

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
 Data File : BF127709.D
 Acq On : 08 Apr 2022 12:01
 Operator : CG\JU
 Sample : PB143898TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143898TB

Quant Time: Apr 11 02:21:15 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 06 13:55:27 2022
 Response via : Initial Calibration

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

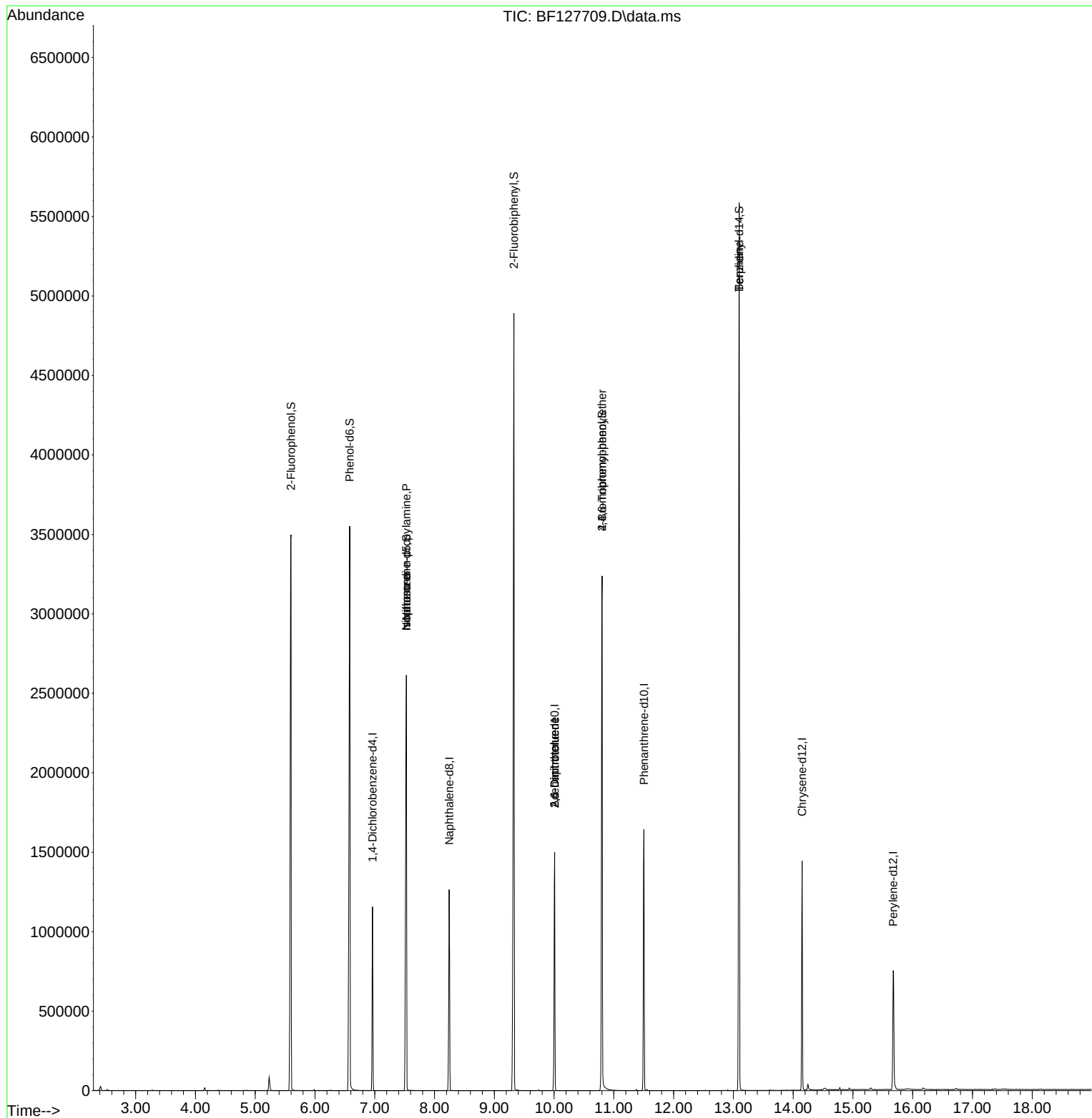
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	154402	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	568563	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	327925	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	613731	20.000	ng	0.00
76) Chrysene-d12	14.151	240	489004	20.000	ng	0.00
86) Perylene-d12	15.674	264	388076	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	1080104	113.669	ng	0.02
7) Phenol-d6	6.581	99	1400546	112.666	ng	0.00
23) Nitrobenzene-d5	7.528	82	1004728	78.781	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	440238	126.157	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	1764540	76.122	ng	0.00
79) Terphenyl-d14	13.098	244	2105535	71.071	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.581	77	2542	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.528	70	136698	17.002	ng	# 76
25) Isophorone	7.528	82	1003785	45.106	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	41959	9.365	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	41959	7.554	ng	# 14
67) 4-Bromophenyl-phenylether	10.804	248	27702	3.719	ng	# 1
77) Benizidine	13.098	184	30559	2.394	ng	# 92

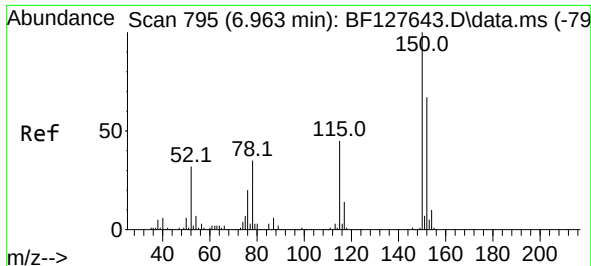
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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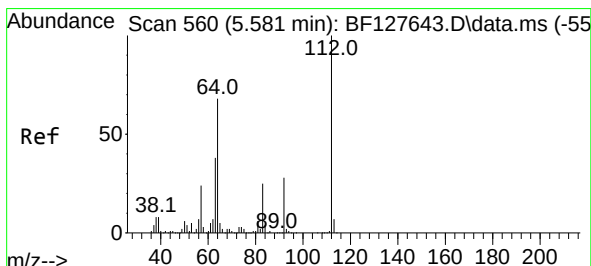
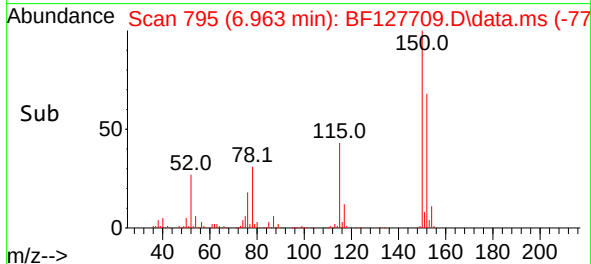
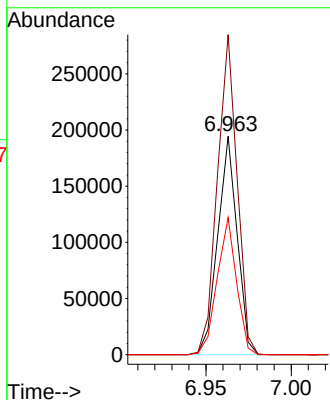
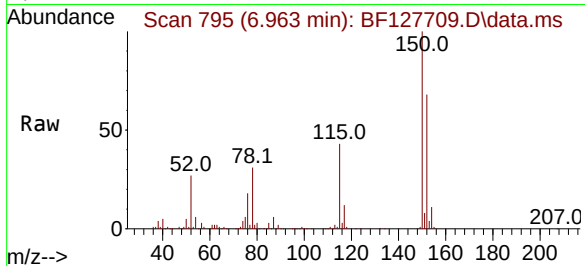




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF127709.D
Acq: 08 Apr 2022 12:01

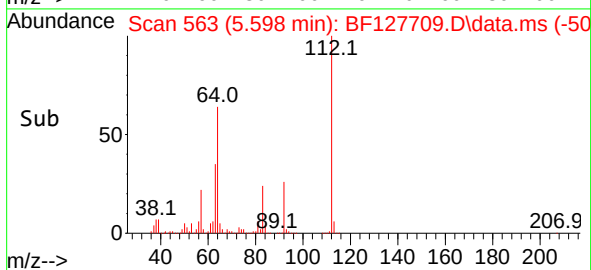
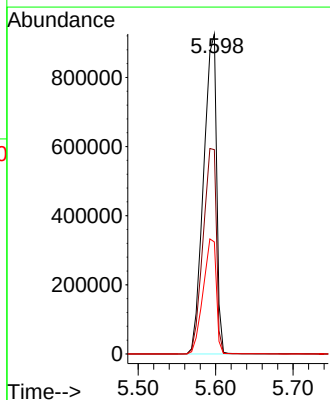
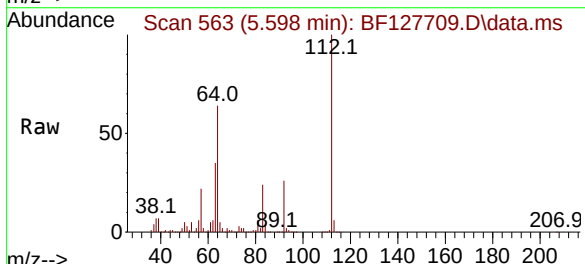
Instrument :
BNA_F
ClientSampleId :
PB143898TB

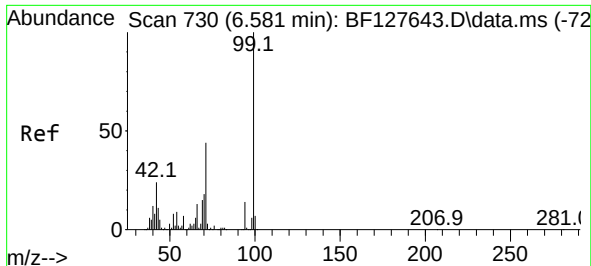
Tgt Ion:152 Resp: 154402
Ion Ratio Lower Upper
152 100
150 146.6 117.2 175.8
115 62.8 49.8 74.6



#5
2-Fluorophenol
Concen: 113.669 ng
RT: 5.598 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF127709.D
Acq: 08 Apr 2022 12:01

Tgt Ion:112 Resp: 1080104
Ion Ratio Lower Upper
112 100
64 63.8 58.4 87.6
63 35.0 30.1 45.1

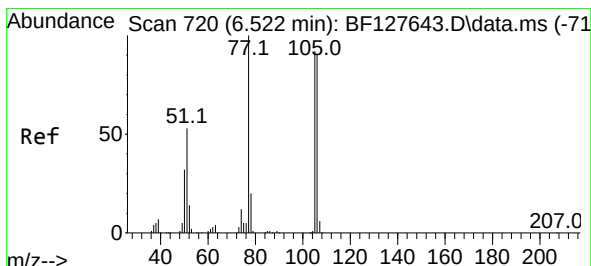
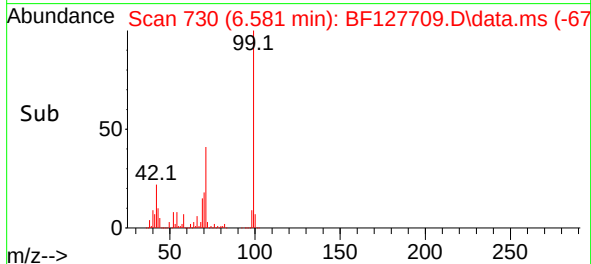
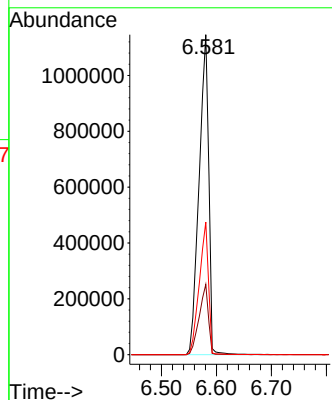
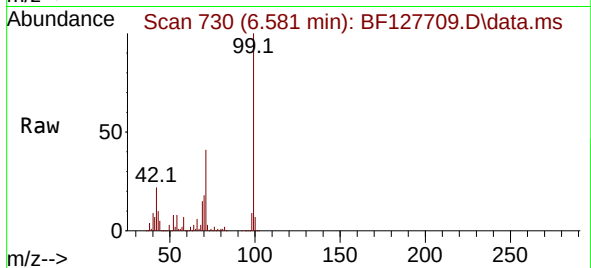




#7
Phenol-d6
Concen: 112.666 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127709.D
Acq: 08 Apr 2022 12:01

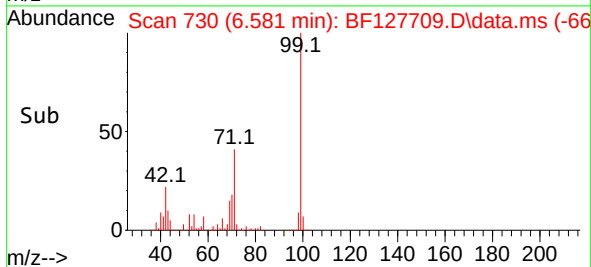
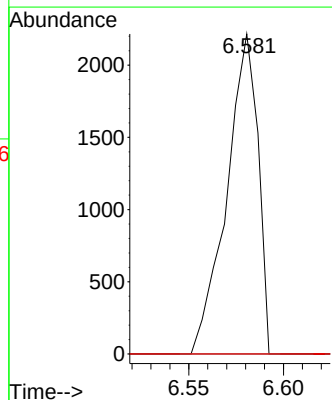
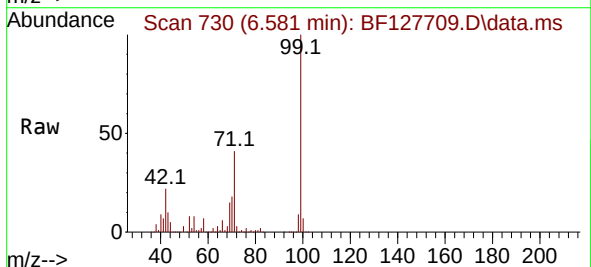
Instrument :
BNA_F
ClientSampleId :
PB143898TB

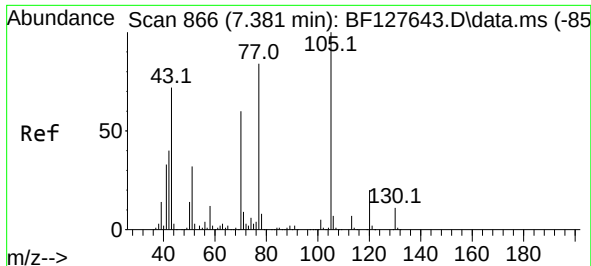
Tgt Ion: 99 Resp: 1400546
Ion Ratio Lower Upper
99 100
42 22.0 17.8 26.6
71 41.5 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.581 min Scan# 730
Delta R.T. 0.059 min
Lab File: BF127709.D
Acq: 08 Apr 2022 12:01

Tgt Ion: 77 Resp: 2542
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

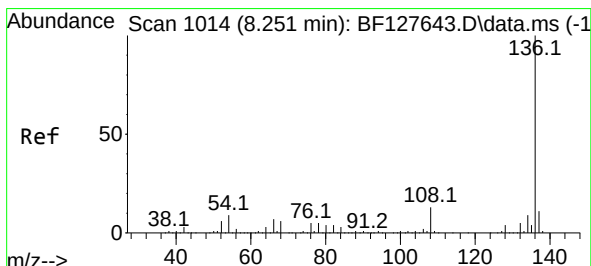
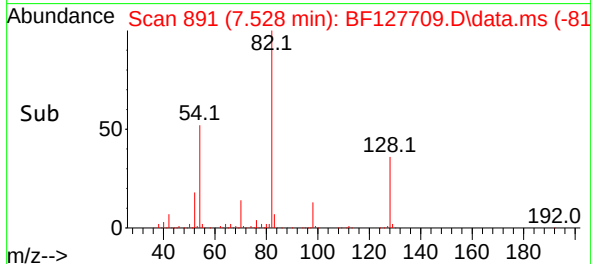
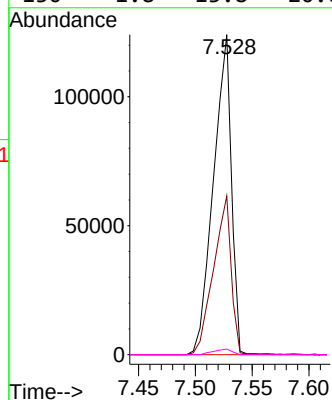
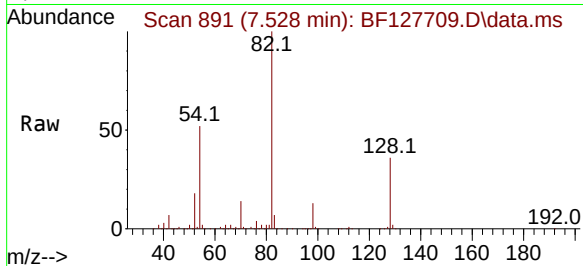




#19
n-Nitroso-di-n-propylamine
Concen: 17.002 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF127709.D
Acq: 08 Apr 2022 12:01

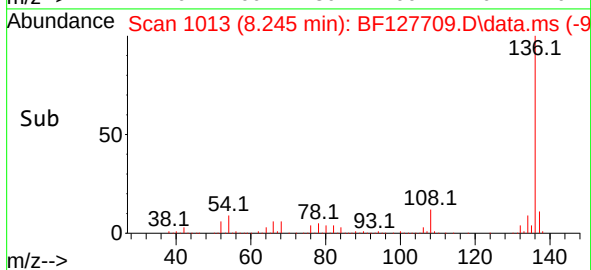
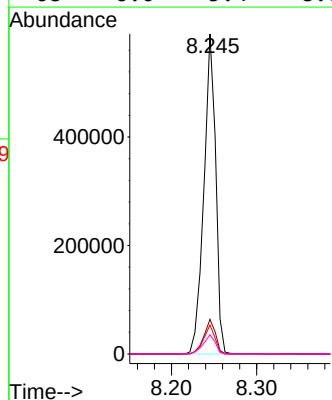
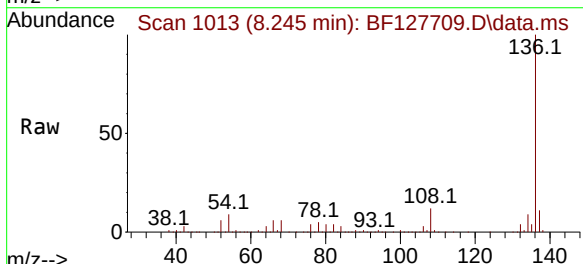
Instrument :
BNA_F
ClientSampleId :
PB143898TB

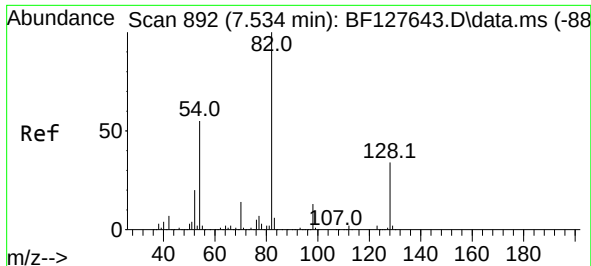
Tgt Ion: 70 Resp: 136698
Ion Ratio Lower Upper
70 100
42 49.6 53.0 79.6#
101 0.0 6.8 10.2#
130 1.8 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127709.D
Acq: 08 Apr 2022 12:01

Tgt Ion: 136 Resp: 568563
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.0 9.2 13.8#
68 6.0 5.4 8.0





#23

Nitrobenzene-d5

Concen: 78.781 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127709.D

Acq: 08 Apr 2022 12:01

Instrument :

BNA_F

ClientSampleId :

PB143898TB

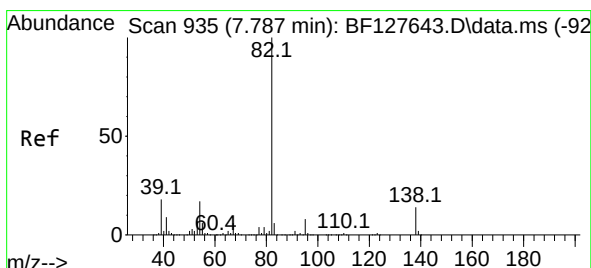
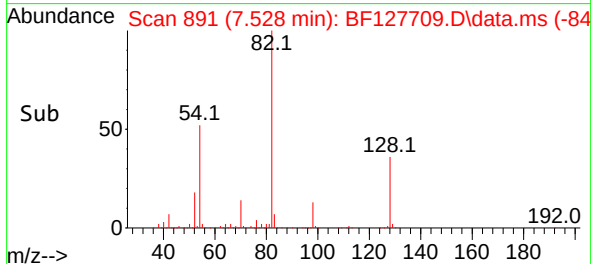
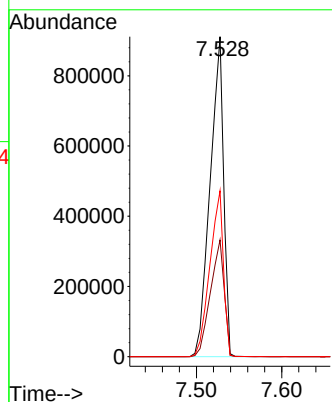
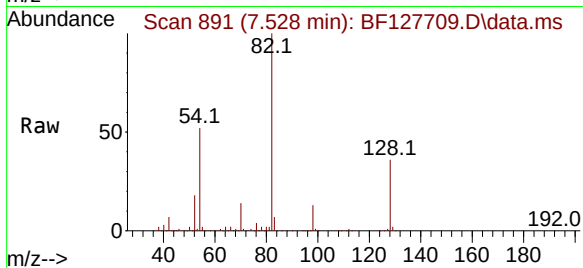
Tgt Ion: 82 Resp: 1004728

Ion Ratio Lower Upper

82 100

128 36.5 30.6 45.8

54 51.8 48.2 72.2



#25

Isophorone

Concen: 45.106 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.259 min

Lab File: BF127709.D

Acq: 08 Apr 2022 12:01

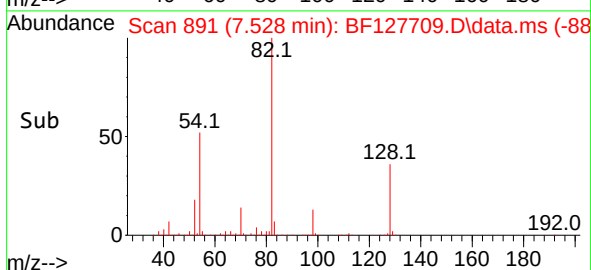
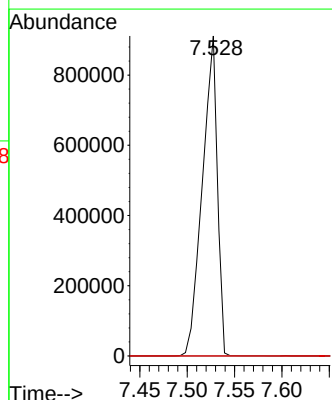
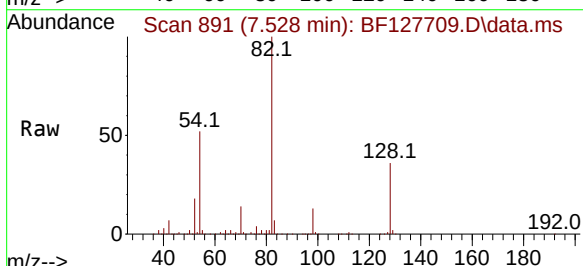
Tgt Ion: 82 Resp: 1003785

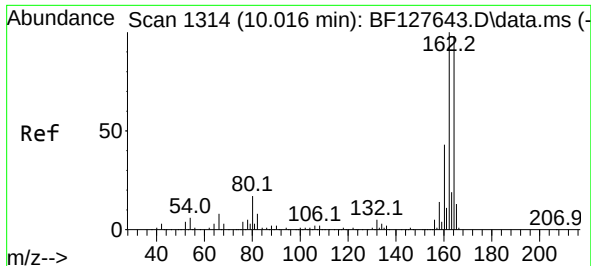
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

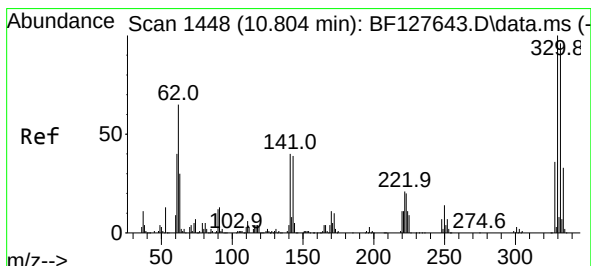
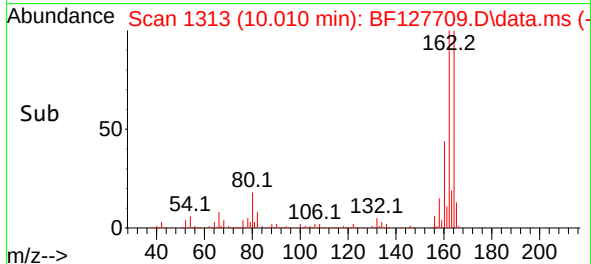
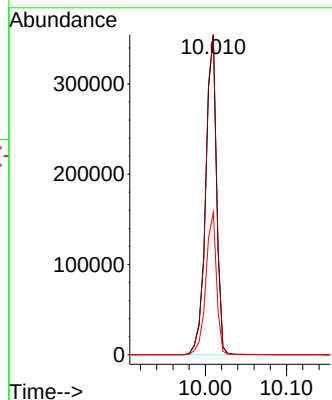
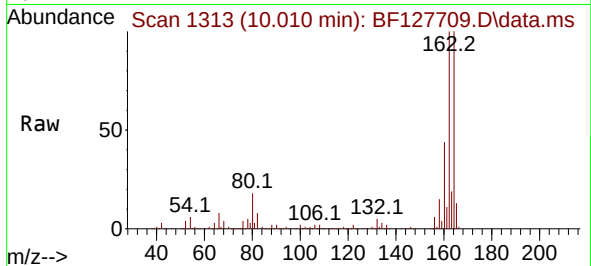




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127709.D
Acq: 08 Apr 2022 12:01

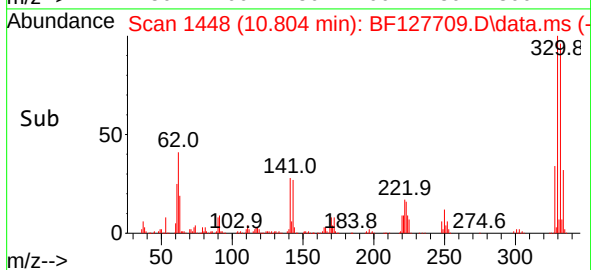
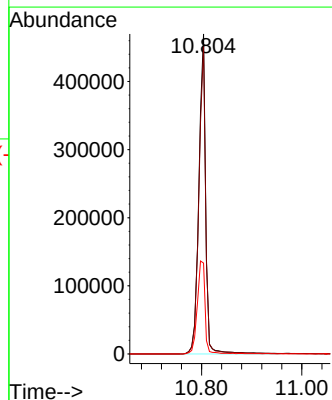
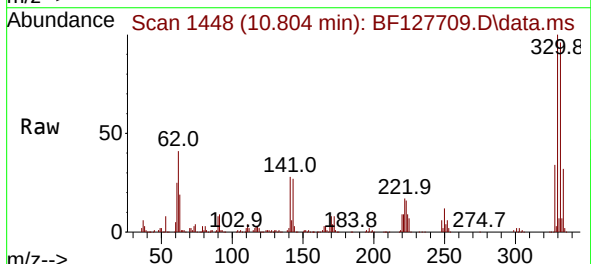
Instrument :
BNA_F
ClientSampleId :
PB143898TB

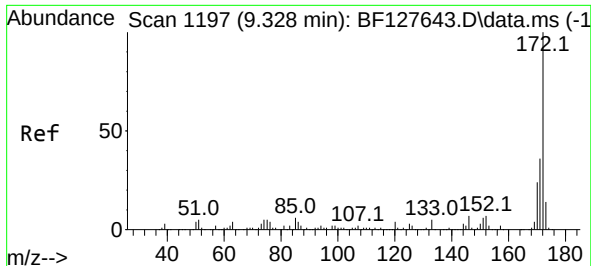
Tgt Ion:164 Resp: 327925
Ion Ratio Lower Upper
164 100
162 100.1 81.2 121.8
160 44.5 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 126.157 ng
RT: 10.804 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF127709.D
Acq: 08 Apr 2022 12:01

Tgt Ion:330 Resp: 440238
Ion Ratio Lower Upper
330 100
332 96.7 79.1 118.7
141 33.6 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 76.122 ng

RT: 9.327 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF127709.D

Acq: 08 Apr 2022 12:01

Instrument :

BNA_F

ClientSampleId :

PB143898TB

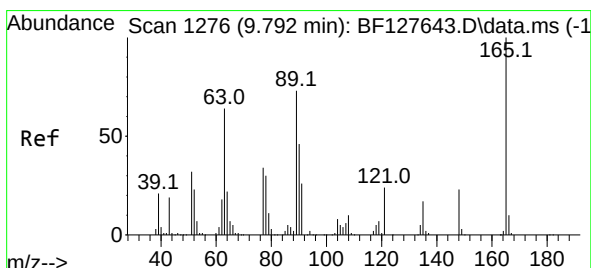
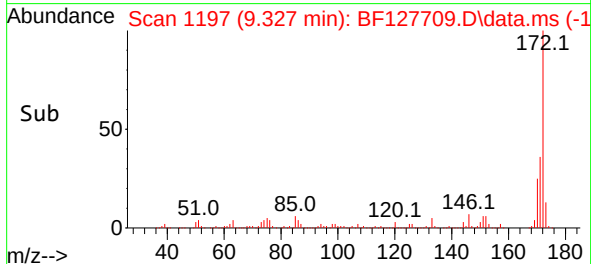
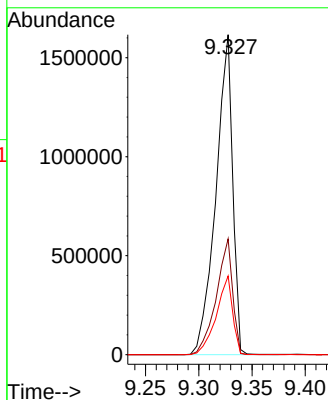
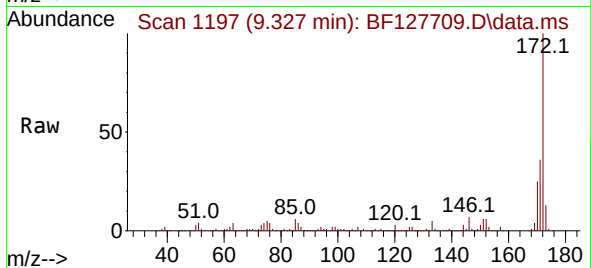
Tgt Ion:172 Resp: 1764540

Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 24.6 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.365 ng

RT: 10.010 min Scan# 1313

Delta R.T. 0.217 min

Lab File: BF127709.D

Acq: 08 Apr 2022 12:01

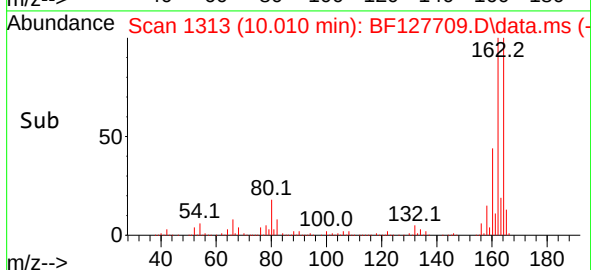
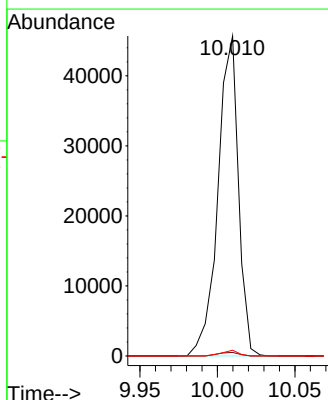
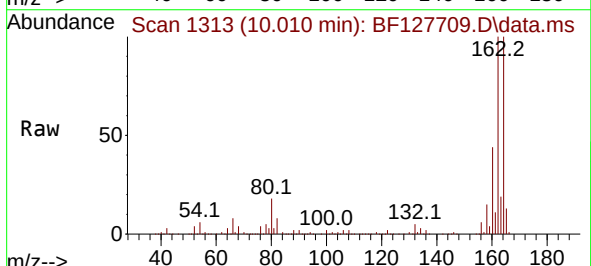
Tgt Ion:165 Resp: 41959

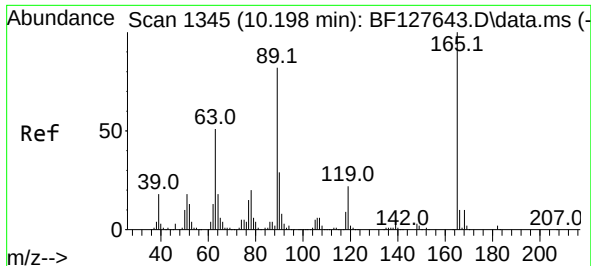
Ion Ratio Lower Upper

165 100

63 1.1 58.3 87.5#

89 1.8 51.5 77.3#

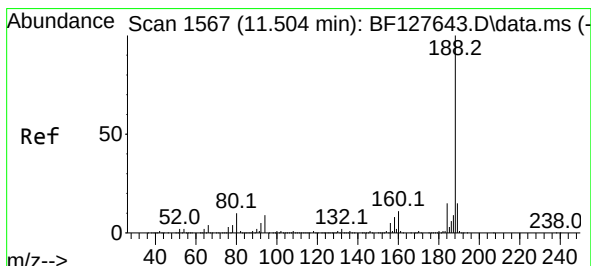
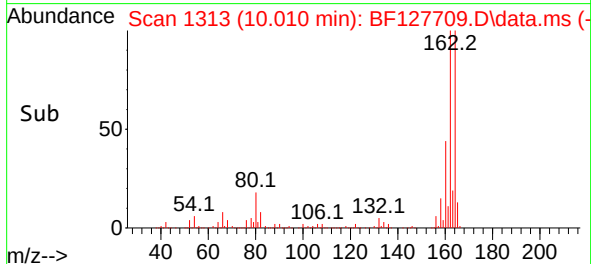
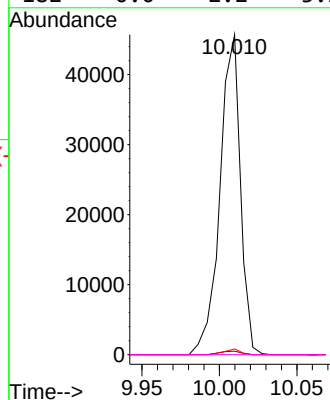
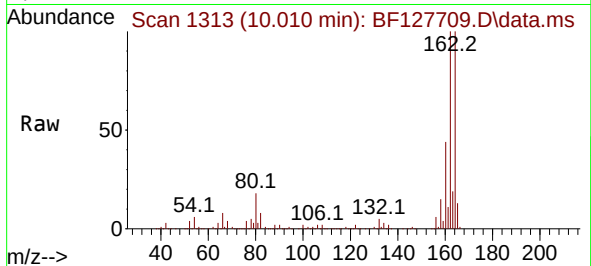




#57
2,4-Dinitrotoluene
Concen: 7.554 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127709.D
Acq: 08 Apr 2022 12:01

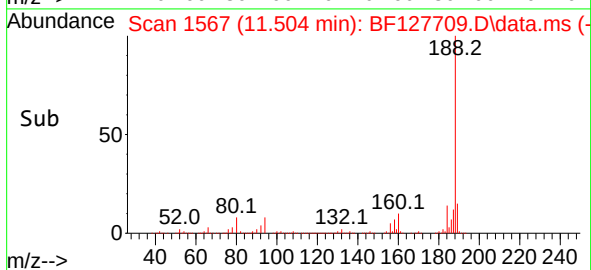
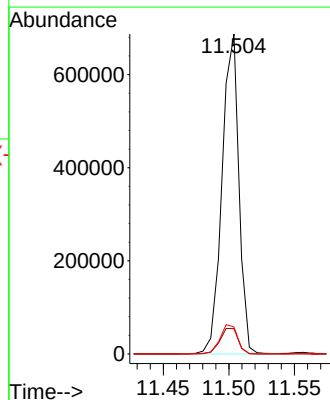
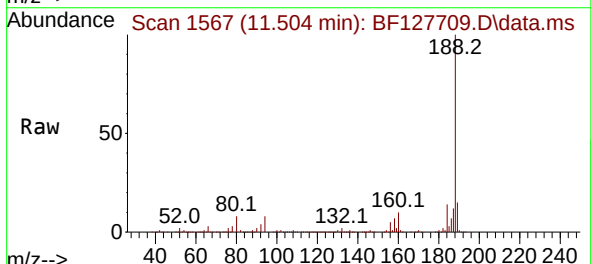
Instrument :
BNA_F
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PB143898TB

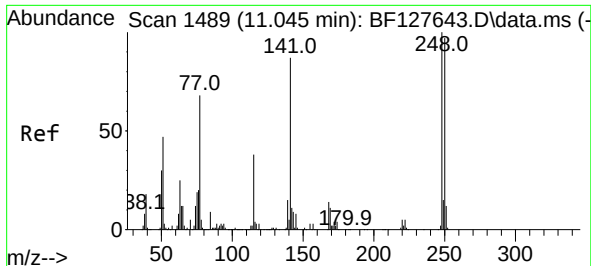
Tgt Ion:165 Resp: 41959
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.8 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF127709.D
Acq: 08 Apr 2022 12:01

Tgt Ion:188 Resp: 613731
Ion Ratio Lower Upper
188 100
94 7.9 7.4 11.0
80 8.5 8.0 12.0

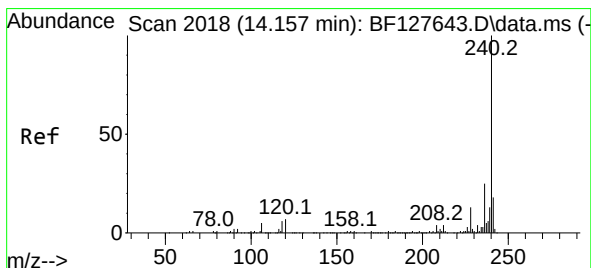
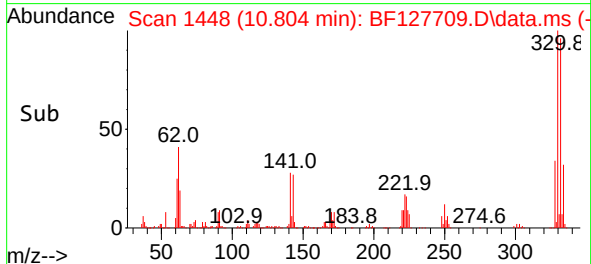
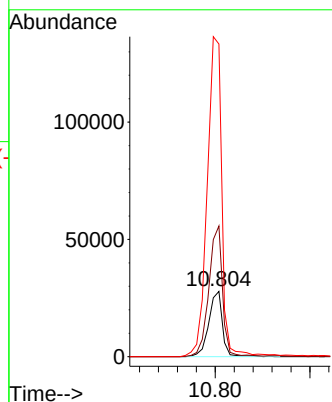
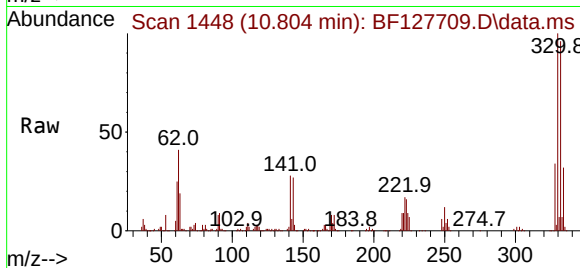




#67
4-Bromophenyl-phenylether
Concen: 3.719 ng
RT: 10.804 min Scan# 1489
Delta R.T. -0.241 min
Lab File: BF127709.D
Acq: 08 Apr 2022 12:01

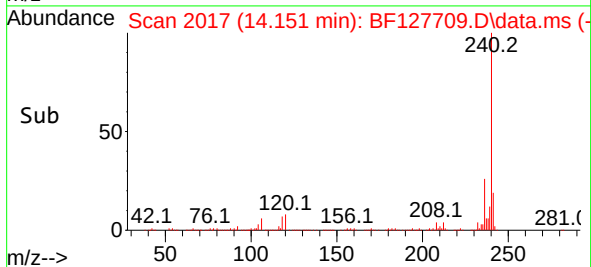
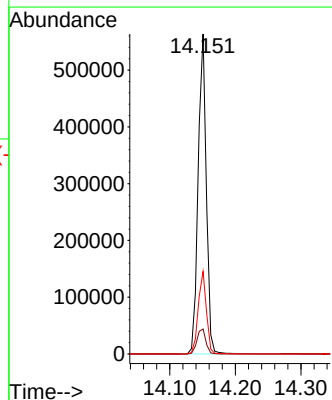
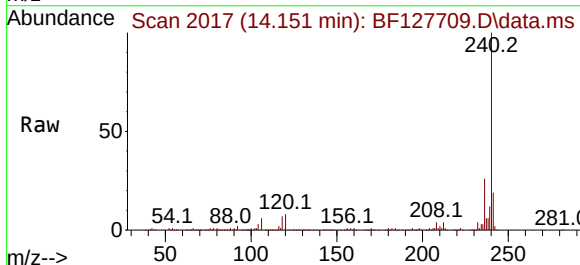
Instrument :
BNA_F
ClientSampleId :
PB143898TB

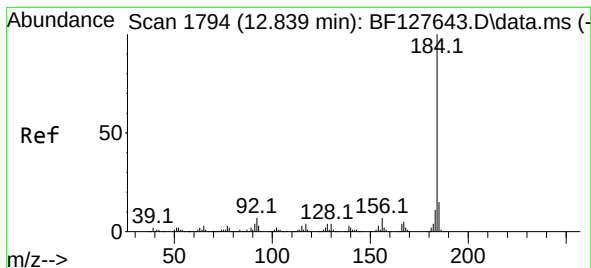
Tgt Ion:248 Resp: 27702
Ion Ratio Lower Upper
248 100
250 199.9 76.6 115.0#
141 478.3 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127709.D
Acq: 08 Apr 2022 12:01

Tgt Ion:240 Resp: 489004
Ion Ratio Lower Upper
240 100
120 7.8 7.1 10.7
236 25.8 20.7 31.1





#77

Benzidine

Concen: 2.394 ng

RT: 13.098 min Scan# 1838

Delta R.T. 0.259 min

Lab File: BF127709.D

Acq: 08 Apr 2022 12:01

Instrument :

BNA_F

ClientSampleId :

PB143898TB

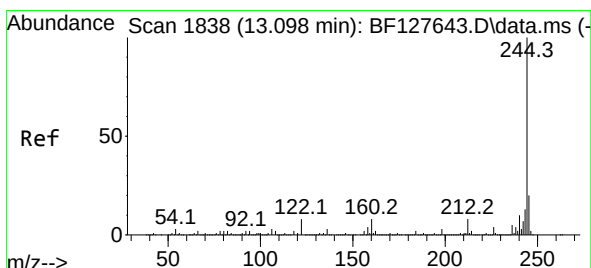
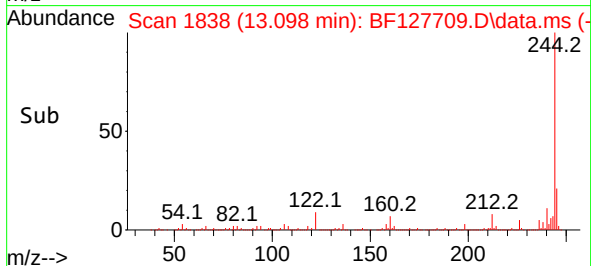
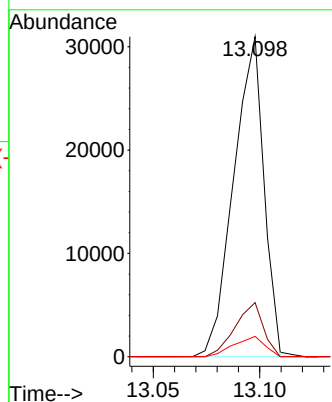
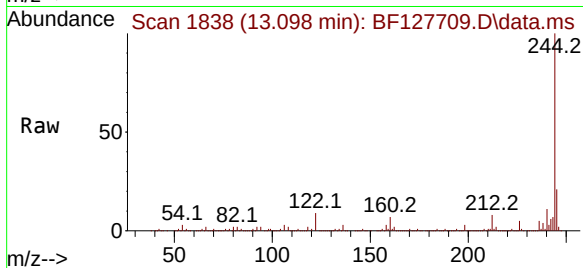
Tgt Ion:184 Resp: 30559

Ion Ratio Lower Upper

184 100

185 16.9 12.2 18.2

183 6.4 9.4 14.0#



#79

Terphenyl-d14

Concen: 71.071 ng

RT: 13.098 min Scan# 1838

Delta R.T. -0.000 min

Lab File: BF127709.D

Acq: 08 Apr 2022 12:01

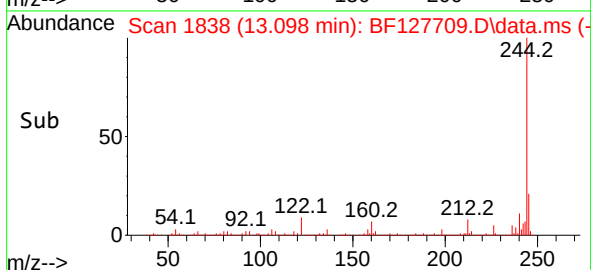
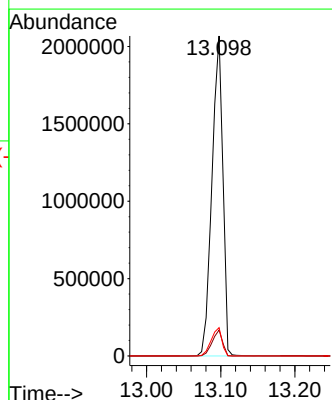
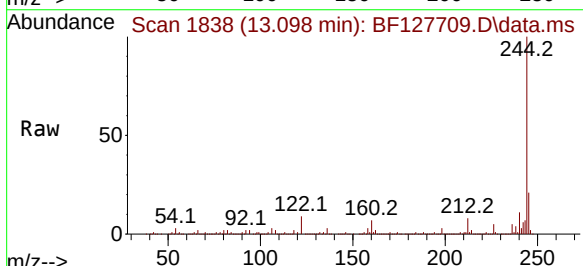
Tgt Ion:244 Resp: 2105535

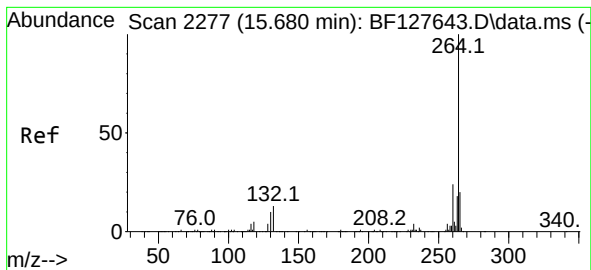
Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

122 8.9 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127709.D
 Acq: 08 Apr 2022 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB143898TB

Tgt Ion:264 Resp: 388076
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.4 17.4 26.2

