

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142263.D
 Acq On : 01 May 2025 16:31
 Operator : RC/JU
 Sample : Q1903-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

Quant Time: May 01 18:06:32 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)

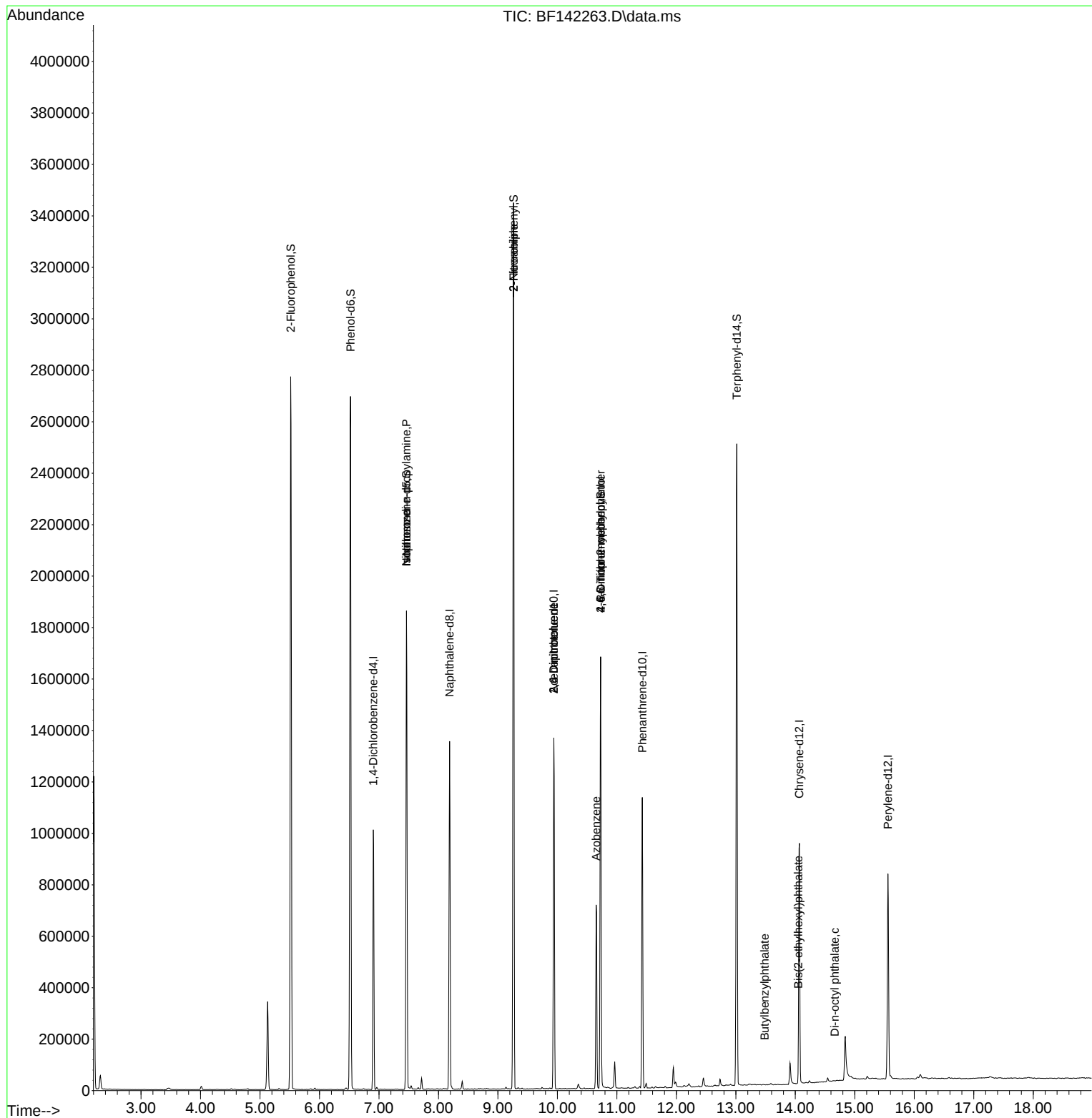
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	213887	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	812832	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	392078	20.000	ng	-0.01
64) Phenanthrene-d10	11.428	188	556035	20.000	ng	0.00
76) Chrysene-d12	14.069	240	454222	20.000	ng	0.00
86) Perylene-d12	15.557	264	451548	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1058130	79.009	ng	0.00
7) Phenol-d6	6.522	99	1296508	80.168	ng	0.00
23) Nitrobenzene-d5	7.463	82	759292	61.370	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	269885	75.506	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1499337	53.918	ng	0.00
79) Terphenyl-d14	13.016	244	1194642	38.252	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	102201	10.227	ng	# 81
25) Isophorone	7.463	82	757919	29.189	ng	# 64
48) 2-Nitroaniline	9.263	65	2518	5.148	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	51145	13.764	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	51145	12.889	ng	# 23
63) Azobenzene	10.651	77	175607	7.180	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.728	198	590	10.862	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	16800	2.713	ng	# 1
80) Butylbenzylphthalate	13.486	149	729	3.775	ng	# 87
84) Bis(2-ethylhexyl)phtha...	14.051	149	2162	3.581	ng	# 93
85) Di-n-octyl phthalate	14.663	149	378	6.079	ng	# 73

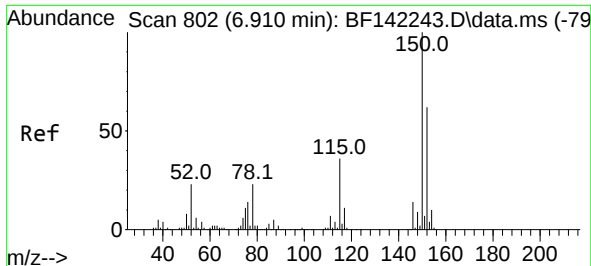
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
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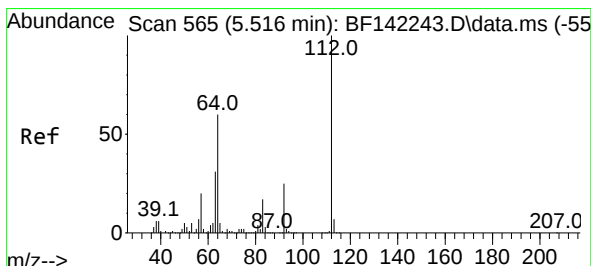
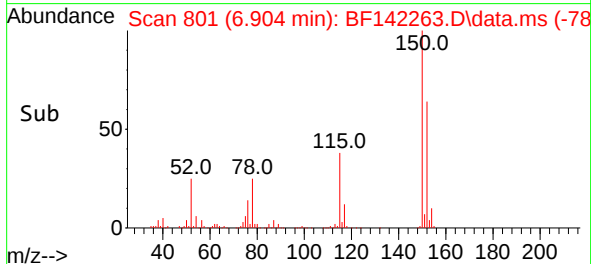
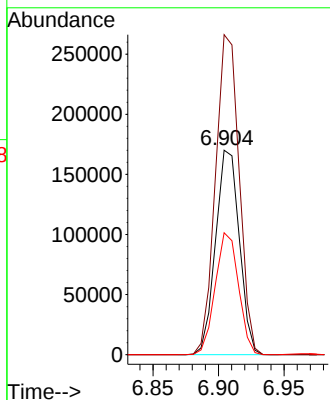
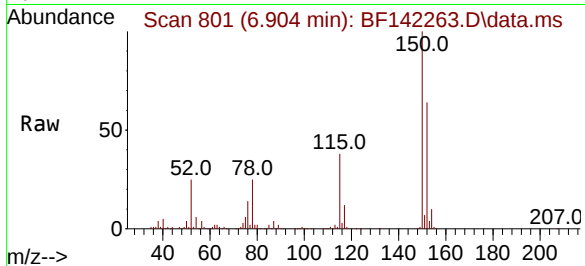




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 802
 Delta R.T. -0.006 min
 Lab File: BF142263.D
 Acq: 01 May 2025 16:31

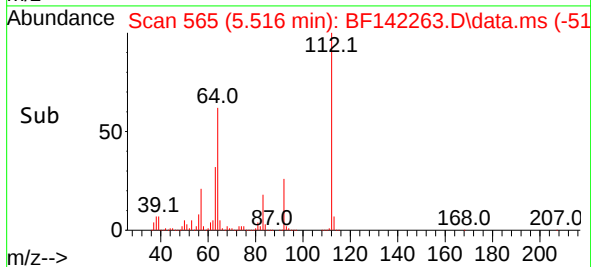
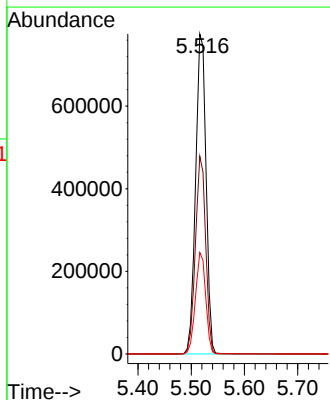
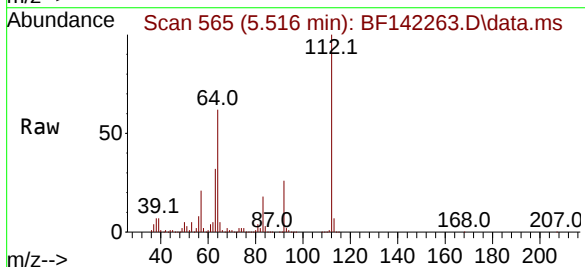
Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

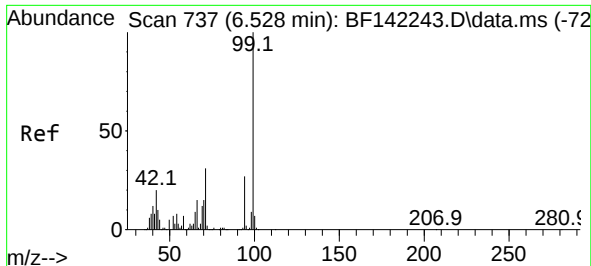
Tgt Ion:152 Resp: 213887
 Ion Ratio Lower Upper
 152 100
 150 156.4 130.2 195.2
 115 59.6 47.0 70.4



#5
 2-Fluorophenol
 Concen: 79.009 ng
 RT: 5.516 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: BF142263.D
 Acq: 01 May 2025 16:31

Tgt Ion:112 Resp: 1058130
 Ion Ratio Lower Upper
 112 100
 64 61.8 48.4 72.6
 63 31.7 24.8 37.2

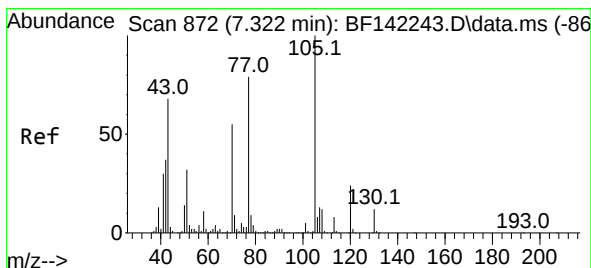
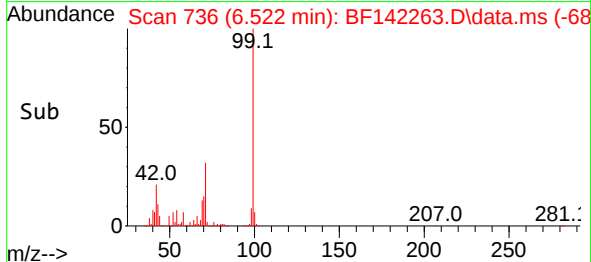
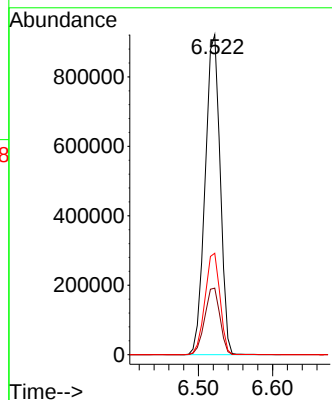
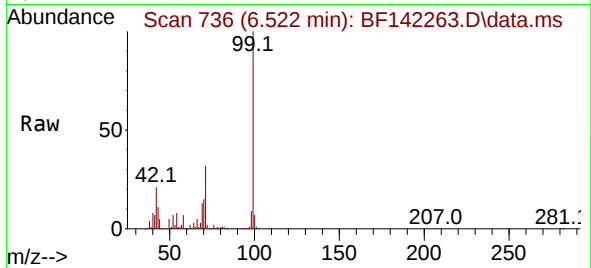




#7
Phenol-d6
Concen: 80.168 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142263.D
Acq: 01 May 2025 16:31

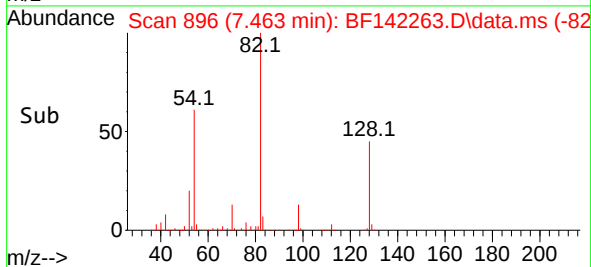
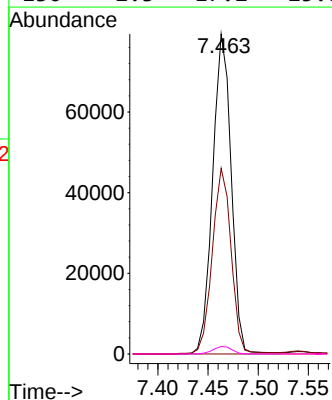
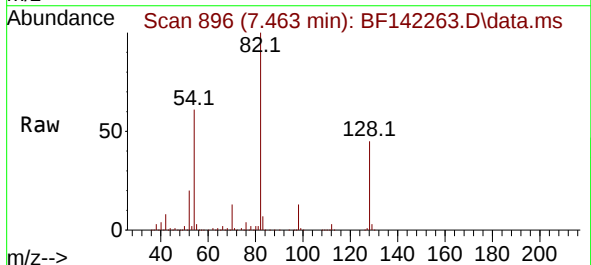
Instrument :
BNA_F
ClientSampleId :
COMP-5

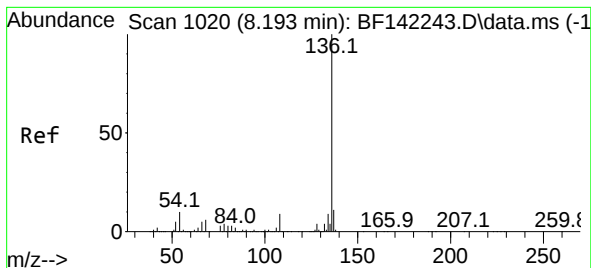
Tgt Ion: 99 Resp: 1296508
Ion Ratio Lower Upper
99 100
42 20.8 16.3 24.5
71 31.7 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.227 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF142263.D
Acq: 01 May 2025 16:31

Tgt Ion: 70 Resp: 102201
Ion Ratio Lower Upper
70 100
42 58.0 53.4 80.2
101 0.0 7.7 11.5#
130 2.3 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: BF142263.D

Acq: 01 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

COMP-5

Tgt Ion:136 Resp: 812832

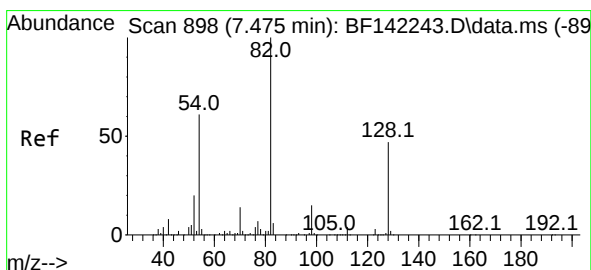
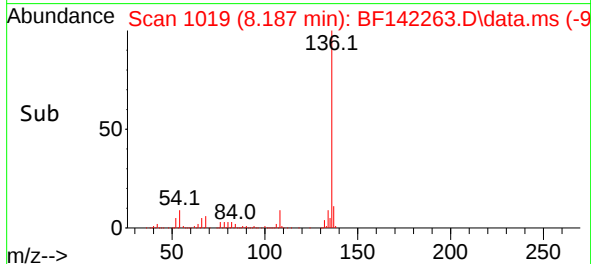
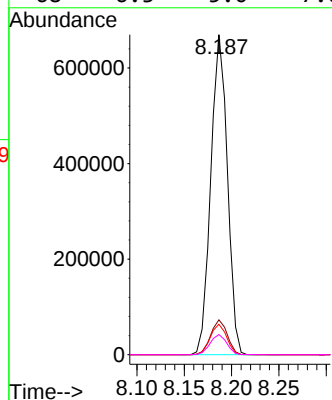
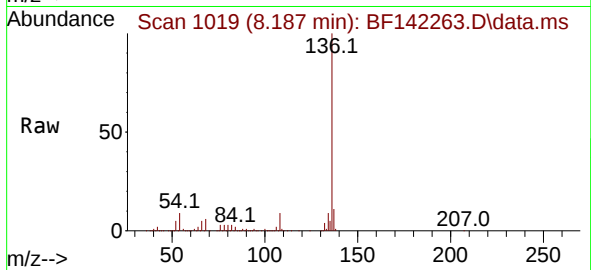
Ion Ratio Lower Upper

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: 61.370 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142263.D

Acq: 01 May 2025 16:31

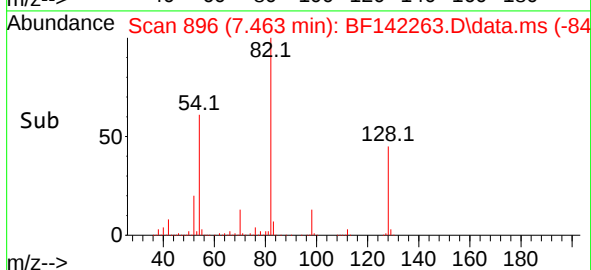
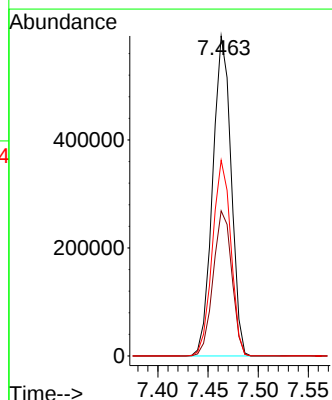
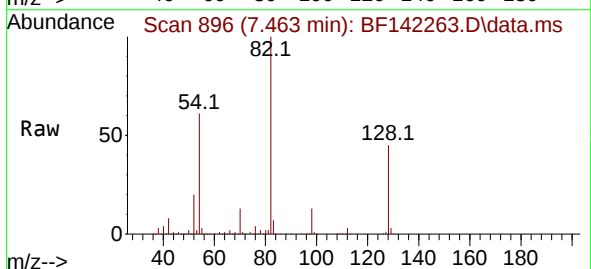
Tgt Ion: 82 Resp: 759292

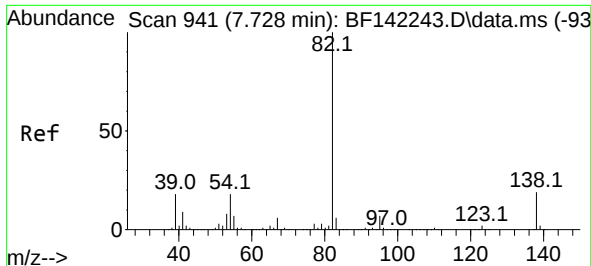
Ion Ratio Lower Upper

82 100

128 45.4 37.0 55.6

54 61.2 48.0 72.0

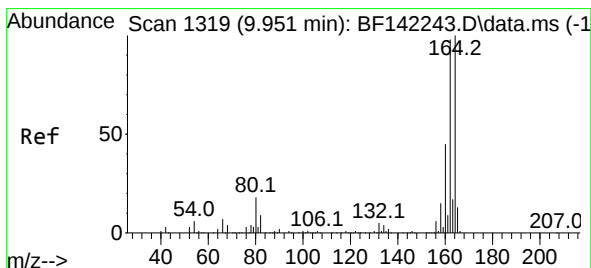
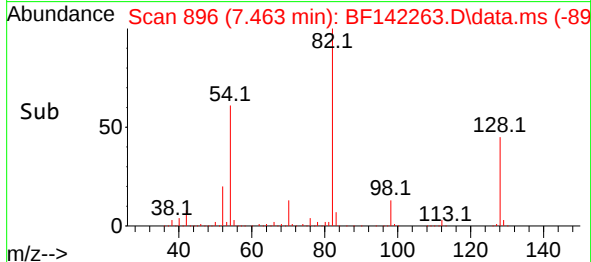
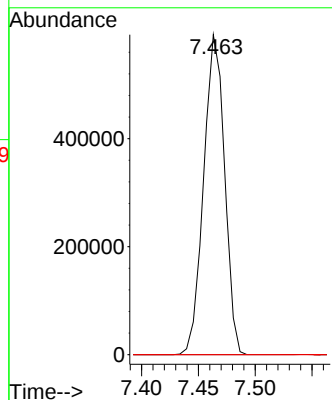
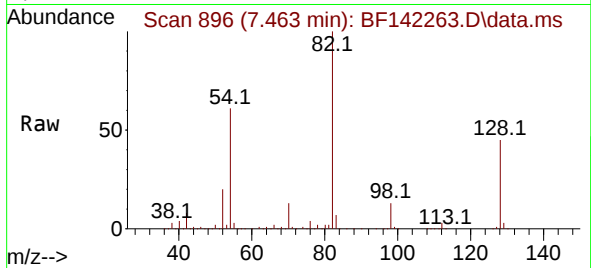




#25
Isophorone
Concen: 29.189 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142263.D
Acq: 01 May 2025 16:31

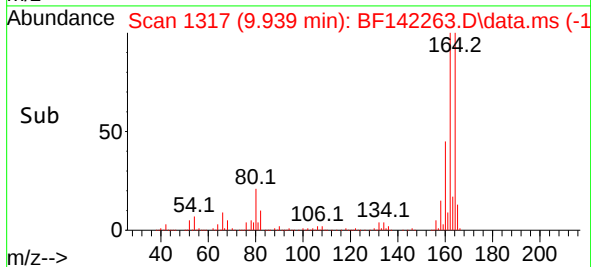
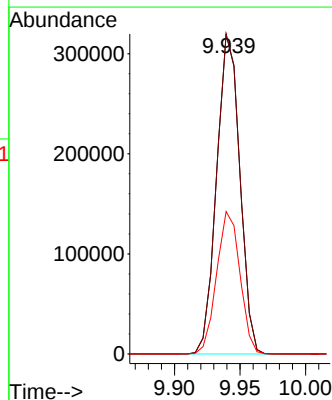
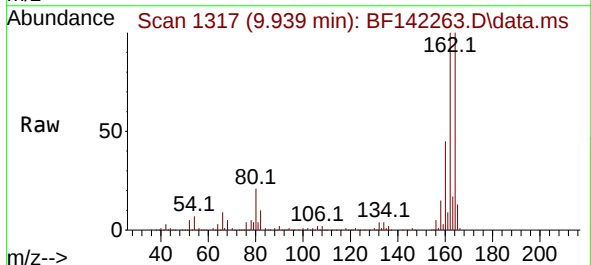
Instrument :
BNA_F
ClientSampleId :
COMP-5

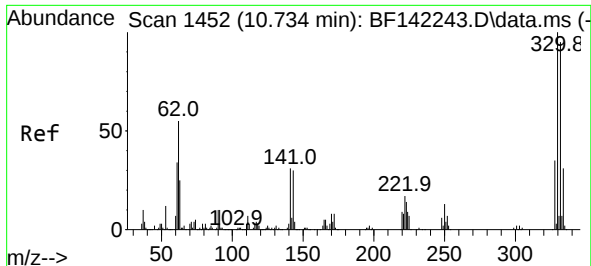
Tgt Ion: 82 Resp: 757919
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.012 min
Lab File: BF142263.D
Acq: 01 May 2025 16:31

Tgt Ion:164 Resp: 392078
Ion Ratio Lower Upper
164 100
162 100.2 78.6 117.8
160 44.6 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 75.506 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142263.D

Acq: 01 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

COMP-5

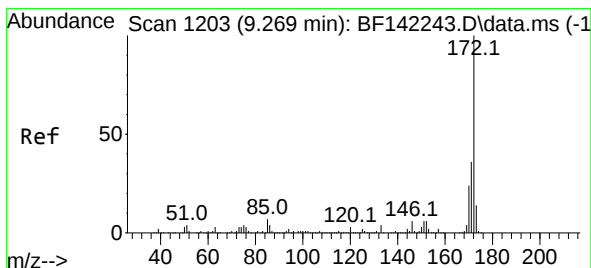
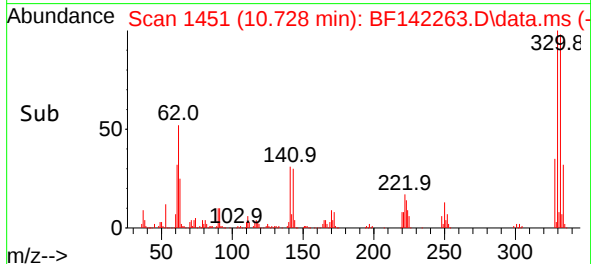
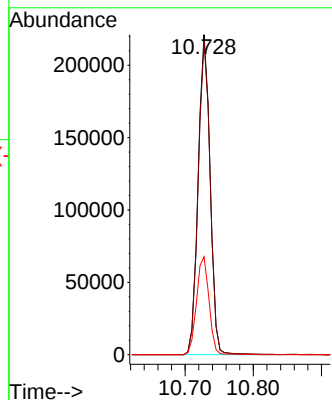
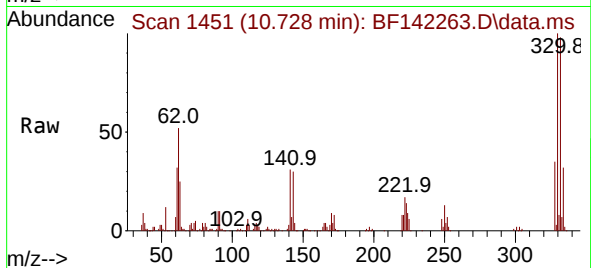
Tgt Ion:330 Resp: 269885

Ion Ratio Lower Upper

330 100

332 98.1 76.5 114.7

141 31.8 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 53.918 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142263.D

Acq: 01 May 2025 16:31

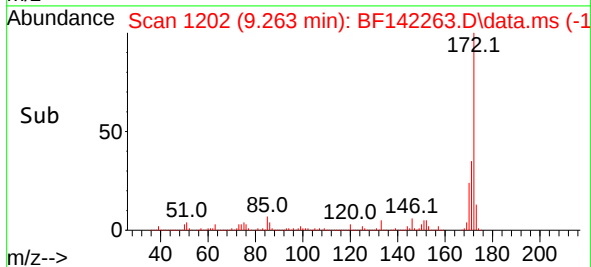
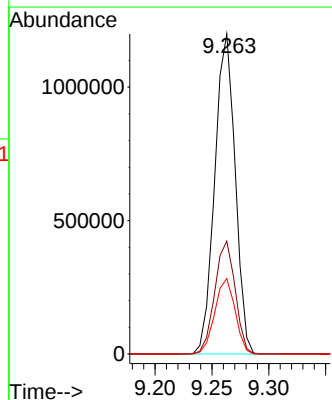
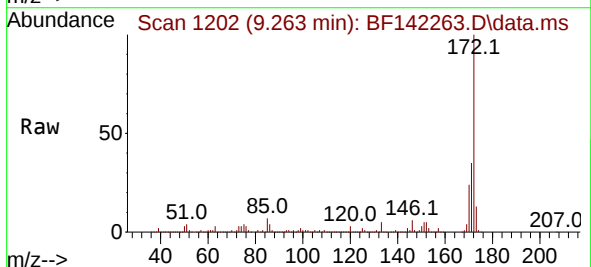
Tgt Ion:172 Resp: 1499337

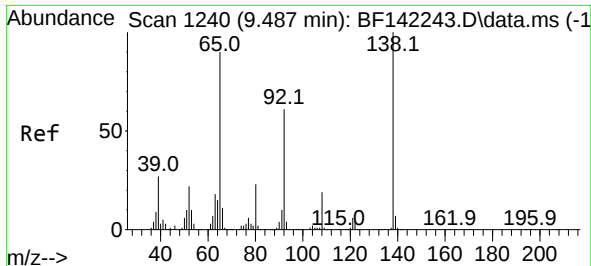
Ion Ratio Lower Upper

172 100

171 35.3 29.0 43.4

170 23.5 19.4 29.0

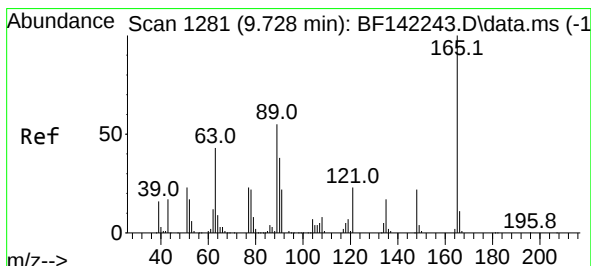
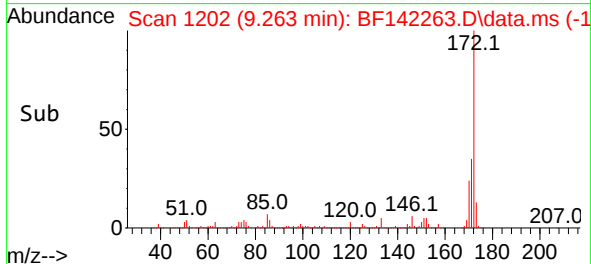
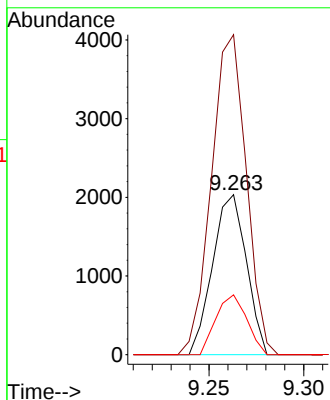
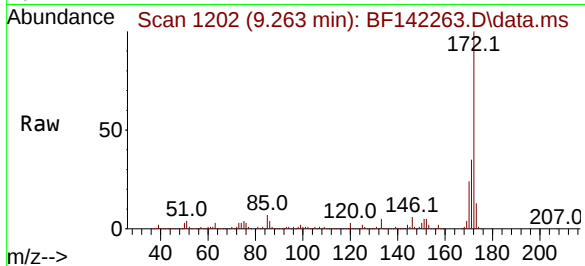




#48
2-Nitroaniline
Concen: 5.148 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.224 min
Lab File: BF142263.D
Acq: 01 May 2025 16:31

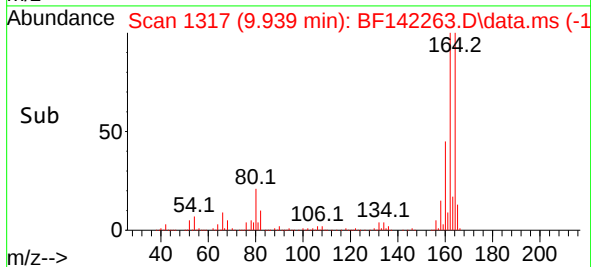
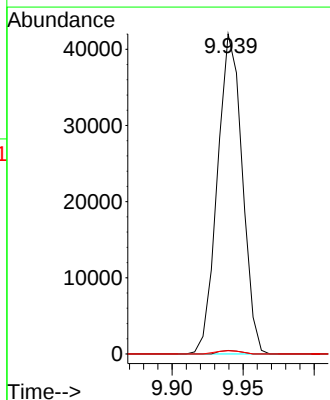
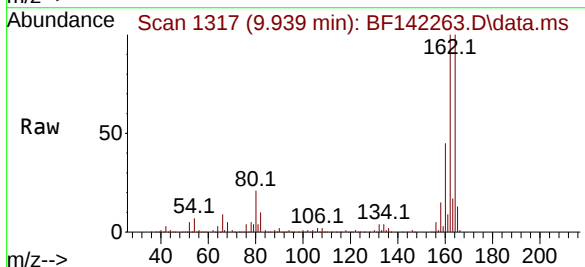
Instrument :
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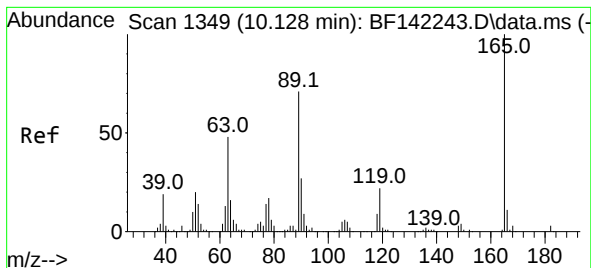
Tgt Ion: 65 Resp: 2518
Ion Ratio Lower Upper
65 100
92 200.0 54.3 81.5#
138 37.4 88.6 133.0#



#51
2,6-Dinitrotoluene
Concen: 13.764 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.211 min
Lab File: BF142263.D
Acq: 01 May 2025 16:31

Tgt Ion: 165 Resp: 51145
Ion Ratio Lower Upper
165 100
63 1.1 48.5 72.7#
89 1.0 43.9 65.9#

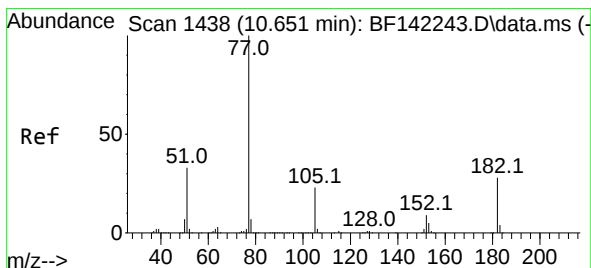
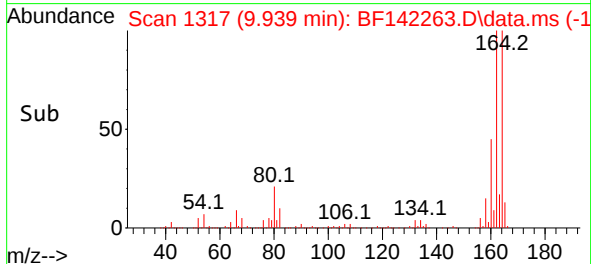
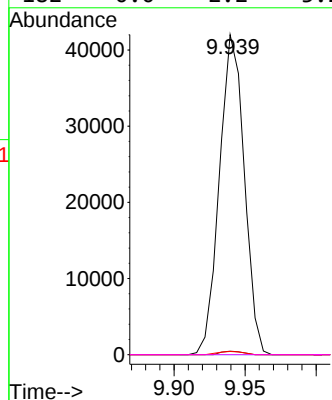
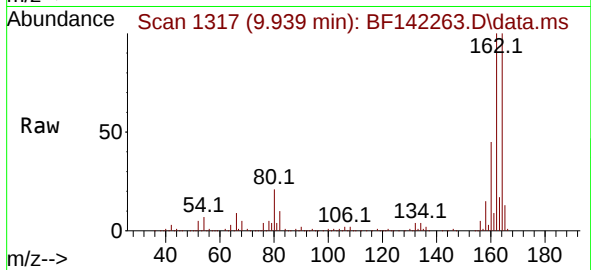




#57
2,4-Dinitrotoluene
Concen: 12.889 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF142263.D
Acq: 01 May 2025 16:31

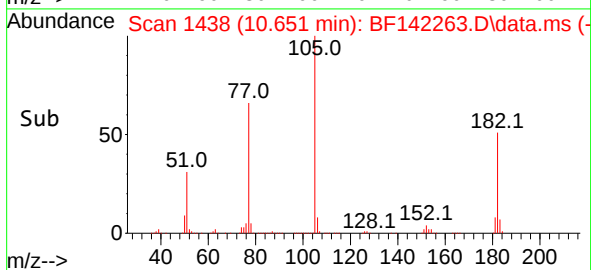
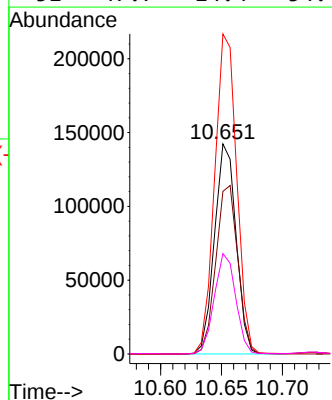
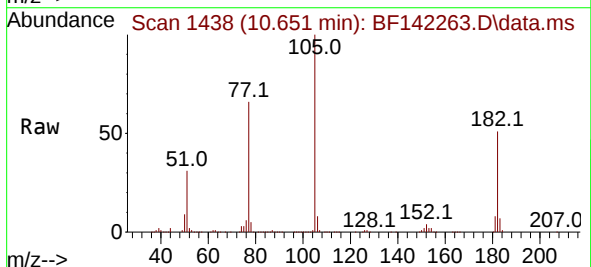
Instrument :
BNA_F
ClientSampleId :
COMP-5

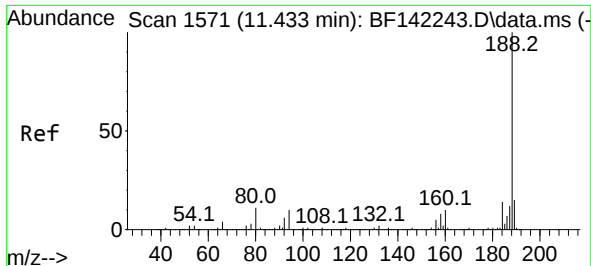
Tgt Ion:165 Resp: 51145
Ion Ratio Lower Upper
165 100
63 1.1 38.8 58.2#
89 1.0 57.1 85.7#
182 0.0 2.2 3.2#



#63
Azobenzene
Concen: 7.180 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF142263.D
Acq: 01 May 2025 16:31

Tgt Ion: 77 Resp: 175607
Ion Ratio Lower Upper
77 100
182 77.3 7.3 47.3#
105 152.3 2.5 42.5#
51 47.7 14.4 54.4

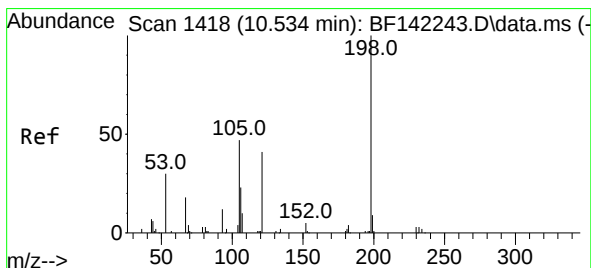
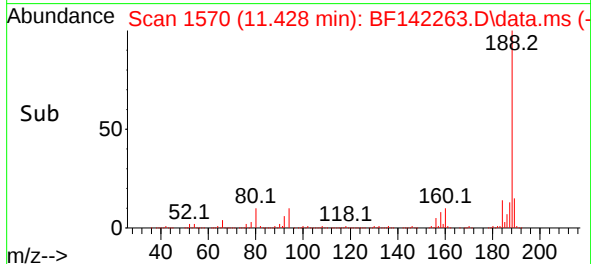
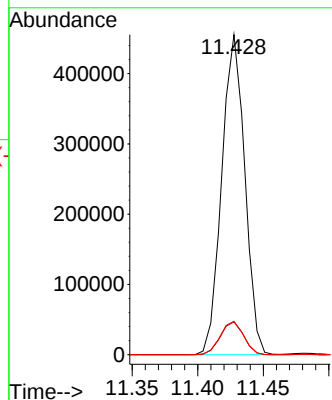
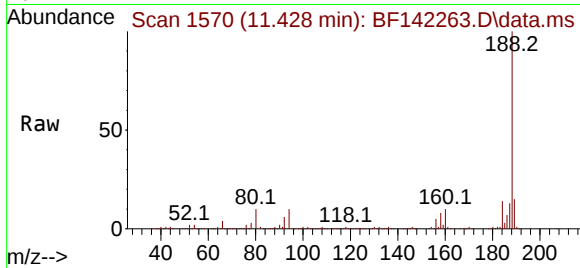




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142263.D
Acq: 01 May 2025 16:31

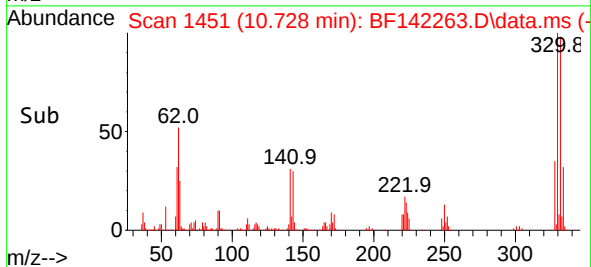
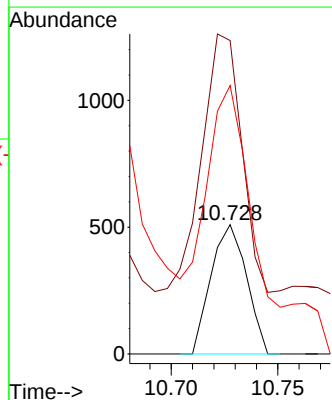
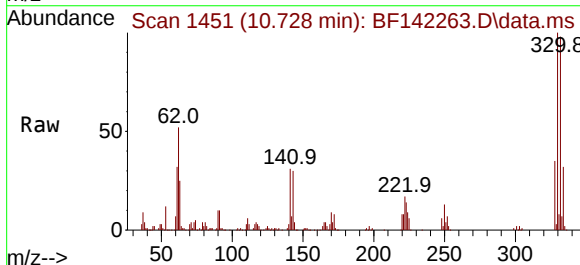
Instrument :
BNA_F
ClientSampleId :
COMP-5

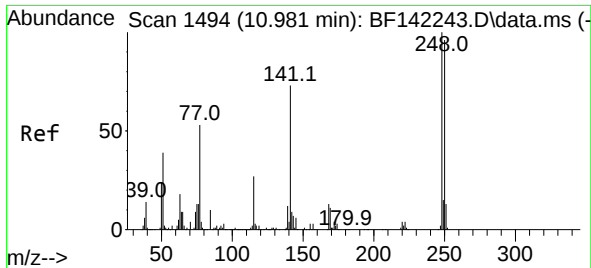
Tgt Ion:188 Resp: 556035
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.4 8.6 12.8



#65
4,6-Dinitro-2-methylphenol
Concen: 10.862 ng
RT: 10.728 min Scan# 1451
Delta R.T. 0.194 min
Lab File: BF142263.D
Acq: 01 May 2025 16:31

Tgt Ion:198 Resp: 590
Ion Ratio Lower Upper
198 100
51 242.4 40.6 80.6#
105 207.6 29.2 69.2#

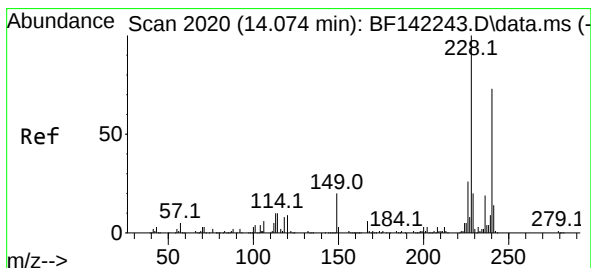
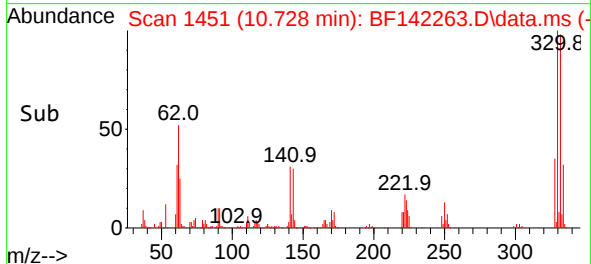
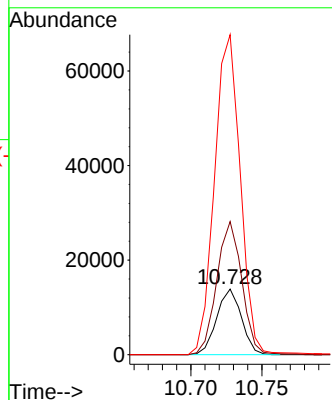
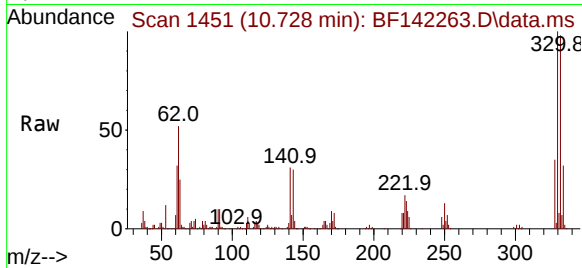




#67
4-Bromophenyl-phenylether
Concen: 2.713 ng
RT: 10.728 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF142263.D
Acq: 01 May 2025 16:31

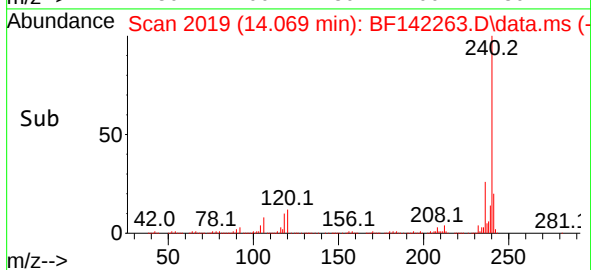
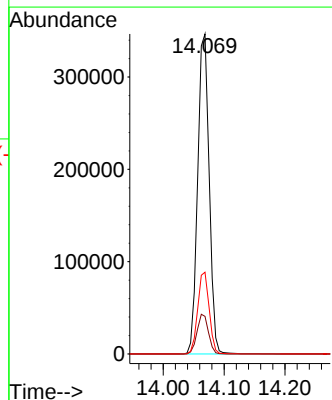
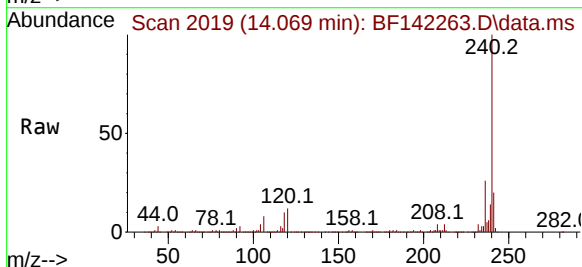
Instrument :
BNA_F
ClientSampleId :
COMP-5

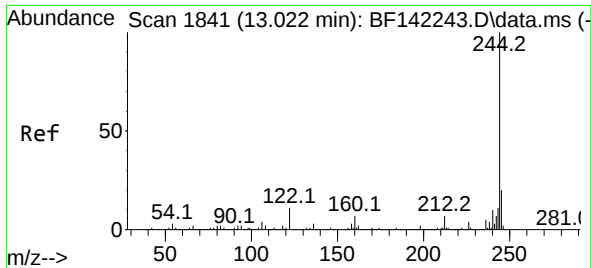
Tgt Ion:248 Resp: 16800
Ion Ratio Lower Upper
248 100
250 203.0 77.2 115.8#
141 488.1 58.4 87.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142263.D
Acq: 01 May 2025 16:31

Tgt Ion:240 Resp: 454222
Ion Ratio Lower Upper
240 100
120 11.7 10.1 15.1
236 25.6 20.5 30.7

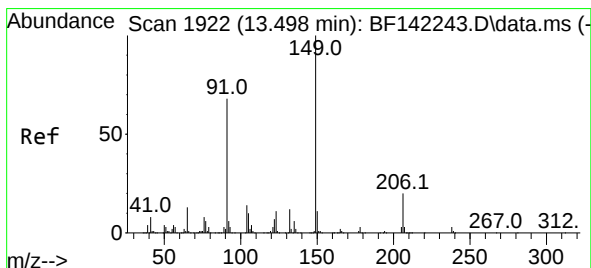
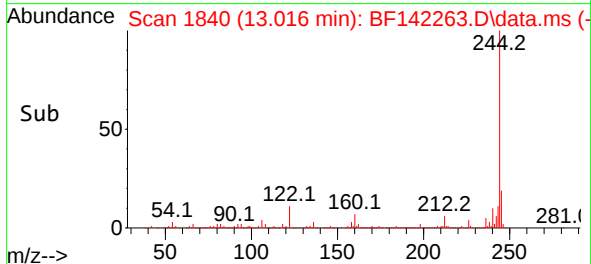
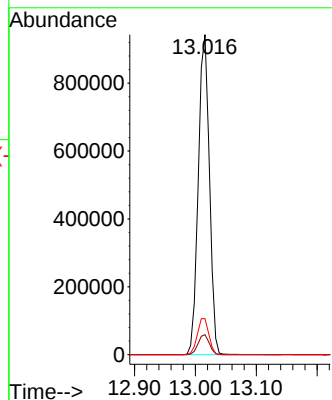
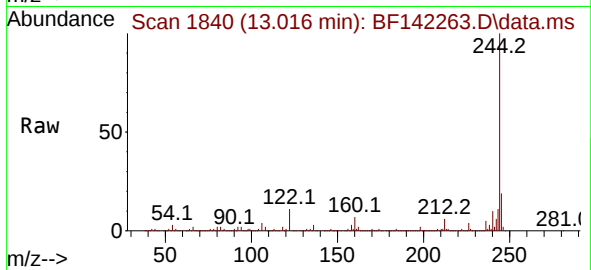




#79
 Terphenyl-d14
 Concen: 38.252 ng
 RT: 13.016 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142263.D
 Acq: 01 May 2025 16:31

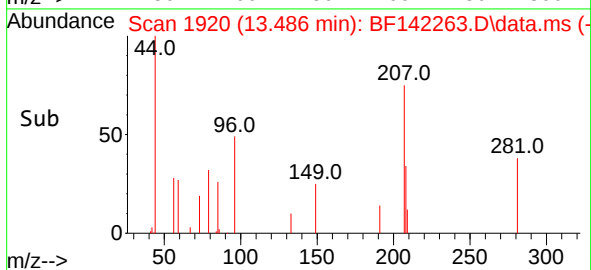
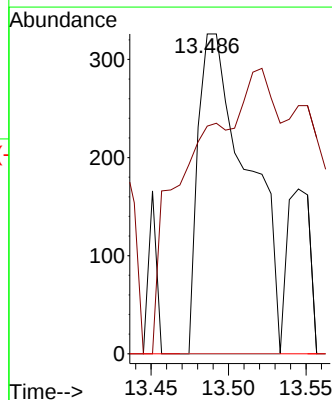
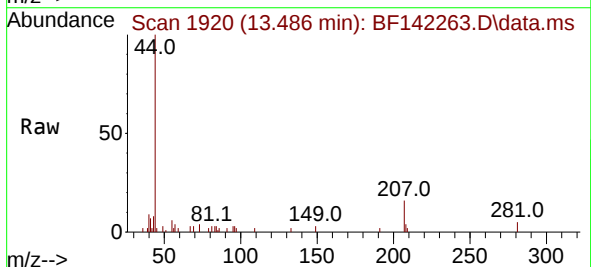
Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

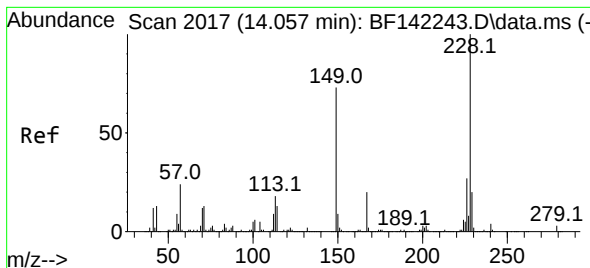
Tgt Ion:244 Resp: 1194642
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.3 7.9
 122 11.3 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 3.775 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.012 min
 Lab File: BF142263.D
 Acq: 01 May 2025 16:31

Tgt Ion:149 Resp: 729
 Ion Ratio Lower Upper
 149 100
 91 71.2 54.4 81.6
 206 0.0 15.9 23.9#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.581 ng

RT: 14.051 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF142263.D

Acq: 01 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

COMP-5

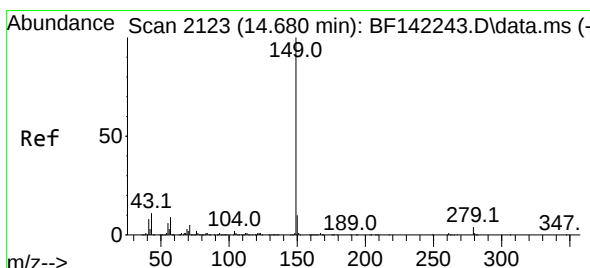
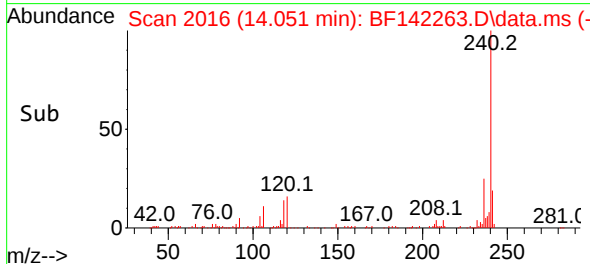
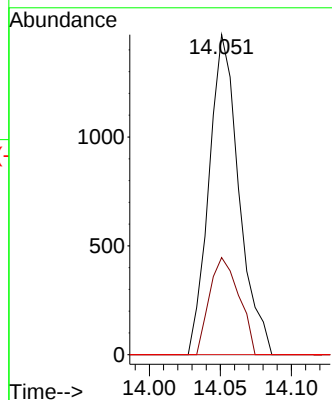
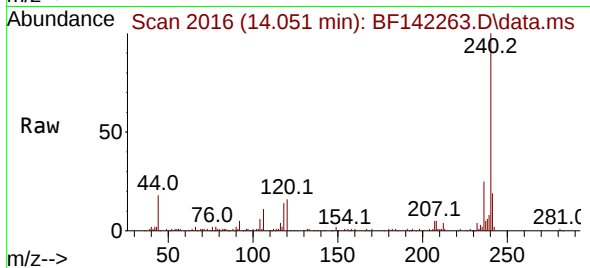
Tgt Ion:149 Resp: 2162

Ion Ratio Lower Upper

149 100

167 30.3 21.7 32.5

279 0.0 3.0 4.4#



#85

Di-n-octyl phthalate

Concen: 6.079 ng

RT: 14.663 min Scan# 2120

Delta R.T. -0.017 min

Lab File: BF142263.D

Acq: 01 May 2025 16:31

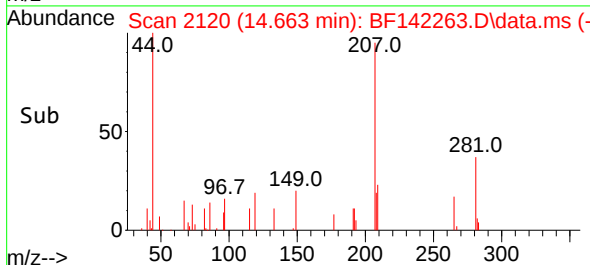
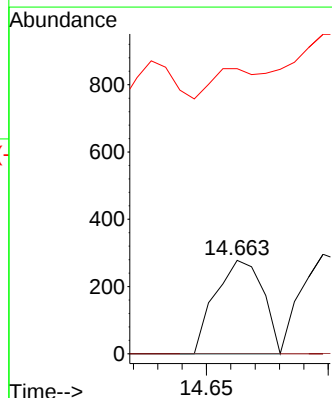
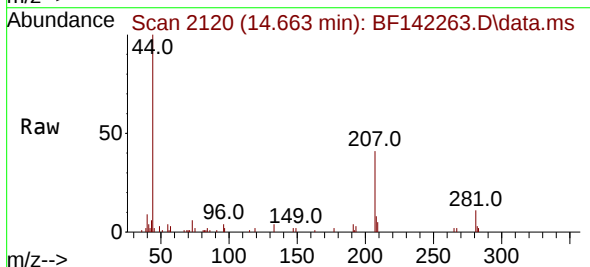
Tgt Ion:149 Resp: 378

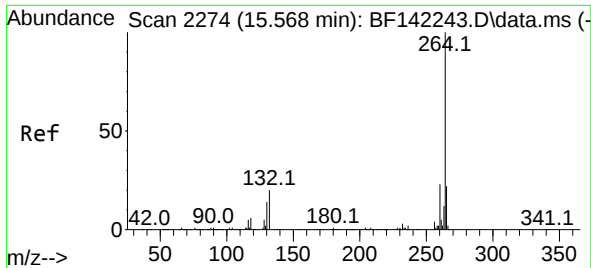
Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

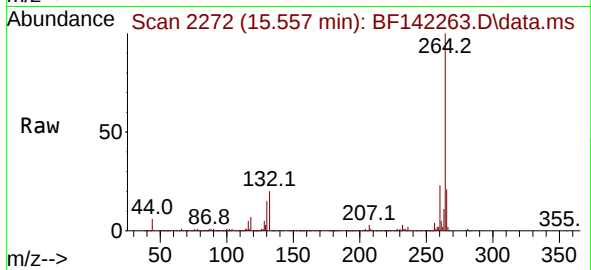
43 0.0 9.3 13.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142263.D
Acq: 01 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
COMP-5



Tgt Ion:264 Resp: 451548
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 21.4 17.3 25.9

