

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
 Data File : BF123600.D
 Acq On : 16 Apr 2021 19:40
 Operator : JU/CG
 Sample : M2016-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOTE-1750

Quant Time: Apr 17 01:25:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 10:31:33 2021
 Response via : Initial Calibration

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

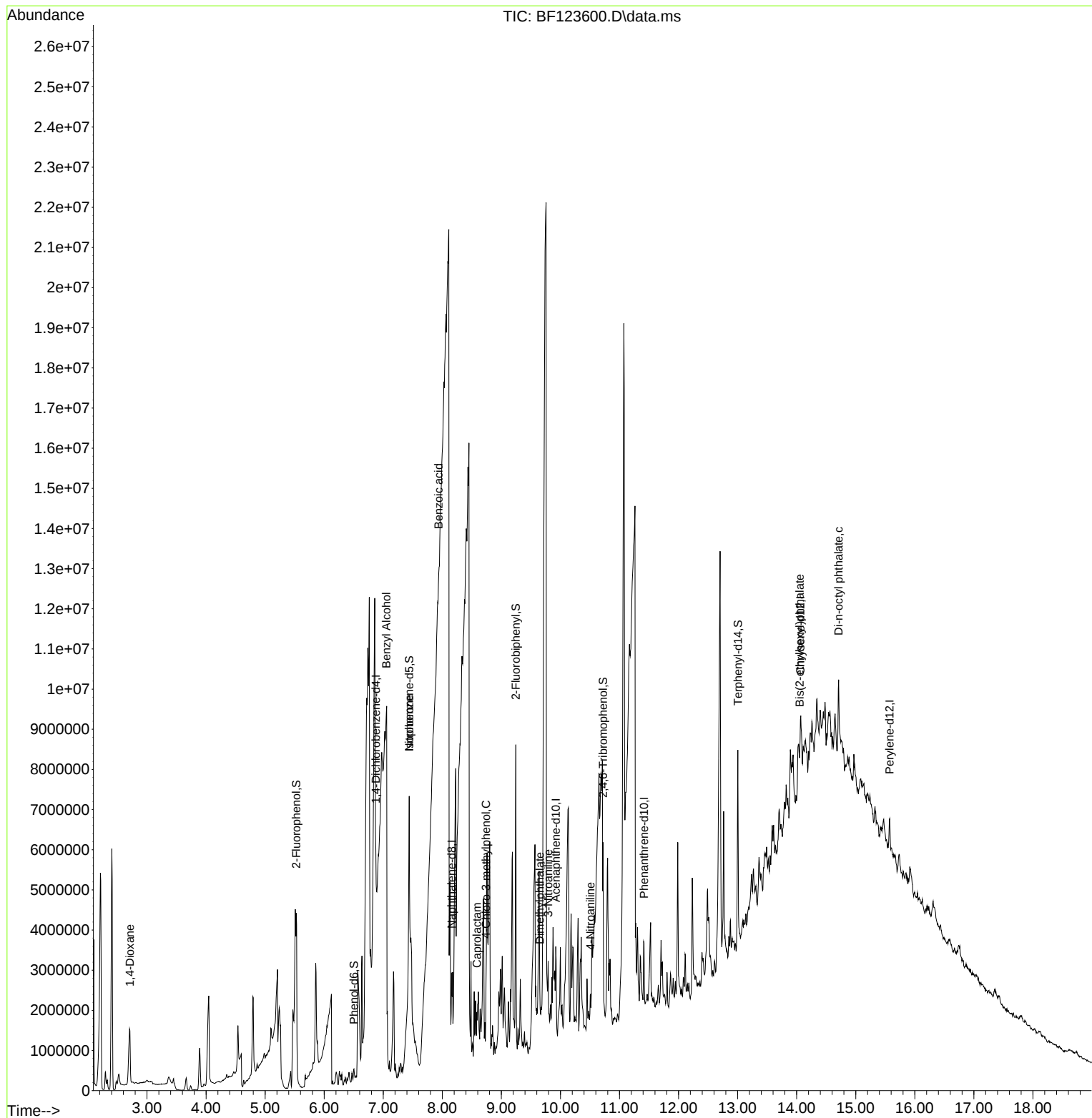
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	192467	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	790239	20.00	ng	# 0.00
39) Acenaphthene-d10	9.922	164	340671	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	536322	20.00	ng	# 0.01
76) Chrysene-d12	14.063	240	361405	20.00	ng	# 0.00
86) Perylene-d12	15.574	264	392220	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1484050	124.62	ng	0.05
7) Phenol-d6	6.504	99	140431	8.51	ng	0.00
23) Nitrobenzene-d5	7.439	82	1400792	81.49	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	455039	117.95	ng	0.01
45) 2-Fluorobiphenyl	9.245	172	2086107	91.28	ng	0.00
79) Terphenyl-d14	13.004	244	1388220	74.66	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	81695	13.13	ng	# 1
15) Benzyl Alcohol	7.051	79	94472	7.26	ng	96
25) Isophorone	7.439	82	1400563	42.00	ng	# 71
32) Benzoic acid	7.939	122	4494	5.08	ng	# 1
35) Caprolactam	8.586	113	36311	9.36	ng	# 1
36) 4-Chloro-3-methylphenol	8.739	107	37824	2.62	ng	98
50) Dimethylphthalate	9.651	163	201807	8.57	ng	97
53) 3-Nitroaniline	9.792	138	72676	12.13	ng	# 5
62) 4-Nitroaniline	10.510	138	137613	22.74	ng	# 21
84) Bis(2-ethylhexyl)phtha...	14.051	149	102877	6.24	ng	# 85
85) Di-n-octyl phthalate	14.710	149	104635	3.94	ng	# 1
89) Benzo(k)fluoranthene	15.168	252	754	Below Cal		# 1
92) Benzo(g,h,i)perylene	17.515	276	6336	Below Cal		# 1

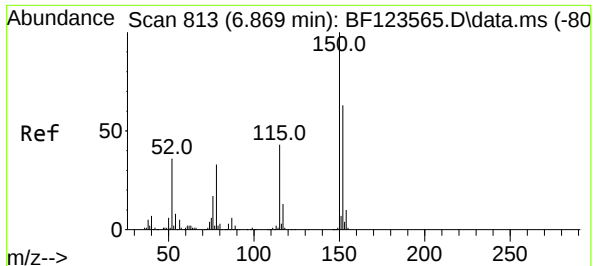
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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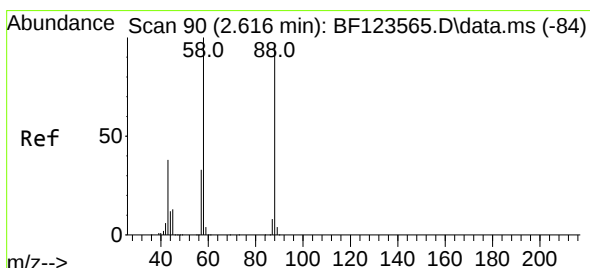
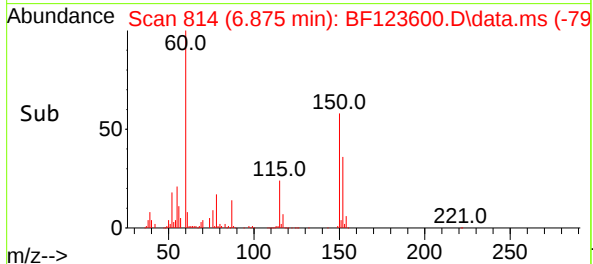
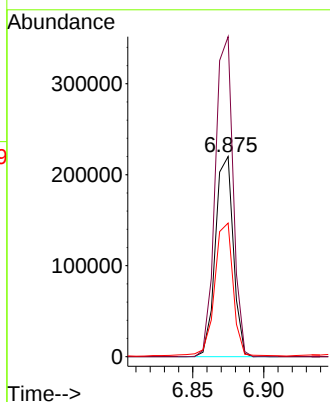
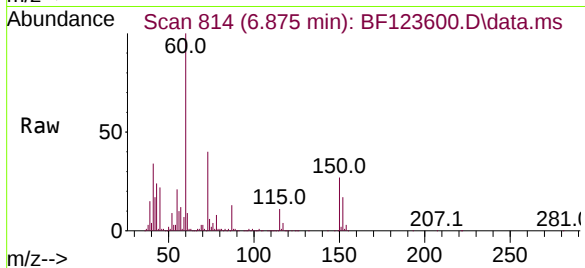




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF123600.D
Acq: 16 Apr 2021 19:40

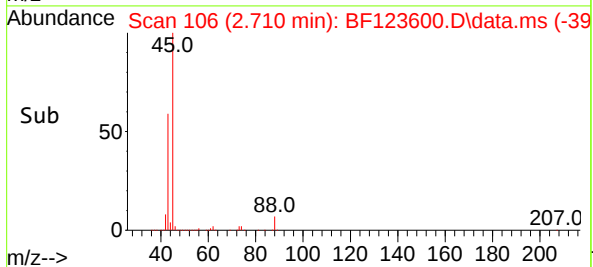
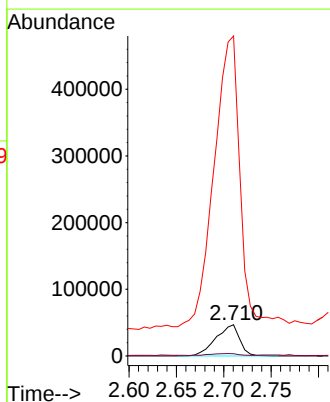
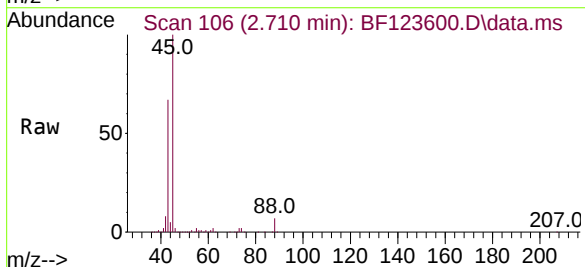
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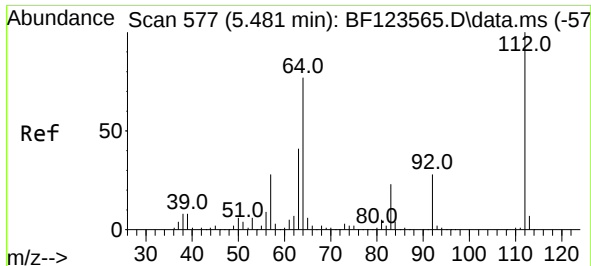
Tgt Ion:152 Resp: 192467
Ion Ratio Lower Upper
152 100
150 159.8 127.0 190.6
115 66.8 54.3 81.5



#2
1,4-Dioxane
Concen: 13.13 ng
RT: 2.710 min Scan# 106
Delta R.T. 0.094 min
Lab File: BF123600.D
Acq: 16 Apr 2021 19:40

Tgt Ion: 88 Resp: 81695
Ion Ratio Lower Upper
88 100
58 7.5 83.8 125.8#
43 1035.1 32.2 48.4#

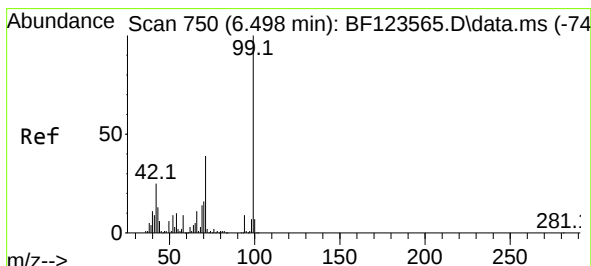
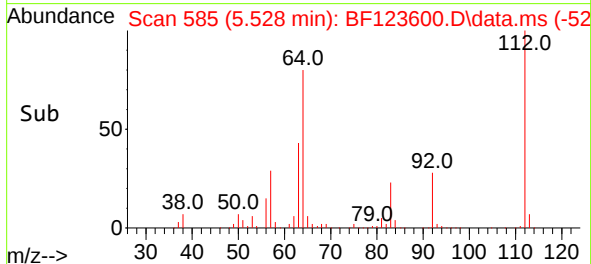
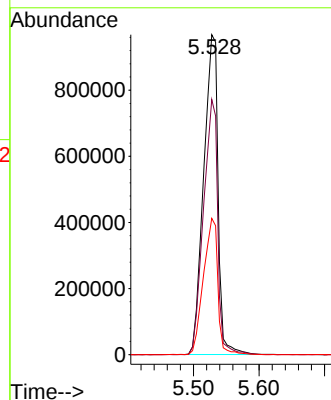
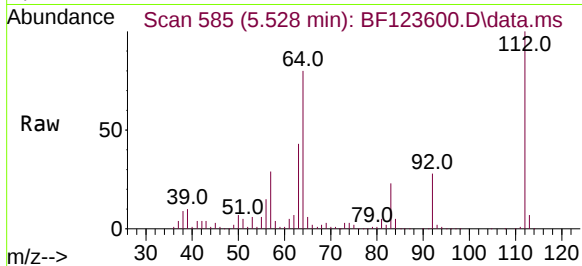




#5
2-Fluorophenol
Concen: 124.62 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.047 min
Lab File: BF123600.D
Acq: 16 Apr 2021 19:40

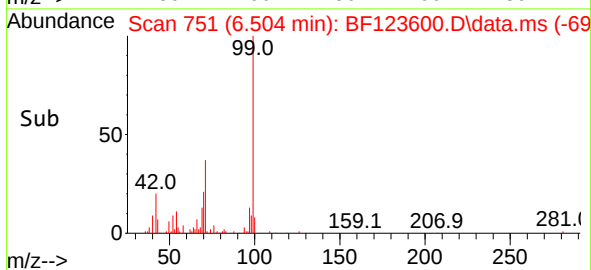
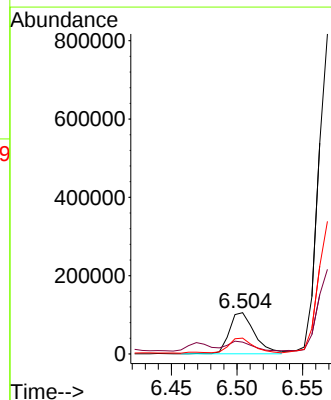
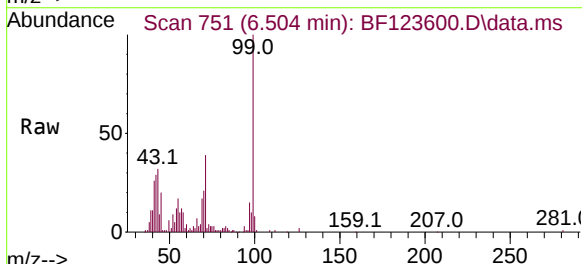
Instrument :
BNA_F
ClientSampleId :
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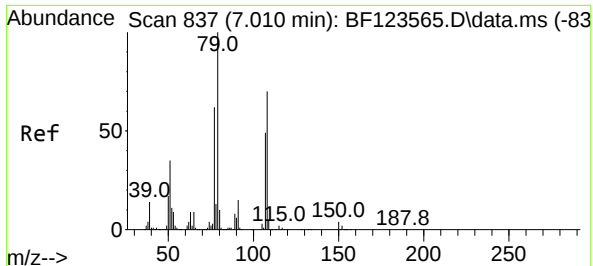
Tgt Ion:112 Resp: 1484050
Ion Ratio Lower Upper
112 100
64 79.8 61.4 92.0
63 42.6 33.0 49.4



#7
Phenol-d6
Concen: 8.51 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF123600.D
Acq: 16 Apr 2021 19:40

Tgt Ion: 99 Resp: 140431
Ion Ratio Lower Upper
99 100
42 28.9 19.8 29.8
71 38.5 31.1 46.7

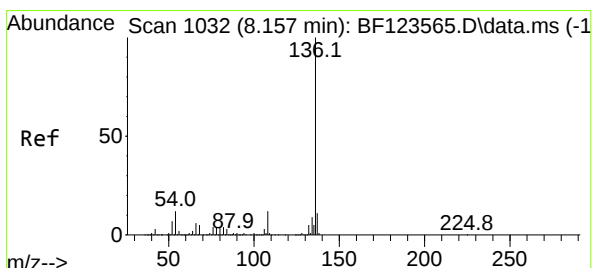
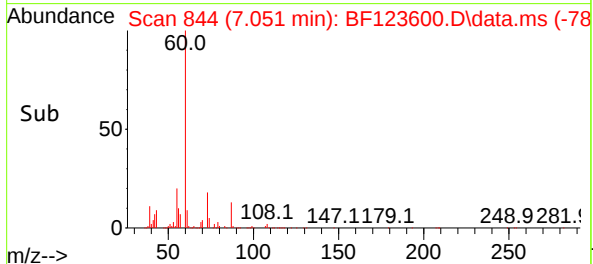
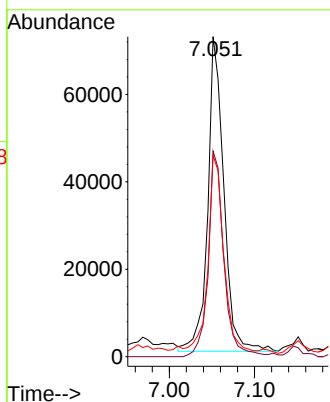
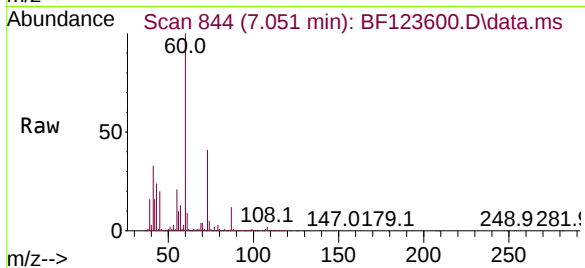




#15
Benzyl Alcohol
Concen: 7.26 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.041 min
Lab File: BF123600.D
Acq: 16 Apr 2021 19:40

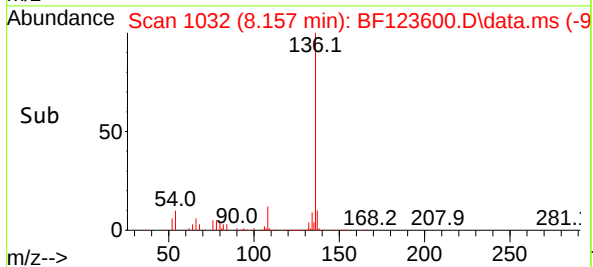
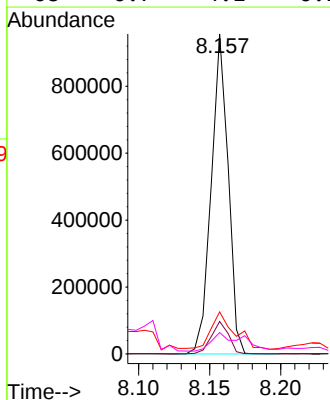
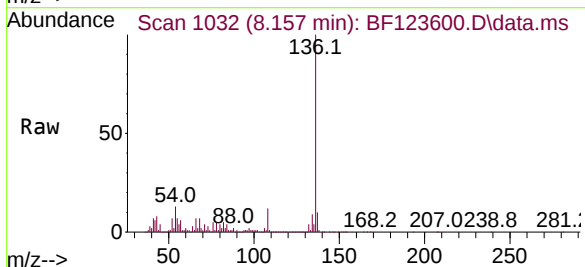
Instrument :
BNA_F
ClientSampleId :
TOTE-1750

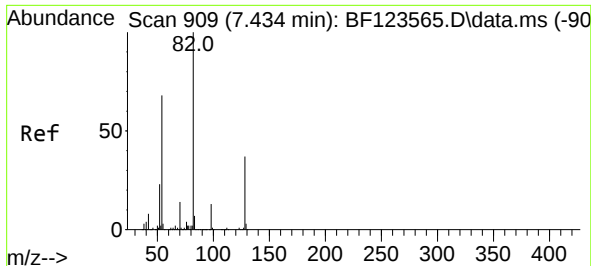
Tgt Ion: 79 Resp: 94472
Ion Ratio Lower Upper
79 100
108 64.3 55.8 83.8
77 62.9 49.9 74.9



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF123600.D
Acq: 16 Apr 2021 19:40

Tgt Ion:136 Resp: 790239
Ion Ratio Lower Upper
136 100
137 10.1 8.7 13.1
54 13.2 9.8 14.6
68 6.7 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 81.49 ng

RT: 7.439 min Scan# 910

Delta R.T. 0.006 min

Lab File: BF123600.D

Acq: 16 Apr 2021 19:40

Instrument :

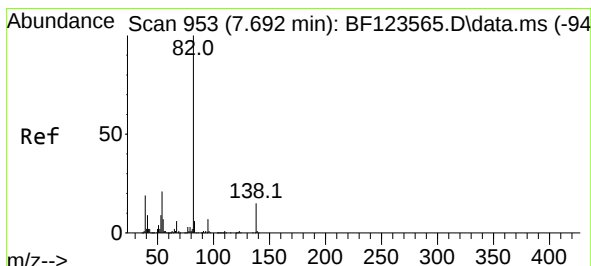
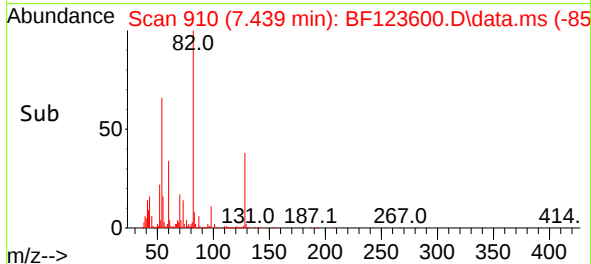
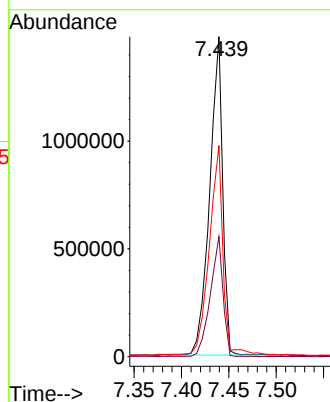
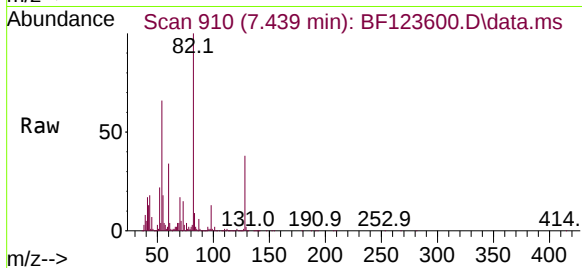
BNA_F

ClientSampleId :

TOTE-1750

Tgt Ion: 82 Resp: 1400792

Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.4	44.2
54	66.0	54.1	81.1



#25

Isophorone

Concen: 42.00 ng

RT: 7.439 min Scan# 910

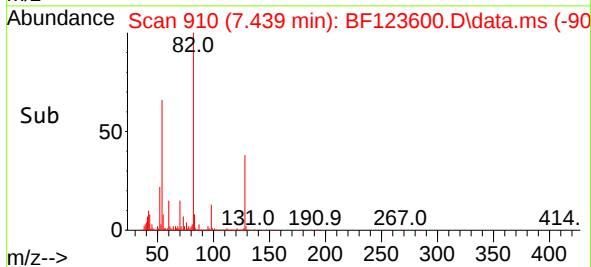
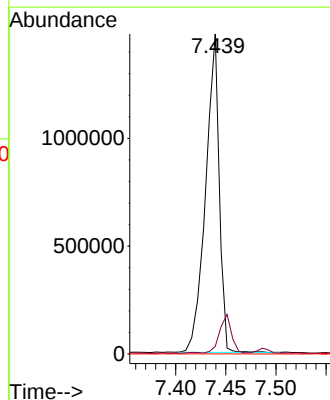
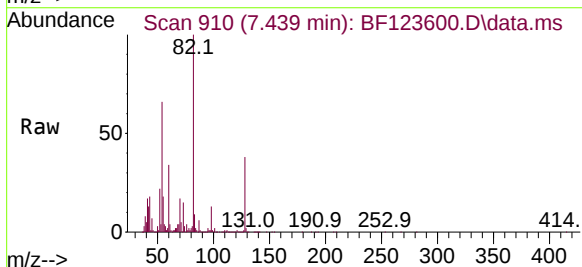
Delta R.T. -0.253 min

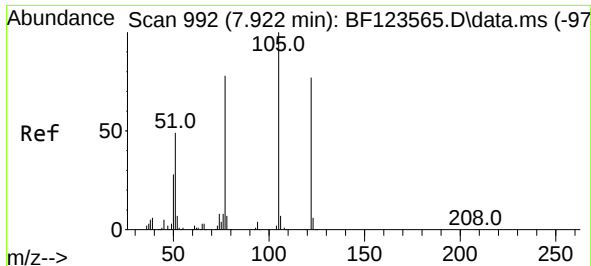
Lab File: BF123600.D

Acq: 16 Apr 2021 19:40

Tgt Ion: 82 Resp: 1400563

Ion	Ratio	Lower	Upper
82	100		
95	2.4	5.8	8.6#
138	0.0	11.8	17.8#

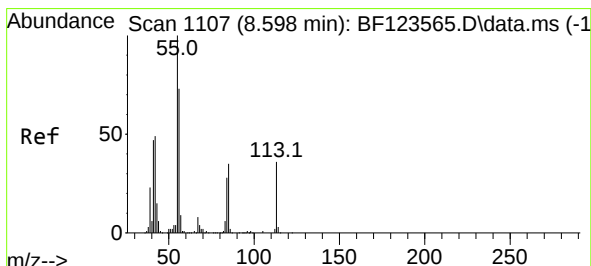
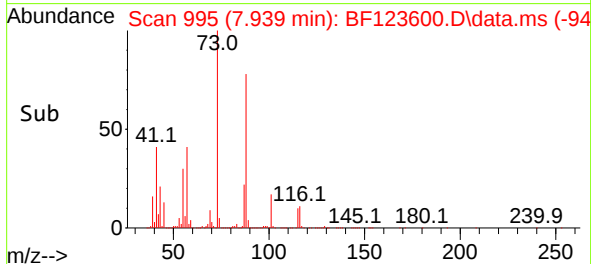
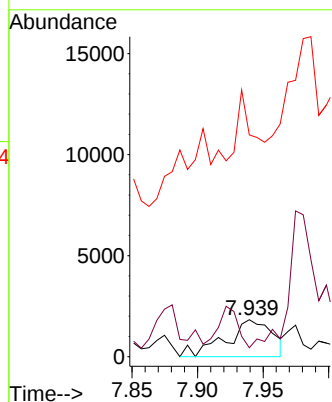
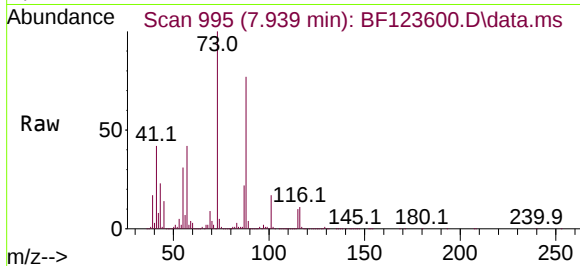




#32
Benzoic acid
Concen: 5.08 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.018 min
Lab File: BF123600.D
Acq: 16 Apr 2021 19:40

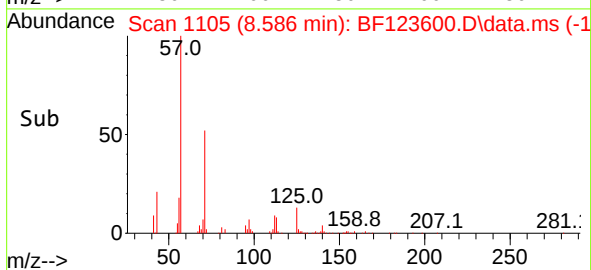
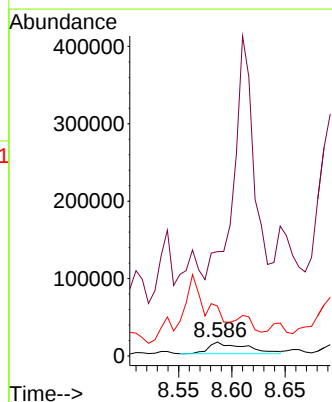
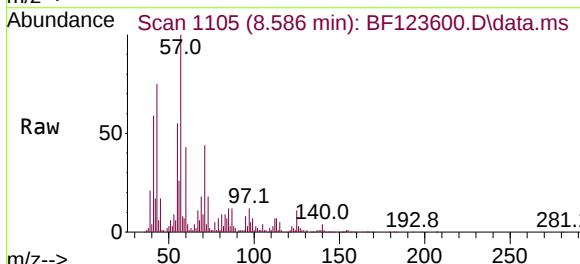
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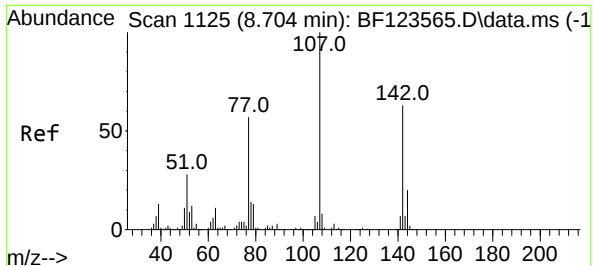
Tgt Ion:122 Resp: 4494
Ion Ratio Lower Upper
122 100
105 24.3 107.8 147.8#
77 598.8 81.6 121.6#



#35
Caprolactam
Concen: 9.36 ng
RT: 8.586 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BF123600.D
Acq: 16 Apr 2021 19:40

Tgt Ion:113 Resp: 36311
Ion Ratio Lower Upper
113 100
55 749.5 254.9 294.9#
56 358.2 179.4 219.4#

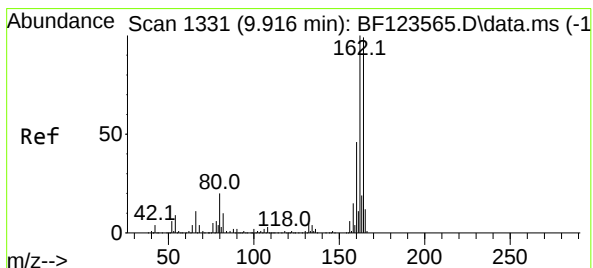
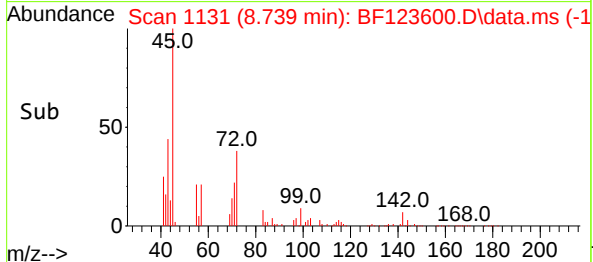
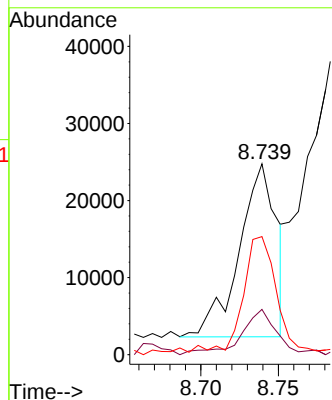
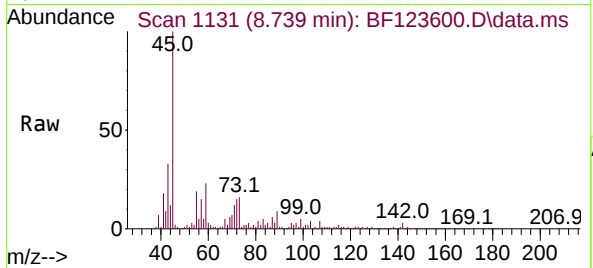




#36
4-Chloro-3-methylphenol
Concen: 2.62 ng
RT: 8.739 min Scan# 1131
Delta R.T. 0.035 min
Lab File: BF123600.D
Acq: 16 Apr 2021 19:40

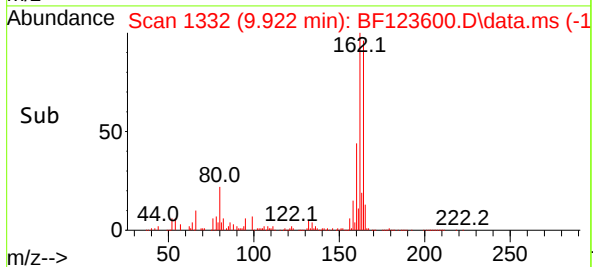
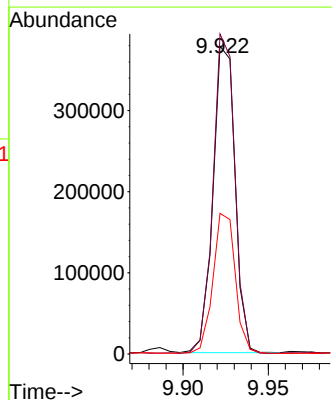
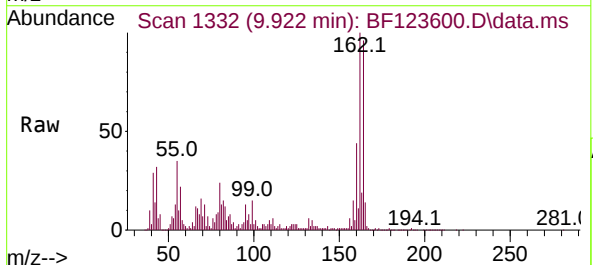
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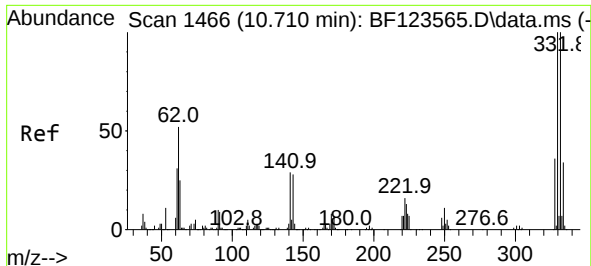
Tgt Ion:107 Resp: 37824
Ion Ratio Lower Upper
107 100
144 23.7 16.3 24.5
142 61.9 50.1 75.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF123600.D
Acq: 16 Apr 2021 19:40

Tgt Ion:164 Resp: 340671
Ion Ratio Lower Upper
164 100
162 103.9 80.7 121.1
160 45.7 37.3 55.9

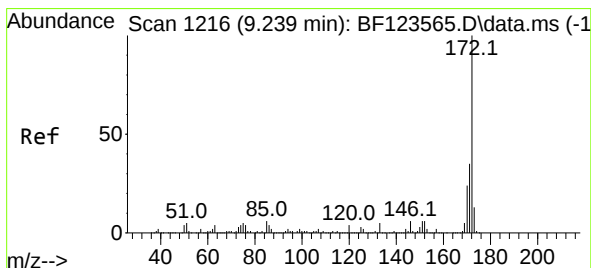
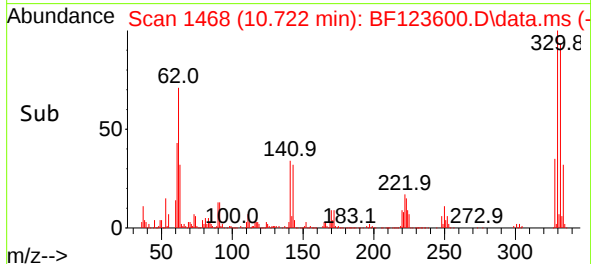
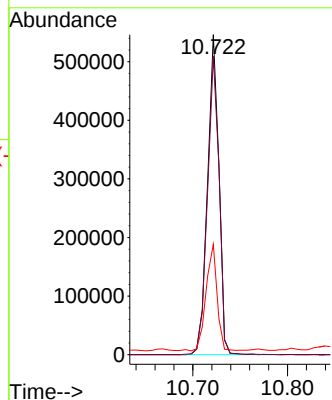
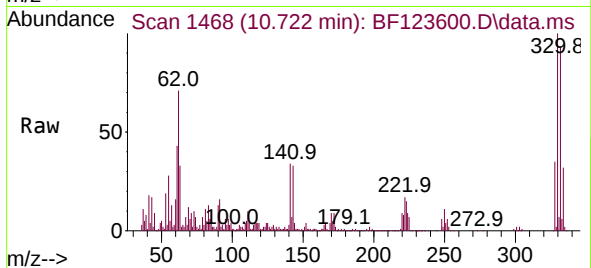




#42
2,4,6-Tribromophenol
Concen: 117.95 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.012 min
Lab File: BF123600.D
Acq: 16 Apr 2021 19:40

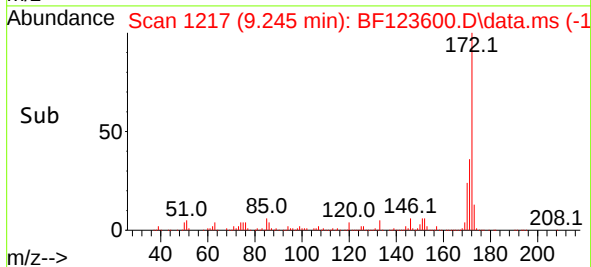
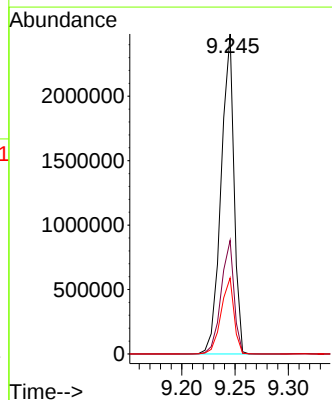
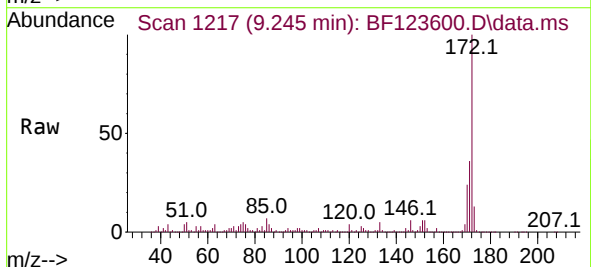
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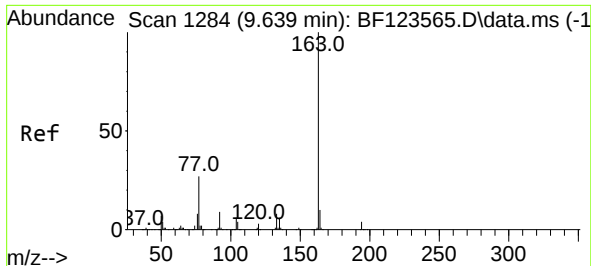
Tgt Ion: 330 Resp: 455039
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 32.0 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 91.28 ng
RT: 9.245 min Scan# 1217
Delta R.T. 0.006 min
Lab File: BF123600.D
Acq: 16 Apr 2021 19:40

Tgt Ion: 172 Resp: 2086107
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.7 19.2 28.8

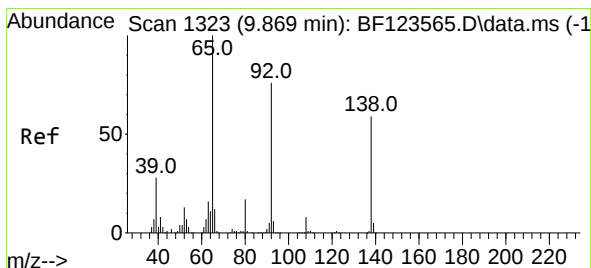
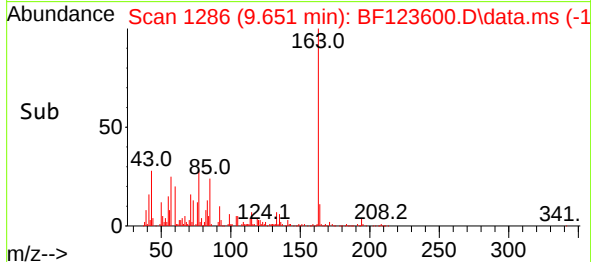
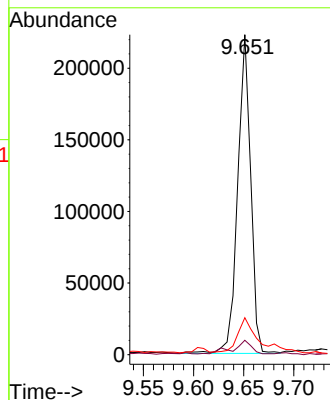
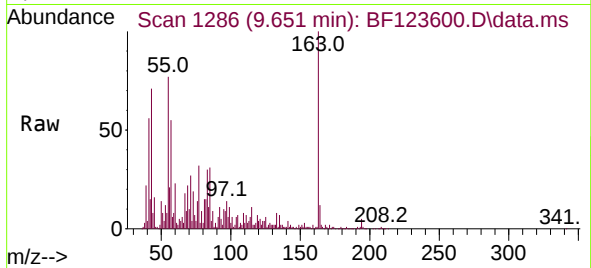




#50
Dimethylphthalate
Concen: 8.57 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.012 min
Lab File: BF123600.D
Acq: 16 Apr 2021 19:40

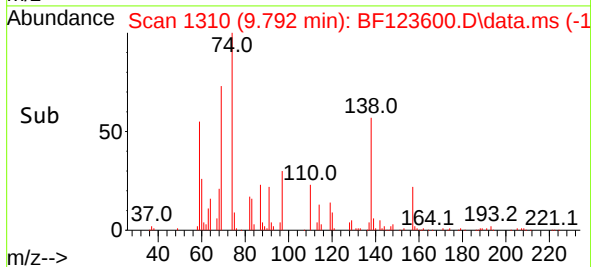
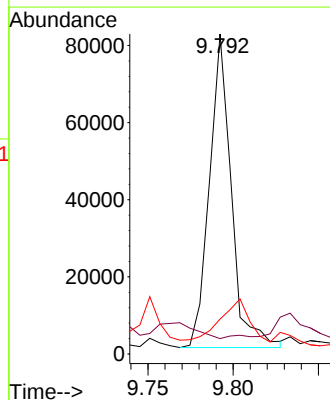
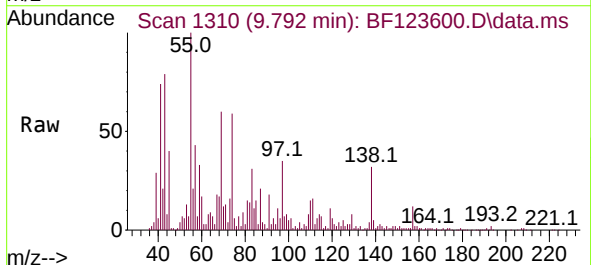
Instrument :
BNA_F
ClientSampleId :
TOTE-1750

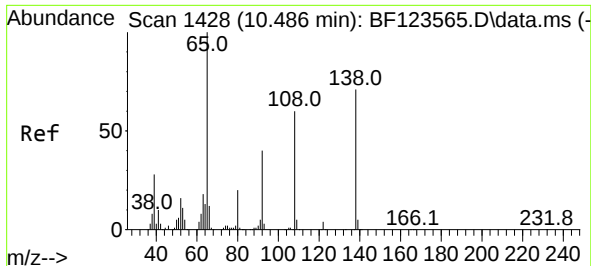
Tgt Ion:163 Resp: 201807
Ion Ratio Lower Upper
163 100
194 4.5 3.1 4.7
164 11.6 8.2 12.2



#53
3-Nitroaniline
Concen: 12.13 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.076 min
Lab File: BF123600.D
Acq: 16 Apr 2021 19:40

Tgt Ion:138 Resp: 72676
Ion Ratio Lower Upper
138 100
108 4.8 10.2 15.4#
92 10.9 103.3 154.9#

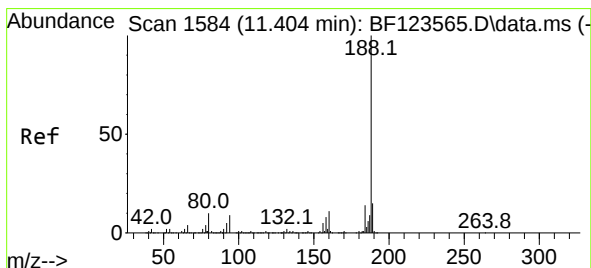
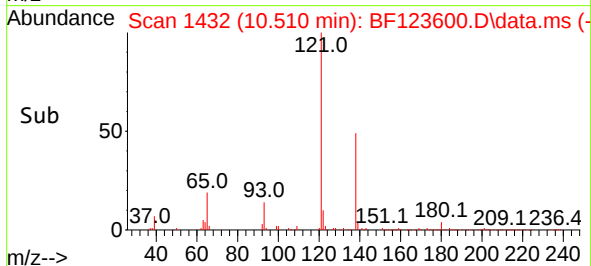
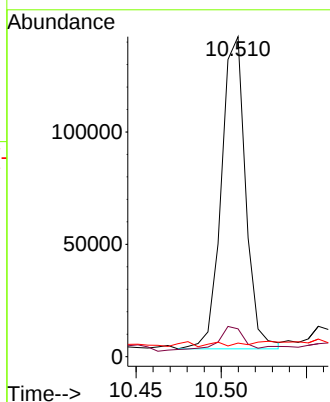
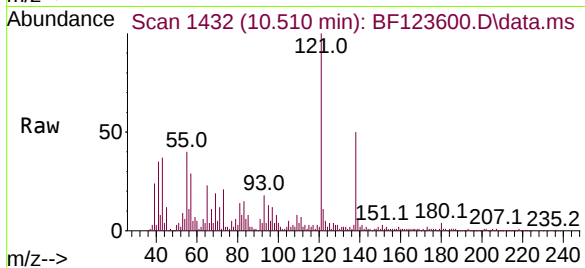




#62
4-Nitroaniline
Concen: 22.74 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.024 min
Lab File: BF123600.D
Acq: 16 Apr 2021 19:40

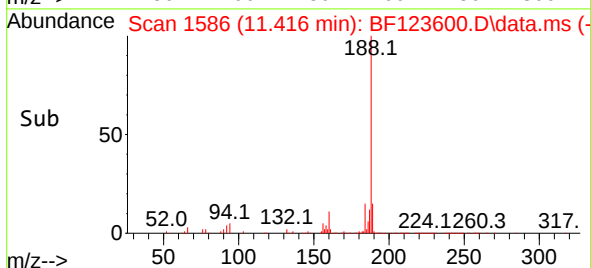
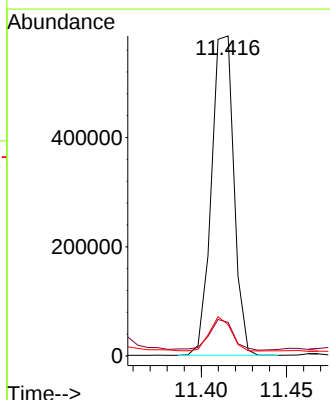
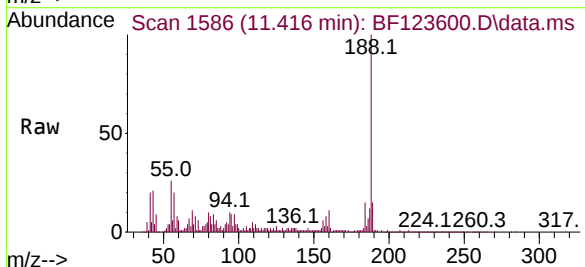
Instrument :
BNA_F
ClientSampleId :
TOTE-1750

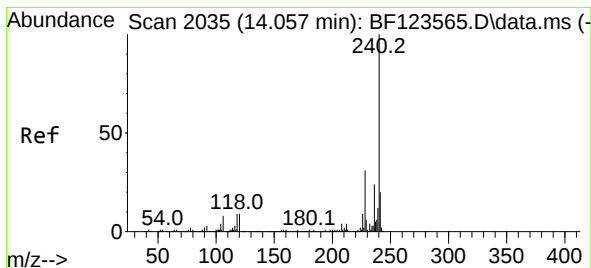
Tgt Ion:138 Resp: 137613
Ion Ratio Lower Upper
138 100
92 8.7 35.8 75.8#
108 4.2 63.6 103.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.012 min
Lab File: BF123600.D
Acq: 16 Apr 2021 19:40

Tgt Ion:188 Resp: 536322
Ion Ratio Lower Upper
188 100
94 10.5 6.9 10.3#
80 9.8 8.2 12.2





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.063 min Scan# 2036

Delta R.T. 0.006 min

Lab File: BF123600.D

Acq: 16 Apr 2021 19:40

Tgt Ion:240 Resp: 361405

Ion Ratio Lower Upper

240 100

120 11.5 7.2 10.8#

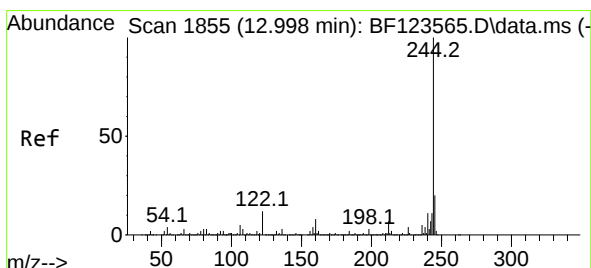
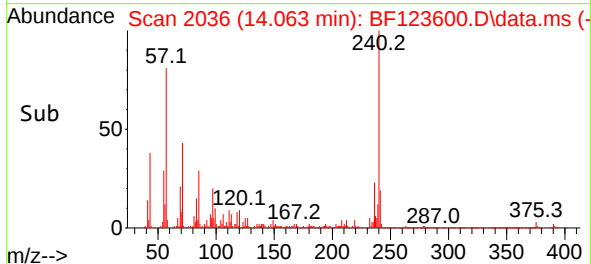
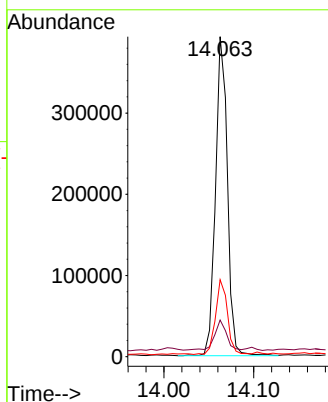
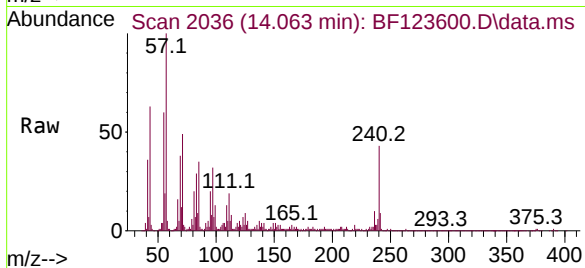
236 24.0 19.0 28.4

Instrument :

BNA_F

ClientSampleId :

TOTE-1750



#79

Terphenyl-d14

Concen: 74.66 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.006 min

Lab File: BF123600.D

Acq: 16 Apr 2021 19:40

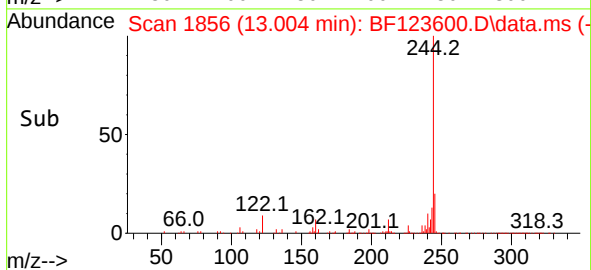
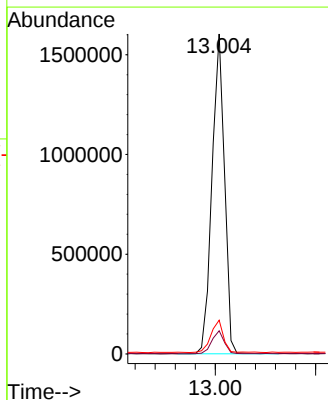
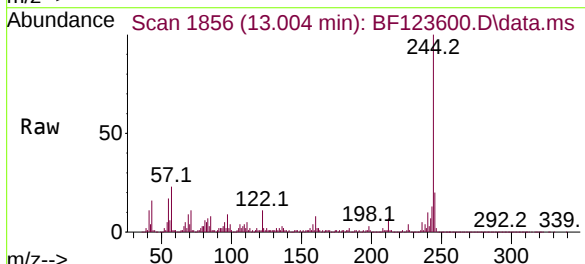
Tgt Ion:244 Resp: 1388220

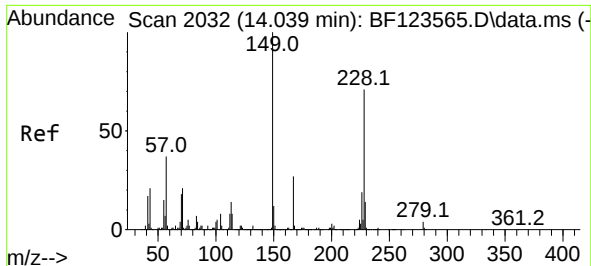
Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 10.6 9.7 14.5

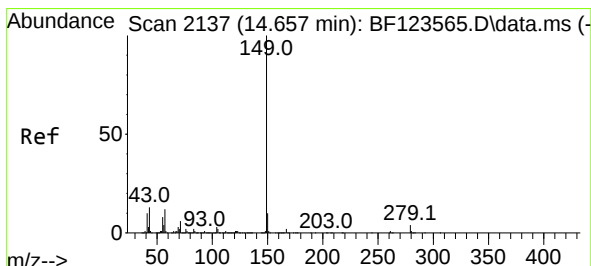
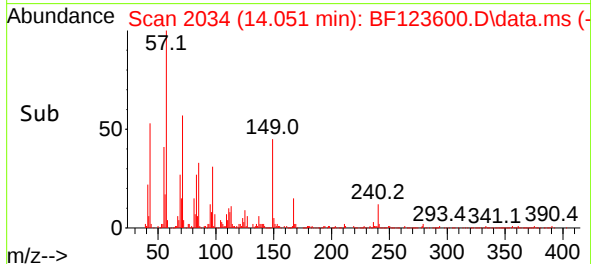
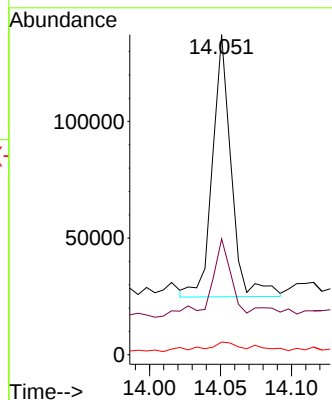
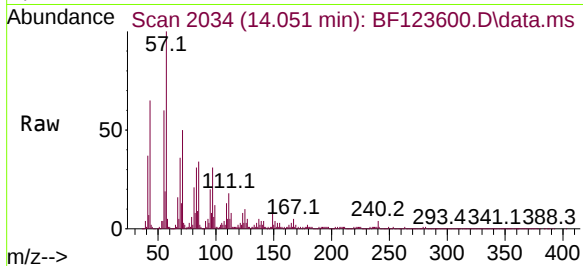




#84
Bis(2-ethylhexyl)phthalate
Concen: 6.24 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.012 min
Lab File: BF123600.D
Acq: 16 Apr 2021 19:40

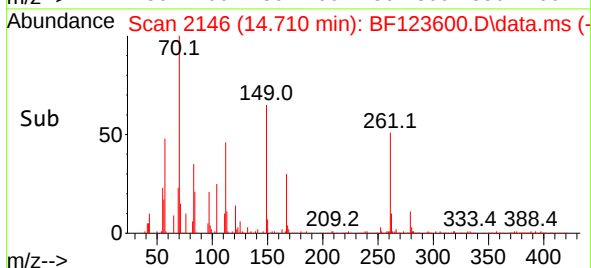
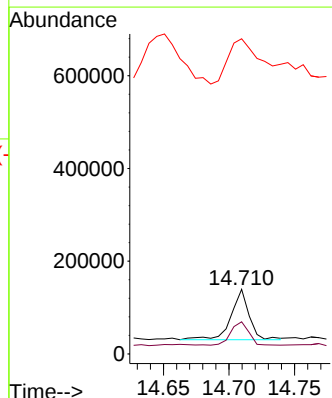
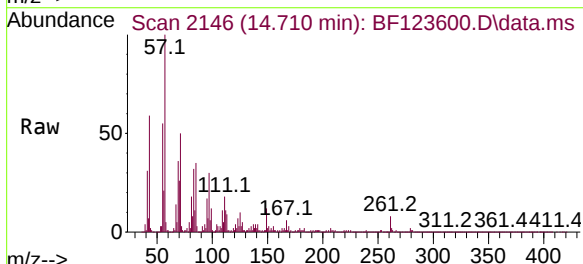
Instrument :
BNA_F
ClientSampleId :
TOTE-1750

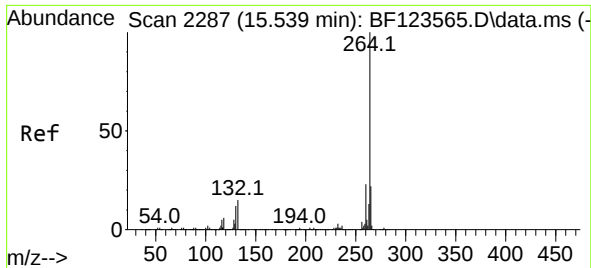
Tgt Ion:149 Resp: 102877
Ion Ratio Lower Upper
149 100
167 36.2 21.8 32.6#
279 3.9 3.3 4.9



#85
Di-n-octyl phthalate
Concen: 3.94 ng
RT: 14.710 min Scan# 2146
Delta R.T. 0.053 min
Lab File: BF123600.D
Acq: 16 Apr 2021 19:40

Tgt Ion:149 Resp: 104635
Ion Ratio Lower Upper
149 100
167 48.4 1.2 1.8#
43 517.5 11.8 17.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. 0.035 min
 Lab File: BF123600.D
 Acq: 16 Apr 2021 19:40

Instrument :
 BNA_F
 ClientSampleId :
 TOTE-1750

Tgt Ion:264 Resp: 392220
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 20.5 17.8 26.8

