

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
 Data File : BF127648.D
 Acq On : 06 Apr 2022 15:11
 Operator : CG\JU
 Sample : PB143920BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143920BL

Quant Time: Apr 06 16:13:29 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)

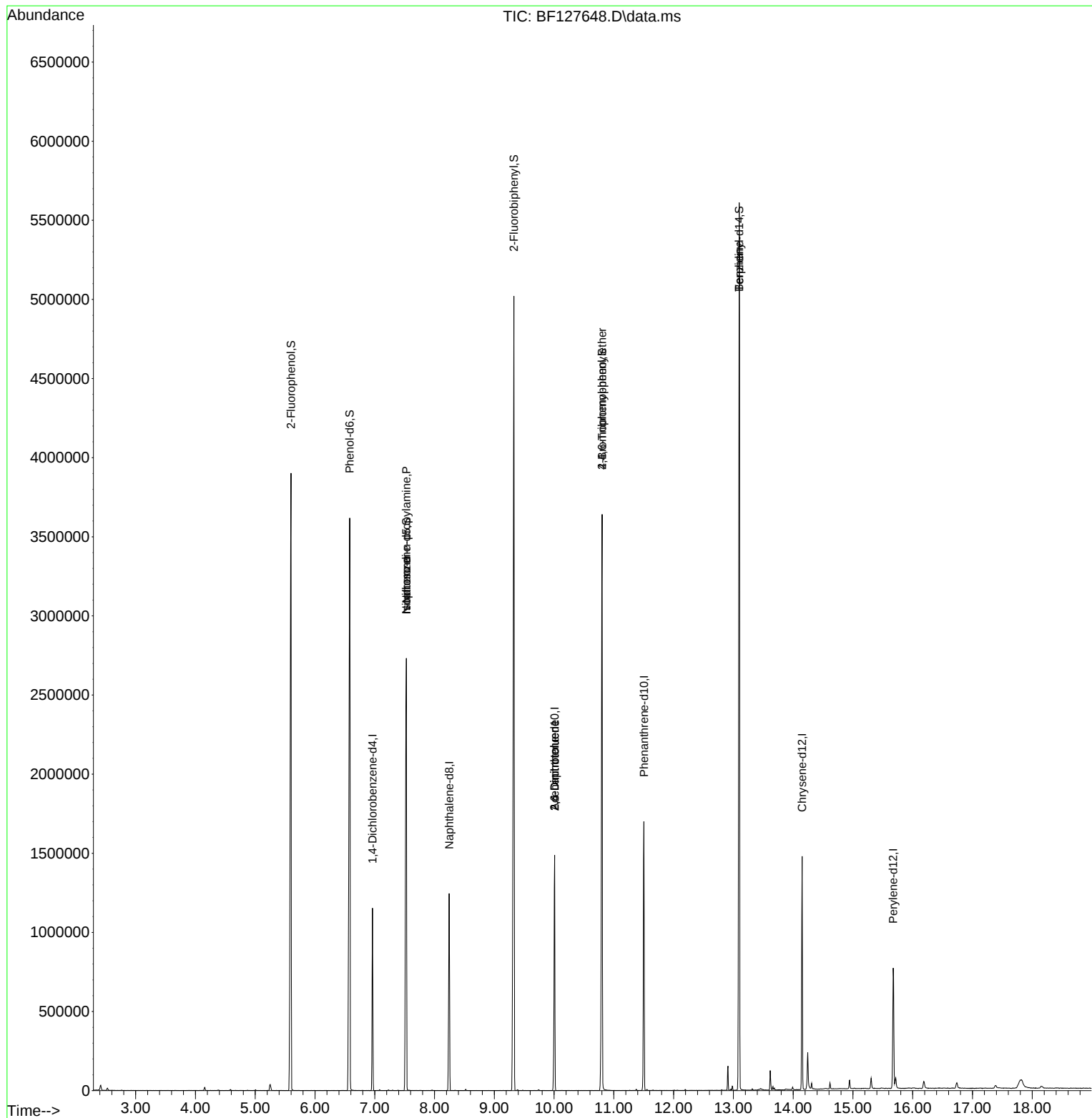
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	152180	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	569327	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	335006	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	623409	20.000	ng	0.00
76) Chrysene-d12	14.151	240	488161	20.000	ng	0.00
86) Perylene-d12	15.674	264	367455	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	1155966	123.428	ng	0.02
7) Phenol-d6	6.581	99	1491336	121.721	ng	0.00
23) Nitrobenzene-d5	7.528	82	1091143	85.442	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	459650	128.935	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	1933873	81.664	ng	0.00
79) Terphenyl-d14	13.098	244	2279796	77.086	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.575	77	2931	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.528	70	153835	19.413	ng	# 78
25) Isophorone	7.528	82	1090891	48.955	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	43683	9.544	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	43683	7.698	ng	# 14
67) 4-Bromophenyl-phenylether	10.804	248	32003	4.230	ng	# 1
77) Benzidine	13.098	184	35532	2.789	ng	# 92

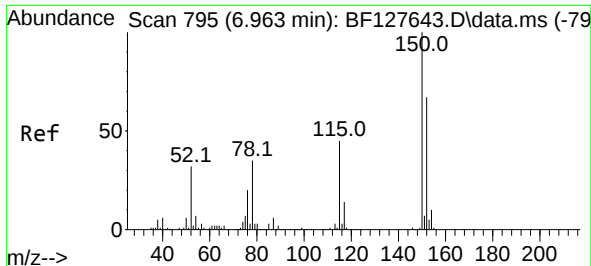
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
Data File : BF127648.D
Acq On : 06 Apr 2022 15:11
Operator : CG\JU
Sample : PB143920BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB143920BL

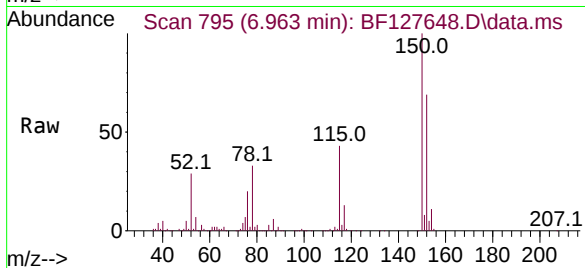
Quant Time: Apr 06 16:13:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 13:55:27 2022
Response via : Initial Calibration



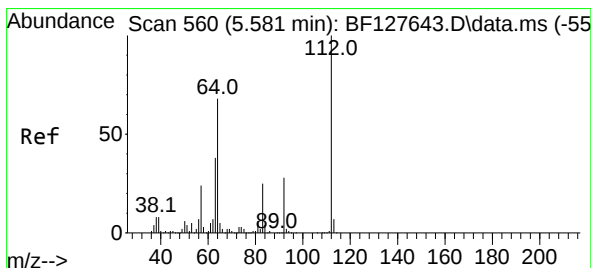
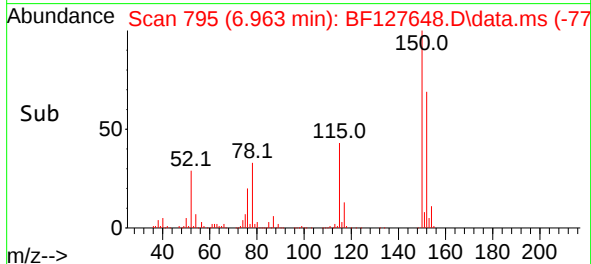
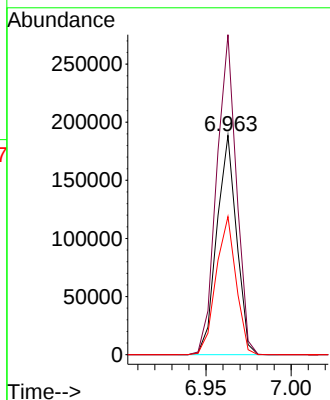


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF127648.D
Acq: 06 Apr 2022 15:11

Instrument :
BNA_F
ClientSampleId :
PB143920BL

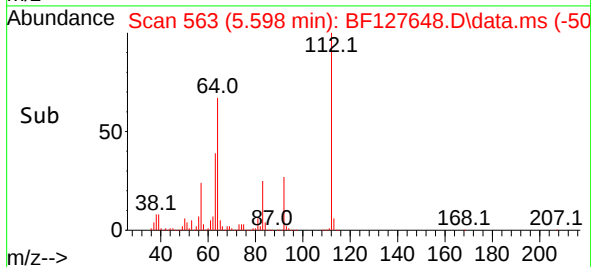
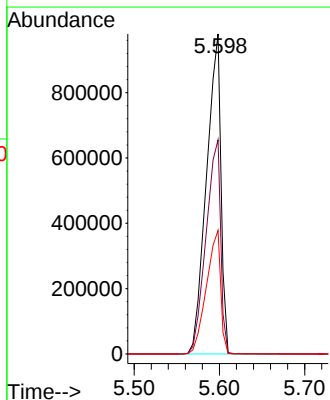
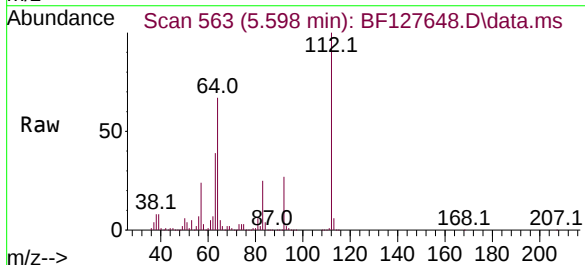


Tgt Ion:152 Resp: 152180
Ion Ratio Lower Upper
152 100
150 145.9 117.2 175.8
115 62.9 49.8 74.6



#5
2-Fluorophenol
Concen: 123.428 ng
RT: 5.598 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF127648.D
Acq: 06 Apr 2022 15:11

Tgt Ion:112 Resp: 1155966
Ion Ratio Lower Upper
112 100
64 66.9 58.4 87.6
63 38.6 30.1 45.1

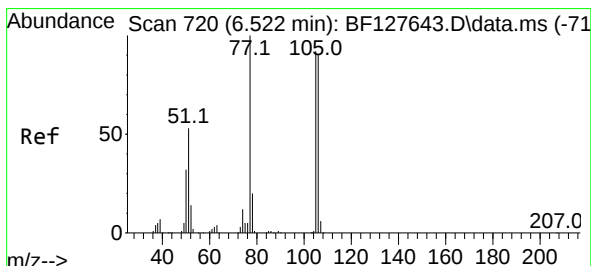
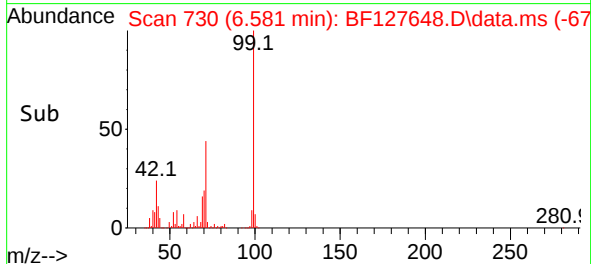
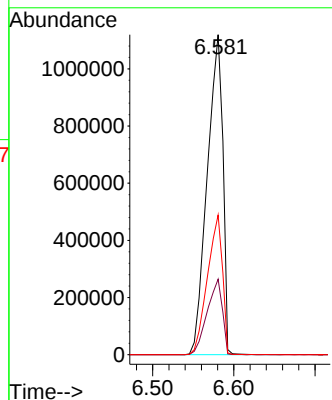
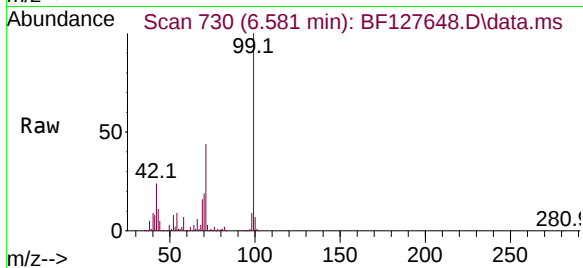




#7
Phenol-d6
Concen: 121.721 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127648.D
Acq: 06 Apr 2022 15:11

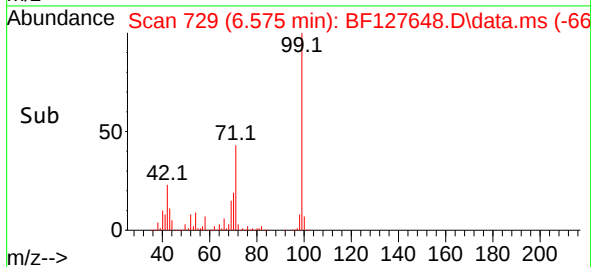
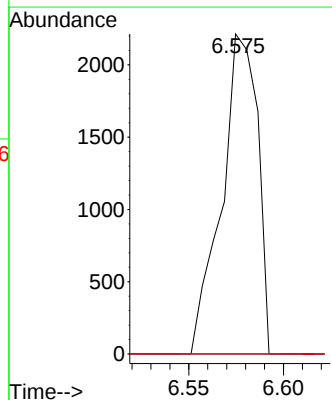
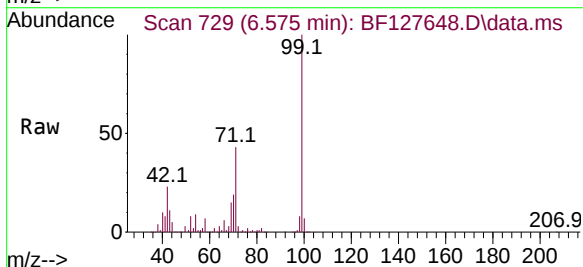
Instrument :
BNA_F
ClientSampleId :
PB143920BL

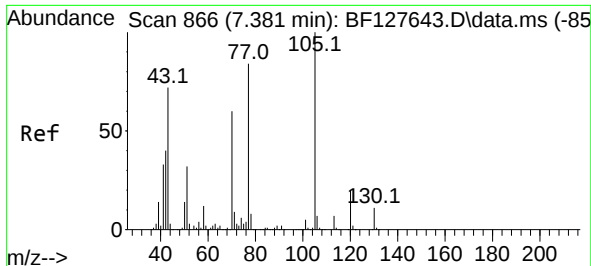
Tgt Ion: 99 Resp: 1491336
Ion Ratio Lower Upper
99 100
42 23.6 17.8 26.6
71 43.6 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.575 min Scan# 729
Delta R.T. 0.053 min
Lab File: BF127648.D
Acq: 06 Apr 2022 15:11

Tgt Ion: 77 Resp: 2931
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: 19.413 ng

RT: 7.528 min Scan# 891

Delta R.T. 0.147 min

Lab File: BF127648.D

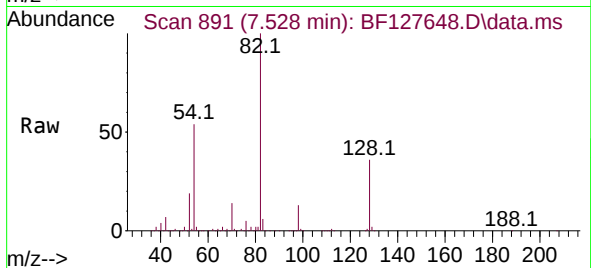
Acq: 06 Apr 2022 15:11

Instrument :

BNA_F

ClientSampleId :

PB143920BL



Tgt Ion: 70 Resp: 153835

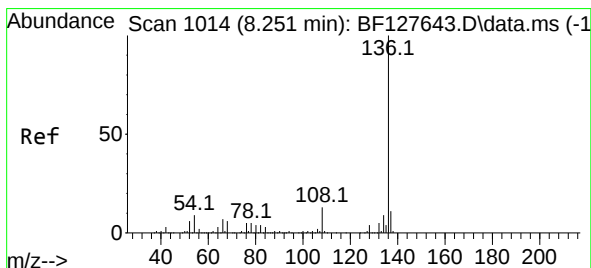
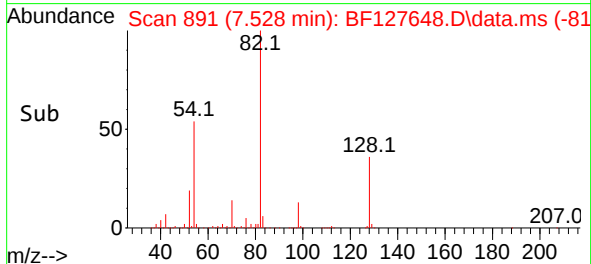
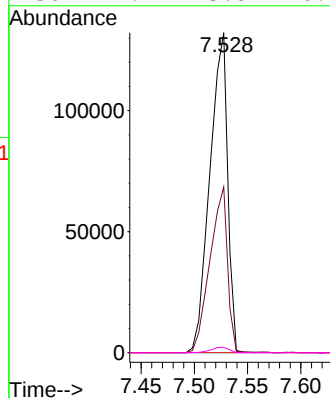
Ion Ratio Lower Upper

70 100

42 51.8 53.0 79.6#

101 0.0 6.8 10.2#

130 1.7 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: BF127648.D

Acq: 06 Apr 2022 15:11

Tgt Ion: 136 Resp: 569327

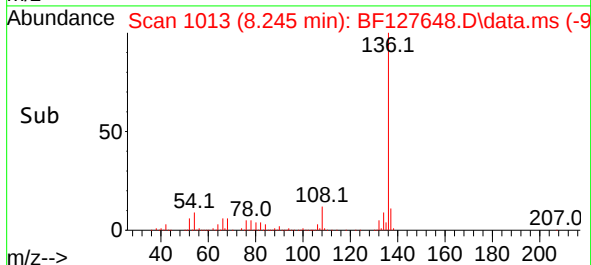
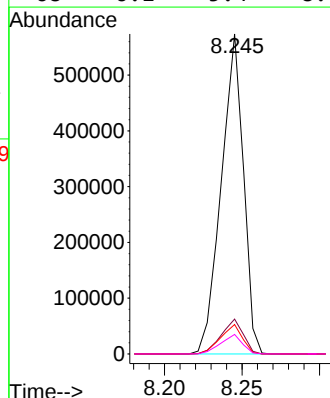
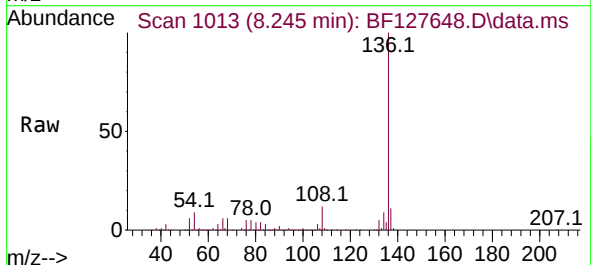
Ion Ratio Lower Upper

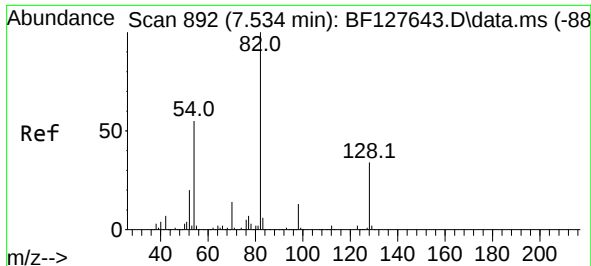
136 100

137 10.9 8.6 13.0

54 9.2 9.2 13.8

68 6.1 5.4 8.0





#23

Nitrobenzene-d5

Concen: 85.442 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127648.D

Acq: 06 Apr 2022 15:11

Instrument :

BNA_F

ClientSampleId :

PB143920BL

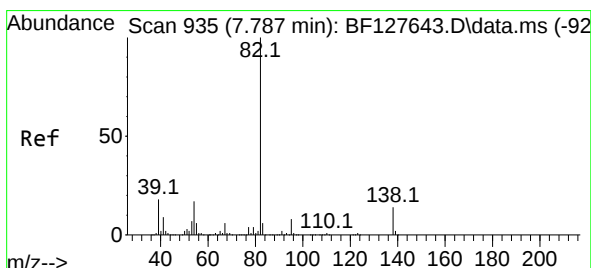
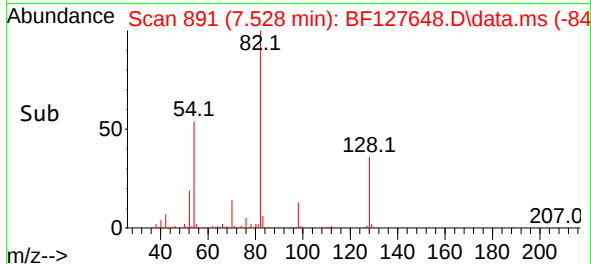
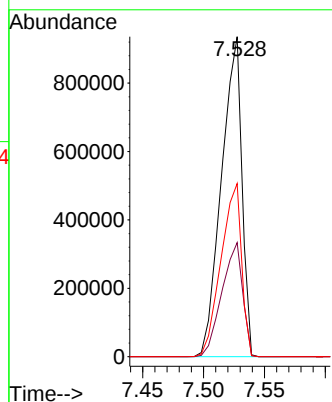
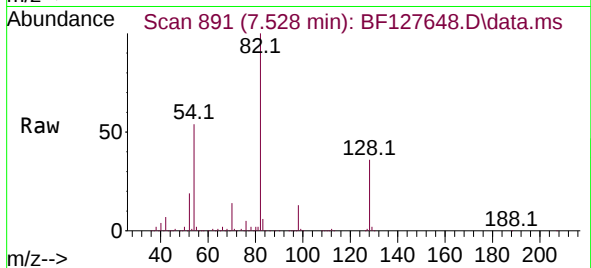
Tgt Ion: 82 Resp: 1091143

Ion Ratio Lower Upper

82 100

128 35.6 30.6 45.8

54 54.1 48.2 72.2



#25

Isophorone

Concen: 48.955 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.259 min

Lab File: BF127648.D

Acq: 06 Apr 2022 15:11

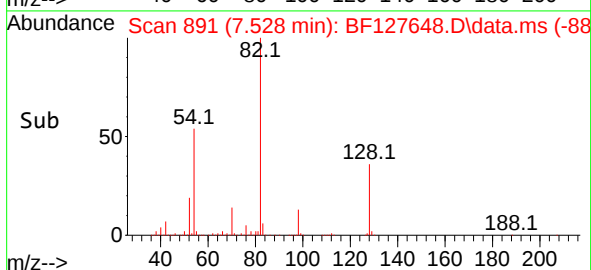
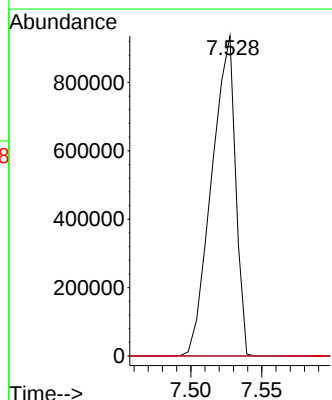
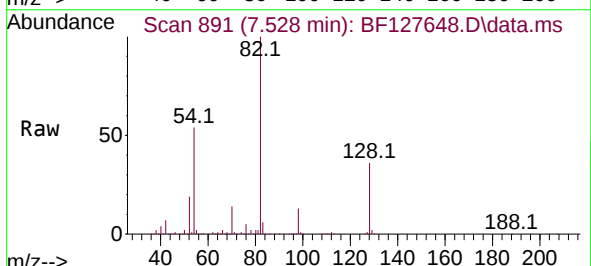
Tgt Ion: 82 Resp: 1090891

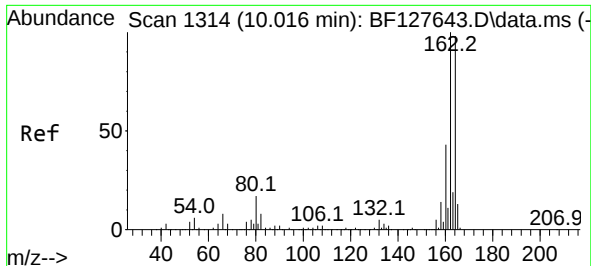
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

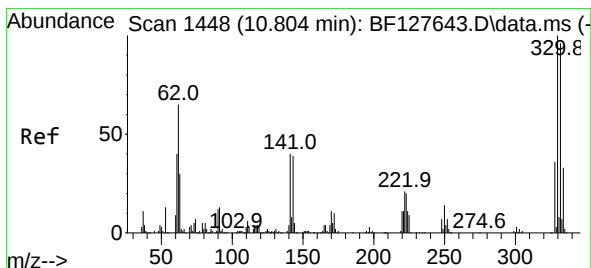
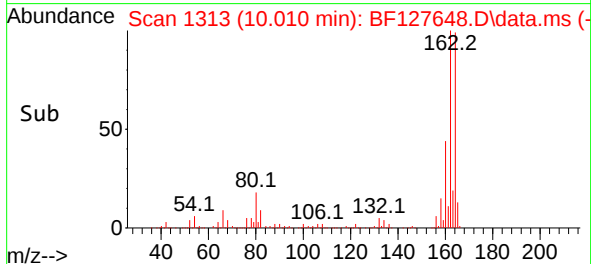
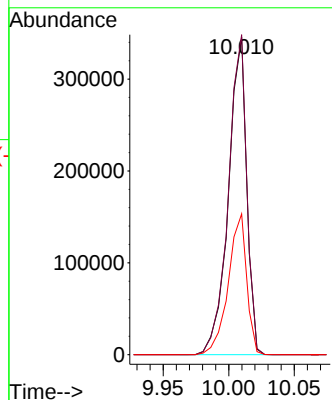
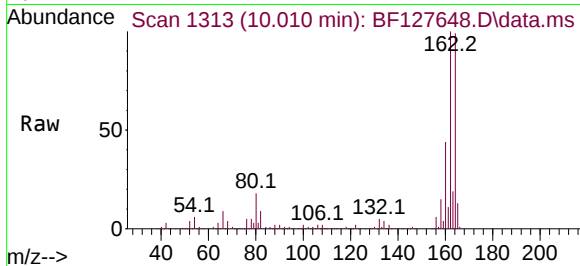




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127648.D
Acq: 06 Apr 2022 15:11

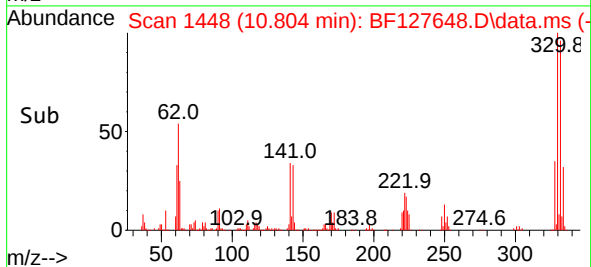
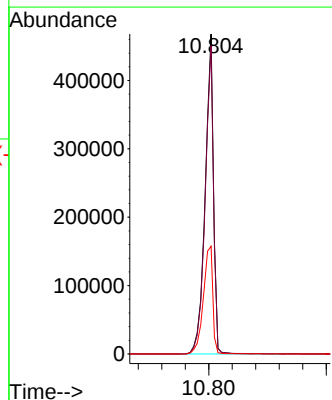
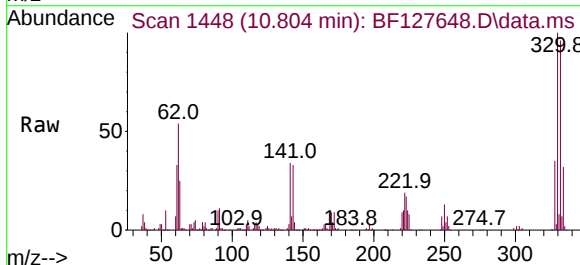
Instrument :
BNA_F
ClientSampleId :
PB143920BL

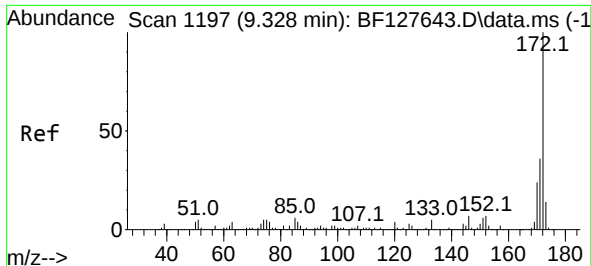
Tgt Ion:164 Resp: 335006
Ion Ratio Lower Upper
164 100
162 100.8 81.2 121.8
160 44.4 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 128.935 ng
RT: 10.804 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF127648.D
Acq: 06 Apr 2022 15:11

Tgt Ion:330 Resp: 459650
Ion Ratio Lower Upper
330 100
332 96.2 79.1 118.7
141 38.1 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 81.664 ng

RT: 9.327 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF127648.D

Acq: 06 Apr 2022 15:11

Instrument :

BNA_F

ClientSampleId :

PB143920BL

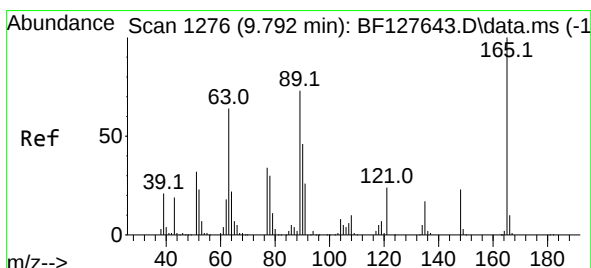
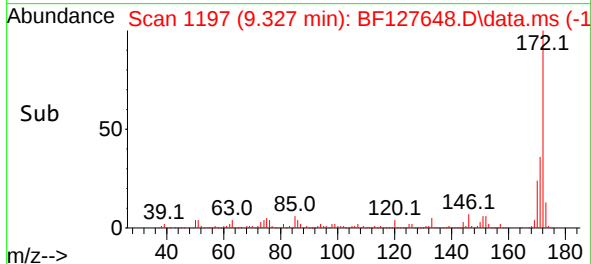
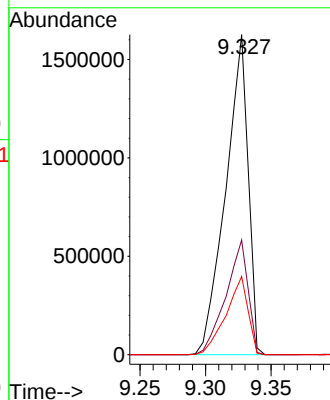
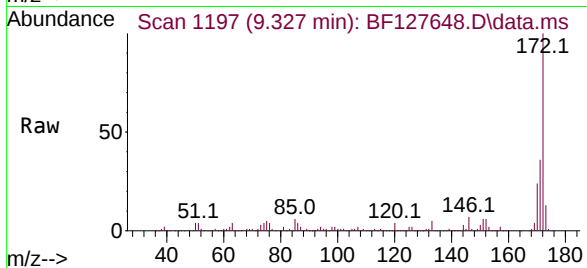
Tgt Ion:172 Resp: 1933873

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 24.5 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.544 ng

RT: 10.010 min Scan# 1313

Delta R.T. 0.218 min

Lab File: BF127648.D

Acq: 06 Apr 2022 15:11

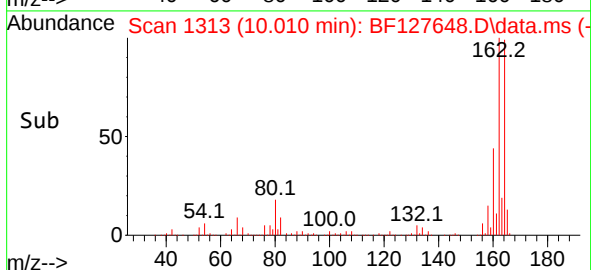
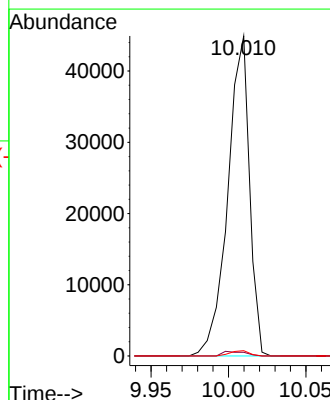
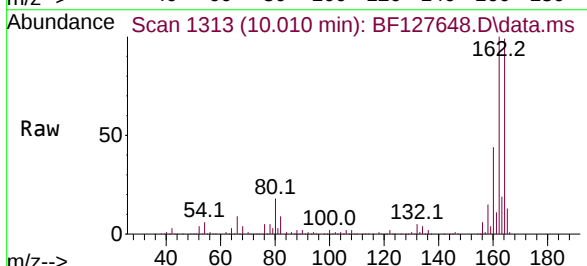
Tgt Ion:165 Resp: 43683

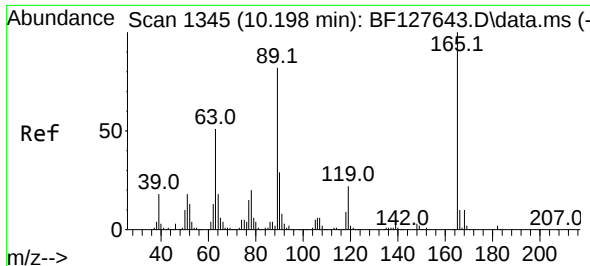
Ion Ratio Lower Upper

165 100

63 1.1 58.3 87.5#

89 1.6 51.5 77.3#

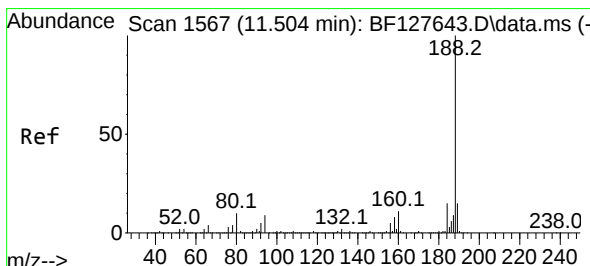
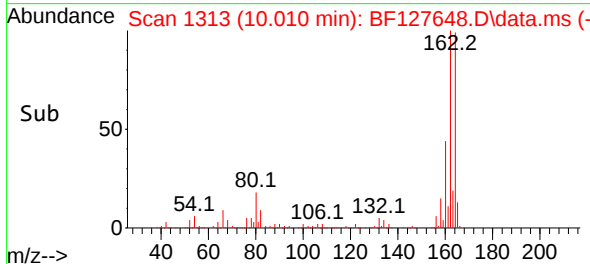
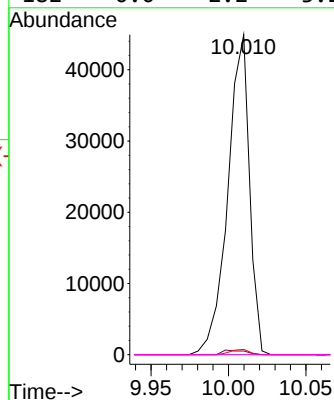
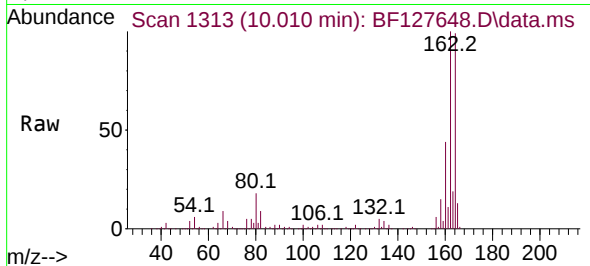




#57
2,4-Dinitrotoluene
Concen: 7.698 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127648.D
Acq: 06 Apr 2022 15:11

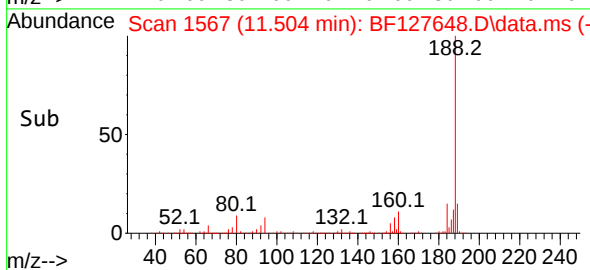
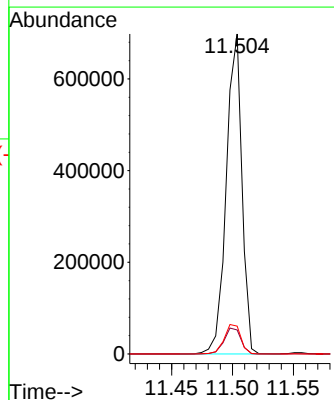
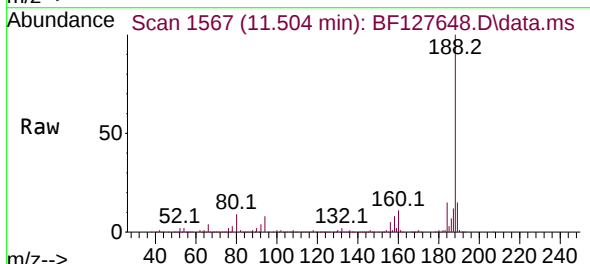
Instrument :
BNA_F
ClientSampleId :
PB143920BL

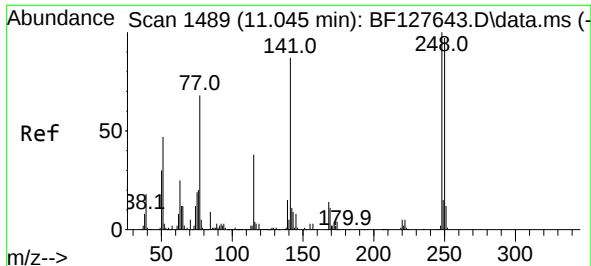
Tgt Ion:165 Resp: 43683
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.6 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF127648.D
Acq: 06 Apr 2022 15:11

Tgt Ion:188 Resp: 623409
Ion Ratio Lower Upper
188 100
94 7.5 7.4 11.0
80 8.7 8.0 12.0

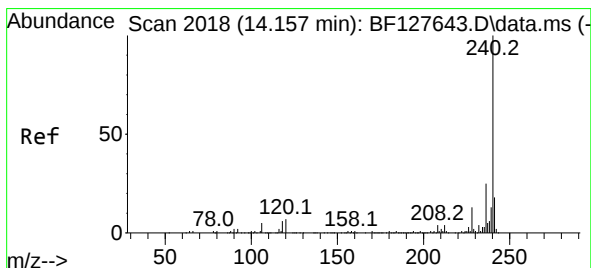
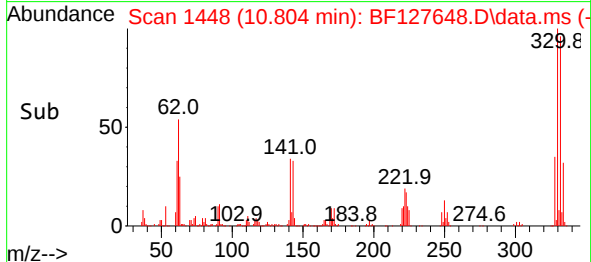
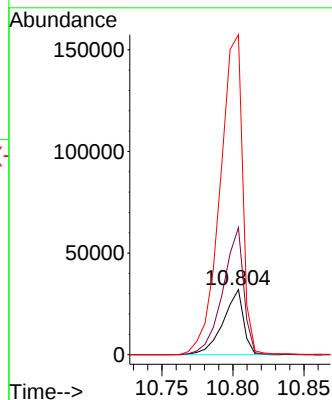
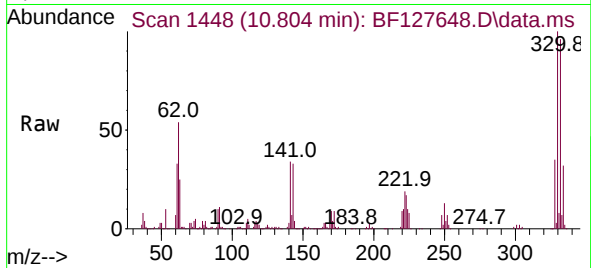




#67
4-Bromophenyl-phenylether
Concen: 4.230 ng
RT: 10.804 min Scan# 1489
Delta R.T. -0.241 min
Lab File: BF127648.D
Acq: 06 Apr 2022 15:11

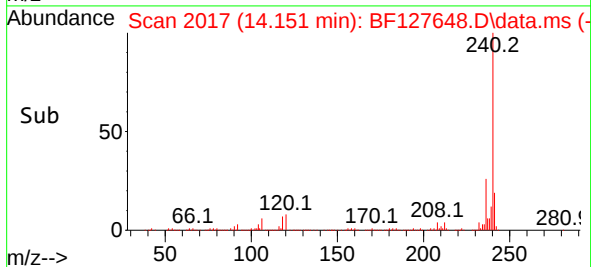
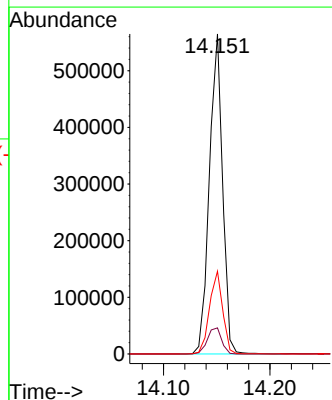
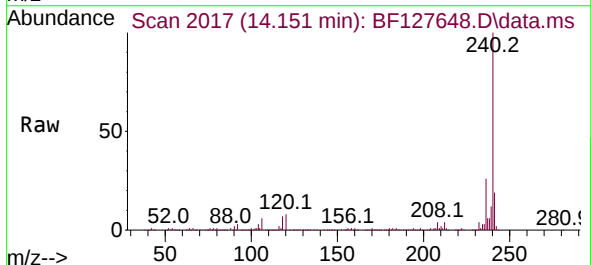
Instrument :
BNA_F
ClientSampleId :
PB143920BL

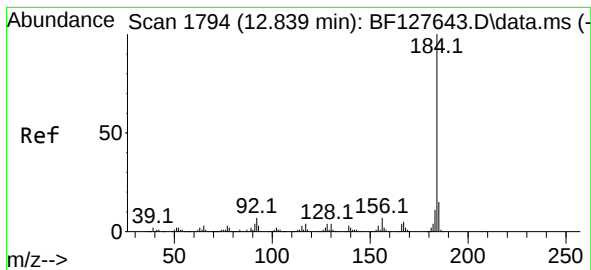
Tgt Ion:248 Resp: 32003
Ion Ratio Lower Upper
248 100
250 195.2 76.6 115.0#
141 491.7 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127648.D
Acq: 06 Apr 2022 15:11

Tgt Ion:240 Resp: 488161
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 25.8 20.7 31.1





#77

Benzidine

Concen: 2.789 ng

RT: 13.098 min Scan# 1838

Delta R.T. 0.259 min

Lab File: BF127648.D

Acq: 06 Apr 2022 15:11

Instrument :

BNA_F

ClientSampleId :

PB143920BL

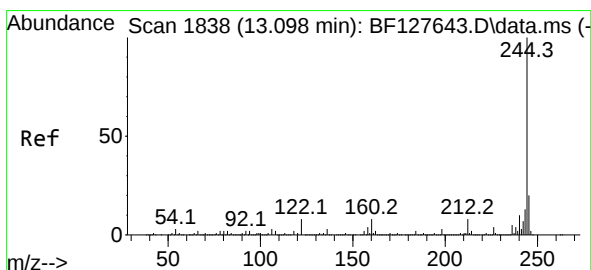
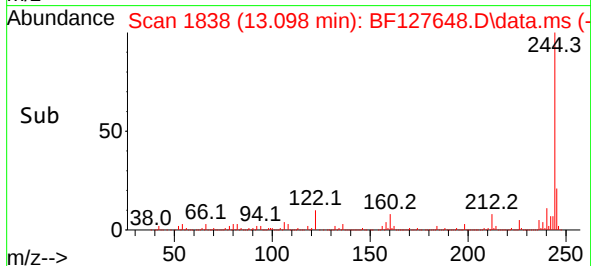
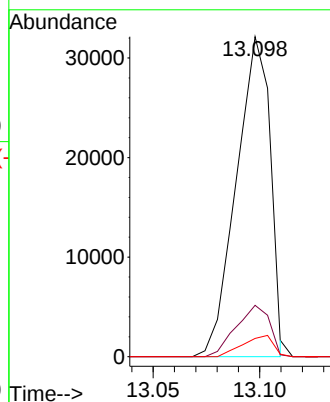
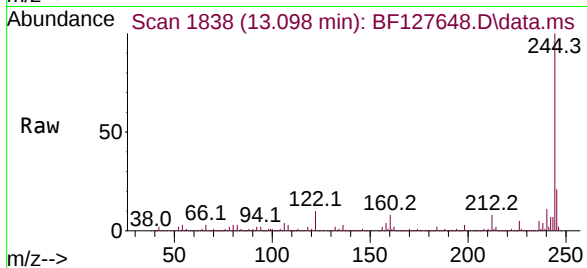
Tgt Ion:184 Resp: 35532

Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.2

183 5.7 9.4 14.0#



#79

Terphenyl-d14

Concen: 77.086 ng

RT: 13.098 min Scan# 1838

Delta R.T. -0.000 min

Lab File: BF127648.D

Acq: 06 Apr 2022 15:11

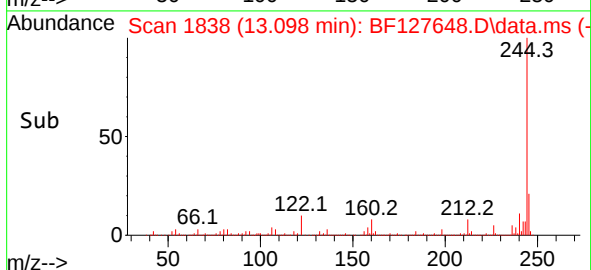
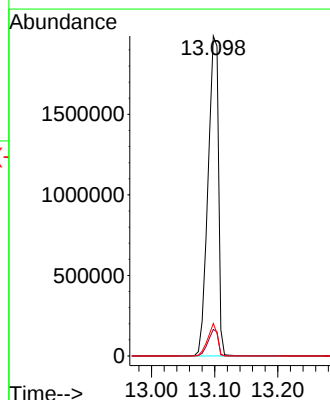
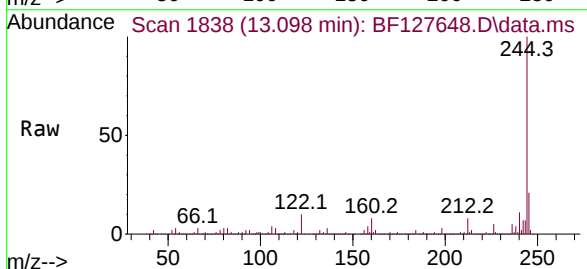
Tgt Ion:244 Resp: 2279796

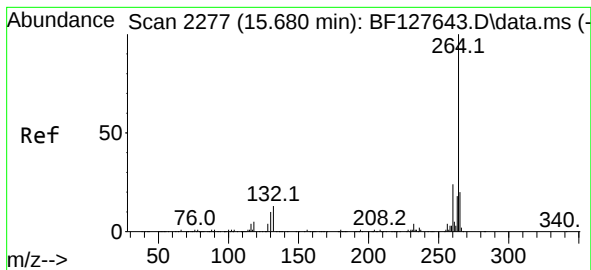
Ion Ratio Lower Upper

244 100

212 8.3 5.7 8.5

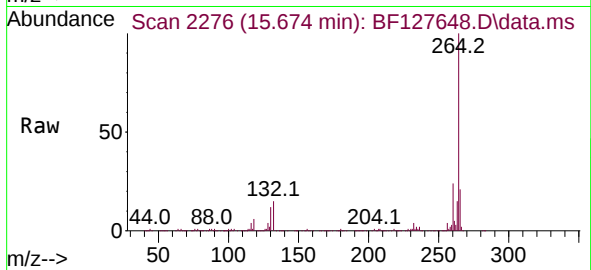
122 10.1 6.2 9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.674 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127648.D
Acq: 06 Apr 2022 15:11

Instrument :
BNA_F
ClientSampleId :
PB143920BL



Tgt Ion:264 Resp: 367455

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	21.3	17.4	26.2

