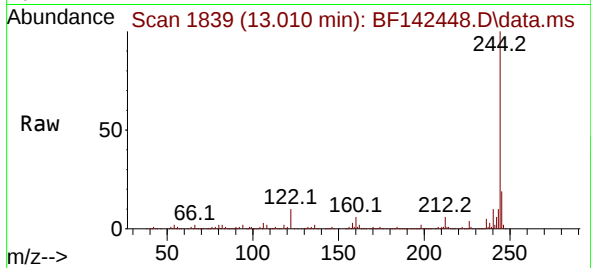




#77
Benzidine
Concen: 2.030 ng
RT: 13.010 min Scan# 1839
Delta R.T. 0.241 min
Lab File: BF142448.D
Acq: 19 May 2025 13:37

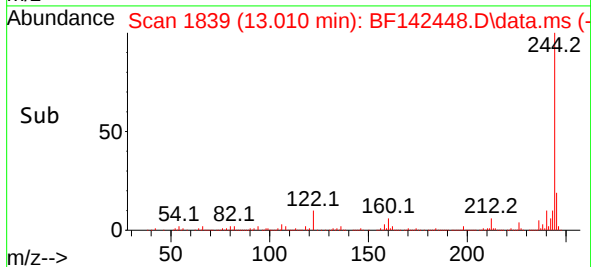
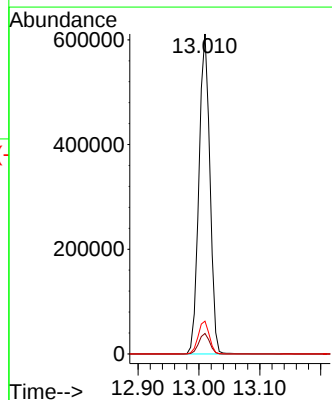
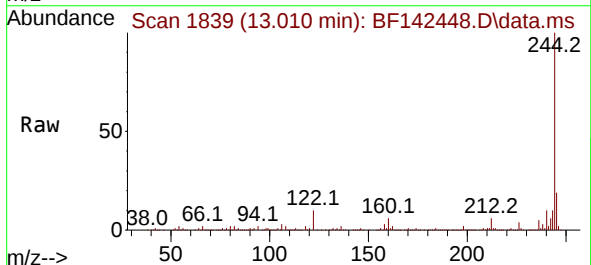
Instrument :
BNA_F
ClientSampleId :

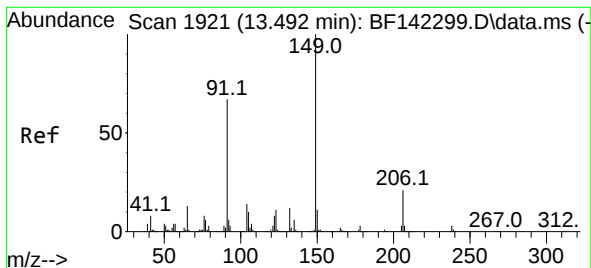
Tgt Ion:184 Resp: 9195
Ion Ratio Lower Upper
184 100
185 15.3 12.6 18.8
183 7.9 8.6 12.8#



#79
Terphenyl-d14
Concen: 45.252 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142448.D
Acq: 19 May 2025 13:37

Tgt Ion:244 Resp: 762036
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.2
122 10.2 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.677 ng

RT: 13.486 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF142448.D

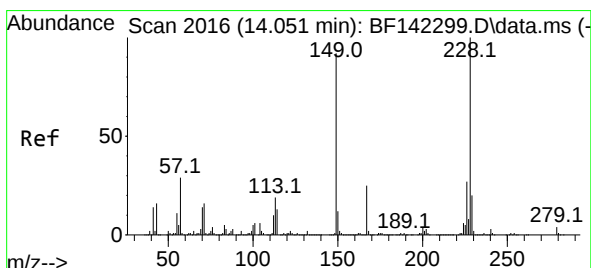
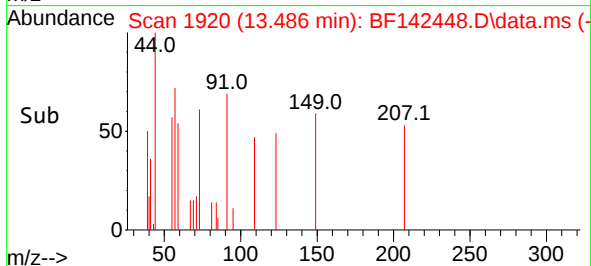
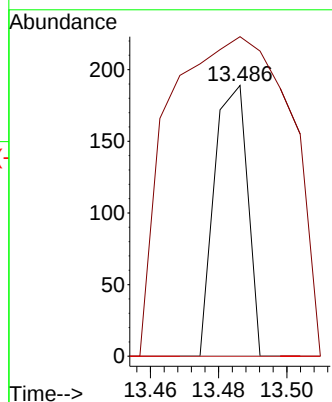
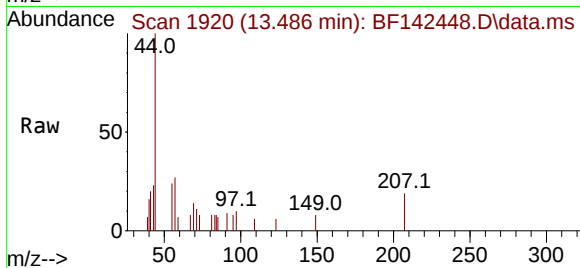
Acq: 19 May 2025 13:37

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:149	Resp:	127
Ion	Ratio	Lower Upper
149	100	
91	118.0	53.8 80.6#
206	0.0	16.6 24.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.308 ng

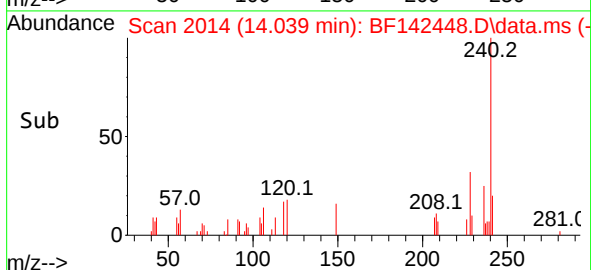
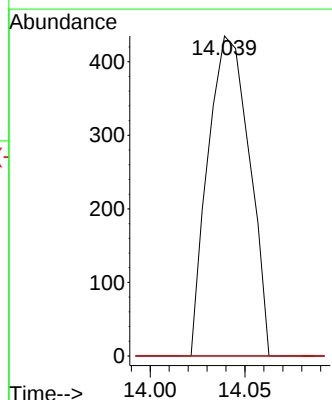
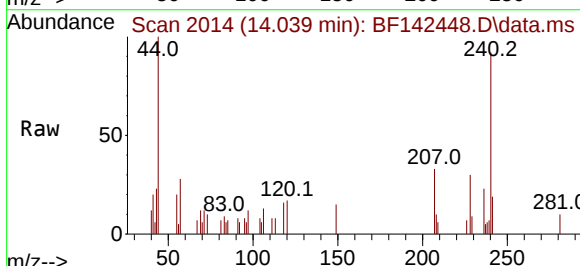
RT: 14.039 min Scan# 2014

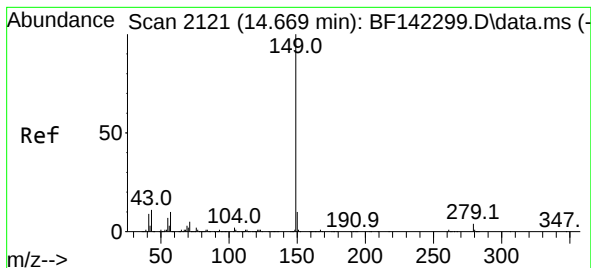
Delta R.T. -0.012 min

Lab File: BF142448.D

Acq: 19 May 2025 13:37

Tgt Ion:149	Resp:	661
Ion	Ratio	Lower Upper
149	100	
167	0.0	22.0 33.0#
279	0.0	3.0 4.6#





#85

Di-n-octyl phthalate

Concen: 7.869 ng

RT: 14.651 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF142448.D

Acq: 19 May 2025 13:37

Instrument :

BNA_F

ClientSampleId :

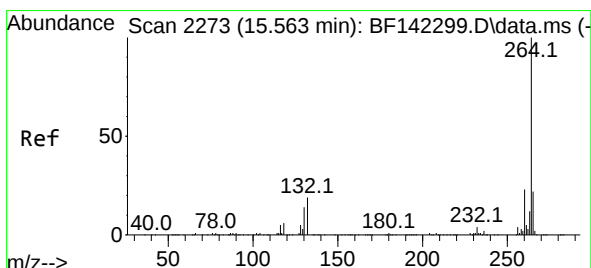
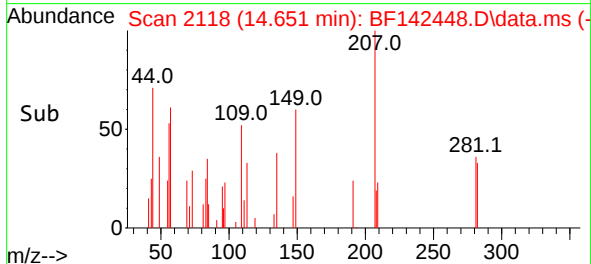
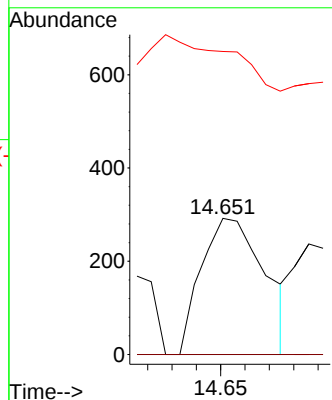
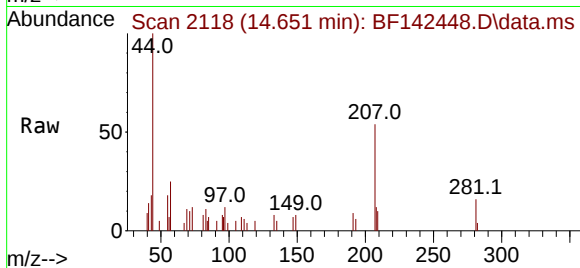
Tgt Ion:149 Resp: 529

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

43 0.0 9.2 13.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF142448.D

Acq: 19 May 2025 13:37

Tgt Ion:264 Resp: 249563

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.6 17.5 26.3

