

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
 Data File : BF127608.D
 Acq On : 01 Apr 2022 13:06
 Operator : CG\JU
 Sample : PB143792BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143792BL

Quant Time: Apr 01 16:13:17 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)

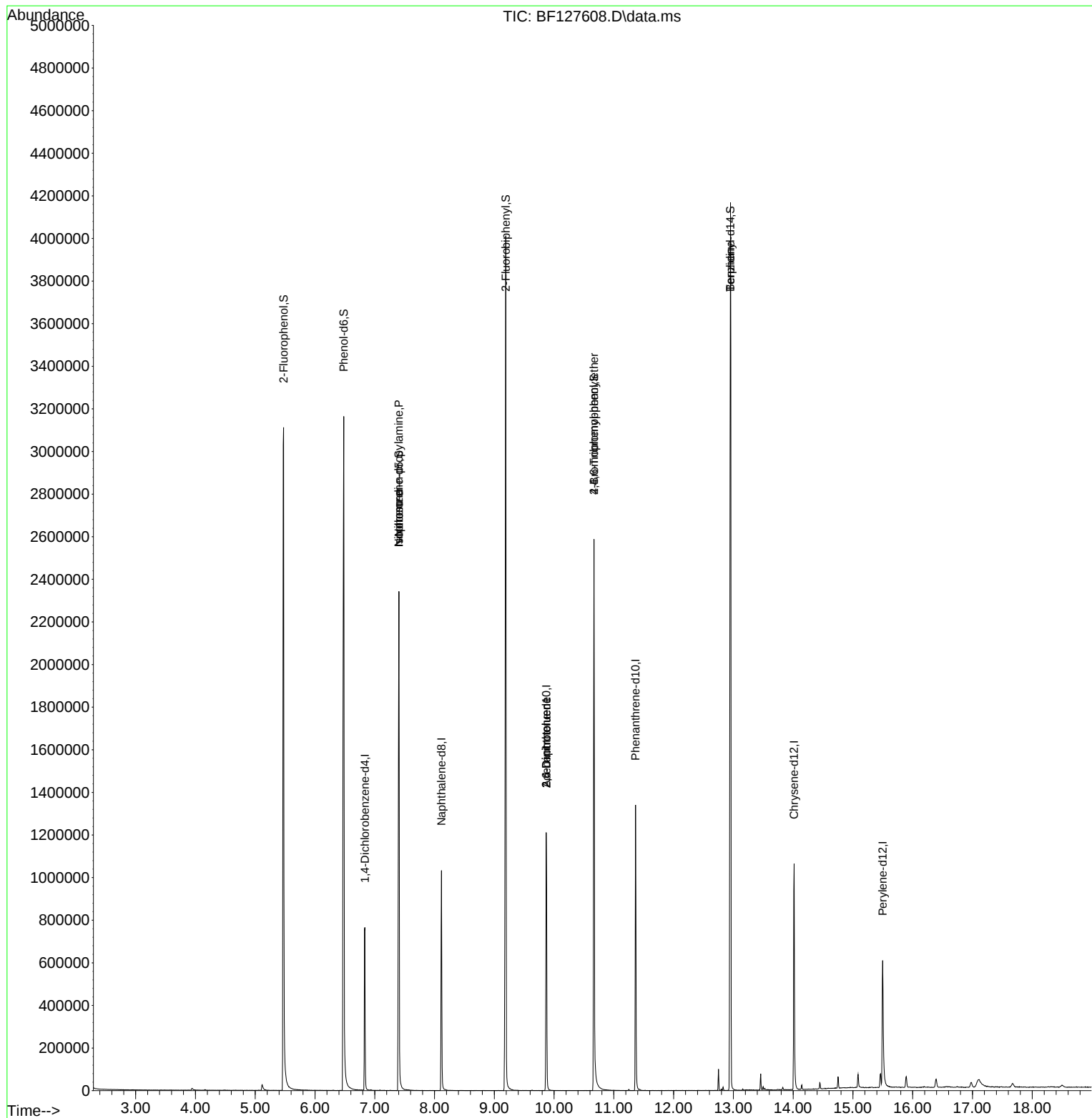
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	116634	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	441809	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	258396	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	482281	20.000	ng	# 0.00
76) Chrysene-d12	14.016	240	407203	20.000	ng	0.00
86) Perylene-d12	15.498	264	325444	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	895432	122.546	ng	0.02
7) Phenol-d6	6.481	99	1228915	123.040	ng	0.00
23) Nitrobenzene-d5	7.404	82	855376	82.759	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	332244	120.703	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1423354	80.436	ng	0.00
79) Terphenyl-d14	12.951	244	1760446	70.773	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	1710	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	117574	19.638	ng	# 78
25) Isophorone	7.404	82	855369	51.961	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	32557	8.628	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	32557	6.703	ng	# 14
58) Fluorene	10.669	166	12650	Below Cal	#	78
67) 4-Bromophenyl-phenylether	10.669	248	21420	3.804	ng	# 1
77) Benzidine	12.951	184	21521	2.217	ng	# 92

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

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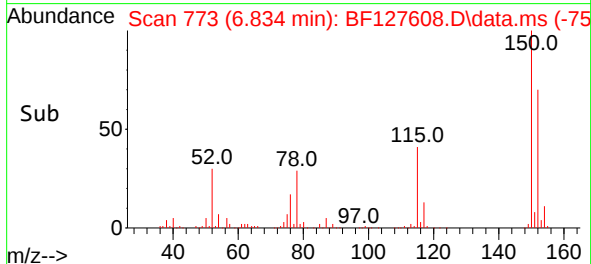
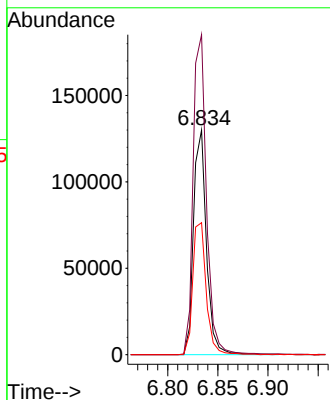
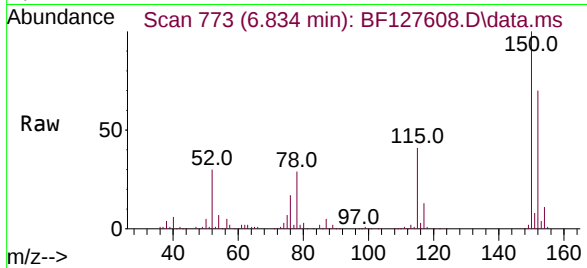




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127608.D
Acq: 01 Apr 2022 13:06

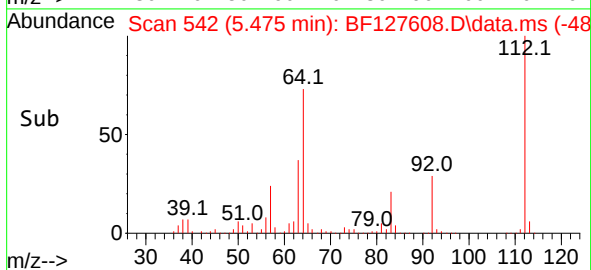
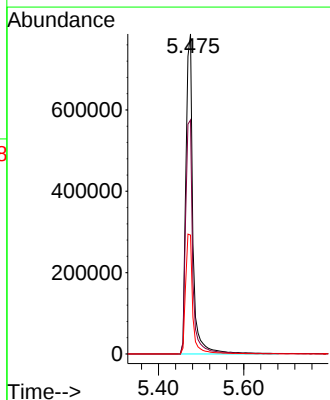
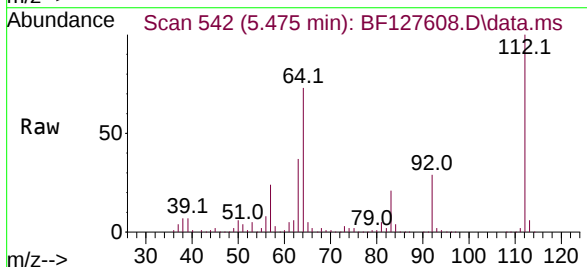
Instrument :
BNA_F
ClientSampleId :
PB143792BL

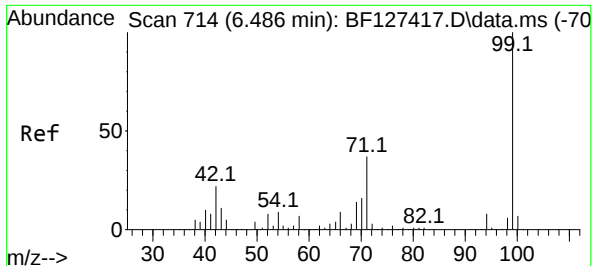
Tgt Ion:152 Resp: 116634
Ion Ratio Lower Upper
152 100
150 142.4 117.2 175.8
115 58.8 49.8 74.6



#5
2-Fluorophenol
Concen: 122.546 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.018 min
Lab File: BF127608.D
Acq: 01 Apr 2022 13:06

Tgt Ion:112 Resp: 895432
Ion Ratio Lower Upper
112 100
64 73.1 58.4 87.6
63 37.2 30.1 45.1





#7

Phenol-d6

Concen: 123.040 ng

RT: 6.481 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF127608.D

Acq: 01 Apr 2022 13:06

Instrument :

BNA_F

ClientSampleId :

PB143792BL

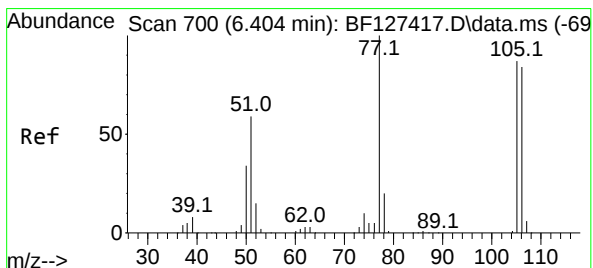
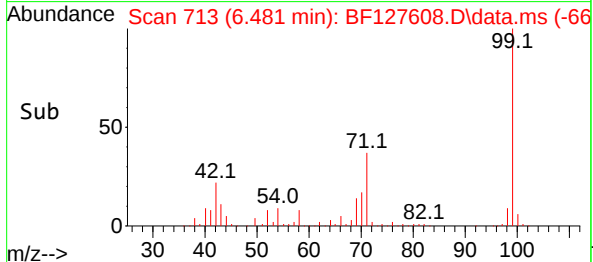
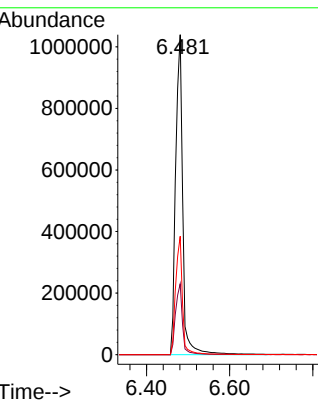
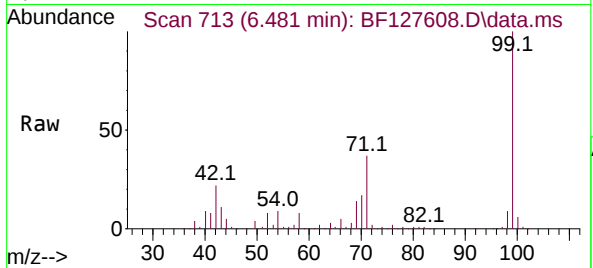
Tgt Ion: 99 Resp: 1228915

Ion Ratio Lower Upper

99 100

42 22.2 17.8 26.6

71 37.0 29.6 44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.481 min Scan# 713

Delta R.T. 0.088 min

Lab File: BF127608.D

Acq: 01 Apr 2022 13:06

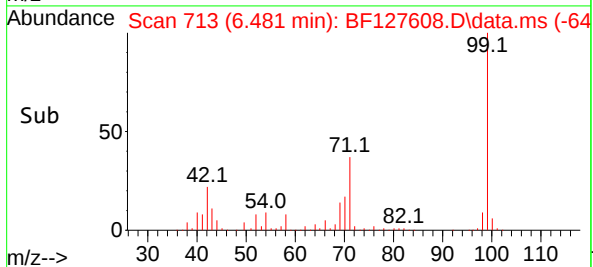
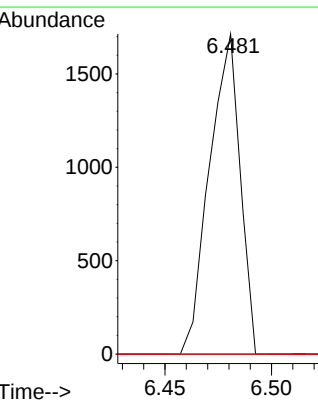
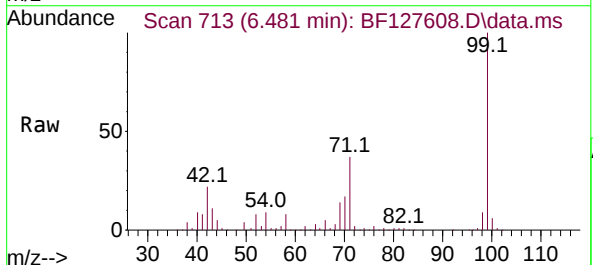
Tgt Ion: 77 Resp: 1710

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: 19.638 ng

RT: 7.404 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127608.D

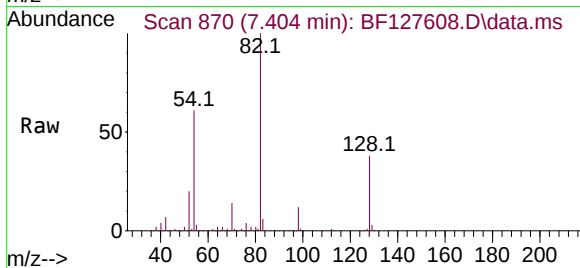
Acq: 01 Apr 2022 13:06

Instrument :

BNA_F

ClientSampleId :

PB143792BL



Tgt Ion: 70 Resp: 117574

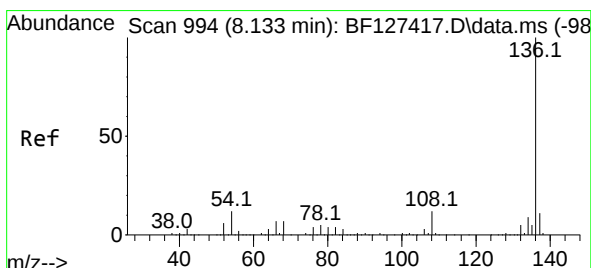
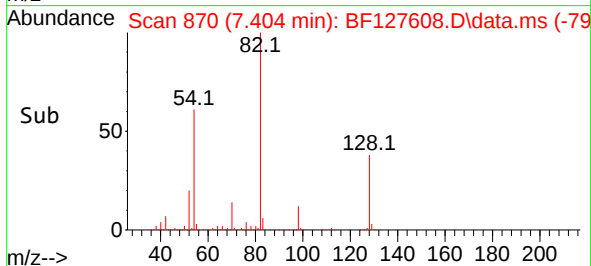
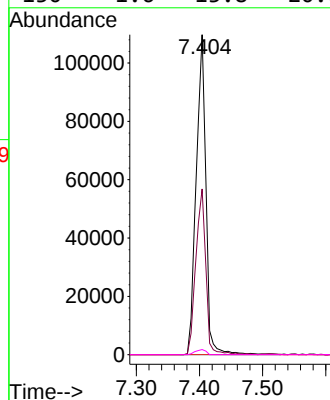
Ion Ratio Lower Upper

70 100

42 51.8 53.0 79.6#

101 0.0 6.8 10.2#

130 1.6 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: BF127608.D

Acq: 01 Apr 2022 13:06

Tgt Ion: 136 Resp: 441809

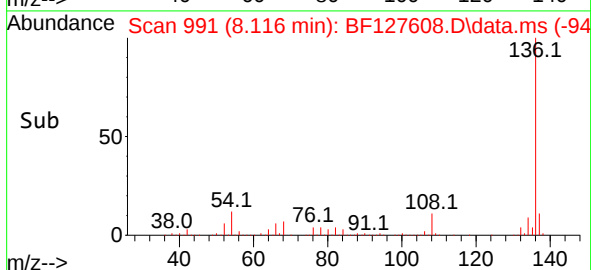
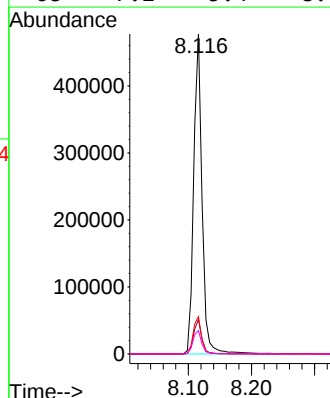
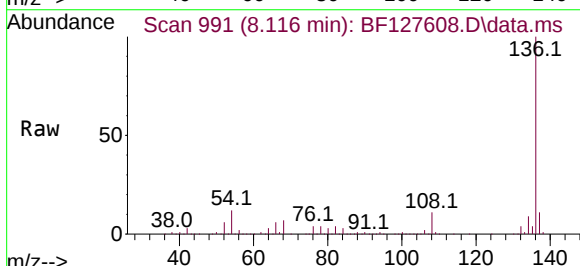
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 11.7 9.2 13.8

68 7.2 5.4 8.0





#23

Nitrobenzene-d5

Concen: 82.759 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127608.D

Acq: 01 Apr 2022 13:06

Instrument :

BNA_F

ClientSampleId :

PB143792BL

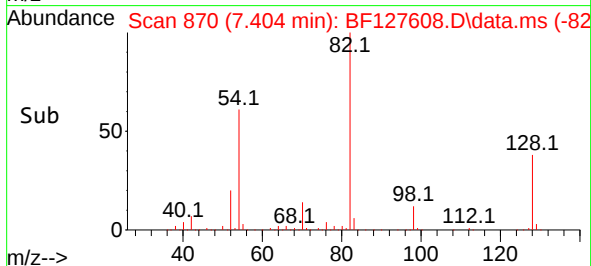
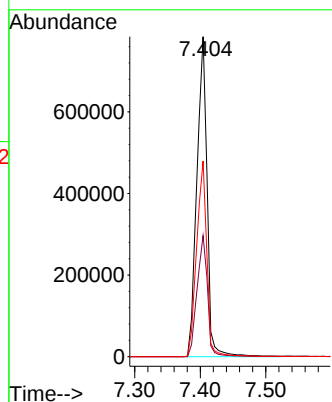
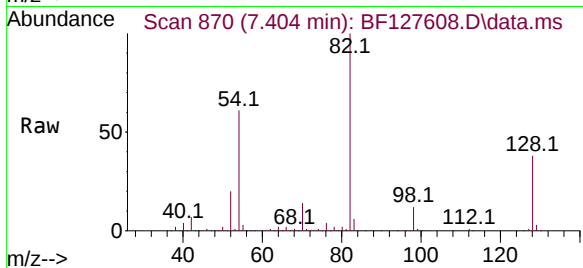
Tgt Ion: 82 Resp: 855376

Ion Ratio Lower Upper

82 100

128 37.9 30.6 45.8

54 61.2 48.2 72.2



#25

Isophorone

Concen: 51.961 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.259 min

Lab File: BF127608.D

Acq: 01 Apr 2022 13:06

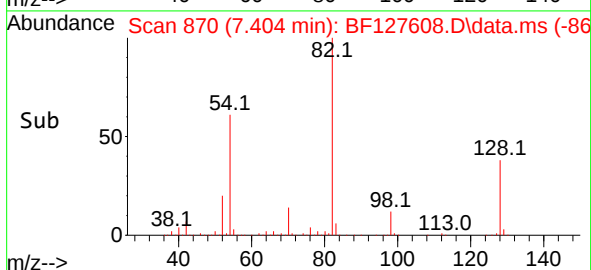
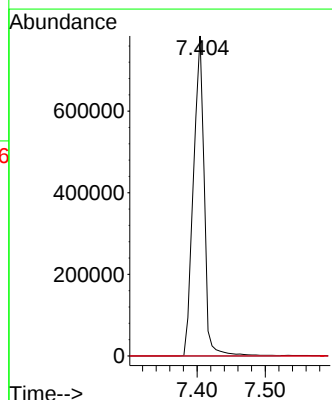
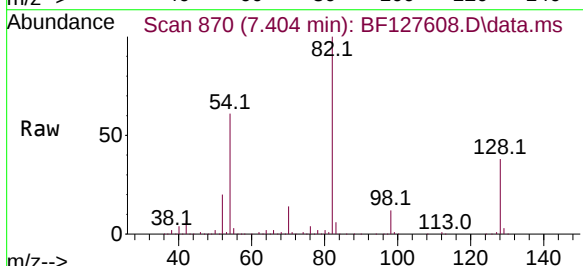
Tgt Ion: 82 Resp: 855369

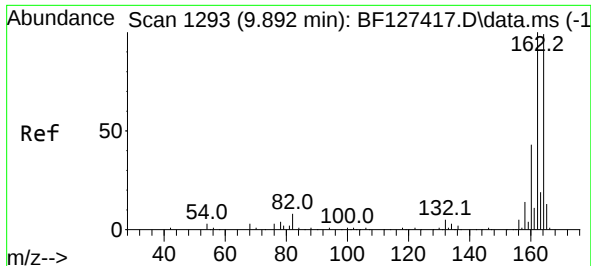
Ion Ratio Lower Upper

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: BF127608.D

Acq: 01 Apr 2022 13:06

Instrument :

BNA_F

ClientSampleId :

PB143792BL

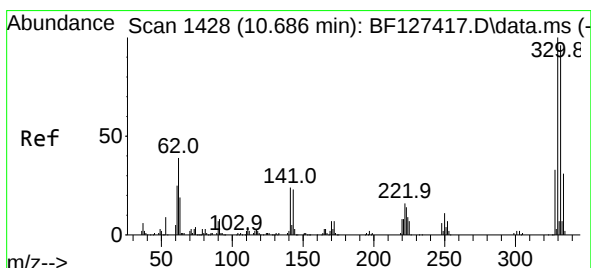
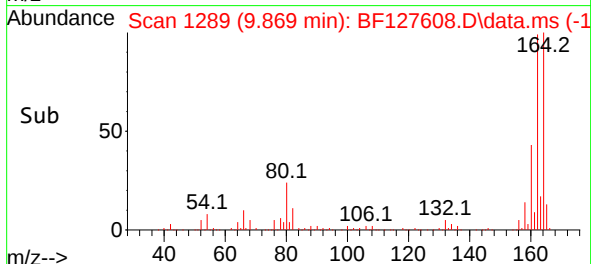
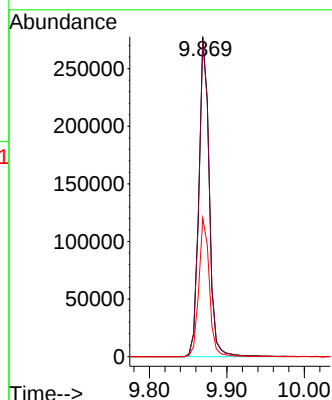
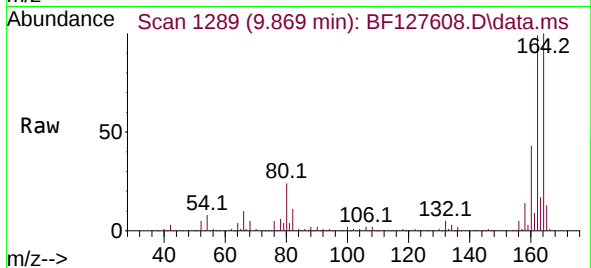
Tgt Ion:164 Resp: 258396

Ion Ratio Lower Upper

164 100

162 98.6 81.2 121.8

160 43.2 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 120.703 ng

RT: 10.669 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BF127608.D

Acq: 01 Apr 2022 13:06

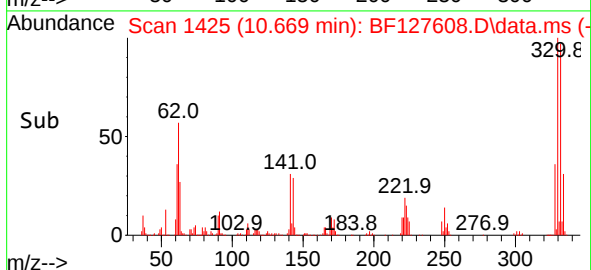
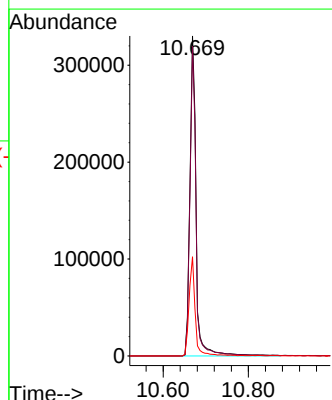
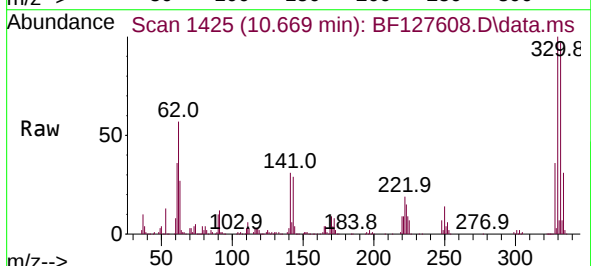
Tgt Ion:330 Resp: 332244

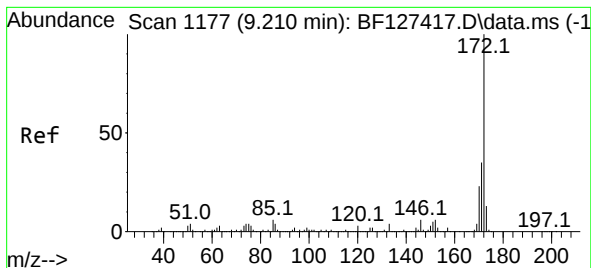
Ion Ratio Lower Upper

330 100

332 95.4 79.1 118.7

141 31.0 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 80.436 ng

RT: 9.192 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF127608.D

Acq: 01 Apr 2022 13:06

Instrument :

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ClientSampleId :

PB143792BL

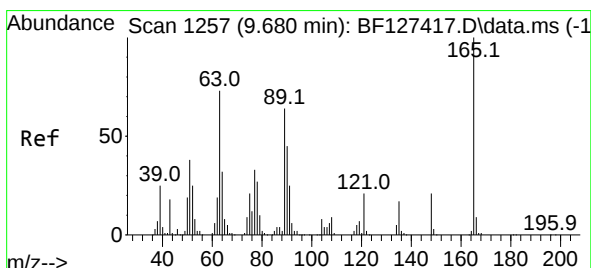
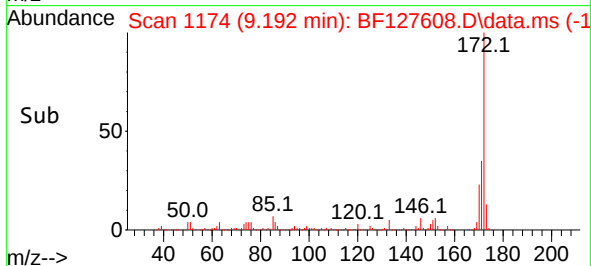
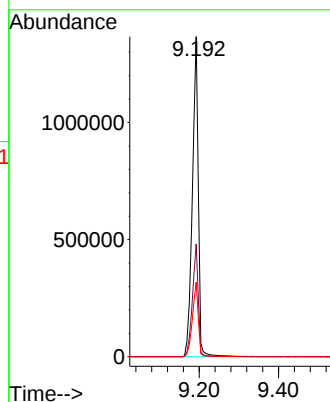
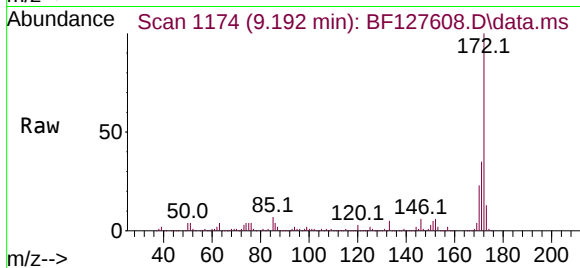
Tgt Ion:172 Resp: 1423354

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.3 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 8.628 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF127608.D

Acq: 01 Apr 2022 13:06

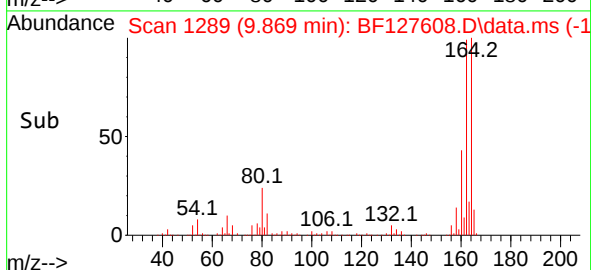
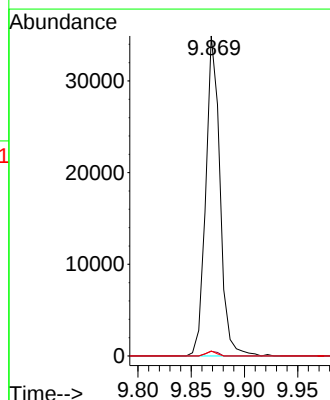
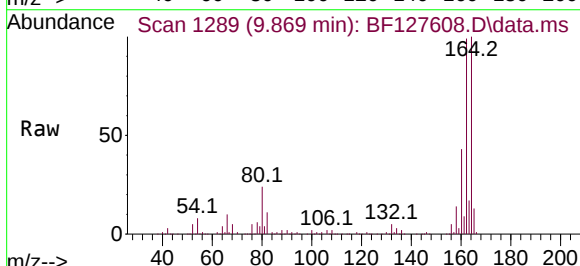
Tgt Ion:165 Resp: 32557

Ion Ratio Lower Upper

165 100

63 1.4 58.3 87.5#

89 1.5 51.5 77.3#

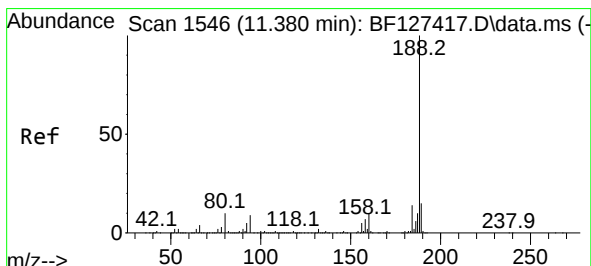
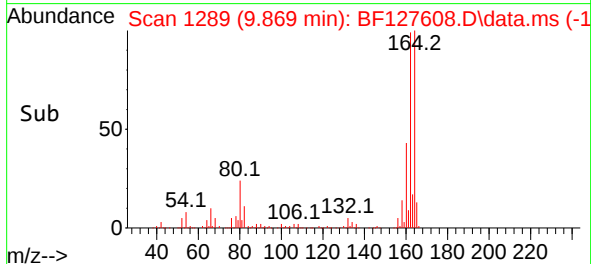
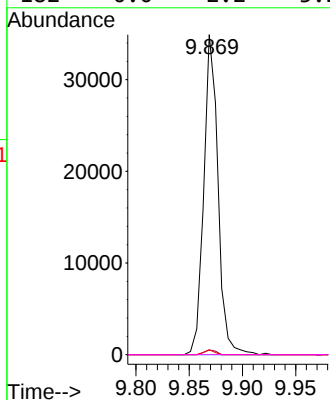
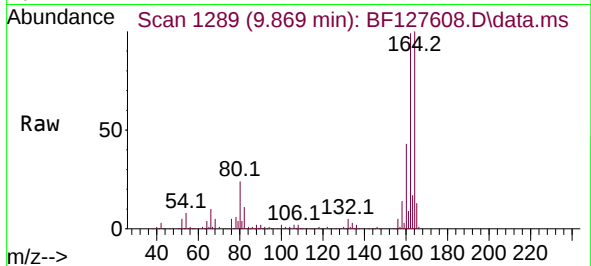




#57
2,4-Dinitrotoluene
Concen: 6.703 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127608.D
Acq: 01 Apr 2022 13:06

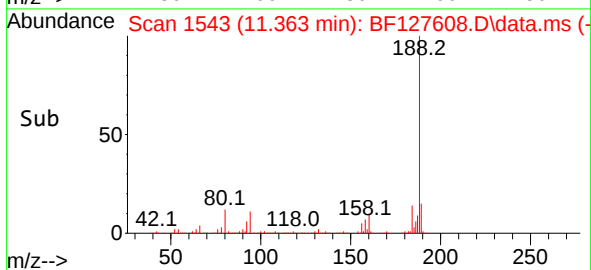
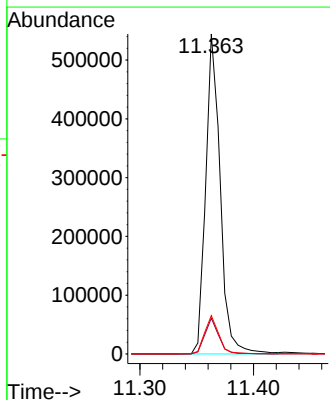
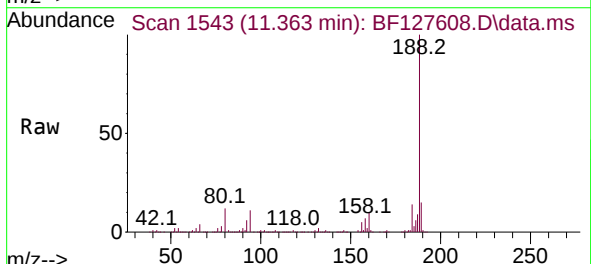
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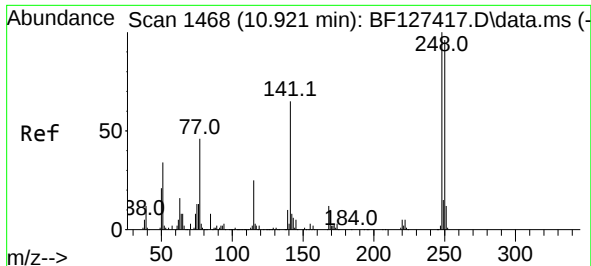
Tgt Ion:165 Resp: 32557
Ion Ratio Lower Upper
165 100
63 1.4 53.1 79.7#
89 1.5 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127608.D
Acq: 01 Apr 2022 13:06

Tgt Ion:188 Resp: 482281
Ion Ratio Lower Upper
188 100
94 11.2 7.4 11.0#
80 12.0 8.0 12.0

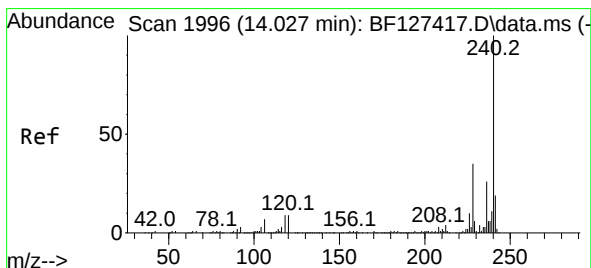
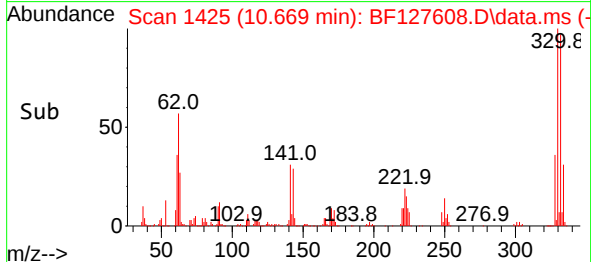
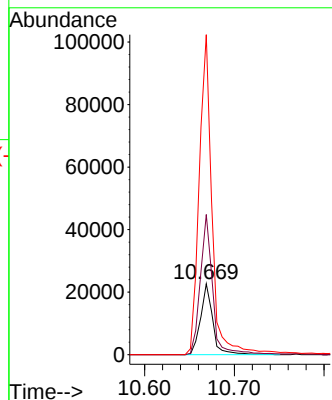
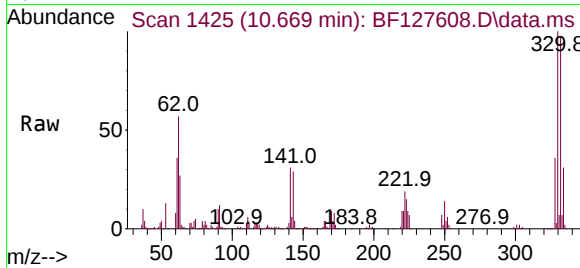




#67
4-Bromophenyl-phenylether
Concen: 3.804 ng
RT: 10.669 min Scan# 1468
Delta R.T. -0.235 min
Lab File: BF127608.D
Acq: 01 Apr 2022 13:06

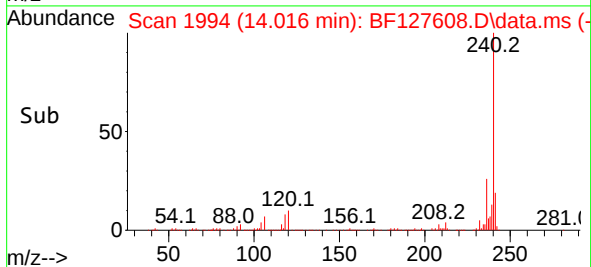
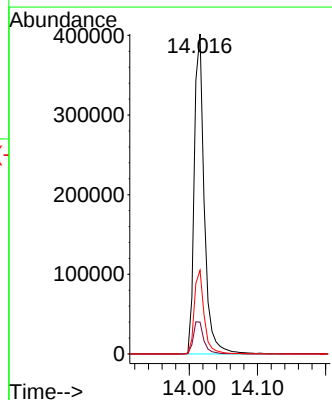
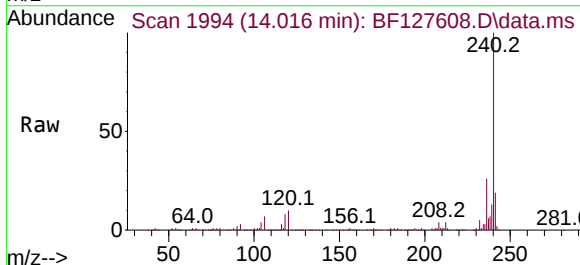
Instrument :
BNA_F
ClientSampleId :
PB143792BL

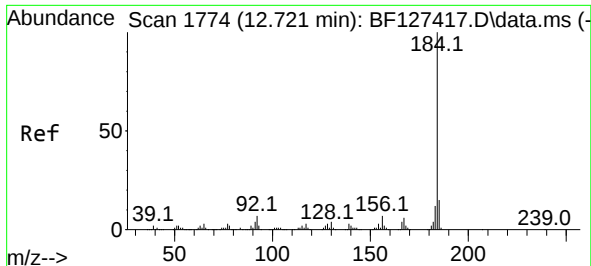
Tgt Ion:248 Resp: 21420
Ion Ratio Lower Upper
248 100
250 197.6 76.6 115.0#
141 451.3 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127608.D
Acq: 01 Apr 2022 13:06

Tgt Ion:240 Resp: 407203
Ion Ratio Lower Upper
240 100
120 10.0 7.1 10.7
236 26.2 20.7 31.1

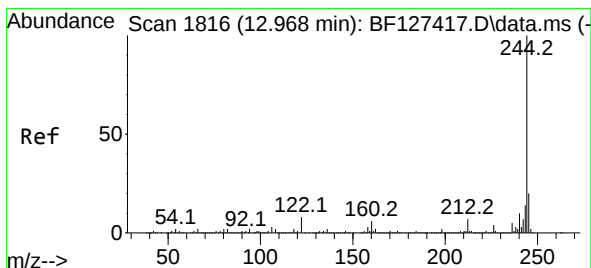
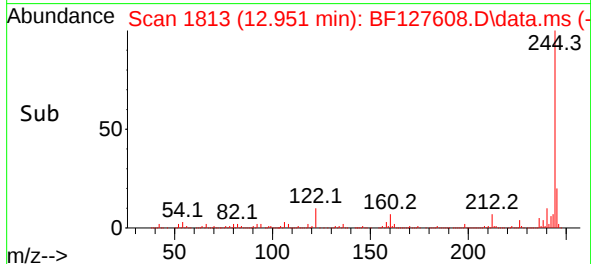
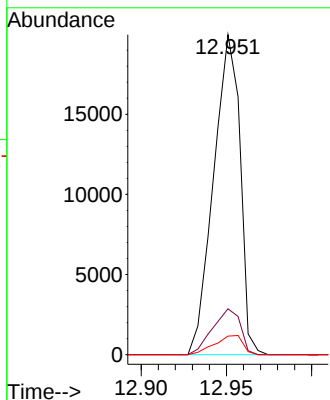
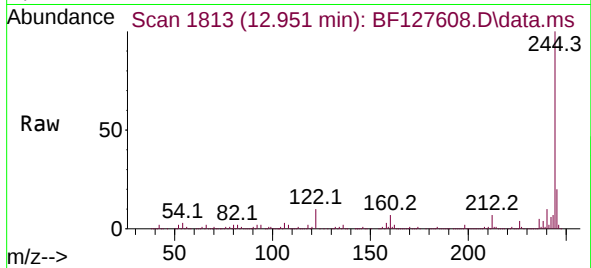




#77
Benzidine
Concen: 2.217 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.241 min
Lab File: BF127608.D
Acq: 01 Apr 2022 13:06

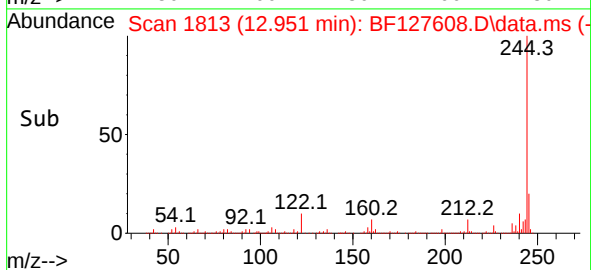
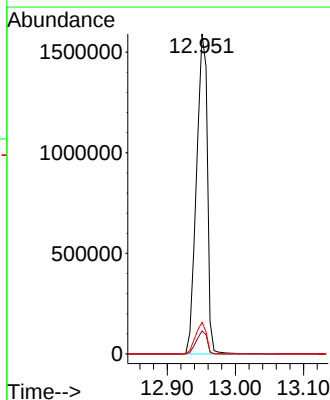
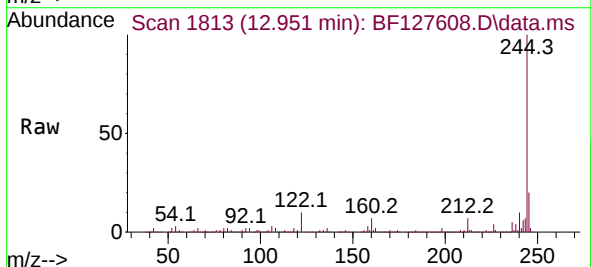
Instrument :
BNA_F
ClientSampleId :
PB143792BL

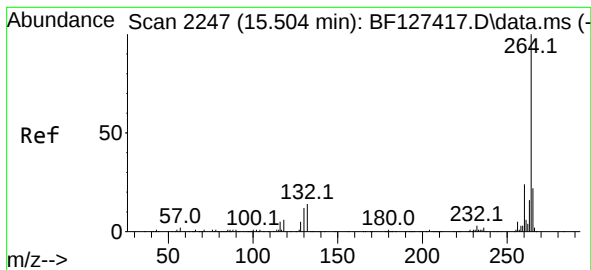
Tgt Ion:184 Resp: 21521
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.2
183 5.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 70.773 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF127608.D
Acq: 01 Apr 2022 13:06

Tgt Ion:244 Resp: 1760446
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.9 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: BF127608.D

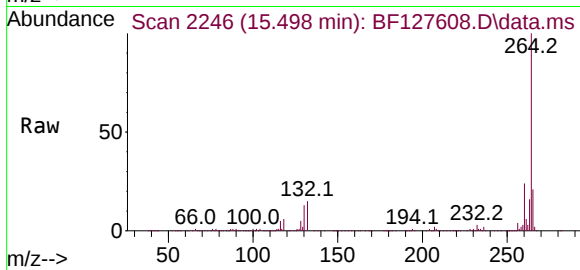
Acq: 01 Apr 2022 13:06

Instrument :

BNA_F

ClientSampleId :

PB143792BL



Tgt Ion:264 Resp: 325444

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.1 17.4 26.2

