

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040422\
 Data File : BF127631.D
 Acq On : 04 Apr 2022 11:48
 Operator : CG\JU
 Sample : PB143792BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143792BL

Quant Time: Apr 04 16:25:37 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)

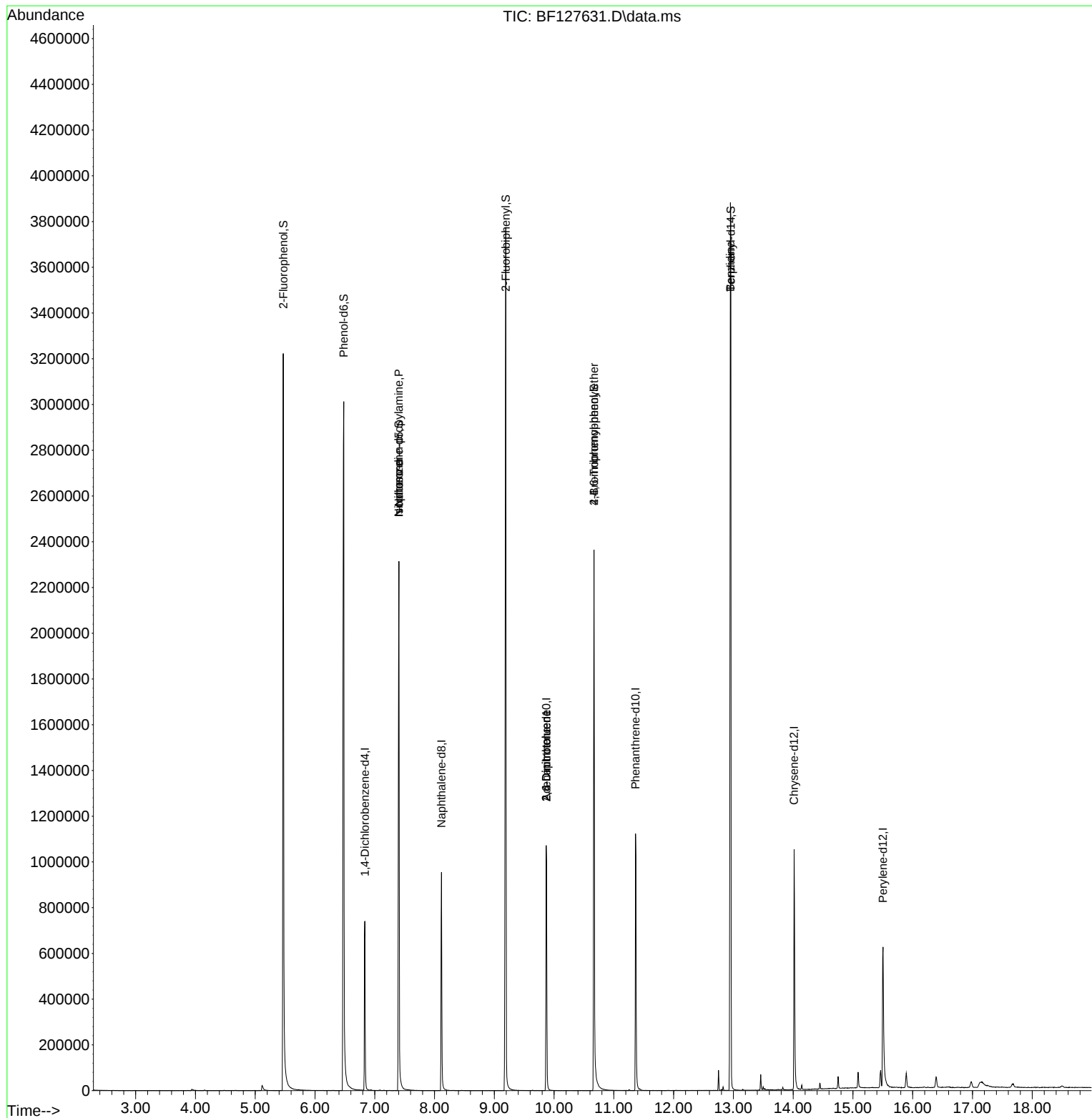
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	110384	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	421638	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	240661	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	451053	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	395538	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	347928	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	865410	125.144	ng	0.01
7) Phenol-d6	6.481	99	1164957	123.240	ng	0.00
23) Nitrobenzene-d5	7.404	82	809642	82.082	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	298516	116.442	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1329526	80.670	ng	0.00
79) Terphenyl-d14	12.957	244	1636020	67.710	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	1803	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	107377	18.951	ng	# 80
25) Isophorone	7.404	82	809635	51.535	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	30872	8.784	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	30872	6.825	ng	# 13
58) Fluorene	10.669	166	11870	Below Cal	#	89
67) 4-Bromophenyl-phenylether	10.669	248	19854	3.770	ng	# 1
77) Benzidine	12.951	184	20025	2.123	ng	# 93

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

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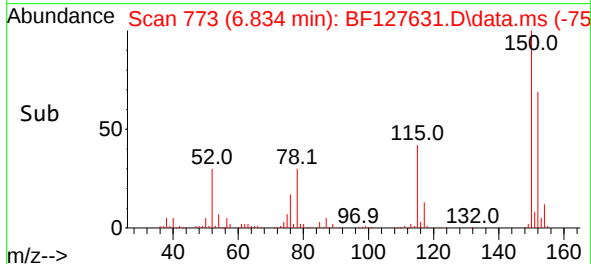
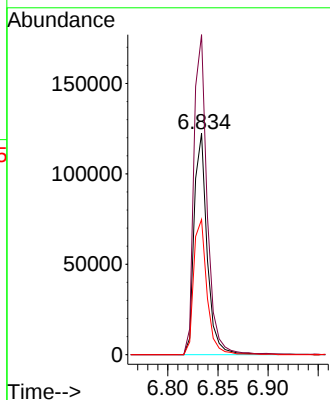
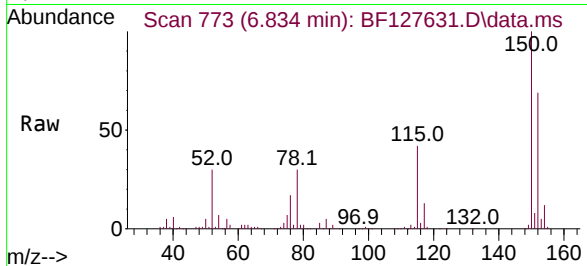




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127631.D
Acq: 04 Apr 2022 11:48

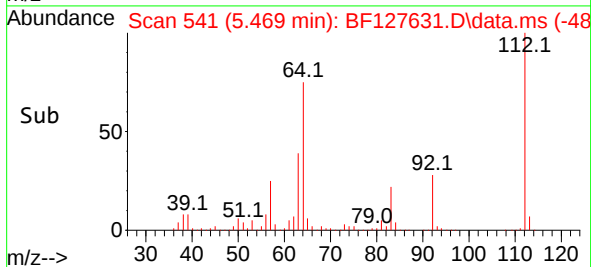
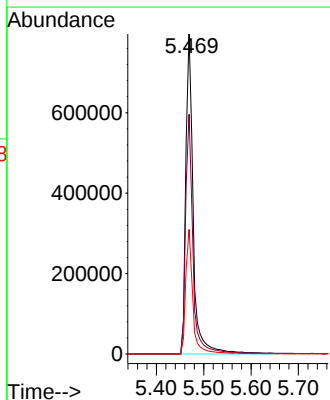
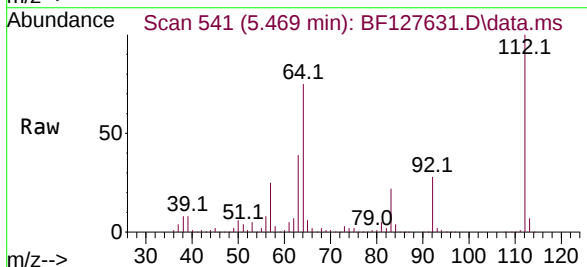
Instrument :
BNA_F
ClientSampleId :
PB143792BL

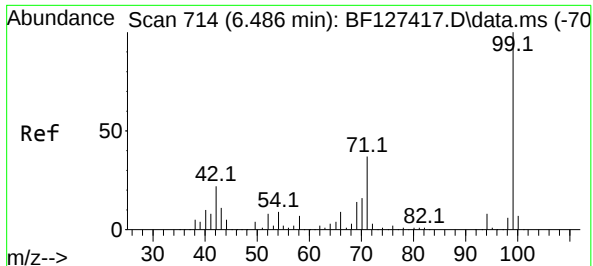
Tgt Ion:152 Resp: 110384
Ion Ratio Lower Upper
152 100
150 144.6 117.2 175.8
115 61.1 49.8 74.6



#5
2-Fluorophenol
Concen: 125.144 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF127631.D
Acq: 04 Apr 2022 11:48

Tgt Ion:112 Resp: 865410
Ion Ratio Lower Upper
112 100
64 74.9 58.4 87.6
63 39.0 30.1 45.1

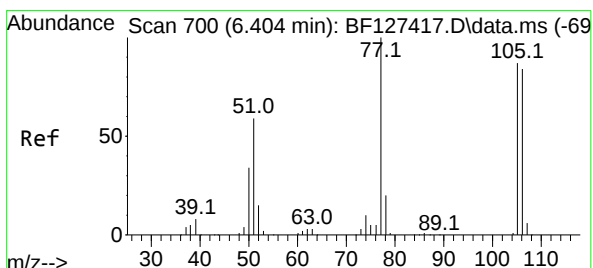
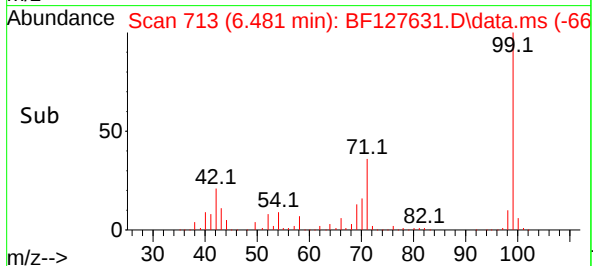
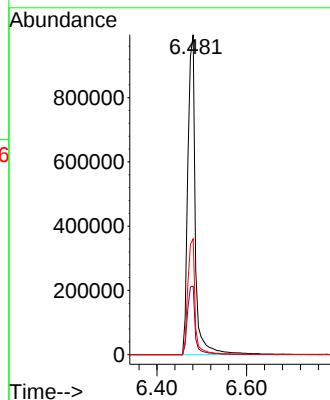
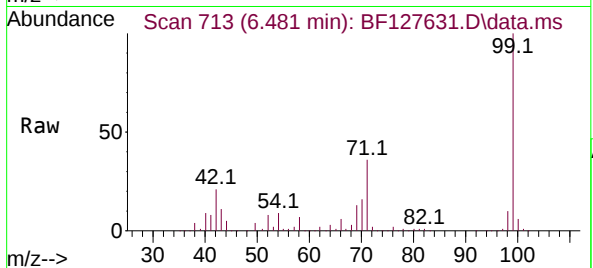




#7
Phenol-d6
Concen: 123.240 ng
RT: 6.481 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF127631.D
Acq: 04 Apr 2022 11:48

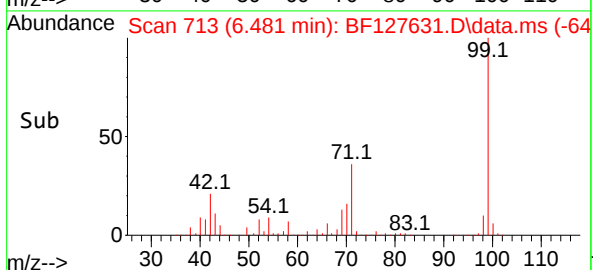
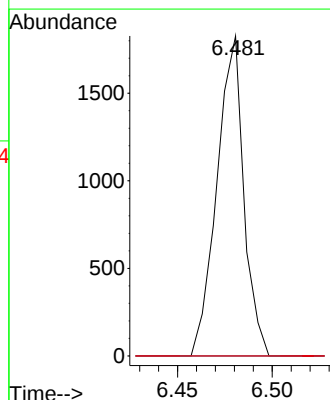
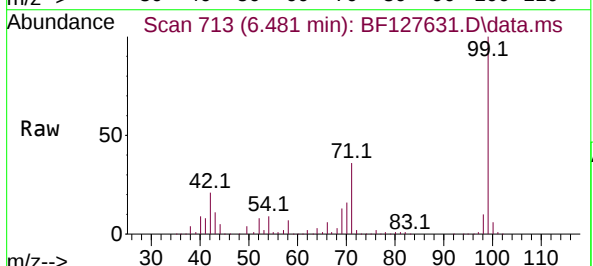
Instrument :
BNA_F
ClientSampleId :
PB143792BL

Tgt Ion: 99 Resp: 1164957
Ion Ratio Lower Upper
99 100
42 21.4 17.8 26.6
71 36.2 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.088 min
Lab File: BF127631.D
Acq: 04 Apr 2022 11:48

Tgt Ion: 77 Resp: 1803
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: 18.951 ng

RT: 7.404 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127631.D

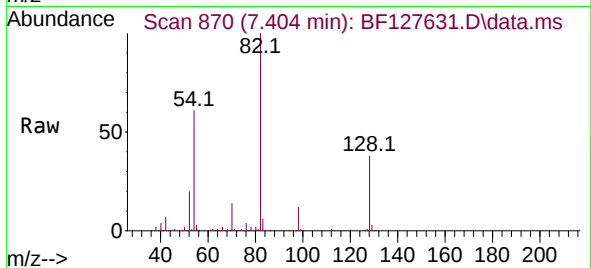
Acq: 04 Apr 2022 11:48

Instrument :

BNA_F

ClientSampleId :

PB143792BL



Tgt Ion: 70 Resp: 107377

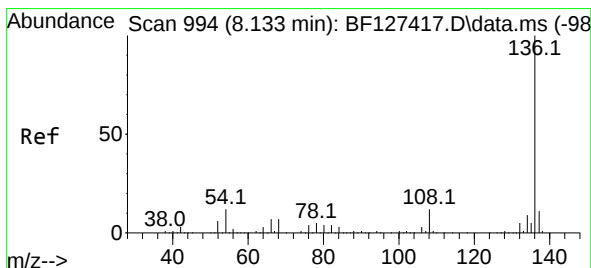
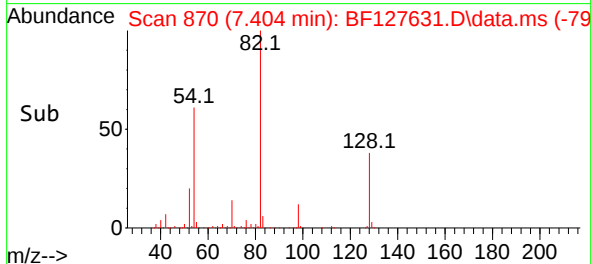
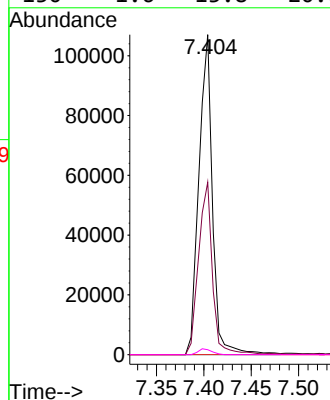
Ion Ratio Lower Upper

70 100

42 53.9 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: BF127631.D

Acq: 04 Apr 2022 11:48

Tgt Ion: 136 Resp: 421638

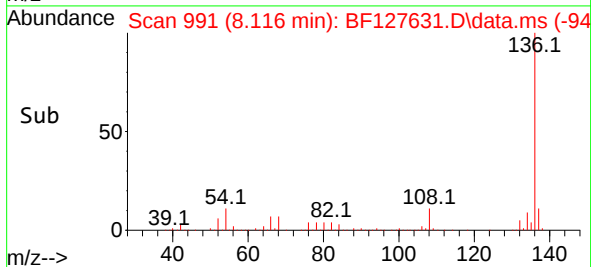
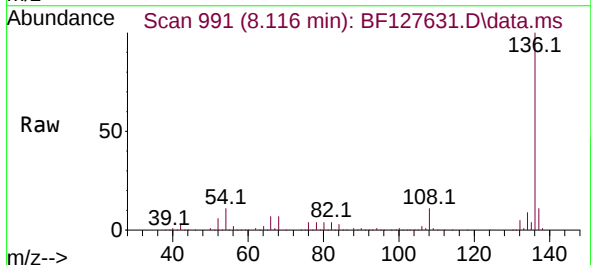
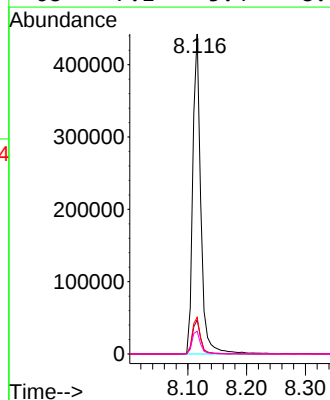
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 11.5 9.2 13.8

68 7.1 5.4 8.0





#23

Nitrobenzene-d5

Concen: 82.082 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127631.D

Acq: 04 Apr 2022 11:48

Instrument :

BNA_F

ClientSampleId :

PB143792BL

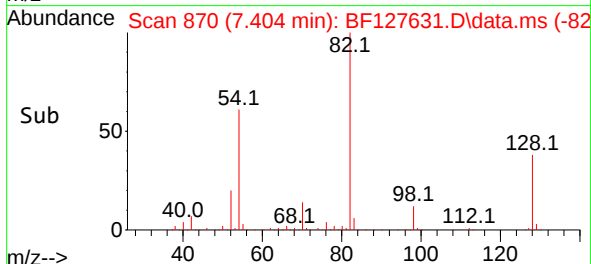
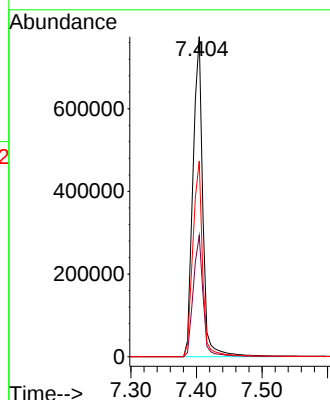
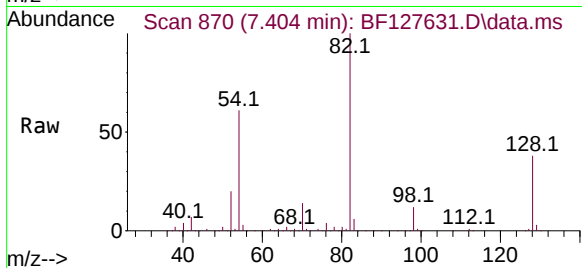
Tgt Ion: 82 Resp: 809642

Ion Ratio Lower Upper

82 100

128 37.9 30.6 45.8

54 61.1 48.2 72.2



#25

Isophorone

Concen: 51.535 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.259 min

Lab File: BF127631.D

Acq: 04 Apr 2022 11:48

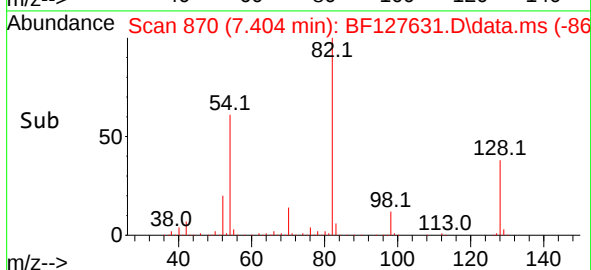
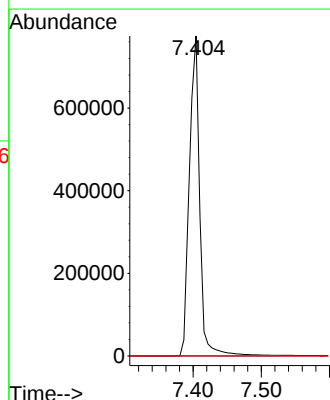
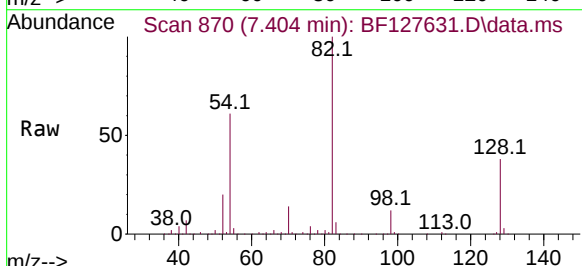
Tgt Ion: 82 Resp: 809635

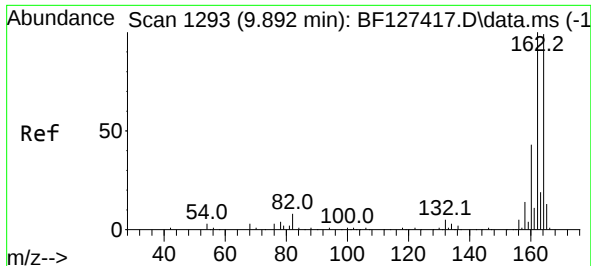
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

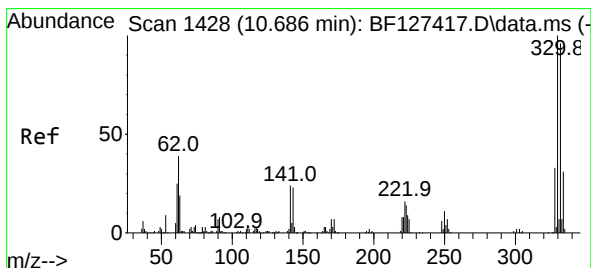
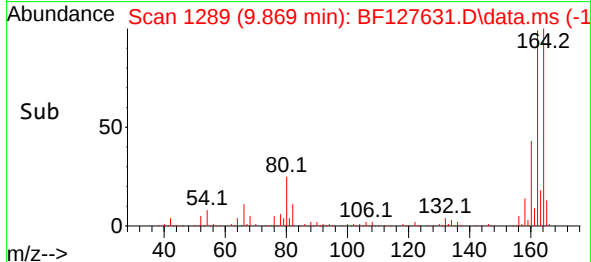
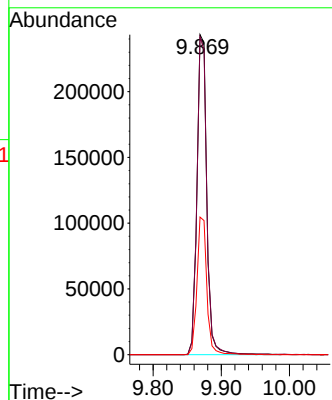
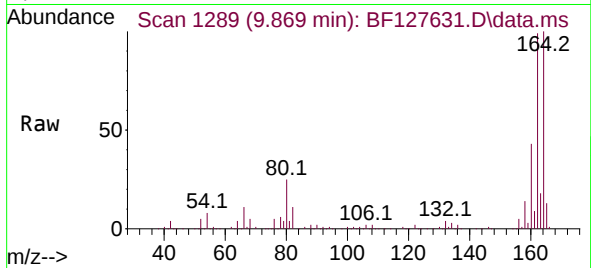




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127631.D
Acq: 04 Apr 2022 11:48

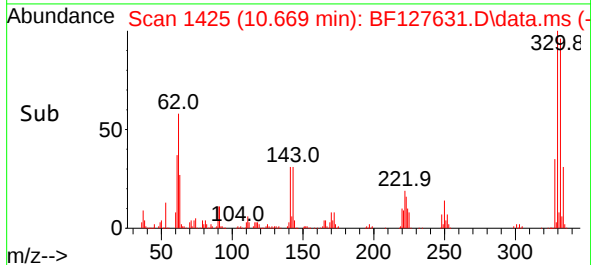
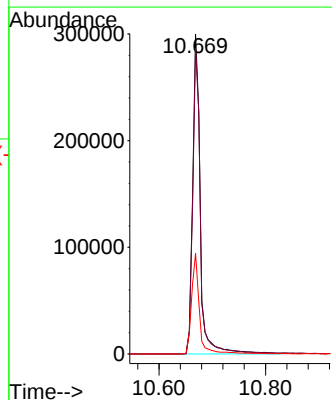
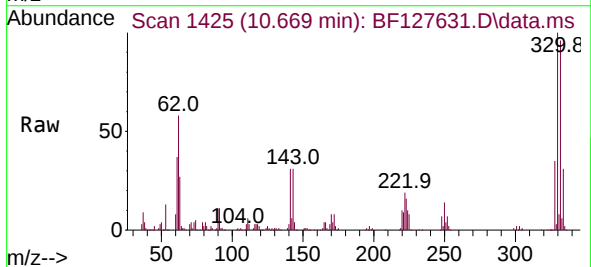
Instrument :
BNA_F
ClientSampleId :
PB143792BL

Tgt Ion:164 Resp: 240661
Ion Ratio Lower Upper
164 100
162 99.2 81.2 121.8
160 43.0 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 116.442 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF127631.D
Acq: 04 Apr 2022 11:48

Tgt Ion:330 Resp: 298516
Ion Ratio Lower Upper
330 100
332 95.8 79.1 118.7
141 32.6 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 80.670 ng

RT: 9.192 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF127631.D

Acq: 04 Apr 2022 11:48

Instrument :

BNA_F

ClientSampleId :

PB143792BL

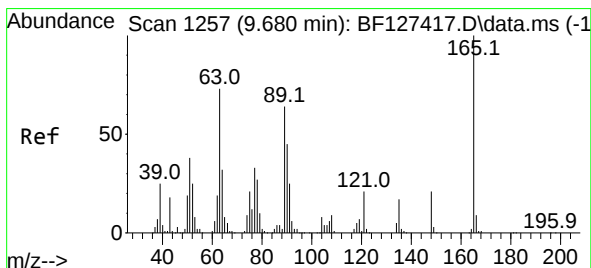
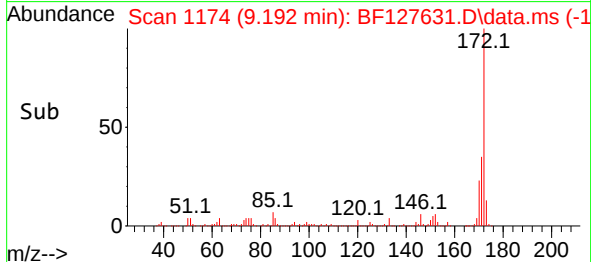
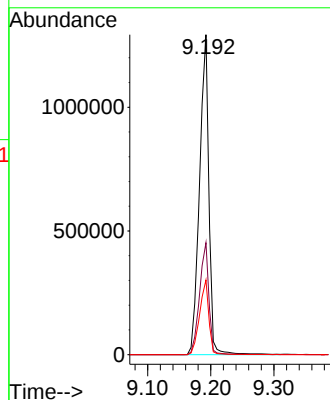
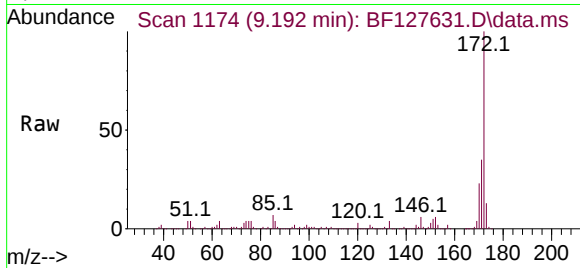
Tgt Ion:172 Resp: 1329526

Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.4 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 8.784 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF127631.D

Acq: 04 Apr 2022 11:48

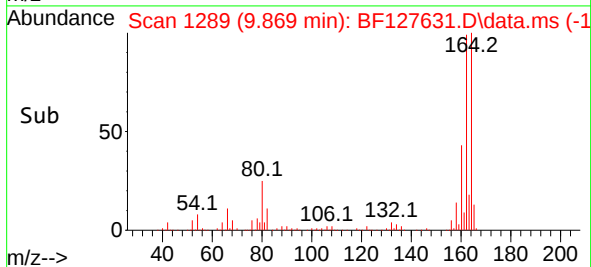
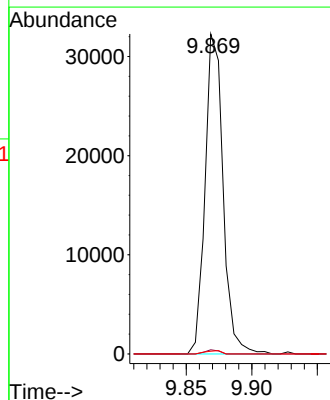
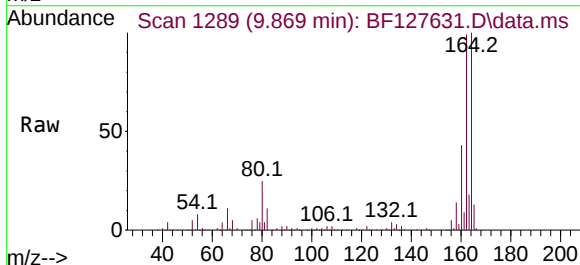
Tgt Ion:165 Resp: 30872

Ion Ratio Lower Upper

165 100

63 1.3 58.3 87.5#

89 0.8 51.5 77.3#

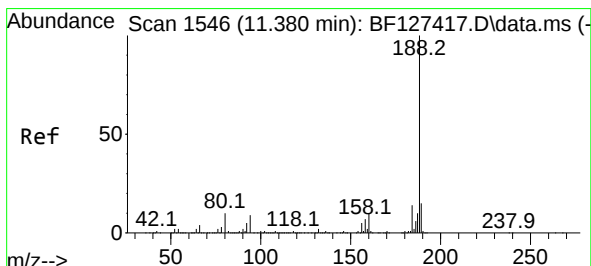
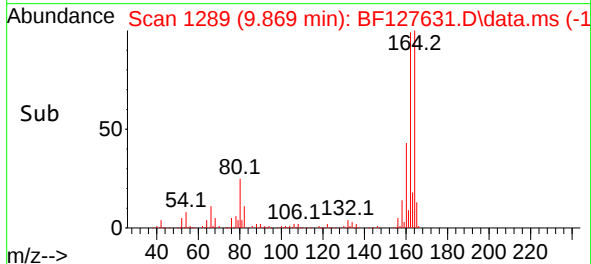
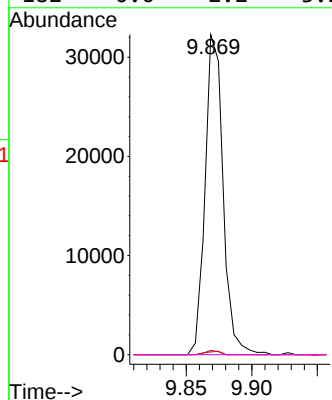
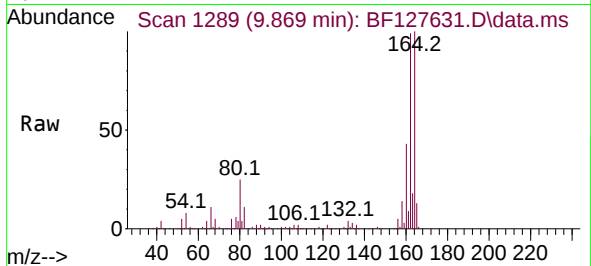




#57
2,4-Dinitrotoluene
Concen: 6.825 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127631.D
Acq: 04 Apr 2022 11:48

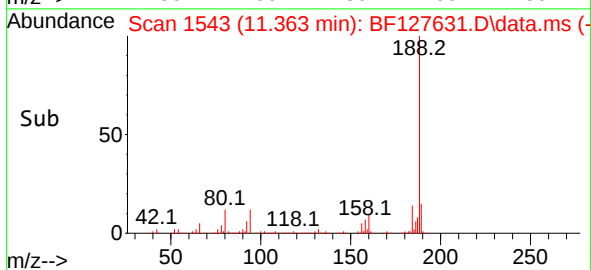
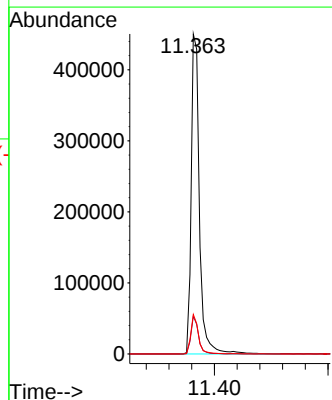
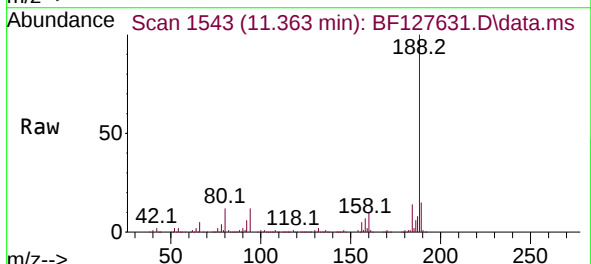
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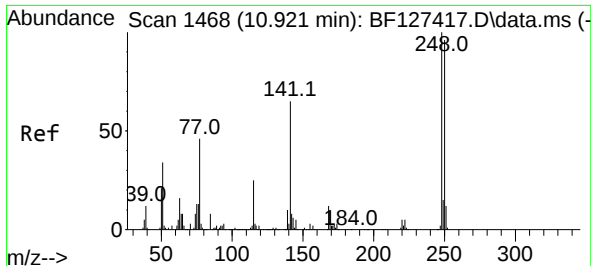
Tgt Ion:165 Resp: 30872
Ion Ratio Lower Upper
165 100
63 1.3 53.1 79.7#
89 0.8 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127631.D
Acq: 04 Apr 2022 11:48

Tgt Ion:188 Resp: 451053
Ion Ratio Lower Upper
188 100
94 11.8 7.4 11.0#
80 12.3 8.0 12.0#

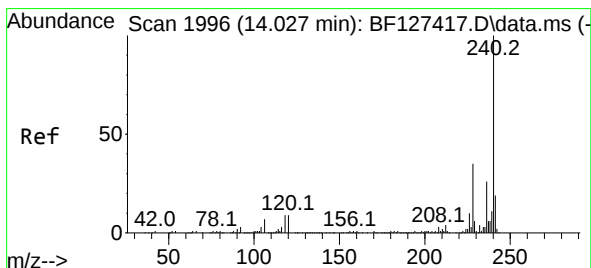
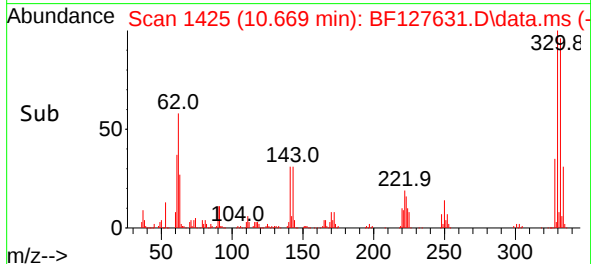
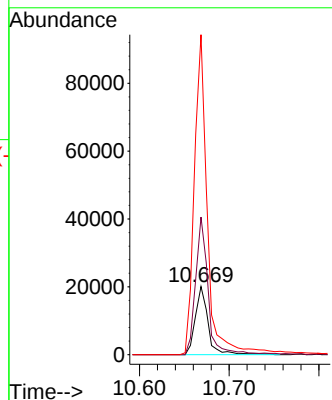
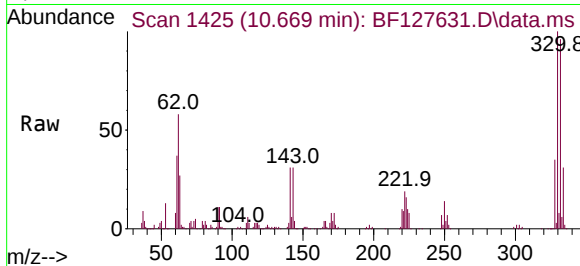




#67
4-Bromophenyl-phenylether
Concen: 3.770 ng
RT: 10.669 min Scan# 14
Delta R.T. -0.235 min
Lab File: BF127631.D
Acq: 04 Apr 2022 11:48

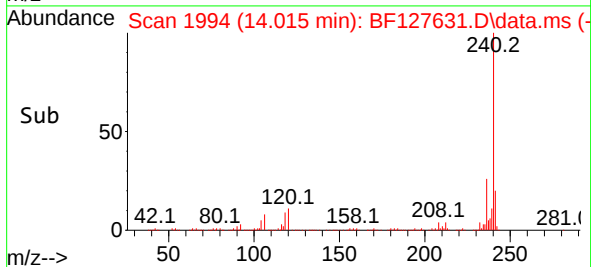
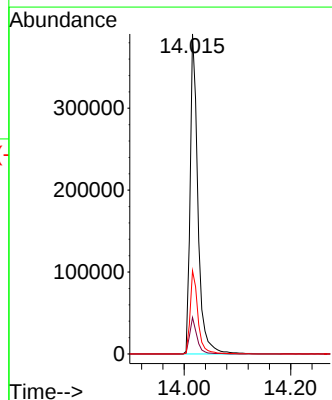
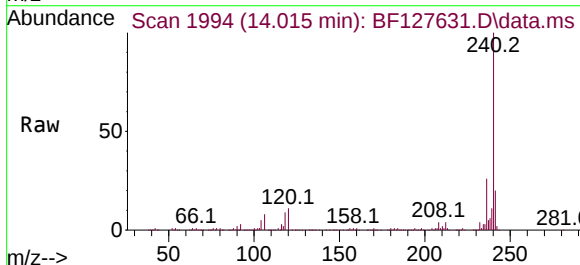
Instrument :
BNA_F
ClientSampleId :
PB143792BL

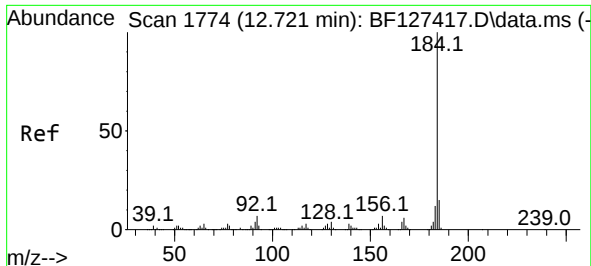
Tgt Ion:248 Resp: 19854
Ion Ratio Lower Upper
248 100
250 201.9 76.6 115.0#
141 469.6 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127631.D
Acq: 04 Apr 2022 11:48

Tgt Ion:240 Resp: 395538
Ion Ratio Lower Upper
240 100
120 11.4 7.1 10.7#
236 26.0 20.7 31.1

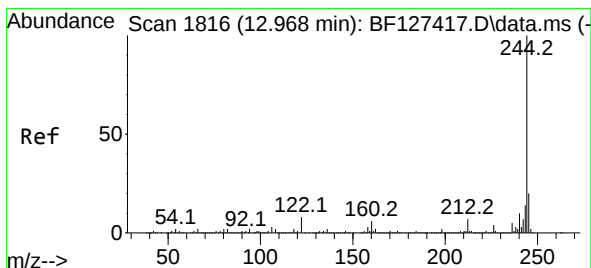
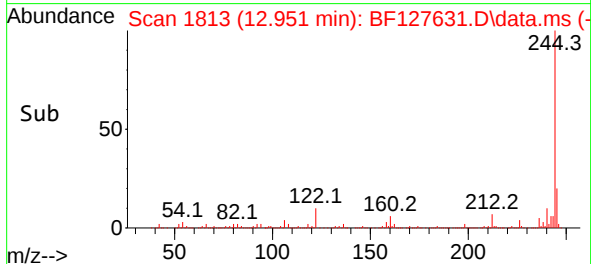
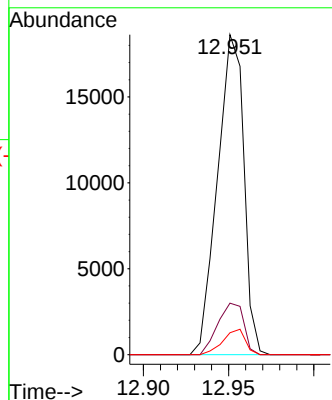
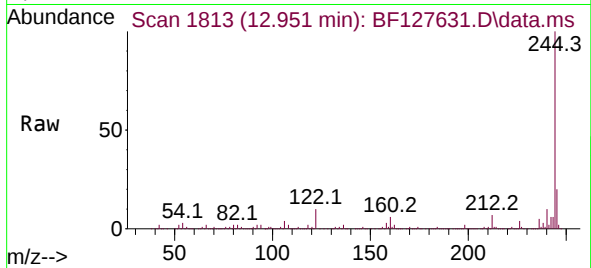




#77
Benzidine
Concen: 2.123 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.241 min
Lab File: BF127631.D
Acq: 04 Apr 2022 11:48

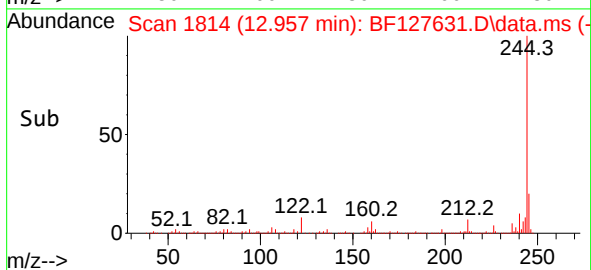
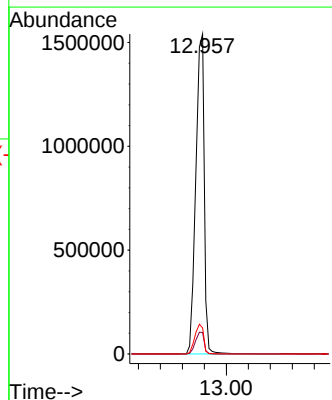
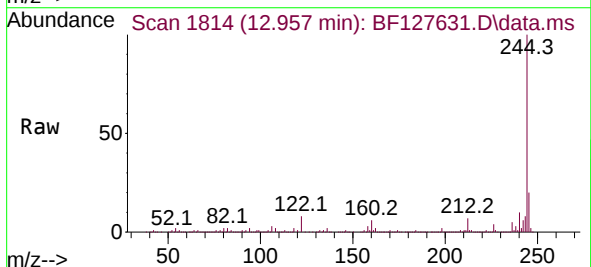
Instrument :
BNA_F
ClientSampleId :
PB143792BL

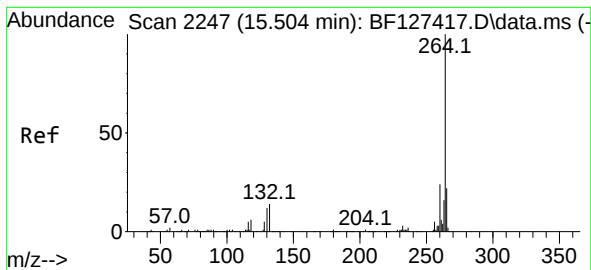
Tgt Ion:184 Resp: 20025
Ion Ratio Lower Upper
184 100
185 16.1 12.2 18.2
183 6.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 67.710 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.006 min
Lab File: BF127631.D
Acq: 04 Apr 2022 11:48

Tgt Ion:244 Resp: 1636020
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 8.2 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF127631.D
 Acq: 04 Apr 2022 11:48

Instrument :
 BNA_F
 ClientSampleId :
 PB143792BL

Tgt Ion:264 Resp: 347928
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.4 17.4 26.2

