

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142287.D
 Acq On : 02 May 2025 18:16
 Operator : RC/JU
 Sample : Q1932-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

Quant Time: May 02 22:48:39 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)

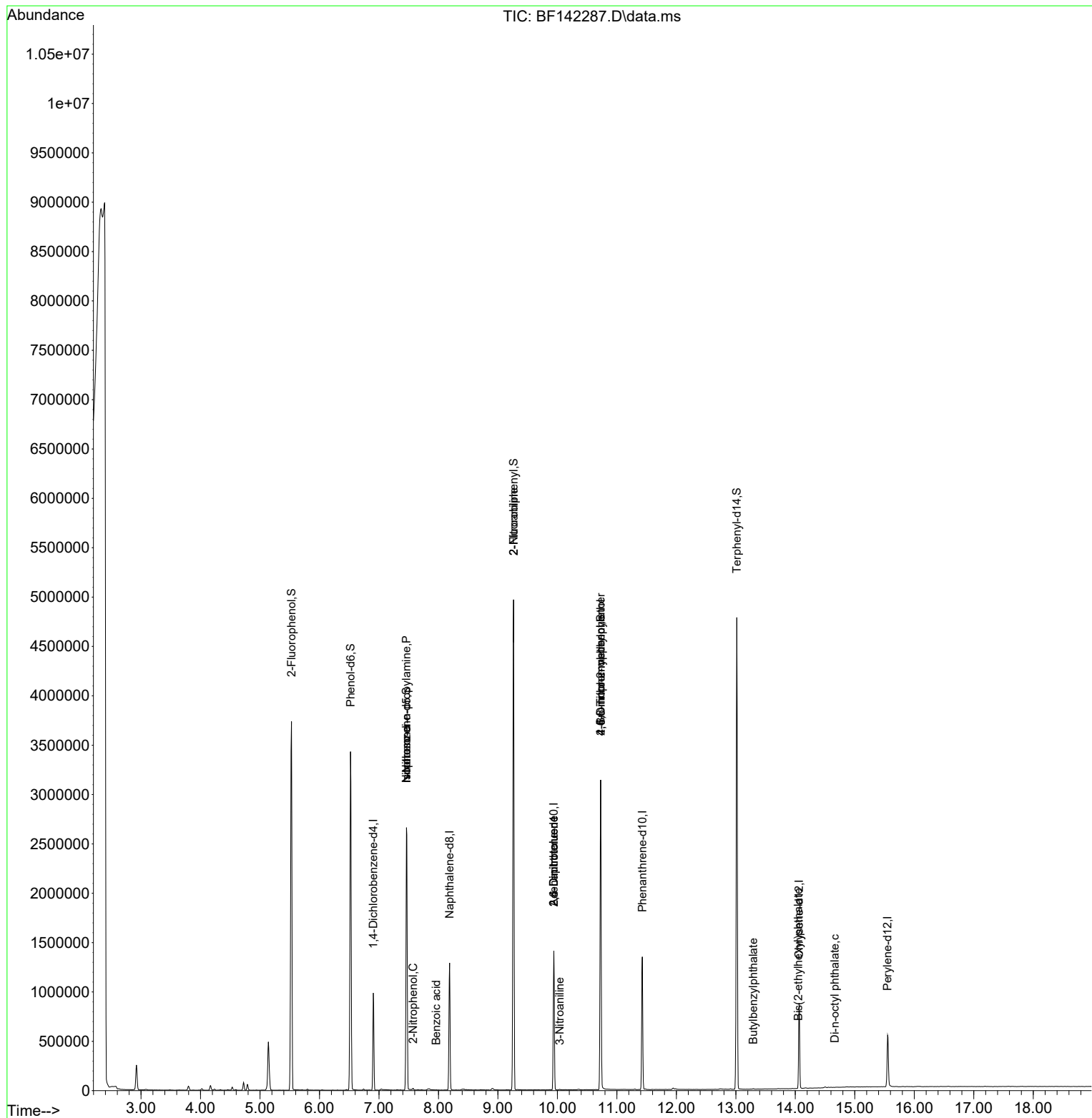
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	207212	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	793985	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	409234	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	678647	20.000	ng	0.00
76) Chrysene-d12	14.063	240	416027	20.000	ng	-0.01
86) Perylene-d12	15.551	264	314765	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1488361	114.714	ng	0.01
7) Phenol-d6	6.522	99	1669274	106.542	ng	0.00
23) Nitrobenzene-d5	7.463	82	1171737	96.954	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	567141	152.019	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2258835	77.825	ng	0.00
79) Terphenyl-d14	13.016	244	2333374	81.573	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	159332	16.457	ng	# 81
25) Isophorone	7.463	82	1168959	46.087	ng	# 64
26) 2-Nitrophenol	7.575	139	231	4.982	ng	# 34
32) Benzoic acid	7.963	122	317	10.848	ng	# 65
48) 2-Nitroaniline	9.263	65	3486	5.272	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	53710	13.824	ng	# 23
53) 3-Nitroaniline	10.039	138	287	3.233	ng	# 2
57) 2,4-Dinitrotoluene	9.939	165	53710	12.937	ng	# 23
65) 4,6-Dinitro-2-methylph...	10.727	198	1079	10.987	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	34907	4.619	ng	# 1
80) Butylbenzylphthalate	13.292	149	416	3.753	ng	# 80
84) Bis(2-ethylhexyl)phtha...	14.051	149	560	3.490	ng	# 65
85) Di-n-octyl phthalate	14.663	149	119	6.072	ng	# 73

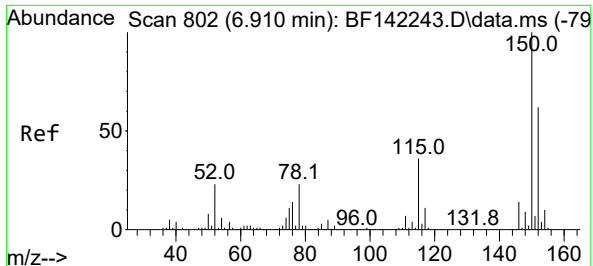
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
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QLast Update : Wed Apr 30 16:00:01 2025
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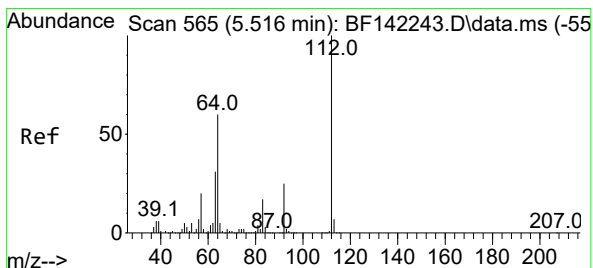
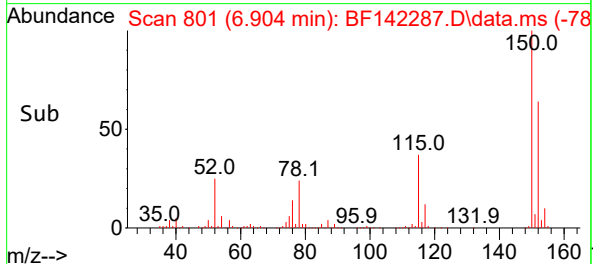
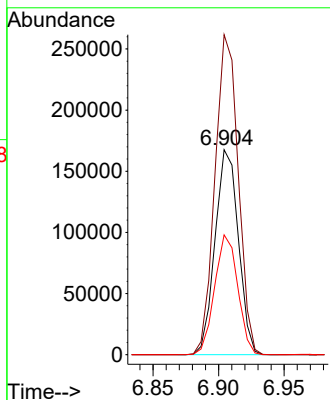
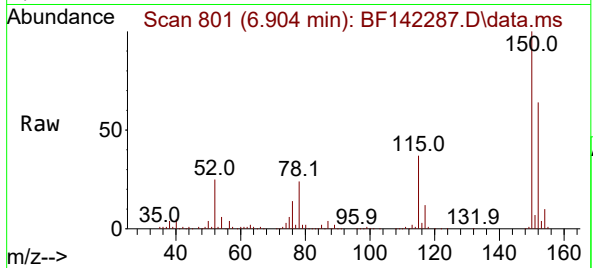




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142287.D
Acq: 02 May 2025 18:16

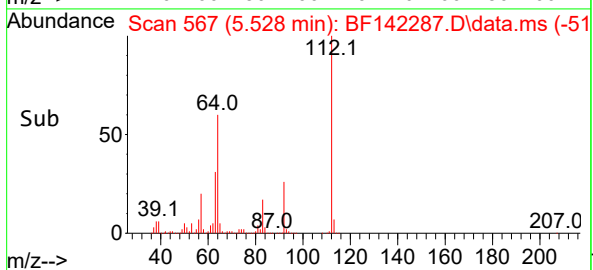
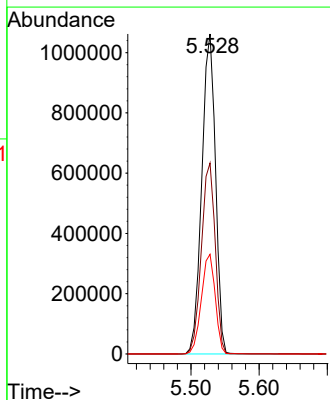
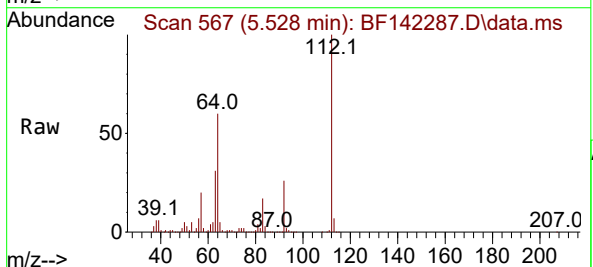
Instrument :
BNA_F
ClientSampleId :
COMP-5

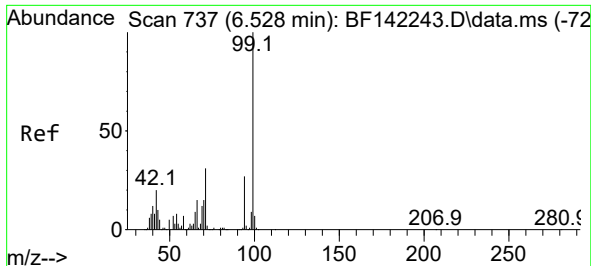
Tgt Ion:152 Resp: 207212
Ion Ratio Lower Upper
152 100
150 156.1 130.2 195.2
115 58.4 47.0 70.4



#5
2-Fluorophenol
Concen: 114.714 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142287.D
Acq: 02 May 2025 18:16

Tgt Ion:112 Resp: 1488361
Ion Ratio Lower Upper
112 100
64 59.7 48.4 72.6
63 31.2 24.8 37.2

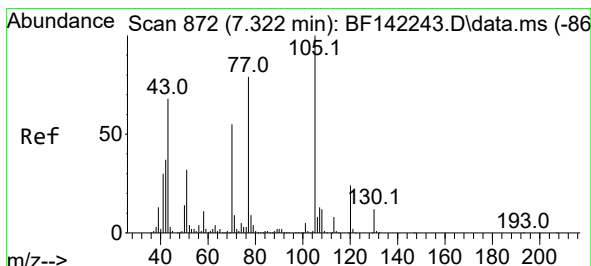
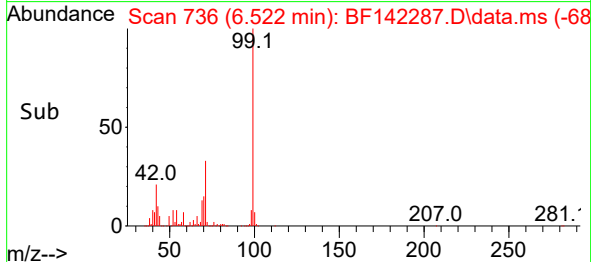
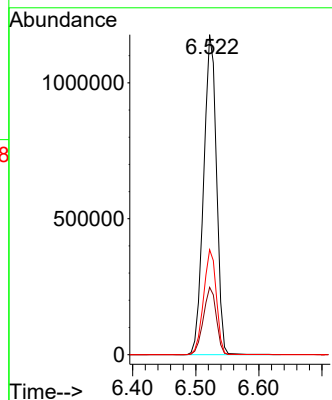
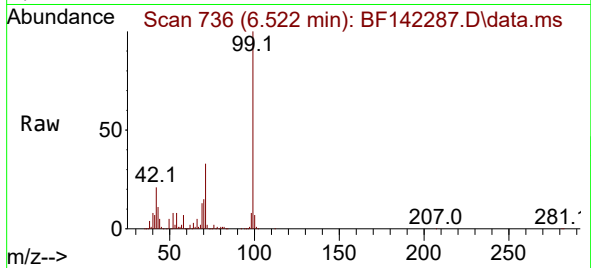




#7
Phenol-d6
Concen: 106.542 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142287.D
Acq: 02 May 2025 18:16

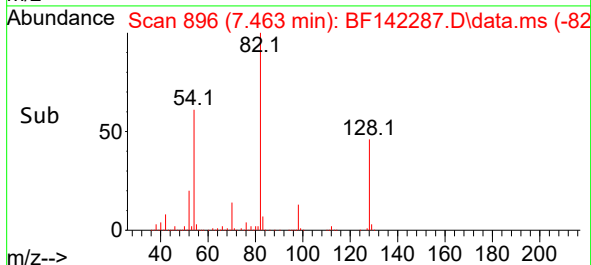
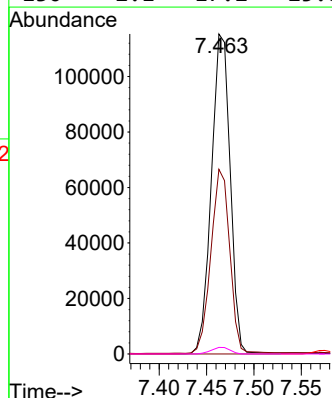
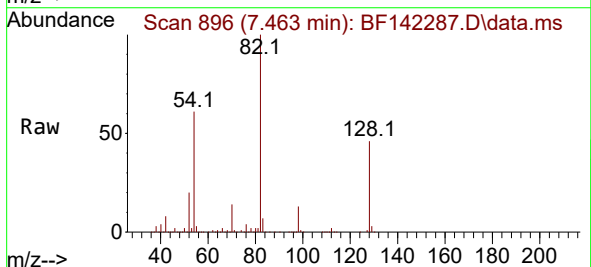
Instrument :
BNA_F
ClientSampleId :
COMP-5

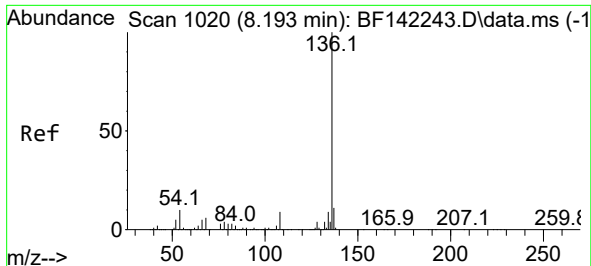
Tgt Ion: 99 Resp: 1669274
Ion Ratio Lower Upper
99 100
42 21.1 16.3 24.5
71 32.8 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.457 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF142287.D
Acq: 02 May 2025 18:16

Tgt Ion: 70 Resp: 159332
Ion Ratio Lower Upper
70 100
42 57.7 53.4 80.2
101 0.0 7.7 11.5#
130 2.1 17.2 25.8#

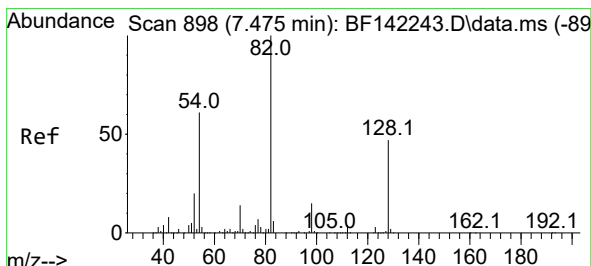
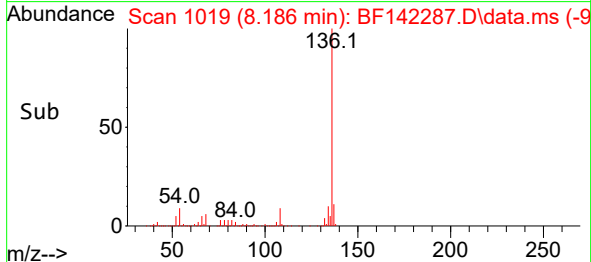
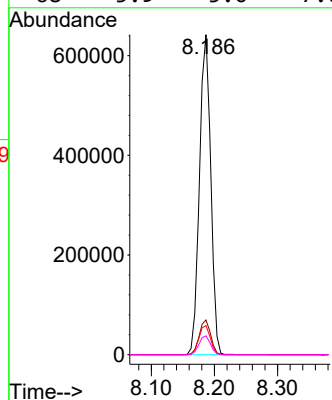
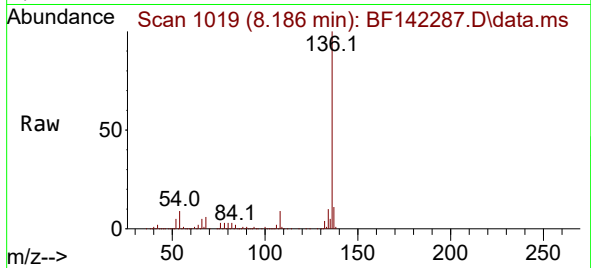




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142287.D
Acq: 02 May 2025 18:16

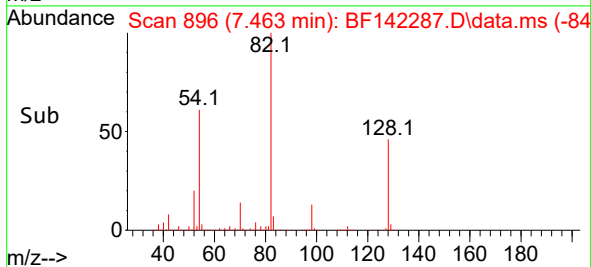
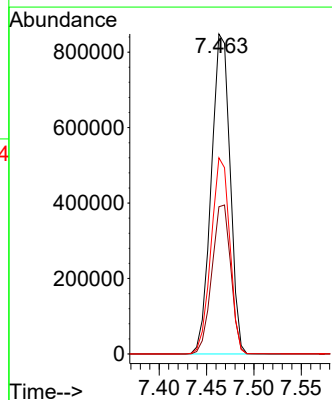
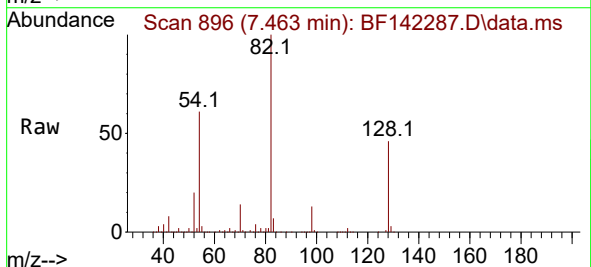
Instrument :
BNA_F
ClientSampleId :
COMP-5

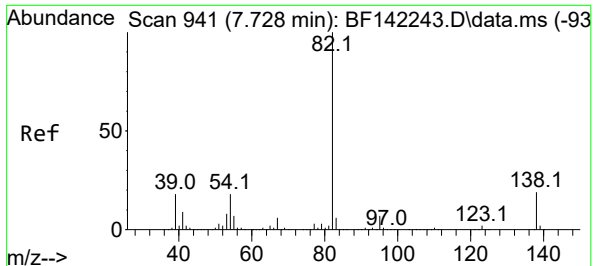
Tgt Ion:136 Resp: 793985
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.1 7.7 11.5
68 5.9 5.0 7.6



#23
Nitrobenzene-d5
Concen: 96.954 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF142287.D
Acq: 02 May 2025 18:16

Tgt Ion: 82 Resp: 1171737
Ion Ratio Lower Upper
82 100
128 46.0 37.0 55.6
54 61.3 48.0 72.0

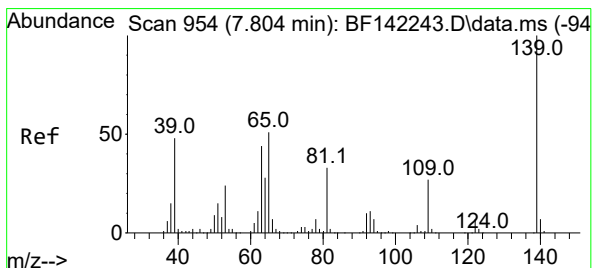
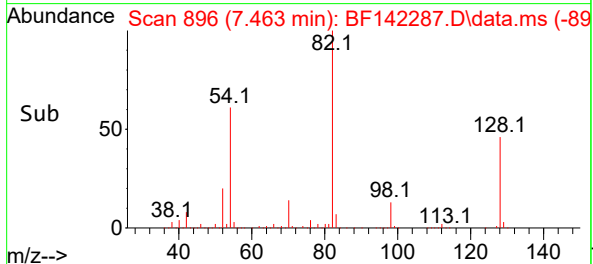
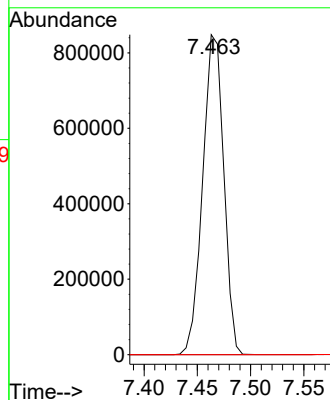
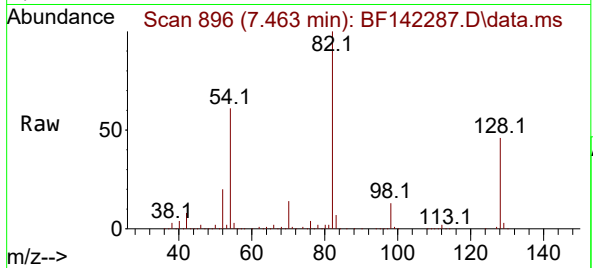




#25
Isophorone
Concen: 46.087 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142287.D
Acq: 02 May 2025 18:16

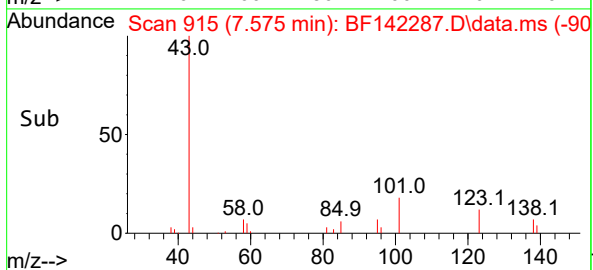
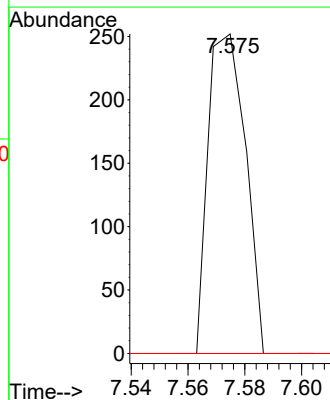
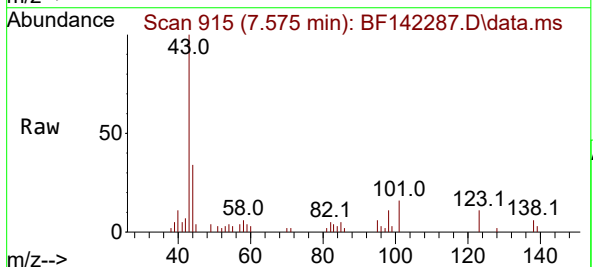
Instrument :
BNA_F
ClientSampleId :
COMP-5

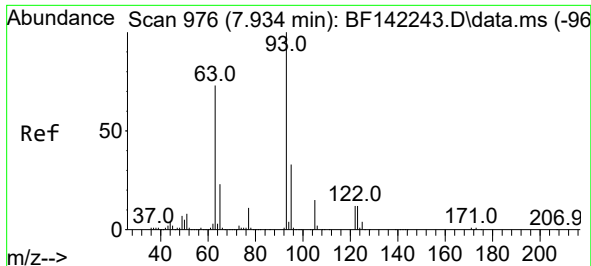
Tgt Ion: 82 Resp: 1168959
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.3 22.9#



#26
2-Nitrophenol
Concen: 4.982 ng
RT: 7.575 min Scan# 915
Delta R.T. -0.229 min
Lab File: BF142287.D
Acq: 02 May 2025 18:16

Tgt Ion:139 Resp: 231
Ion Ratio Lower Upper
139 100
109 0.0 21.8 32.8#
65 0.0 41.1 61.7#

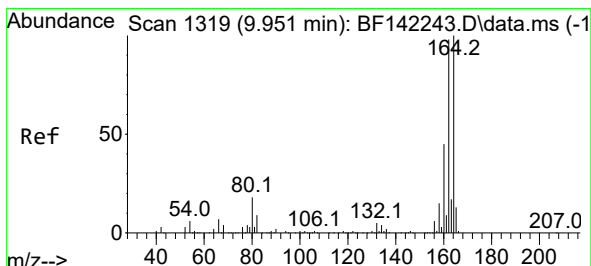
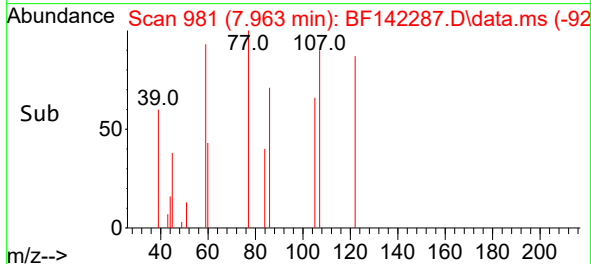
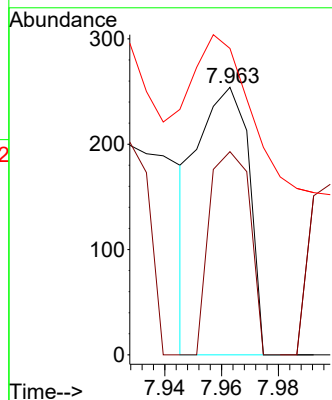
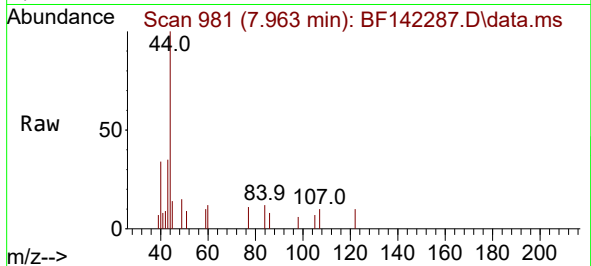




#32
Benzoic acid
Concen: 10.848 ng
RT: 7.963 min Scan# 91
Delta R.T. 0.029 min
Lab File: BF142287.D
Acq: 02 May 2025 18:16

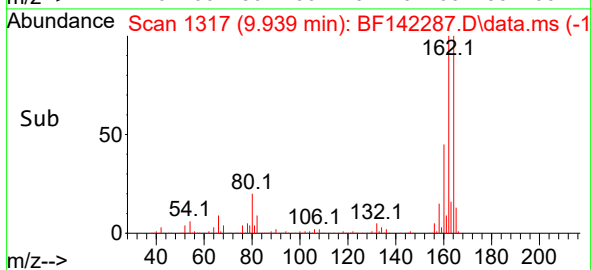
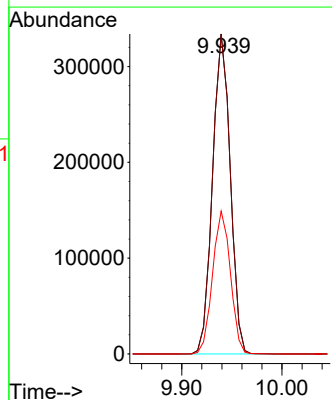
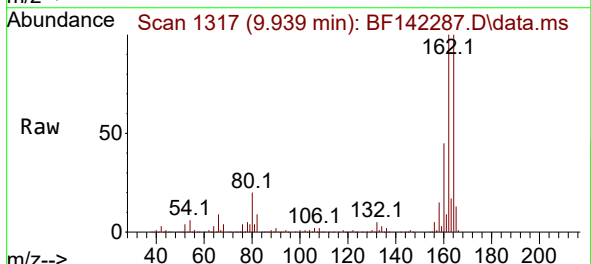
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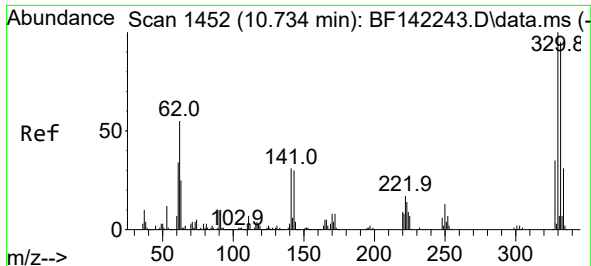
Tgt Ion:122 Resp: 317
Ion Ratio Lower Upper
122 100
105 76.0 98.2 138.2#
77 114.6 66.8 106.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.012 min
Lab File: BF142287.D
Acq: 02 May 2025 18:16

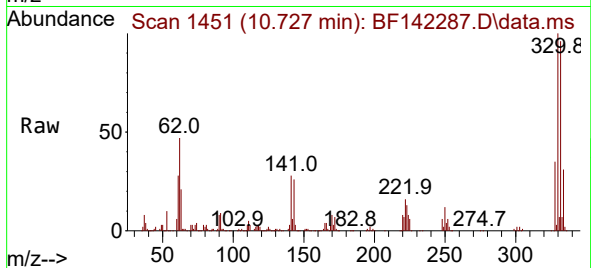
Tgt Ion:164 Resp: 409234
Ion Ratio Lower Upper
164 100
162 99.8 78.6 117.8
160 44.6 35.7 53.5



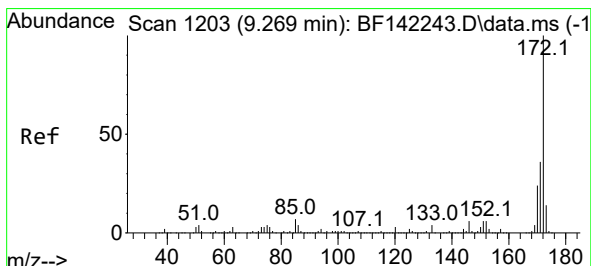
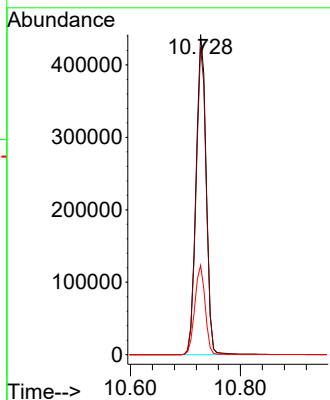
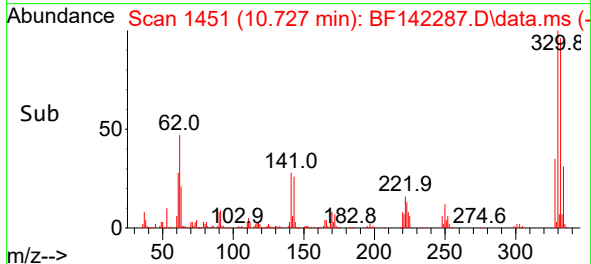


#42
2,4,6-Tribromophenol
Concen: 152.019 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142287.D
Acq: 02 May 2025 18:16

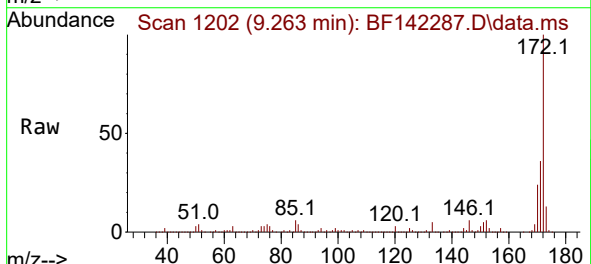
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ClientSampleId :
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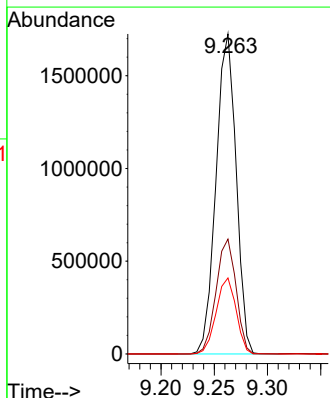
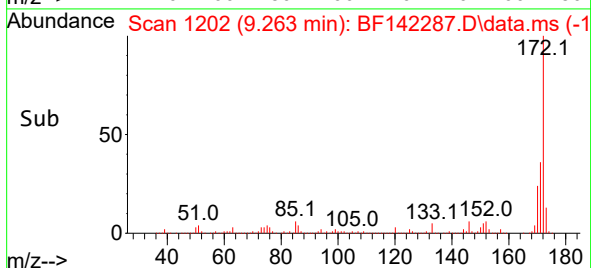
Tgt Ion:330 Resp: 567141
Ion Ratio Lower Upper
330 100
332 96.0 76.5 114.7
141 28.5 24.3 36.5

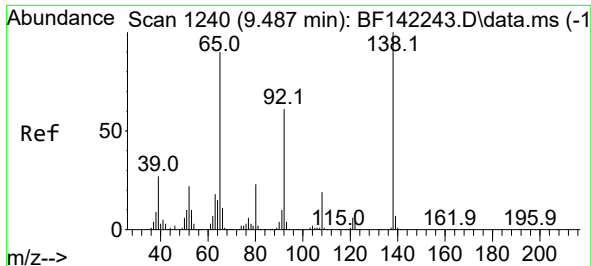


#45
2-Fluorobiphenyl
Concen: 77.825 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142287.D
Acq: 02 May 2025 18:16



Tgt Ion:172 Resp: 2258835
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 23.7 19.4 29.0

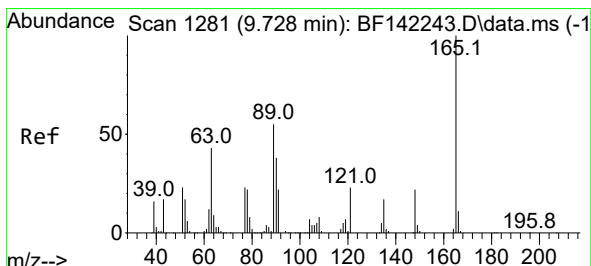
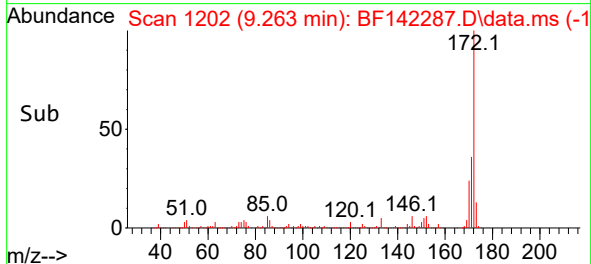
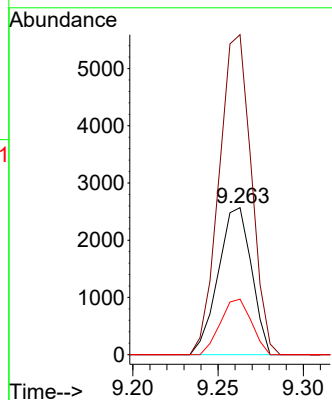
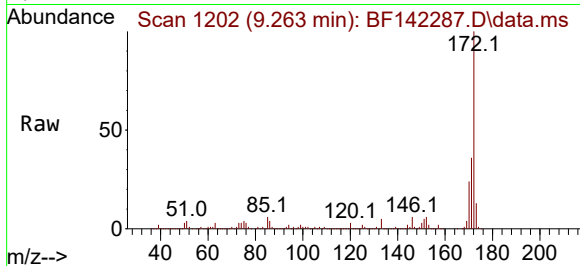




#48
2-Nitroaniline
Concen: 5.272 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.224 min
Lab File: BF142287.D
Acq: 02 May 2025 18:16

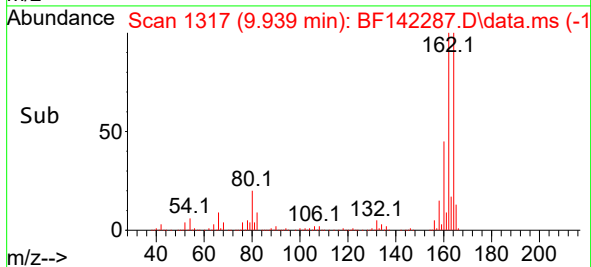
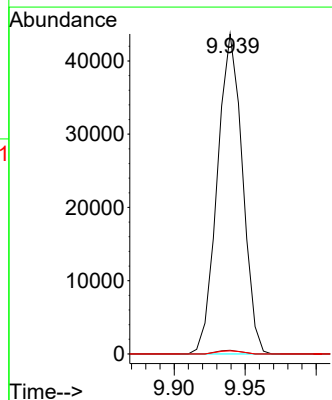
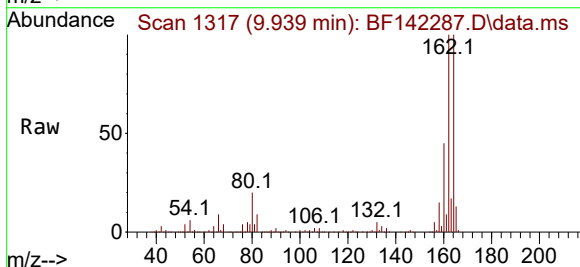
Instrument :
BNA_F
ClientSampleId :
COMP-5

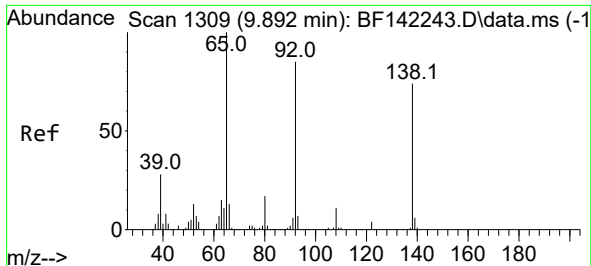
Tgt Ion: 65 Resp: 3486
Ion Ratio Lower Upper
65 100
92 217.7 54.3 81.5#
138 37.8 88.6 133.0#



#51
2,6-Dinitrotoluene
Concen: 13.824 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.211 min
Lab File: BF142287.D
Acq: 02 May 2025 18:16

Tgt Ion:165 Resp: 53710
Ion Ratio Lower Upper
165 100
63 1.1 48.5 72.7#
89 1.0 43.9 65.9#

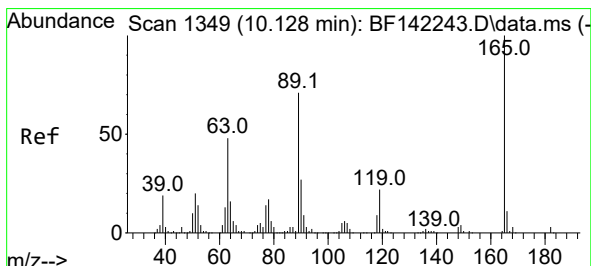
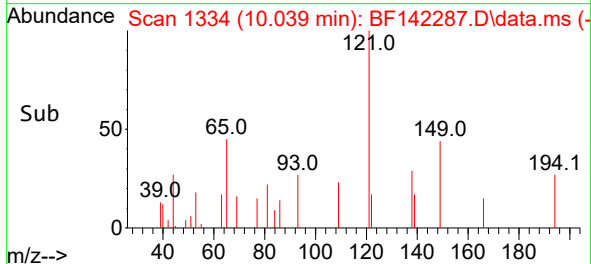
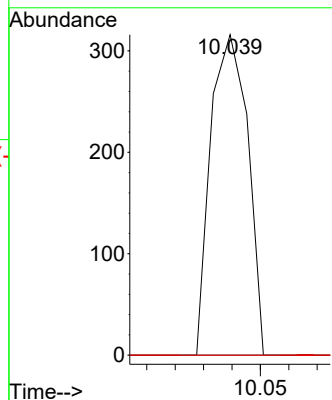
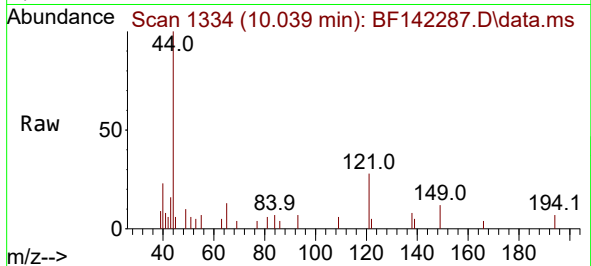




#53
3-Nitroaniline
Concen: 3.233 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.147 min
Lab File: BF142287.D
Acq: 02 May 2025 18:16

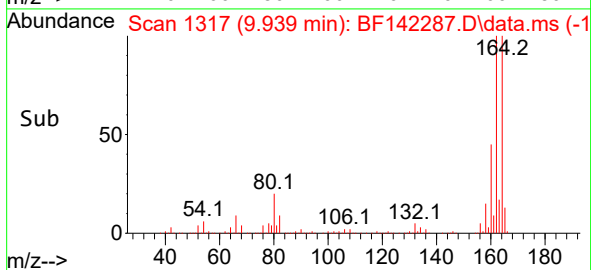
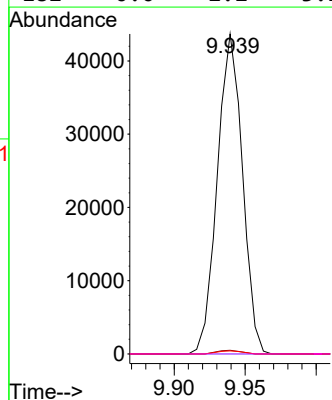
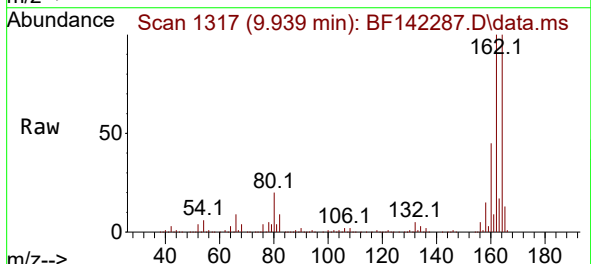
Instrument :
BNA_F
ClientSampleId :
COMP-5

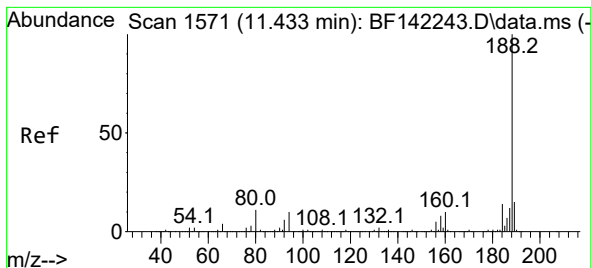
Tgt Ion:138 Resp: 287
Ion Ratio Lower Upper
138 100
108 0.0 11.7 17.5#
92 0.0 91.2 136.8#



#57
2,4-Dinitrotoluene
Concen: 12.937 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.189 min
Lab File: BF142287.D
Acq: 02 May 2025 18:16

Tgt Ion:165 Resp: 53710
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#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142287.D

Acq: 02 May 2025 18:16

Instrument :

BNA_F

ClientSampleId :

COMP-5

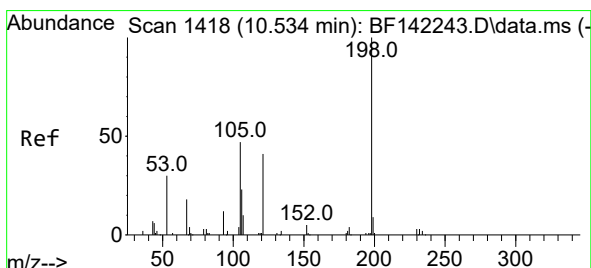
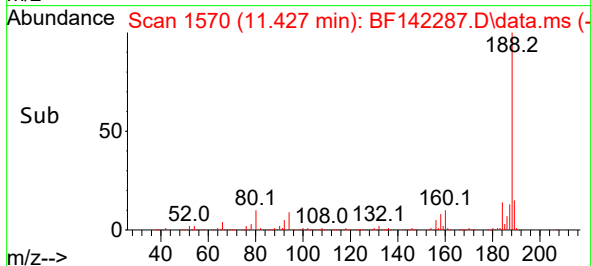
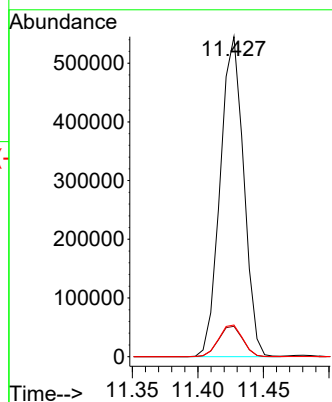
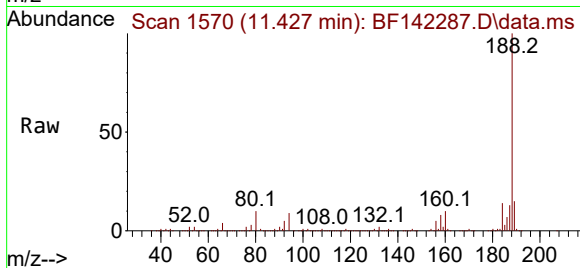
Tgt Ion:188 Resp: 678647

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

80 9.9 8.6 12.8



#65

4,6-Dinitro-2-methylphenol

Concen: 10.987 ng

RT: 10.727 min Scan# 1451

Delta R.T. 0.193 min

Lab File: BF142287.D

Acq: 02 May 2025 18:16

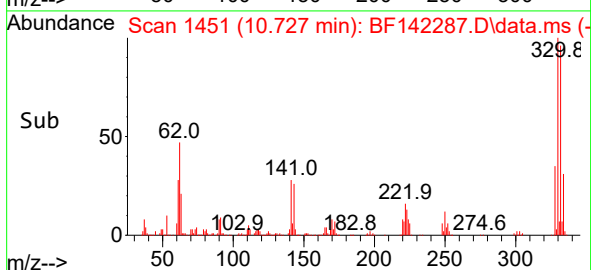
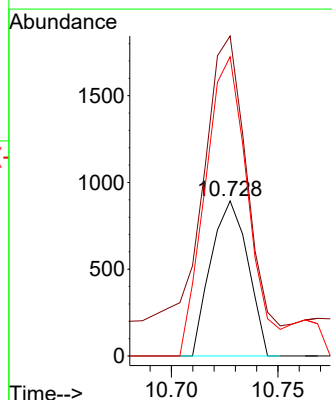
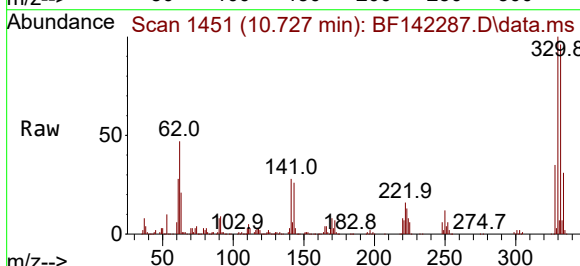
Tgt Ion:198 Resp: 1079

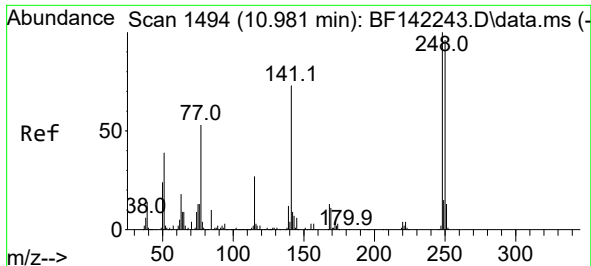
Ion Ratio Lower Upper

198 100

51 206.3 40.6 80.6#

105 192.8 29.2 69.2#

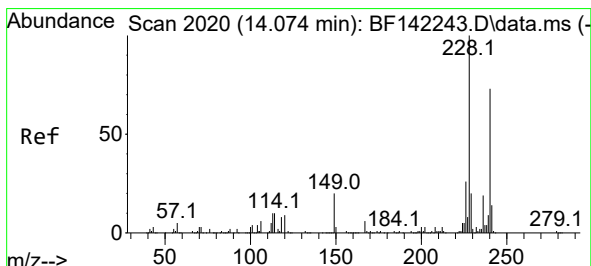
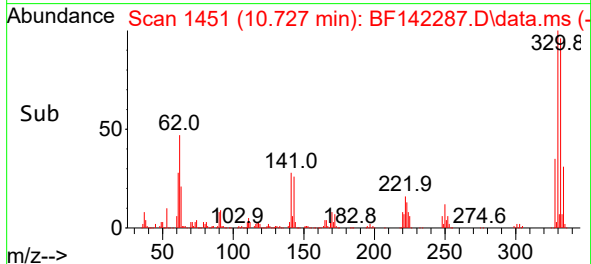
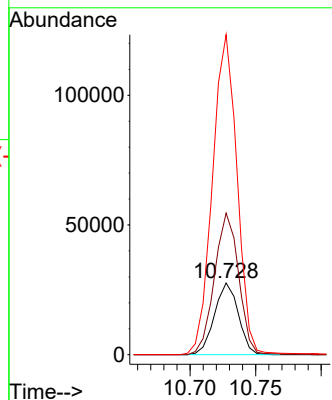
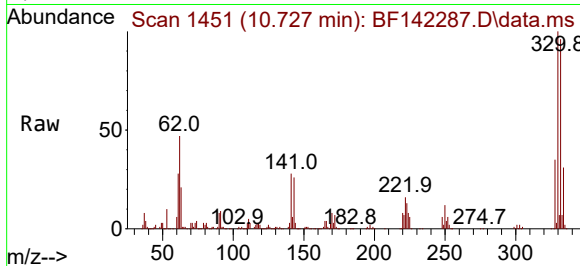




#67
4-Bromophenyl-phenylether
Concen: 4.619 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF142287.D
Acq: 02 May 2025 18:16

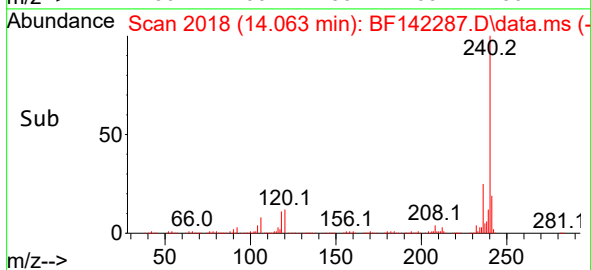
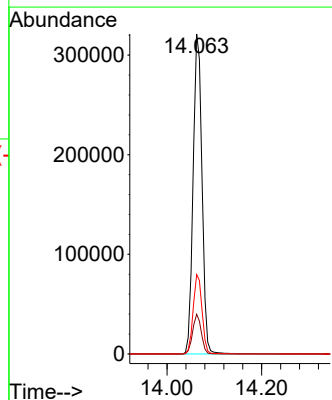
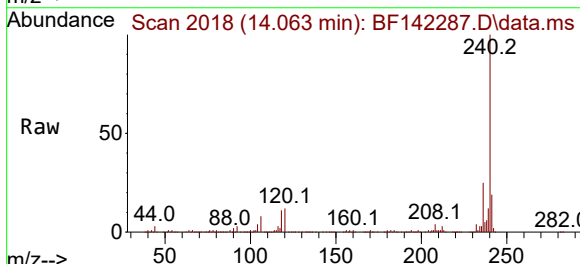
Instrument :
BNA_F
ClientSampleId :
COMP-5

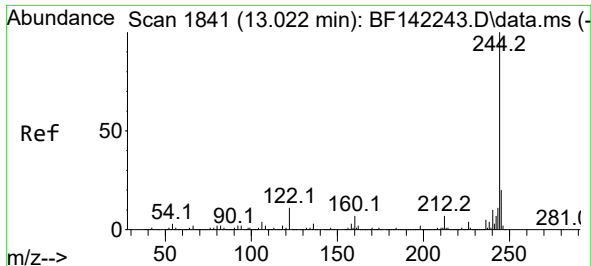
Tgt Ion:248 Resp: 34907
Ion Ratio Lower Upper
248 100
250 197.3 77.2 115.8#
141 445.9 58.4 87.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142287.D
Acq: 02 May 2025 18:16

Tgt Ion:240 Resp: 416027
Ion Ratio Lower Upper
240 100
120 12.4 10.1 15.1
236 24.8 20.5 30.7

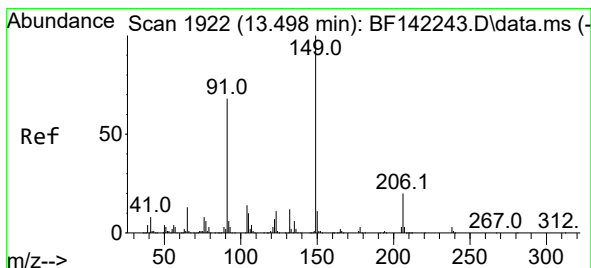
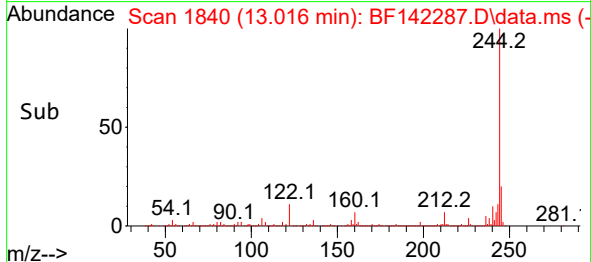
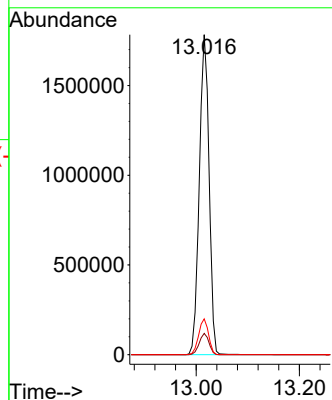
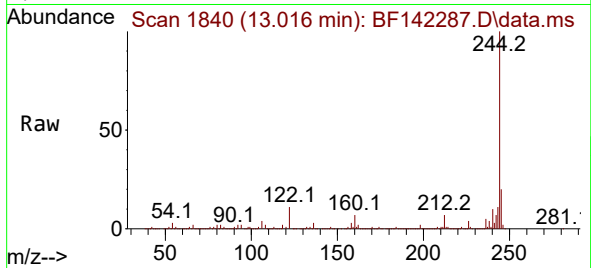




#79
 Terphenyl-d14
 Concen: 81.573 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142287.D
 Acq: 02 May 2025 18:16

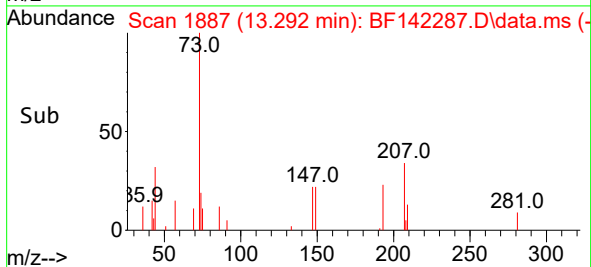
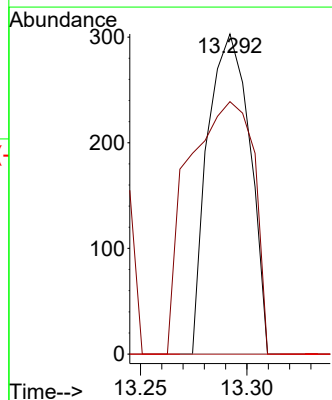
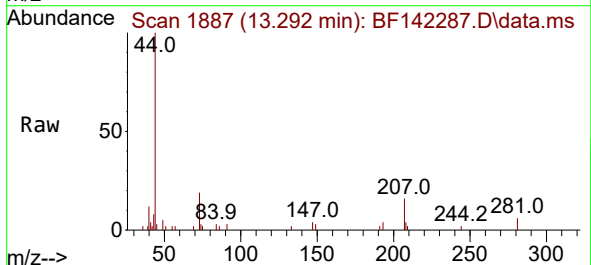
Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

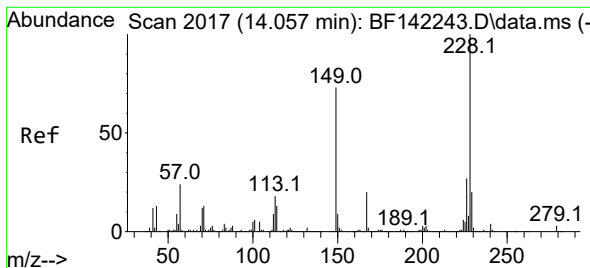
Tgt Ion:244 Resp: 2333374
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 11.2 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 3.753 ng
 RT: 13.292 min Scan# 1887
 Delta R.T. -0.206 min
 Lab File: BF142287.D
 Acq: 02 May 2025 18:16

Tgt Ion:149 Resp: 416
 Ion Ratio Lower Upper
 149 100
 91 78.9 54.4 81.6
 206 0.0 15.9 23.9#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.490 ng

RT: 14.051 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF142287.D

Acq: 02 May 2025 18:16

Instrument :

BNA_F

ClientSampleId :

COMP-5

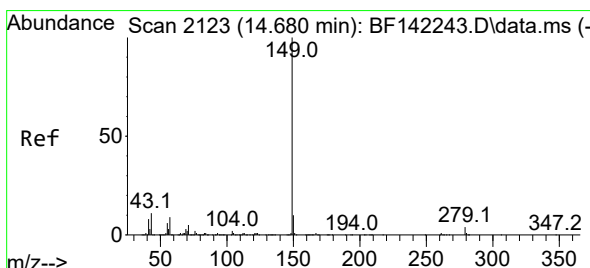
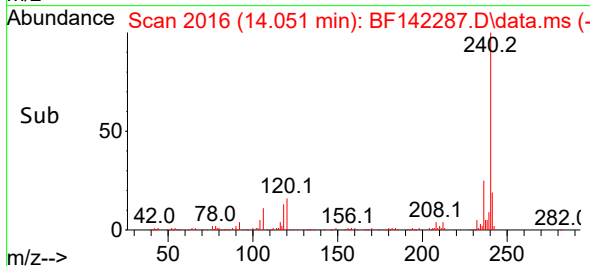
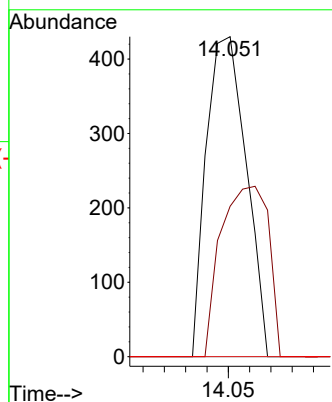
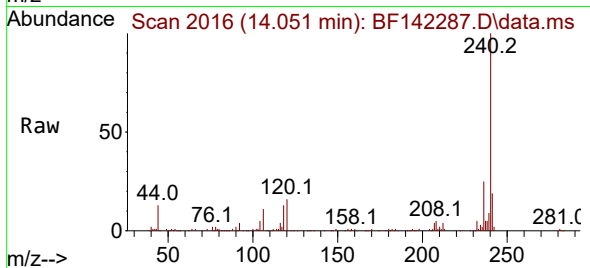
Tgt Ion:149 Resp: 560

Ion Ratio Lower Upper

149 100

167 47.0 21.7 32.5#

279 0.0 3.0 4.4#



#85

Di-n-octyl phthalate

Concen: 6.072 ng

RT: 14.663 min Scan# 2120

Delta R.T. -0.017 min

Lab File: BF142287.D

Acq: 02 May 2025 18:16

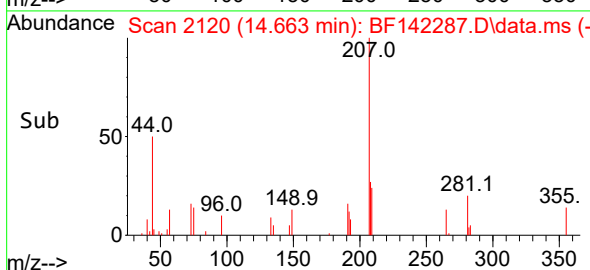
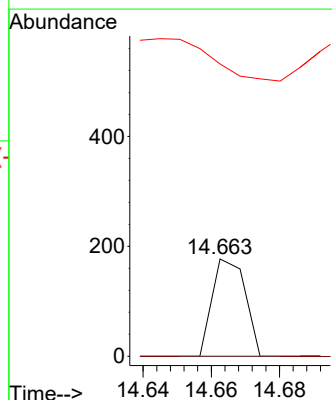
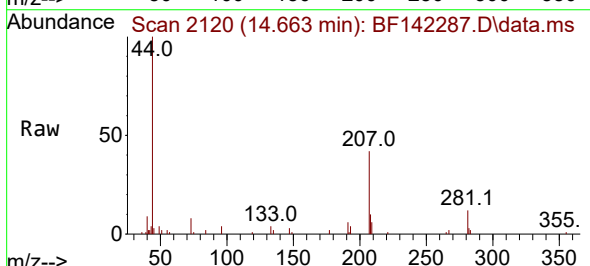
Tgt Ion:149 Resp: 119

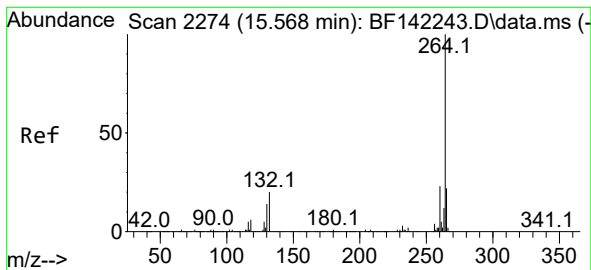
Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

43 0.0 9.3 13.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF142287.D
Acq: 02 May 2025 18:16

Instrument :
BNA_F
ClientSampleId :
COMP-5

Tgt Ion:264 Resp: 314765
Ion Ratio Lower Upper
264 100
260 22.8 18.4 27.6
265 21.4 17.3 25.9

