

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
 Data File : BF127498.D
 Acq On : 24 Mar 2022 13:02
 Operator : CG\JU
 Sample : N2062-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-2022-03-21

Quant Time: Mar 24 15:21:06 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 22 02:16:33 2022
 Response via : Initial Calibration

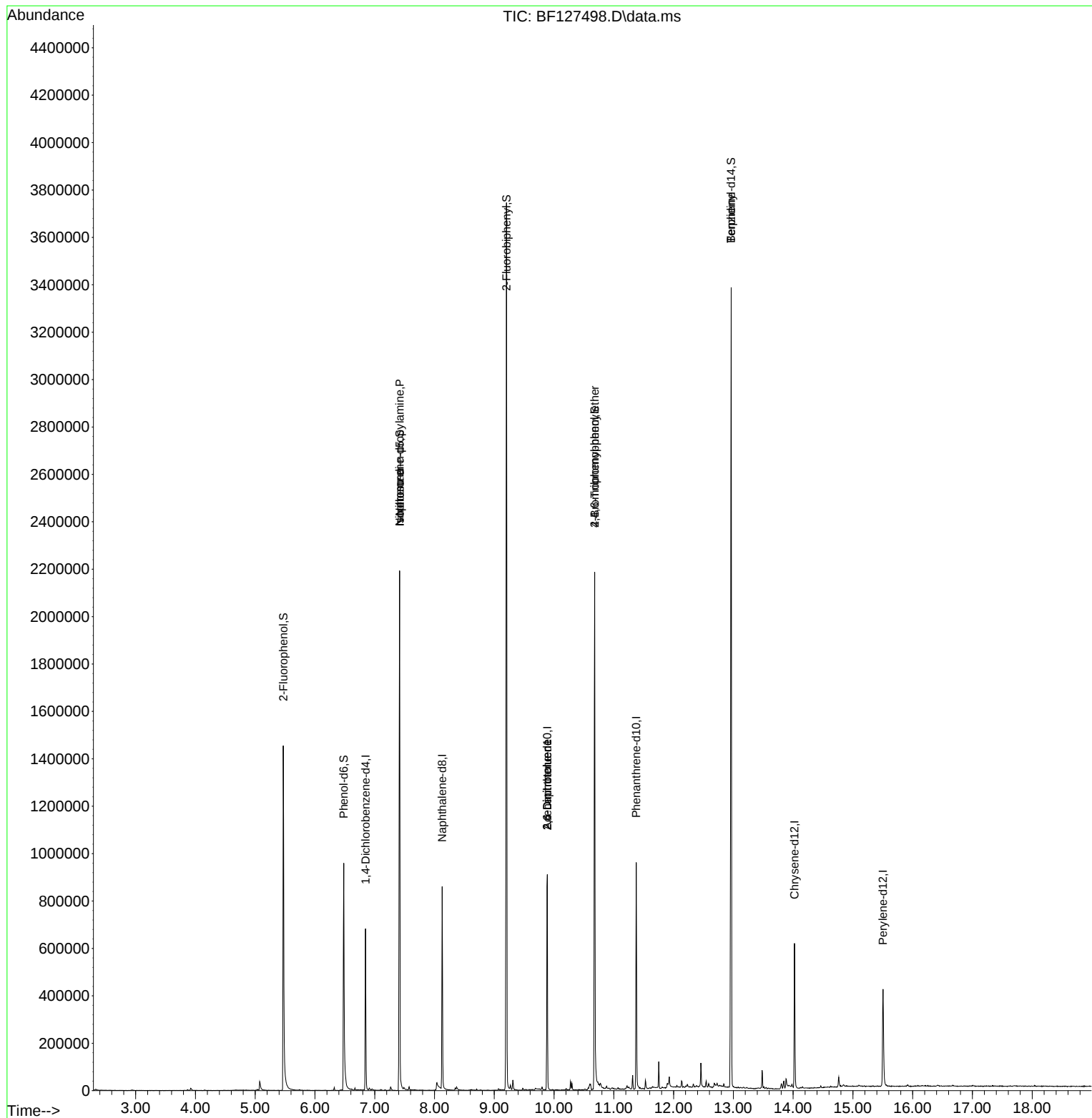
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	89580	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	321047	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	184426	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	322559	20.000	ng	0.00
76) Chrysene-d12	14.022	240	207258	20.000	ng	0.00
86) Perylene-d12	15.504	264	197081	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	376472	67.083	ng	0.00
7) Phenol-d6	6.481	99	323616	42.186	ng	0.00
23) Nitrobenzene-d5	7.416	82	703795	93.707	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	257311	130.973	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1162941	92.078	ng	0.00
79) Terphenyl-d14	12.963	244	1202558	94.984	ng	0.00
Target Compounds						
9) Benzaldehyde	6.481	77	634	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.416	70	96841	21.060	ng	# 78
25) Isophorone	7.416	82	703789	58.834	ng	# 70
51) 2,6-Dinitrotoluene	9.886	165	23824	8.846	ng	# 17
57) 2,4-Dinitrotoluene	9.886	165	23824	6.872	ng	# 14
58) Fluorene	10.681	166	10008	Below Cal	#	92
67) 4-Bromophenyl-phenylether	10.681	248	17297	4.593	ng	# 1
77) Benzidine	12.963	184	15158	3.067	ng	# 91

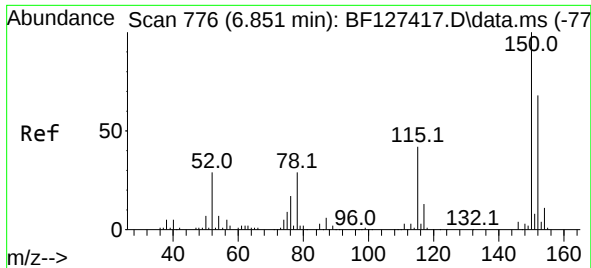
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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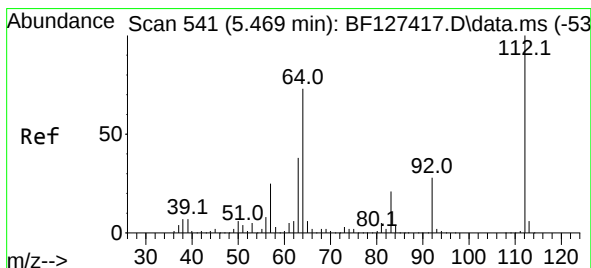
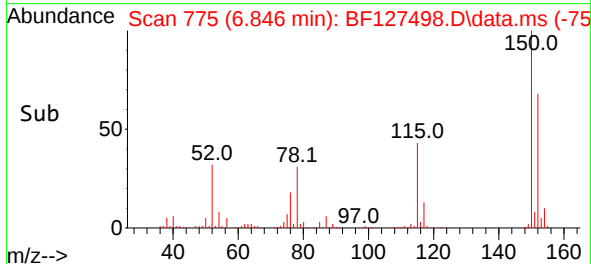
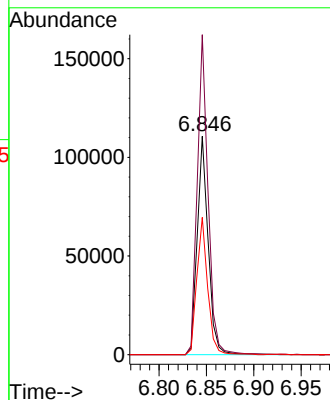
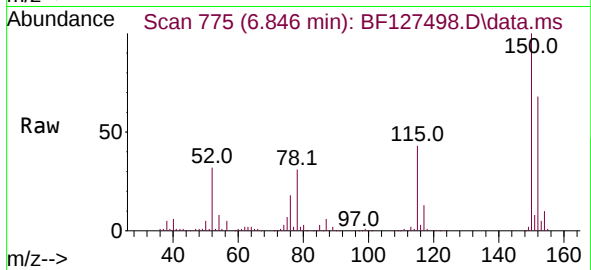




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.846 min Scan# 776
 Delta R.T. -0.005 min
 Lab File: BF127498.D
 Acq: 24 Mar 2022 13:02

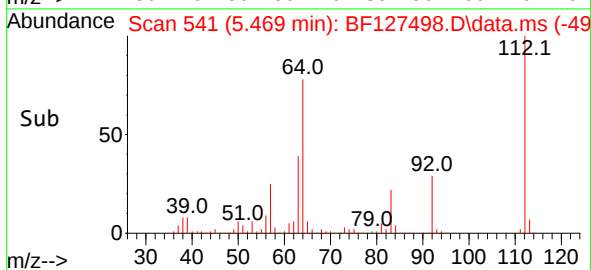
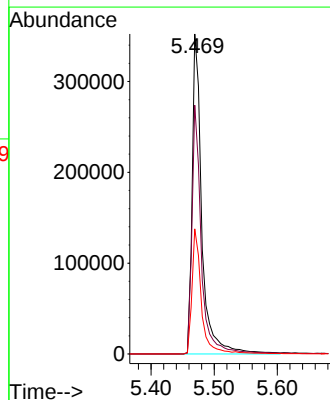
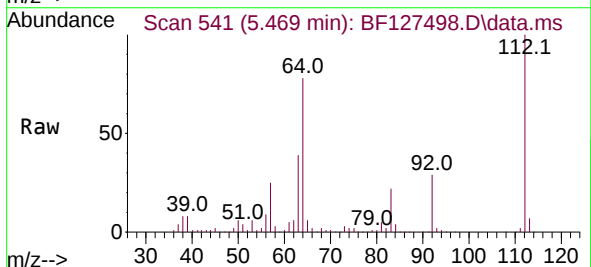
Instrument :
 BNA_F
 ClientSampleId :
 EB-2022-03-21

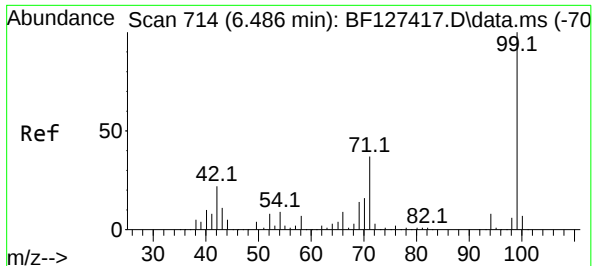
Tgt Ion:152 Resp: 89580
 Ion Ratio Lower Upper
 152 100
 150 146.5 117.2 175.8
 115 62.8 49.8 74.6



#5
 2-Fluorophenol
 Concen: 67.083 ng
 RT: 5.469 min Scan# 541
 Delta R.T. 0.000 min
 Lab File: BF127498.D
 Acq: 24 Mar 2022 13:02

Tgt Ion:112 Resp: 376472
 Ion Ratio Lower Upper
 112 100
 64 77.7 58.4 87.6
 63 39.1 30.1 45.1

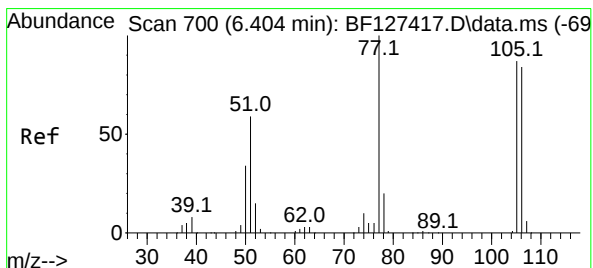
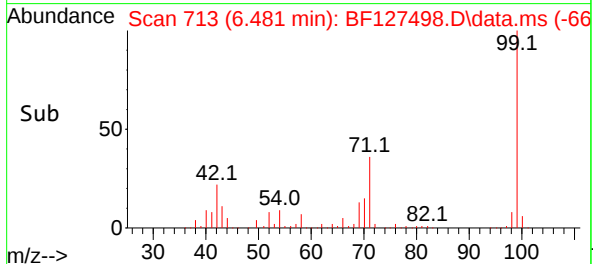
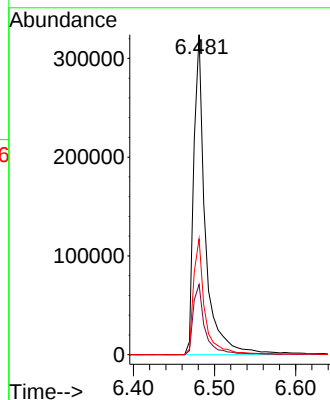
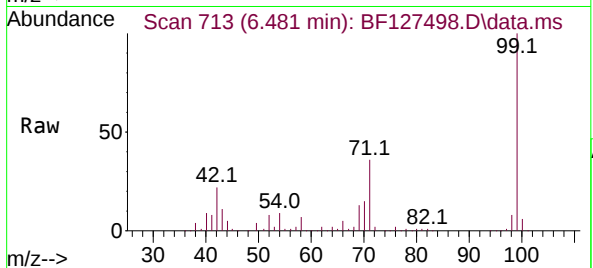




#7
Phenol-d6
Concen: 42.186 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF127498.D
Acq: 24 Mar 2022 13:02

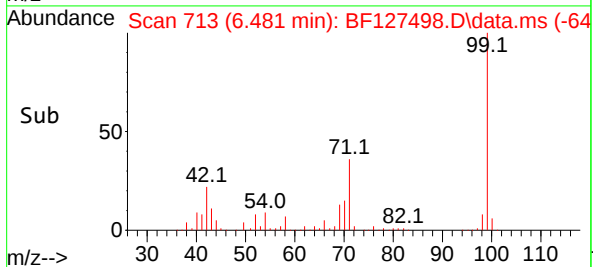
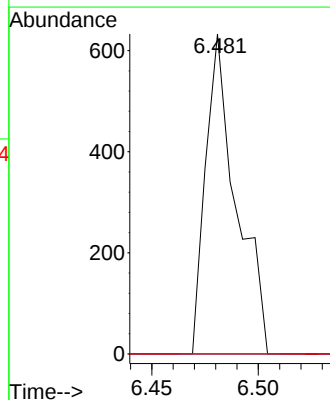
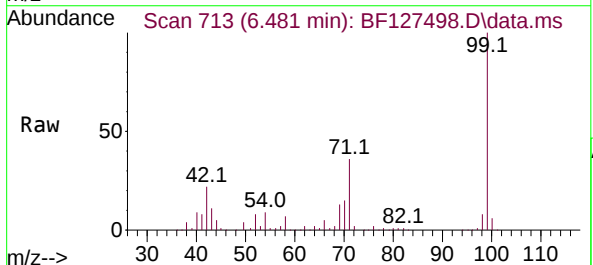
Instrument :
BNA_F
ClientSampleId :
EB-2022-03-21

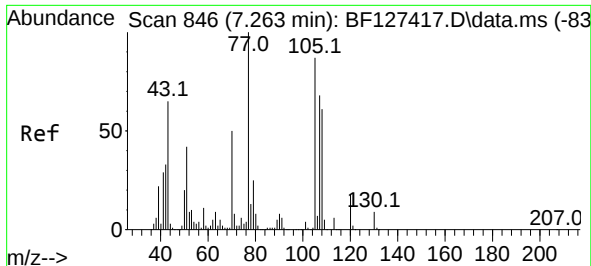
Tgt Ion: 99 Resp: 323616
Ion Ratio Lower Upper
99 100
42 21.9 17.8 26.6
71 36.2 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.077 min
Lab File: BF127498.D
Acq: 24 Mar 2022 13:02

Tgt Ion: 77 Resp: 634
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: 21.060 ng

RT: 7.416 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127498.D

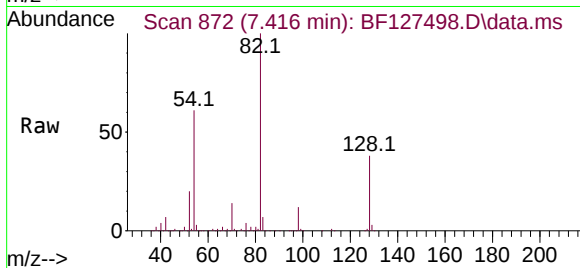
Acq: 24 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

EB-2022-03-21



Tgt Ion: 70 Resp: 96841

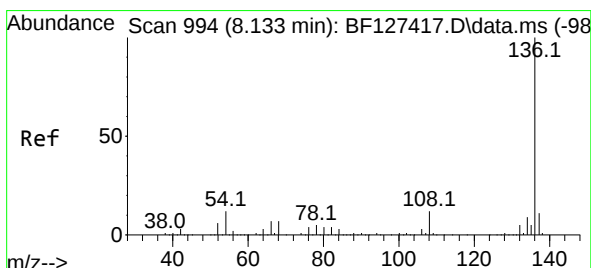
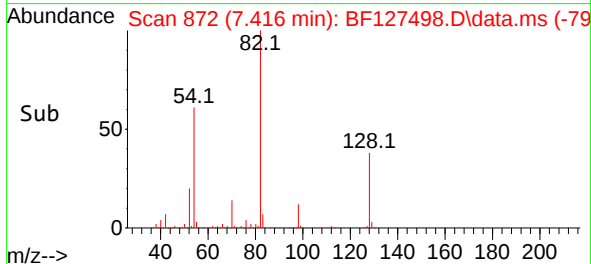
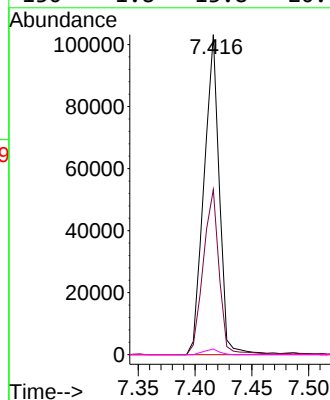
Ion Ratio Lower Upper

70 100

42 51.6 53.0 79.6#

101 0.0 6.8 10.2#

130 1.8 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF127498.D

Acq: 24 Mar 2022 13:02

Tgt Ion: 136 Resp: 321047

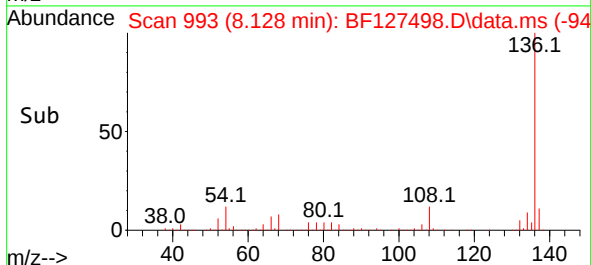
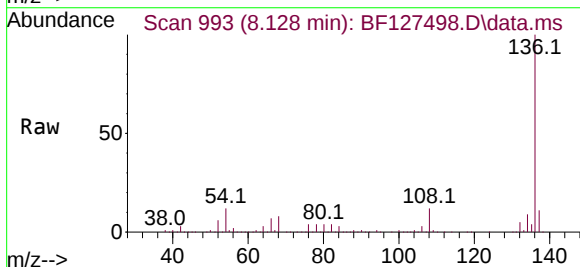
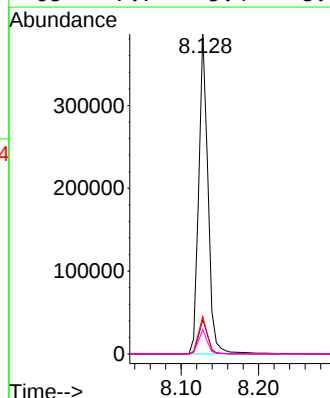
Ion Ratio Lower Upper

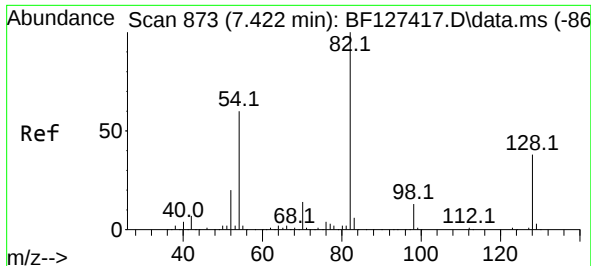
136 100

137 10.6 8.6 13.0

54 11.7 9.2 13.8

68 7.7 5.4 8.0





#23

Nitrobenzene-d5

Concen: 93.707 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127498.D

Acq: 24 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

EB-2022-03-21

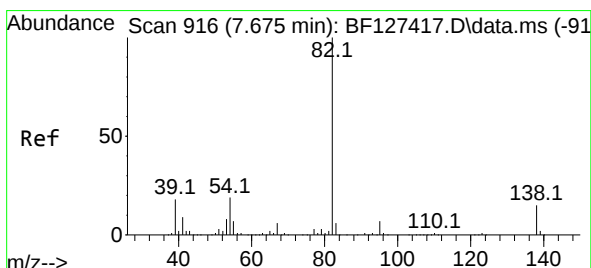
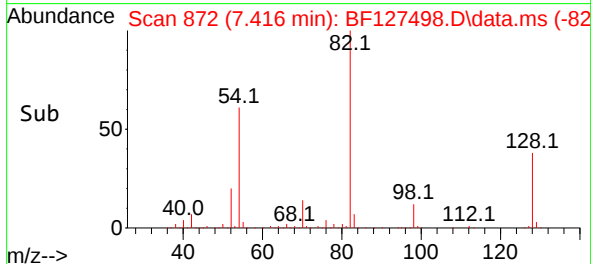
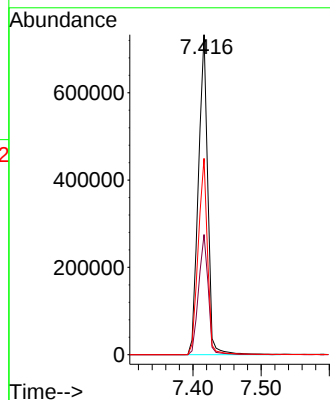
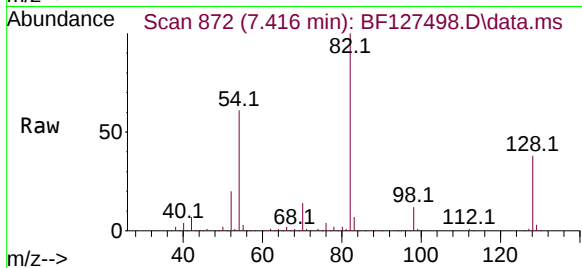
Tgt Ion: 82 Resp: 703795

Ion Ratio Lower Upper

82 100

128 37.5 30.6 45.8

54 61.3 48.2 72.2



#25

Isophorone

Concen: 58.834 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127498.D

Acq: 24 Mar 2022 13:02

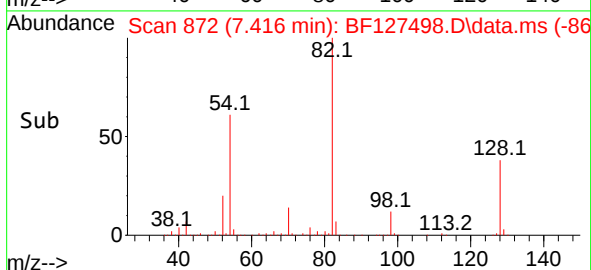
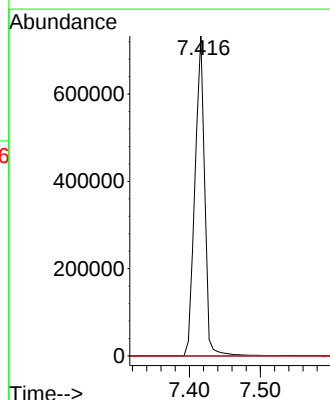
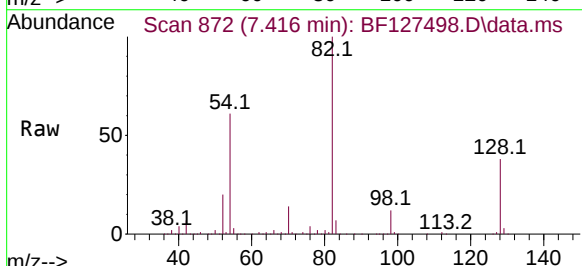
Tgt Ion: 82 Resp: 703789

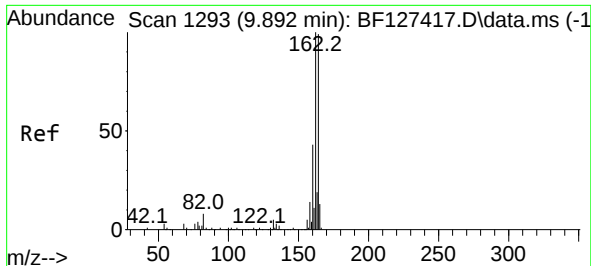
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127498.D

Acq: 24 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

EB-2022-03-21

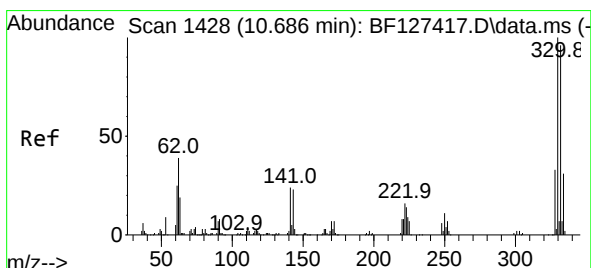
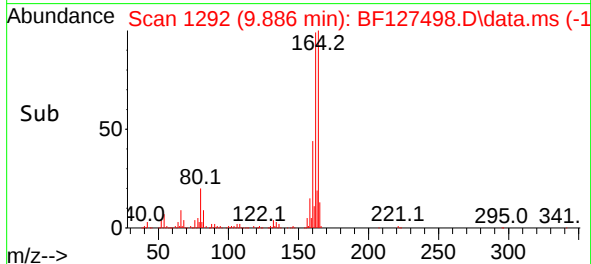
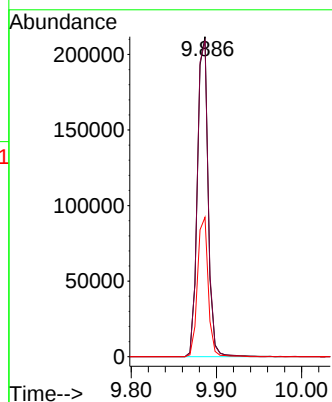
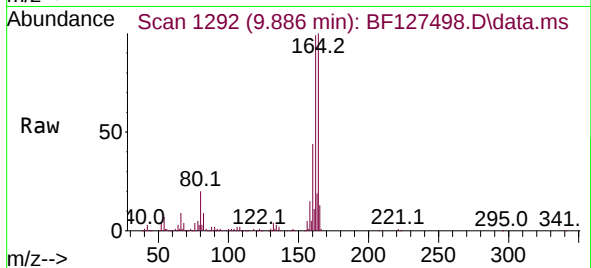
Tgt Ion:164 Resp: 184426

Ion Ratio Lower Upper

164 100

162 98.6 81.2 121.8

160 43.5 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 130.973 ng

RT: 10.681 min Scan# 1427

Delta R.T. -0.006 min

Lab File: BF127498.D

Acq: 24 Mar 2022 13:02

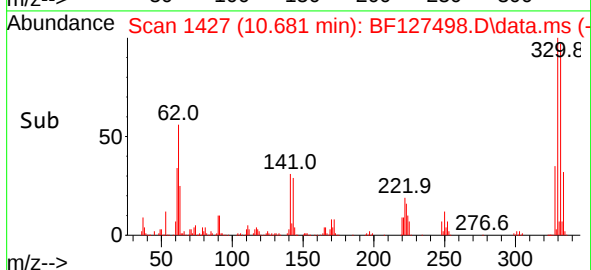
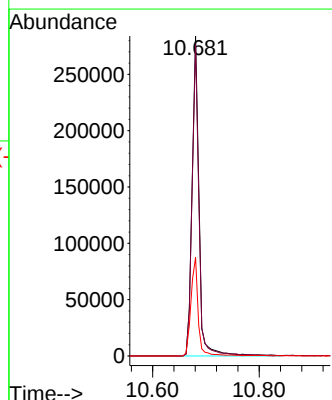
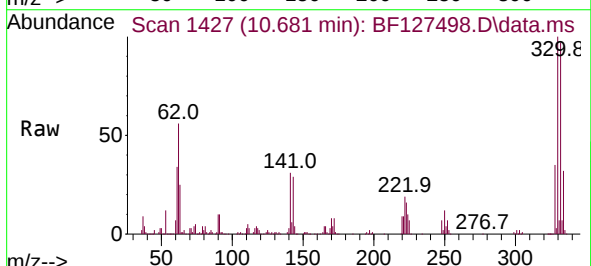
Tgt Ion:330 Resp: 257311

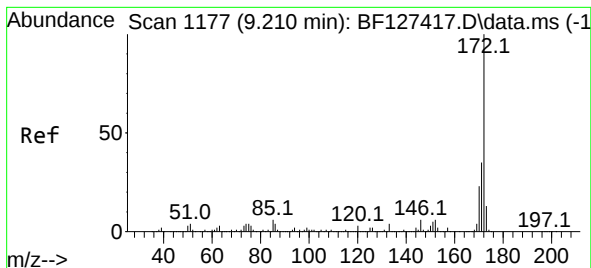
Ion Ratio Lower Upper

330 100

332 96.1 79.1 118.7

141 32.2 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 92.078 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127498.D

Acq: 24 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

EB-2022-03-21

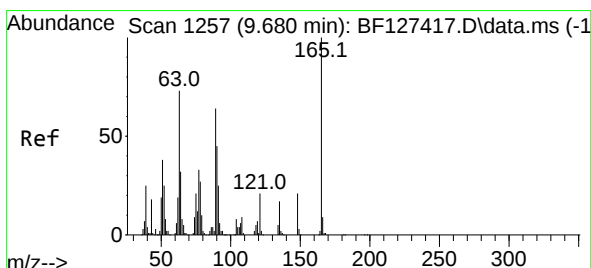
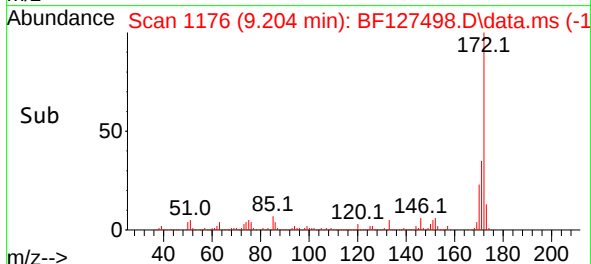
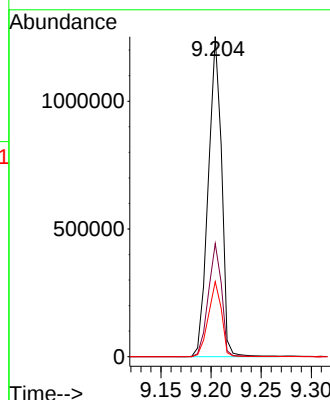
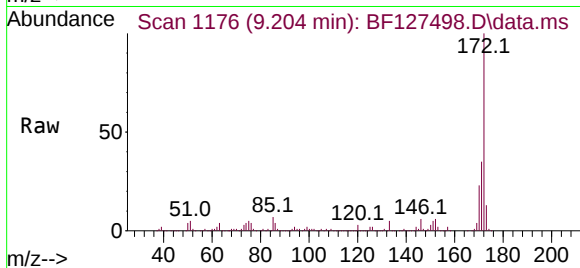
Tgt Ion:172 Resp: 1162941

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.5 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 8.846 ng

RT: 9.886 min Scan# 1292

Delta R.T. 0.206 min

Lab File: BF127498.D

Acq: 24 Mar 2022 13:02

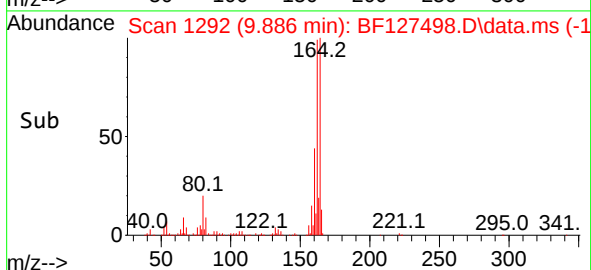
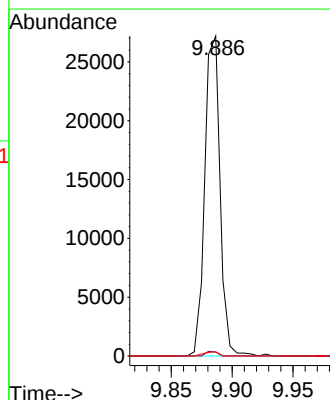
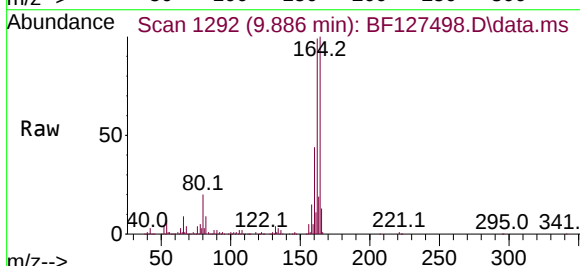
Tgt Ion:165 Resp: 23824

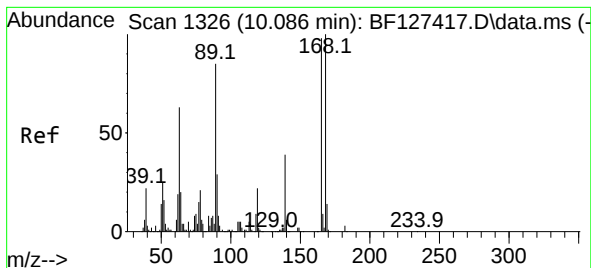
Ion Ratio Lower Upper

165 100

63 1.2 58.3 87.5#

89 1.3 51.5 77.3#

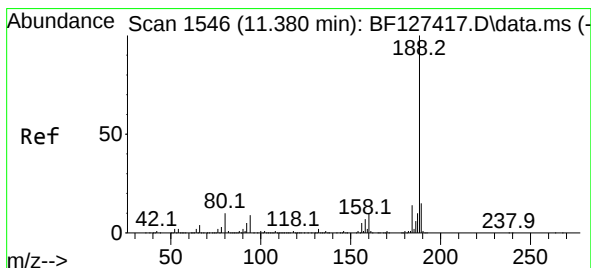
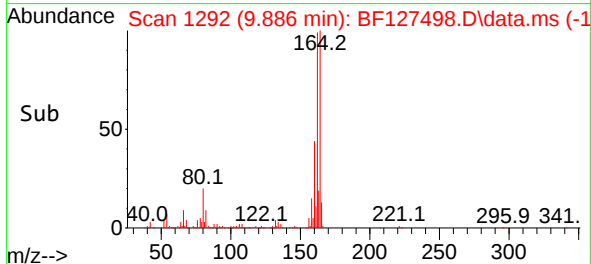
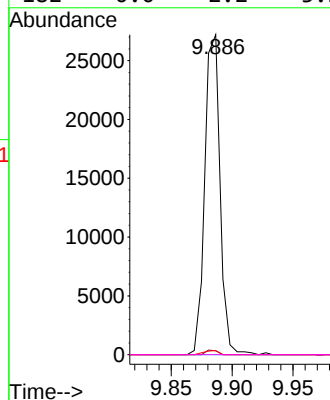
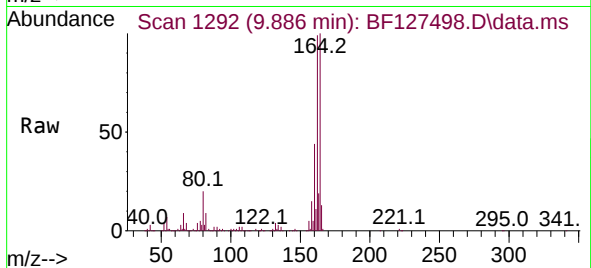




#57
2,4-Dinitrotoluene
Concen: 6.872 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127498.D
Acq: 24 Mar 2022 13:02

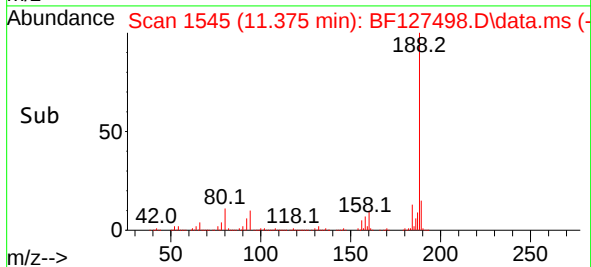
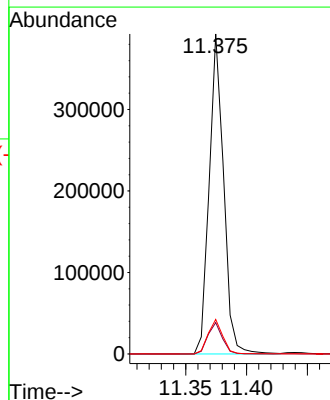
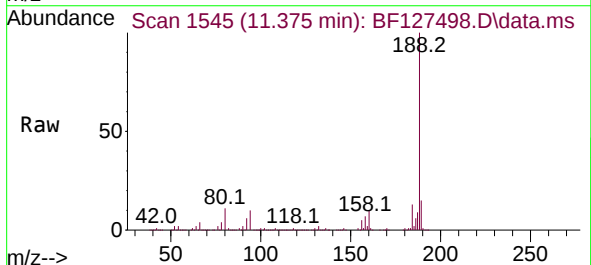
Instrument :
BNA_F
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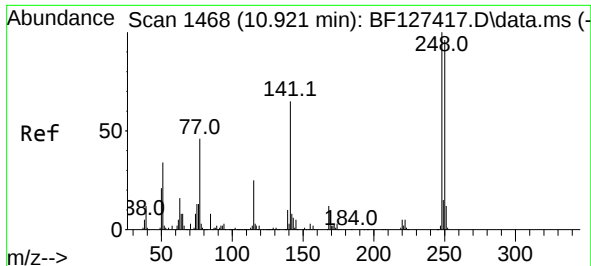
Tgt Ion:165 Resp: 23824
Ion Ratio Lower Upper
165 100
63 1.2 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.005 min
Lab File: BF127498.D
Acq: 24 Mar 2022 13:02

Tgt Ion:188 Resp: 322559
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.0
80 10.8 8.0 12.0

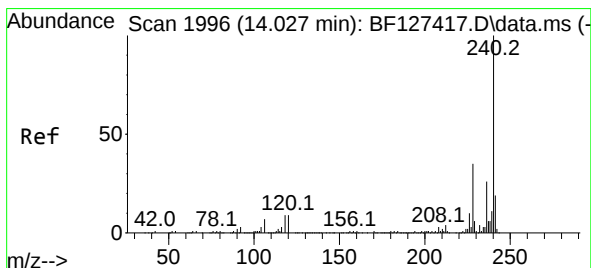
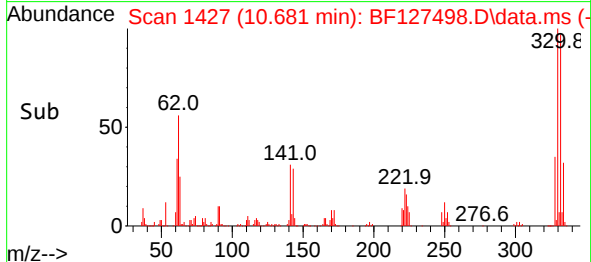
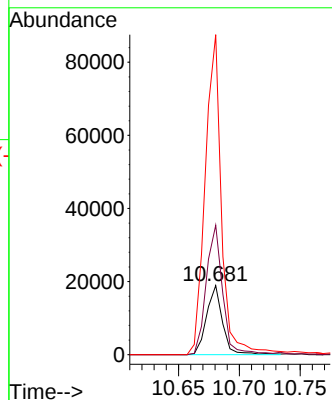
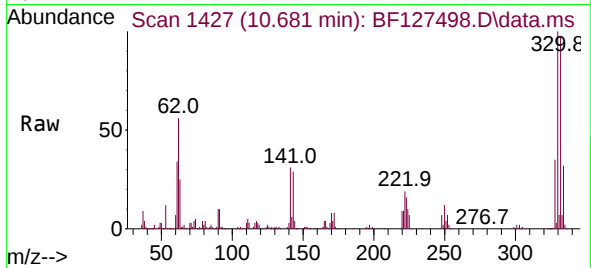




#67
4-Bromophenyl-phenylether
Concen: 4.593 ng
RT: 10.681 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127498.D
Acq: 24 Mar 2022 13:02

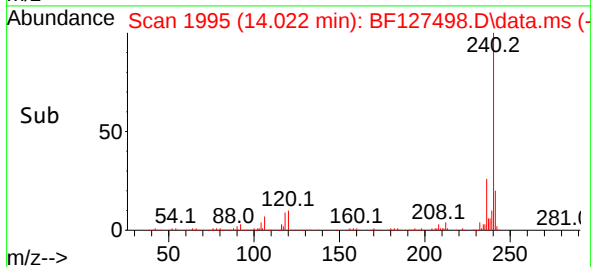
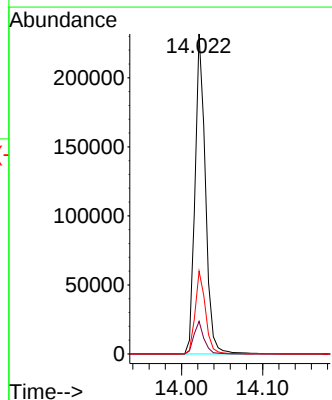
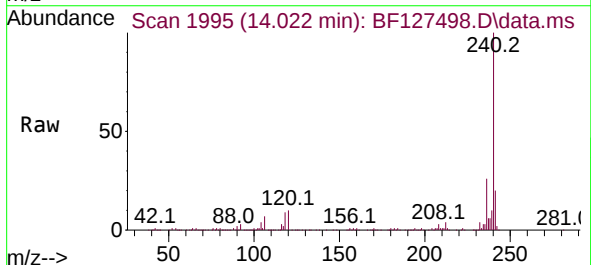
Instrument :
BNA_F
ClientSampleId :
EB-2022-03-21

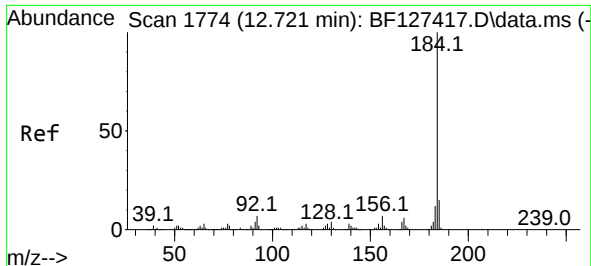
Tgt Ion:248 Resp: 17297
Ion Ratio Lower Upper
248 100
250 187.2 76.6 115.0#
141 462.7 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.022 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127498.D
Acq: 24 Mar 2022 13:02

Tgt Ion:240 Resp: 207258
Ion Ratio Lower Upper
240 100
120 10.2 7.1 10.7
236 25.8 20.7 31.1

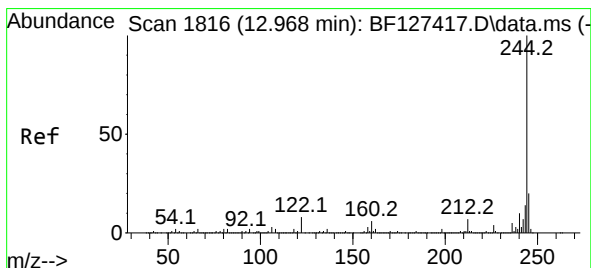
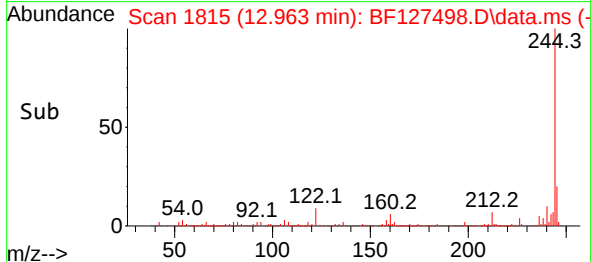
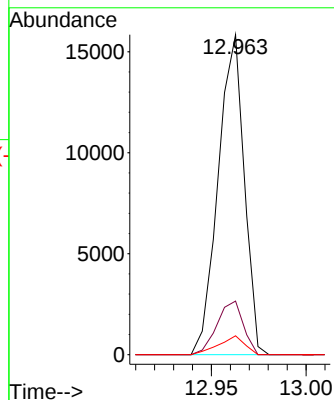
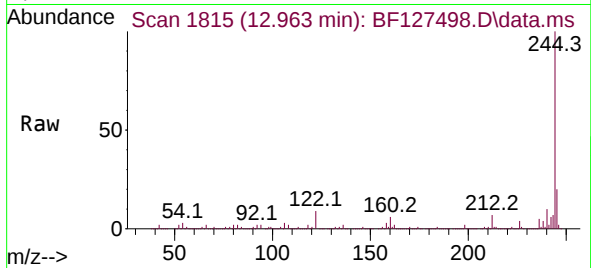




#77
Benzidine
Concen: 3.067 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127498.D
Acq: 24 Mar 2022 13:02

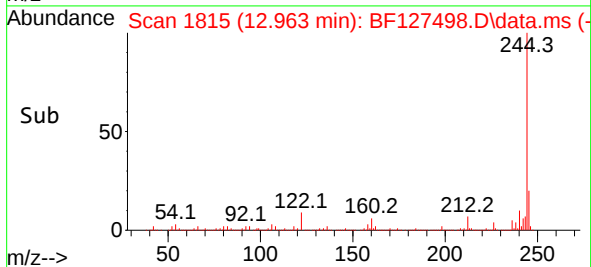
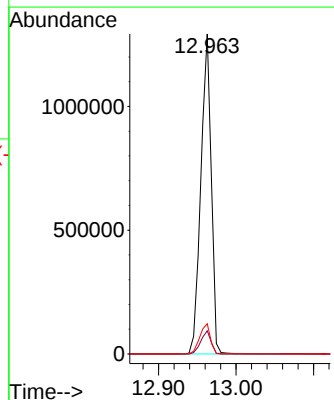
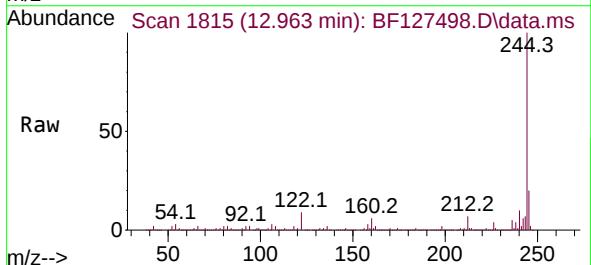
Instrument :
BNA_F
ClientSampleId :
EB-2022-03-21

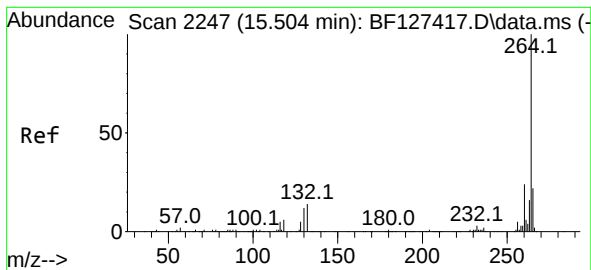
Tgt Ion:184 Resp: 15158
Ion Ratio Lower Upper
184 100
185 16.7 12.2 18.2
183 5.9 9.4 14.0#



#79
Terphenyl-d14
Concen: 94.984 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127498.D
Acq: 24 Mar 2022 13:02

Tgt Ion:244 Resp: 1202558
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.5 6.2 9.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF127498.D

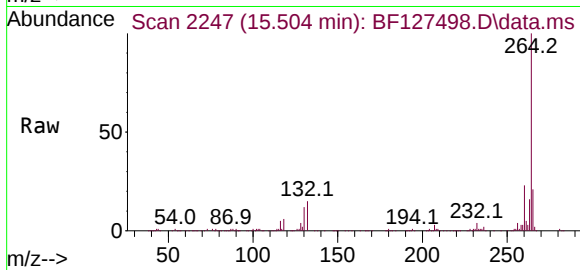
Acq: 24 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

EB-2022-03-21



Tgt Ion:264 Resp: 197081

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 20.9 17.4 26.2

