

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142288.D
 Acq On : 02 May 2025 18:46
 Operator : RC/JU
 Sample : Q1932-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-6

Quant Time: May 02 22:48:55 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)

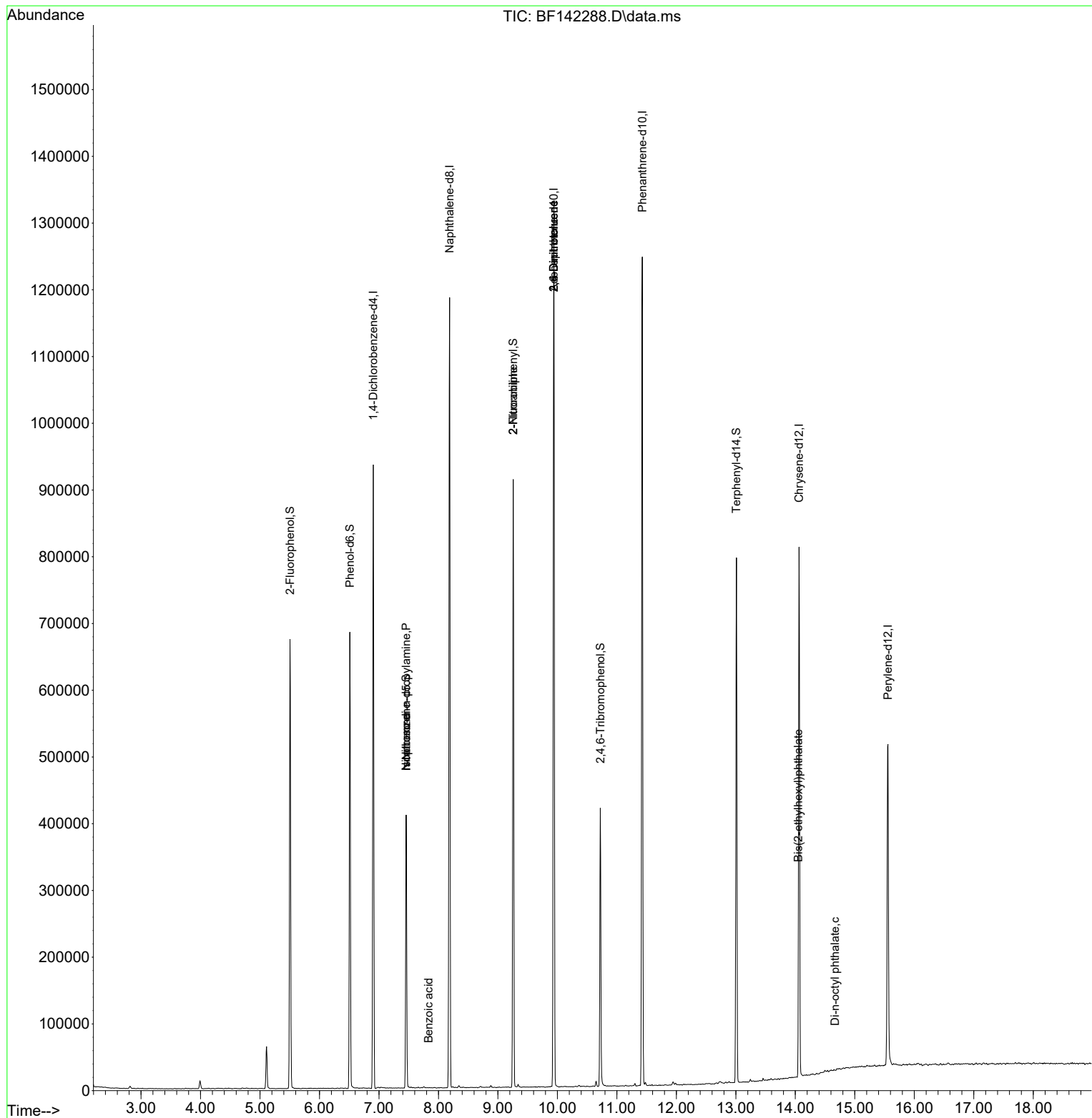
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	192508	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	730915	20.000	ng	0.00
39) Acenaphthene-d10	9.940	164	379970	20.000	ng	-0.01
64) Phenanthrene-d10	11.428	188	640352	20.000	ng	0.00
76) Chrysene-d12	14.063	240	375768	20.000	ng	-0.01
86) Perylene-d12	15.557	264	286534	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	244513	20.285	ng	-0.01
7) Phenol-d6	6.510	99	289914	19.917	ng	-0.02
23) Nitrobenzene-d5	7.457	82	156416	14.059	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	66181	19.106	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	385106	14.290	ng	-0.01
79) Terphenyl-d14	13.010	244	365801	14.158	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	20371	2.265	ng	# 85
25) Isophorone	7.457	82	156148	6.687	ng	# 64
32) Benzoic acid	7.834	122	60	10.816	ng	# 1
48) 2-Nitroaniline	9.257	65	532	4.851	ng	# 1
51) 2,6-Dinitrotoluene	9.940	165	49064	13.665	ng	# 24
57) 2,4-Dinitrotoluene	9.940	165	49064	12.809	ng	# 23
84) Bis(2-ethylhexyl)phtha...	14.051	149	607	3.497	ng	# 74
85) Di-n-octyl phthalate	14.669	149	113	6.072	ng	# 1

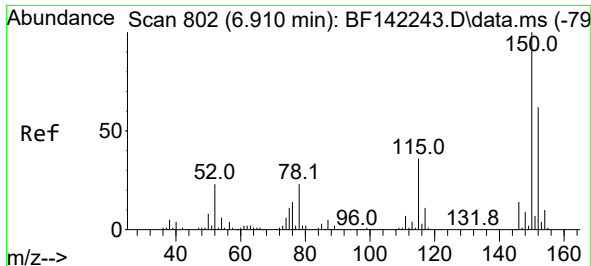
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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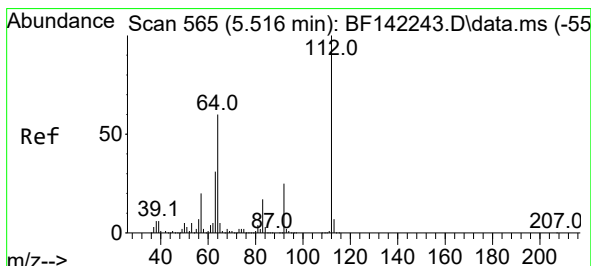
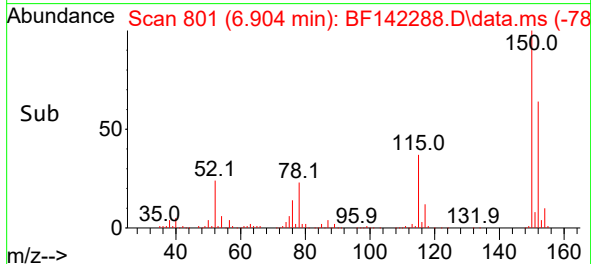
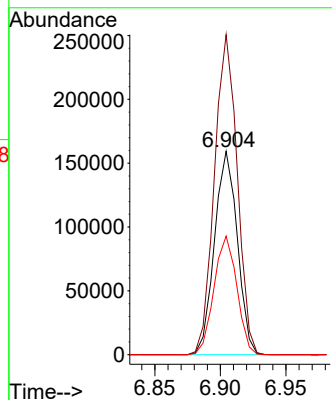
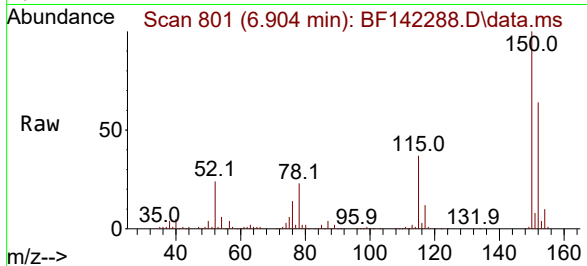




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. -0.006 min
 Lab File: BF142288.D
 Acq: 02 May 2025 18:46

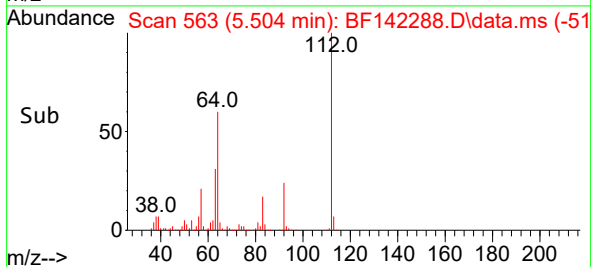
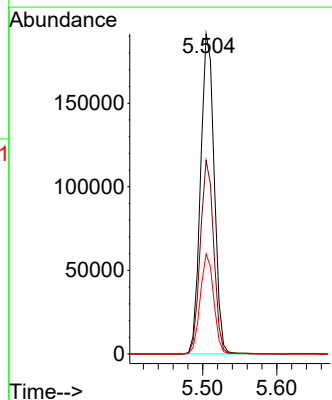
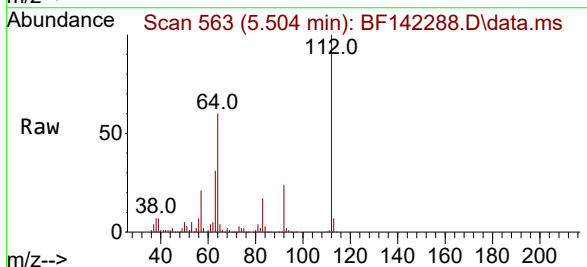
Instrument :
 BNA_F
 ClientSampleId :
 COMP-6

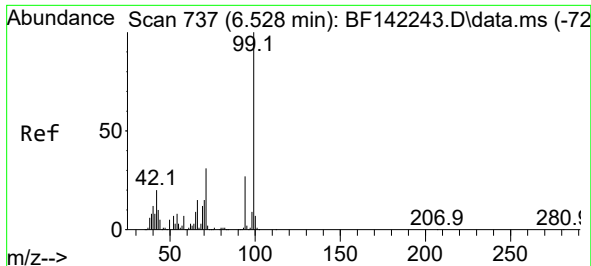
Tgt Ion:152 Resp: 192508
 Ion Ratio Lower Upper
 152 100
 150 157.4 130.2 195.2
 115 58.3 47.0 70.4



#5
 2-Fluorophenol
 Concen: 20.285 ng
 RT: 5.504 min Scan# 563
 Delta R.T. -0.012 min
 Lab File: BF142288.D
 Acq: 02 May 2025 18:46

Tgt Ion:112 Resp: 244513
 Ion Ratio Lower Upper
 112 100
 64 60.5 48.4 72.6
 63 31.3 24.8 37.2

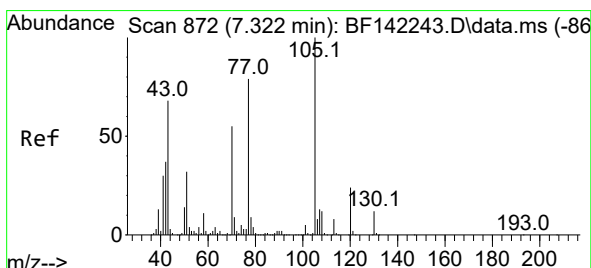
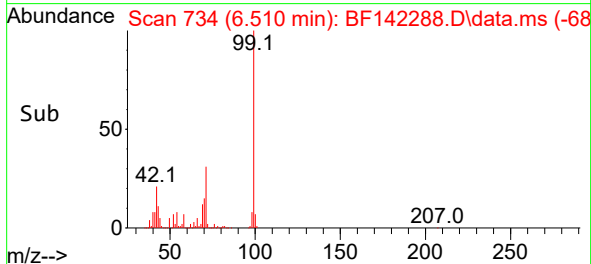
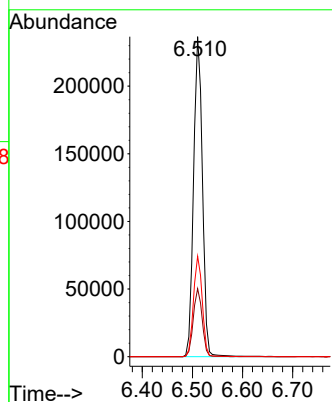
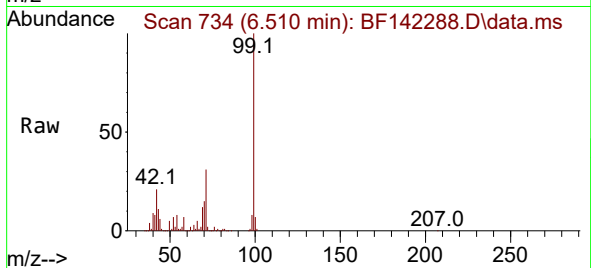




#7
Phenol-d6
Concen: 19.917 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142288.D
Acq: 02 May 2025 18:46

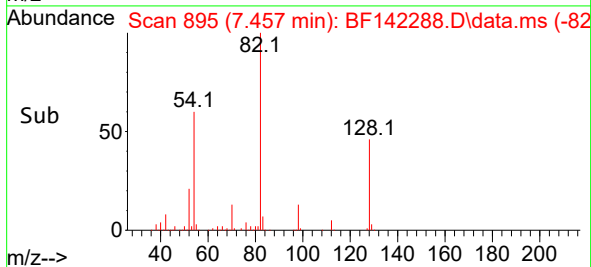
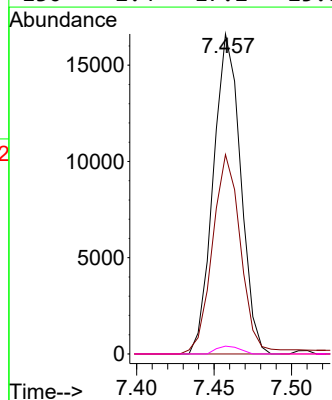
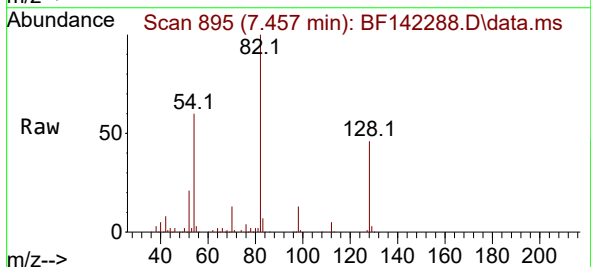
Instrument :
BNA_F
ClientSampleId :
COMP-6

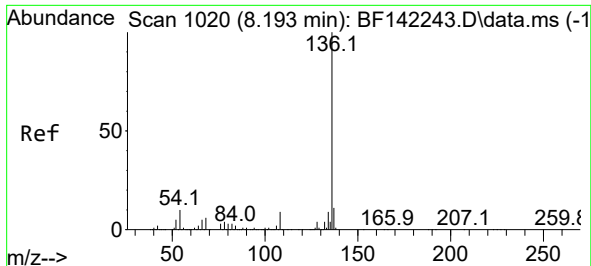
Tgt Ion: 99 Resp: 289914
Ion Ratio Lower Upper
99 100
42 21.3 16.3 24.5
71 31.4 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 2.265 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF142288.D
Acq: 02 May 2025 18:46

Tgt Ion: 70 Resp: 20371
Ion Ratio Lower Upper
70 100
42 62.3 53.4 80.2
101 0.0 7.7 11.5#
130 2.4 17.2 25.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.187 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142288.D

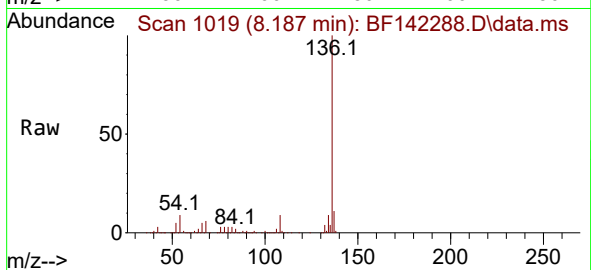
Acq: 02 May 2025 18:46

Instrument :

BNA_F

ClientSampleId :

COMP-6



Tgt Ion:136 Resp: 730915

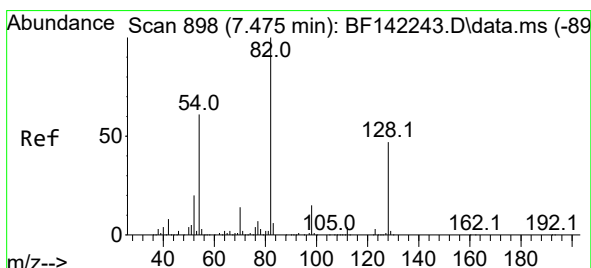
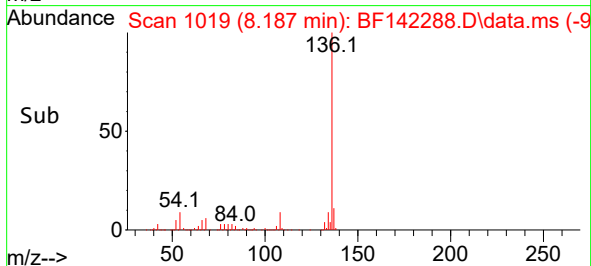
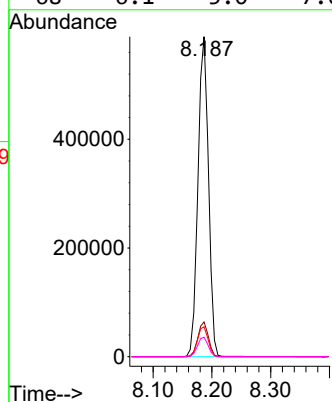
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.4 7.7 11.5

68 6.1 5.0 7.6



#23

Nitrobenzene-d5

Concen: 14.059 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF142288.D

Acq: 02 May 2025 18:46

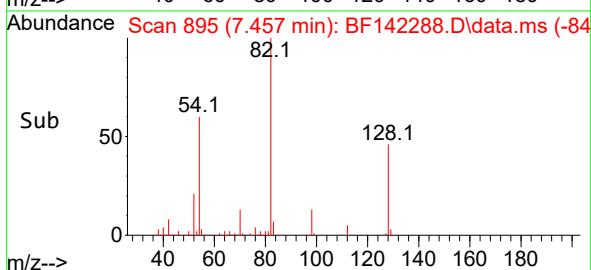
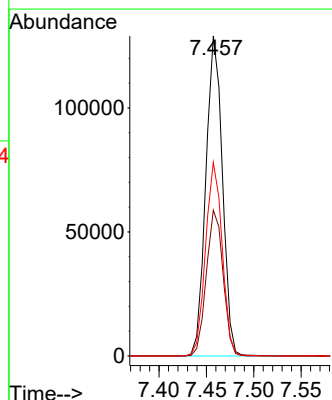
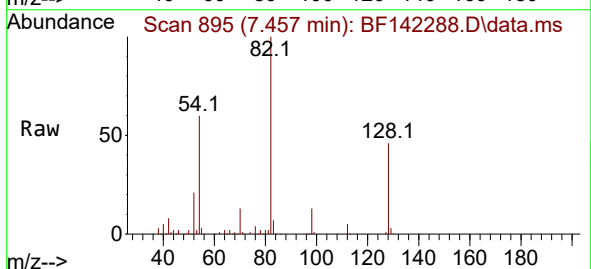
Tgt Ion: 82 Resp: 156416

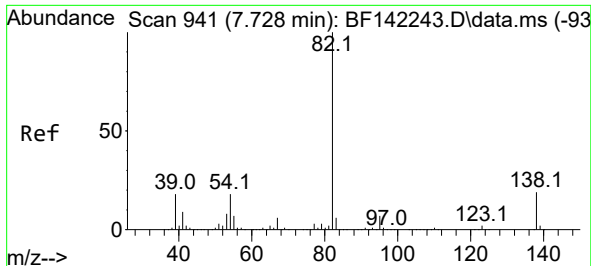
Ion Ratio Lower Upper

82 100

128 45.5 37.0 55.6

54 60.5 48.0 72.0

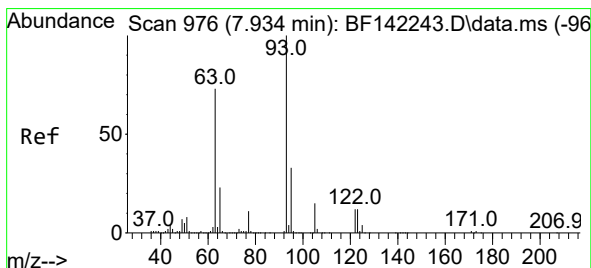
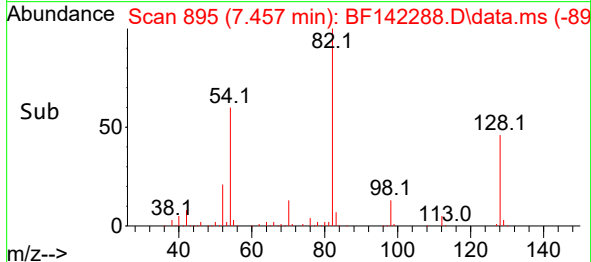
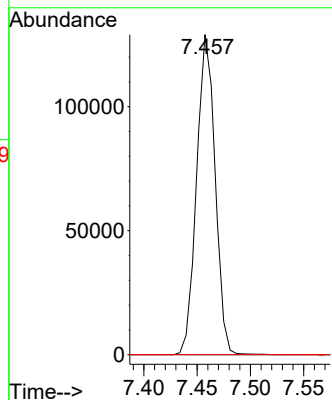
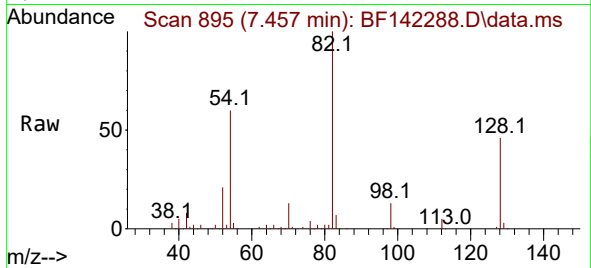




#25
Isophorone
Concen: 6.687 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF142288.D
Acq: 02 May 2025 18:46

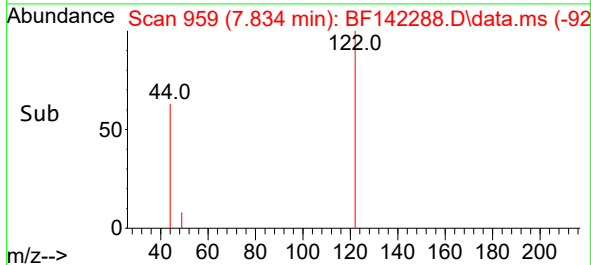
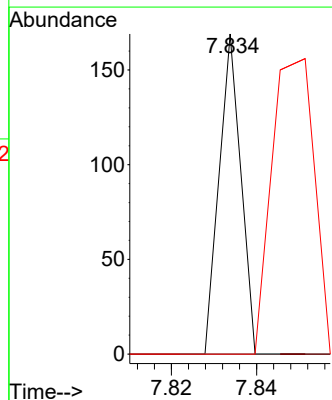
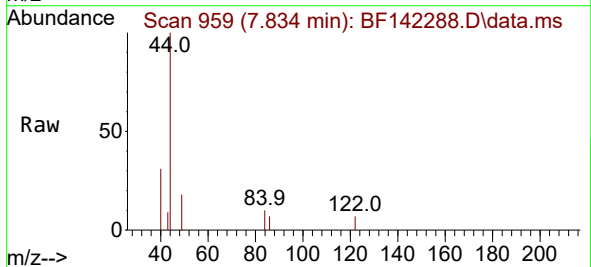
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BNA_F
ClientSampleId :
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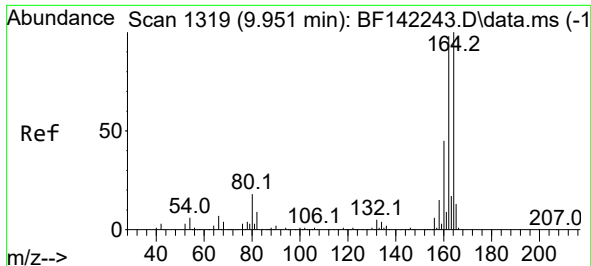
Tgt Ion: 82 Resp: 156148
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.3 22.9#



#32
Benzoic acid
Concen: 10.816 ng
RT: 7.834 min Scan# 959
Delta R.T. -0.100 min
Lab File: BF142288.D
Acq: 02 May 2025 18:46

Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 98.2 138.2#
77 0.0 66.8 106.8#

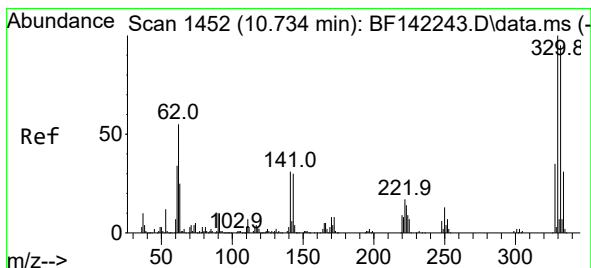
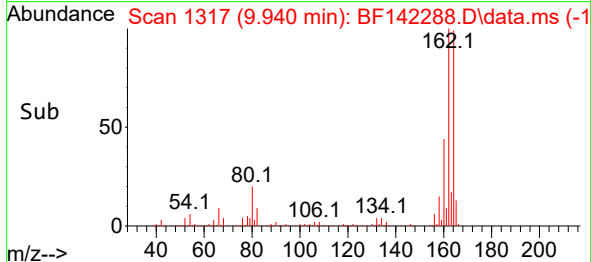
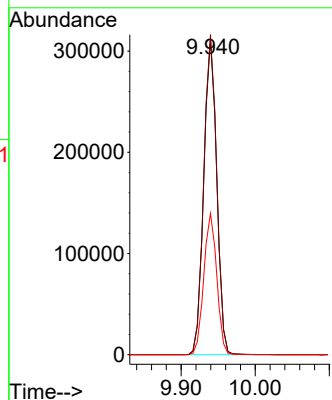
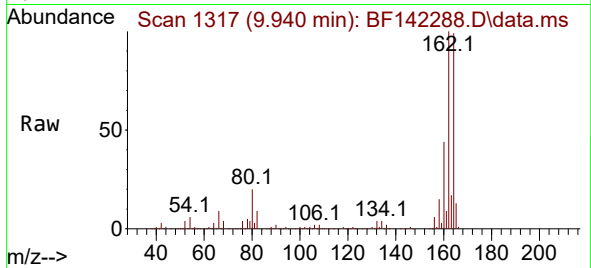




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.940 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF142288.D
Acq: 02 May 2025 18:46

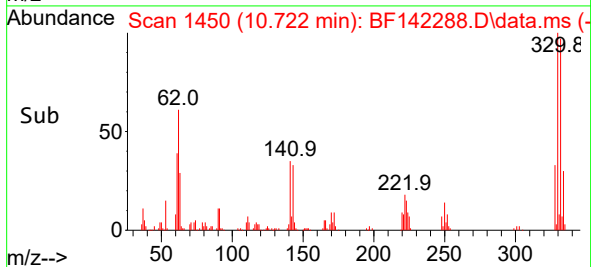
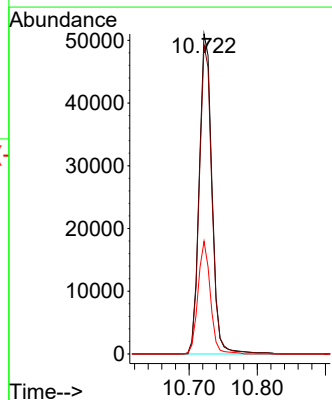
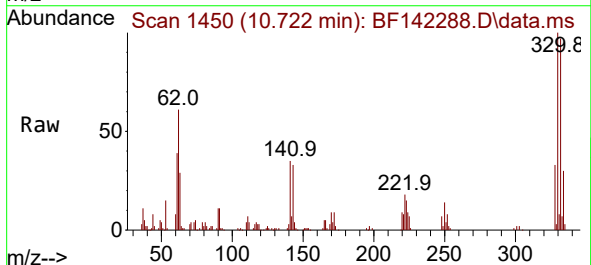
Instrument :
BNA_F
ClientSampleId :
COMP-6

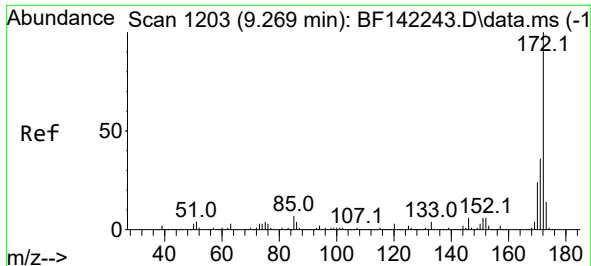
Tgt Ion:164 Resp: 379970
Ion Ratio Lower Upper
164 100
162 101.5 78.6 117.8
160 44.8 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 19.106 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF142288.D
Acq: 02 May 2025 18:46

Tgt Ion:330 Resp: 66181
Ion Ratio Lower Upper
330 100
332 95.7 76.5 114.7
141 34.0 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 14.290 ng

RT: 9.257 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142288.D

Acq: 02 May 2025 18:46

Instrument :

BNA_F

ClientSampleId :

COMP-6

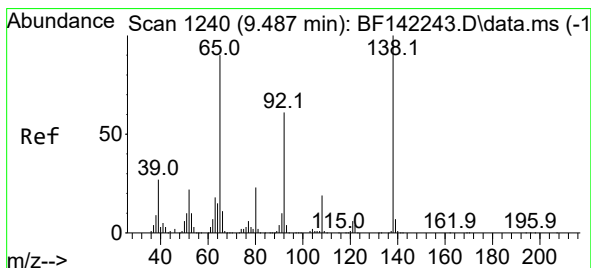
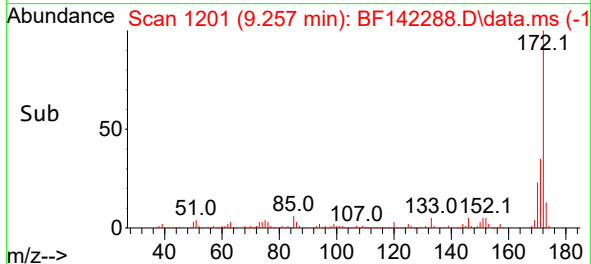
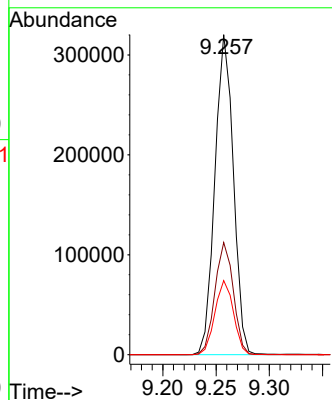
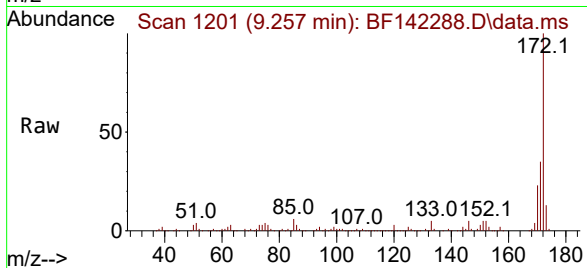
Tgt Ion:172 Resp: 385106

Ion Ratio Lower Upper

172 100

171 35.1 29.0 43.4

170 23.2 19.4 29.0



#48

2-Nitroaniline

Concen: 4.851 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.230 min

Lab File: BF142288.D

Acq: 02 May 2025 18:46

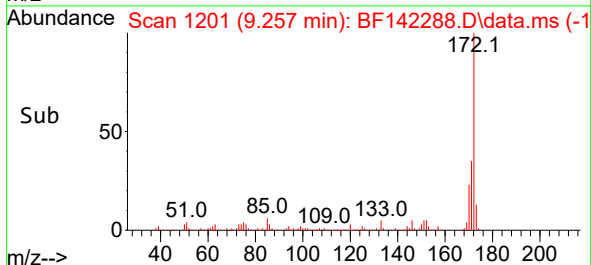
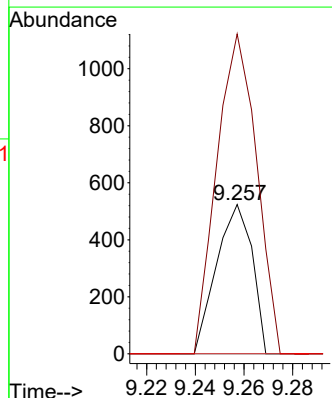
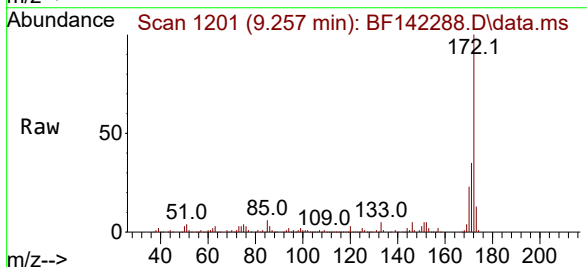
Tgt Ion: 65 Resp: 532

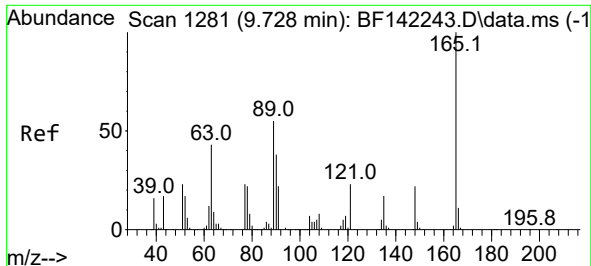
Ion Ratio Lower Upper

65 100

92 214.1 54.3 81.5#

138 0.0 88.6 133.0#

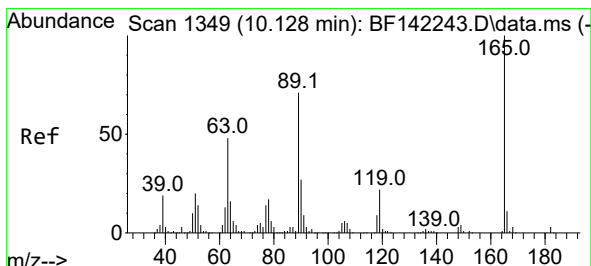
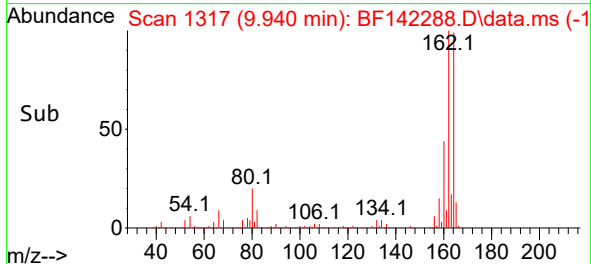
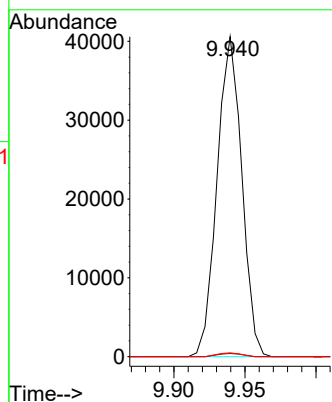
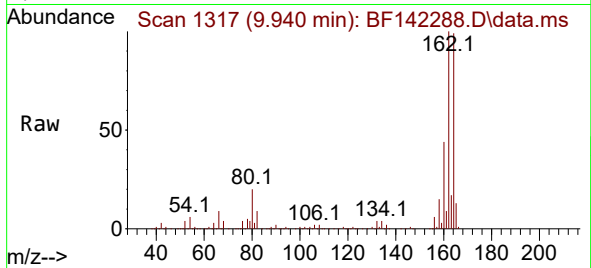




#51
2,6-Dinitrotoluene
Concen: 13.665 ng
RT: 9.940 min Scan# 1317
Delta R.T. 0.212 min
Lab File: BF142288.D
Acq: 02 May 2025 18:46

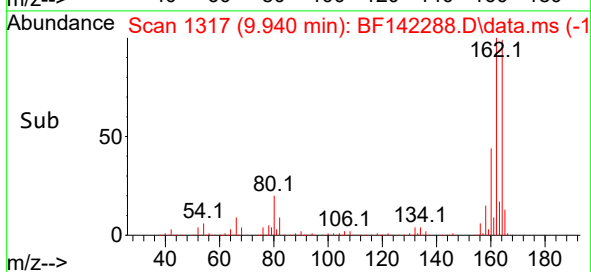
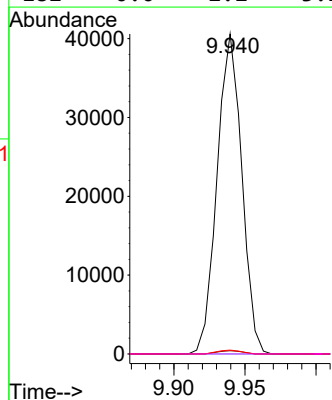
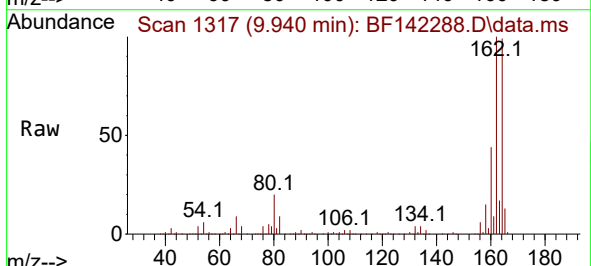
Instrument :
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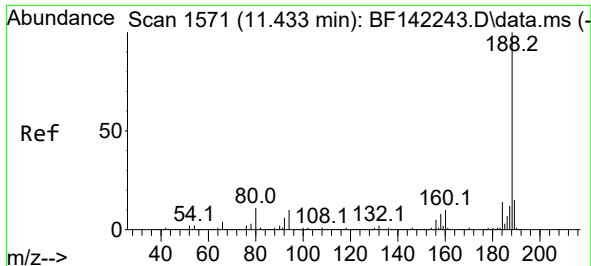
Tgt Ion:165 Resp: 49064
Ion Ratio Lower Upper
165 100
63 1.0 48.5 72.7#
89 1.2 43.9 65.9#



#57
2,4-Dinitrotoluene
Concen: 12.809 ng
RT: 9.940 min Scan# 1317
Delta R.T. -0.188 min
Lab File: BF142288.D
Acq: 02 May 2025 18:46

Tgt Ion:165 Resp: 49064
Ion Ratio Lower Upper
165 100
63 1.0 38.8 58.2#
89 1.2 57.1 85.7#
182 0.0 2.2 3.2#

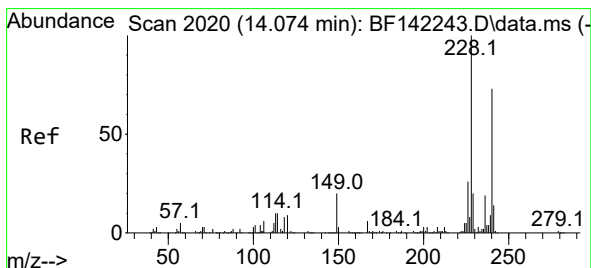
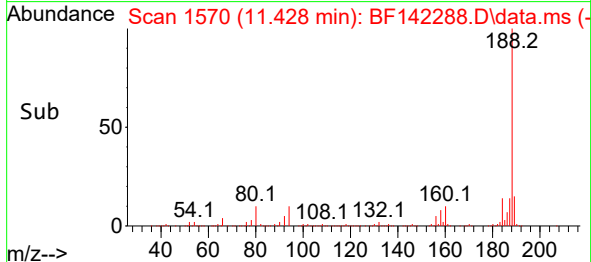
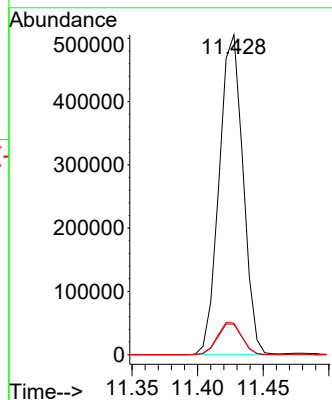
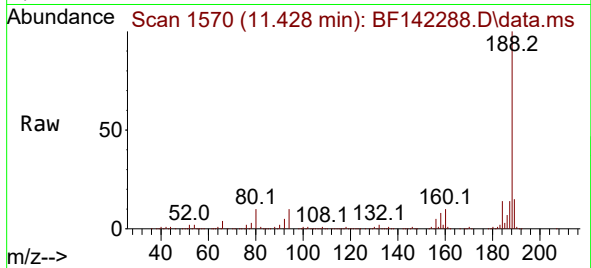




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142288.D
Acq: 02 May 2025 18:46

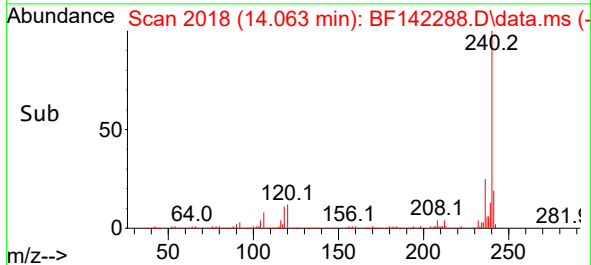
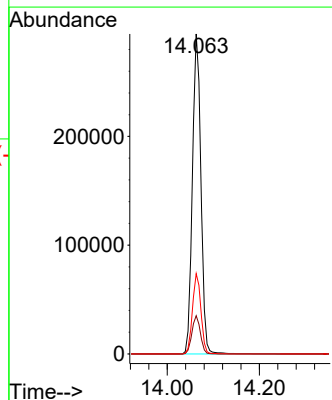
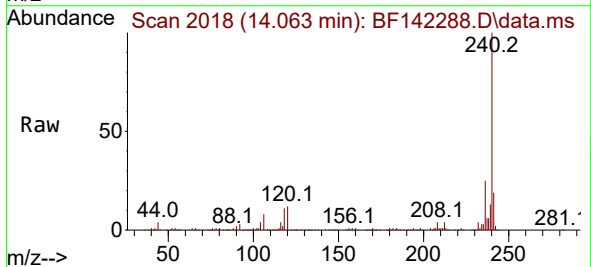
Instrument :
BNA_F
ClientSampleId :
COMP-6

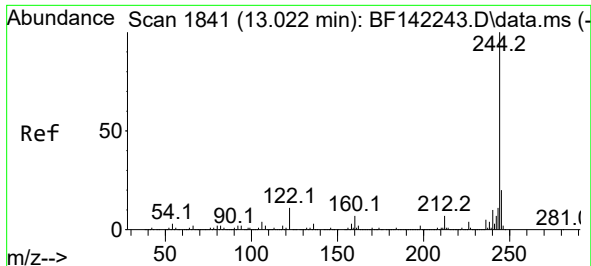
Tgt Ion:188 Resp: 640352
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 9.9 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142288.D
Acq: 02 May 2025 18:46

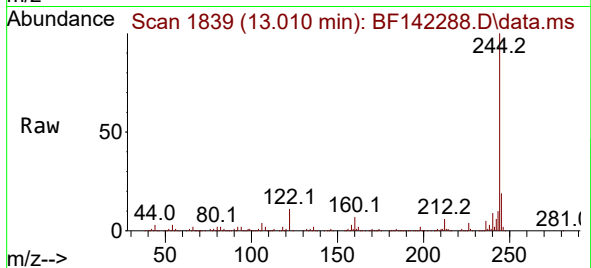
Tgt Ion:240 Resp: 375768
Ion Ratio Lower Upper
240 100
120 12.0 10.1 15.1
236 25.1 20.5 30.7



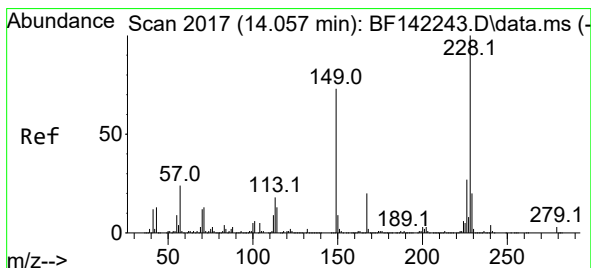
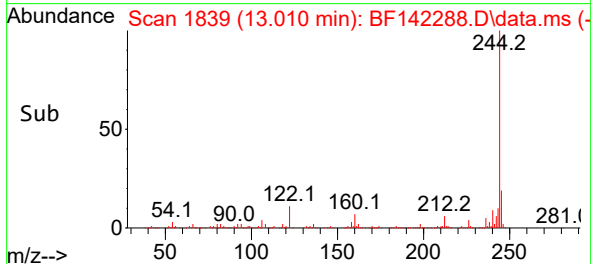
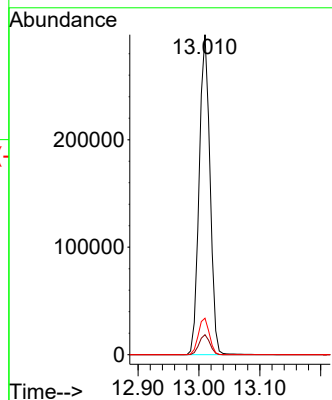


#79
 Terphenyl-d14
 Concen: 14.158 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF142288.D
 Acq: 02 May 2025 18:46

Instrument :
 BNA_F
 ClientSampleId :
 COMP-6

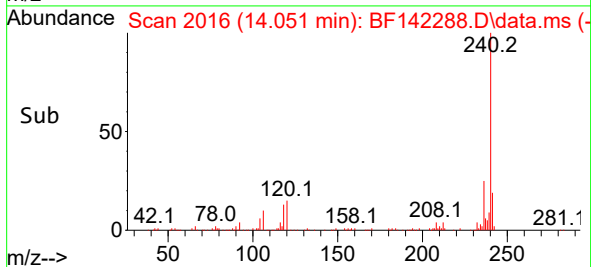
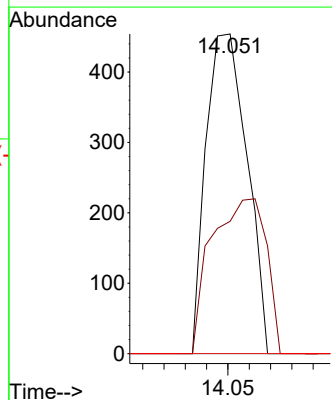
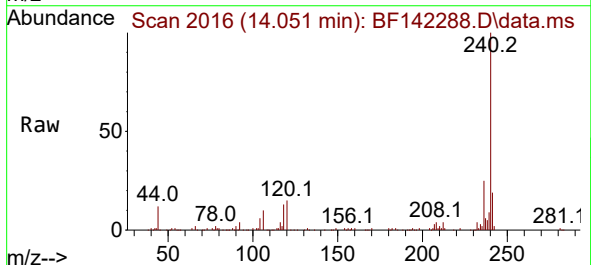


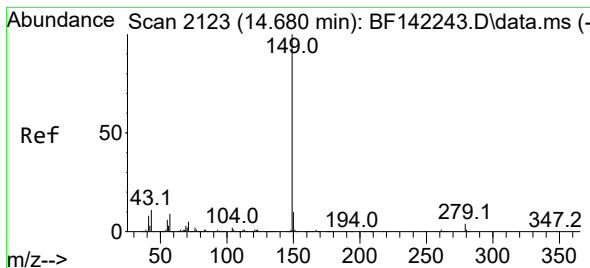
Tgt Ion:244 Resp: 365801
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.3 7.9
 122 11.4 9.1 13.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.497 ng
 RT: 14.051 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: BF142288.D
 Acq: 02 May 2025 18:46

Tgt Ion:149 Resp: 607
 Ion Ratio Lower Upper
 149 100
 167 41.4 21.7 32.5#
 279 0.0 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 6.072 ng

RT: 14.669 min Scan# 2121

Delta R.T. -0.011 min

Lab File: BF142288.D

Acq: 02 May 2025 18:46

Instrument :

BNA_F

ClientSampleId :

COMP-6

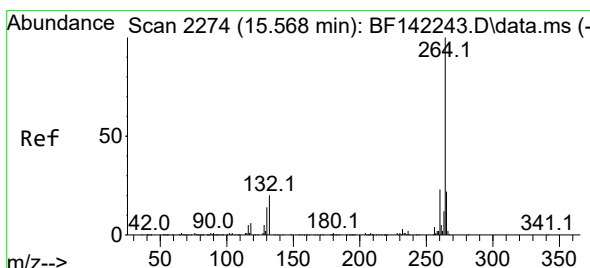
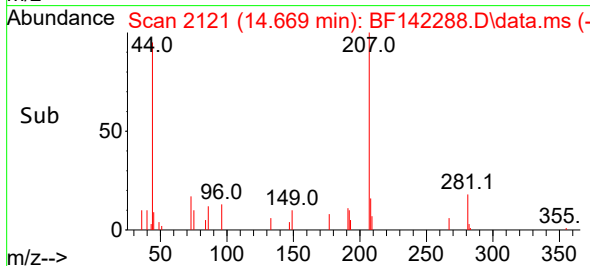
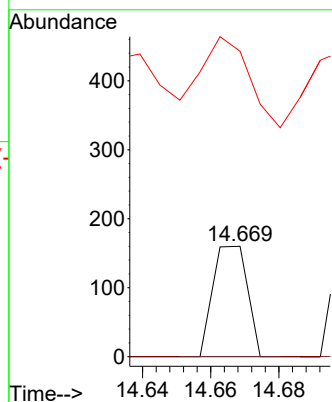
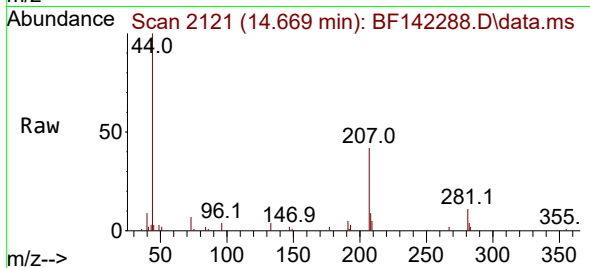
Tgt Ion:149 Resp: 113

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

43 111.5 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: BF142288.D

Acq: 02 May 2025 18:46

Tgt Ion:264 Resp: 286534

Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 21.4 17.3 25.9

