

Data Path : C:\Users\eUser\Desktop\krunal\
 Data File : BF142453.D
 Acq On : 19 May 2025 16:02
 Operator : RC/JU
 Sample : Q1984-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 07:23:57 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)

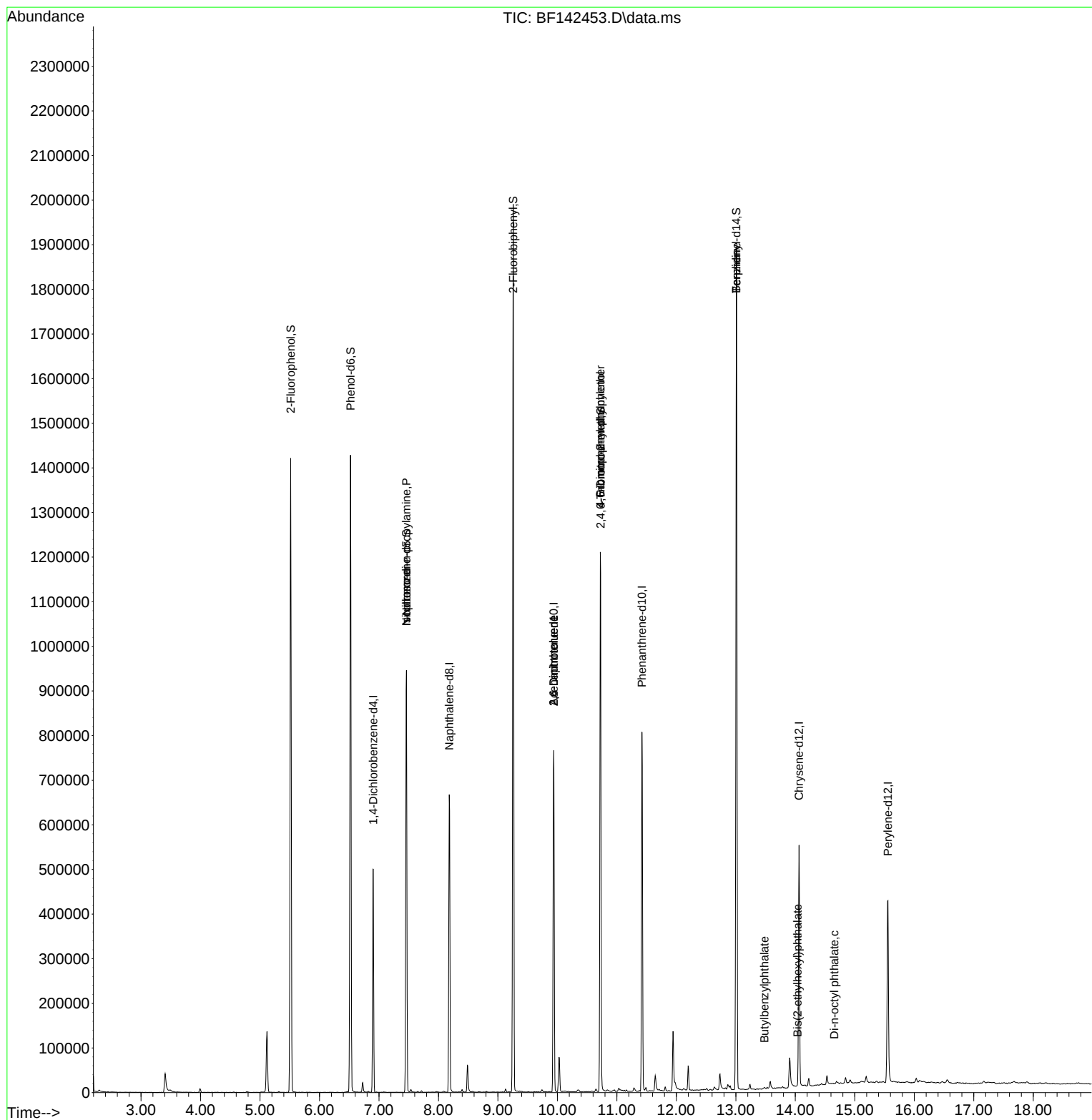
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	112628	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	431189	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	235493	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	418589	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	258937	20.000	ng	0.00
86) Perylene-d12	15.557	264	253670	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	540633	81.943	ng	0.00
7) Phenol-d6	6.522	99	665578	82.021	ng	0.00
23) Nitrobenzene-d5	7.463	82	402183	56.885	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	218903	96.279	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	873762	52.905	ng	0.00
79) Terphenyl-d14	13.010	244	926074	52.935	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	53957	10.750	ng	# 75
25) Isophorone	7.463	82	399749	29.858	ng	# 62
51) 2,6-Dinitrotoluene	9.939	165	29210	10.320	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	29210	8.045	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.722	198	414	7.365	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	13729	2.894	ng	# 1
77) Benzidine	13.010	184	11440	2.431	ng	# 96
80) Butylbenzylphthalate	13.480	149	372	3.710	ng	# 82
84) Bis(2-ethylhexyl)phtha...	14.039	149	2013	4.447	ng	# 91
85) Di-n-octyl phthalate	14.657	149	440	7.863	ng	# 54

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

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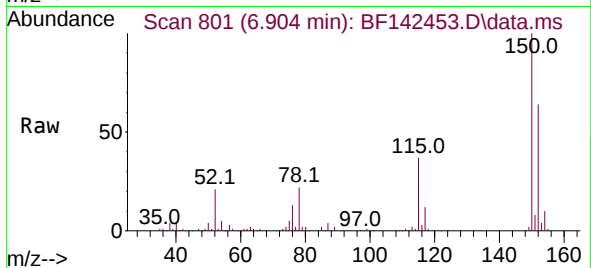
Quant Time: May 20 07:23:57 2025
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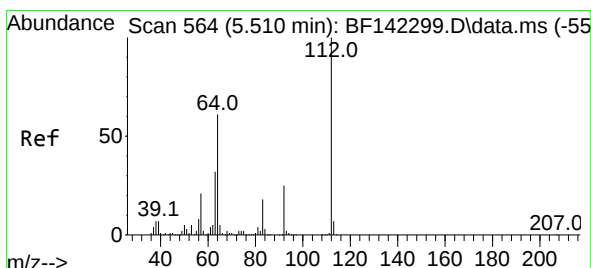
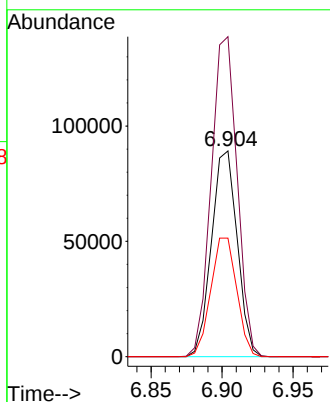
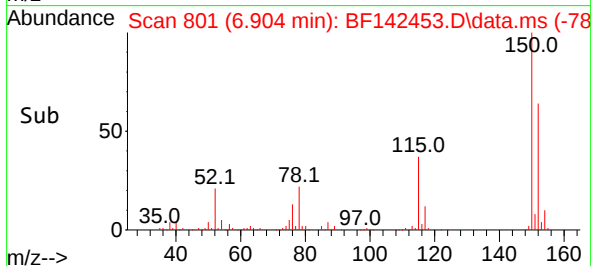


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142453.D
Acq: 19 May 2025 16:02

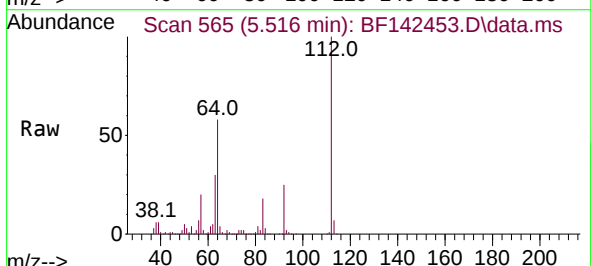
Instrument :
BNA_F
ClientSampleId :



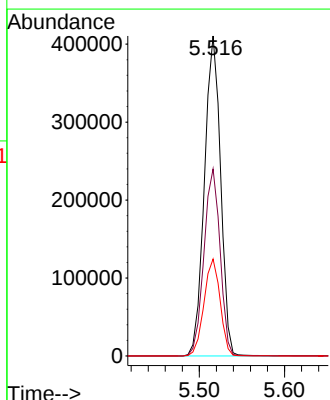
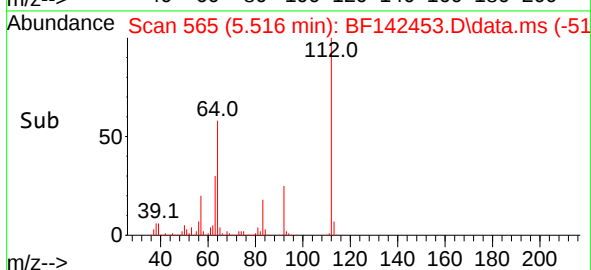
Tgt Ion:152 Resp: 112628
Ion Ratio Lower Upper
152 100
150 155.5 126.6 190.0
115 57.6 47.3 70.9

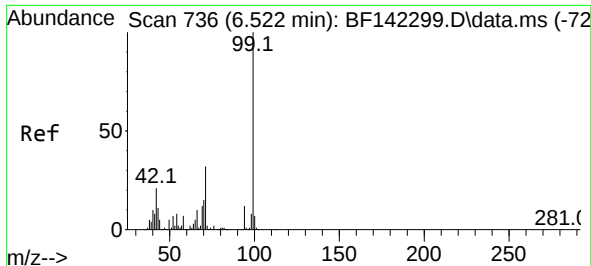


#5
2-Fluorophenol
Concen: 81.943 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF142453.D
Acq: 19 May 2025 16:02



Tgt Ion:112 Resp: 540633
Ion Ratio Lower Upper
112 100
64 58.4 48.9 73.3
63 30.3 25.6 38.4



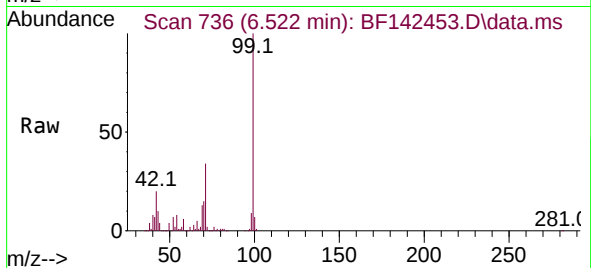


#7
Phenol-d6
Concen: 82.021 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142453.D
Acq: 19 May 2025 16:02

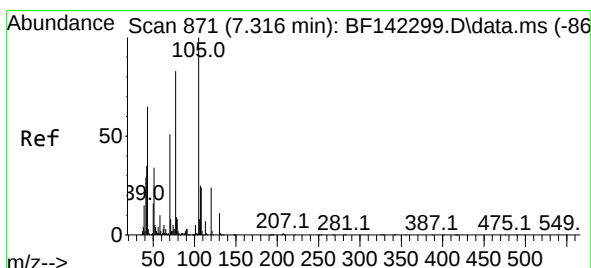
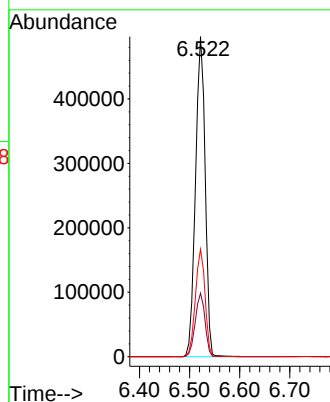
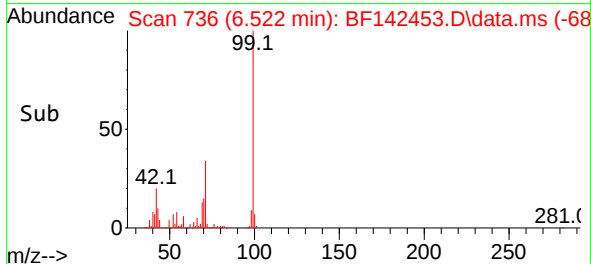
Instrument :

BNA_F

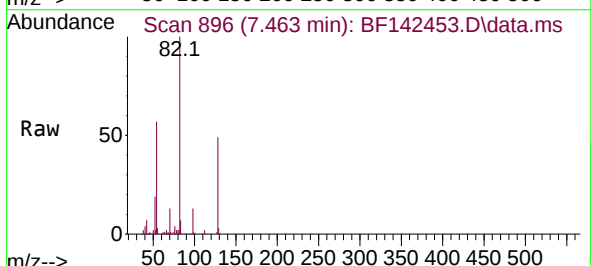
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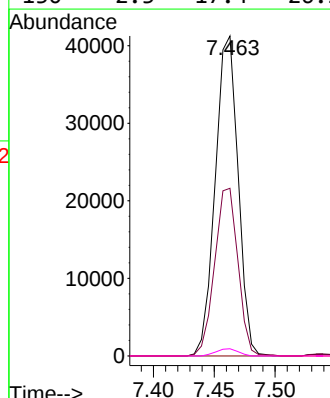
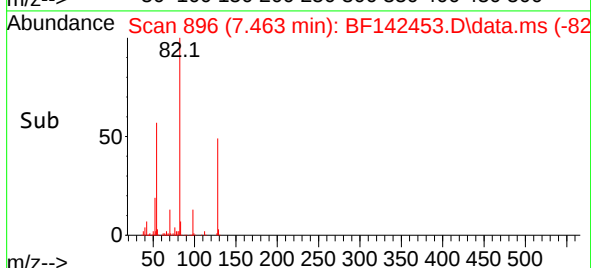
Tgt Ion: 99 Resp: 665578
Ion Ratio Lower Upper
99 100
42 19.8 17.0 25.4
71 33.6 25.8 38.8

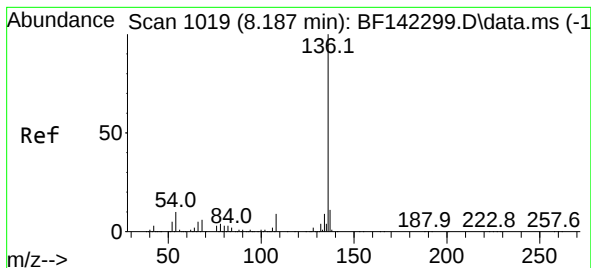


#19
n-Nitroso-di-n-propylamine
Concen: 10.750 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.147 min
Lab File: BF142453.D
Acq: 19 May 2025 16:02



Tgt Ion: 70 Resp: 53957
Ion Ratio Lower Upper
70 100
42 52.4 54.8 82.2#
101 0.0 7.7 11.5#
130 2.3 17.4 26.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF142453.D

Acq: 19 May 2025 16:02

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 431189

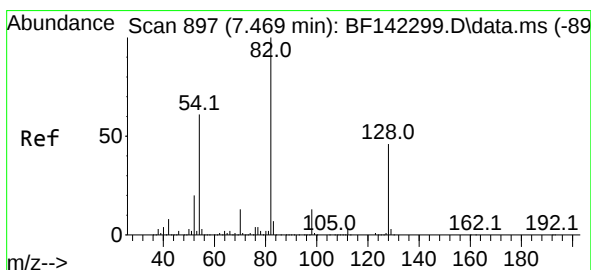
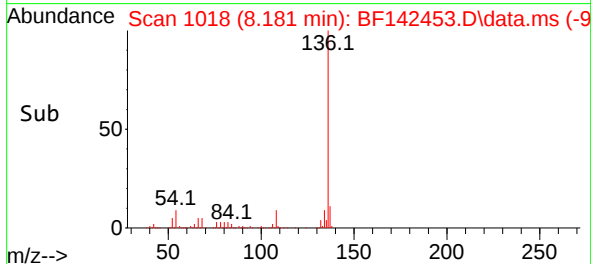
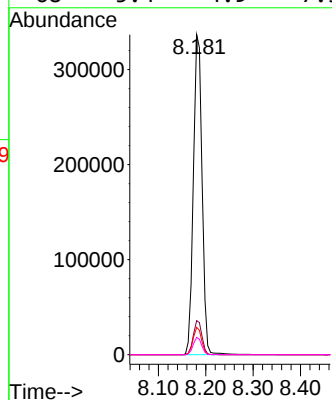
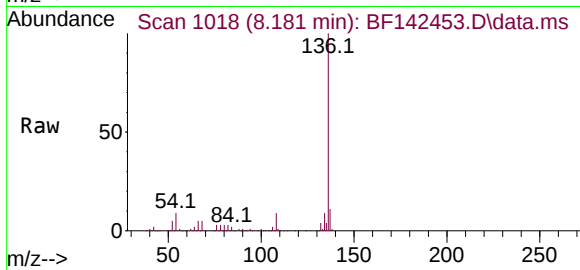
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.6 7.7 11.5

68 5.4 4.9 7.3



#23

Nitrobenzene-d5

Concen: 56.885 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF142453.D

Acq: 19 May 2025 16:02

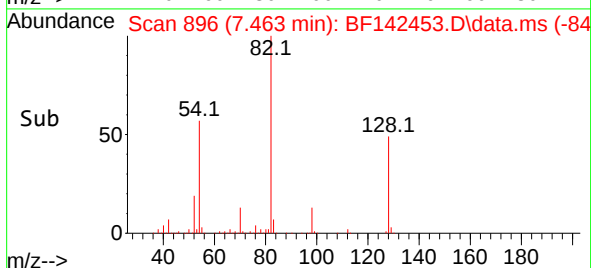
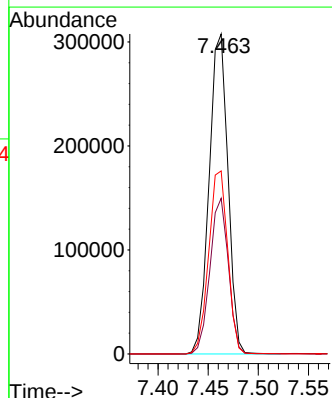
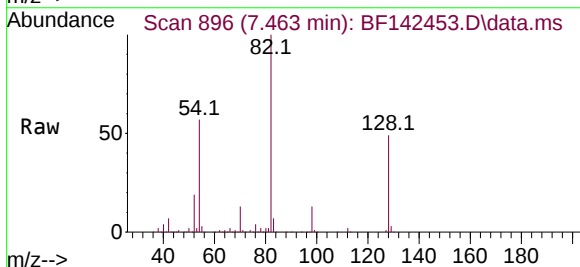
Tgt Ion: 82 Resp: 402183

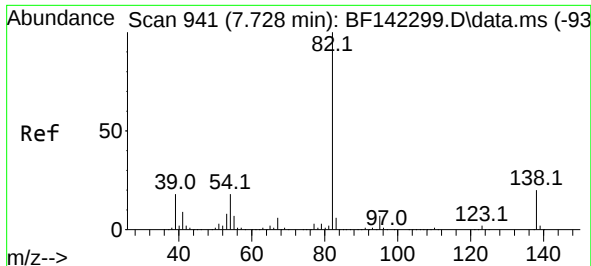
Ion Ratio Lower Upper

82 100

128 48.7 37.0 55.6

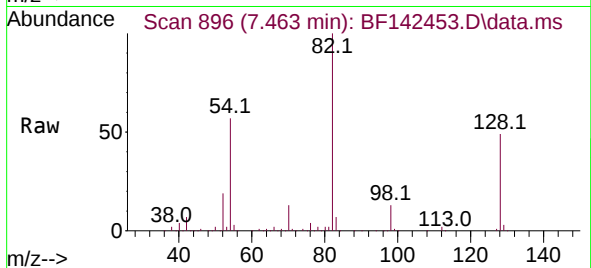
54 57.2 48.6 73.0



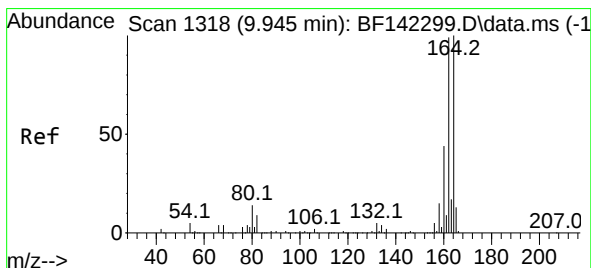
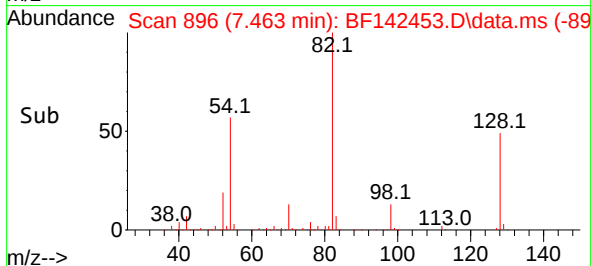
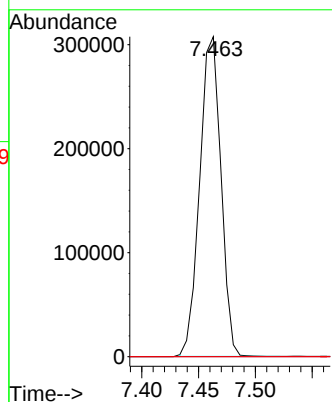


#25
Isophorone
Concen: 29.858 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142453.D
Acq: 19 May 2025 16:02

Instrument :
BNA_F
ClientSampleId :

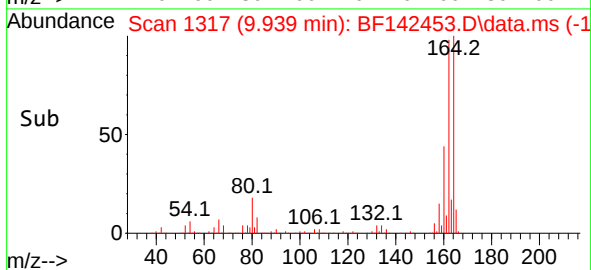
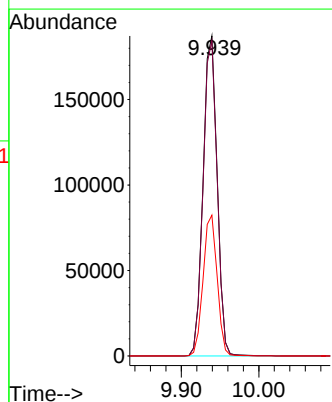
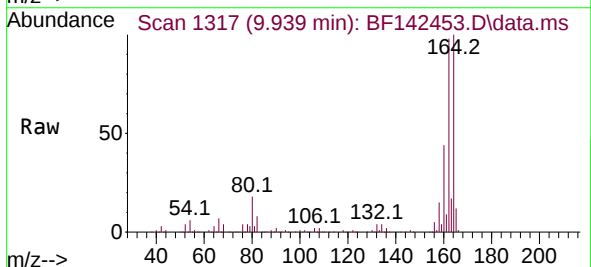


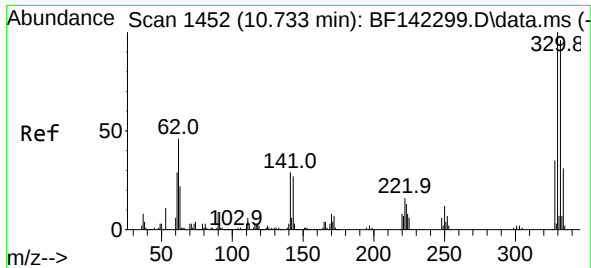
Tgt Ion: 82 Resp: 399749
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142453.D
Acq: 19 May 2025 16:02

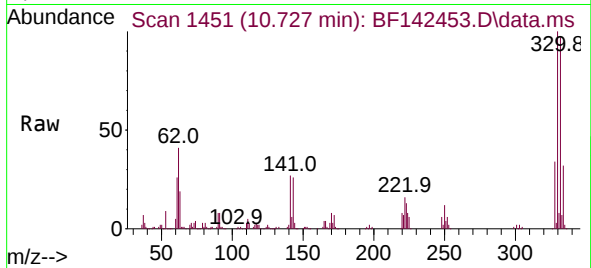
Tgt Ion:164 Resp: 235493
Ion Ratio Lower Upper
164 100
162 98.5 79.2 118.8
160 44.0 35.3 52.9



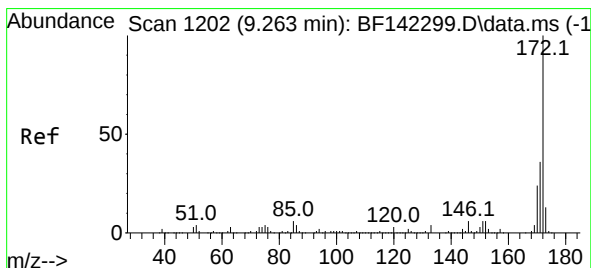
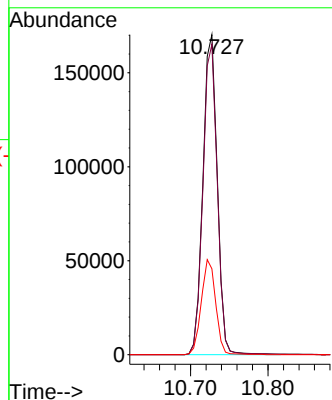
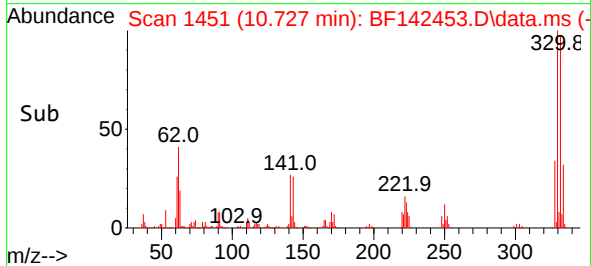


#42
2,4,6-Tribromophenol
Concen: 96.279 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142453.D
Acq: 19 May 2025 16:02

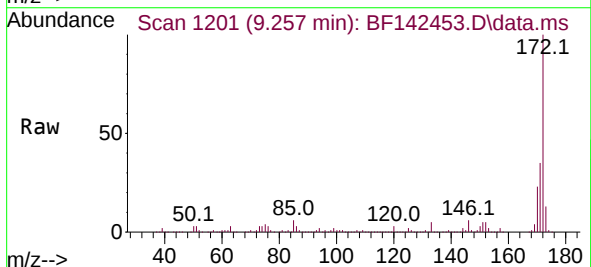
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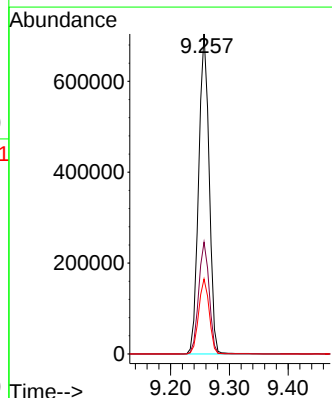
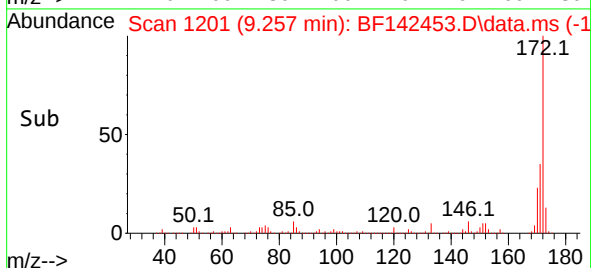
Tgt Ion:330 Resp: 218903
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 29.8 24.9 37.3

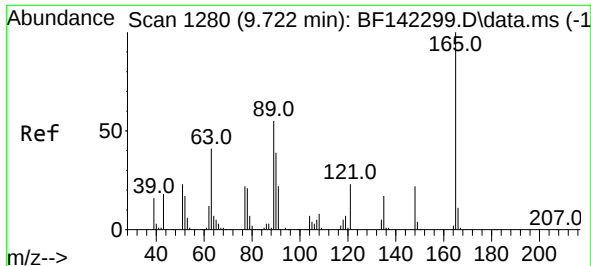


#45
2-Fluorobiphenyl
Concen: 52.905 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142453.D
Acq: 19 May 2025 16:02



Tgt Ion:172 Resp: 873762
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.5 19.0 28.4

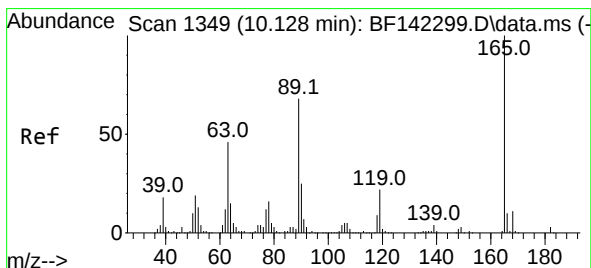
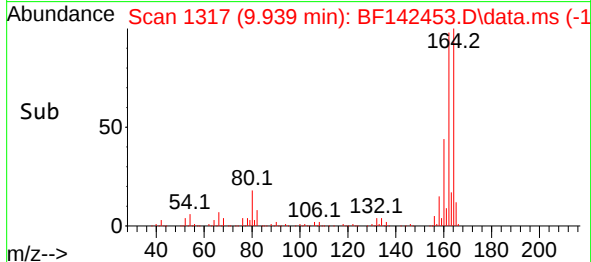
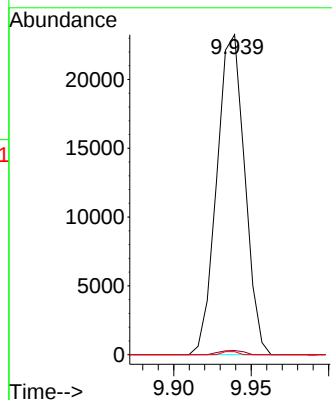
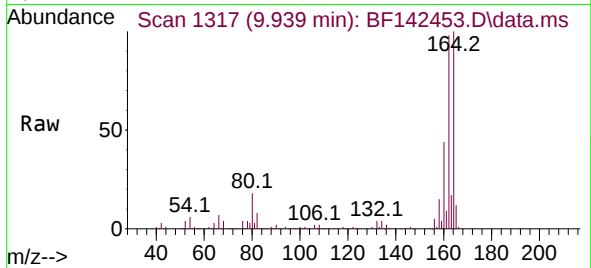




#51
2,6-Dinitrotoluene
Concen: 10.320 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.217 min
Lab File: BF142453.D
Acq: 19 May 2025 16:02

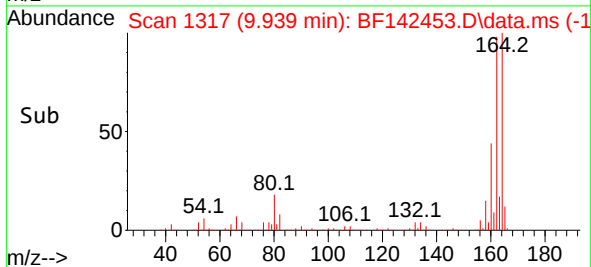
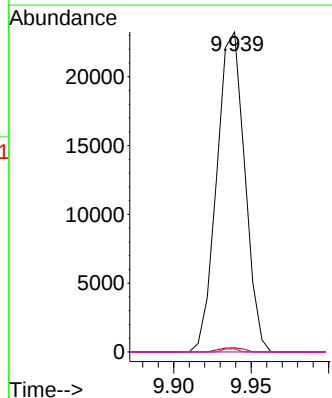
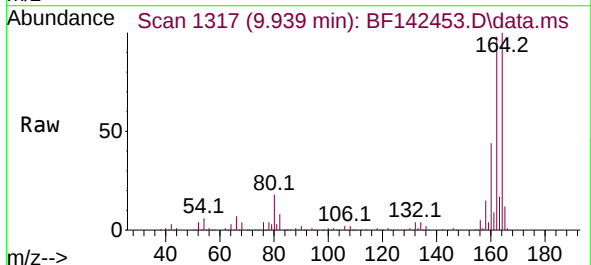
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BNA_F
ClientSampleId :

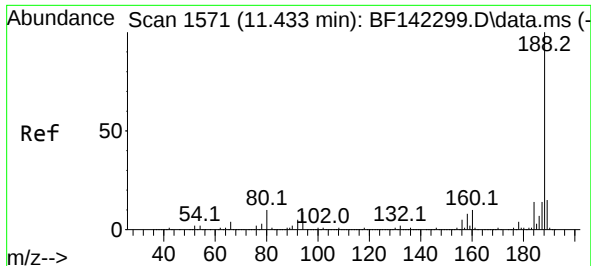
Tgt Ion:165 Resp: 29210
Ion Ratio Lower Upper
165 100
63 1.3 49.5 74.3#
89 1.0 44.6 66.8#



#57
2,4-Dinitrotoluene
Concen: 8.045 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.188 min
Lab File: BF142453.D
Acq: 19 May 2025 16:02

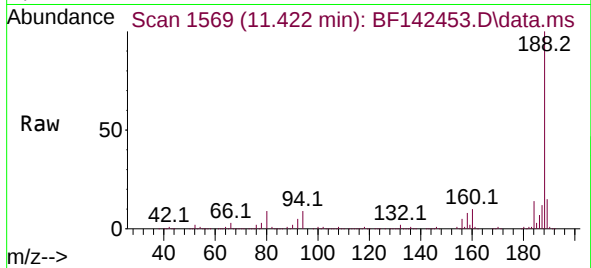
Tgt Ion:165 Resp: 29210
Ion Ratio Lower Upper
165 100
63 1.3 37.1 55.7#
89 1.0 54.4 81.6#
182 0.0 2.2 3.2#



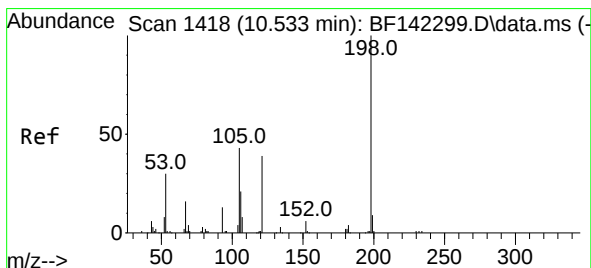
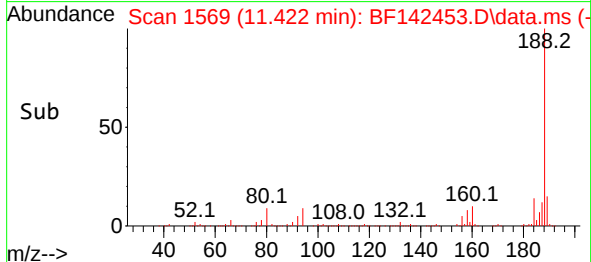
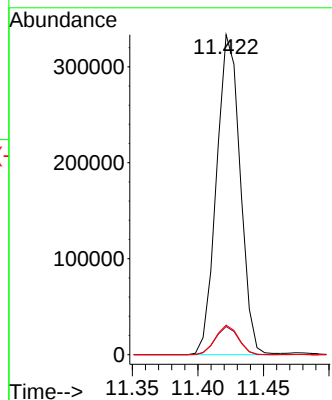


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142453.D
Acq: 19 May 2025 16:02

Instrument :
BNA_F
ClientSampleId :

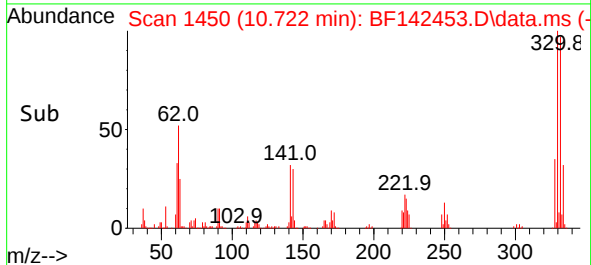
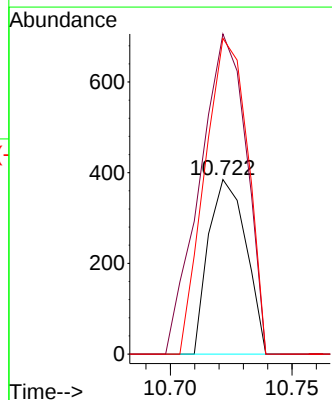
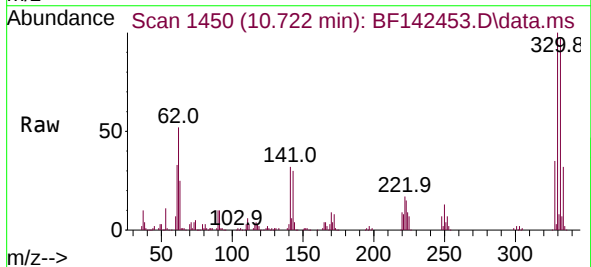


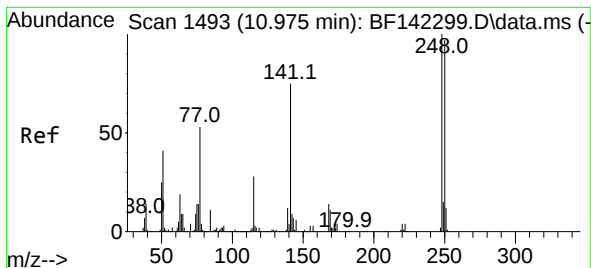
Tgt Ion:188 Resp: 418589
Ion Ratio Lower Upper
188 100
94 8.8 7.5 11.3
80 9.2 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 7.365 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.189 min
Lab File: BF142453.D
Acq: 19 May 2025 16:02

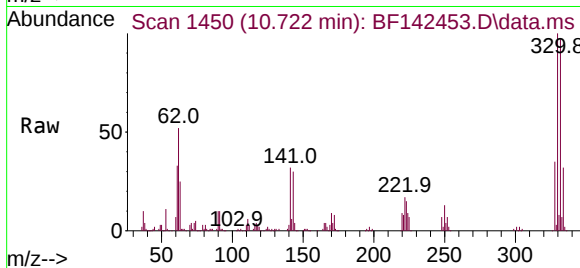
Tgt Ion:198 Resp: 414
Ion Ratio Lower Upper
198 100
51 183.4 32.9 72.9#
105 180.8 23.7 63.7#



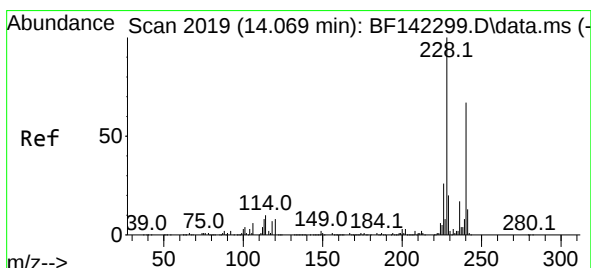
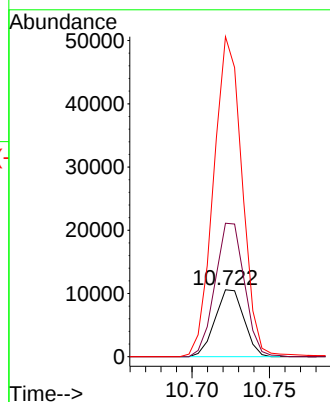
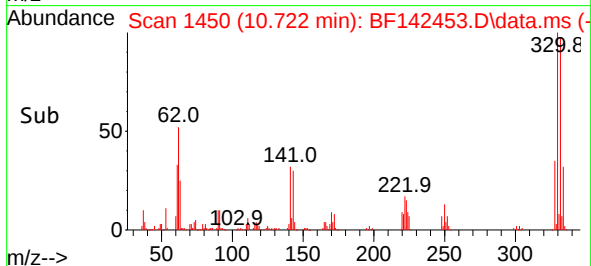


#67
4-Bromophenyl-phenylether
Concen: 2.894 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF142453.D
Acq: 19 May 2025 16:02

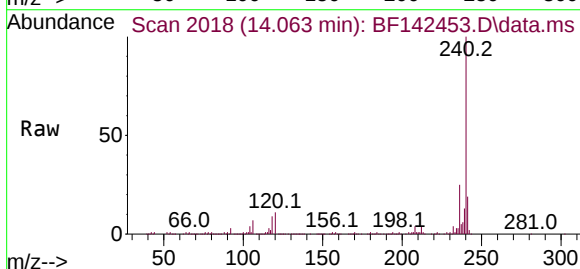
Instrument :
BNA_F
ClientSampleId :



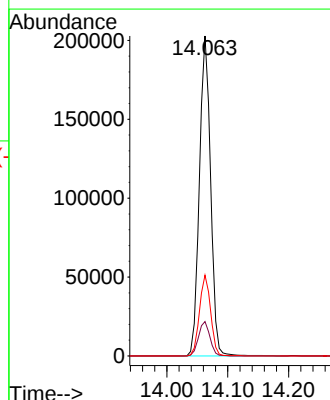
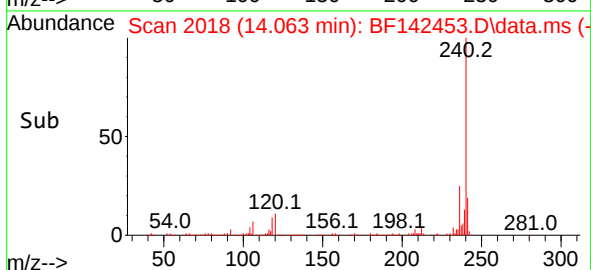
Tgt Ion:248 Resp: 13729
Ion Ratio Lower Upper
248 100
250 199.6 77.9 116.9#
141 479.0 59.8 89.8#

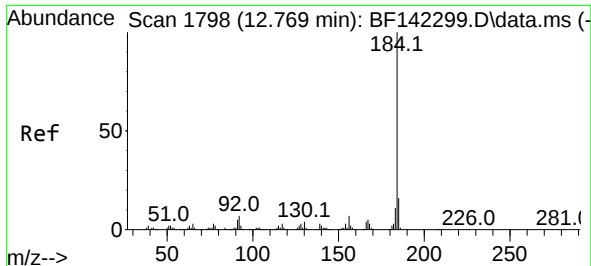


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142453.D
Acq: 19 May 2025 16:02



Tgt Ion:240 Resp: 258937
Ion Ratio Lower Upper
240 100
120 10.8 9.7 14.5
236 25.3 20.0 30.0

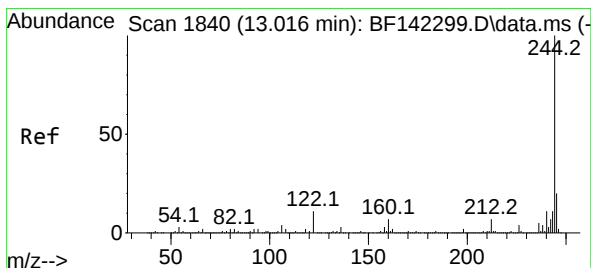
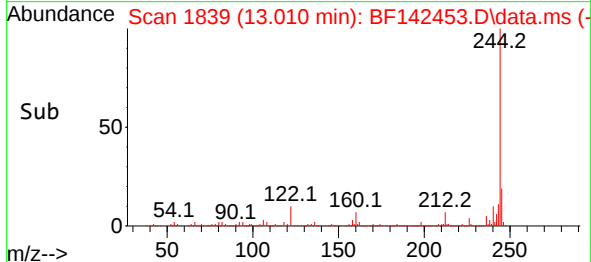
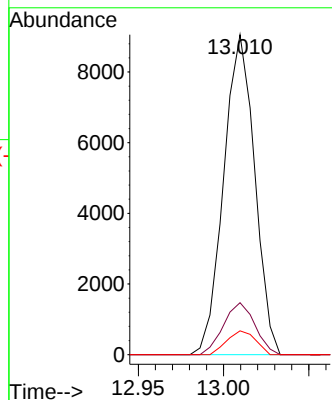
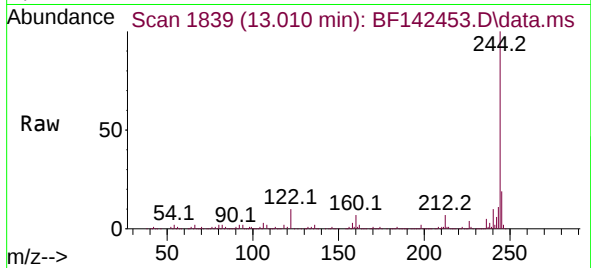




#77
Benzidine
Concen: 2.431 ng
RT: 13.010 min Scan# 1839
Delta R.T. 0.241 min
Lab File: BF142453.D
Acq: 19 May 2025 16:02

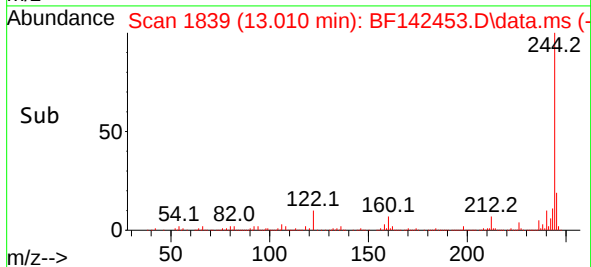
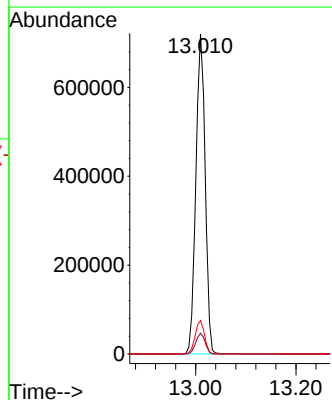
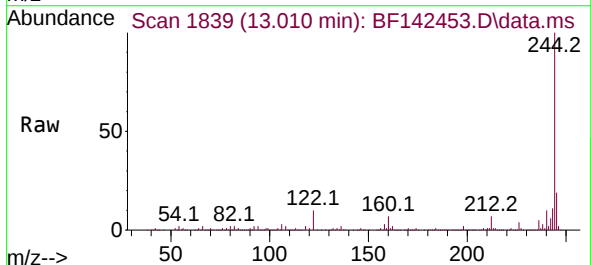
Instrument :
BNA_F
ClientSampleId :

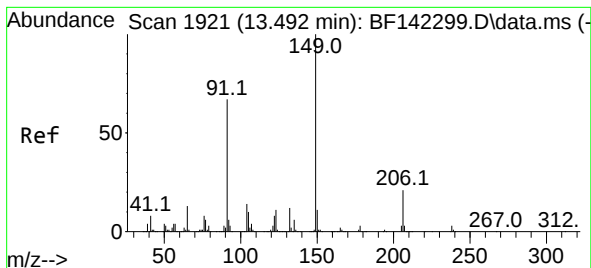
Tgt Ion:184 Resp: 11440
Ion Ratio Lower Upper
184 100
185 16.3 12.6 18.8
183 7.4 8.6 12.8#



#79
Terphenyl-d14
Concen: 52.935 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142453.D
Acq: 19 May 2025 16:02

Tgt Ion:244 Resp: 926074
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.2
122 10.5 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.710 ng

RT: 13.480 min Scan# 1919

Delta R.T. -0.012 min

Lab File: BF142453.D

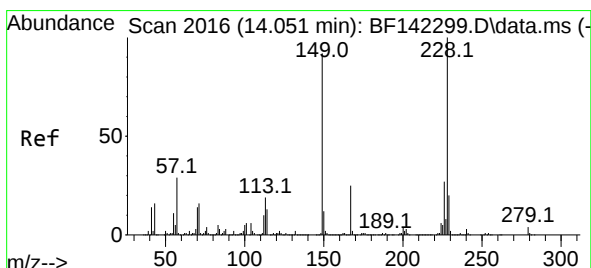
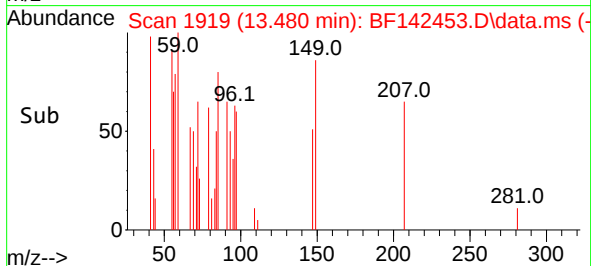
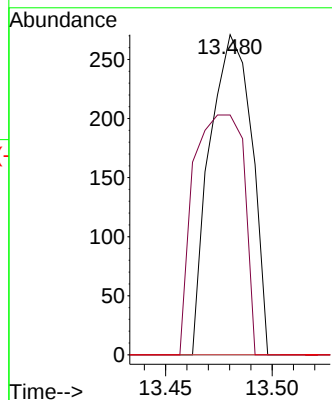
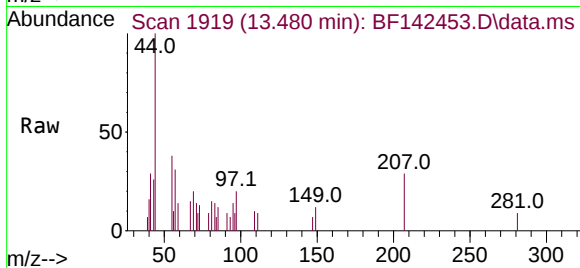
Acq: 19 May 2025 16:02

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:149	Resp:	372
Ion	Ratio	Lower Upper
149	100	
91	74.9	53.8 80.6
206	0.0	16.6 24.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.447 ng

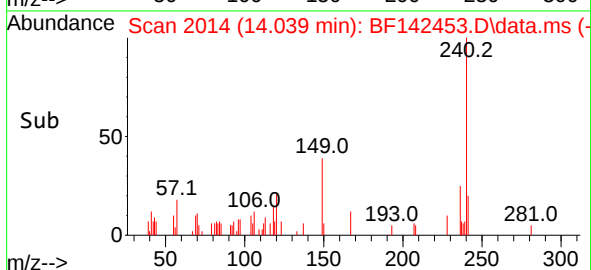
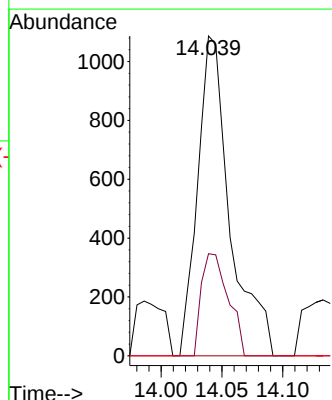
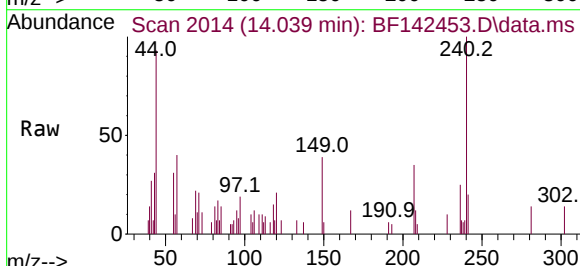
RT: 14.039 min Scan# 2014

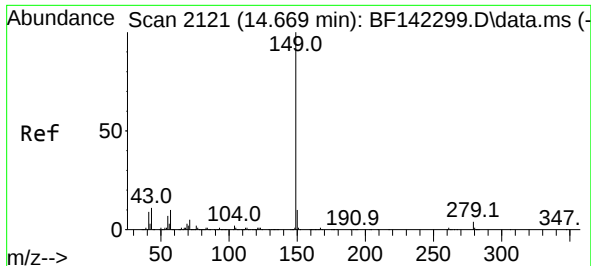
Delta R.T. -0.012 min

Lab File: BF142453.D

Acq: 19 May 2025 16:02

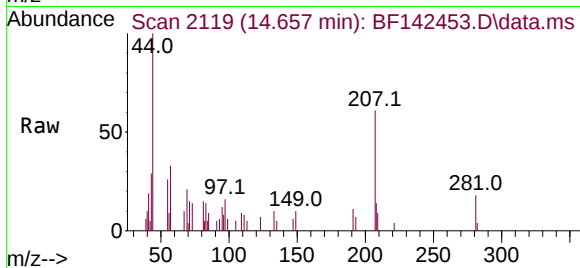
Tgt Ion:149	Resp:	2013
Ion	Ratio	Lower Upper
149	100	
167	31.9	22.0 33.0
279	0.0	3.0 4.6#



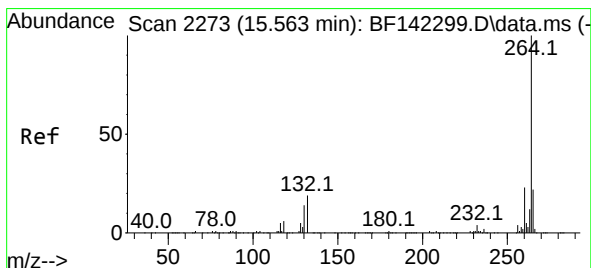
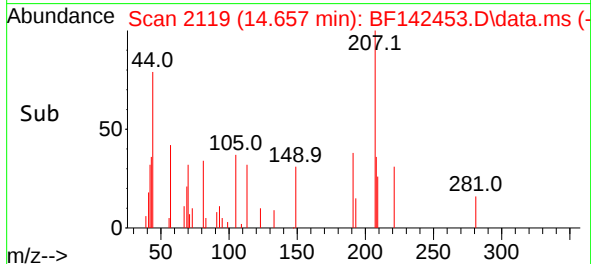
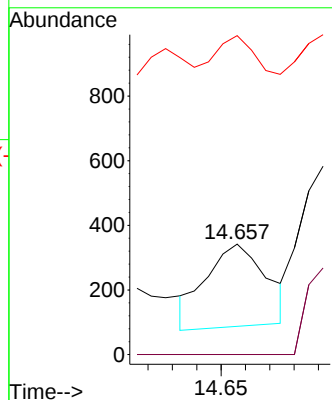


#85
Di-n-octyl phthalate
Concen: 7.863 ng
RT: 14.657 min Scan# 2119
Delta R.T. -0.012 min
Lab File: BF142453.D
Acq: 19 May 2025 16:02

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:149 Resp: 440
Ion Ratio Lower Upper
149 100
167 0.0 1.1 1.7#
43 31.1 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: BF142453.D
Acq: 19 May 2025 16:02

Tgt Ion:264 Resp: 253670
Ion Ratio Lower Upper
264 100
260 22.6 18.6 27.8
265 21.6 17.5 26.3

