

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
 Data File : BF127773.D
 Acq On : 12 Apr 2022 22:29
 Operator : CG\JU
 Sample : N2360-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-041122-A

Quant Time: Apr 13 07:26:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 07:19:18 2022
 Response via : Initial Calibration

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

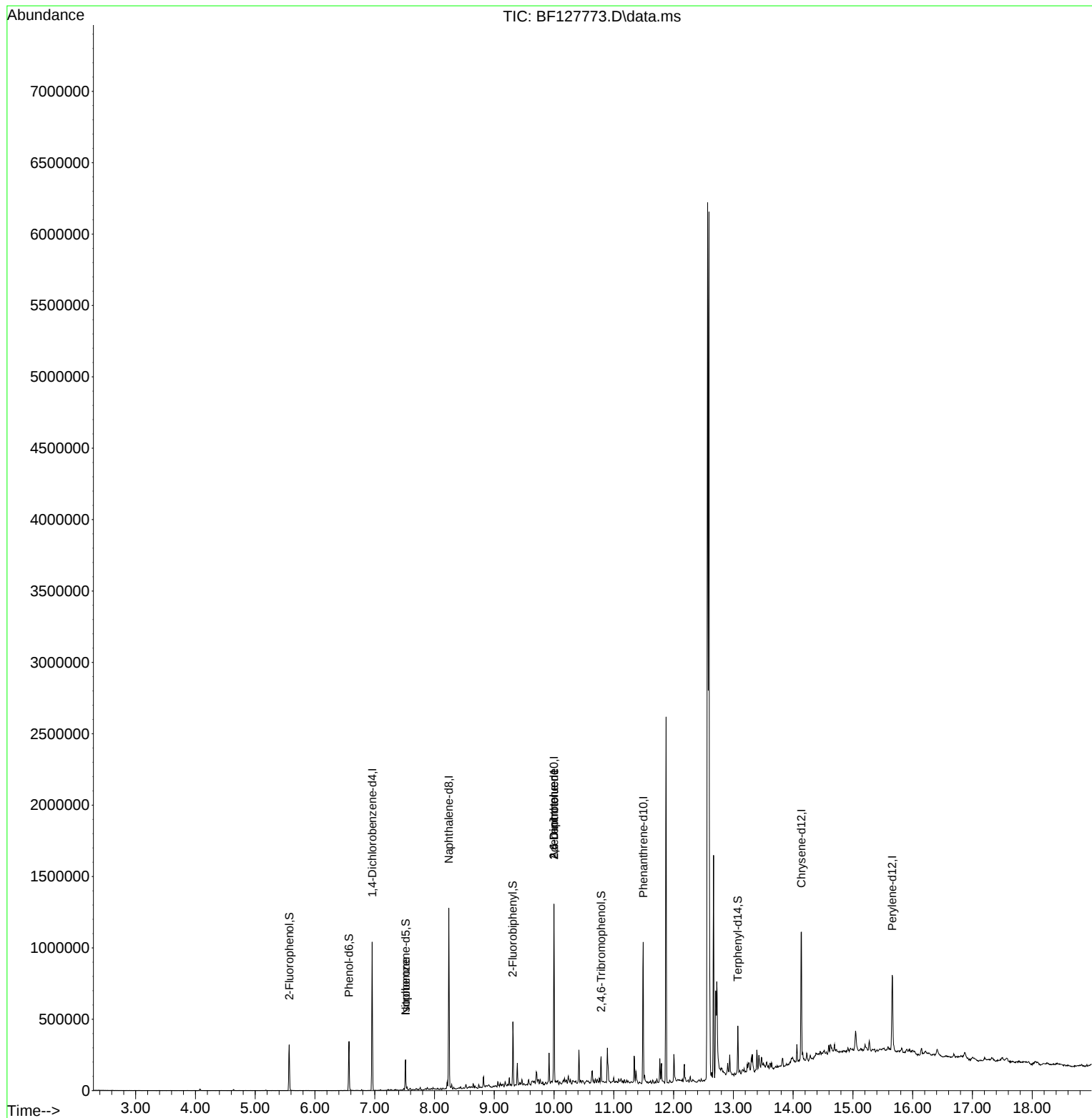
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	134751	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	466344	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	229971	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	341656	20.000	ng	0.00
76) Chrysene-d12	14.139	240	341839	20.000	ng	0.00
86) Perylene-d12	15.657	264	267379	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	77501	9.346	ng	-0.01
7) Phenol-d6	6.569	99	98241	9.055	ng	-0.01
23) Nitrobenzene-d5	7.516	82	63348	6.056	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	20857	8.523	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	122734	7.550	ng	-0.01
79) Terphenyl-d14	13.075	244	107623	5.197	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.569	77	85	Below Cal	#	7
25) Isophorone	7.516	82	63348	3.471	ng	# 70
51) 2,6-Dinitrotoluene	9.998	165	30779	9.796	ng	# 17
57) 2,4-Dinitrotoluene	9.998	165	30779	7.901	ng	# 14

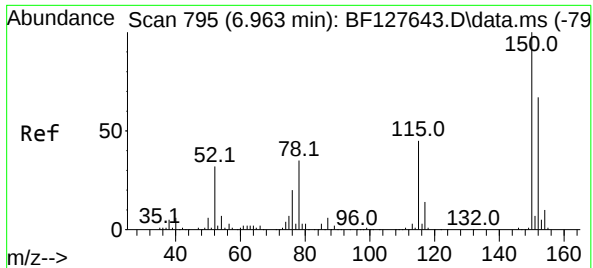
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
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Misc :
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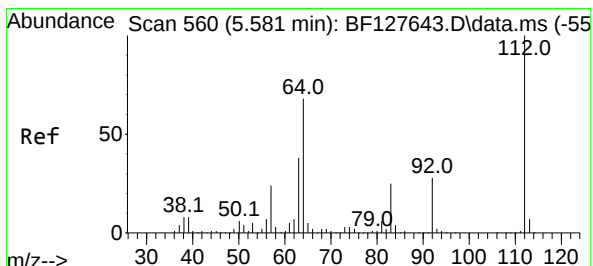
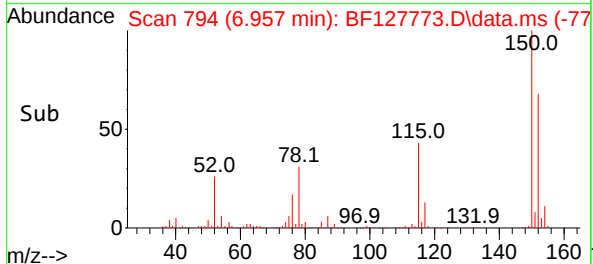
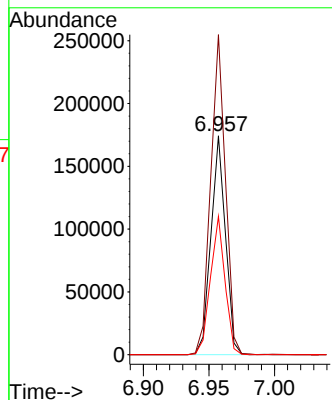
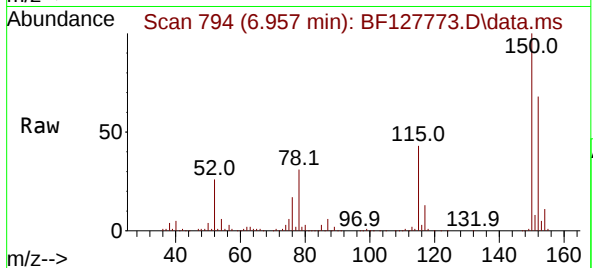




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127773.D
Acq: 12 Apr 2022 22:29

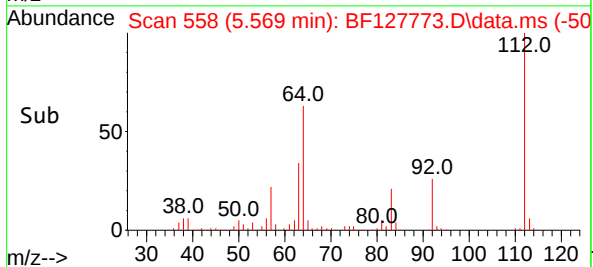
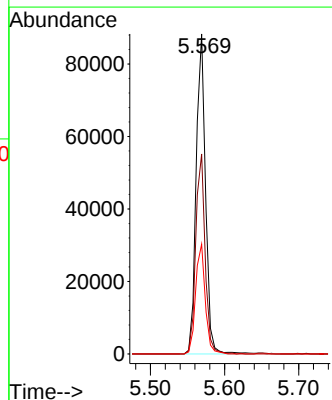
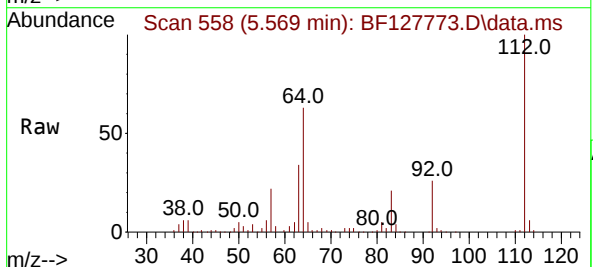
Instrument :
BNA_F
ClientSampleId :
JC-03-041122-A

Tgt Ion:152 Resp: 134751
Ion Ratio Lower Upper
152 100
150 146.2 117.2 175.8
115 63.2 49.8 74.6



#5
2-Fluorophenol
Concen: 9.346 ng
RT: 5.569 min Scan# 558
Delta R.T. -0.012 min
Lab File: BF127773.D
Acq: 12 Apr 2022 22:29

Tgt Ion:112 Resp: 77501
Ion Ratio Lower Upper
112 100
64 62.5 58.4 87.6
63 34.3 30.1 45.1

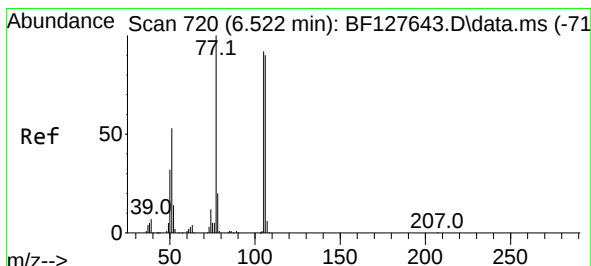
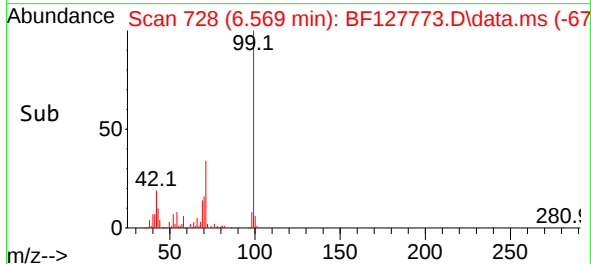
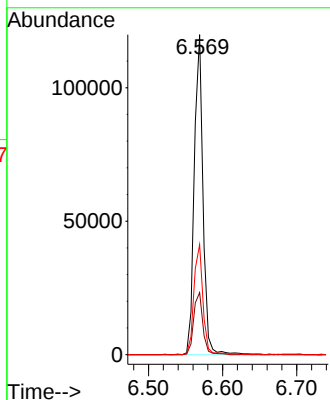
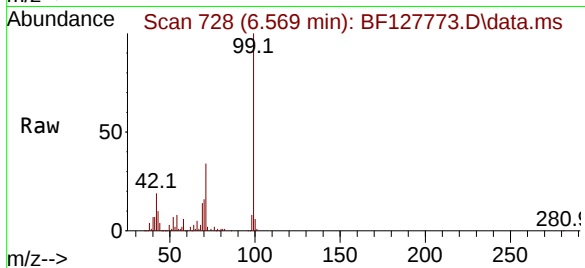




#7
Phenol-d6
Concen: 9.055 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127773.D
Acq: 12 Apr 2022 22:29

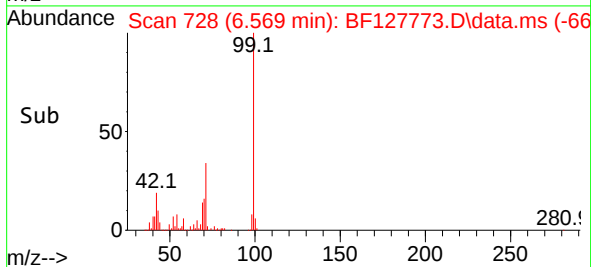
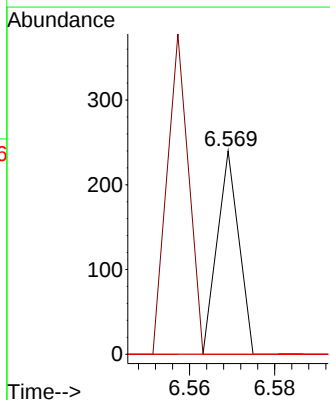
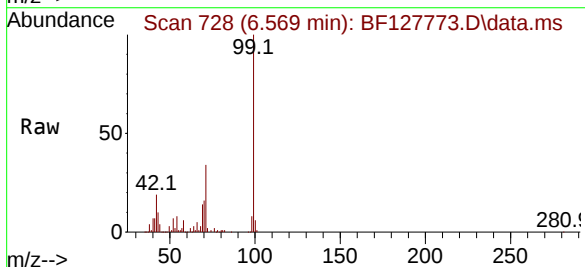
Instrument :
BNA_F
ClientSampleId :
JC-03-041122-A

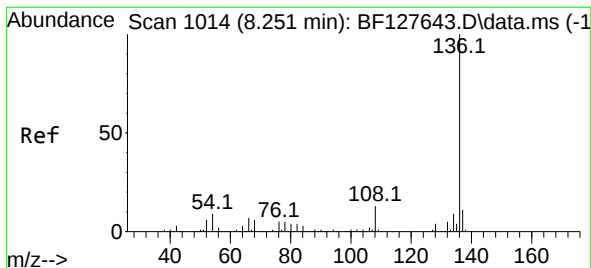
Tgt Ion: 99 Resp: 98241
Ion Ratio Lower Upper
99 100
42 19.4 17.8 26.6
71 34.4 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.569 min Scan# 728
Delta R.T. 0.053 min
Lab File: BF127773.D
Acq: 12 Apr 2022 22:29

Tgt Ion: 77 Resp: 85
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.240 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127773.D

Acq: 12 Apr 2022 22:29

Instrument :

BNA_F

ClientSampleId :

JC-03-041122-A

Tgt Ion:136 Resp: 466344

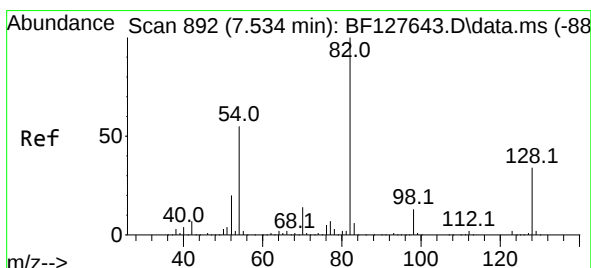
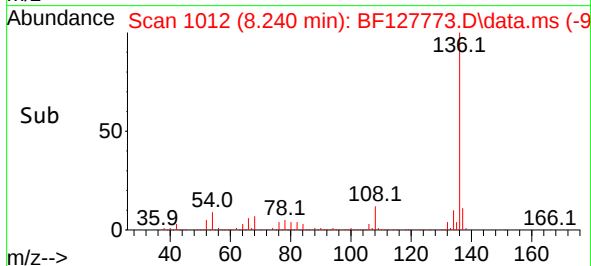
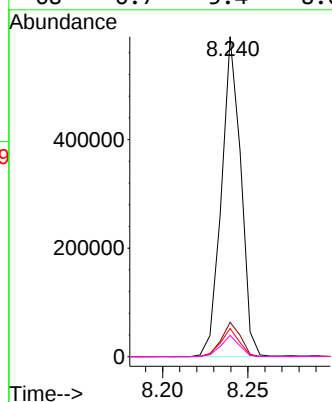
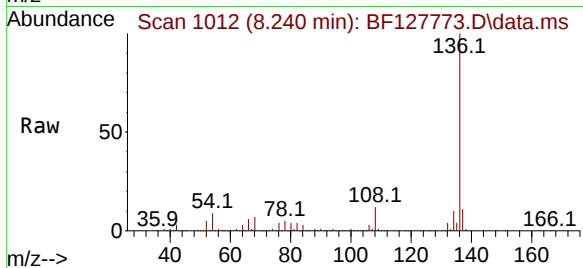
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 8.8 9.2 13.8#

68 6.7 5.4 8.0



#23

Nitrobenzene-d5

Concen: 6.056 ng

RT: 7.516 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF127773.D

Acq: 12 Apr 2022 22:29

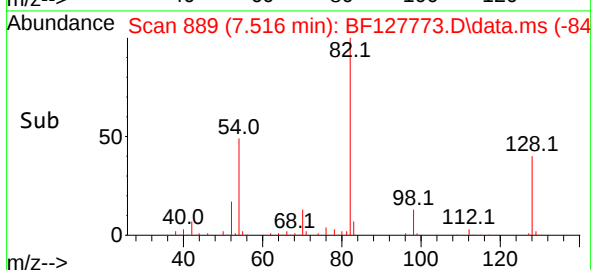
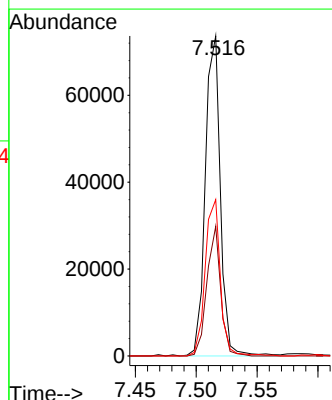
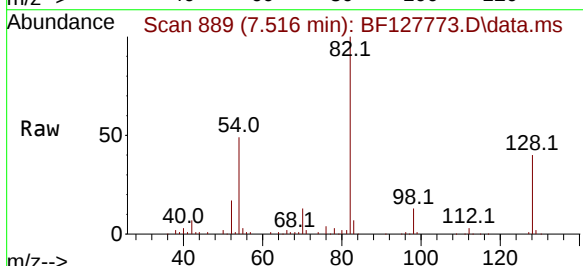
Tgt Ion: 82 Resp: 63348

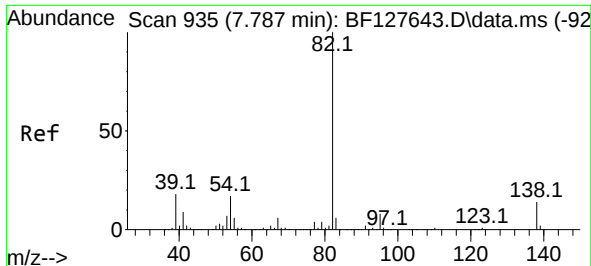
Ion Ratio Lower Upper

82 100

128 40.5 30.6 45.8

54 48.8 48.2 72.2

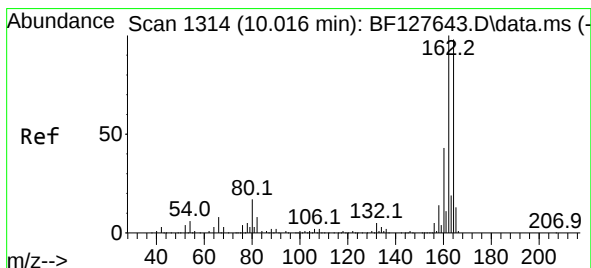
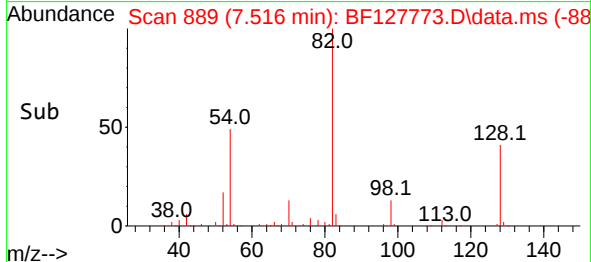
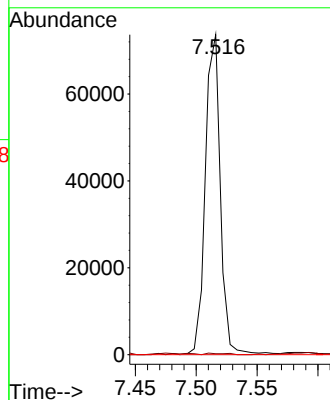
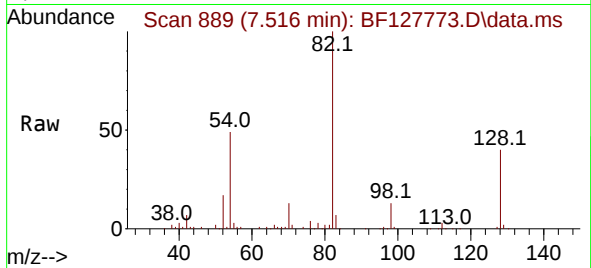




#25
Isophorone
Concen: 3.471 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127773.D
Acq: 12 Apr 2022 22:29

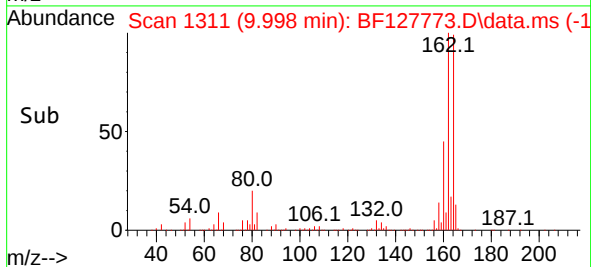
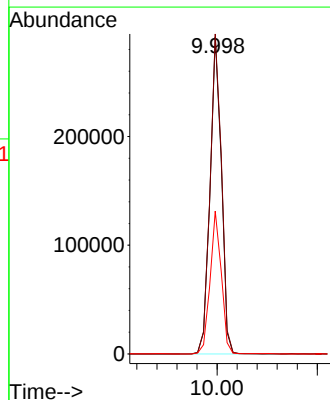
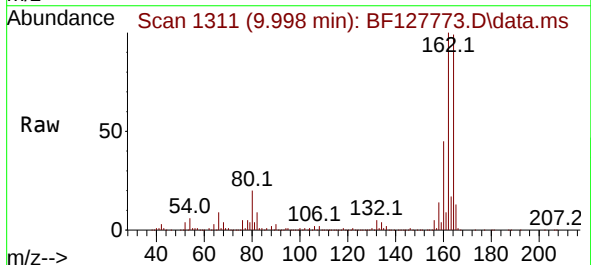
Instrument :
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JC-03-041122-A

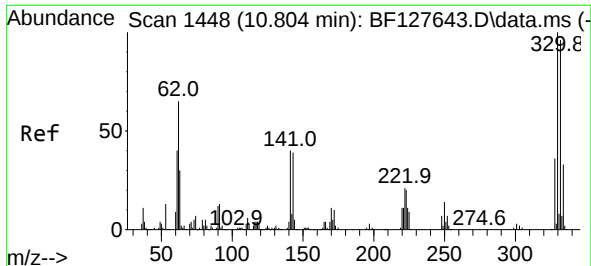
Tgt Ion: 82 Resp: 63348
Ion Ratio Lower Upper
82 100
95 0.3 5.8 8.8#
138 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF127773.D
Acq: 12 Apr 2022 22:29

Tgt Ion:164 Resp: 229971
Ion Ratio Lower Upper
164 100
162 100.9 81.2 121.8
160 45.1 34.6 52.0

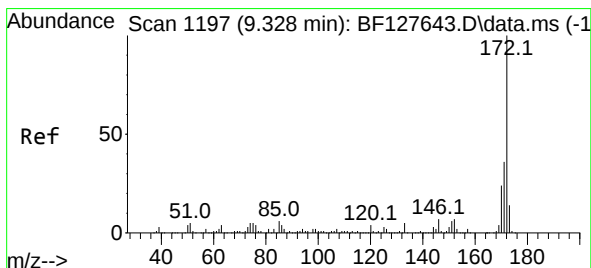
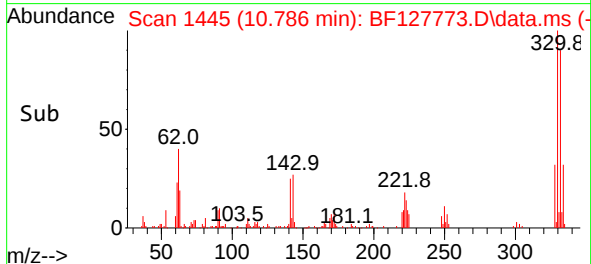
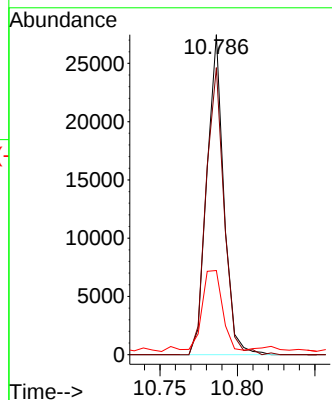
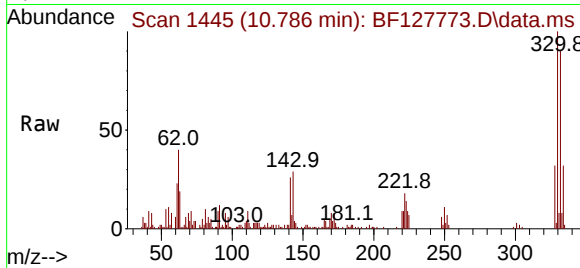




#42
2,4,6-Tribromophenol
Concen: 8.523 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF127773.D
Acq: 12 Apr 2022 22:29

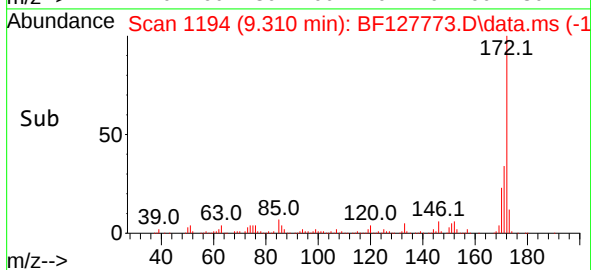
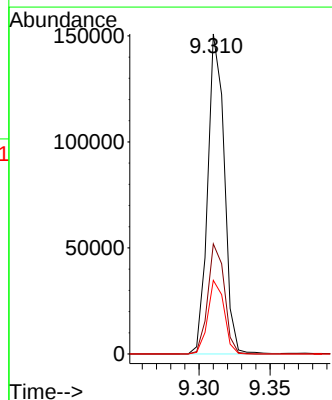
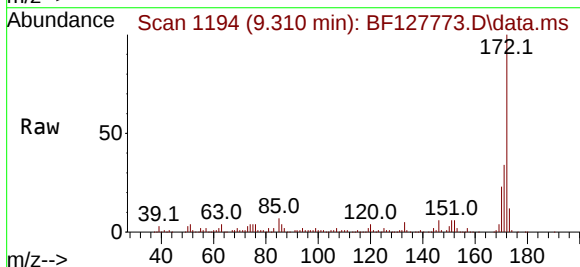
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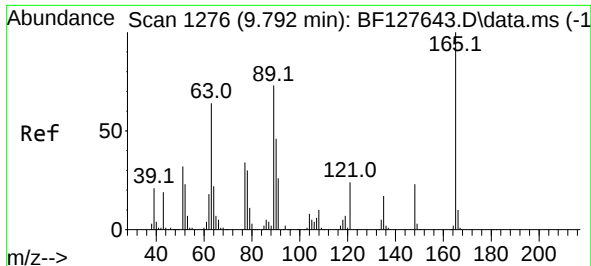
Tgt Ion: 330 Resp: 20857
Ion Ratio Lower Upper
330 100
332 95.1 79.1 118.7
141 31.5 26.2 39.4



#45
2-Fluorobiphenyl
Concen: 7.550 ng
RT: 9.310 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF127773.D
Acq: 12 Apr 2022 22:29

Tgt Ion: 172 Resp: 122734
Ion Ratio Lower Upper
172 100
171 34.4 28.4 42.6
170 23.0 18.6 27.8

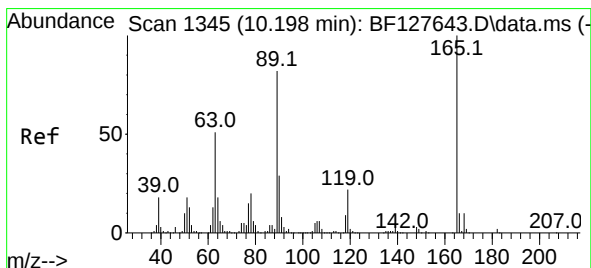
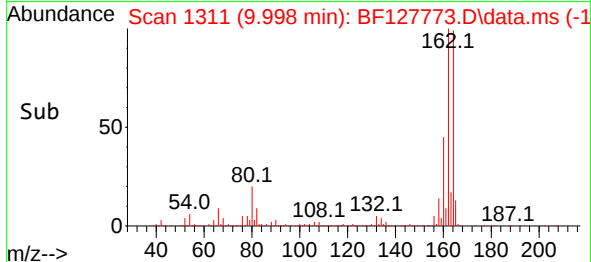
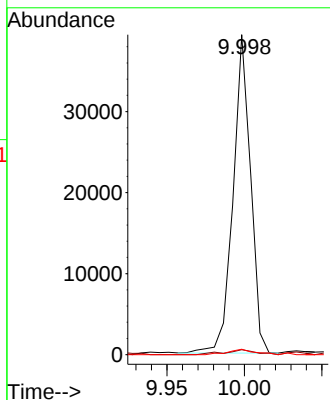
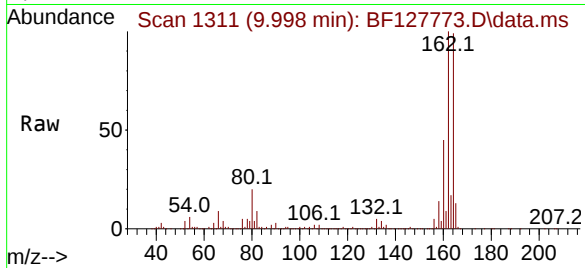




#51
2,6-Dinitrotoluene
Concen: 9.796 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.218 min
Lab File: BF127773.D
Acq: 12 Apr 2022 22:29

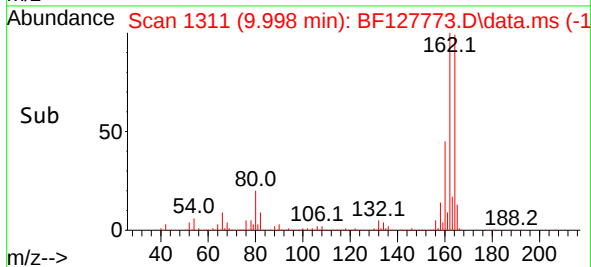
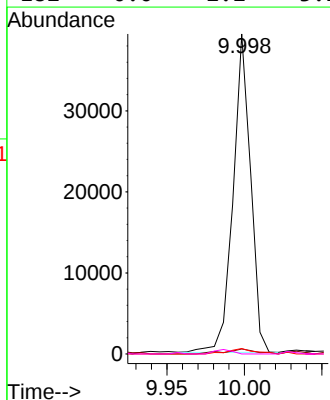
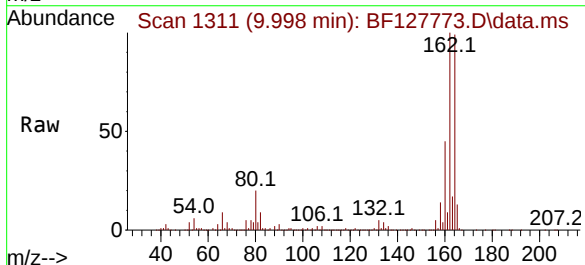
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ClientSampleId :
JC-03-041122-A

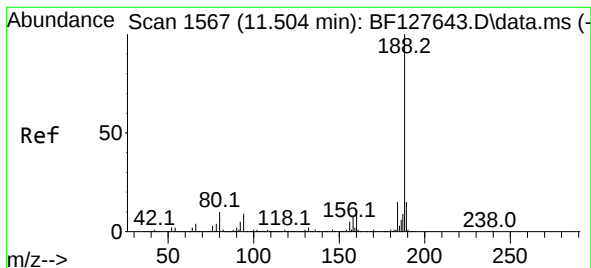
Tgt Ion:165 Resp: 30779
Ion Ratio Lower Upper
165 100
63 1.5 58.3 87.5#
89 1.7 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 7.901 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.188 min
Lab File: BF127773.D
Acq: 12 Apr 2022 22:29

Tgt Ion:165 Resp: 30779
Ion Ratio Lower Upper
165 100
63 1.5 53.1 79.7#
89 1.7 69.2 103.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF127773.D

Acq: 12 Apr 2022 22:29

Instrument :

BNA_F

ClientSampleId :

JC-03-041122-A

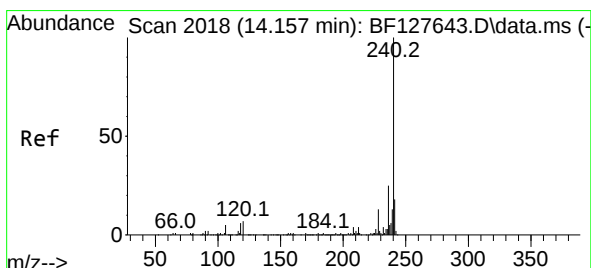
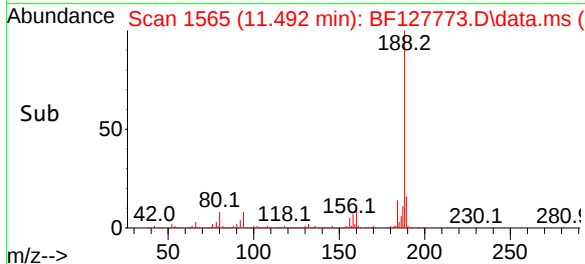
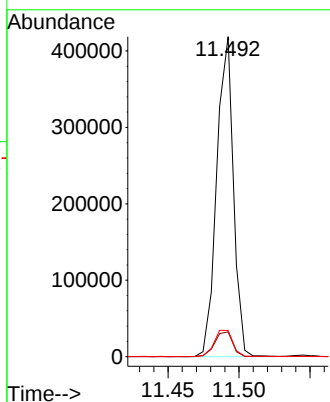
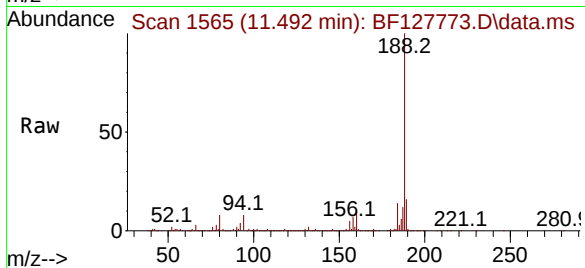
Tgt Ion:188 Resp: 341656

Ion Ratio Lower Upper

188 100

94 7.8 7.4 11.0

80 8.2 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF127773.D

Acq: 12 Apr 2022 22:29

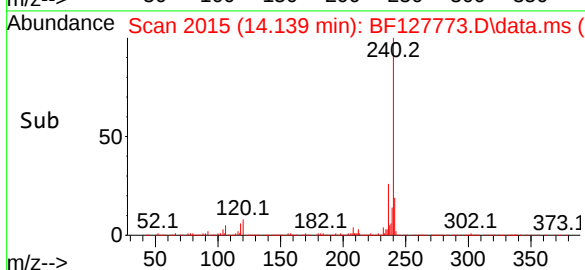
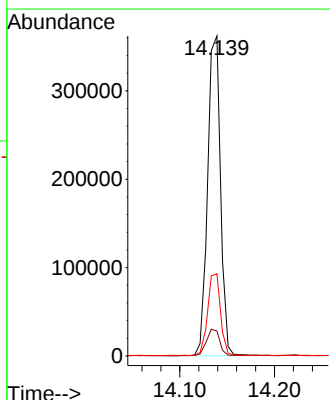
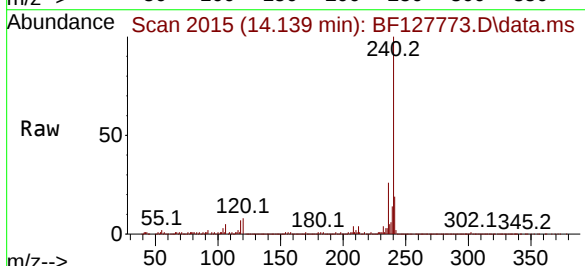
Tgt Ion:240 Resp: 341839

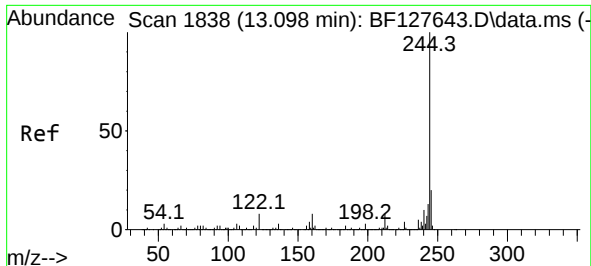
Ion Ratio Lower Upper

240 100

120 7.8 7.1 10.7

236 25.7 20.7 31.1

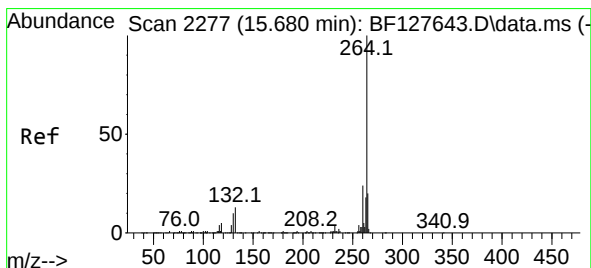
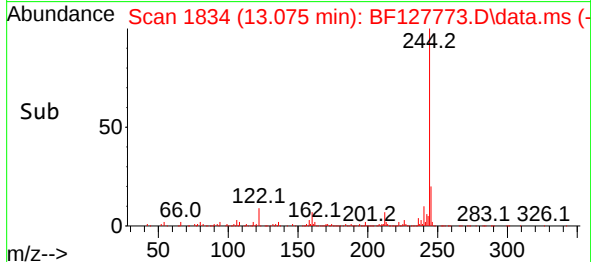
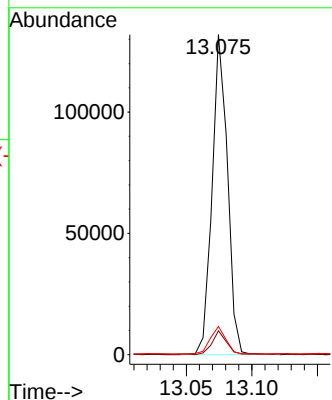
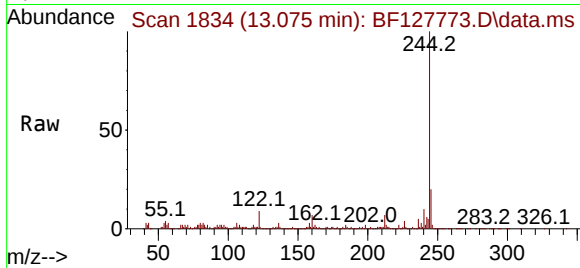




#79
 Terphenyl-d14
 Concen: 5.197 ng
 RT: 13.075 min Scan# 1834
 Delta R.T. -0.006 min
 Lab File: BF127773.D
 Acq: 12 Apr 2022 22:29

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-041122-A

Tgt Ion:244 Resp: 107623
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 8.9 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.657 min Scan# 2273
 Delta R.T. 0.000 min
 Lab File: BF127773.D
 Acq: 12 Apr 2022 22:29

Tgt Ion:264 Resp: 267379
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.7 17.4 26.2

