

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
 Data File : BF142442.D
 Acq On : 19 May 2025 10:38
 Operator : RC/JU
 Sample : PB168017BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 11:54:41 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)

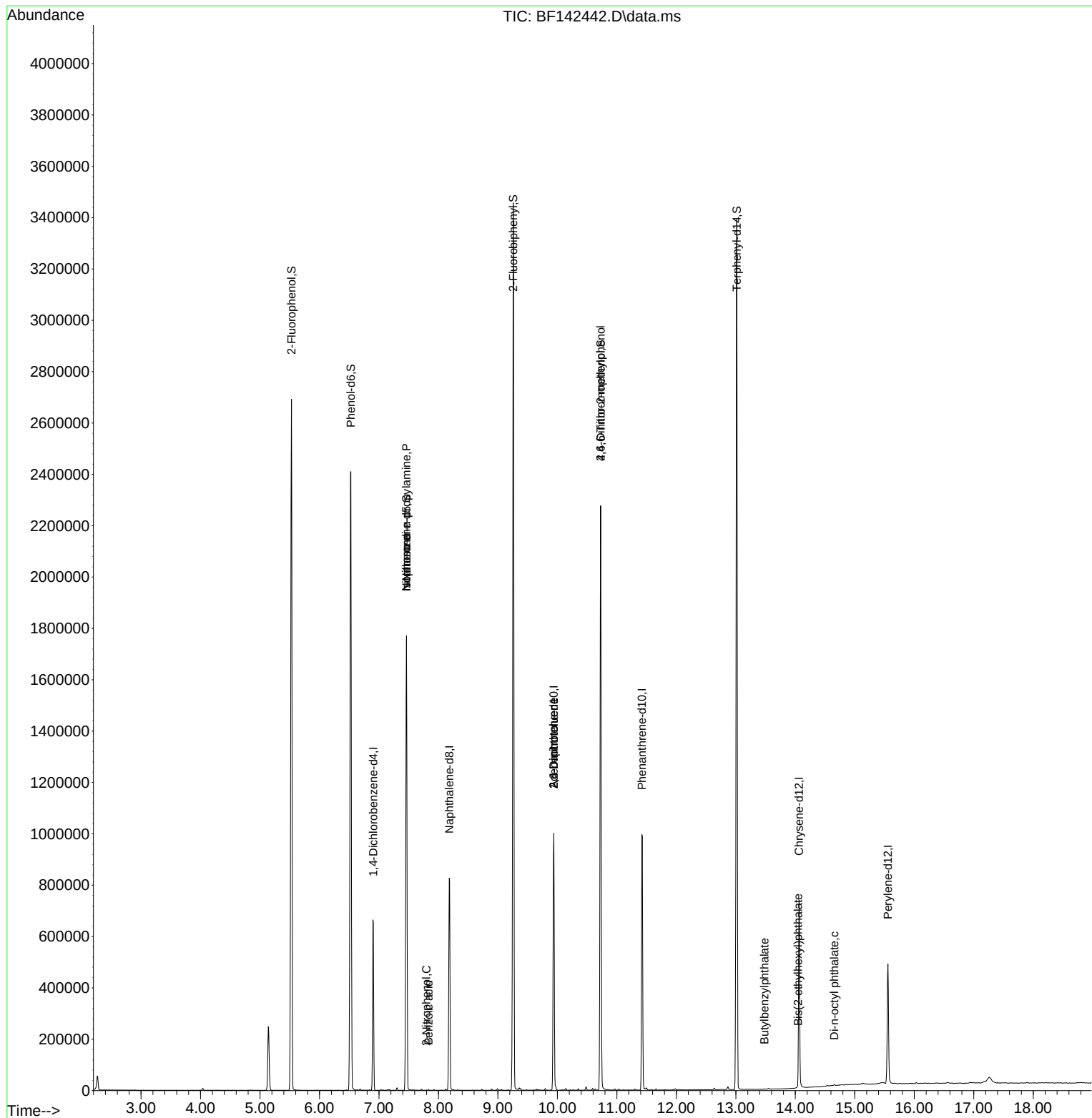
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	150098	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	566561	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	308083	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	540654	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	355225	20.000	ng	0.00
86) Perylene-d12	15.557	264	284185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1086971	123.622	ng	0.02
7) Phenol-d6	6.528	99	1303101	120.498	ng	0.00
23) Nitrobenzene-d5	7.463	82	810309	87.225	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	434689	146.139	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1658235	76.747	ng	0.00
79) Terphenyl-d14	13.016	244	1776122	74.005	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	108431	16.210	ng	# 75
25) Isophorone	7.463	82	802517	45.619	ng	# 62
26) 2-Nitrophenol	7.798	139	282	4.148	ng	# 66
32) Benzoic acid	7.834	122	797	6.187	ng	# 20
51) 2,6-Dinitrotoluene	9.939	165	39612	10.697	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	39612	8.340	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.727	198	770	7.445	ng	# 1
80) Butylbenzylphthalate	13.480	149	884	3.748	ng	# 87
84) Bis(2-ethylhexyl)phtha...	14.045	149	1243	4.331	ng	# 98
85) Di-n-octyl phthalate	14.657	149	2231	7.926	ng	# 86

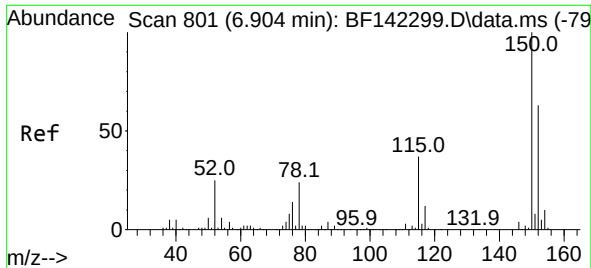
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
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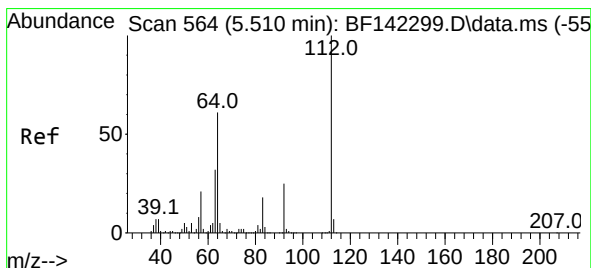
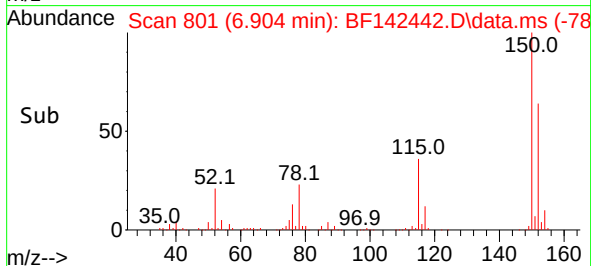
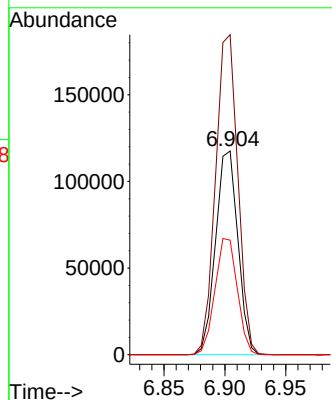
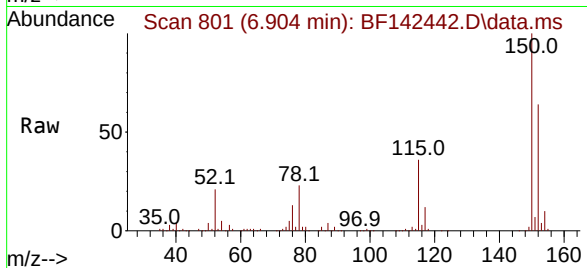




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142442.D
Acq: 19 May 2025 10:38

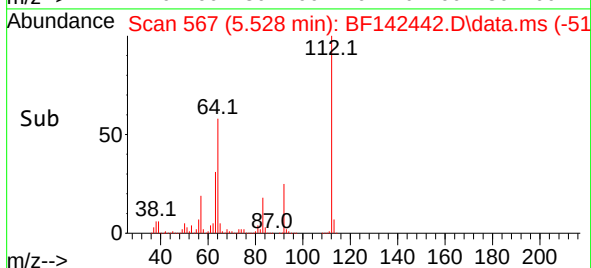
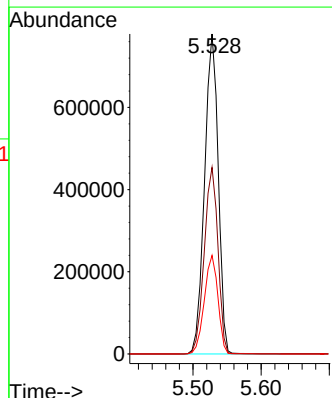
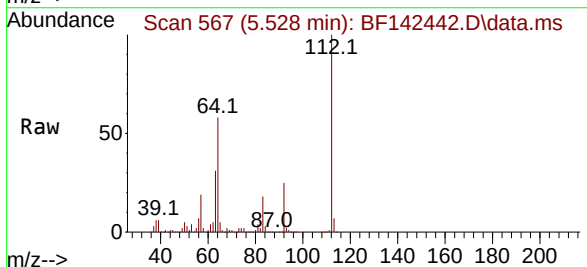
Instrument :
BNA_F
ClientSampleId :

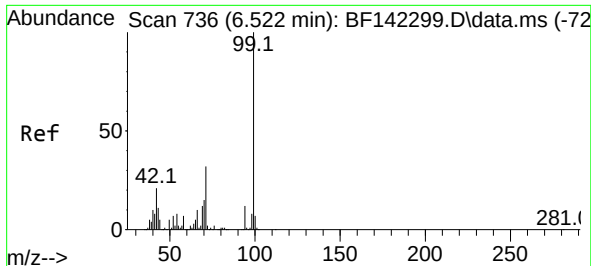
Tgt Ion:152 Resp: 150098
Ion Ratio Lower Upper
152 100
150 157.1 126.6 190.0
115 56.3 47.3 70.9



#5
2-Fluorophenol
Concen: 123.622 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF142442.D
Acq: 19 May 2025 10:38

Tgt Ion:112 Resp: 1086971
Ion Ratio Lower Upper
112 100
64 58.3 48.9 73.3
63 30.8 25.6 38.4

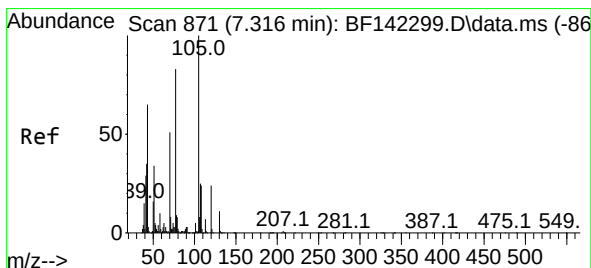
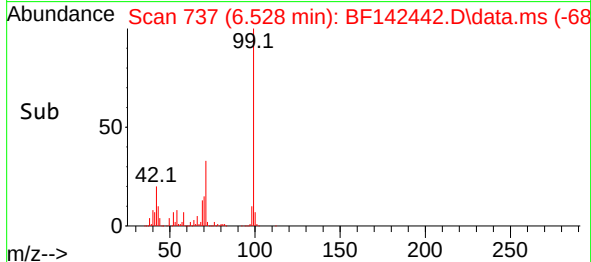
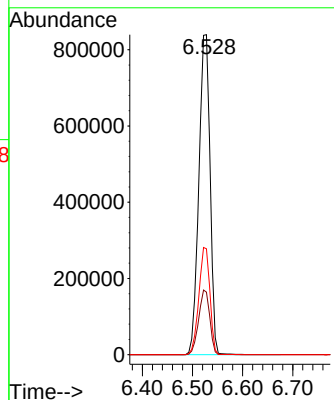
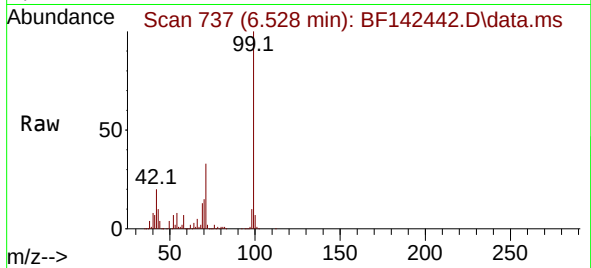




#7
Phenol-d6
Concen: 120.498 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF142442.D
Acq: 19 May 2025 10:38

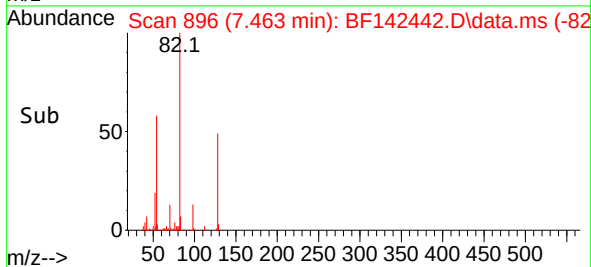
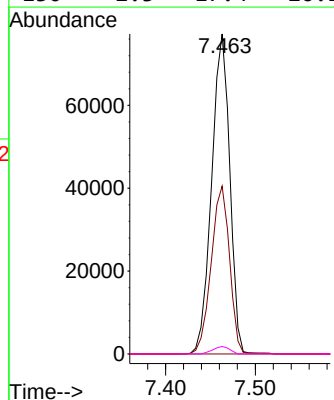
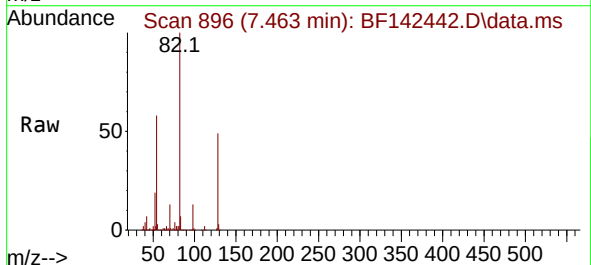
Instrument :
BNA_F
ClientSampleId :

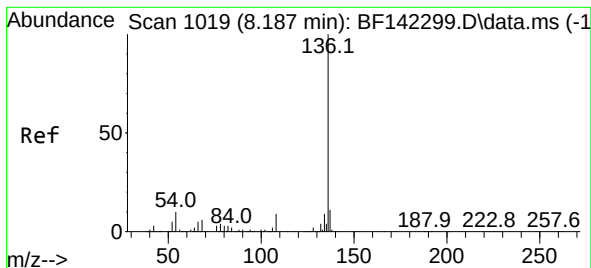
Tgt Ion: 99 Resp: 1303101
Ion Ratio Lower Upper
99 100
42 19.6 17.0 25.4
71 33.1 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.210 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.147 min
Lab File: BF142442.D
Acq: 19 May 2025 10:38

Tgt Ion: 70 Resp: 108431
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# 1

Delta R.T. -0.006 min

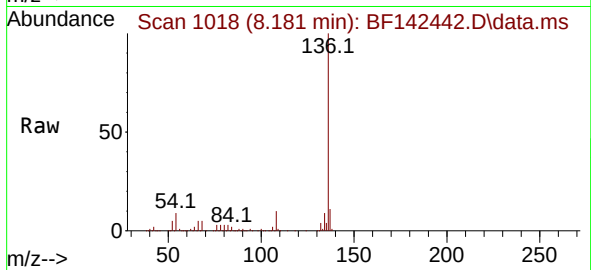
Lab File: BF142442.D

Acq: 19 May 2025 10:38

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 566561

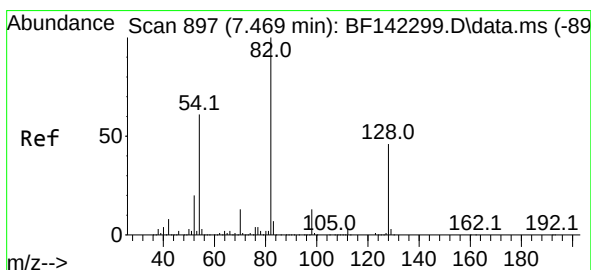
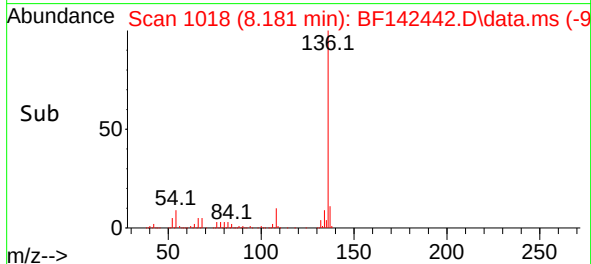
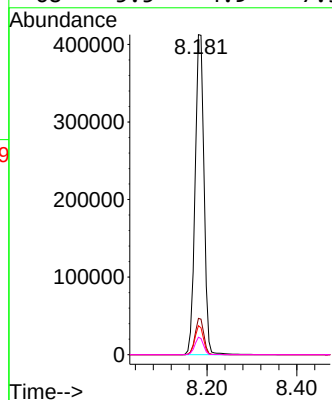
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.0 7.7 11.5

68 5.5 4.9 7.3



#23

Nitrobenzene-d5

Concen: 87.225 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF142442.D

Acq: 19 May 2025 10:38

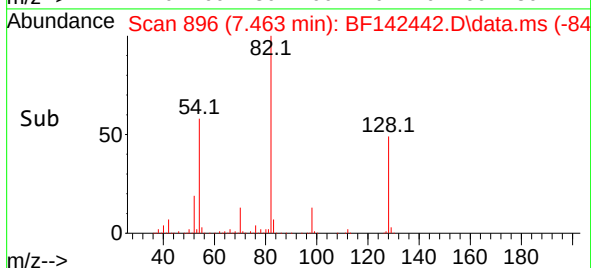
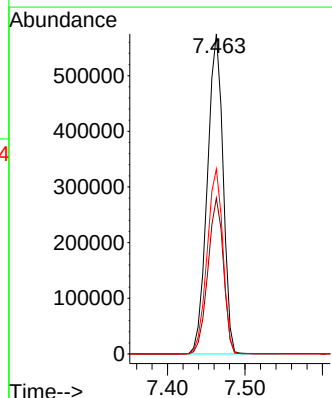
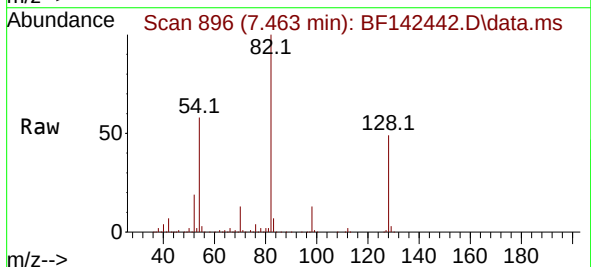
Tgt Ion: 82 Resp: 810309

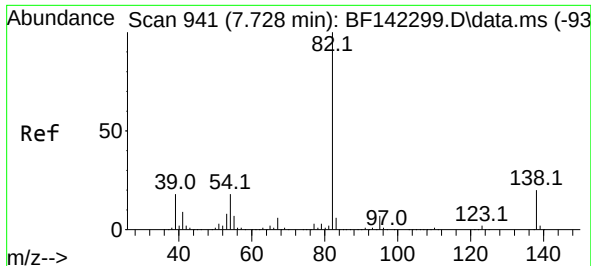
Ion Ratio Lower Upper

82 100

128 48.7 37.0 55.6

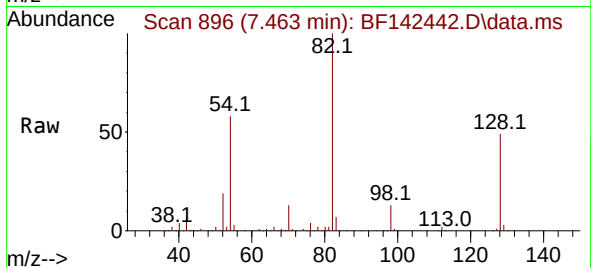
54 57.8 48.6 73.0



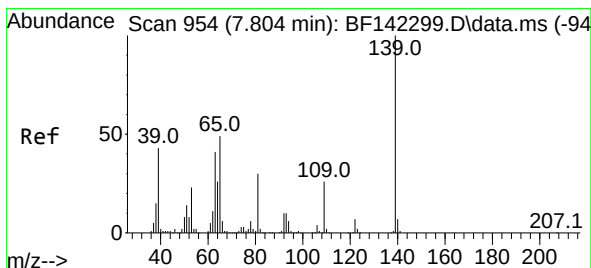
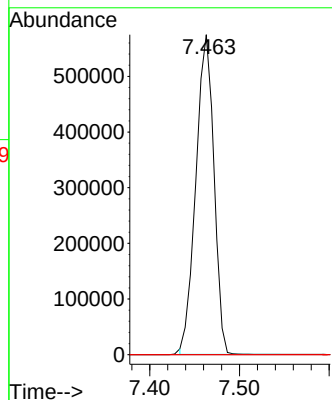
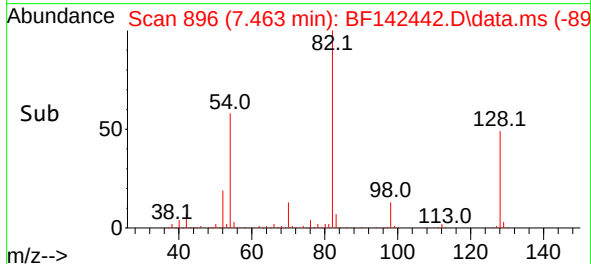


#25
Isophorone
Concen: 45.619 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142442.D
Acq: 19 May 2025 10:38

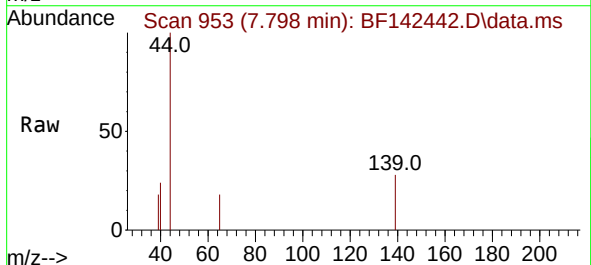
Instrument :
BNA_F
ClientSampleId :



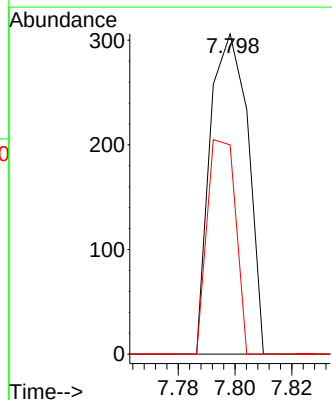
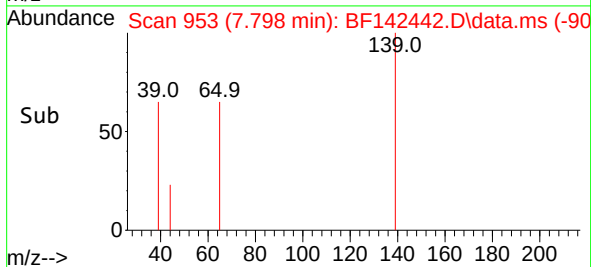
Tgt Ion: 82 Resp: 802517
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#

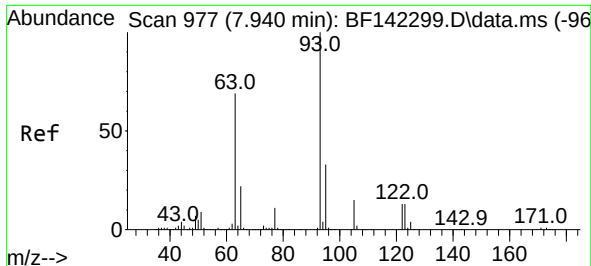


#26
2-Nitrophenol
Concen: 4.148 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142442.D
Acq: 19 May 2025 10:38



Tgt Ion: 139 Resp: 282
Ion Ratio Lower Upper
139 100
109 0.0 20.8 31.2#
65 65.4 38.9 58.3#

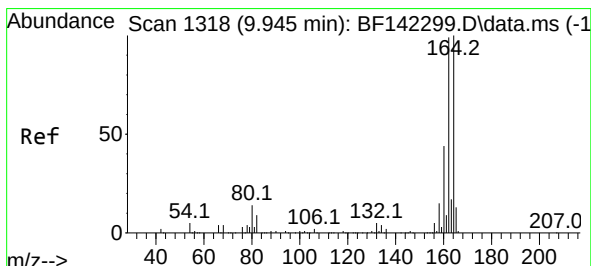
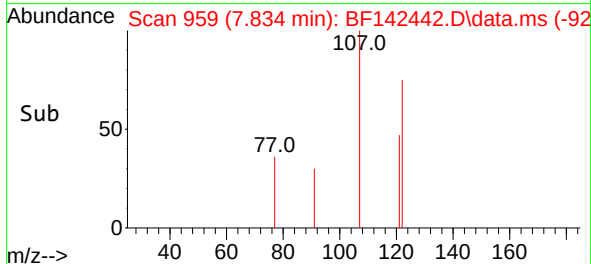
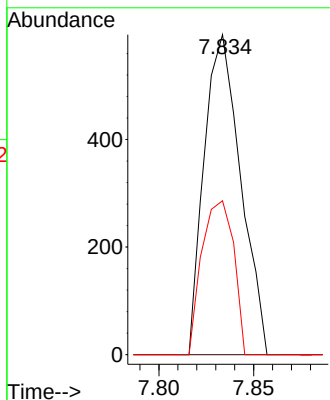
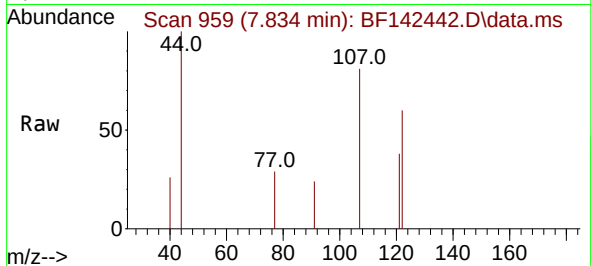




#32
Benzoic acid
Concen: 6.187 ng
RT: 7.834 min Scan# 91
Delta R.T. -0.106 min
Lab File: BF142442.D
Acq: 19 May 2025 10:38

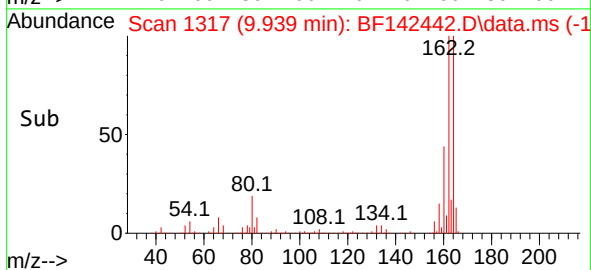
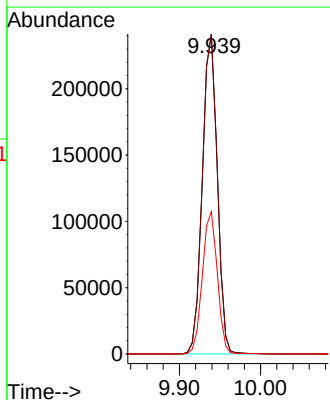
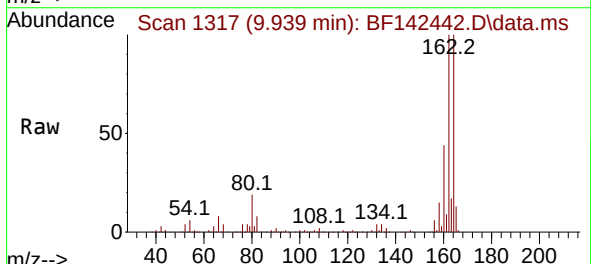
Instrument :
BNA_F
ClientSampleId :

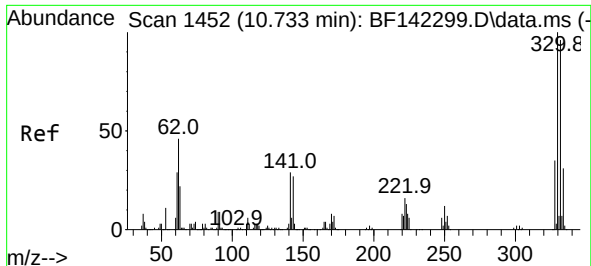
Tgt Ion:122 Resp: 797
Ion Ratio Lower Upper
122 100
105 0.0 97.9 137.9#
77 48.1 67.7 107.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142442.D
Acq: 19 May 2025 10:38

Tgt Ion:164 Resp: 308083
Ion Ratio Lower Upper
164 100
162 100.3 79.2 118.8
160 44.6 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 146.139 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.006 min

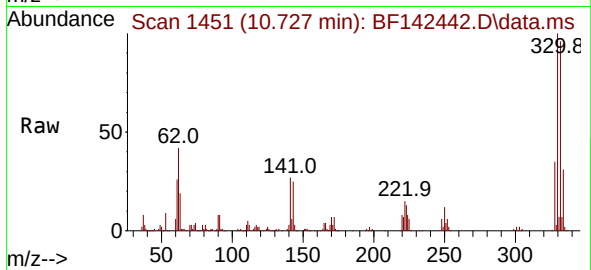
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Acq: 19 May 2025 10:38

Instrument :

BNA_F

ClientSampleId :



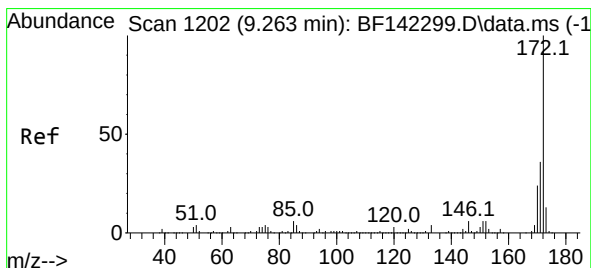
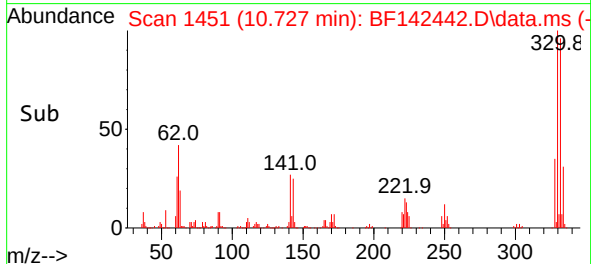
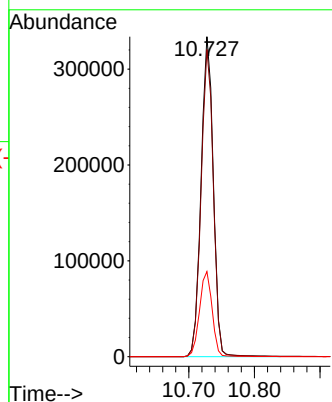
Tgt Ion:330 Resp: 434689

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

141 27.5 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 76.747 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142442.D

Acq: 19 May 2025 10:38

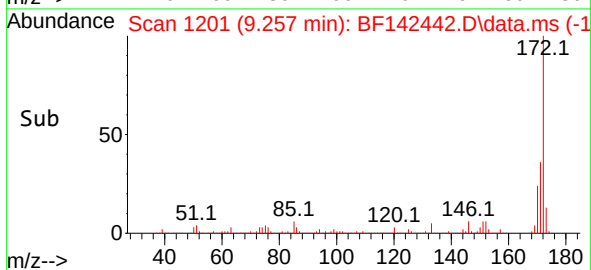
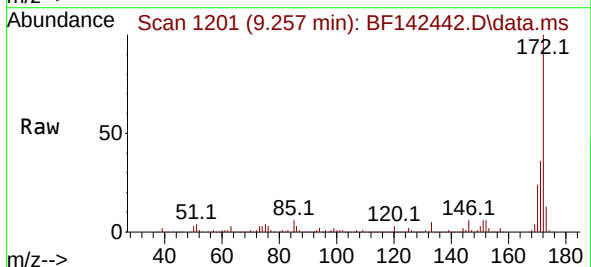
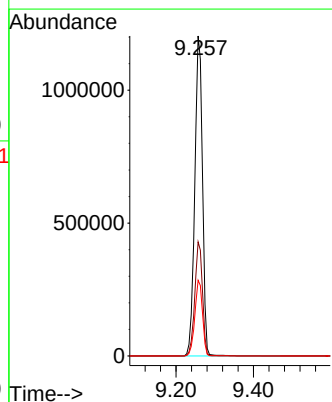
Tgt Ion:172 Resp: 1658235

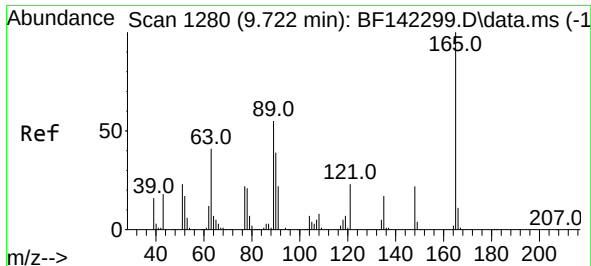
Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

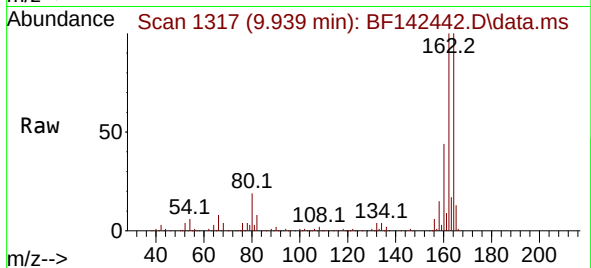
170 23.7 19.0 28.4



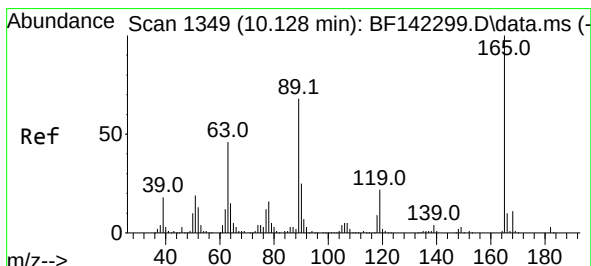
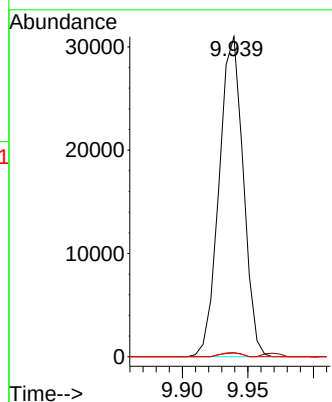
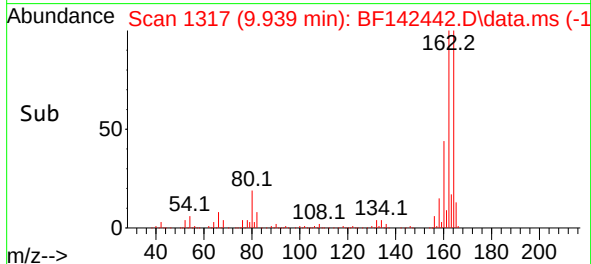


#51
2,6-Dinitrotoluene
Concen: 10.697 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.218 min
Lab File: BF142442.D
Acq: 19 May 2025 10:38

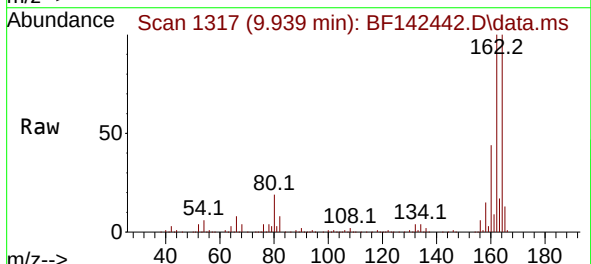
Instrument :
BNA_F
ClientSampleId :



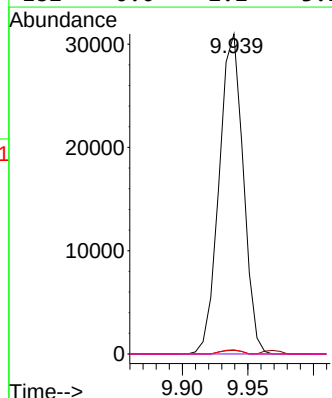
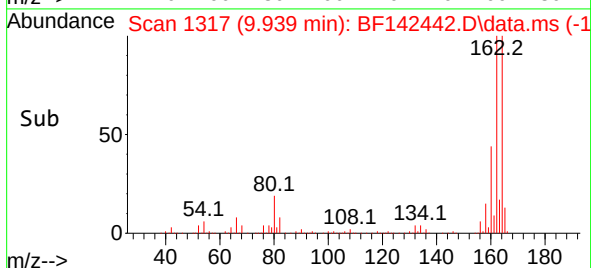
Tgt Ion:165 Resp: 39612
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.3 44.6 66.8#

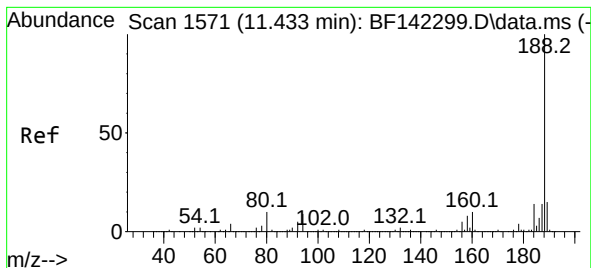


#57
2,4-Dinitrotoluene
Concen: 8.340 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.188 min
Lab File: BF142442.D
Acq: 19 May 2025 10:38



Tgt Ion:165 Resp: 39612
Ion Ratio Lower Upper
165 100
63 1.1 37.1 55.7#
89 1.3 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: BF142442.D

Acq: 19 May 2025 10:38

Instrument :

BNA_F

ClientSampleId :

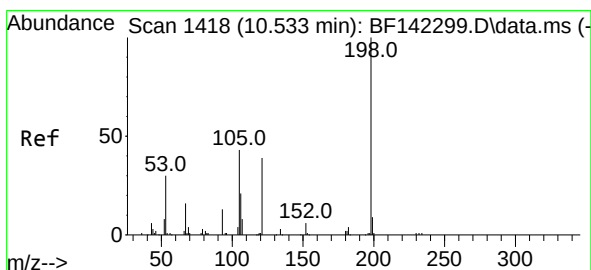
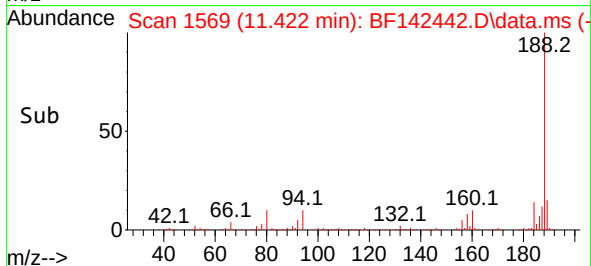
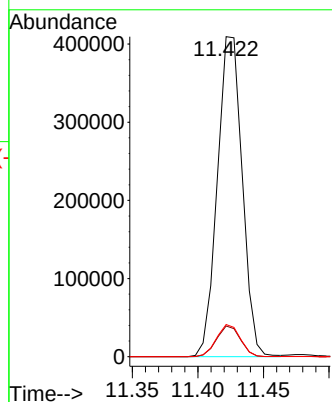
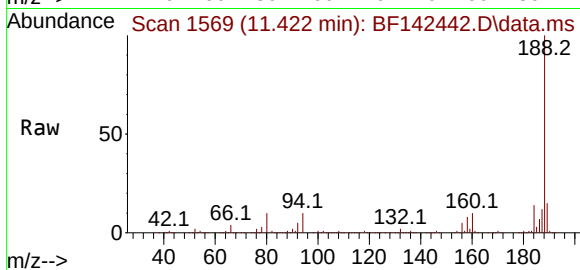
Tgt Ion:188 Resp: 540654

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

80 10.1 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 7.445 ng

RT: 10.727 min Scan# 1451

Delta R.T. 0.194 min

Lab File: BF142442.D

Acq: 19 May 2025 10:38

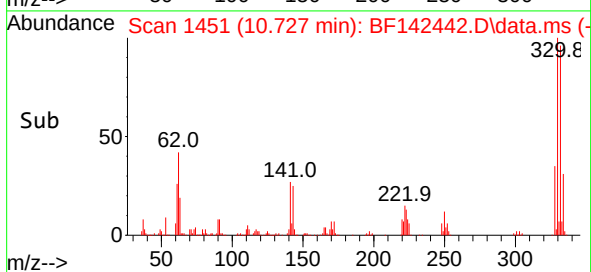
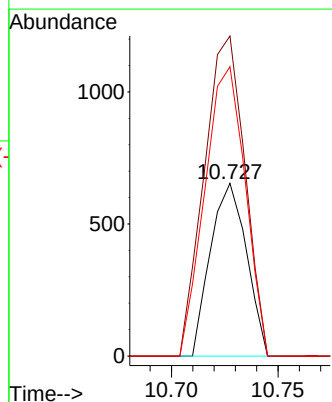
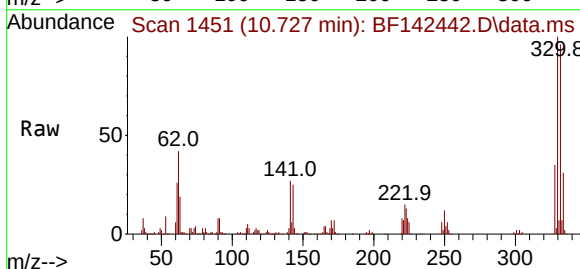
Tgt Ion:198 Resp: 770

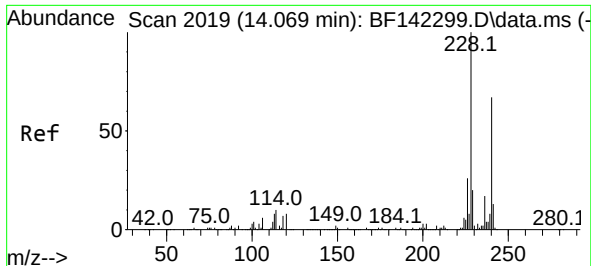
Ion Ratio Lower Upper

198 100

51 185.3 32.9 72.9#

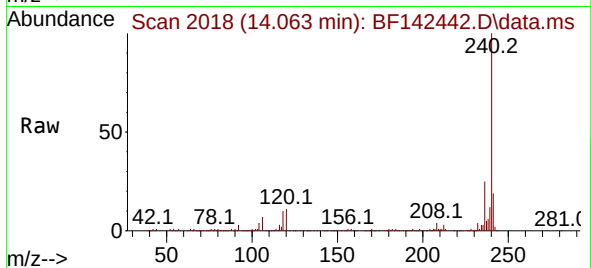
105 167.6 23.7 63.7#



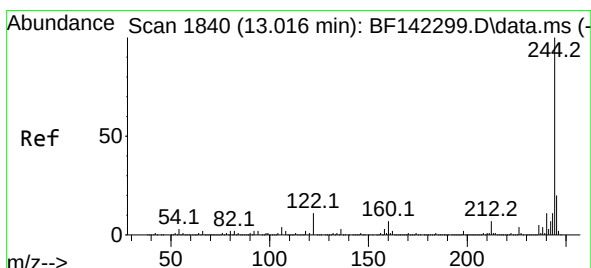
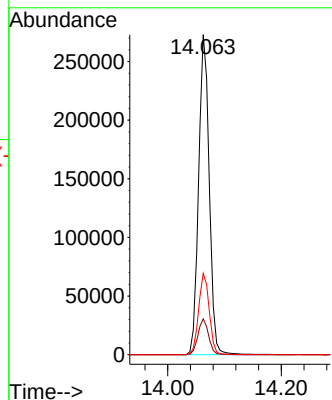
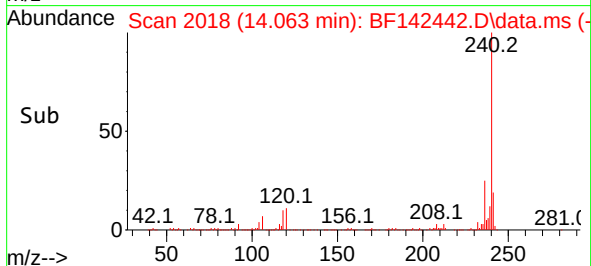


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142442.D
Acq: 19 May 2025 10:38

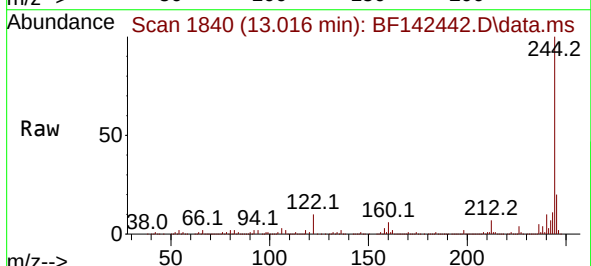
Instrument :
BNA_F
ClientSampleId :



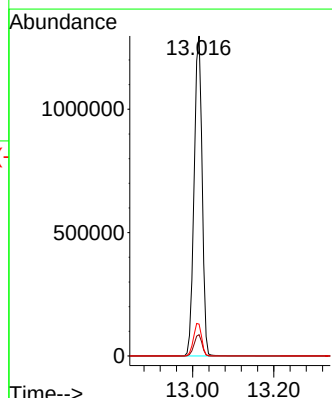
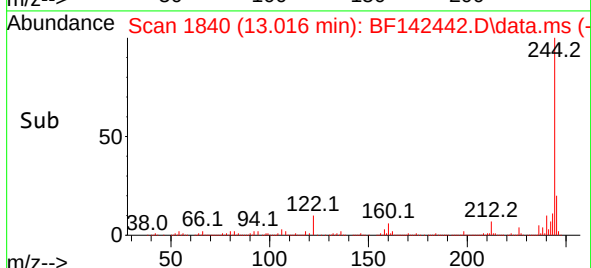
Tgt Ion:240 Resp: 355225
Ion Ratio Lower Upper
240 100
120 11.2 9.7 14.5
236 25.4 20.0 30.0

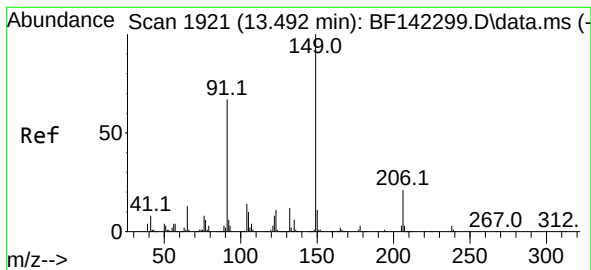


#79
Terphenyl-d14
Concen: 74.005 ng
RT: 13.016 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BF142442.D
Acq: 19 May 2025 10:38



Tgt Ion:244 Resp: 1776122
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 9.9 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.748 ng

RT: 13.480 min Scan# 1919

Delta R.T. -0.012 min

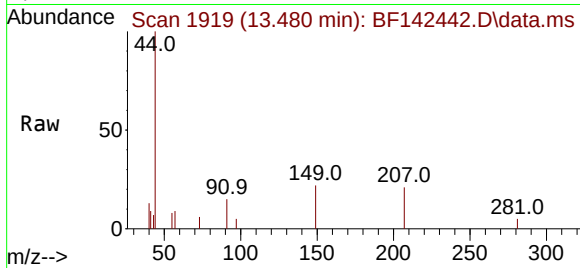
Lab File: BF142442.D

Acq: 19 May 2025 10:38

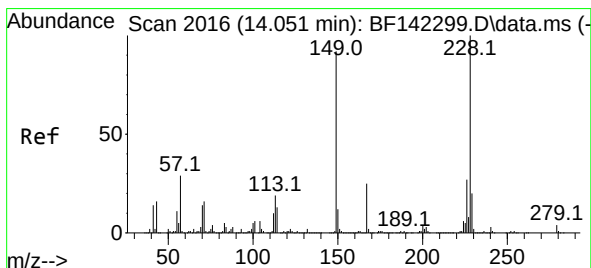
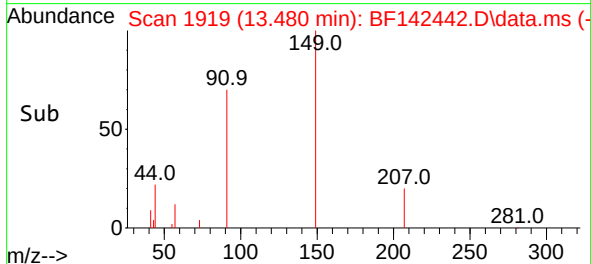
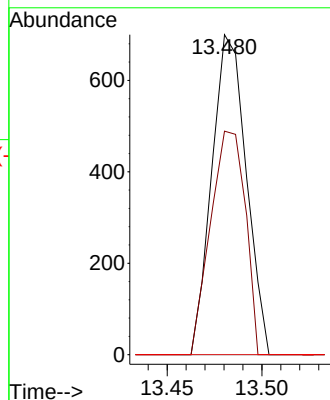
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	149	Resp:	884
Ion Ratio	100	Lower	Upper
149	100		
91	69.9	53.8	80.6
206	0.0	16.6	24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.331 ng

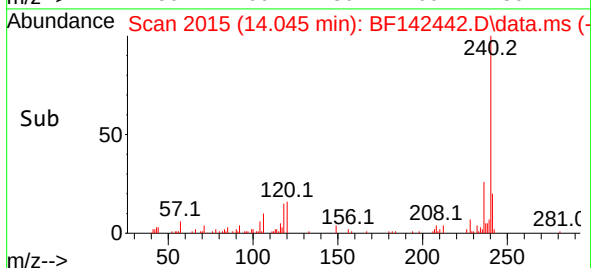
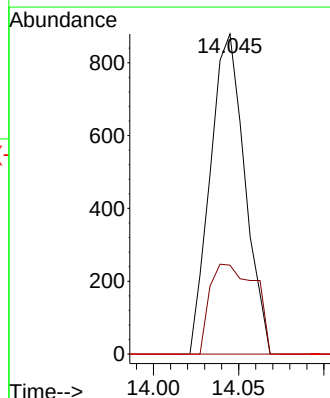
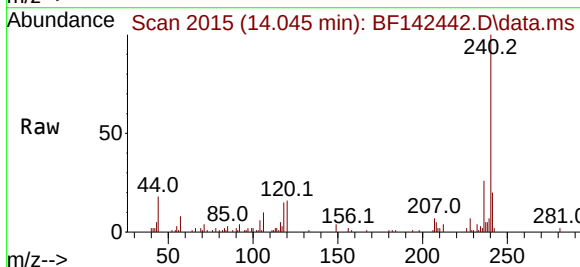
RT: 14.045 min Scan# 2015

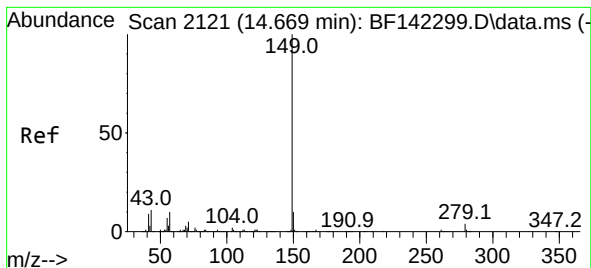
Delta R.T. -0.006 min

Lab File: BF142442.D

Acq: 19 May 2025 10:38

Tgt Ion:	149	Resp:	1243
Ion Ratio	100	Lower	Upper
149	100		
167	27.8	22.0	33.0
279	0.0	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 7.926 ng

RT: 14.657 min Scan# 2119

Delta R.T. -0.012 min

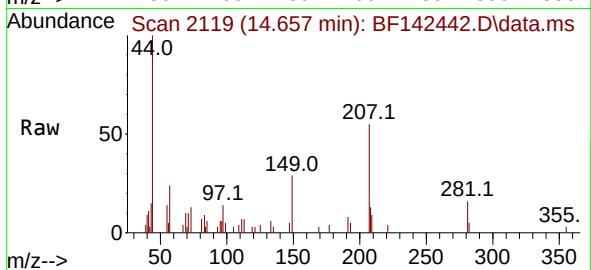
Lab File: BF142442.D

Acq: 19 May 2025 10:38

Instrument :

BNA_F

ClientSampleId :



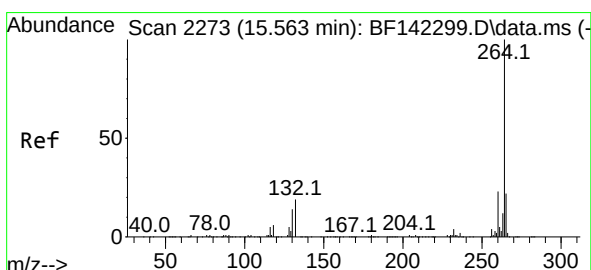
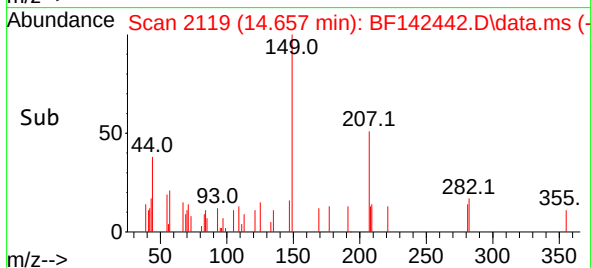
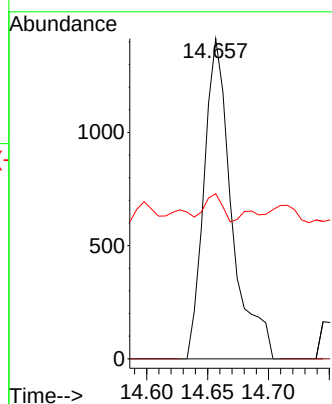
Tgt Ion:149 Resp: 2231

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

43 5.6 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: BF142442.D

Acq: 19 May 2025 10:38

Tgt Ion:264 Resp: 284185

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.0 17.5 26.3

