

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
 Data File : BF127583.D
 Acq On : 30 Mar 2022 12:55
 Operator : CG\JU
 Sample : PB143634TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143634TB

Quant Time: Mar 30 16:32:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

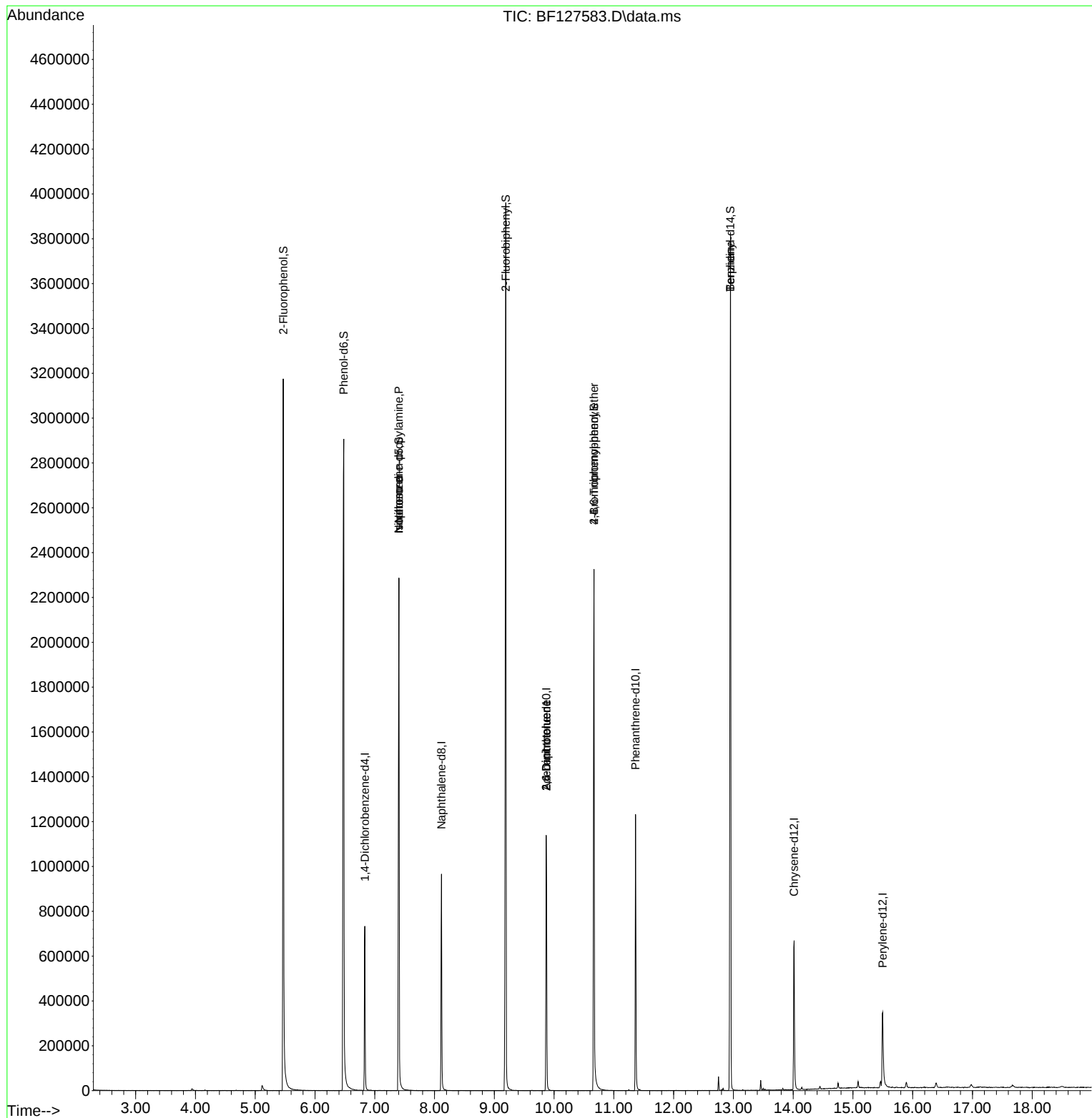
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	107203	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	401240	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	233463	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	420402	20.000	ng	0.00
76) Chrysene-d12	14.015	240	271881	20.000	ng	0.00
86) Perylene-d12	15.498	264	199328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	823272	122.583	ng	0.01
7) Phenol-d6	6.481	99	1130913	123.189	ng	0.00
23) Nitrobenzene-d5	7.404	82	786984	83.841	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	290557	116.831	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1309597	81.911	ng	0.00
79) Terphenyl-d14	12.951	244	1438111	86.590	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1633	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	106158	19.291	ng	# 81
25) Isophorone	7.404	82	786978	52.640	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	29999	8.799	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	29999	6.836	ng	# 14
58) Fluorene	10.669	166	11295	Below Cal	#	91
67) 4-Bromophenyl-phenylether	10.669	248	18823	3.835	ng	# 1
77) Benzidine	12.951	184	17504	2.700	ng	# 91

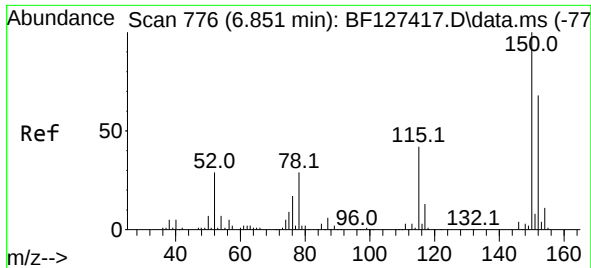
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 30 16:32:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 29 07:13:31 2022
Response via : Initial Calibration

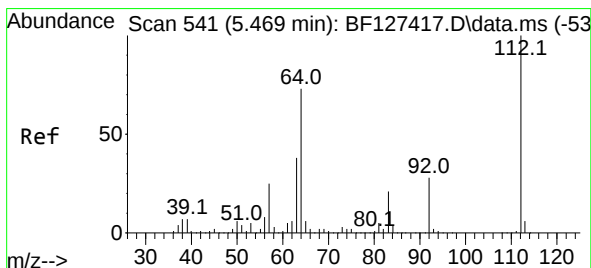
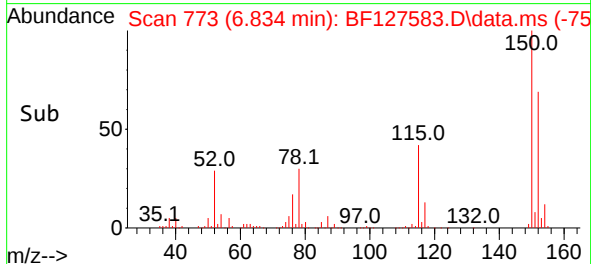
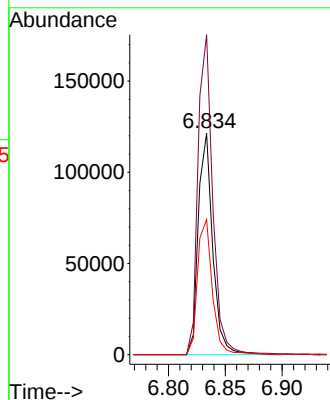
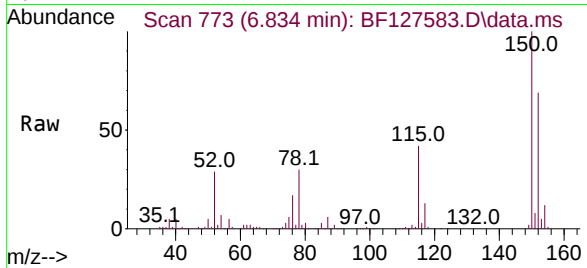




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127583.D
Acq: 30 Mar 2022 12:55

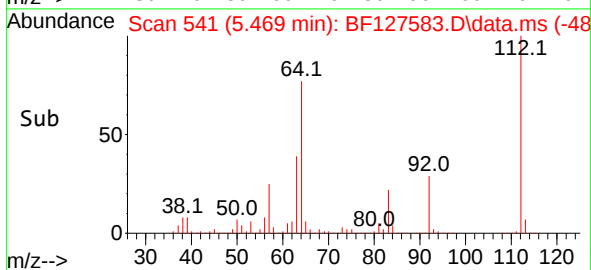
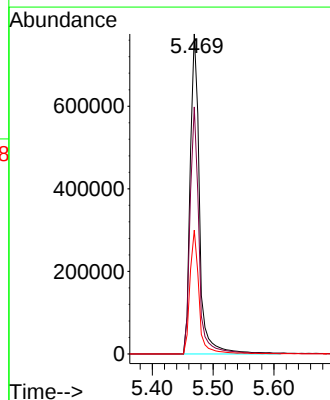
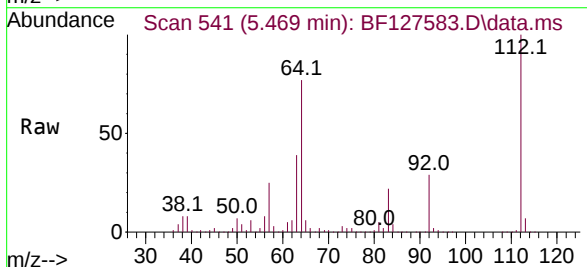
Instrument :
BNA_F
ClientSampleId :
PB143634TB

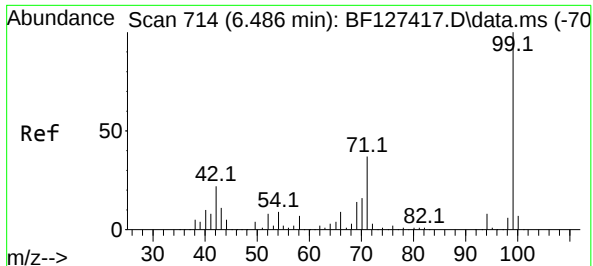
Tgt Ion:152 Resp: 107203
Ion Ratio Lower Upper
152 100
150 144.5 117.2 175.8
115 61.1 49.8 74.6



#5
2-Fluorophenol
Concen: 122.583 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF127583.D
Acq: 30 Mar 2022 12:55

Tgt Ion:112 Resp: 823272
Ion Ratio Lower Upper
112 100
64 77.2 58.4 87.6
63 38.7 30.1 45.1





#7

Phenol-d6

Concen: 123.189 ng

RT: 6.481 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF127583.D

Acq: 30 Mar 2022 12:55

Instrument :

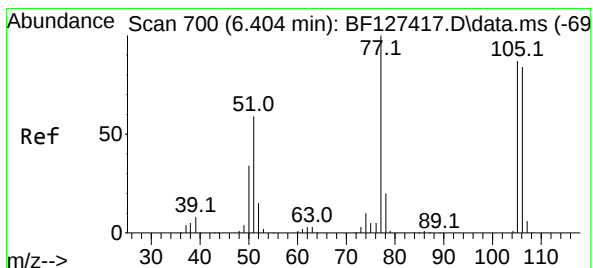
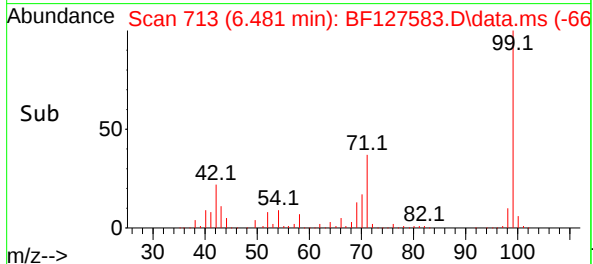
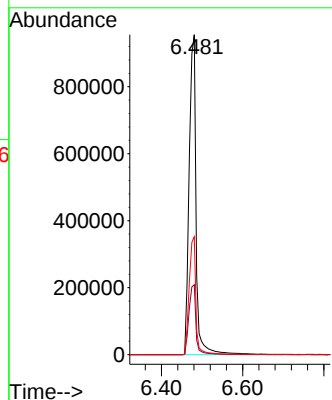
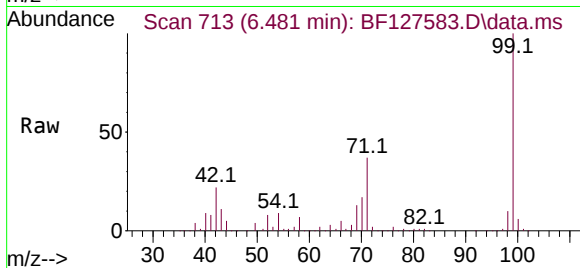
BNA_F

ClientSampleId :

PB143634TB

Tgt Ion: 99 Resp: 1130913

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.8	26.6
71	36.8	29.6	44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.481 min Scan# 713

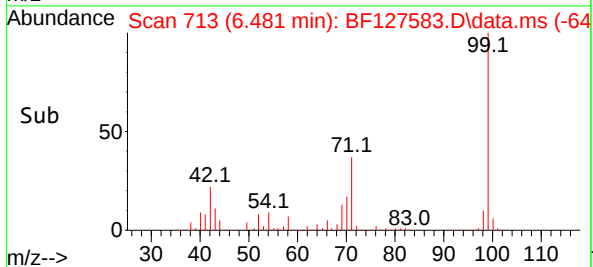
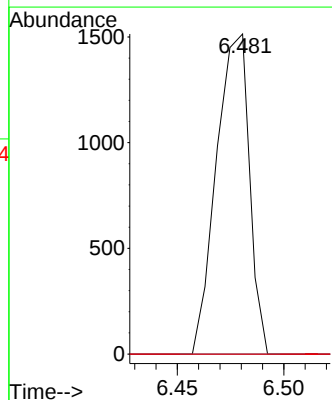
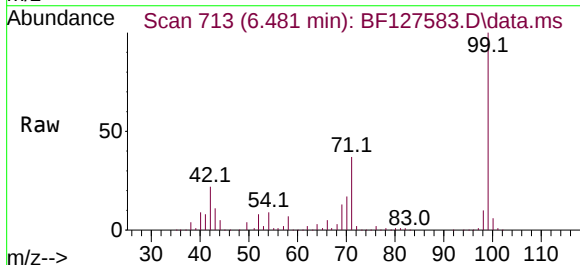
Delta R.T. 0.088 min

Lab File: BF127583.D

Acq: 30 Mar 2022 12:55

Tgt Ion: 77 Resp: 1633

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: 19.291 ng

RT: 7.404 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127583.D

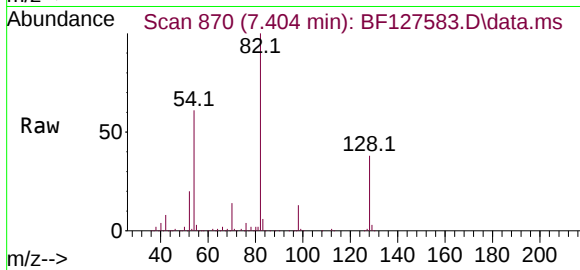
Acq: 30 Mar 2022 12:55

Instrument :

BNA_F

ClientSampleId :

PB143634TB



Tgt Ion: 70 Resp: 106158

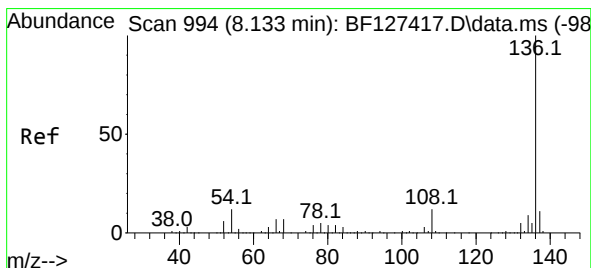
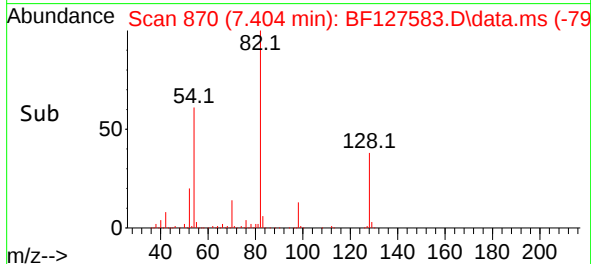
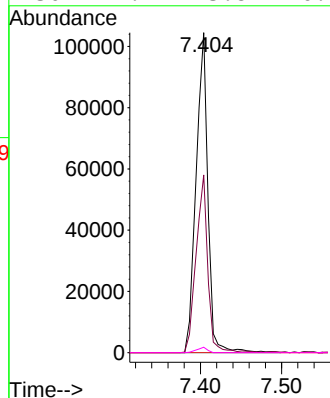
Ion Ratio Lower Upper

70 100

42 55.5 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: 8.116 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF127583.D

Acq: 30 Mar 2022 12:55

Tgt Ion: 136 Resp: 401240

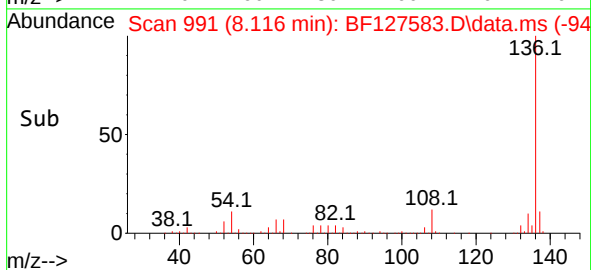
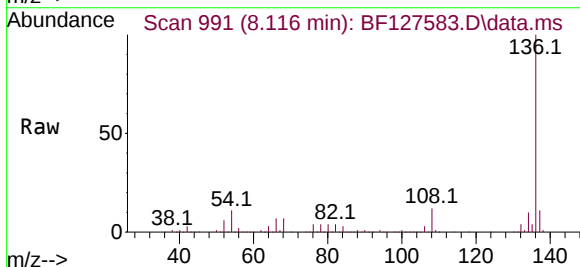
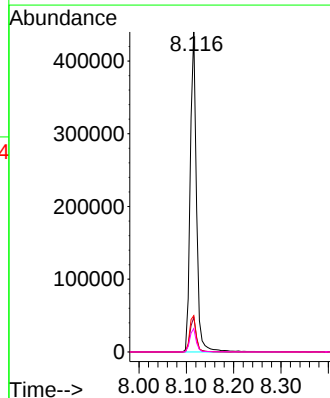
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 11.4 9.2 13.8

68 7.3 5.4 8.0





#23

Nitrobenzene-d5

Concen: 83.841 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127583.D

Acq: 30 Mar 2022 12:55

Instrument :

BNA_F

ClientSampleId :

PB143634TB

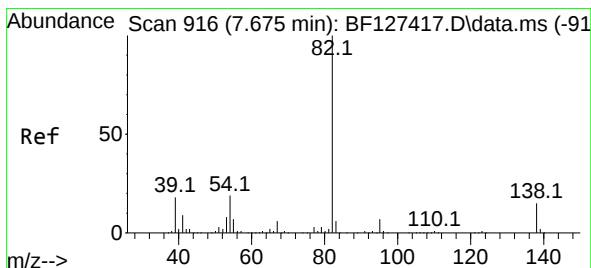
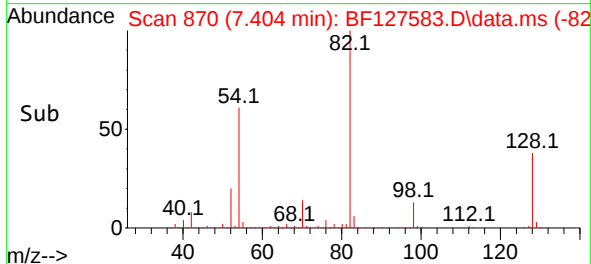
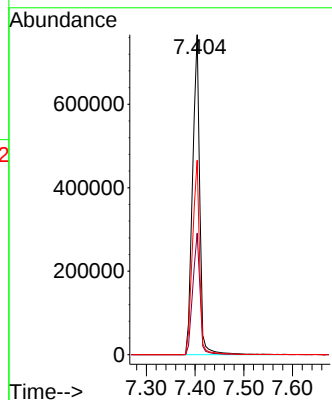
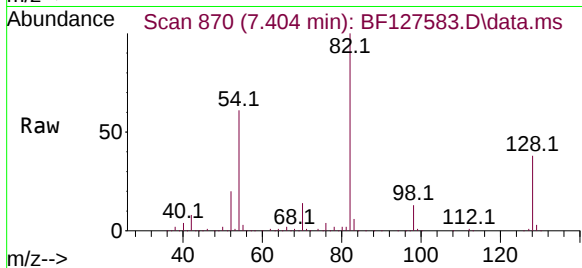
Tgt Ion: 82 Resp: 786984

Ion Ratio Lower Upper

82 100

128 37.9 30.6 45.8

54 60.8 48.2 72.2



#25

Isophorone

Concen: 52.640 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.259 min

Lab File: BF127583.D

Acq: 30 Mar 2022 12:55

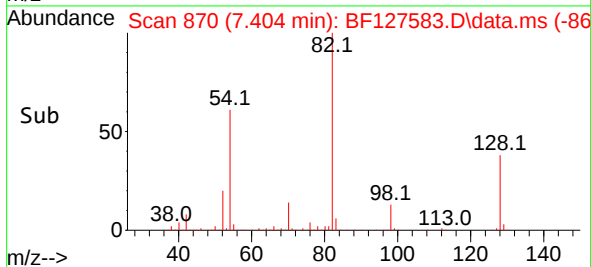
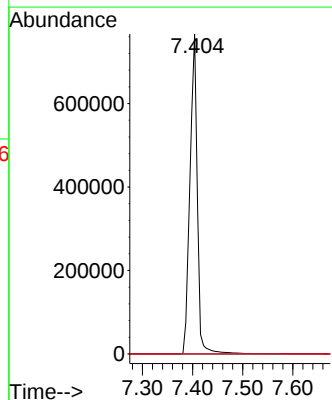
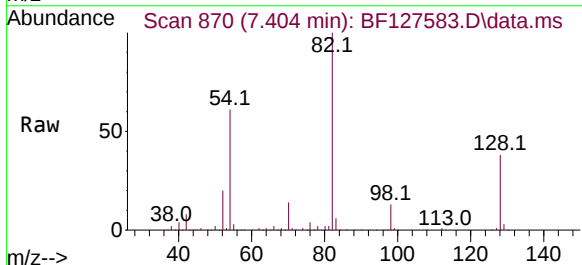
Tgt Ion: 82 Resp: 786978

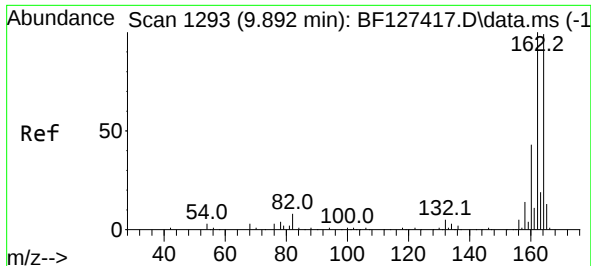
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF127583.D

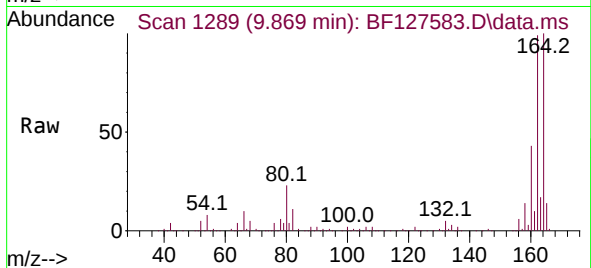
Acq: 30 Mar 2022 12:55

Instrument :

BNA_F

ClientSampleId :

PB143634TB



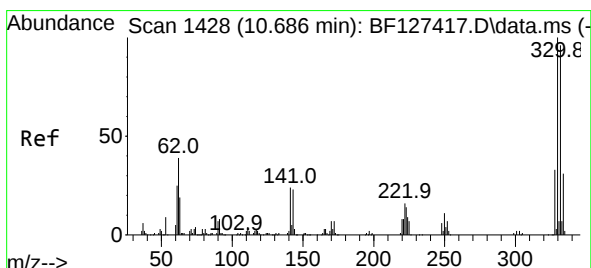
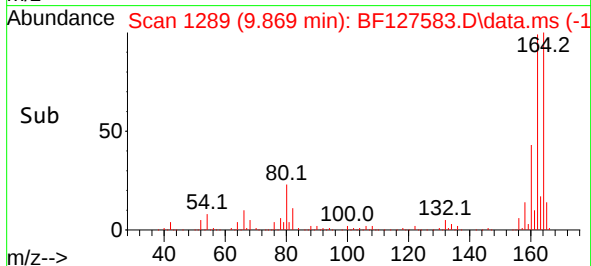
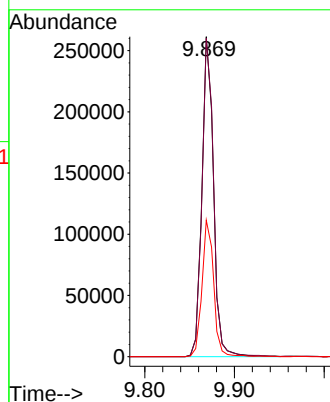
Tgt Ion:164 Resp: 233463

Ion Ratio Lower Upper

164 100

162 99.5 81.2 121.8

160 42.6 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 116.831 ng

RT: 10.669 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BF127583.D

Acq: 30 Mar 2022 12:55

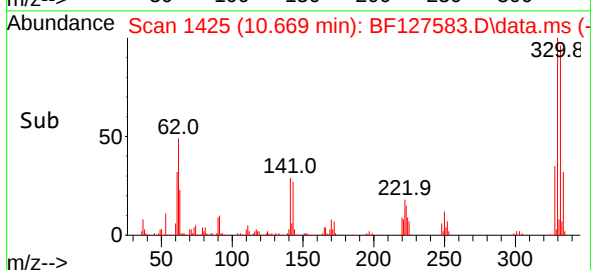
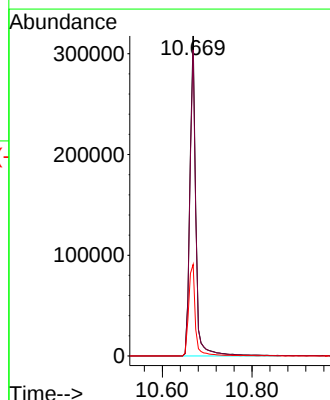
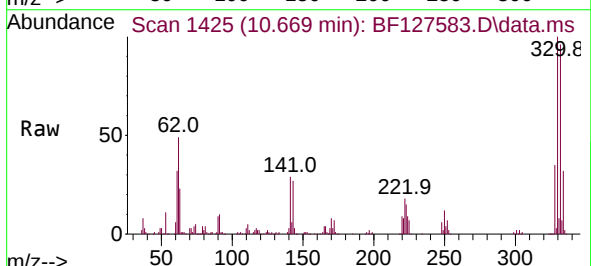
Tgt Ion:330 Resp: 290557

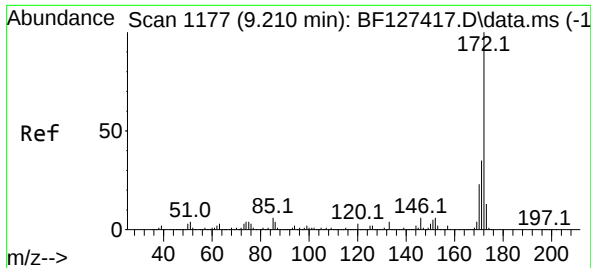
Ion Ratio Lower Upper

330 100

332 95.7 79.1 118.7

141 32.7 26.2 39.4

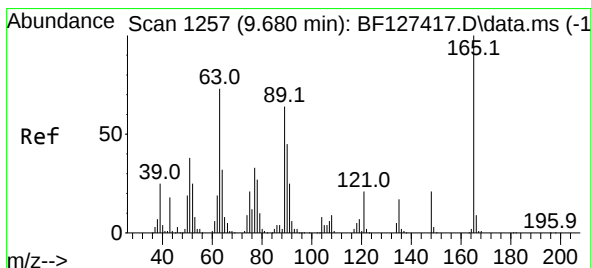
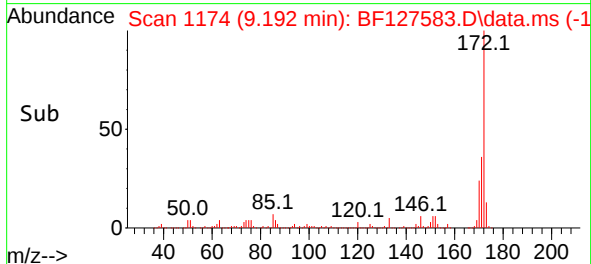
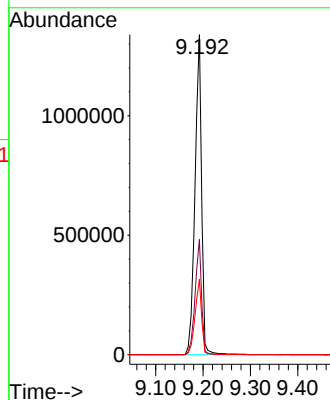
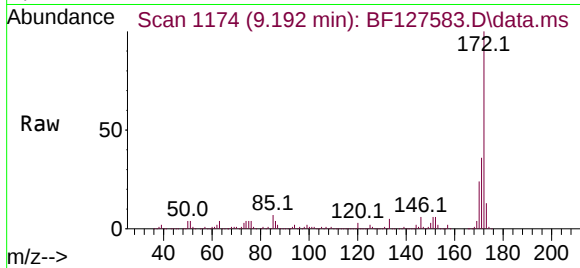




#45
2-Fluorobiphenyl
Concen: 81.911 ng
RT: 9.192 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF127583.D
Acq: 30 Mar 2022 12:55

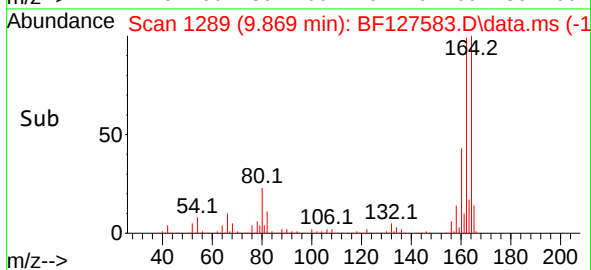
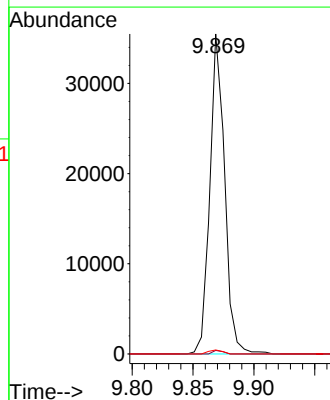
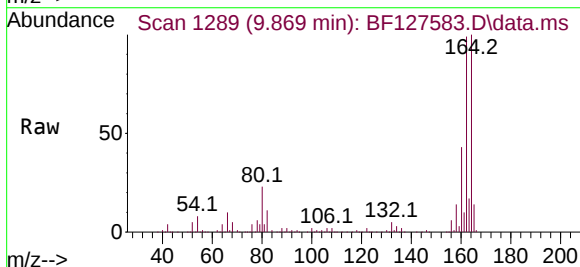
Instrument :
BNA_F
ClientSampleId :
PB143634TB

Tgt Ion:172 Resp: 1309597
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 23.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.799 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF127583.D
Acq: 30 Mar 2022 12:55

Tgt Ion:165 Resp: 29999
Ion Ratio Lower Upper
165 100
63 1.1 58.3 87.5#
89 1.2 51.5 77.3#

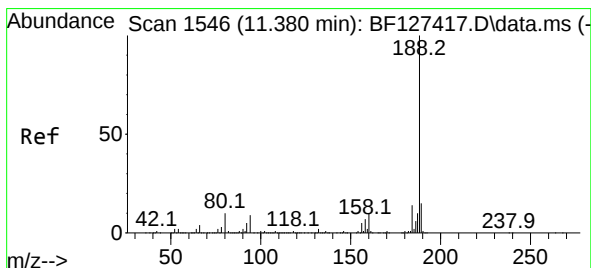
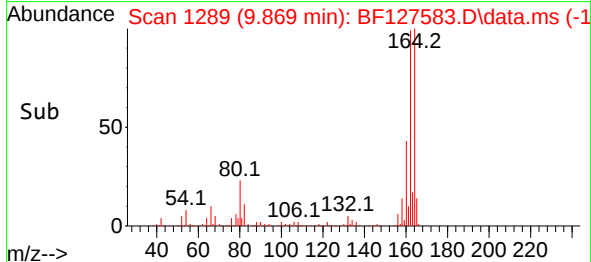
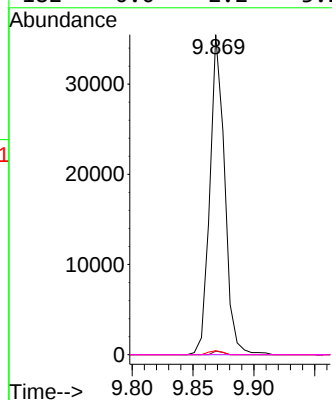
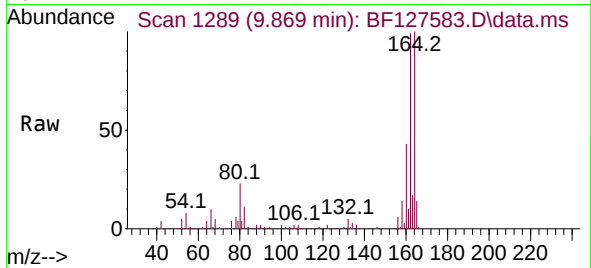




#57
2,4-Dinitrotoluene
Concen: 6.836 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127583.D
Acq: 30 Mar 2022 12:55

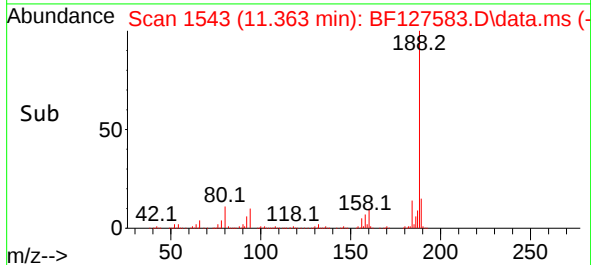
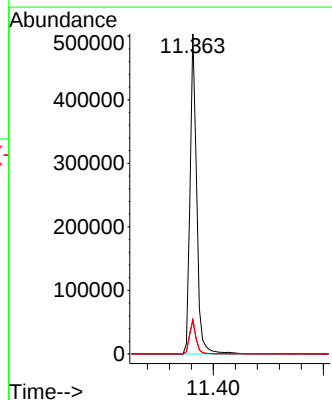
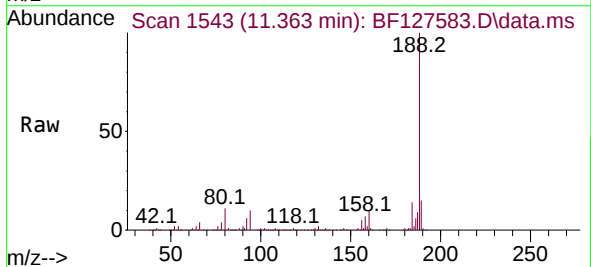
Instrument :
BNA_F
ClientSampleId :
PB143634TB

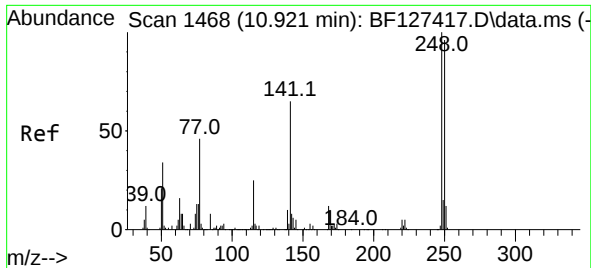
Tgt Ion:165 Resp: 29999
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.2 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127583.D
Acq: 30 Mar 2022 12:55

Tgt Ion:188 Resp: 420402
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.0
80 10.8 8.0 12.0

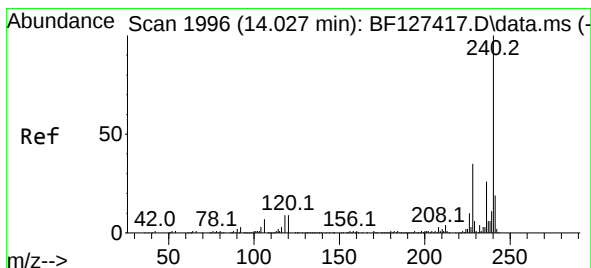
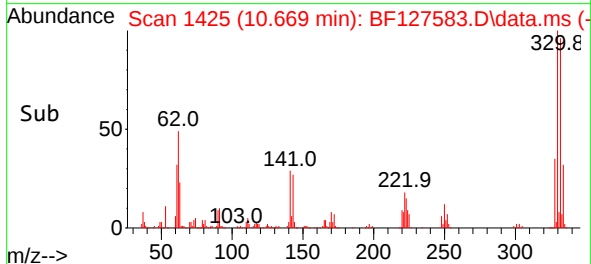
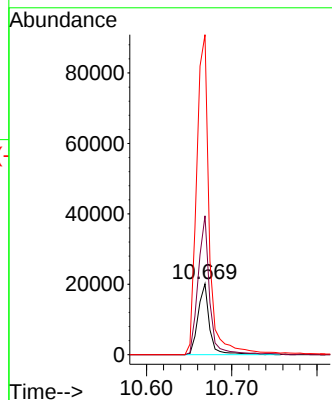
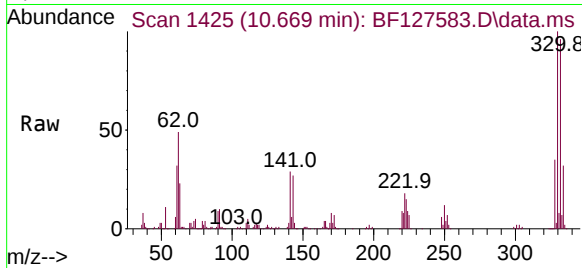




#67
4-Bromophenyl-phenylether
Concen: 3.835 ng
RT: 10.669 min Scan# 1468
Delta R.T. -0.235 min
Lab File: BF127583.D
Acq: 30 Mar 2022 12:55

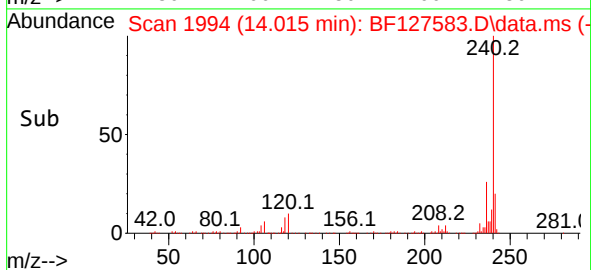
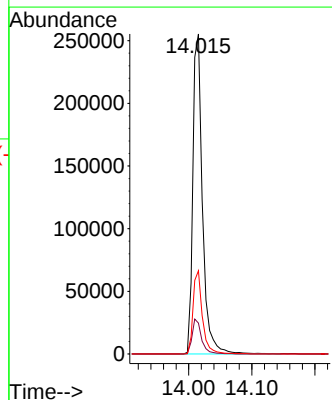
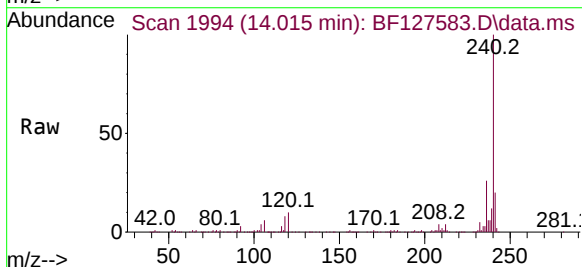
Instrument :
BNA_F
ClientSampleId :
PB143634TB

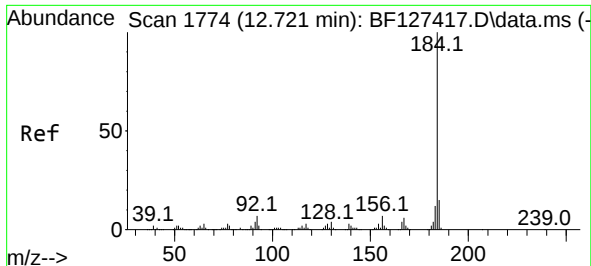
Tgt Ion:248 Resp: 18823
Ion Ratio Lower Upper
248 100
250 196.1 76.6 115.0#
141 451.5 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127583.D
Acq: 30 Mar 2022 12:55

Tgt Ion:240 Resp: 271881
Ion Ratio Lower Upper
240 100
120 9.7 7.1 10.7
236 26.0 20.7 31.1

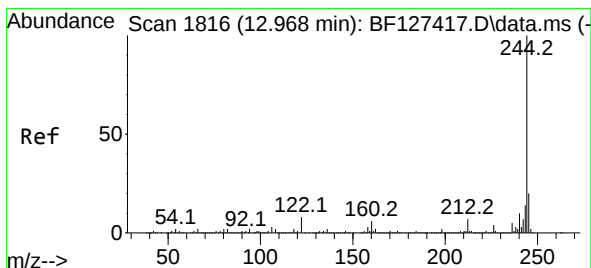
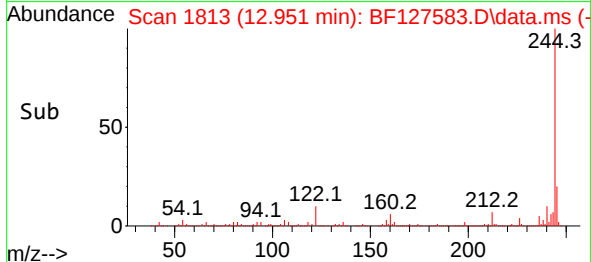
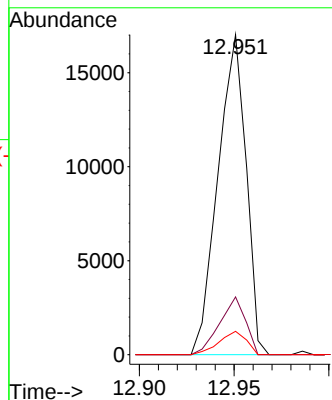
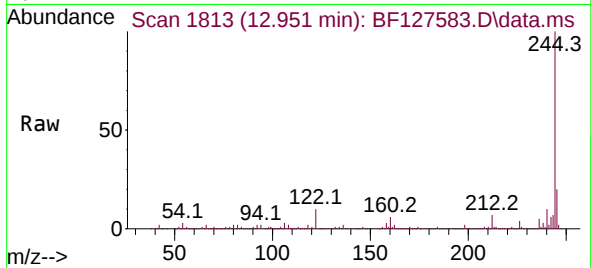




#77
Benzidine
Concen: 2.700 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.241 min
Lab File: BF127583.D
Acq: 30 Mar 2022 12:55

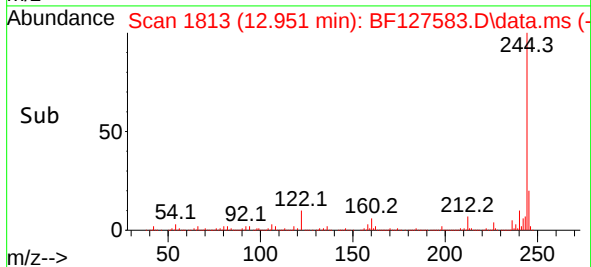
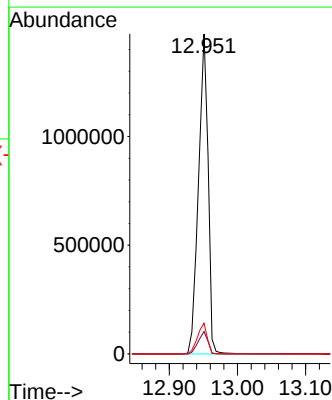
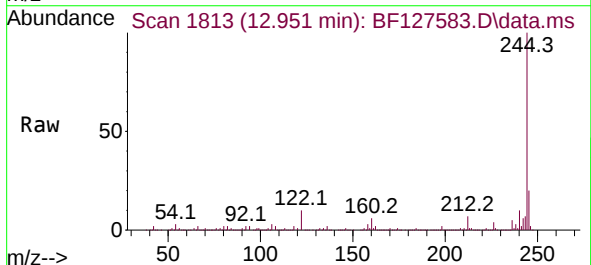
Instrument :
BNA_F
ClientSampleId :
PB143634TB

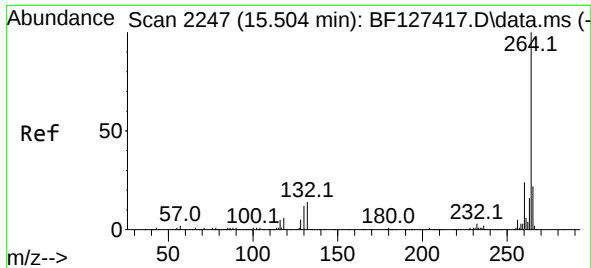
Tgt Ion:184 Resp: 17504
Ion Ratio Lower Upper
184 100
185 18.0 12.2 18.2
183 7.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 86.590 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF127583.D
Acq: 30 Mar 2022 12:55

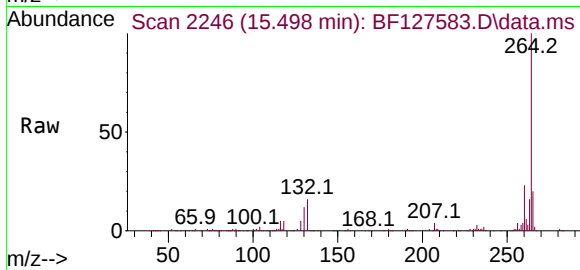
Tgt Ion:244 Resp: 1438111
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 9.6 6.2 9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127583.D
Acq: 30 Mar 2022 12:55

Instrument :
BNA_F
ClientSampleId :
PB143634TB



Tgt Ion:264 Resp: 199328
Ion Ratio Lower Upper
264 100
260 23.2 19.1 28.7
265 19.9 17.4 26.2

