

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142259.D
 Acq On : 01 May 2025 14:37
 Operator : RC/JU
 Sample : Q1914-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB04282025

Quant Time: May 01 15:05:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

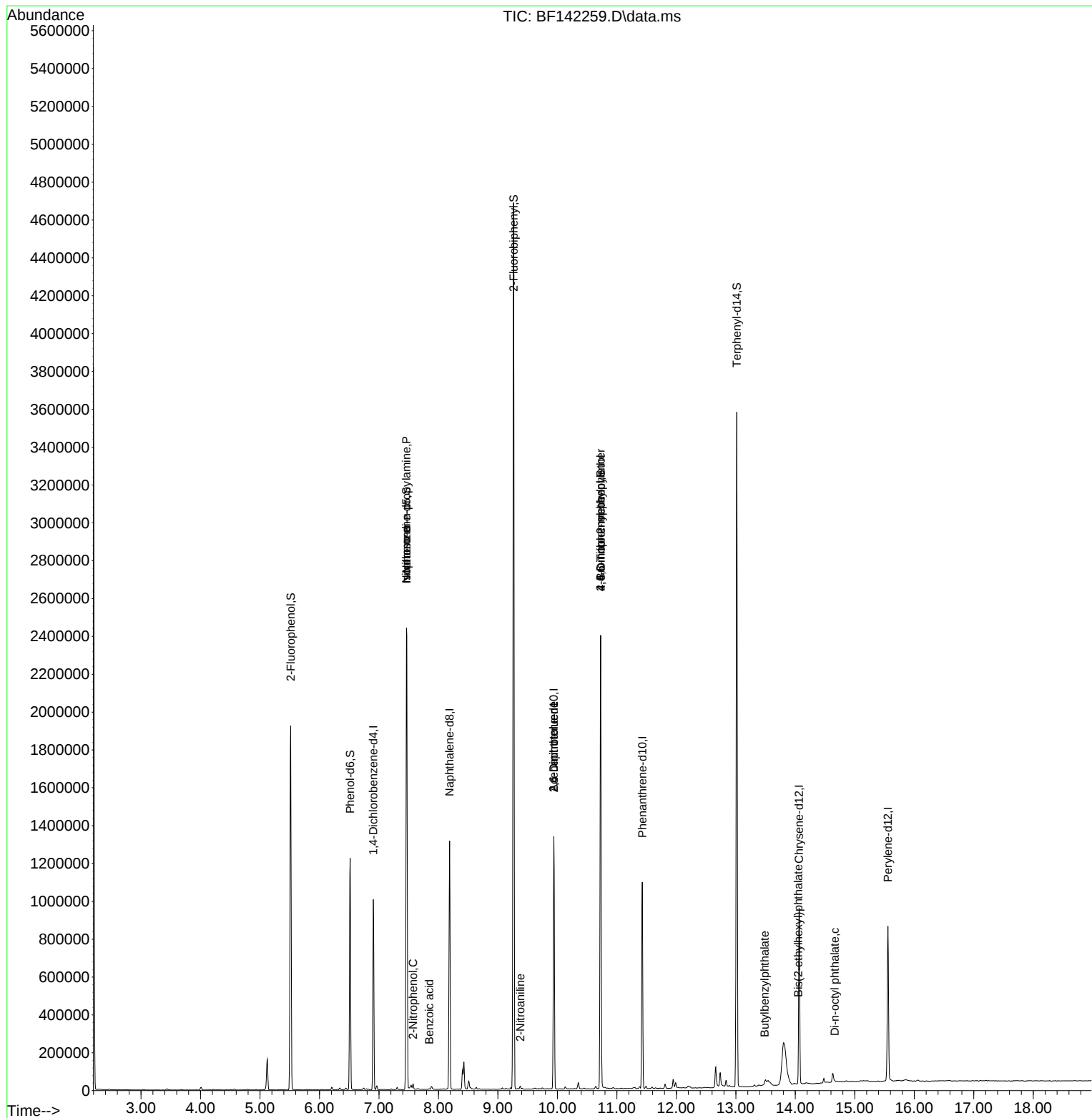
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	209525	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	791724	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	383707	20.000	ng	-0.01
64) Phenanthrene-d10	11.428	188	539331	20.000	ng	0.00
76) Chrysene-d12	14.063	240	446045	20.000	ng	-0.01
86) Perylene-d12	15.557	264	456057	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	708463	54.001	ng	0.00
7) Phenol-d6	6.516	99	533498	33.675	ng	-0.01
23) Nitrobenzene-d5	7.463	82	1064266	88.313	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	404329	115.588	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2059106	75.664	ng	0.00
79) Terphenyl-d14	13.016	244	1707731	55.684	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	143539	14.662	ng	# 81
25) Isophorone	7.463	82	1062935	42.027	ng	# 64
26) 2-Nitrophenol	7.575	139	801	5.100	ng	# 34
32) Benzoic acid	7.845	122	625	10.888	ng	# 84
48) 2-Nitroaniline	9.375	65	323	4.819	ng	# 3
51) 2,6-Dinitrotoluene	9.939	165	48938	13.547	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	48938	12.714	ng	# 23
65) 4,6-Dinitro-2-methylph...	10.728	198	837	10.978	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	24817	4.132	ng	# 1
80) Butylbenzylphthalate	13.486	149	517	3.759	ng	# 9
84) Bis(2-ethylhexyl)phtha...	14.051	149	4470	3.720	ng	# 96
85) Di-n-octyl phthalate	14.663	149	714	6.090	ng	# 73

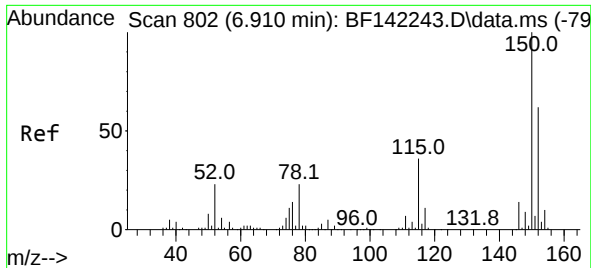
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 01 15:05:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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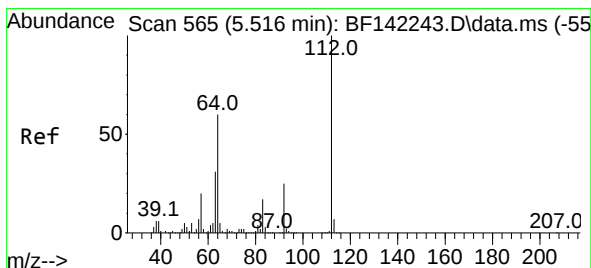
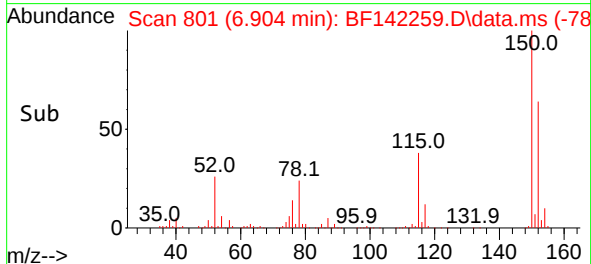
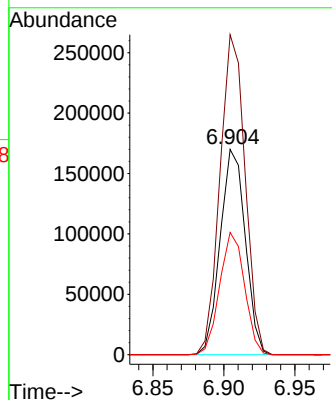
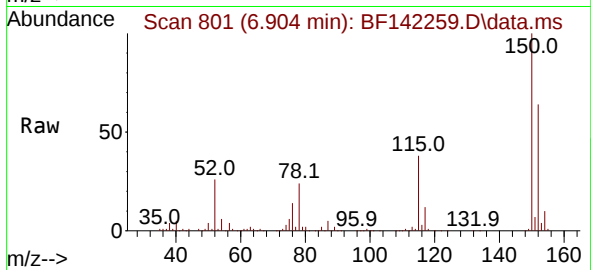




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. -0.006 min
 Lab File: BF142259.D
 Acq: 01 May 2025 14:37

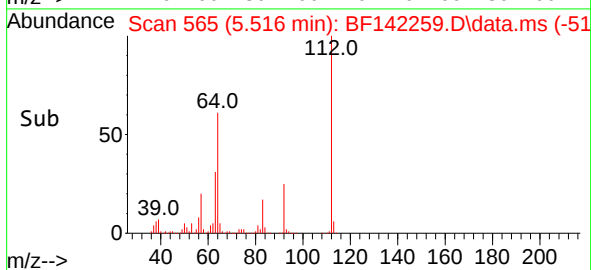
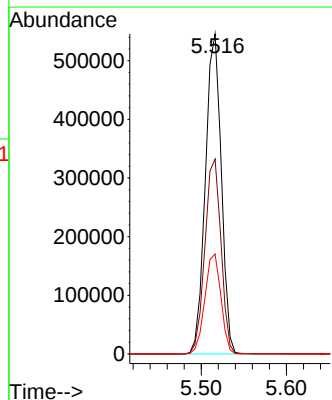
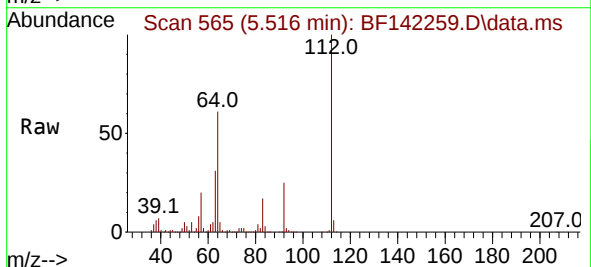
Instrument :
 BNA_F
 ClientSampleId :
 FB04282025

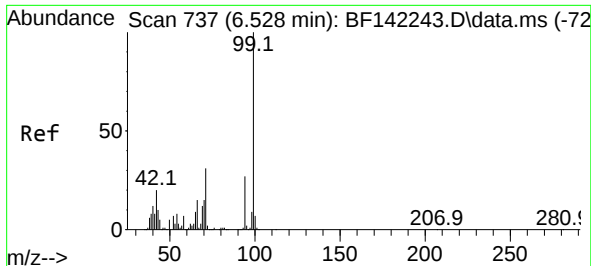
Tgt Ion:152 Resp: 209525
 Ion Ratio Lower Upper
 152 100
 150 155.8 130.2 195.2
 115 59.5 47.0 70.4



#5
 2-Fluorophenol
 Concen: 54.001 ng
 RT: 5.516 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: BF142259.D
 Acq: 01 May 2025 14:37

Tgt Ion:112 Resp: 708463
 Ion Ratio Lower Upper
 112 100
 64 60.9 48.4 72.6
 63 31.2 24.8 37.2

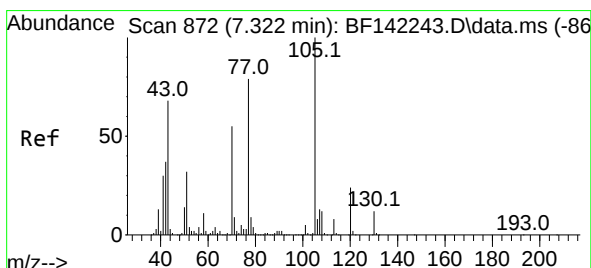
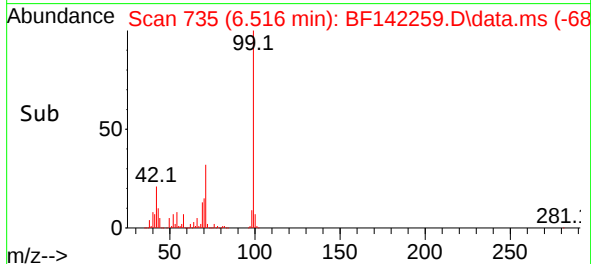
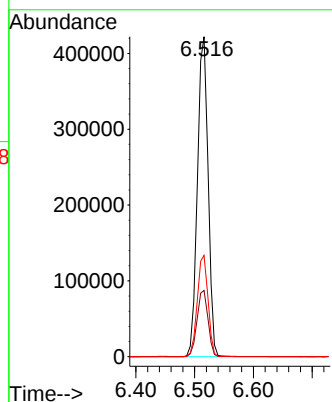
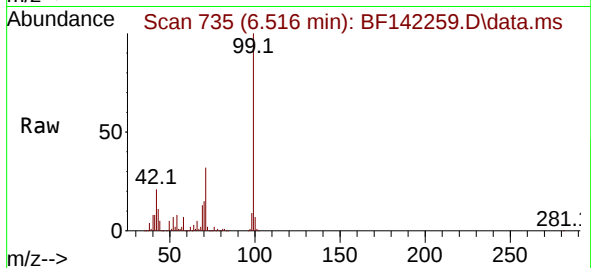




#7
Phenol-d6
Concen: 33.675 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

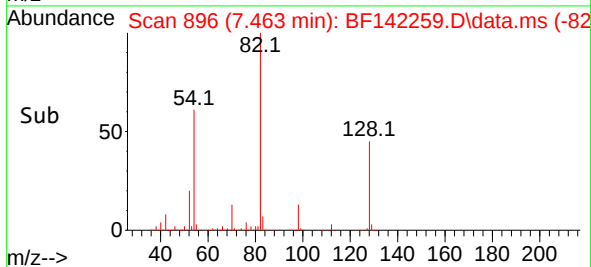
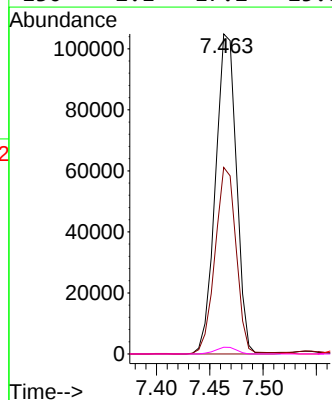
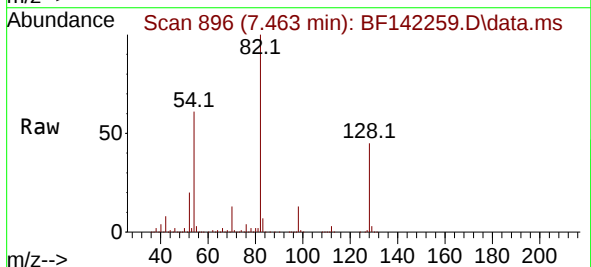
Instrument :
BNA_F
ClientSampleId :
FB04282025

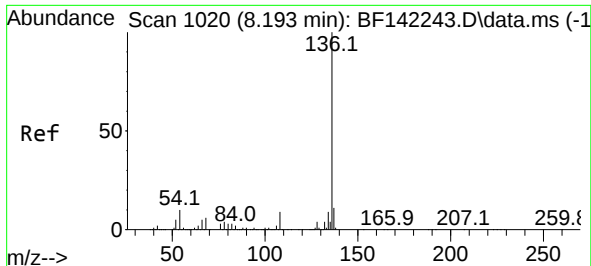
Tgt Ion: 99 Resp: 533498
Ion Ratio Lower Upper
99 100
42 20.7 16.3 24.5
71 31.7 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.662 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

Tgt Ion: 70 Resp: 143539
Ion Ratio Lower Upper
70 100
42 58.3 53.4 80.2
101 0.0 7.7 11.5#
130 2.1 17.2 25.8#

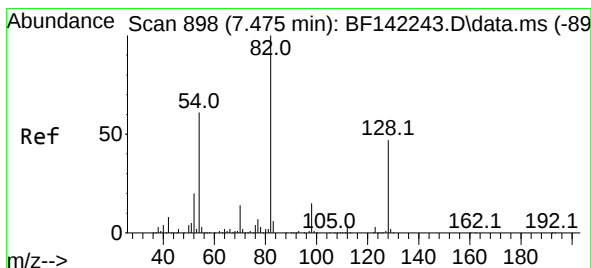
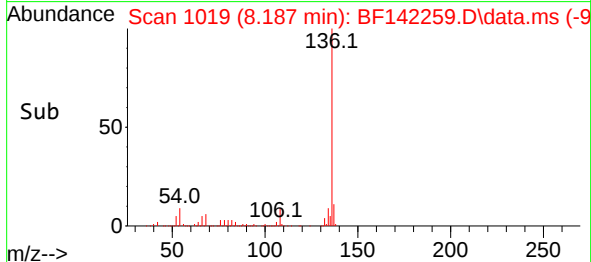
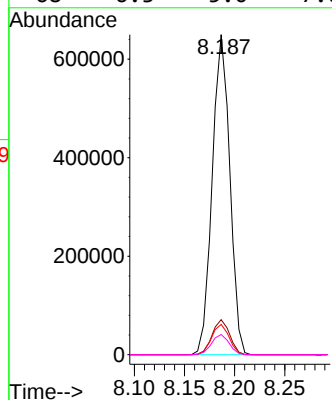
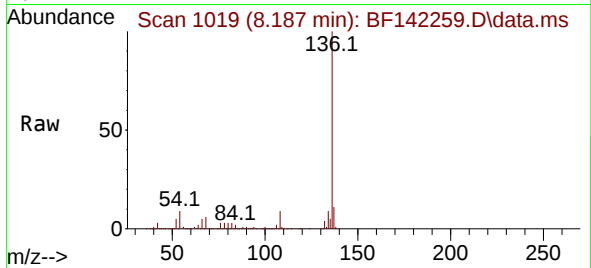




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

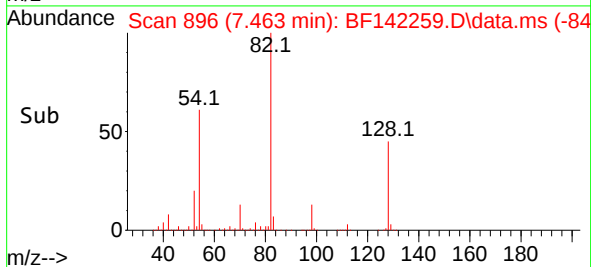
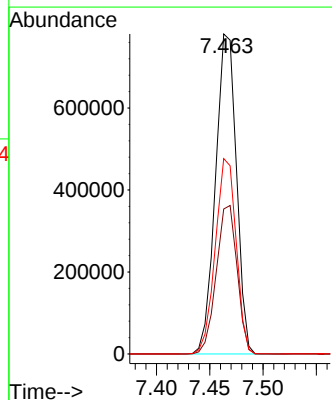
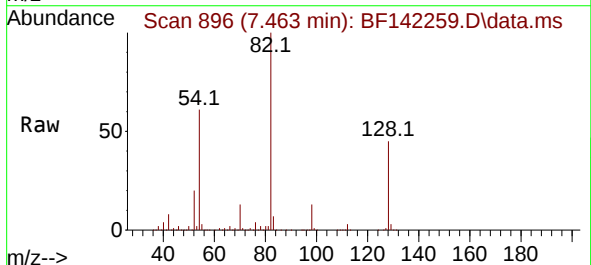
Instrument :
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ClientSampleId :
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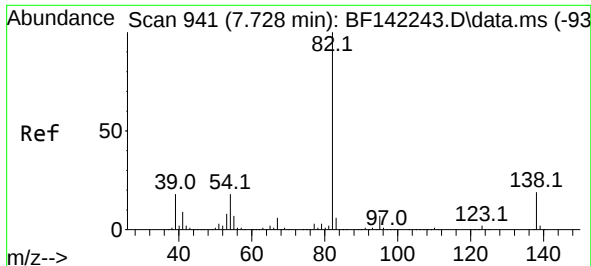
Tgt	Ion:136	Resp:	791724
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.5	7.7	11.5
68	6.3	5.0	7.6



#23
Nitrobenzene-d5
Concen: 88.313 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

Tgt Ion: 82		Resp: 1064266	
Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.0	55.6
54	61.1	48.0	72.0

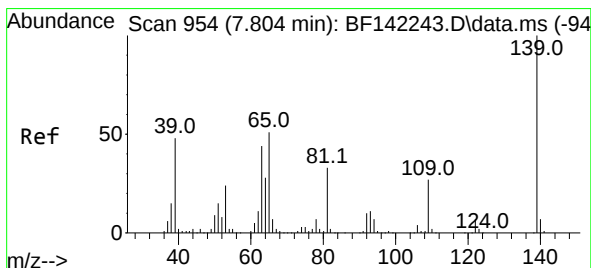
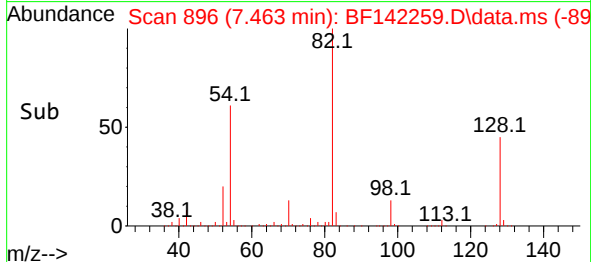
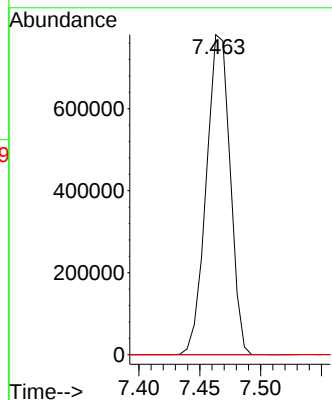
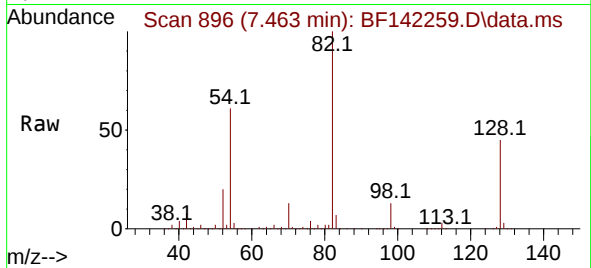




#25
Isophorone
Concen: 42.027 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

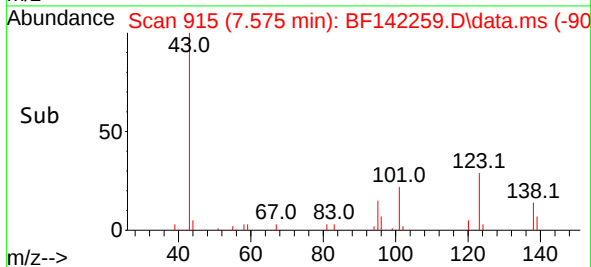
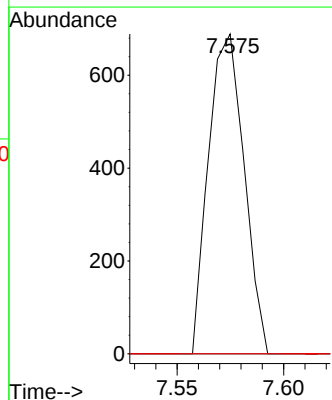
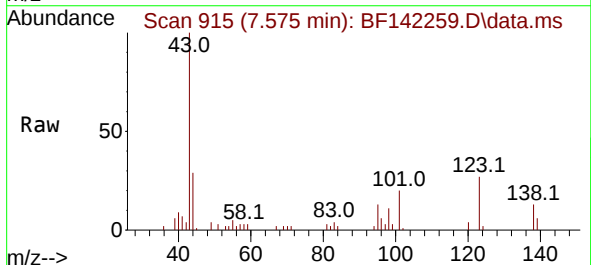
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ClientSampleId :
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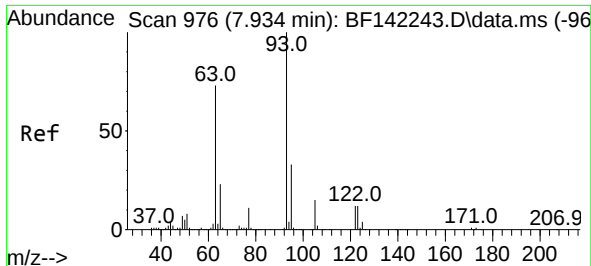
Tgt Ion: 82 Resp: 1062935
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.3 22.9#



#26
2-Nitrophenol
Concen: 5.100 ng
RT: 7.575 min Scan# 915
Delta R.T. -0.229 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

Tgt Ion:139 Resp: 801
Ion Ratio Lower Upper
139 100
109 0.0 21.8 32.8#
65 0.0 41.1 61.7#

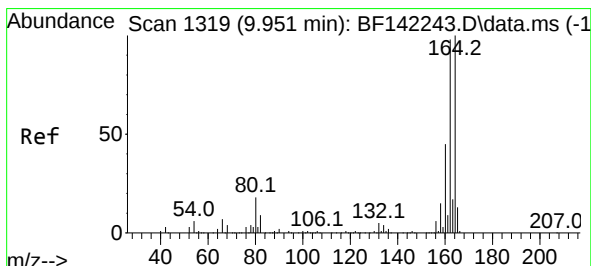
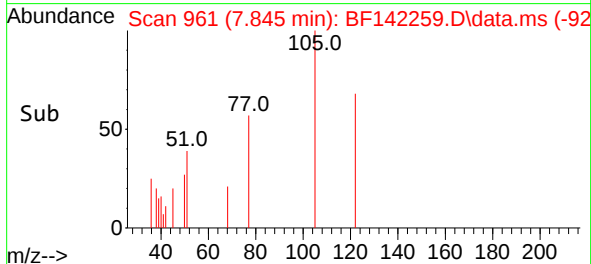
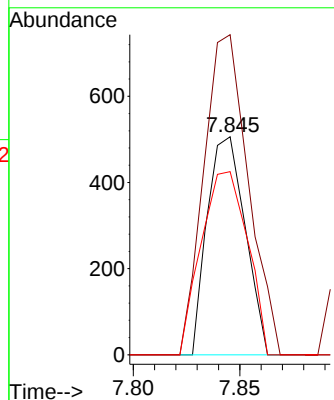
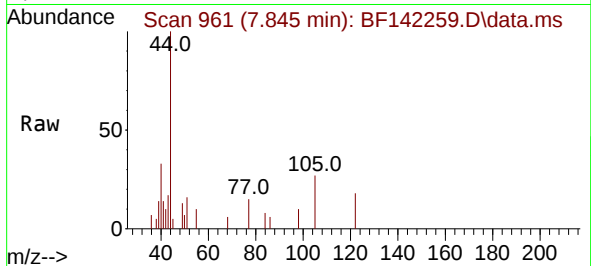




#32
Benzoic acid
Concen: 10.888 ng
RT: 7.845 min Scan# 91
Delta R.T. -0.089 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

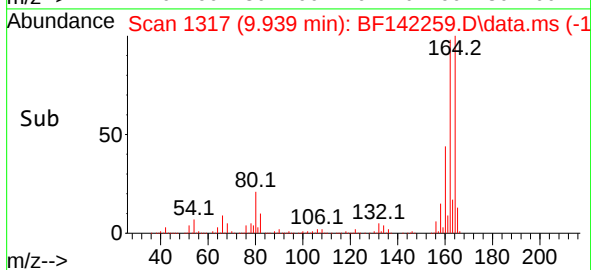
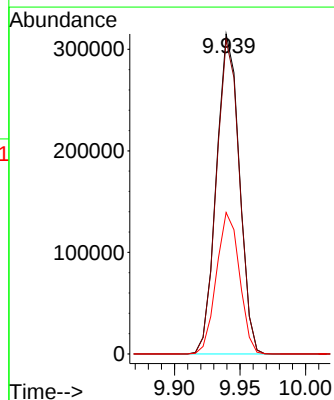
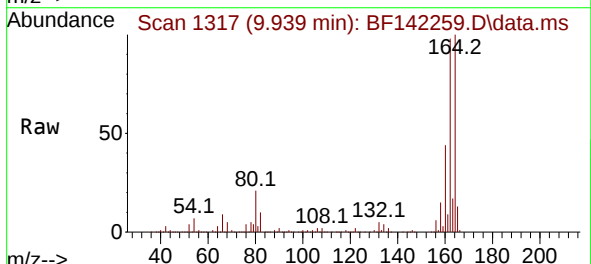
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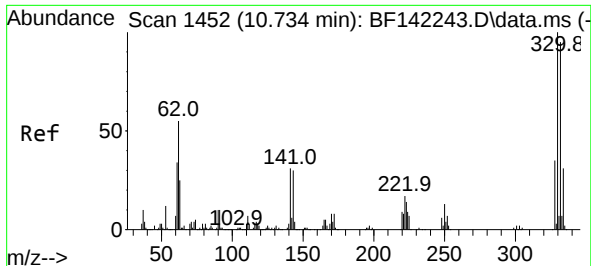
Tgt Ion:122 Resp: 625
Ion Ratio Lower Upper
122 100
105 146.8 98.2 138.2#
77 84.0 66.8 106.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.012 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

Tgt Ion:164 Resp: 383707
Ion Ratio Lower Upper
164 100
162 98.0 78.6 117.8
160 44.2 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 115.588 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142259.D

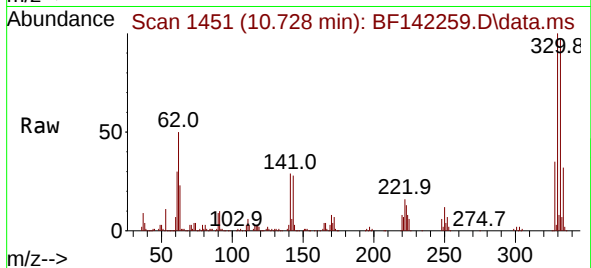
Acq: 01 May 2025 14:37

Instrument :

BNA_F

ClientSampleId :

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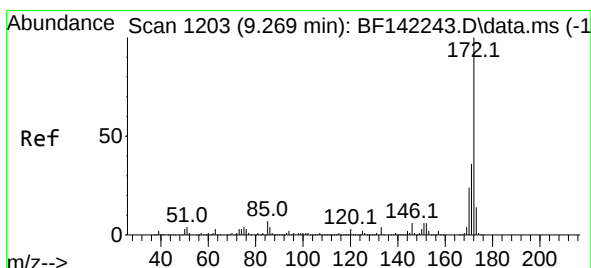
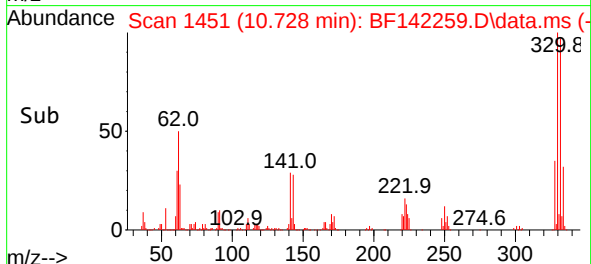
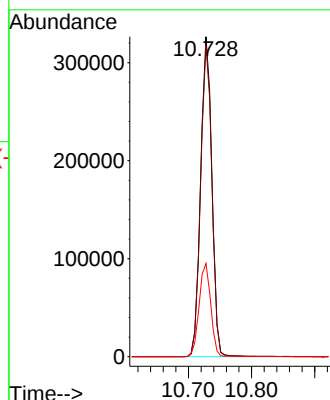
Tgt Ion:330 Resp: 404329

Ion Ratio Lower Upper

330 100

332 97.3 76.5 114.7

141 30.0 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 75.664 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142259.D

Acq: 01 May 2025 14:37

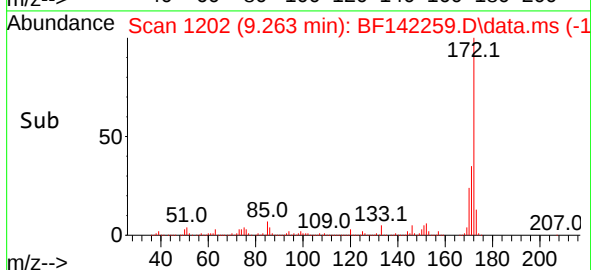
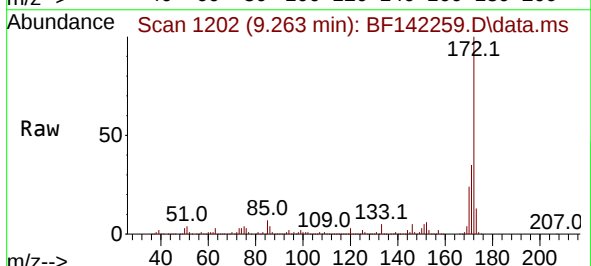
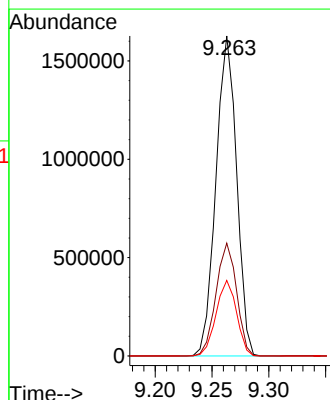
Tgt Ion:172 Resp: 2059106

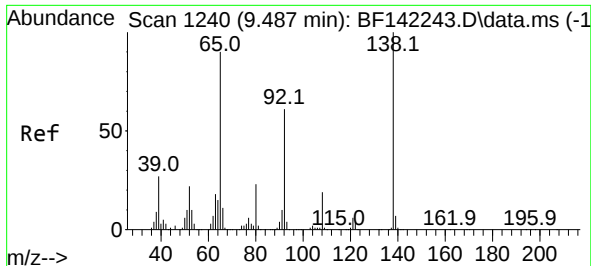
Ion Ratio Lower Upper

172 100

171 35.3 29.0 43.4

170 23.6 19.4 29.0

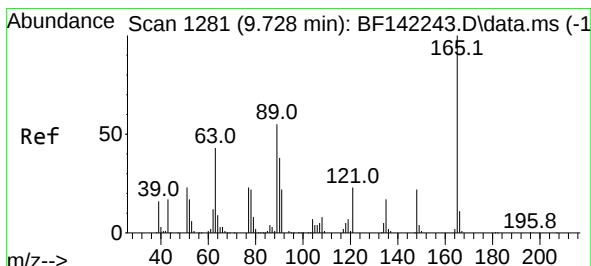
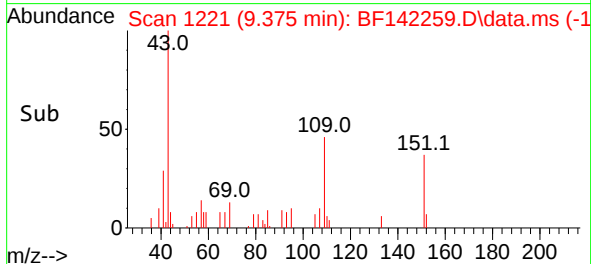
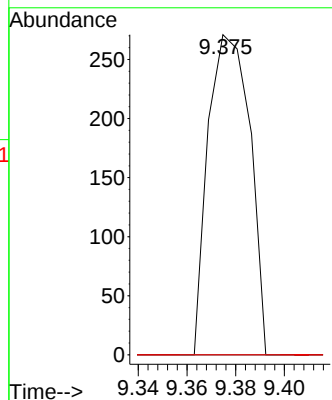
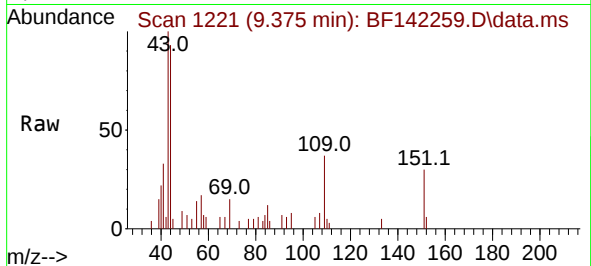




#48
2-Nitroaniline
Concen: 4.819 ng
RT: 9.375 min Scan# 11
Delta R.T. -0.112 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

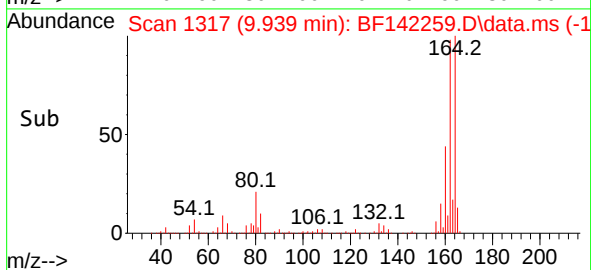
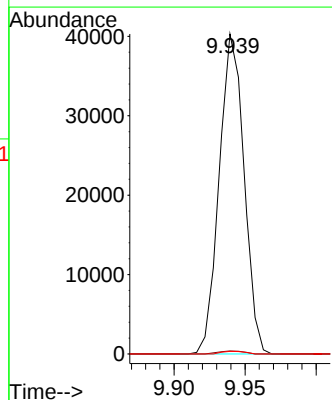
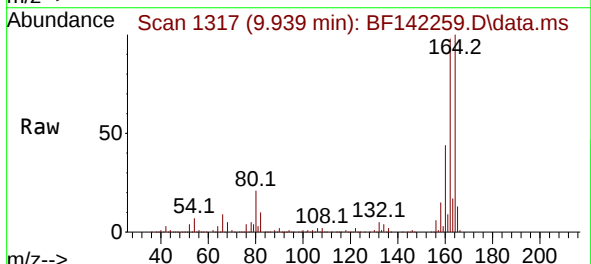
Instrument :
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ClientSampleId :
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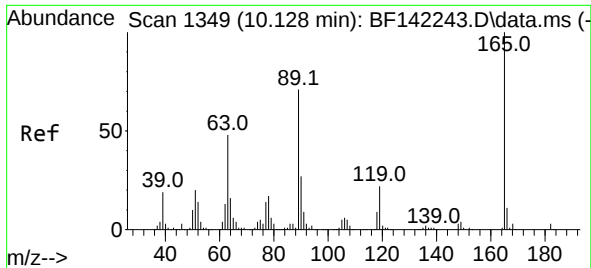
Tgt Ion: 65 Resp: 323
Ion Ratio Lower Upper
65 100
92 0.0 54.3 81.5#
138 0.0 88.6 133.0#



#51
2,6-Dinitrotoluene
Concen: 13.547 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.211 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

Tgt Ion:165 Resp: 48938
Ion Ratio Lower Upper
165 100
63 1.0 48.5 72.7#
89 0.8 43.9 65.9#

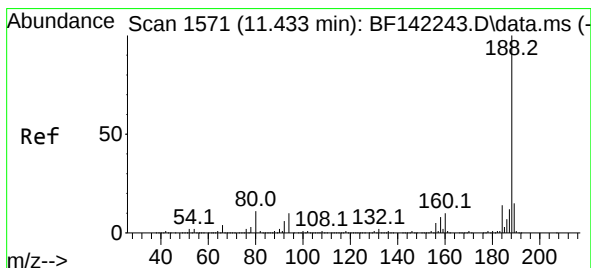
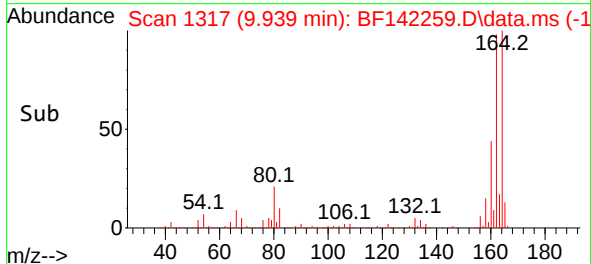
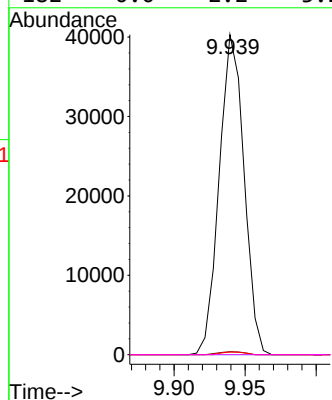
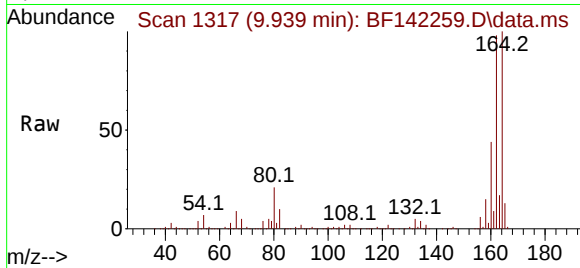




#57
2,4-Dinitrotoluene
Concen: 12.714 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

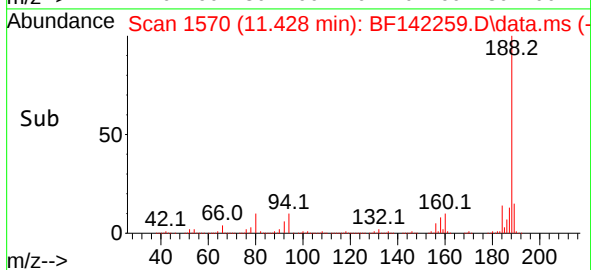
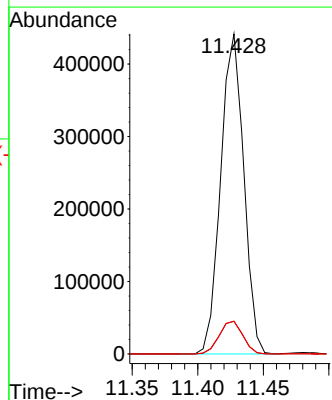
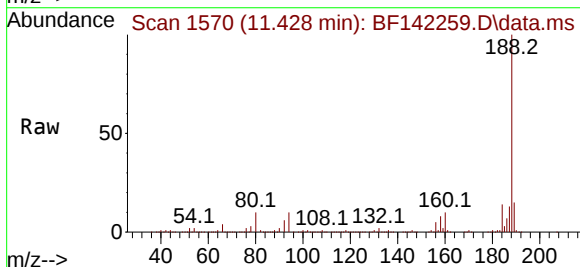
Instrument :
BNA_F
ClientSampleId :
FB04282025

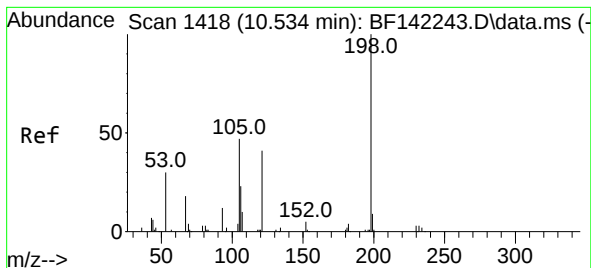
Tgt Ion:165 Resp: 48938
Ion Ratio Lower Upper
165 100
63 1.0 38.8 58.2#
89 0.8 57.1 85.7#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

Tgt Ion:188 Resp: 539331
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.2 8.6 12.8

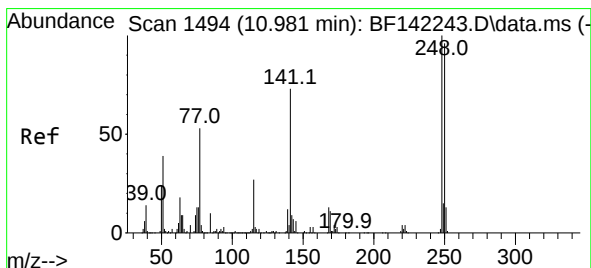
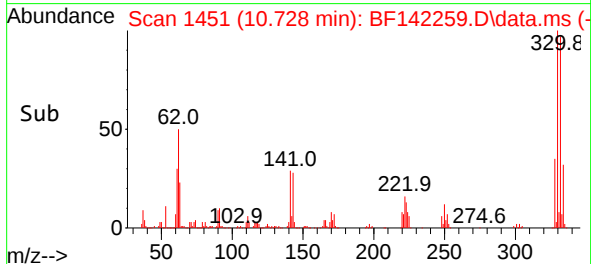
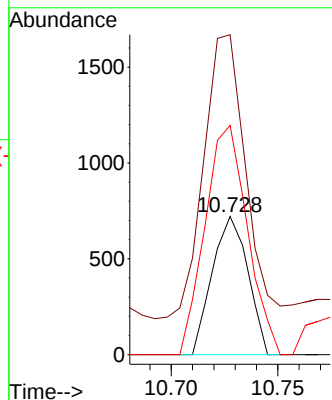
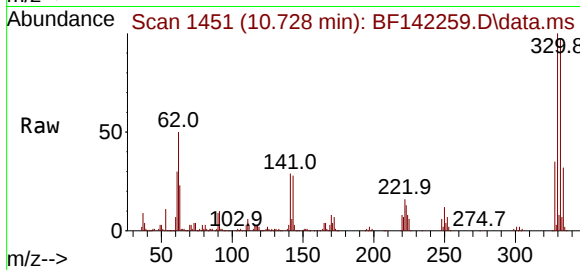




#65
4,6-Dinitro-2-methylphenol
Concen: 10.978 ng
RT: 10.728 min Scan# 1418
Delta R.T. 0.194 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

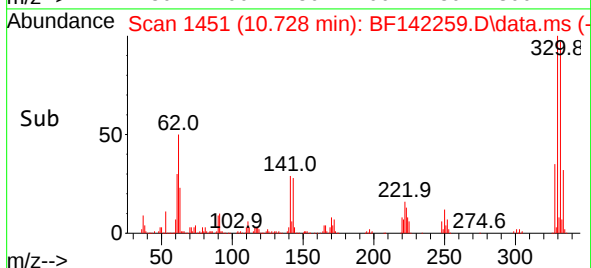
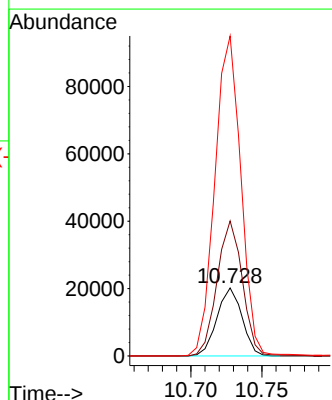
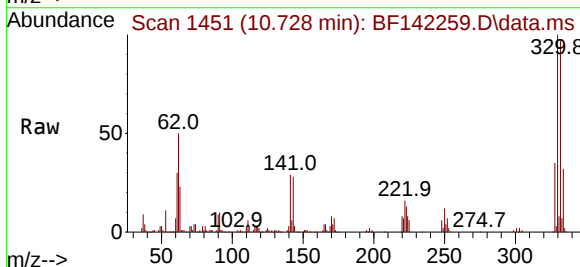
Instrument :
BNA_F
ClientSampleId :
FB04282025

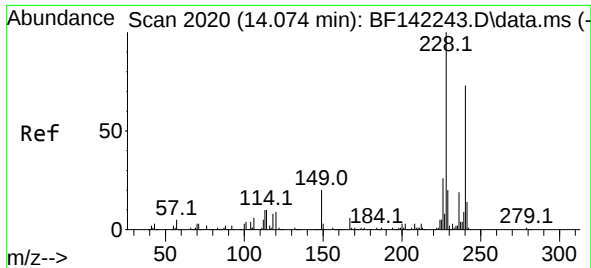
Tgt Ion:198 Resp: 837
Ion Ratio Lower Upper
198 100
51 231.5 40.6 80.6#
105 165.9 29.2 69.2#



#67
4-Bromophenyl-phenylether
Concen: 4.132 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.253 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

Tgt Ion:248 Resp: 24817
Ion Ratio Lower Upper
248 100
250 198.4 77.2 115.8#
141 470.1 58.4 87.6#

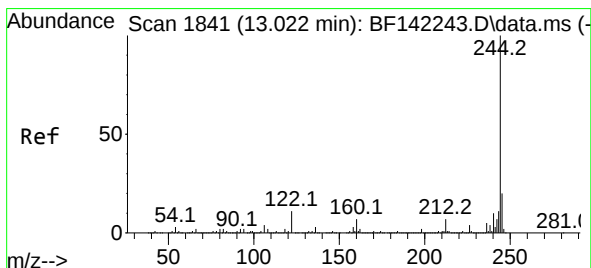
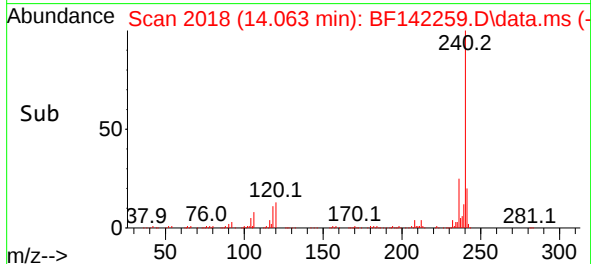
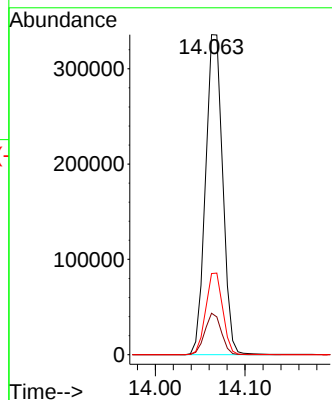
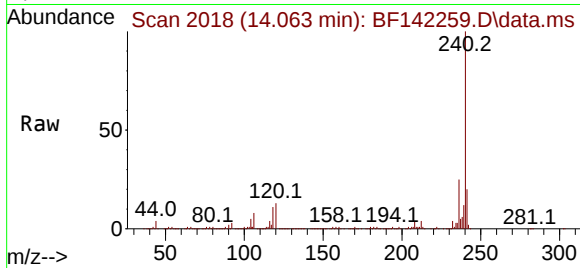




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

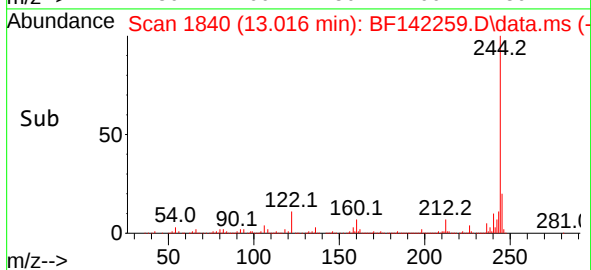
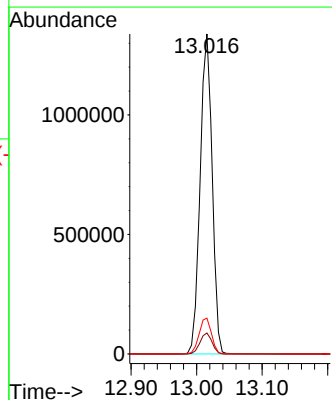
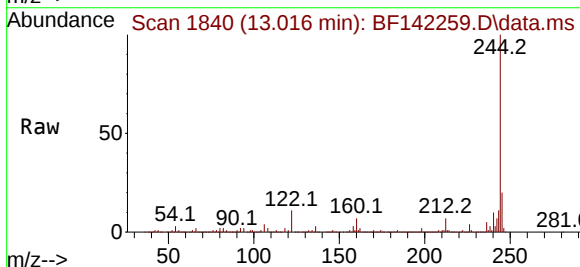
Instrument :
BNA_F
ClientSampleId :
FB04282025

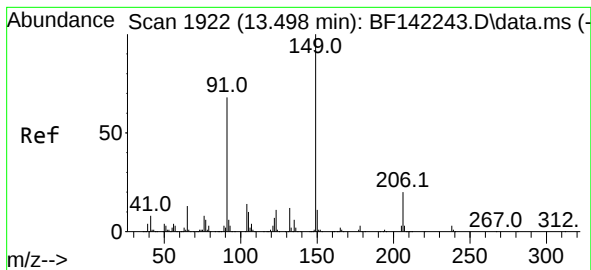
Tgt Ion:240 Resp: 446045
Ion Ratio Lower Upper
240 100
120 13.0 10.1 15.1
236 25.4 20.5 30.7



#79
Terphenyl-d14
Concen: 55.684 ng
RT: 13.016 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

Tgt Ion:244 Resp: 1707731
Ion Ratio Lower Upper
244 100
212 6.6 5.3 7.9
122 11.2 9.1 13.7





#80

Butylbenzylphthalate

Concen: 3.759 ng

RT: 13.486 min Scan# 1922

Delta R.T. -0.012 min

Lab File: BF142259.D

Acq: 01 May 2025 14:37

Instrument :

BNA_F

ClientSampleId :

FB04282025

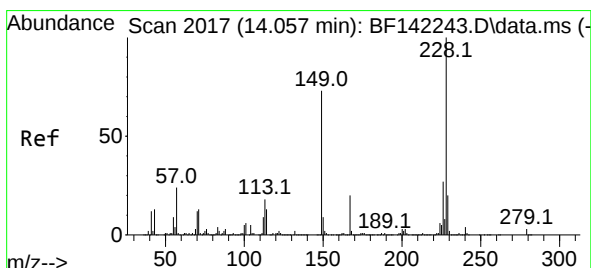
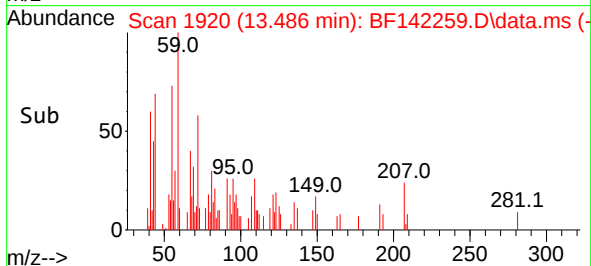
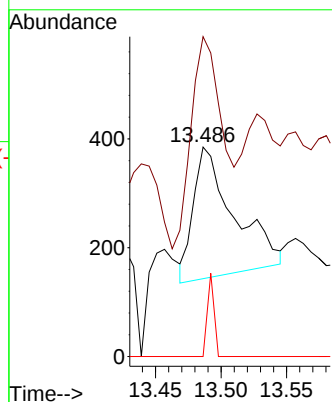
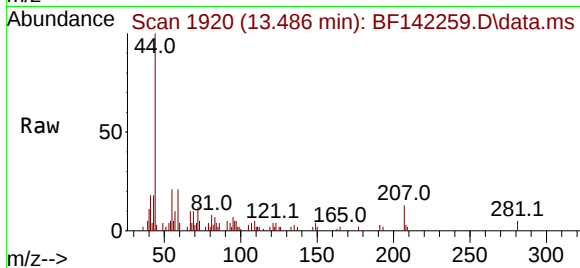
Tgt Ion:149 Resp: 517

Ion Ratio Lower Upper

149 100

91 152.7 54.4 81.6#

206 0.0 15.9 23.9#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.720 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142259.D

Acq: 01 May 2025 14:37

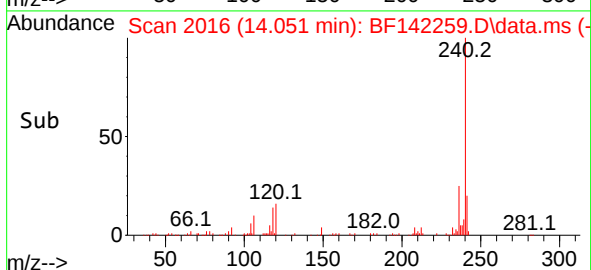
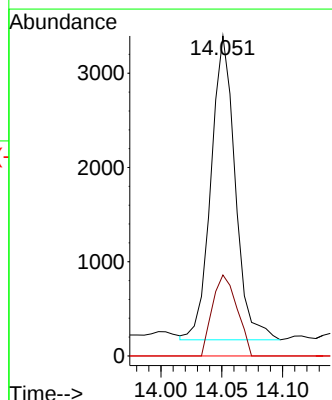
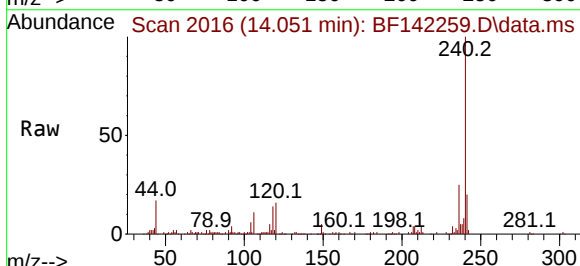
Tgt Ion:149 Resp: 4470

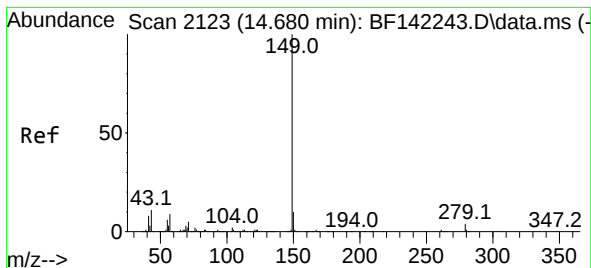
Ion Ratio Lower Upper

149 100

167 25.3 21.7 32.5

279 0.0 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 6.090 ng

RT: 14.663 min Scan# 2120

Delta R.T. -0.017 min

Lab File: BF142259.D

Acq: 01 May 2025 14:37

Instrument :

BNA_F

ClientSampleId :

FB04282025

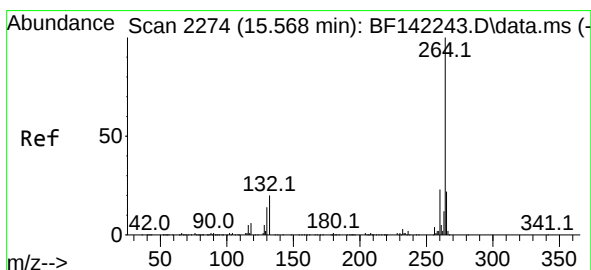
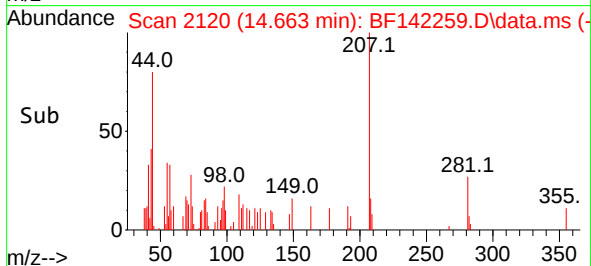
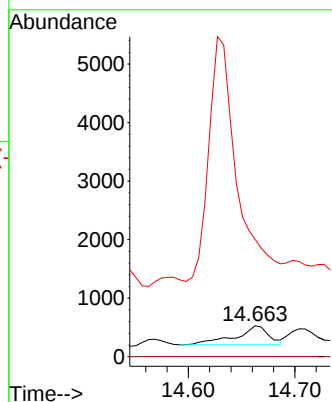
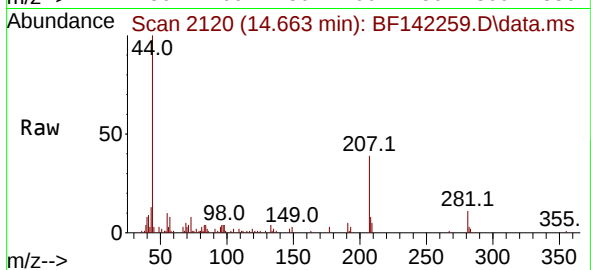
Tgt Ion:149 Resp: 714

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

43 0.0 9.3 13.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF142259.D

Acq: 01 May 2025 14:37

Tgt Ion:264 Resp: 456057

Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 21.7 17.3 25.9

