

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
 Data File : BF127822.D
 Acq On : 18 Apr 2022 11:59
 Operator : CG\JU
 Sample : PB144120TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144120TB

Quant Time: Apr 19 05:14:55 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 16:40:15 2022
 Response via : Initial Calibration

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

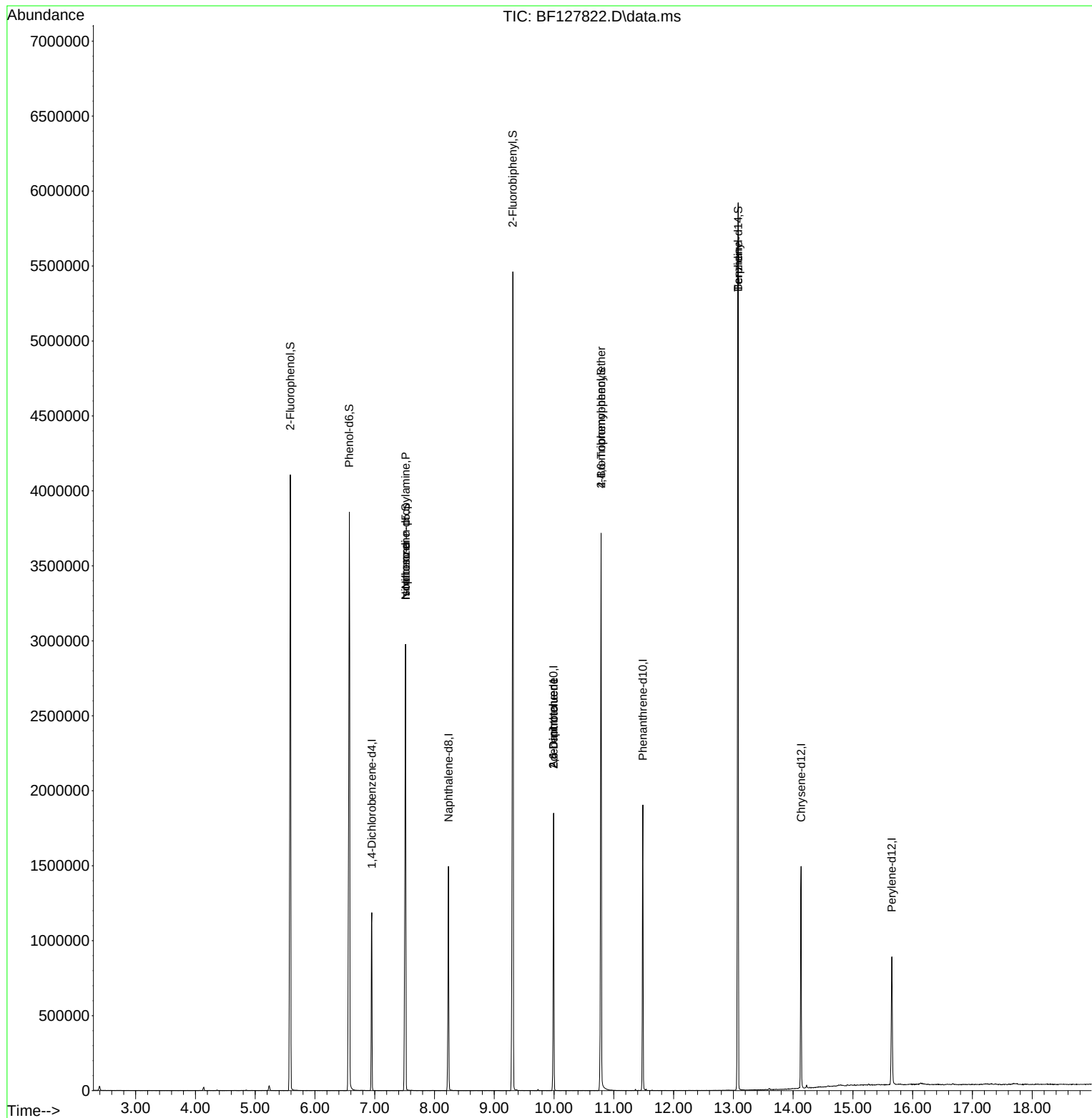
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	182325	20.000	ng	-0.01
21) Naphthalene-d8	8.234	136	665398	20.000	ng	#-0.01
39) Acenaphthene-d10	9.992	164	377813	20.000	ng	-0.01
64) Phenanthrene-d10	11.486	188	696693	20.000	ng	0.00
76) Chrysene-d12	14.133	240	543041	20.000	ng	-0.01
86) Perylene-d12	15.651	264	418204	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1265461	112.780	ng	0.00
7) Phenol-d6	6.575	99	1619984	110.360	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1178222	78.940	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	486111	120.908	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	2005130	75.079	ng	-0.01
79) Terphenyl-d14	13.080	244	2289716	69.597	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.575	77	3007	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.516	70	162910	17.159	ng	# 73
25) Isophorone	7.516	82	1165604	44.755	ng	# 70
51) 2,6-Dinitrotoluene	9.992	165	49238	9.538	ng	# 17
57) 2,4-Dinitrotoluene	9.992	165	49238	7.693	ng	# 14
67) 4-Bromophenyl-phenylether	10.786	248	32164	3.804	ng	# 1
77) Benzidine	13.080	184	33652	2.374	ng	# 92

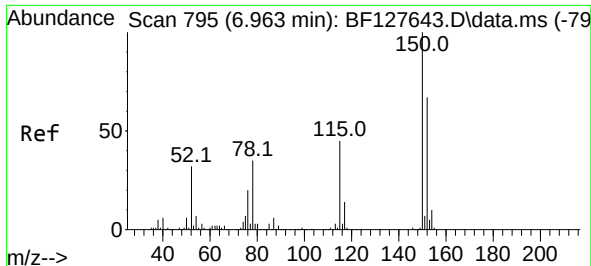
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127822.D
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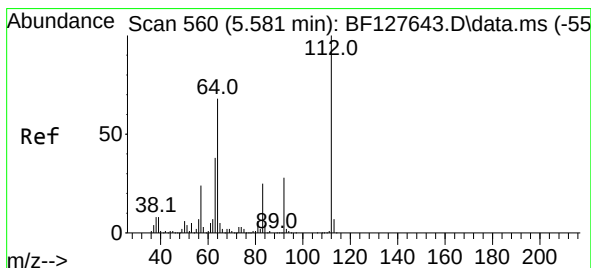
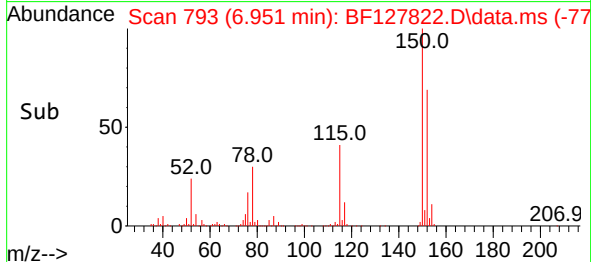
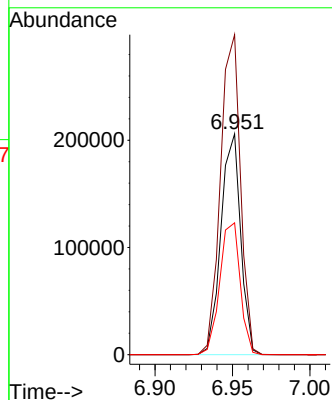
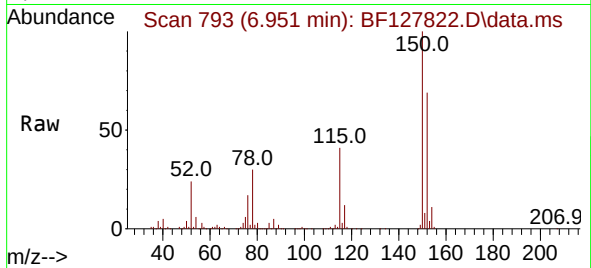




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.951 min Scan# 795
 Delta R.T. -0.012 min
 Lab File: BF127822.D
 Acq: 18 Apr 2022 11:59

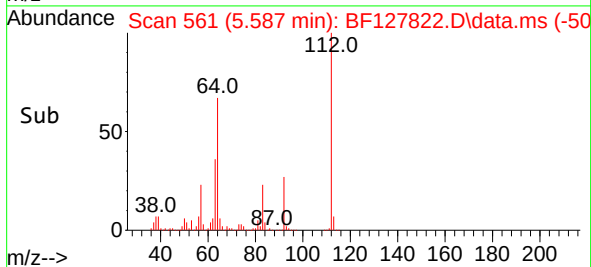
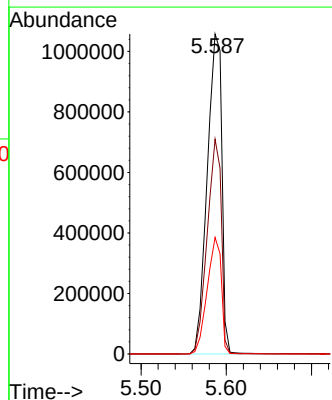
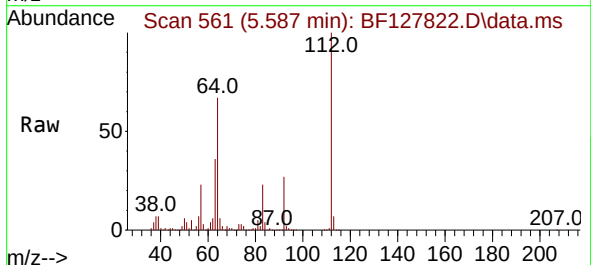
Instrument :
 BNA_F
 ClientSampleId :
 PB144120TB

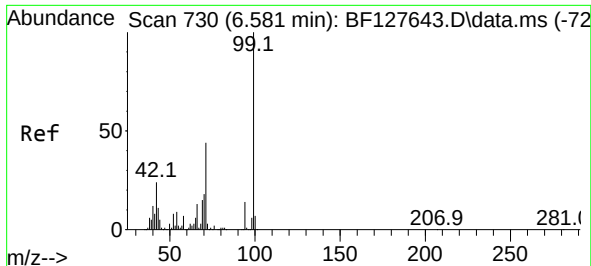
Tgt Ion:152 Resp: 182325
 Ion Ratio Lower Upper
 152 100
 150 144.9 117.2 175.8
 115 59.7 49.8 74.6



#5
 2-Fluorophenol
 Concen: 112.780 ng
 RT: 5.587 min Scan# 561
 Delta R.T. 0.006 min
 Lab File: BF127822.D
 Acq: 18 Apr 2022 11:59

Tgt Ion:112 Resp: 1265461
 Ion Ratio Lower Upper
 112 100
 64 67.1 58.4 87.6
 63 36.4 30.1 45.1

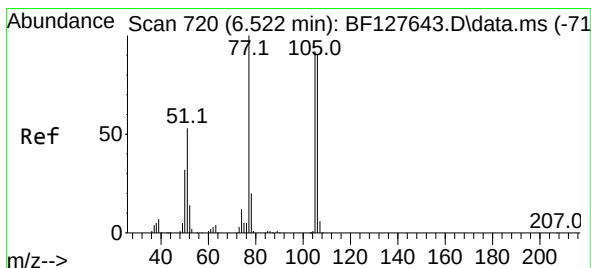
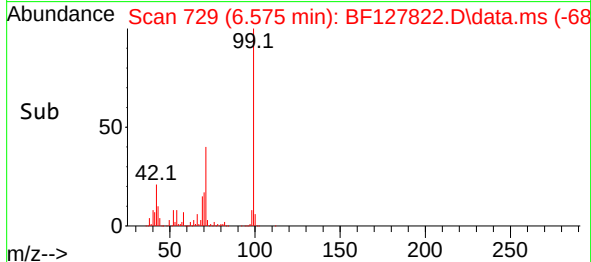
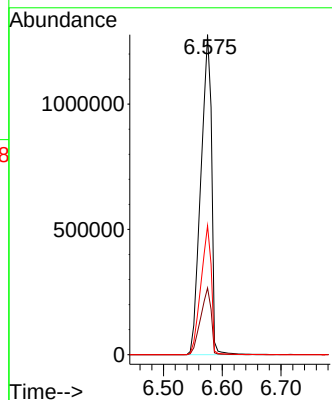
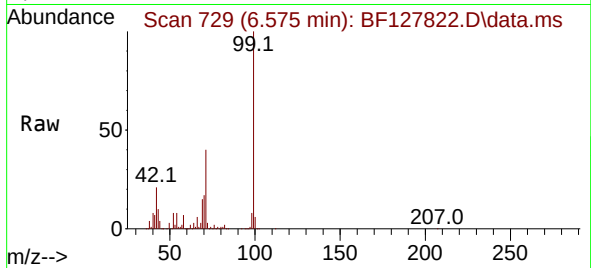




#7
Phenol-d6
Concen: 110.360 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127822.D
Acq: 18 Apr 2022 11:59

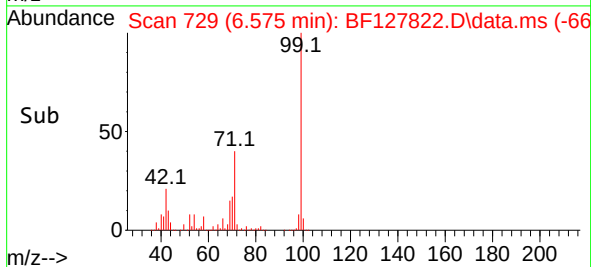
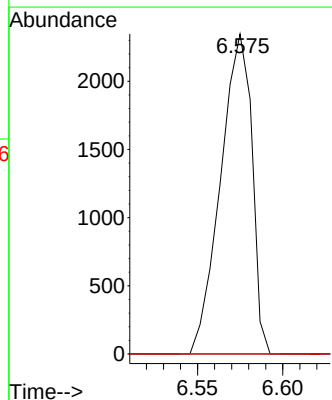
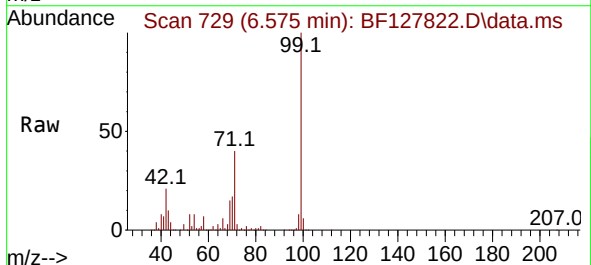
Instrument :
BNA_F
ClientSampleId :
PB144120TB

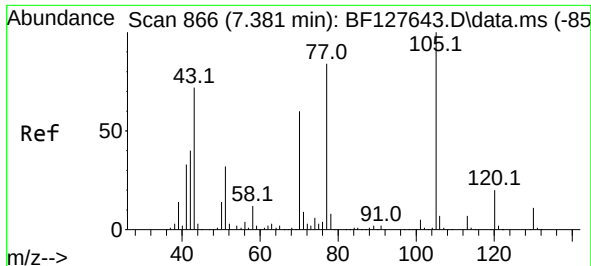
Tgt Ion: 99 Resp: 1619984
Ion Ratio Lower Upper
99 100
42 20.9 17.8 26.6
71 40.3 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.575 min Scan# 729
Delta R.T. 0.059 min
Lab File: BF127822.D
Acq: 18 Apr 2022 11:59

Tgt Ion: 77 Resp: 3007
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: 17.159 ng

RT: 7.516 min Scan# 81

Delta R.T. 0.141 min

Lab File: BF127822.D

Acq: 18 Apr 2022 11:59

Instrument :

BNA_F

ClientSampleId :

PB144120TB

Tgt Ion: 70 Resp: 162910

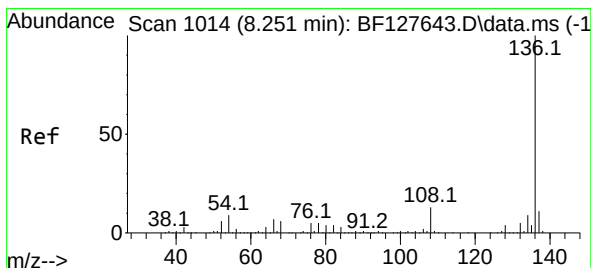
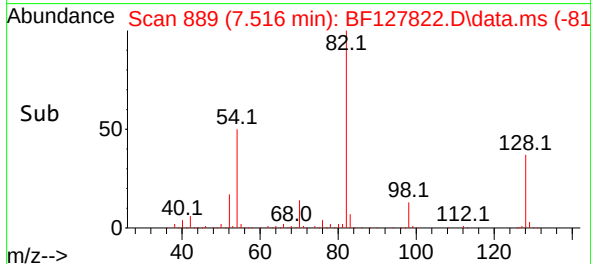
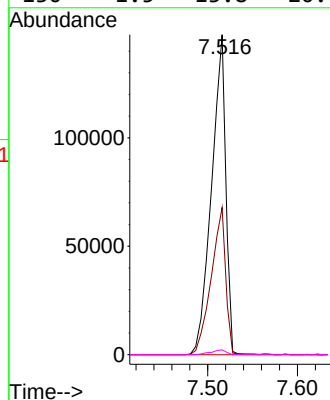
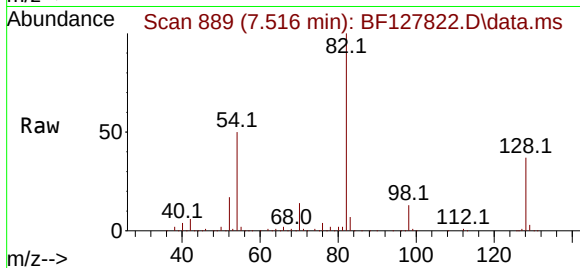
Ion Ratio Lower Upper

70 100

42 46.0 53.0 79.6#

101 0.0 6.8 10.2#

130 1.5 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.234 min Scan# 1011

Delta R.T. -0.012 min

Lab File: BF127822.D

Acq: 18 Apr 2022 11:59

Tgt Ion:136 Resp: 665398

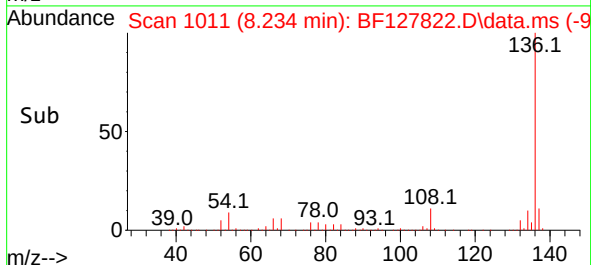
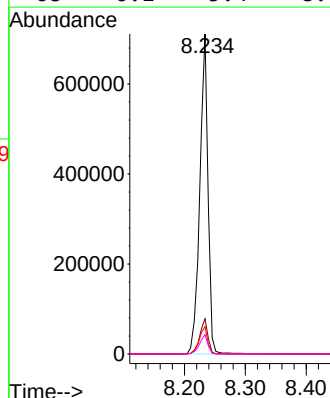
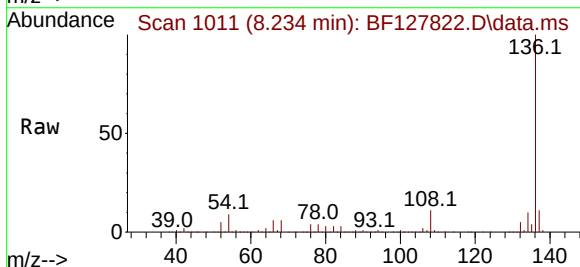
Ion Ratio Lower Upper

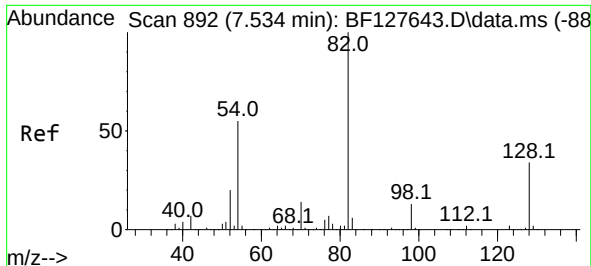
136 100

137 11.0 8.6 13.0

54 8.5 9.2 13.8#

68 6.1 5.4 8.0





#23

Nitrobenzene-d5

Concen: 78.940 ng

RT: 7.516 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF127822.D

Acq: 18 Apr 2022 11:59

Instrument :

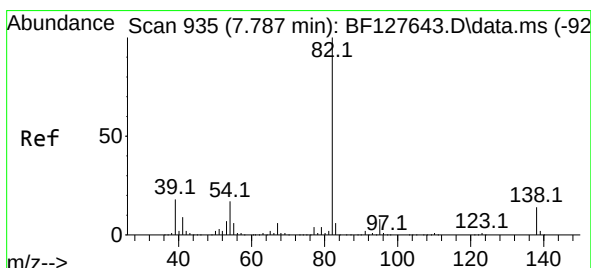
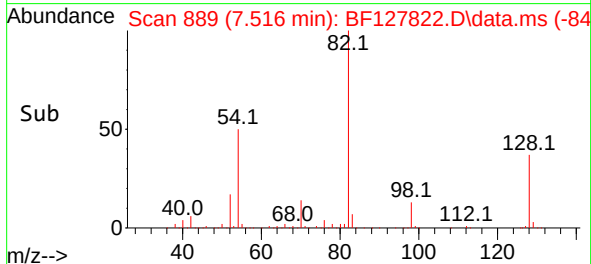
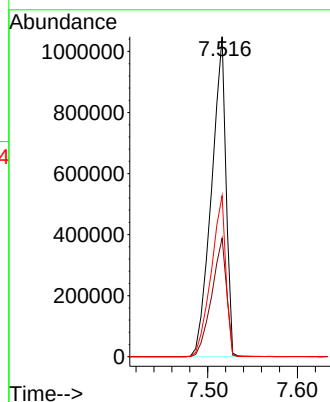
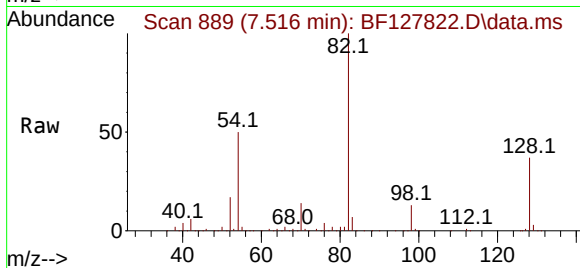
BNA_F

ClientSampleId :

PB144120TB

Tgt Ion: 82 Resp: 1178222

Ion	Ratio	Lower	Upper
82	100		
128	37.1	30.6	45.8
54	50.3	48.2	72.2



#25

Isophorone

Concen: 44.755 ng

RT: 7.516 min Scan# 889

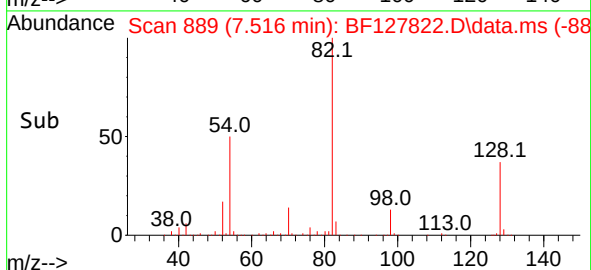
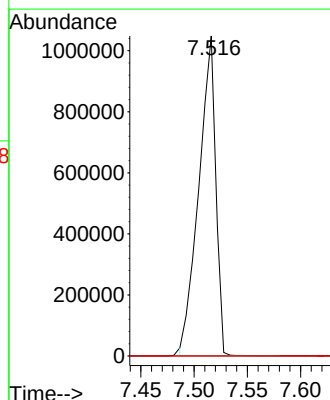
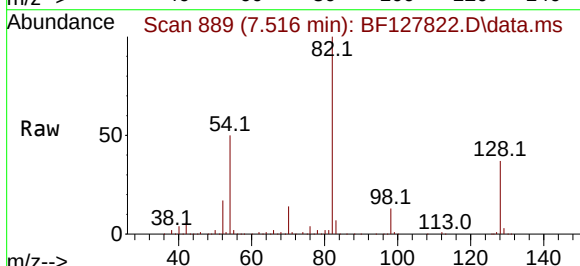
Delta R.T. -0.271 min

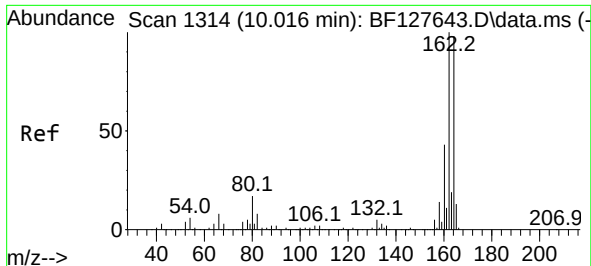
Lab File: BF127822.D

Acq: 18 Apr 2022 11:59

Tgt Ion: 82 Resp: 1165604

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	11.6	17.4#

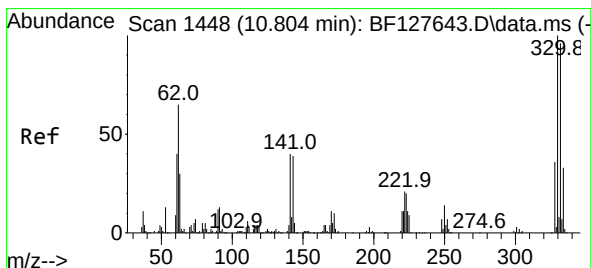
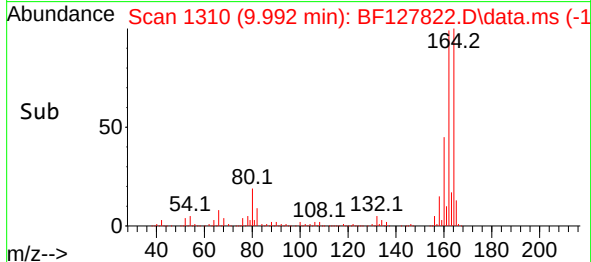
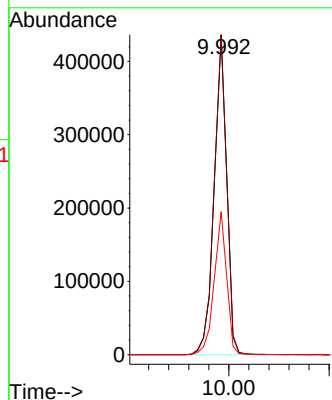
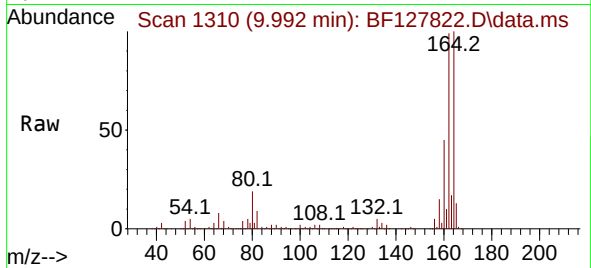




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127822.D
Acq: 18 Apr 2022 11:59

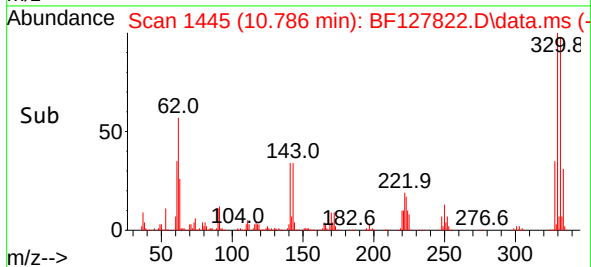
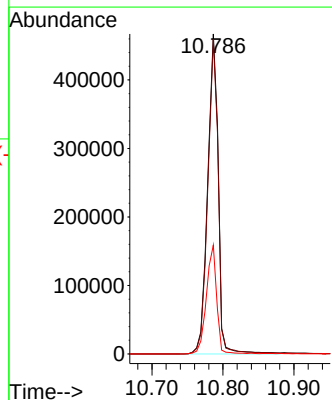
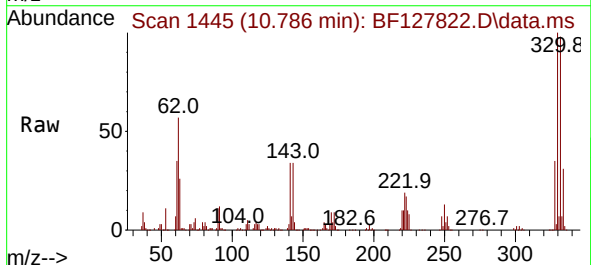
Instrument :
BNA_F
ClientSampleId :
PB144120TB

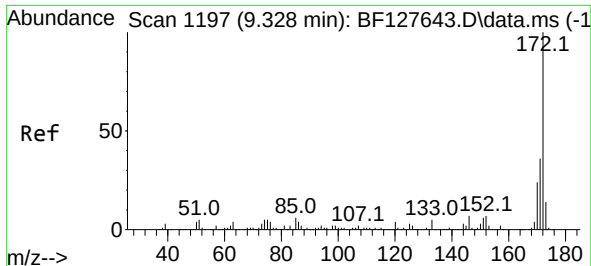
Tgt Ion:164 Resp: 377813
Ion Ratio Lower Upper
164 100
162 99.5 81.2 121.8
160 44.7 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 120.908 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF127822.D
Acq: 18 Apr 2022 11:59

Tgt Ion:330 Resp: 486111
Ion Ratio Lower Upper
330 100
332 96.9 79.1 118.7
141 33.2 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 75.079 ng

RT: 9.310 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF127822.D

Acq: 18 Apr 2022 11:59

Instrument :

BNA_F

ClientSampleId :

PB144120TB

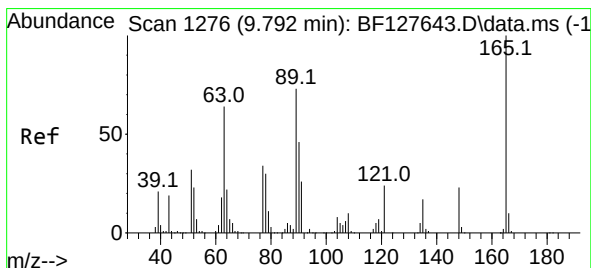
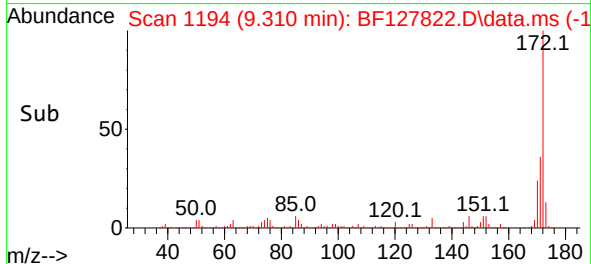
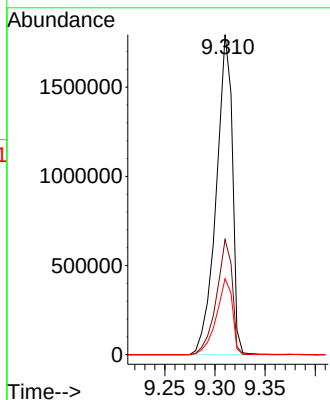
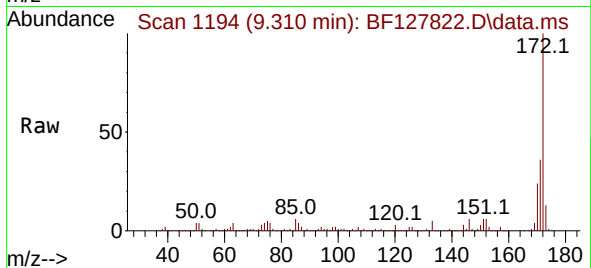
Tgt Ion:172 Resp: 2005130

Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 23.8 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.538 ng

RT: 9.992 min Scan# 1310

Delta R.T. 0.206 min

Lab File: BF127822.D

Acq: 18 Apr 2022 11:59

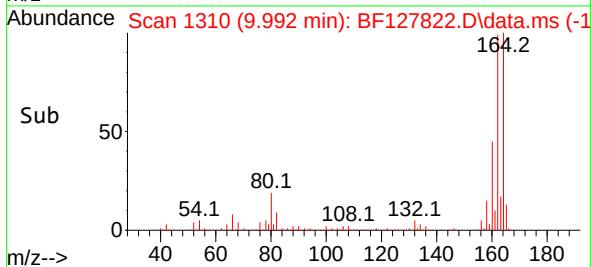
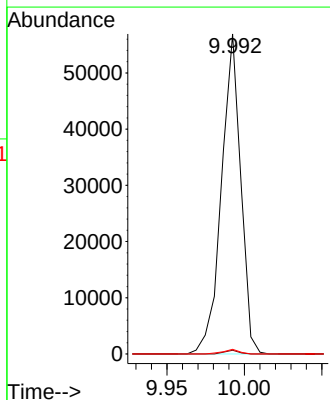
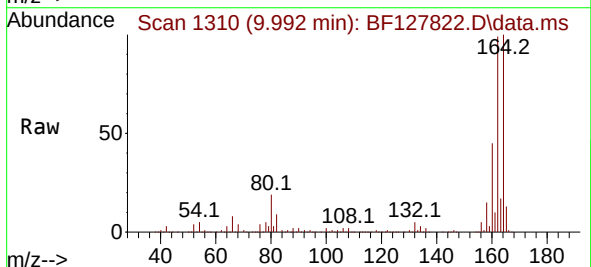
Tgt Ion:165 Resp: 49238

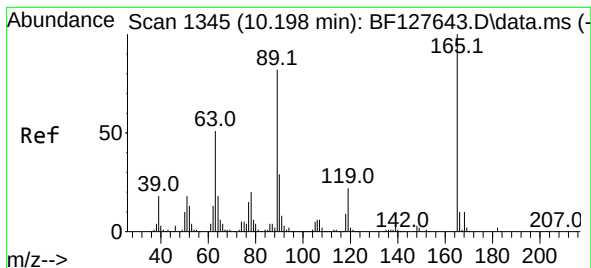
Ion Ratio Lower Upper

165 100

63 1.2 58.3 87.5#

89 1.4 51.5 77.3#

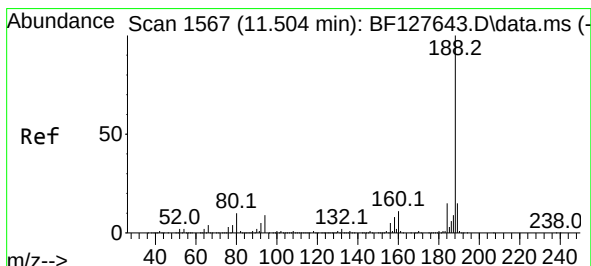
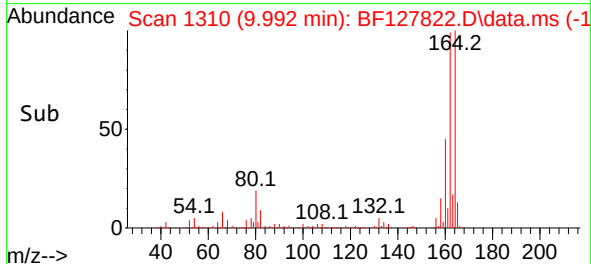
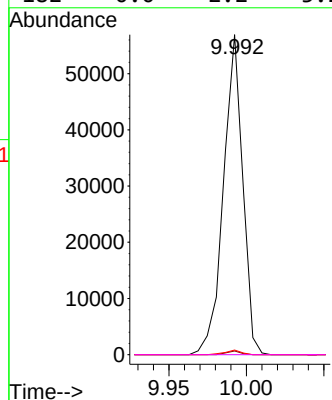
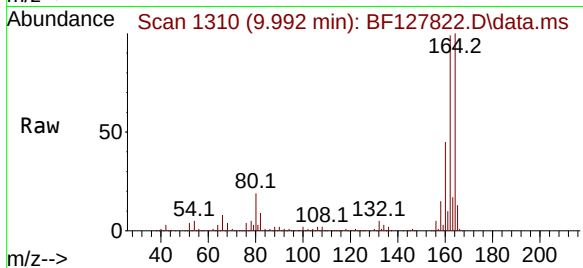




#57
2,4-Dinitrotoluene
Concen: 7.693 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127822.D
Acq: 18 Apr 2022 11:59

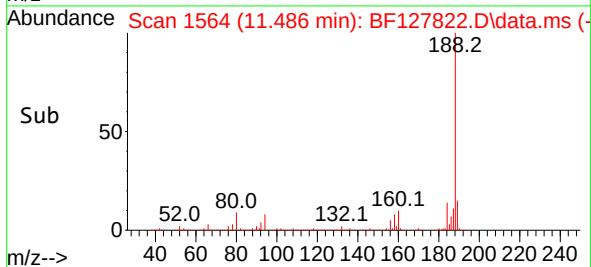
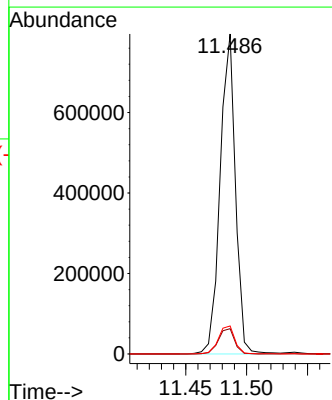
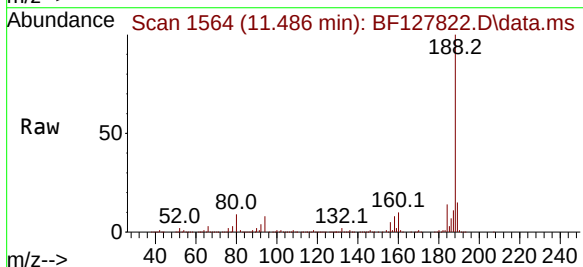
Instrument :
BNA_F
ClientSampleId :
PB144120TB

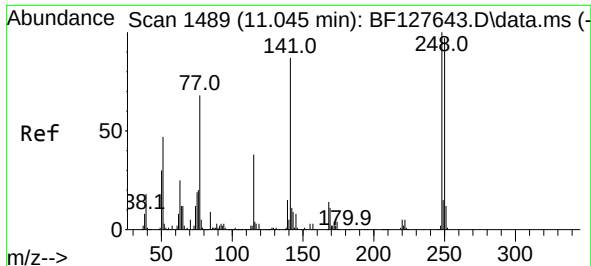
Tgt Ion:165 Resp: 49238
Ion Ratio Lower Upper
165 100
63 1.2 53.1 79.7#
89 1.4 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF127822.D
Acq: 18 Apr 2022 11:59

Tgt Ion:188 Resp: 696693
Ion Ratio Lower Upper
188 100
94 7.9 7.4 11.0
80 8.7 8.0 12.0

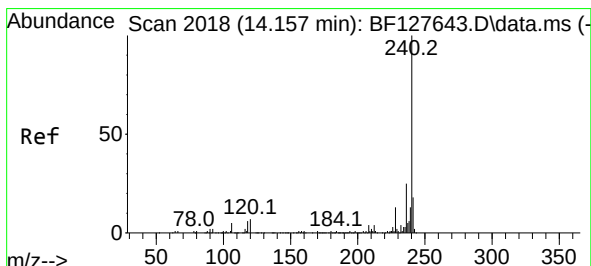
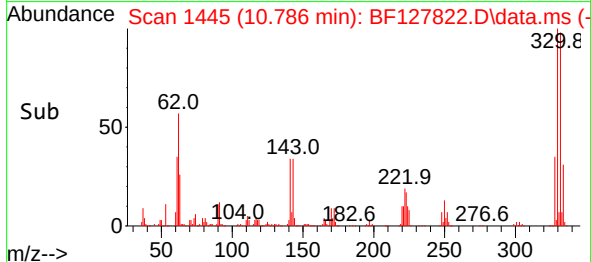
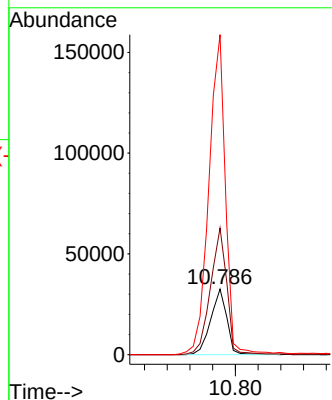
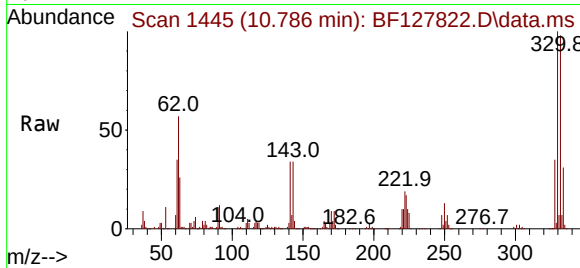




#67
4-Bromophenyl-phenylether
Concen: 3.804 ng
RT: 10.786 min Scan# 1489
Delta R.T. -0.253 min
Lab File: BF127822.D
Acq: 18 Apr 2022 11:59

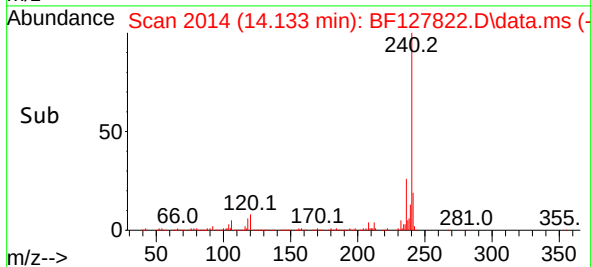
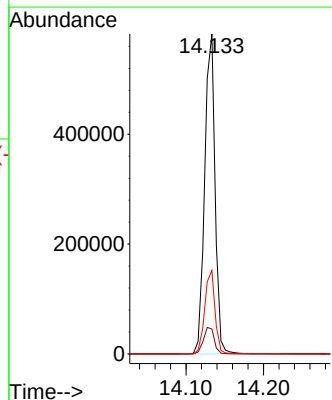
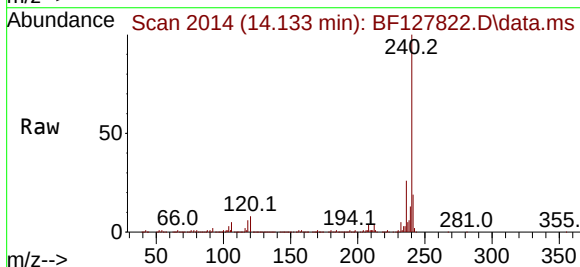
Instrument :
BNA_F
ClientSampleId :
PB144120TB

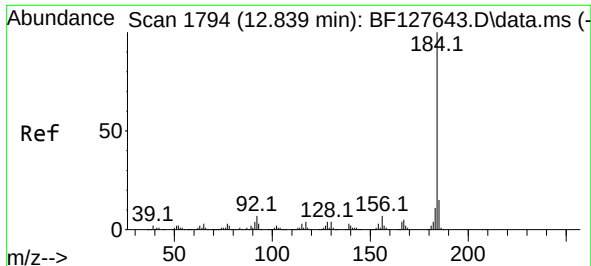
Tgt Ion:248 Resp: 32164
Ion Ratio Lower Upper
248 100
250 193.0 76.6 115.0#
141 487.4 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF127822.D
Acq: 18 Apr 2022 11:59

Tgt Ion:240 Resp: 543041
Ion Ratio Lower Upper
240 100
120 7.8 7.1 10.7
236 26.1 20.7 31.1

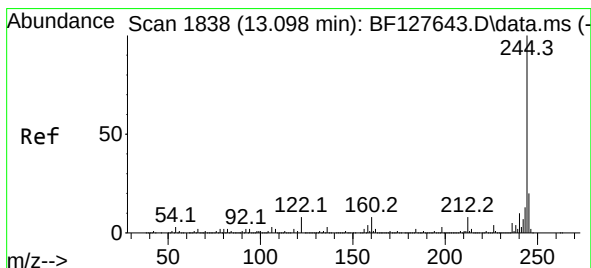
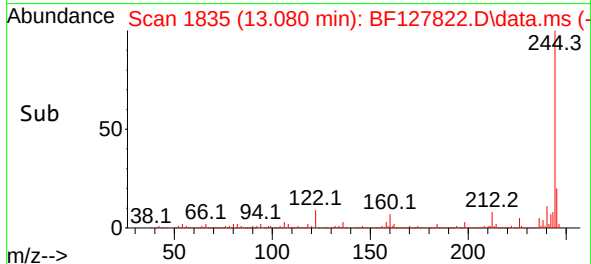
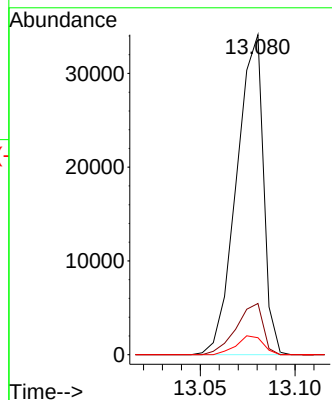
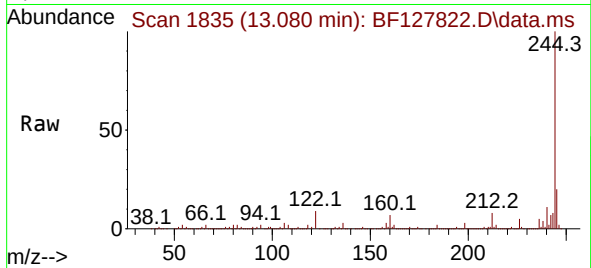




#77
Benzidine
Concen: 2.374 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.253 min
Lab File: BF127822.D
Acq: 18 Apr 2022 11:59

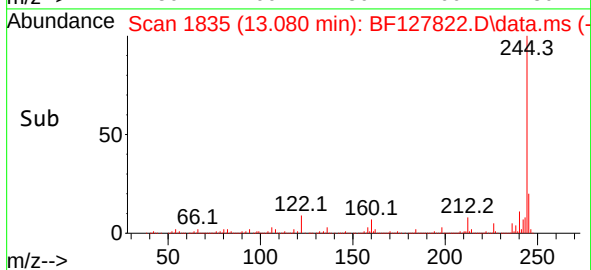
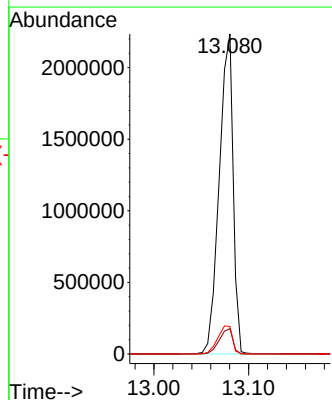
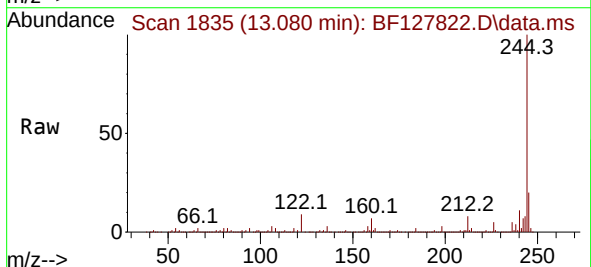
Instrument :
BNA_F
ClientSampleId :
PB144120TB

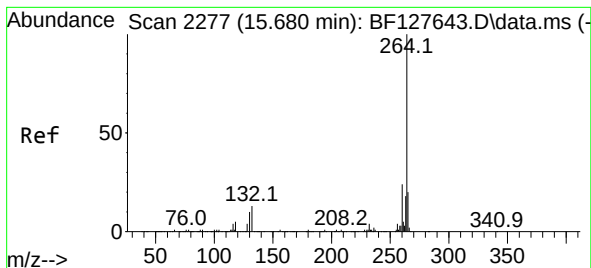
Tgt Ion:184 Resp: 33652
Ion Ratio Lower Upper
184 100
185 16.0 12.2 18.2
183 5.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 69.597 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BF127822.D
Acq: 18 Apr 2022 11:59

Tgt Ion:244 Resp: 2289716
Ion Ratio Lower Upper
244 100
212 7.9 5.7 8.5
122 8.6 6.2 9.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF127822.D

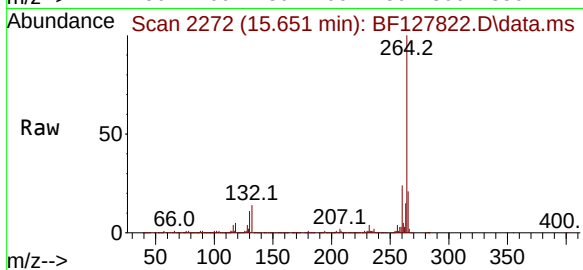
Acq: 18 Apr 2022 11:59

Instrument :

BNA_F

ClientSampleId :

PB144120TB



Tgt Ion:264 Resp: 418204

Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

265 21.3 17.4 26.2

