

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127887.D
 Acq On : 25 Apr 2022 18:26
 Operator : CG\JU
 Sample : N2548-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-8S

Quant Time: Apr 26 05:39:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

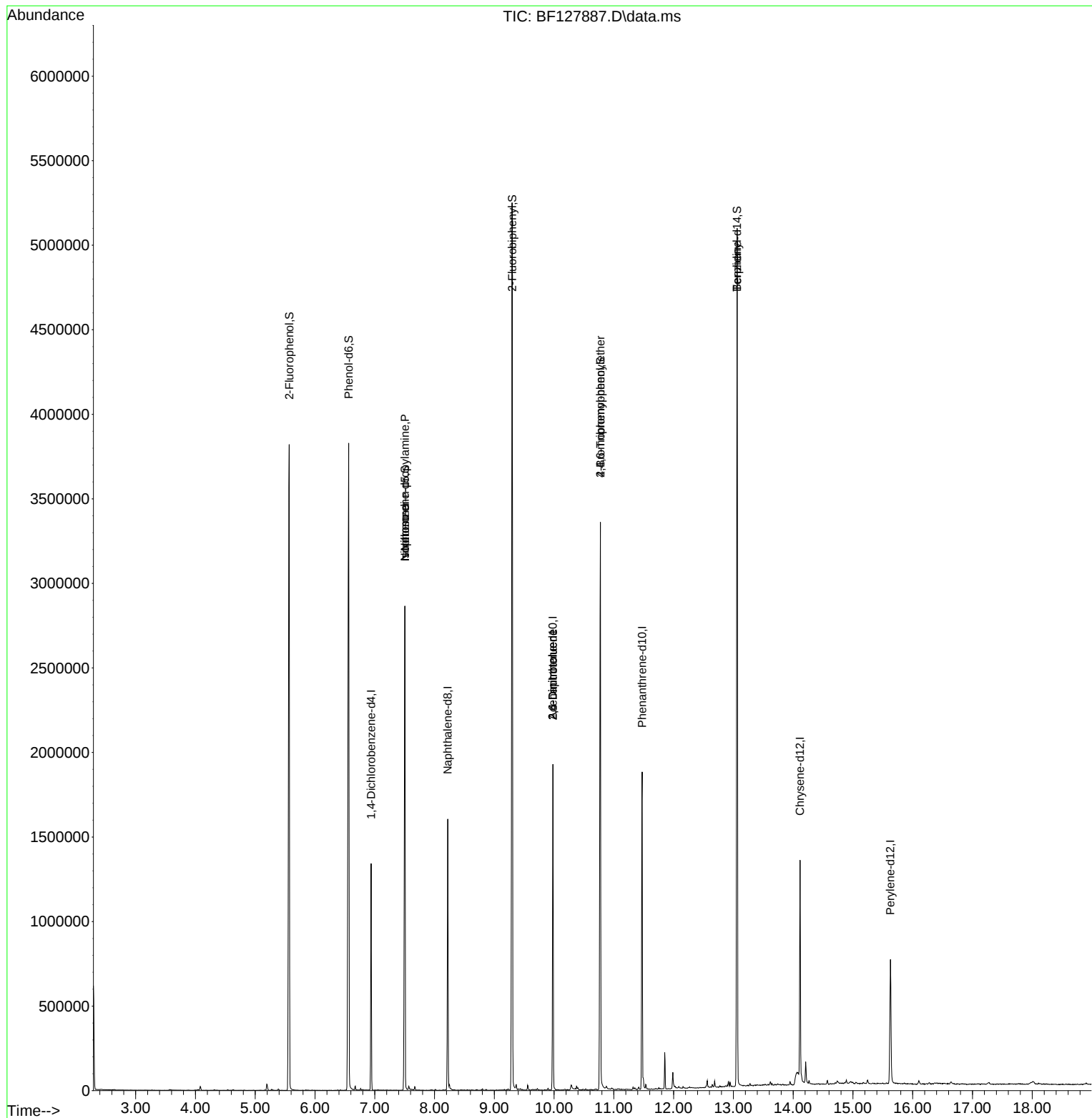
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	168757	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	672200	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	385272	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	719040	20.000	ng	0.00
76) Chrysene-d12	14.115	240	447496	20.000	ng	#-0.01
86) Perylene-d12	15.627	264	356796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1100399	103.859	ng	0.00
7) Phenol-d6	6.563	99	1441663	104.865	ng	0.00
23) Nitrobenzene-d5	7.504	82	1038073	72.619	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	412256	106.295	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1667321	73.213	ng	0.00
79) Terphenyl-d14	13.063	244	1919104	78.419	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.504	70	140779	16.728	ng	# 79
25) Isophorone	7.504	82	1038062	43.146	ng	# 68
51) 2,6-Dinitrotoluene	9.980	165	50258	8.984	ng	# 21
57) 2,4-Dinitrotoluene	9.980	165	50258	6.782	ng	# 25
67) 4-Bromophenyl-phenylether	10.774	248	25345	3.180	ng	# 1
77) Benzidine	13.063	184	27656	3.266	ng	# 94

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

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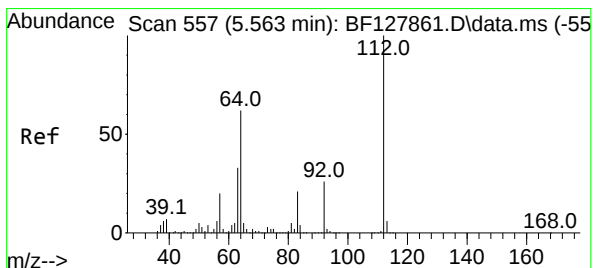
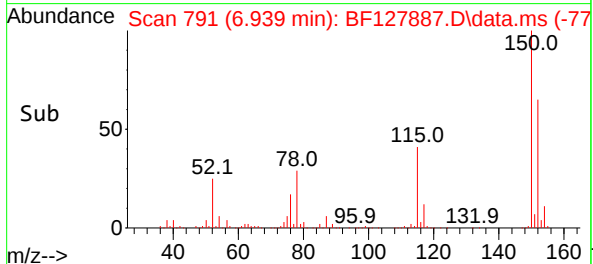
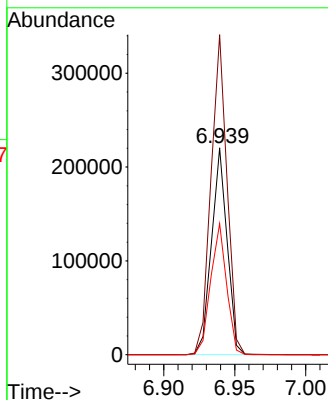
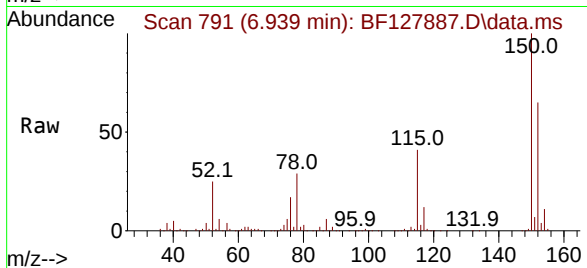




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF127887.D
Acq: 25 Apr 2022 18:26

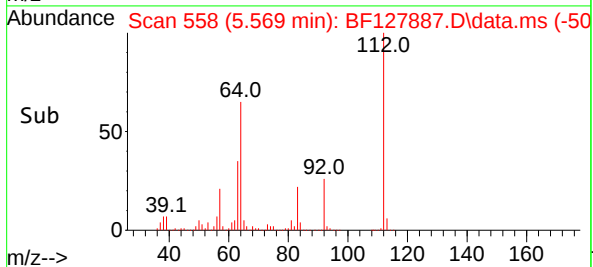
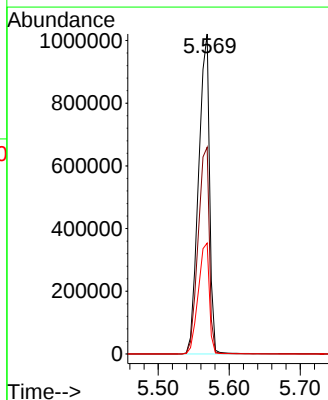
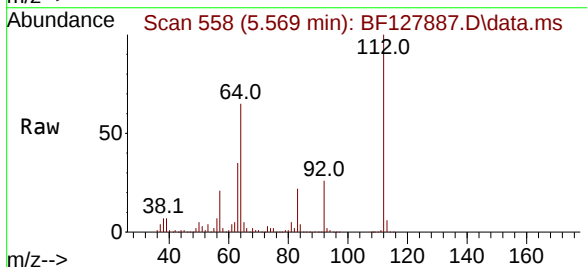
Instrument :
BNA_F
ClientSampleId :
MH-8S

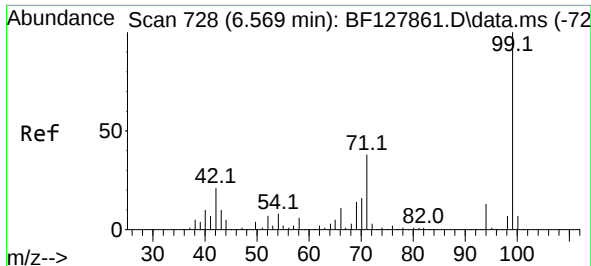
Tgt Ion:152 Resp: 168757
Ion Ratio Lower Upper
152 100
150 154.7 125.3 187.9
115 63.3 48.8 73.2



#5
2-Fluorophenol
Concen: 103.859 ng
RT: 5.569 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF127887.D
Acq: 25 Apr 2022 18:26

Tgt Ion:112 Resp: 1100399
Ion Ratio Lower Upper
112 100
64 64.6 49.5 74.3
63 34.6 26.3 39.5

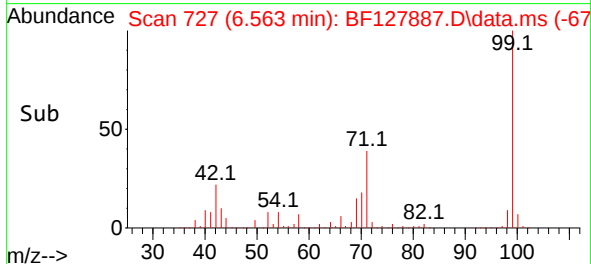
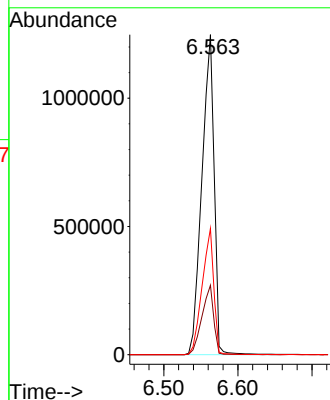
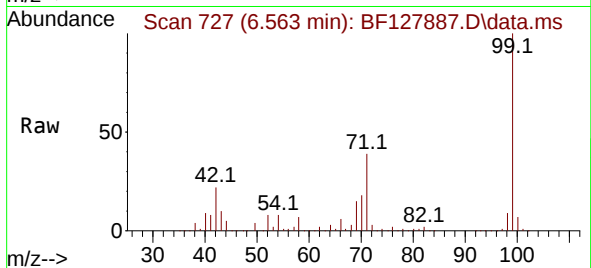




#7
Phenol-d6
Concen: 104.865 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127887.D
Acq: 25 Apr 2022 18:26

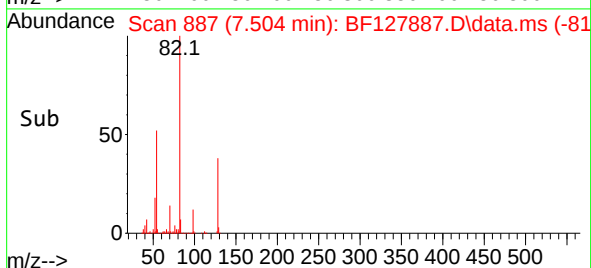
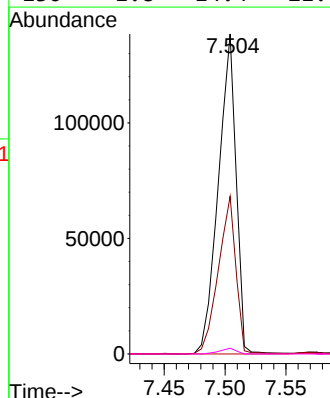
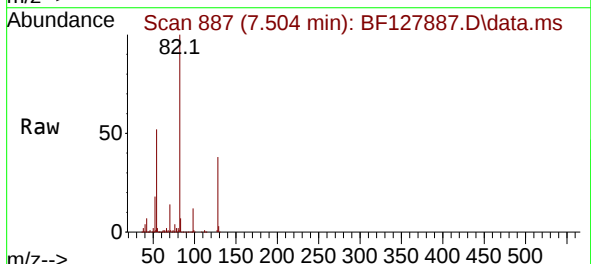
Instrument :
BNA_F
ClientSampleId :
MH-8S

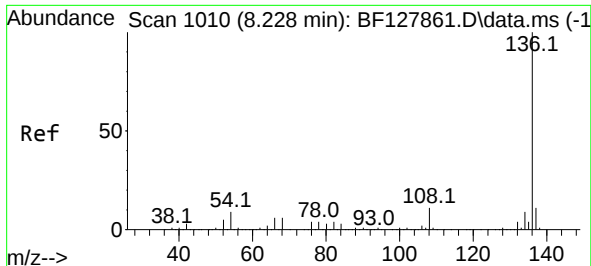
Tgt Ion: 99 Resp: 1441663
Ion Ratio Lower Upper
99 100
42 21.7 16.6 24.8
71 39.4 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.728 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF127887.D
Acq: 25 Apr 2022 18:26

Tgt Ion: 70 Resp: 140779
Ion Ratio Lower Upper
70 100
42 49.2 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

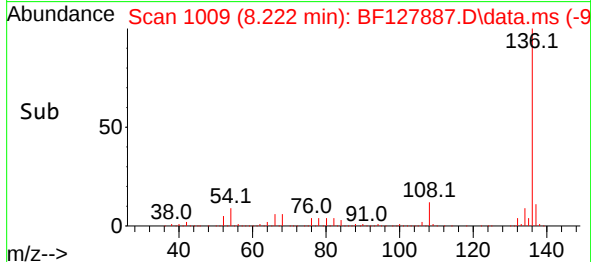
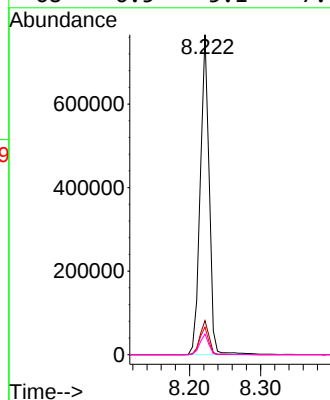
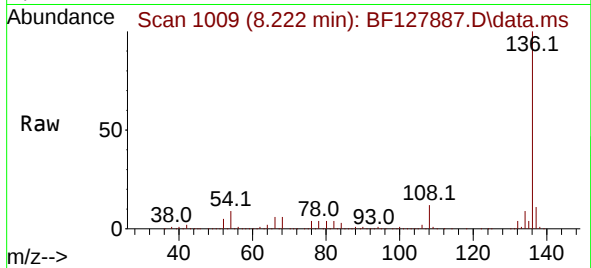




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF127887.D
Acq: 25 Apr 2022 18:26

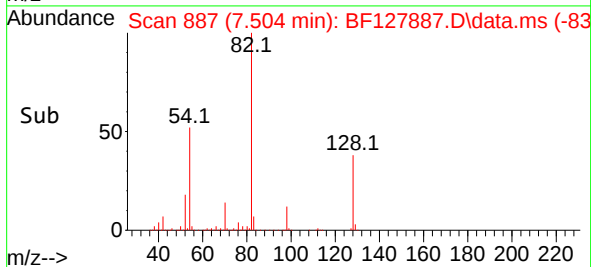
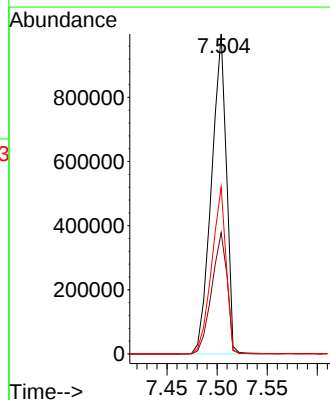
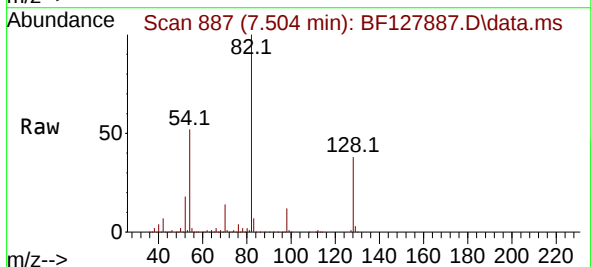
Instrument :
BNA_F
ClientSampleId :
MH-8S

Tgt Ion:136	Resp: 672200
Ion Ratio	Lower Upper
136 100	
137 10.6	8.6 13.0
54 8.6	6.8 10.2
68 6.5	5.1 7.7



#23
Nitrobenzene-d5
Concen: 72.619 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF127887.D
Acq: 25 Apr 2022 18:26

Tgt Ion: 82		Resp: 1038073	
Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.0	45.0
54	52.1	41.3	61.9

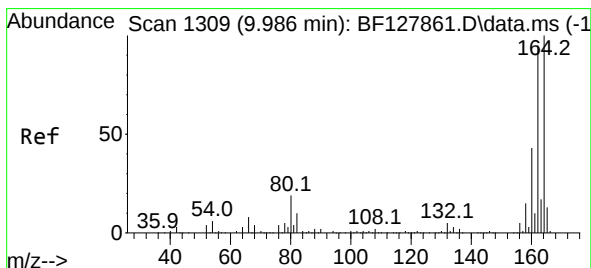
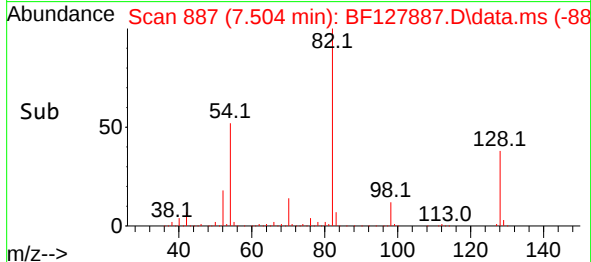
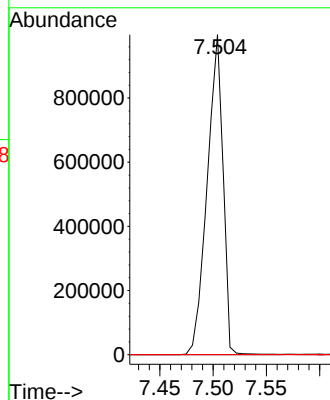
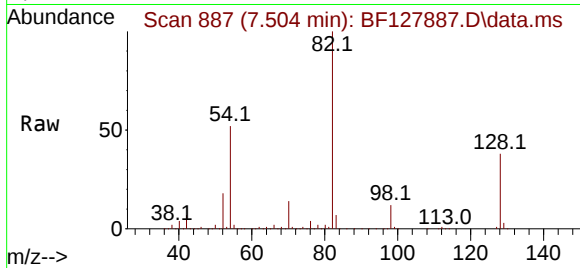




#25
Isophorone
Concen: 43.146 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127887.D
Acq: 25 Apr 2022 18:26

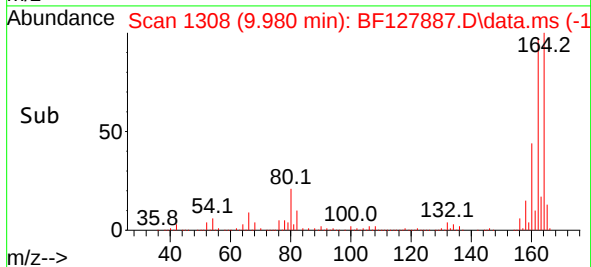
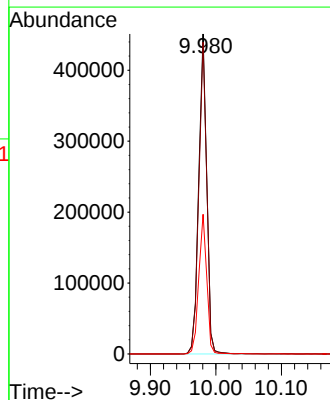
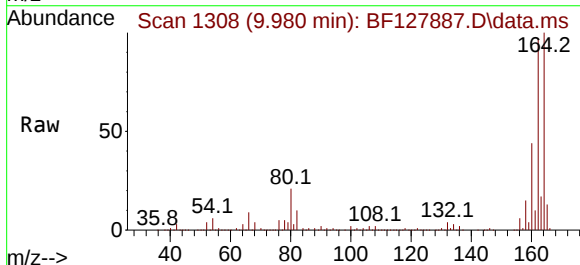
Instrument :
BNA_F
ClientSampleId :
MH-8S

Tgt Ion: 82 Resp: 1038062
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127887.D
Acq: 25 Apr 2022 18:26

Tgt Ion:164 Resp: 385272
Ion Ratio Lower Upper
164 100
162 97.4 76.0 114.0
160 43.7 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 106.295 ng

RT: 10.774 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF127887.D

Acq: 25 Apr 2022 18:26

Instrument :

BNA_F

ClientSampleId :

MH-8S

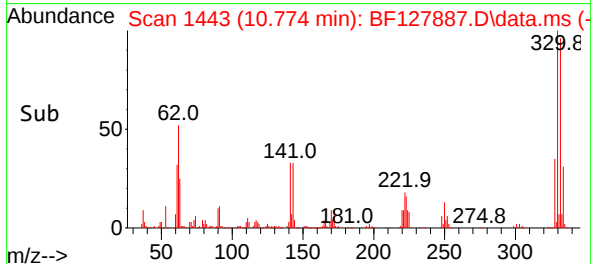
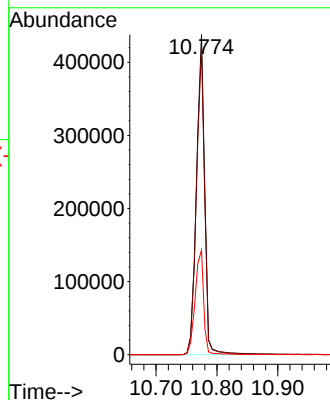
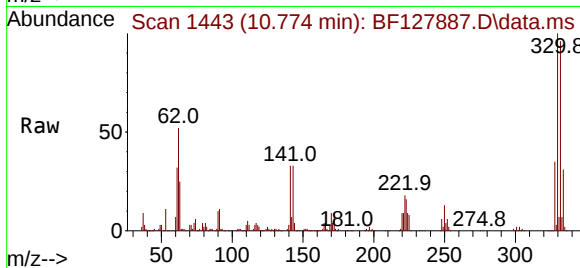
Tgt Ion:330 Resp: 412256

Ion Ratio Lower Upper

330 100

332 96.4 79.0 118.4

141 34.2 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 73.213 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF127887.D

Acq: 25 Apr 2022 18:26

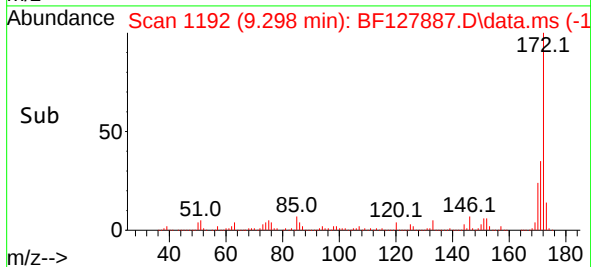
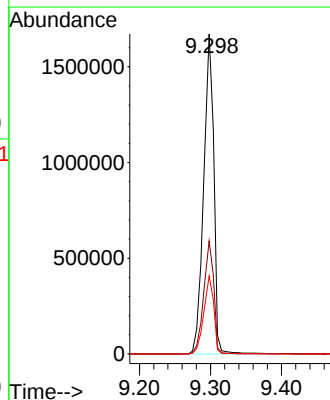
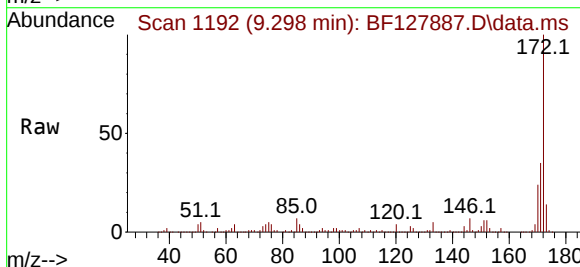
Tgt Ion:172 Resp: 1667321

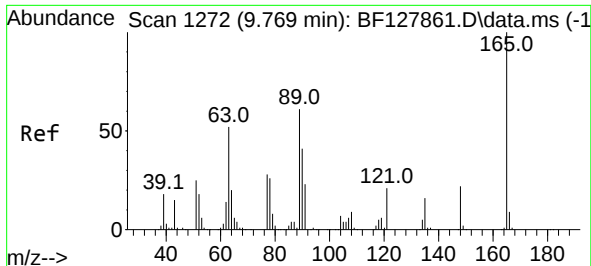
Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 24.4 19.1 28.7

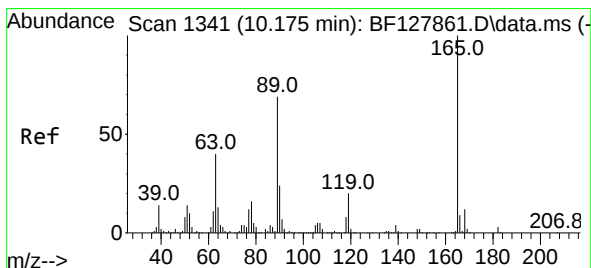
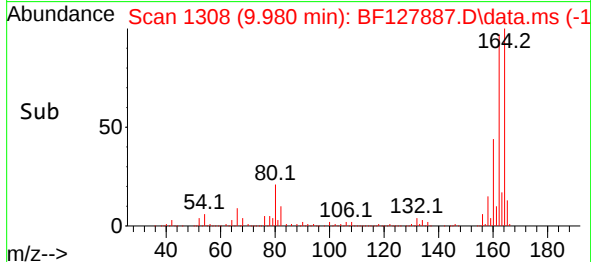
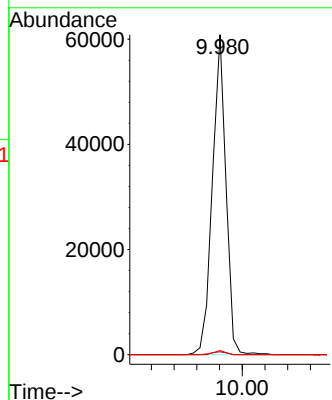
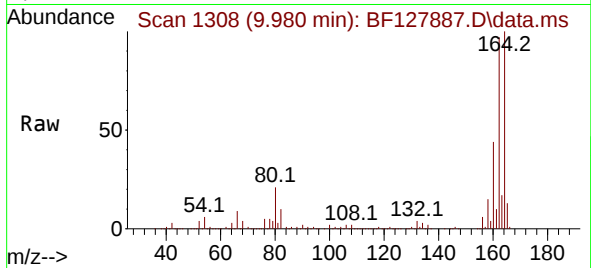




#51
2,6-Dinitrotoluene
Concen: 8.984 ng
RT: 9.980 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF127887.D
Acq: 25 Apr 2022 18:26

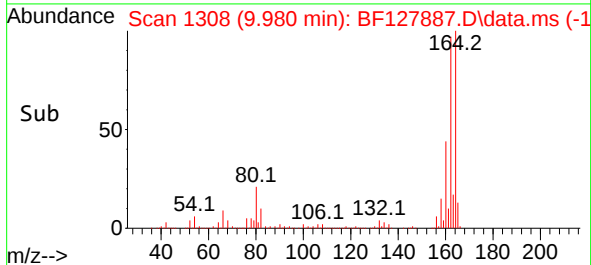
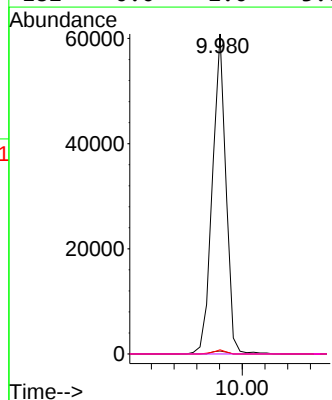
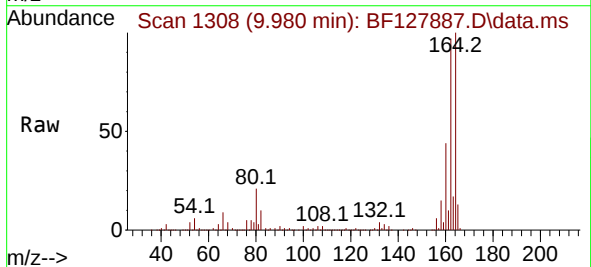
Instrument :
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Tgt Ion:165 Resp: 50258
Ion Ratio Lower Upper
165 100
63 0.9 49.5 74.3#
89 1.3 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.782 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF127887.D
Acq: 25 Apr 2022 18:26

Tgt Ion:165 Resp: 50258
Ion Ratio Lower Upper
165 100
63 0.9 32.6 49.0#
89 1.3 55.2 82.8#
182 0.0 2.0 3.0#

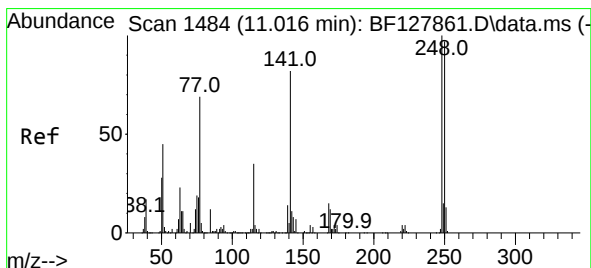
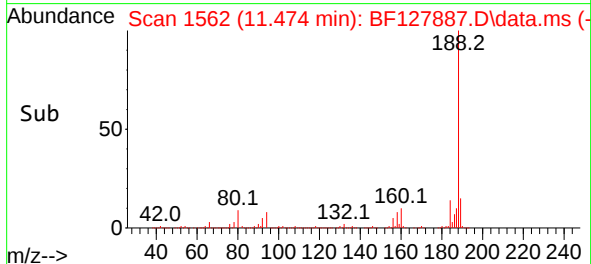
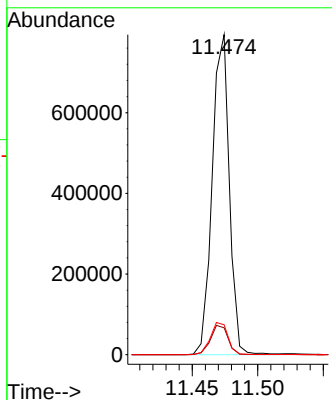
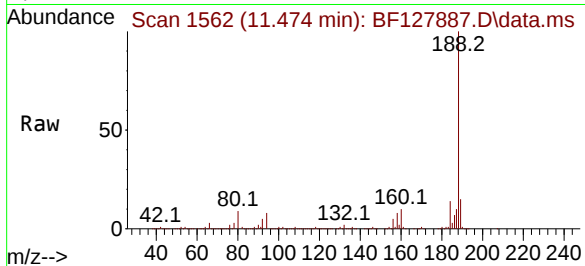




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF127887.D
Acq: 25 Apr 2022 18:26

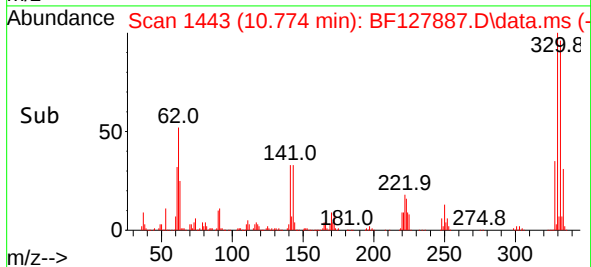
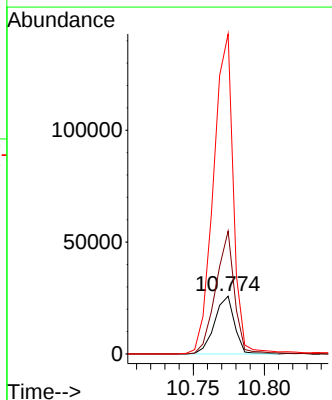
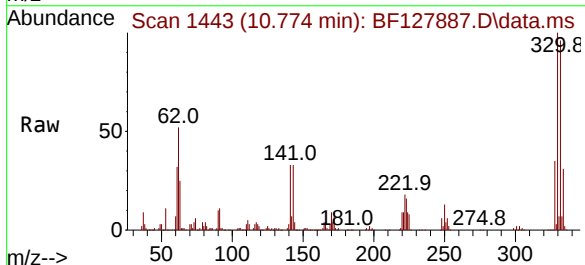
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BNA_F
ClientSampleId :
MH-8S

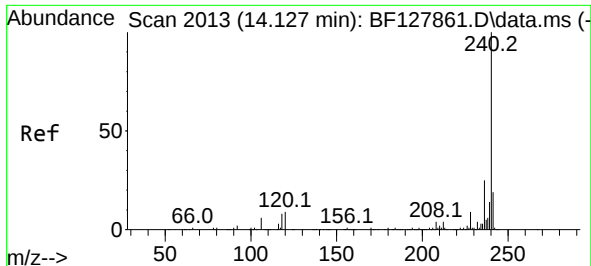
Tgt Ion:188 Resp: 719040
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 9.4 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.180 ng
RT: 10.774 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF127887.D
Acq: 25 Apr 2022 18:26

Tgt Ion:248 Resp: 25345
Ion Ratio Lower Upper
248 100
250 212.4 77.7 116.5#
141 553.2 65.6 98.4#

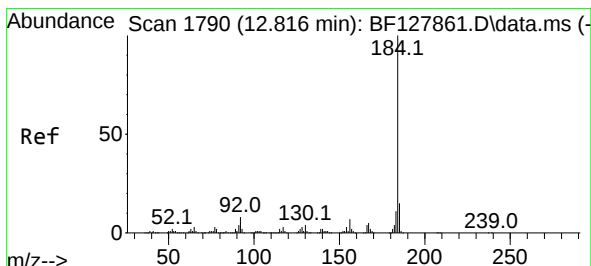
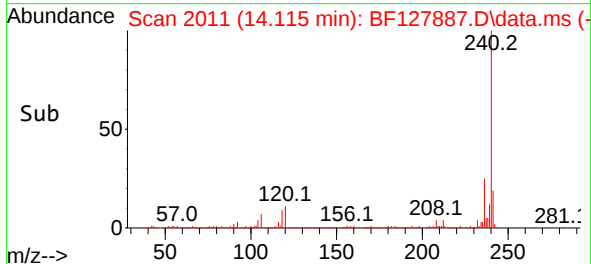
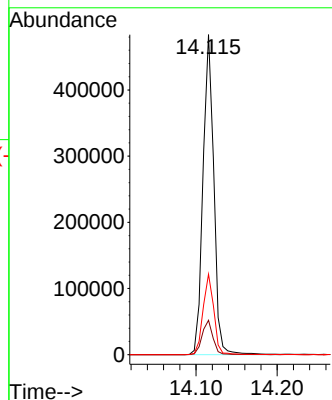
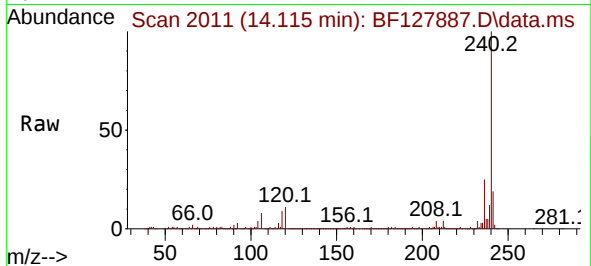




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF127887.D
Acq: 25 Apr 2022 18:26

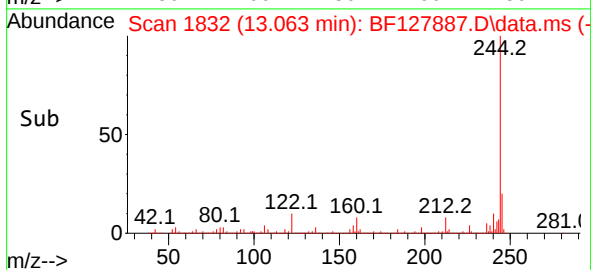
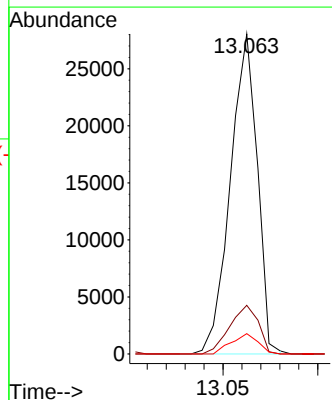
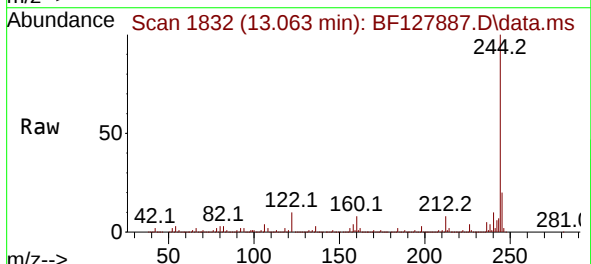
Instrument :
BNA_F
ClientSampleId :
MH-8S

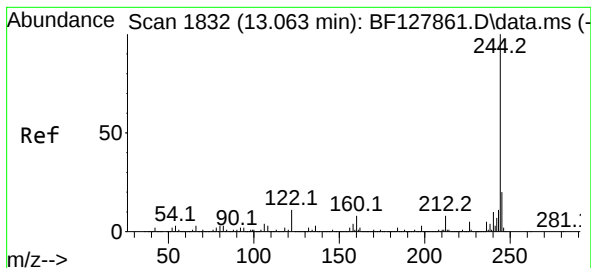
Tgt Ion:240 Resp: 447496
Ion Ratio Lower Upper
240 100
120 10.7 7.0 10.6#
236 25.1 20.3 30.5



#77
Benzidine
Concen: 3.266 ng
RT: 13.063 min Scan# 1832
Delta R.T. 0.247 min
Lab File: BF127887.D
Acq: 25 Apr 2022 18:26

Tgt Ion:184 Resp: 27656
Ion Ratio Lower Upper
184 100
185 15.2 12.1 18.1
183 6.3 9.0 13.4#





#79

Terphenyl-d14

Concen: 78.419 ng

RT: 13.063 min Scan# 1832

Delta R.T. -0.000 min

Lab File: BF127887.D

Acq: 25 Apr 2022 18:26

Instrument :

BNA_F

ClientSampleId :

MH-8S

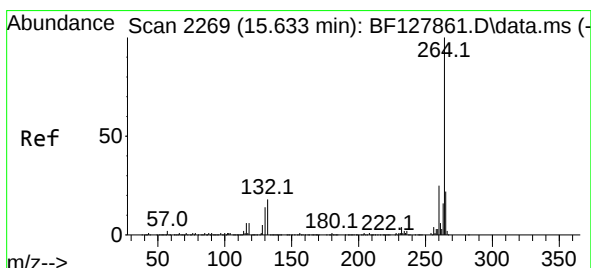
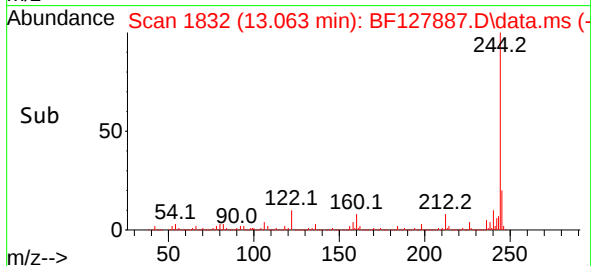
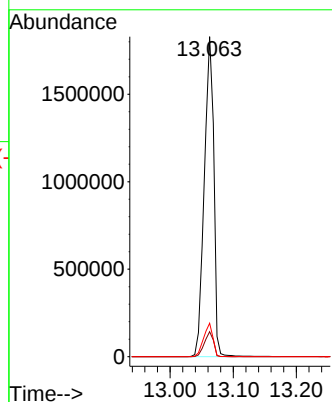
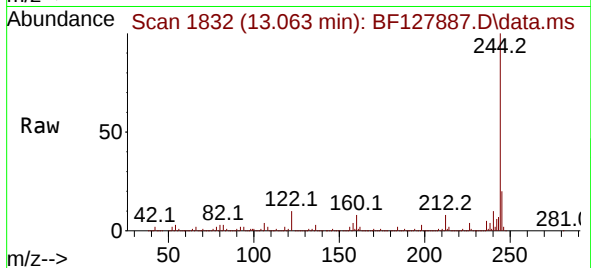
Tgt Ion:244 Resp: 1919104

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.4

122 10.5 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF127887.D

Acq: 25 Apr 2022 18:26

Tgt Ion:264 Resp: 356796

Ion Ratio Lower Upper

264 100

260 23.6 20.1 30.1

265 21.2 17.5 26.3

