

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
 Data File : BF128302.D
 Acq On : 17 May 2022 20:40
 Operator : CG\JU
 Sample : N2863-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P003-SS005-0006-01

Quant Time: May 18 01:35:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 01:31:11 2022
 Response via : Initial Calibration

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

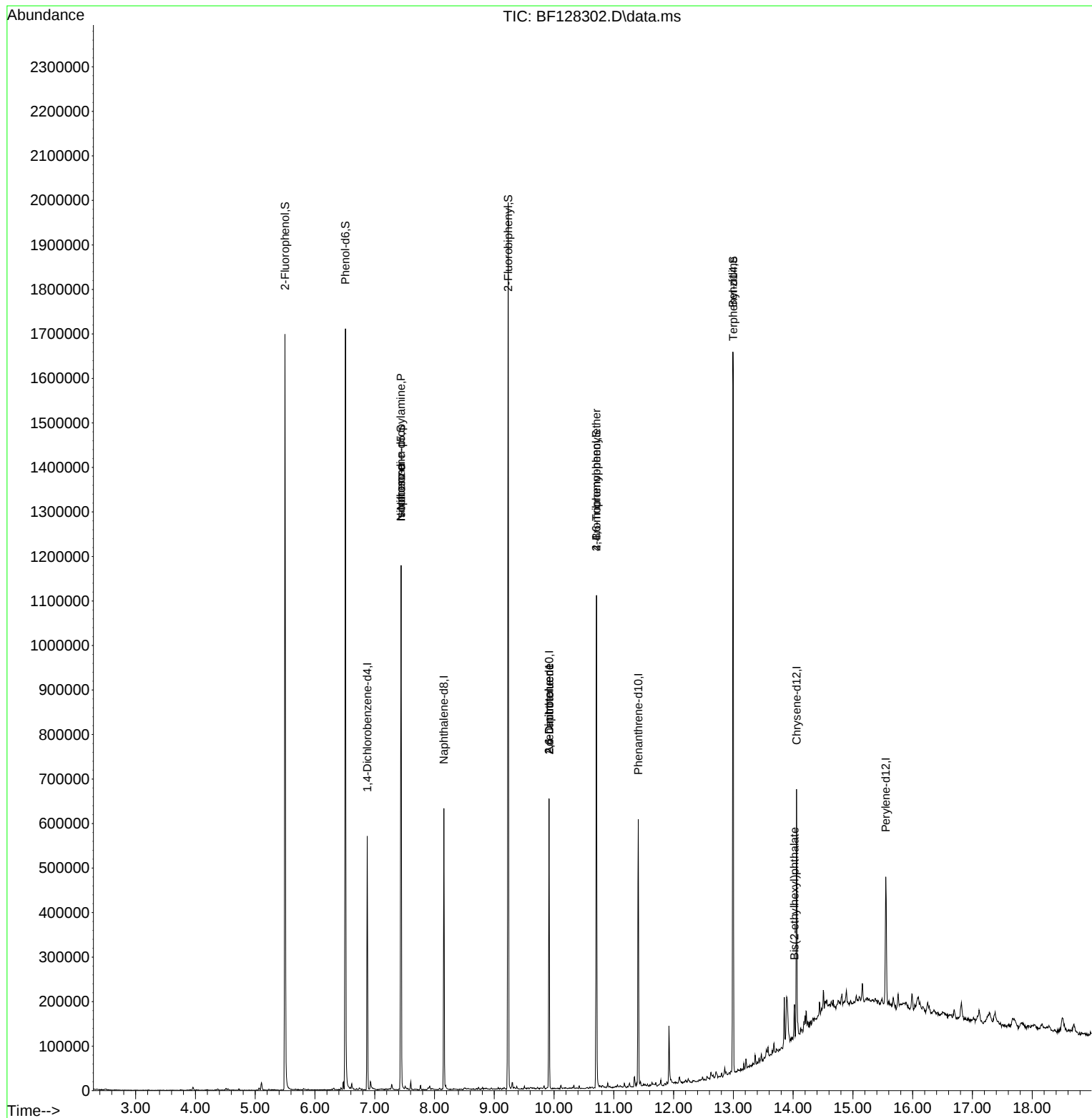
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	67947	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	240539	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	118715	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	202752	20.000	ng	0.00
76) Chrysene-d12	14.057	240	182310	20.000	ng	0.00
86) Perylene-d12	15.551	264	113451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	403994	94.783	ng	0.00
7) Phenol-d6	6.510	99	504216	89.439	ng	0.00
23) Nitrobenzene-d5	7.440	82	364787	68.239	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	118666	87.157	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	535775	70.616	ng	0.00
79) Terphenyl-d14	12.998	244	561240	57.765	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.434	77	1210	Below Cal	#	75
19) n-Nitroso-di-n-propyla...	7.440	70	49975	14.395	ng	# 81
25) Isophorone	7.440	82	364783	43.526	ng	# 68
51) 2,6-Dinitrotoluene	9.916	165	15448	9.192	ng	# 21
57) 2,4-Dinitrotoluene	9.916	165	15448	6.875	ng	# 26
67) 4-Bromophenyl-phenylether	10.710	248	7214	3.307	ng	# 1
77) Benzidine	12.992	184	8940	2.264	ng	# 95
84) Bis(2-ethylhexyl)phtha...	14.021	149	19662	2.648	ng	# 98

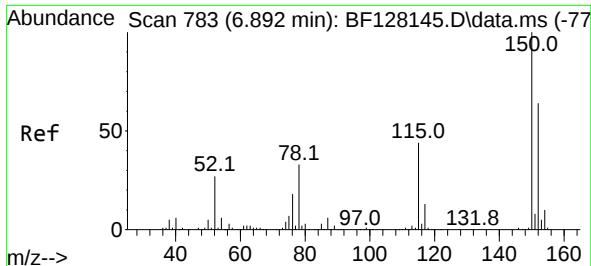
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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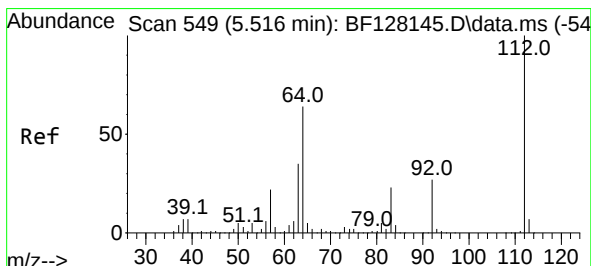
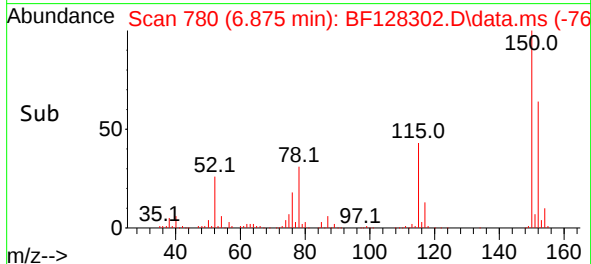
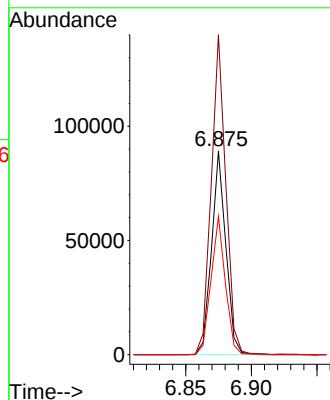
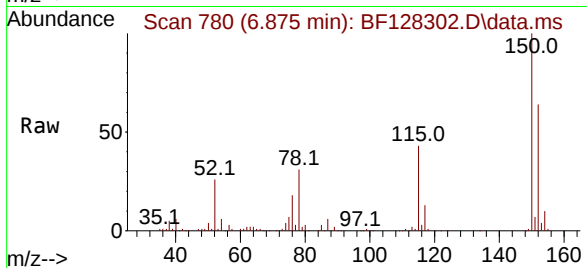




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128302.D
Acq: 17 May 2022 20:40

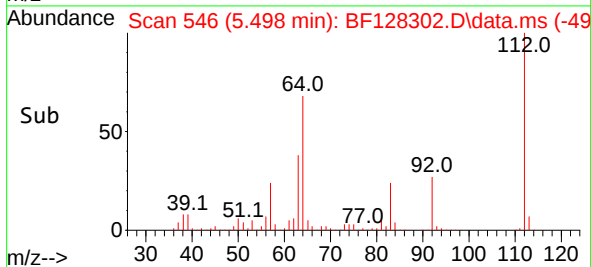
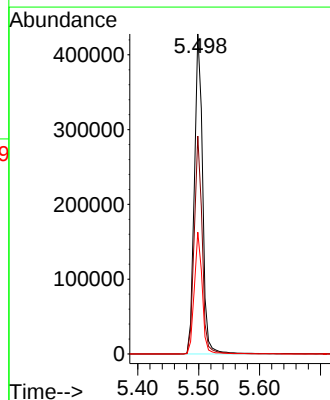
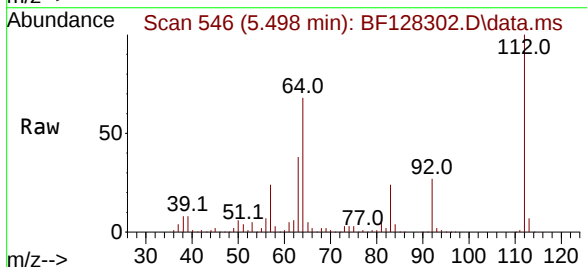
Instrument :
BNA_F
ClientSampleId :
P003-SS005-0006-01

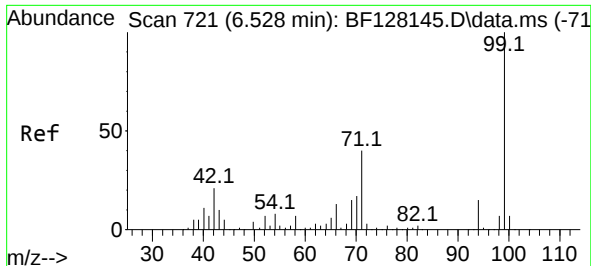
Tgt Ion:152 Resp: 67947
Ion Ratio Lower Upper
152 100
150 157.0 125.3 187.9
115 67.8 48.8 73.2



#5
2-Fluorophenol
Concen: 94.783 ng
RT: 5.498 min Scan# 546
Delta R.T. 0.000 min
Lab File: BF128302.D
Acq: 17 May 2022 20:40

Tgt Ion:112 Resp: 403994
Ion Ratio Lower Upper
112 100
64 68.1 49.5 74.3
63 38.0 26.3 39.5

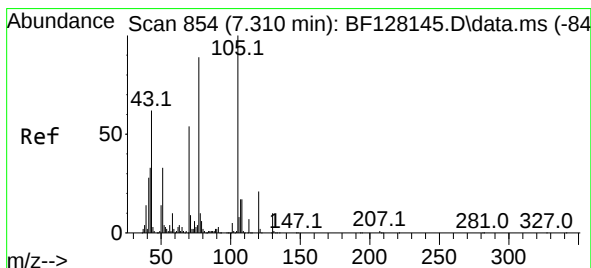
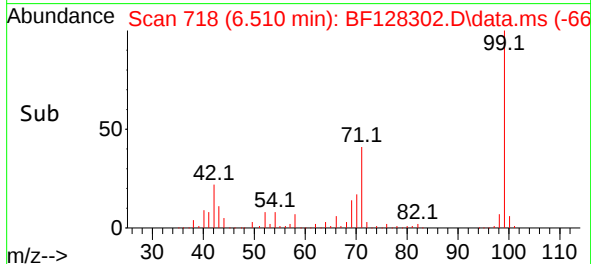
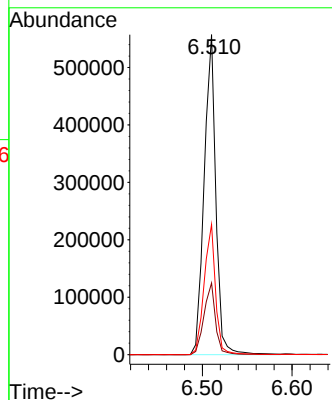
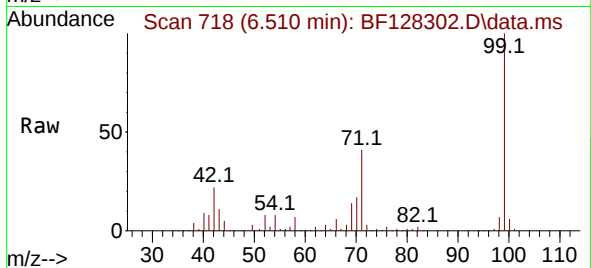




#7
Phenol-d6
Concen: 89.439 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128302.D
Acq: 17 May 2022 20:40

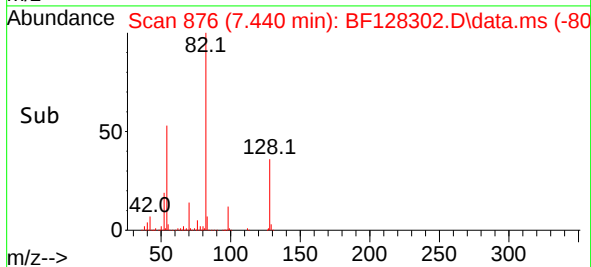
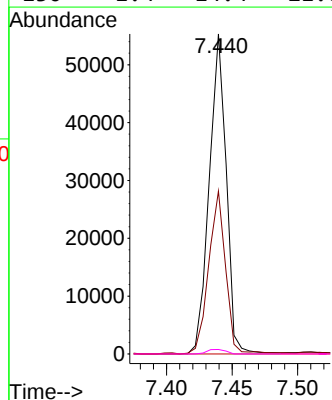
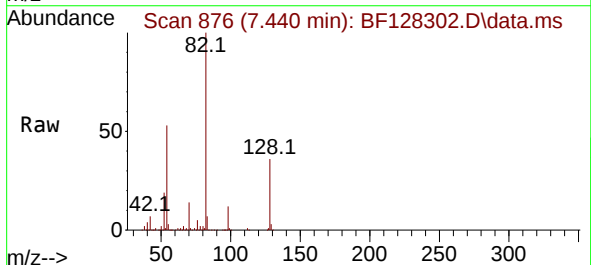
Instrument :
BNA_F
ClientSampleId :
P003-SS005-0006-01

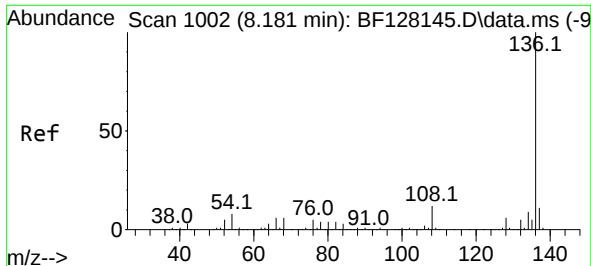
Tgt Ion: 99 Resp: 504216
Ion Ratio Lower Upper
99 100
42 22.4 16.6 24.8
71 40.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.395 ng
RT: 7.440 min Scan# 876
Delta R.T. 0.141 min
Lab File: BF128302.D
Acq: 17 May 2022 20:40

Tgt Ion: 70 Resp: 49975
Ion Ratio Lower Upper
70 100
42 50.9 48.7 73.1
101 0.0 7.2 10.8#
130 1.4 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128302.D

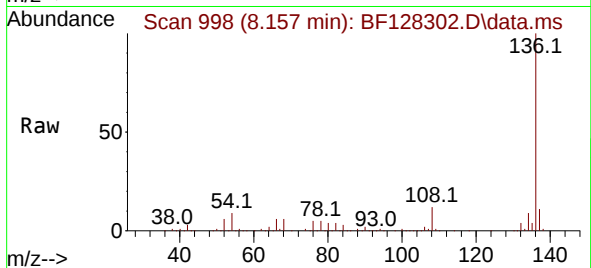
Acq: 17 May 2022 20:40

Instrument :

BNA_F

ClientSampleId :

P003-SS005-0006-01



Tgt Ion:136 Resp: 240539

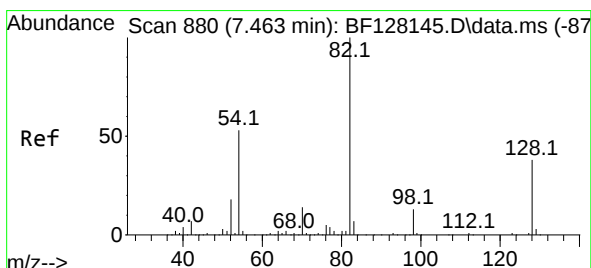
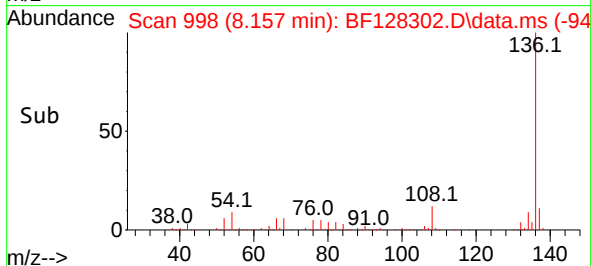
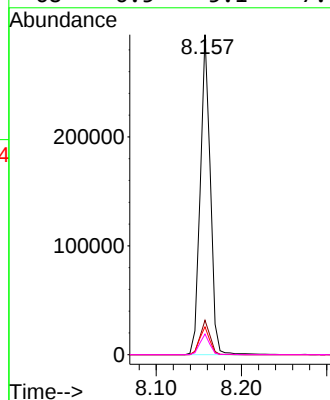
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.7 6.8 10.2

68 6.5 5.1 7.7



#23

Nitrobenzene-d5

Concen: 68.239 ng

RT: 7.440 min Scan# 876

Delta R.T. -0.012 min

Lab File: BF128302.D

Acq: 17 May 2022 20:40

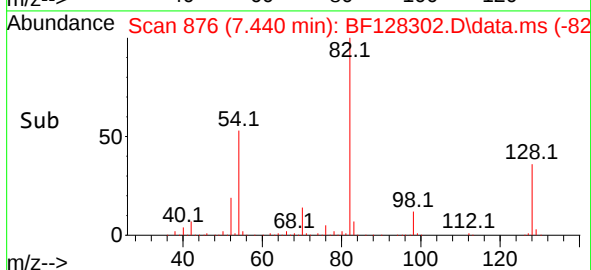
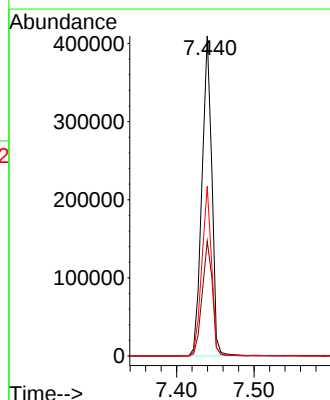
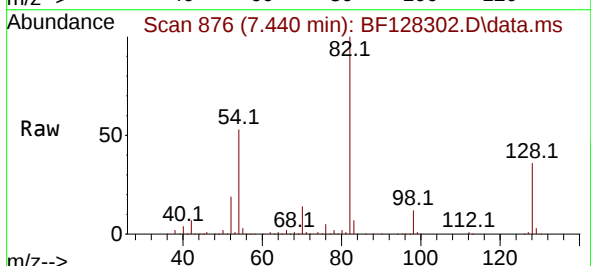
Tgt Ion: 82 Resp: 364787

Ion Ratio Lower Upper

82 100

128 35.9 30.0 45.0

54 53.0 41.3 61.9

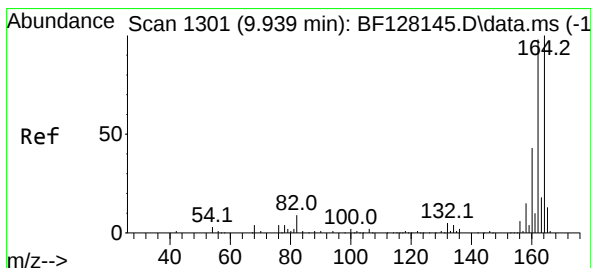
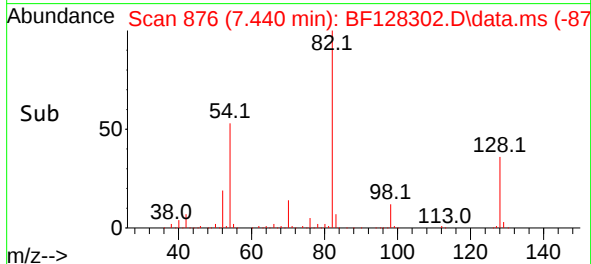
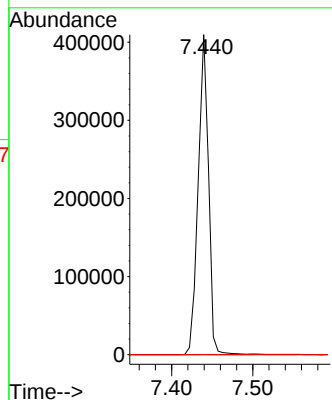
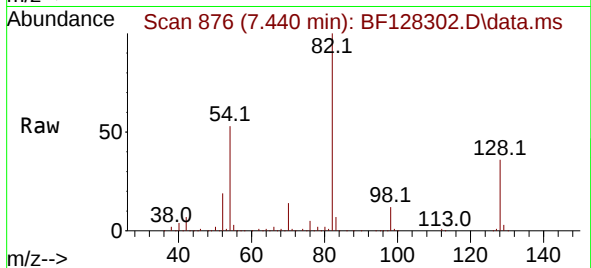




#25
Isophorone
Concen: 43.526 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128302.D
Acq: 17 May 2022 20:40

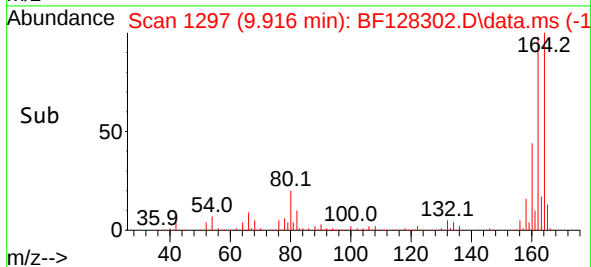
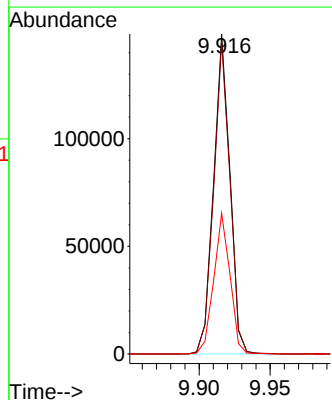
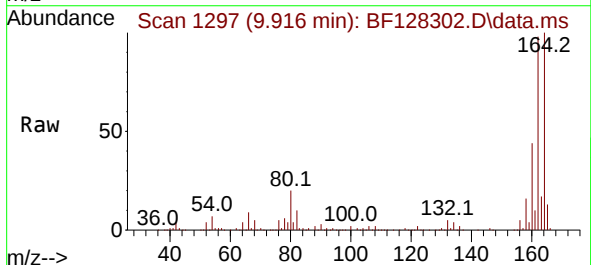
Instrument :
BNA_F
ClientSampleId :
P003-SS005-0006-01

Tgt Ion: 82 Resp: 364783
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF128302.D
Acq: 17 May 2022 20:40

Tgt Ion: 164 Resp: 118715
Ion Ratio Lower Upper
164 100
162 97.7 76.0 114.0
160 43.9 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 87.157 ng

RT: 10.710 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF128302.D

Acq: 17 May 2022 20:40

Instrument :

BNA_F

ClientSampleId :

P003-SS005-0006-01

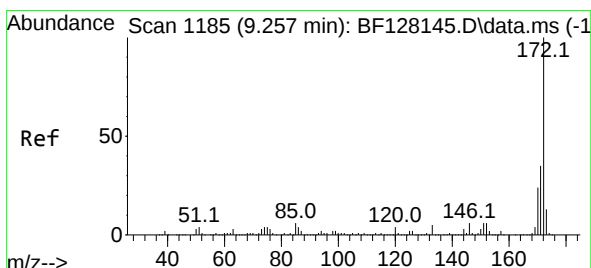
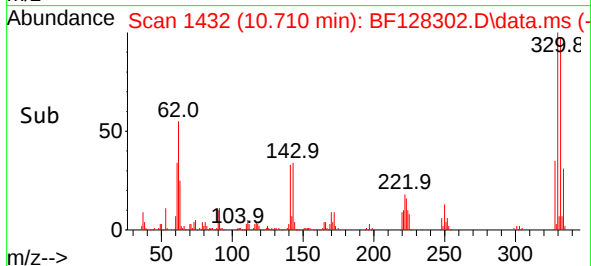
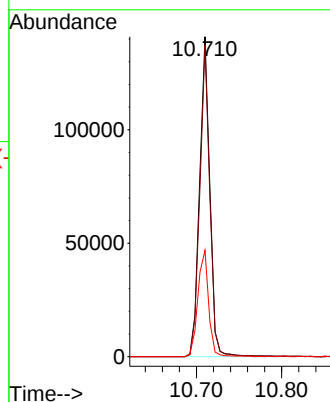
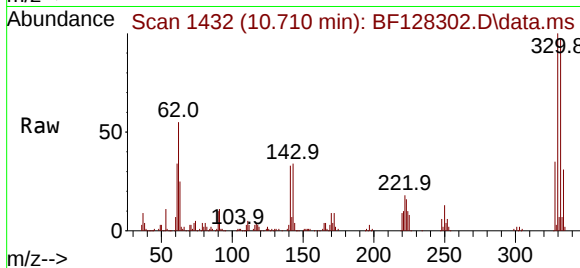
Tgt Ion:330 Resp: 118666

Ion Ratio Lower Upper

330 100

332 95.1 79.0 118.4

141 34.8 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 70.616 ng

RT: 9.234 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF128302.D

Acq: 17 May 2022 20:40

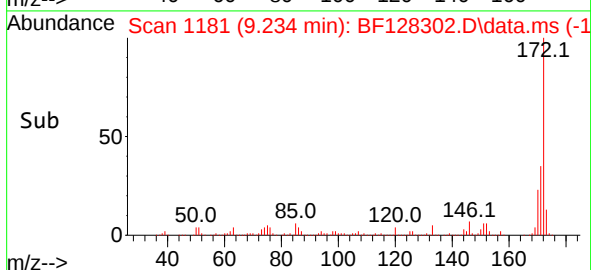
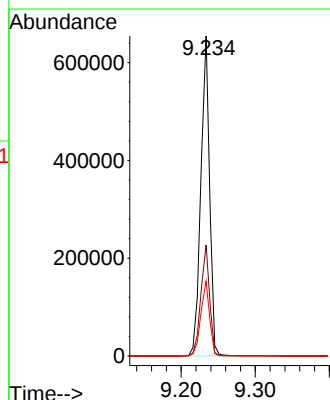
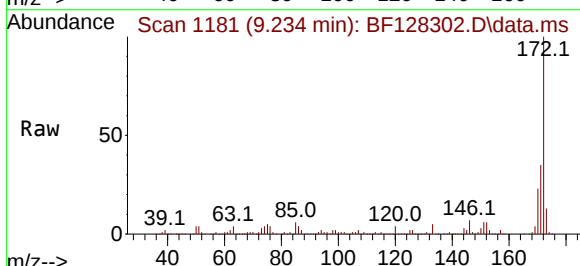
Tgt Ion:172 Resp: 535775

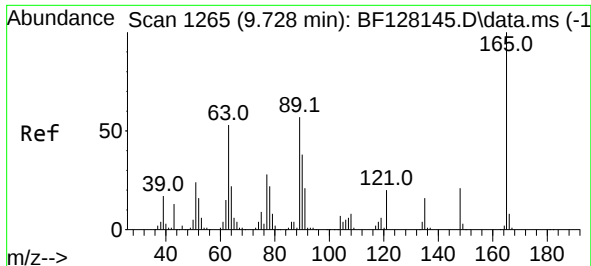
Ion Ratio Lower Upper

172 100

171 34.7 28.6 42.8

170 23.4 19.1 28.7

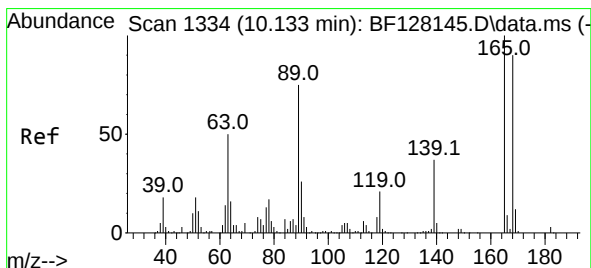
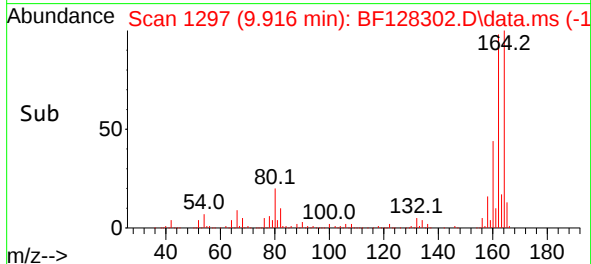
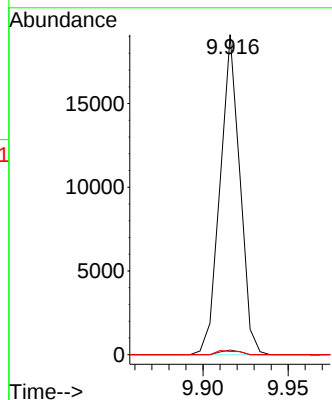
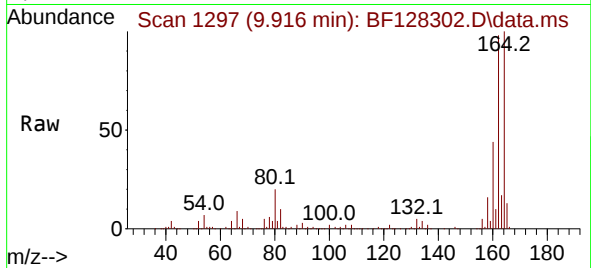




#51
2,6-Dinitrotoluene
Concen: 9.192 ng
RT: 9.916 min Scan# 1297
Delta R.T. 0.206 min
Lab File: BF128302.D
Acq: 17 May 2022 20:40

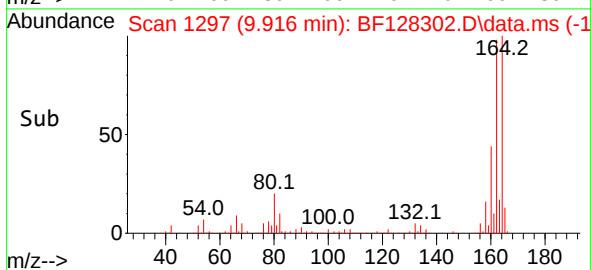
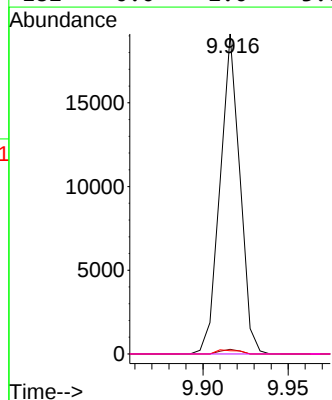
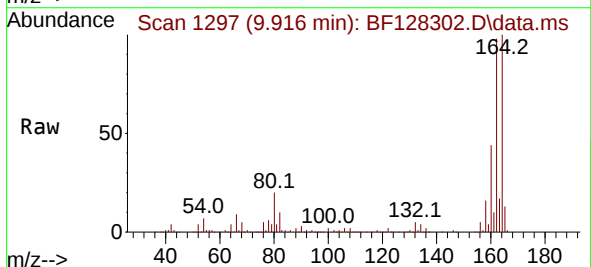
Instrument :
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P003-SS005-0006-01

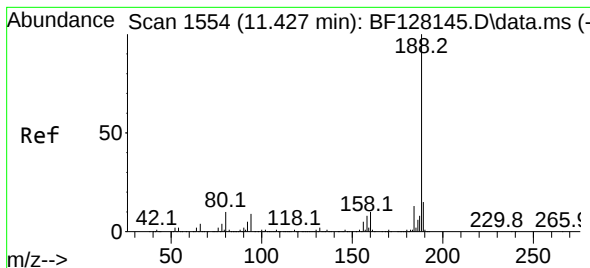
Tgt Ion:165 Resp: 15448
Ion Ratio Lower Upper
165 100
63 1.5 49.5 74.3#
89 1.0 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.875 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.206 min
Lab File: BF128302.D
Acq: 17 May 2022 20:40

Tgt Ion:165 Resp: 15448
Ion Ratio Lower Upper
165 100
63 1.5 32.6 49.0#
89 1.0 55.2 82.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128302.D

Acq: 17 May 2022 20:40

Instrument :

BNA_F

ClientSampleId :

P003-SS005-0006-01

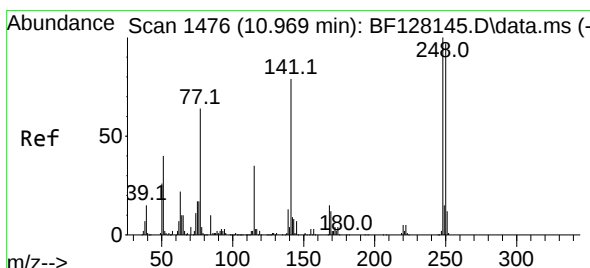
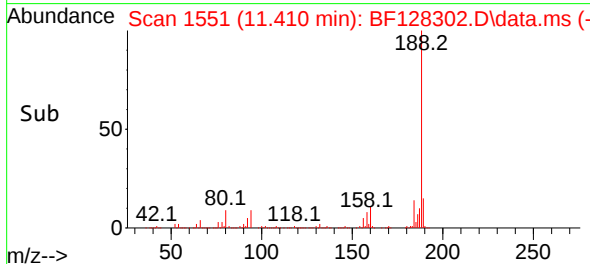
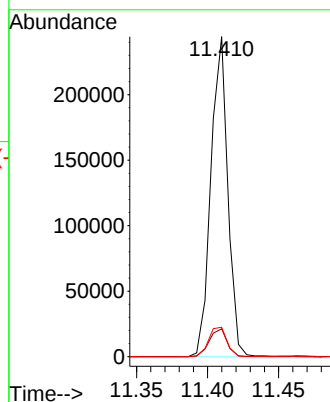
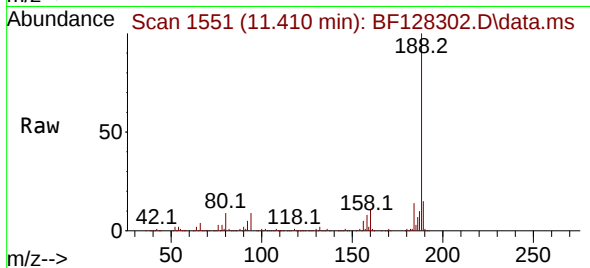
Tgt Ion:188 Resp: 202752

Ion Ratio Lower Upper

188 100

94 8.7 8.0 12.0

80 9.2 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 3.307 ng

RT: 10.710 min Scan# 1432

Delta R.T. -0.247 min

Lab File: BF128302.D

Acq: 17 May 2022 20:40

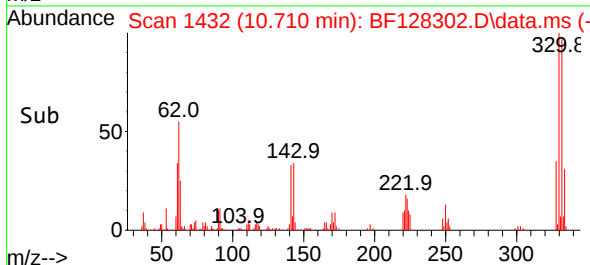
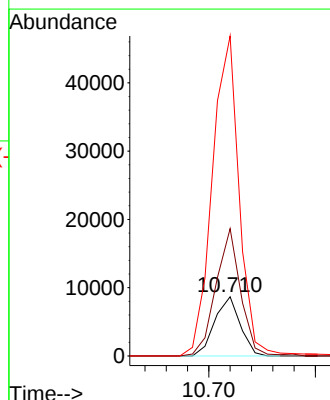
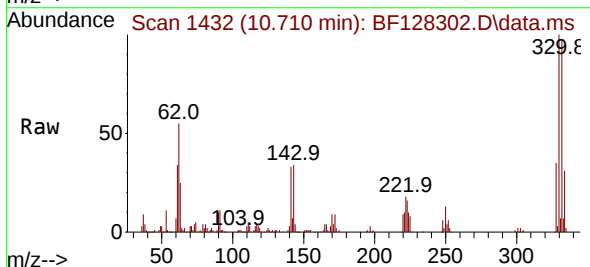
Tgt Ion:248 Resp: 7214

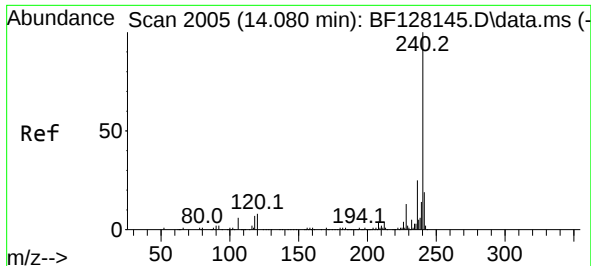
Ion Ratio Lower Upper

248 100

250 215.0 77.7 116.5#

141 539.9 65.6 98.4#

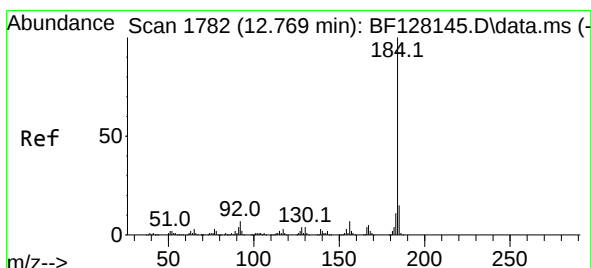
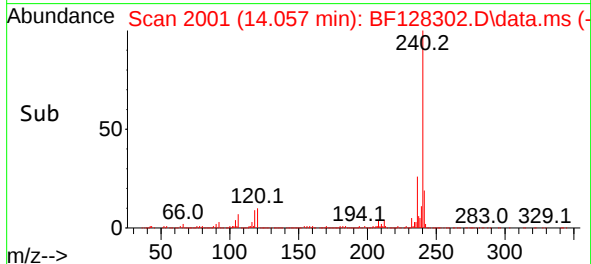
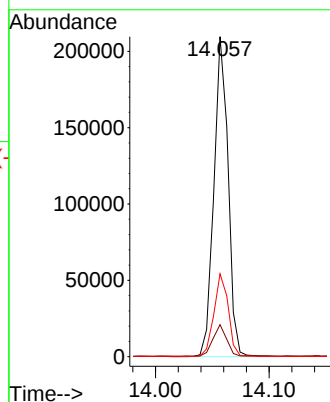
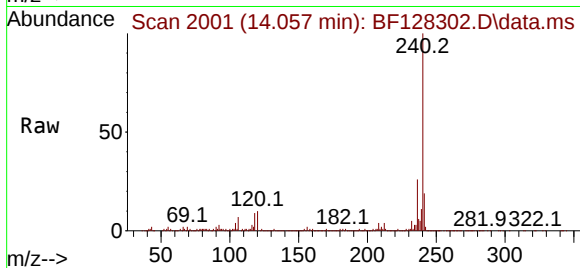




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF128302.D
Acq: 17 May 2022 20:40

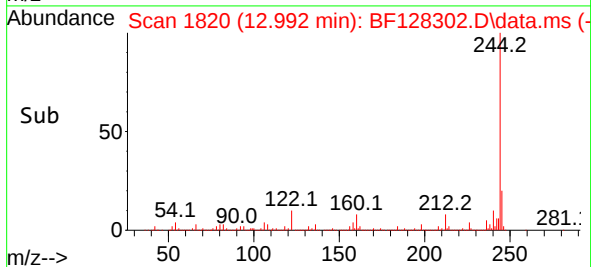
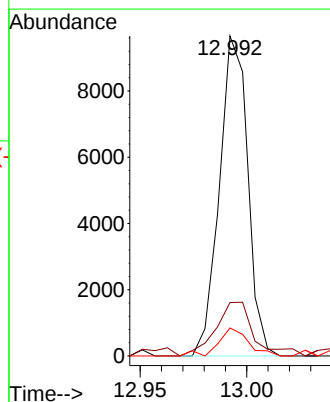
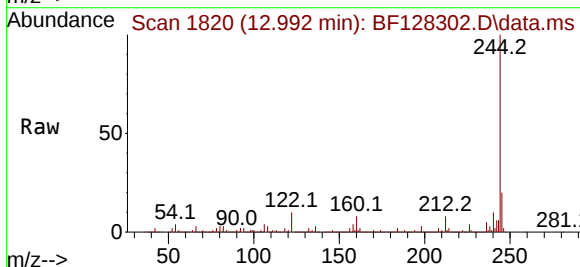
Instrument :
BNA_F
ClientSampleId :
P003-SS005-0006-01

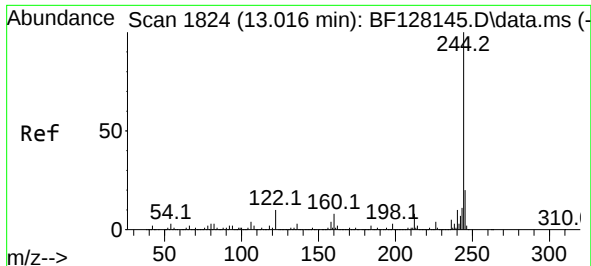
Tgt Ion:240 Resp: 182310
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.6
236 25.9 20.3 30.5



#77
Benzidine
Concen: 2.264 ng
RT: 12.992 min Scan# 1820
Delta R.T. 0.241 min
Lab File: BF128302.D
Acq: 17 May 2022 20:40

Tgt Ion:184 Resp: 8940
Ion Ratio Lower Upper
184 100
185 16.7 12.1 18.1
183 8.8 9.0 13.4#

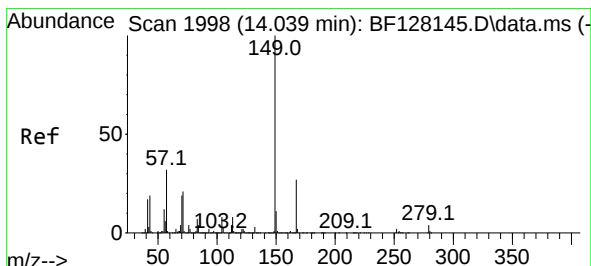
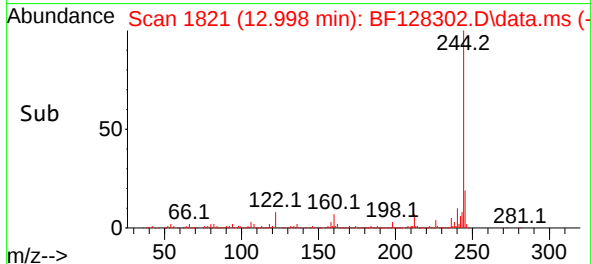
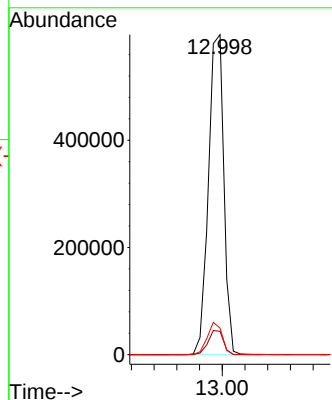
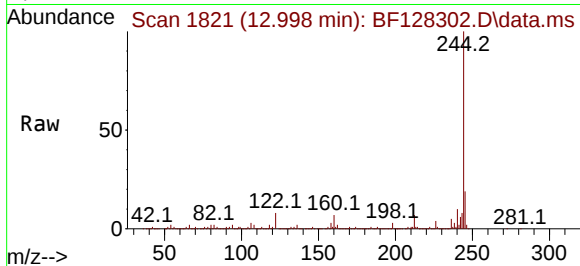




#79
 Terphenyl-d14
 Concen: 57.765 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128302.D
 Acq: 17 May 2022 20:40

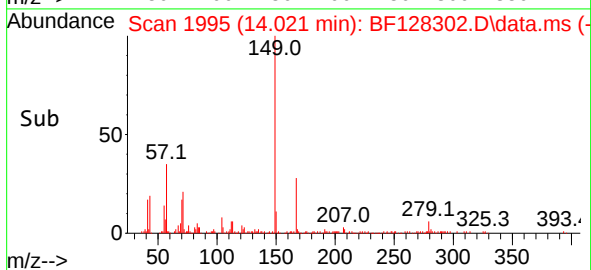
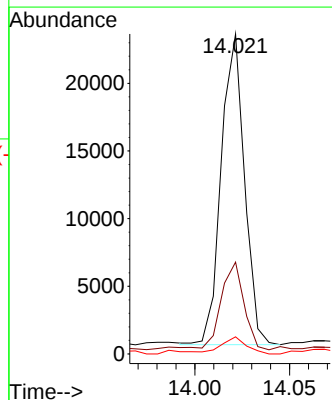
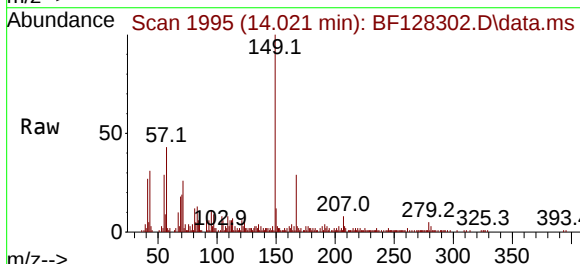
Instrument :
 BNA_F
 ClientSampleId :
 P003-SS005-0006-01

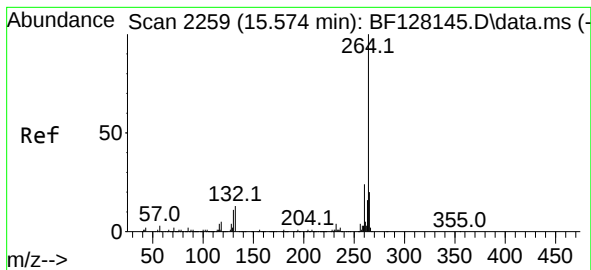
Tgt Ion:244 Resp: 561240
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 8.3 8.6 12.8#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.648 ng
 RT: 14.021 min Scan# 1995
 Delta R.T. 0.000 min
 Lab File: BF128302.D
 Acq: 17 May 2022 20:40

Tgt Ion:149 Resp: 19662
 Ion Ratio Lower Upper
 149 100
 167 28.7 22.0 33.0
 279 5.3 3.4 5.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128302.D

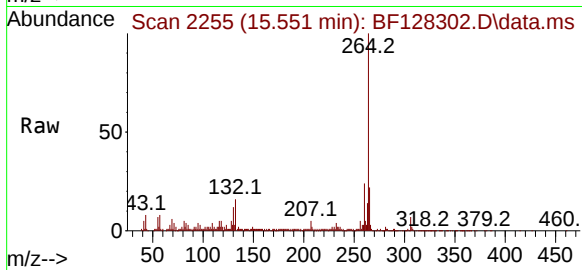
Acq: 17 May 2022 20:40

Instrument :

BNA_F

ClientSampleId :

P003-SS005-0006-01



Tgt Ion:264 Resp: 113451

Ion Ratio Lower Upper

264 100

260 23.7 20.1 30.1

265 22.0 17.5 26.3

