

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
 Data File : BF123644.D
 Acq On : 20 Apr 2021 15:44
 Operator : JU/CG
 Sample : M2081-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Apr 21 01:19:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 15:49:40 2021
 Response via : Initial Calibration

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

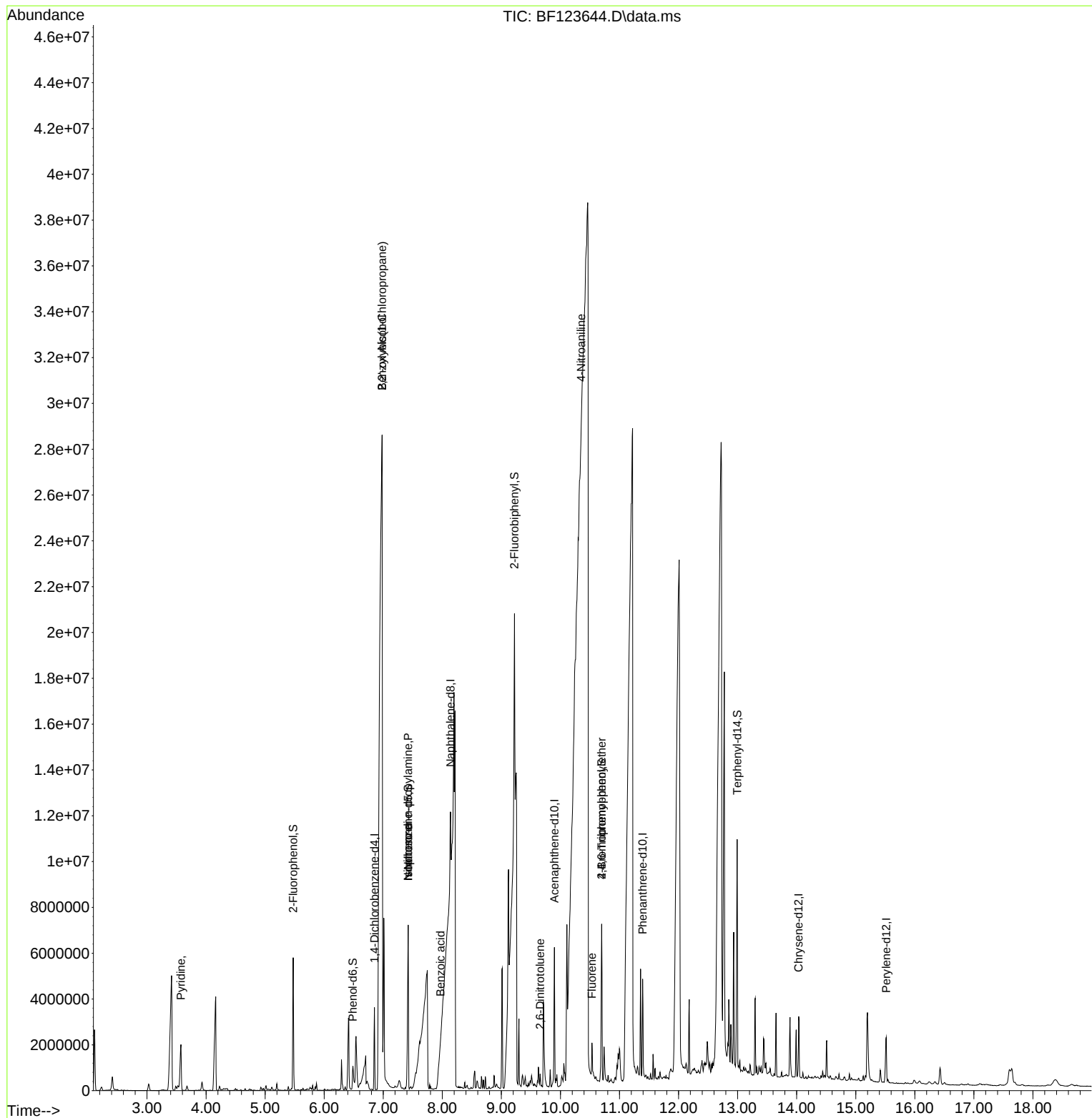
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	447155	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	1419609	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	804146	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	1480963	20.00	ng	0.00
76) Chrysene-d12	14.033	240	988201	20.00	ng	# 0.00
86) Perylene-d12	15.515	264	976603	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1342796	48.54	ng	0.00
7) Phenol-d6	6.486	99	522772	13.64	ng	0.00
23) Nitrobenzene-d5	7.422	82	2496599	80.85	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	810805	89.04	ng	0.01
45) 2-Fluorobiphenyl	9.222	172	3511779	65.10	ng	0.00
79) Terphenyl-d14	12.992	244	3870370	76.12	ng	0.02
Target Compounds						
						Qvalue
3) Pyridine	3.575	79	415316	11.75	ng	# 1
15) Benzyl Alcohol	6.981	79	71672	2.37	ng	# 44
16) 2,2'-oxybis(1-Chloropr...	6.981	45	447445	6.55	ng	81
19) n-Nitroso-di-n-propyla...	7.422	70	352565	13.88	ng	# 73
25) Isophorone	7.422	82	2493099	41.61	ng	# 69
32) Benzoic acid	7.969	122	23404	6.10	ng	# 72
51) 2,6-Dinitrotoluene	9.657	165	40381	3.31	ng	# 13
58) Fluorene	10.533	166	194011	3.46	ng	# 19
62) 4-Nitroaniline	10.351	138	377887	26.45	ng	# 19
67) 4-Bromophenyl-phenylether	10.698	248	45591	2.94	ng	# 1
89) Benzo(k)fluoranthene	15.133	252	769	Below Cal		# 1
92) Benzo(g,h,i)perylene	17.433	276	1633	Below Cal		# 42

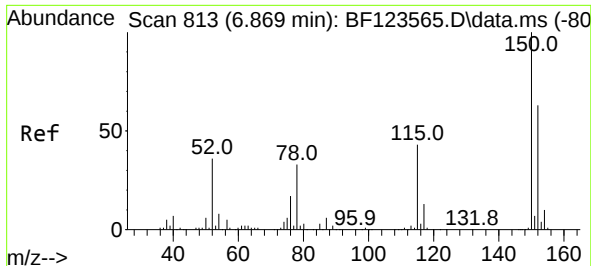
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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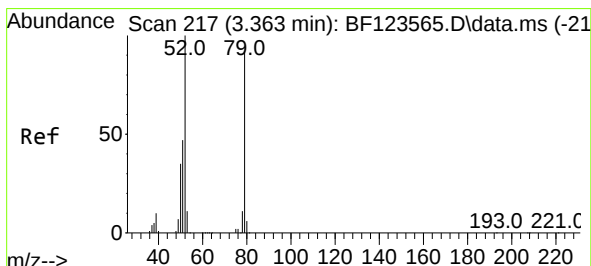
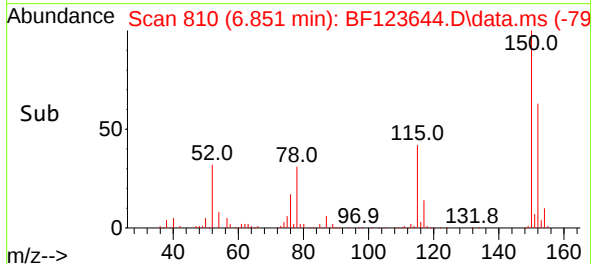
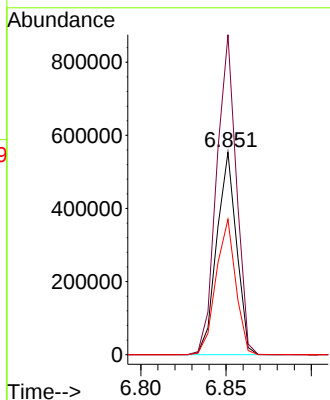
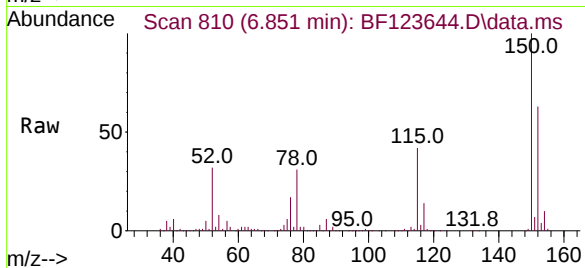




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123644.D
Acq: 20 Apr 2021 15:44

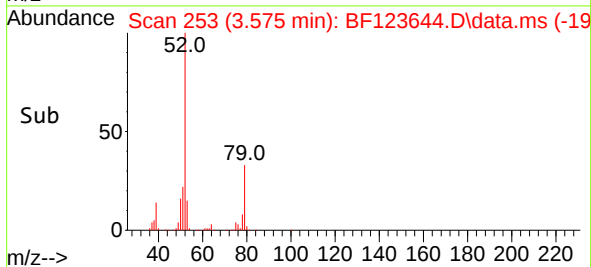
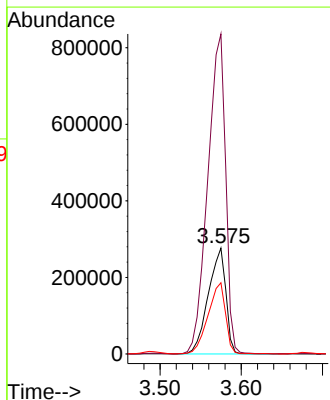
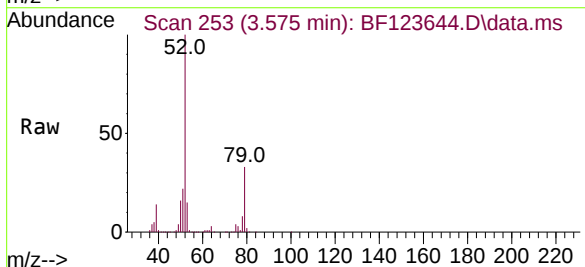
Instrument :
BNA_F
ClientSampleId :
EFF-WW

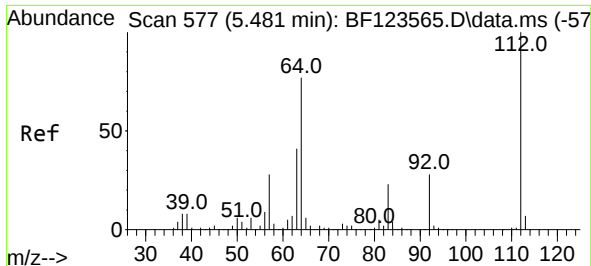
Tgt Ion:152 Resp: 447155
Ion Ratio Lower Upper
152 100
150 158.1 127.0 190.6
115 66.9 54.3 81.5



#3
Pyridine
Concen: 11.75 ng
RT: 3.575 min Scan# 253
Delta R.T. 0.229 min
Lab File: BF123644.D
Acq: 20 Apr 2021 15:44

Tgt Ion: 79 Resp: 415316
Ion Ratio Lower Upper
79 100
52 302.1 87.4 131.0#
51 67.3 41.4 62.0#

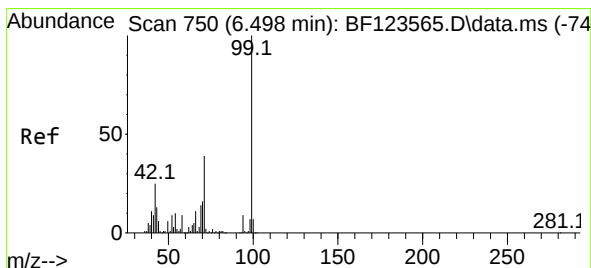
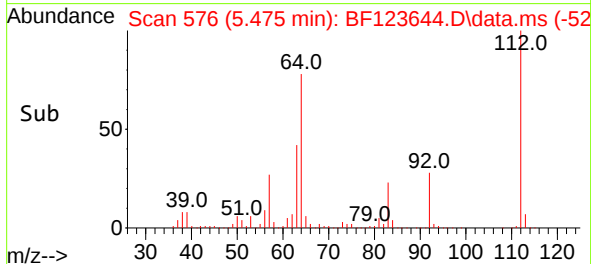
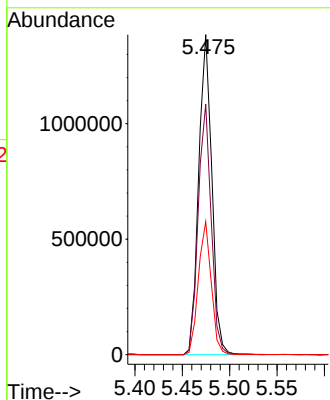
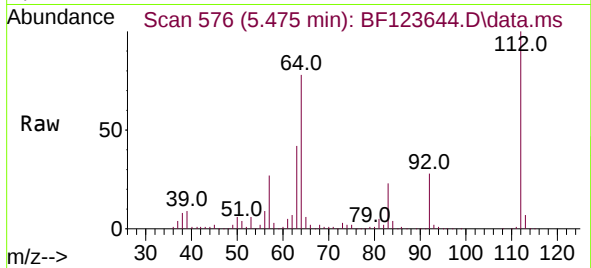




#5
2-Fluorophenol
Concen: 48.54 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF123644.D
Acq: 20 Apr 2021 15:44

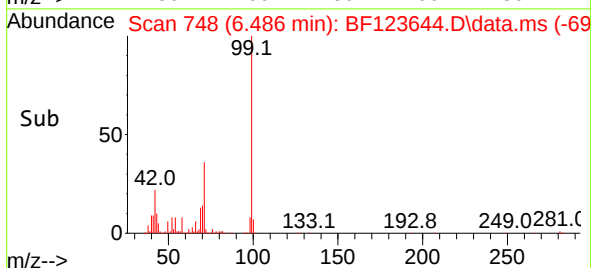
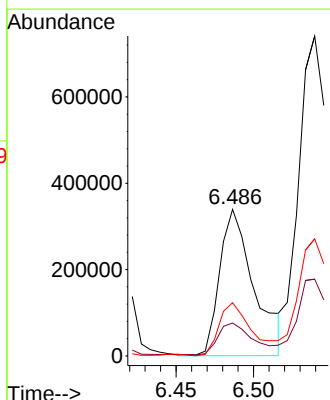
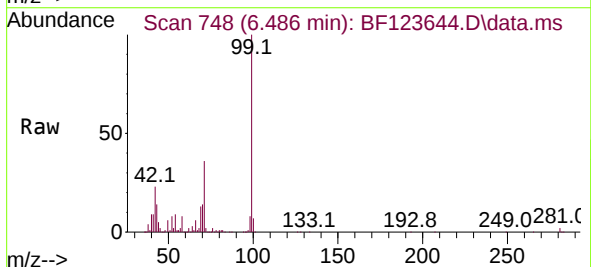
Instrument :
BNA_F
ClientSampleId :
EFF-WW

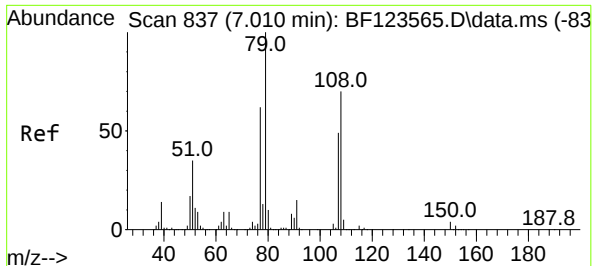
Tgt Ion:112 Resp: 1342796
Ion Ratio Lower Upper
112 100
64 78.3 61.4 92.0
63 41.5 33.0 49.4



#7
Phenol-d6
Concen: 13.64 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123644.D
Acq: 20 Apr 2021 15:44

Tgt Ion: 99 Resp: 522772
Ion Ratio Lower Upper
99 100
42 22.5 19.8 29.8
71 36.3 31.1 46.7





#15

Benzyl Alcohol

Concen: 2.37 ng

RT: 6.981 min Scan# 832

Delta R.T. -0.012 min

Lab File: BF123644.D

Acq: 20 Apr 2021 15:44

Tgt Ion: 79 Resp: 71672

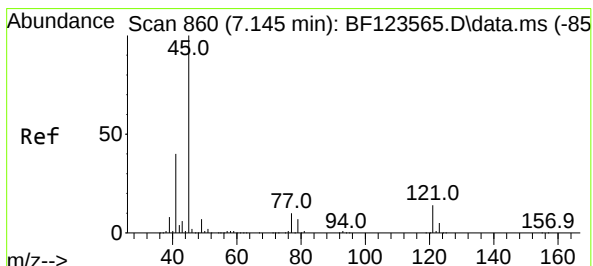
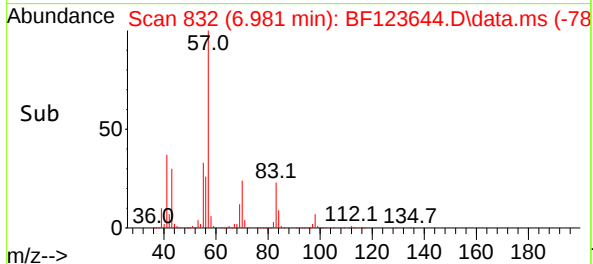
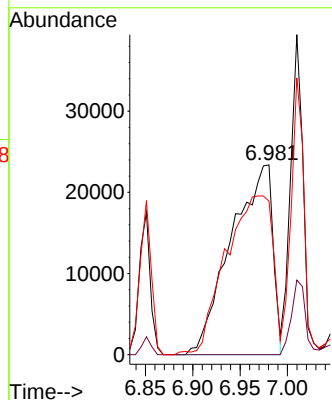
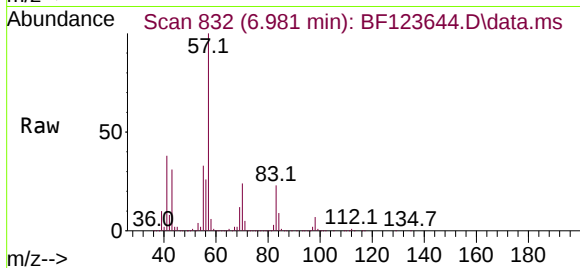
Ion	Ratio	Lower	Upper
79	100		
108	0.0	55.8	83.8#
77	80.8	49.9	74.9#

Instrument :

BNA_F

ClientSampled :

EFF-WW



#16

2,2'-oxybis(1-Chloropropane)

Concen: 6.55 ng

RT: 6.981 min Scan# 832

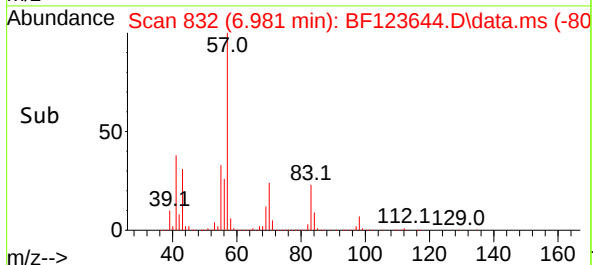
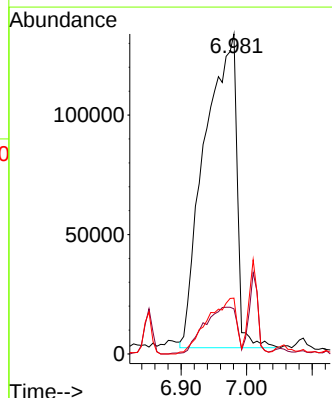
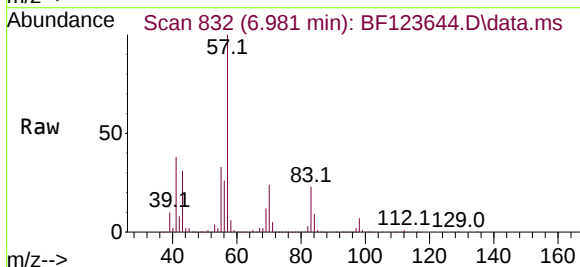
Delta R.T. -0.147 min

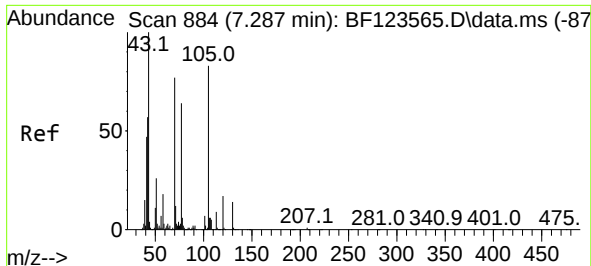
Lab File: BF123644.D

Acq: 20 Apr 2021 15:44

Tgt Ion: 45 Resp: 447445

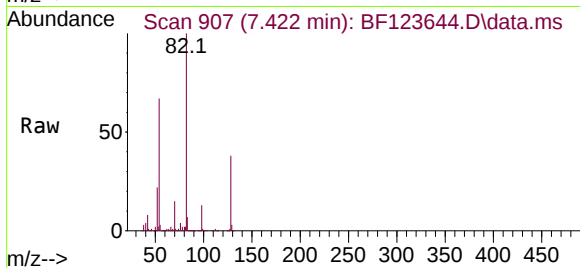
Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	30.0
79	17.5	0.0	27.3



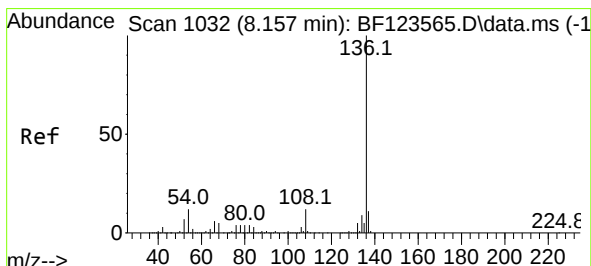
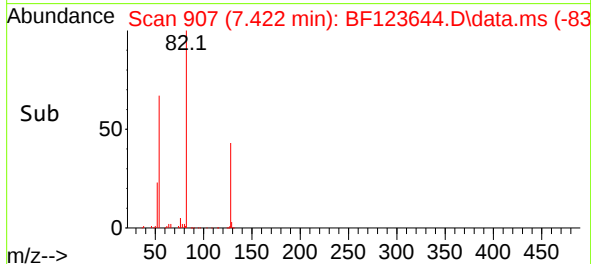
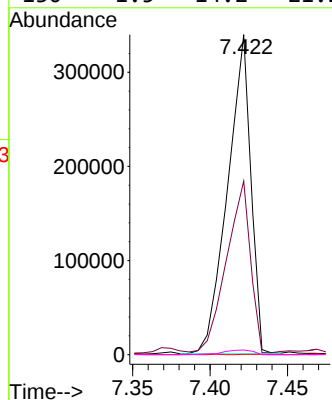


#19
n-Nitroso-di-n-propylamine
Concen: 13.88 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.153 min
Lab File: BF123644.D
Acq: 20 Apr 2021 15:44

Instrument :
BNA_F
ClientSampled :
EFF-WW

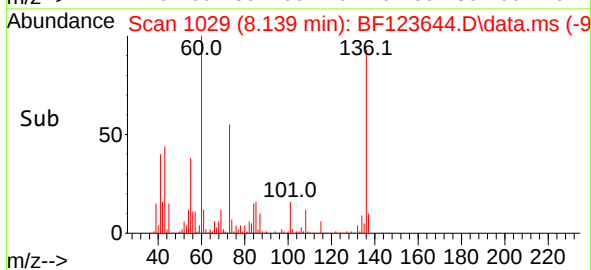
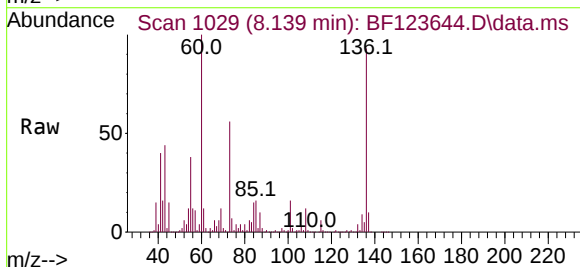
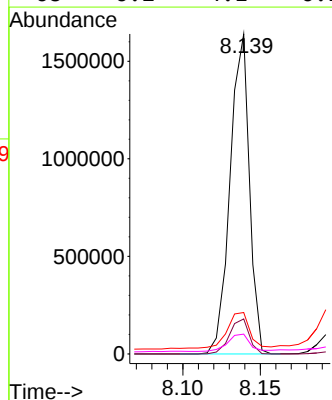


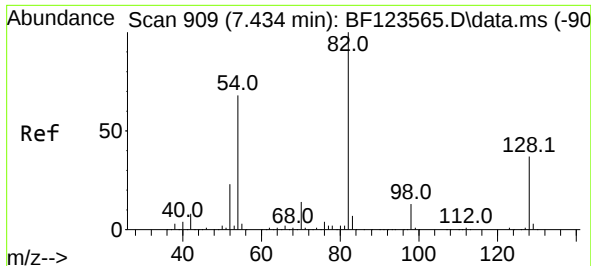
Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.3	60.1	90.1#
101	0.1	7.4	11.2#
130	1.5	14.2	21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF123644.D
Acq: 20 Apr 2021 15:44

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	13.0	9.8	14.6
68	6.2	4.1	6.1#





#23

Nitrobenzene-d5

Concen: 80.85 ng

RT: 7.422 min Scan# 907

Delta R.T. 0.006 min

Lab File: BF123644.D

Acq: 20 Apr 2021 15:44

Tgt Ion: 82 Resp: 2496599

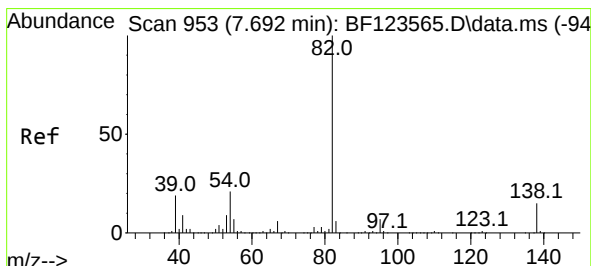
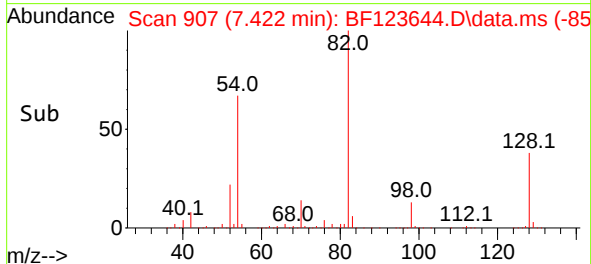
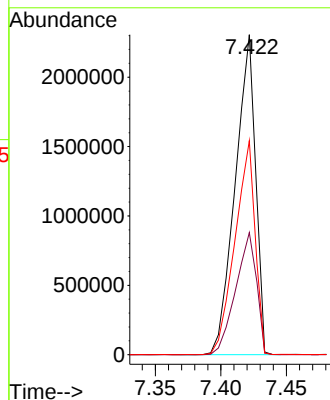
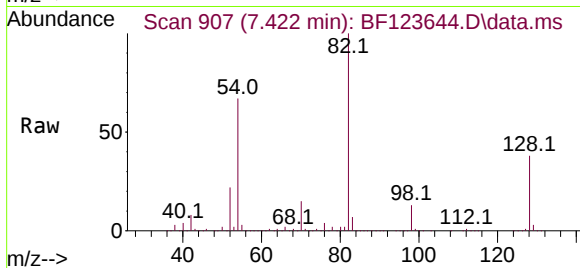
Ion	Ratio	Lower	Upper
82	100		
128	38.1	29.4	44.2
54	66.9	54.1	81.1

Instrument :

BNA_F

ClientSampled :

EFF-WW



#25

Isophorone

Concen: 41.61 ng

RT: 7.422 min Scan# 907

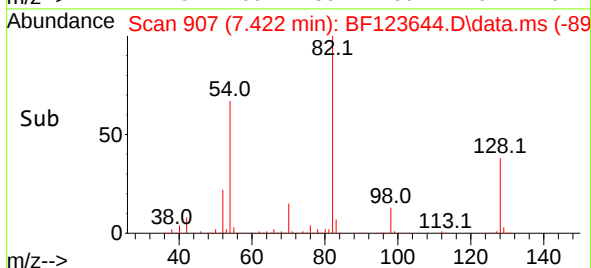
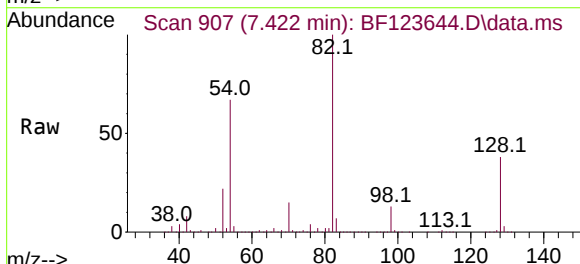
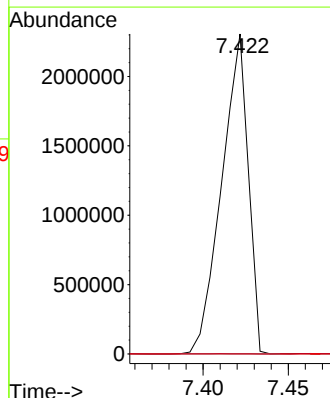
Delta R.T. -0.253 min

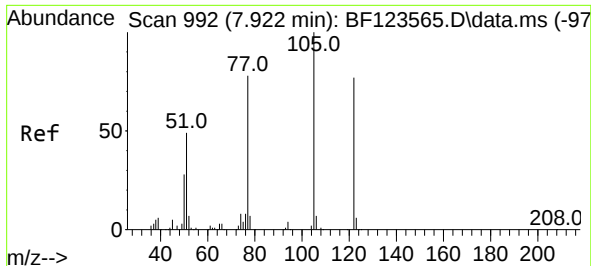
Lab File: BF123644.D

Acq: 20 Apr 2021 15:44

Tgt Ion: 82 Resp: 2493099

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	11.8	17.8#

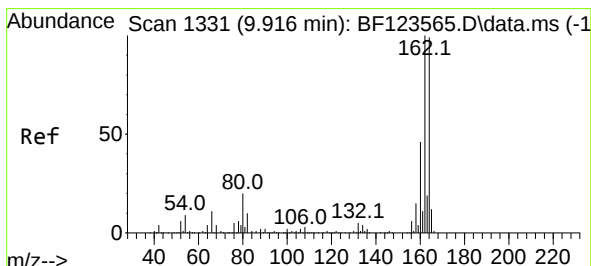
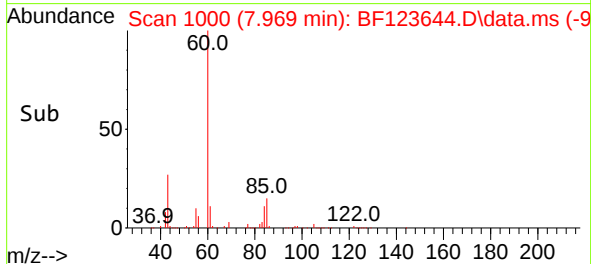
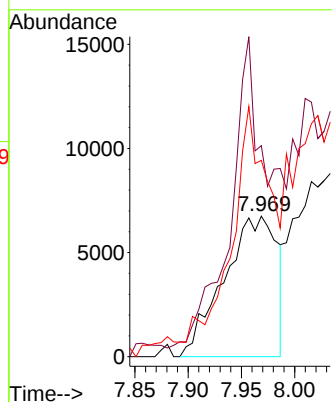
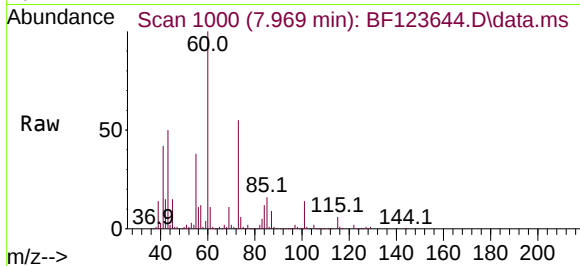




#32
Benzoic acid
Concen: 6.10 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.053 min
Lab File: BF123644.D
Acq: 20 Apr 2021 15:44

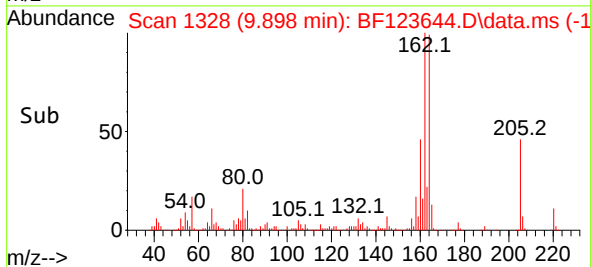
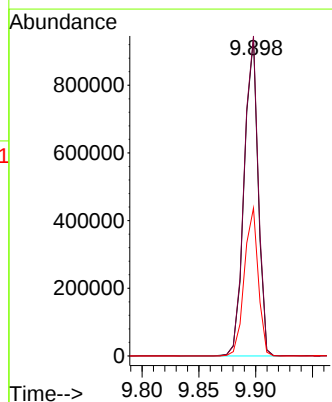
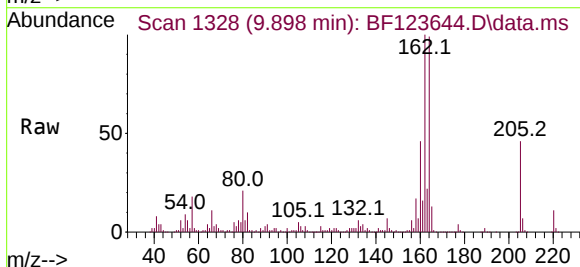
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BNA_F
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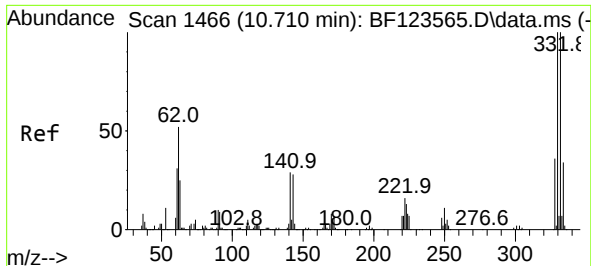
Tgt Ion:122 Resp: 23404
Ion Ratio Lower Upper
122 100
105 150.2 107.8 147.8#
77 139.8 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF123644.D
Acq: 20 Apr 2021 15:44

Tgt Ion:164 Resp: 804146
Ion Ratio Lower Upper
164 100
162 100.8 80.7 121.1
160 46.6 37.3 55.9

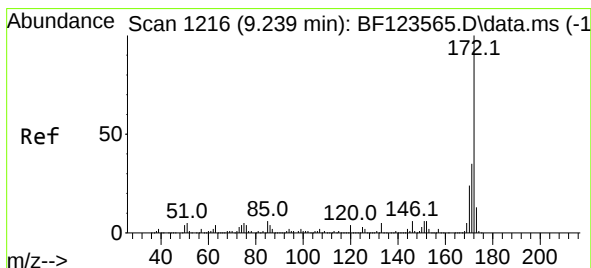
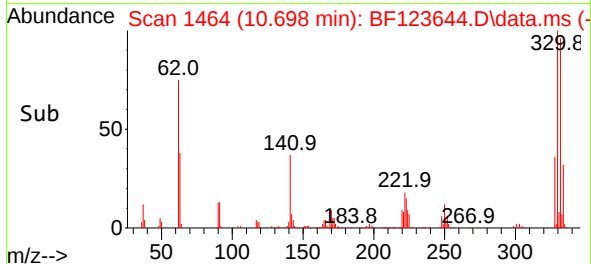
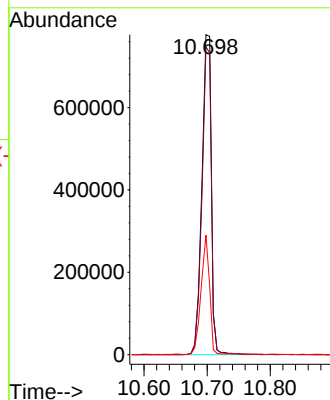
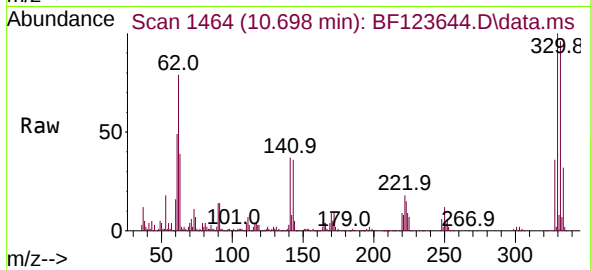




#42
2,4,6-Tribromophenol
Concen: 89.04 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.012 min
Lab File: BF123644.D
Acq: 20 Apr 2021 15:44

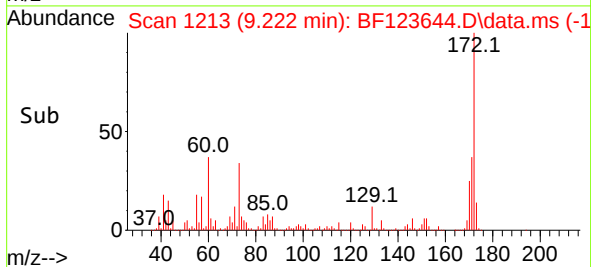
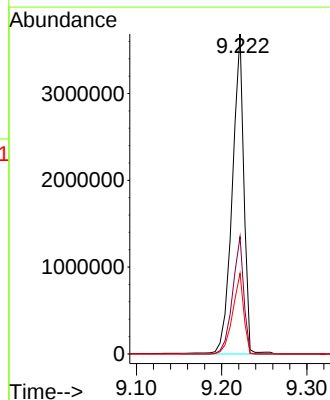
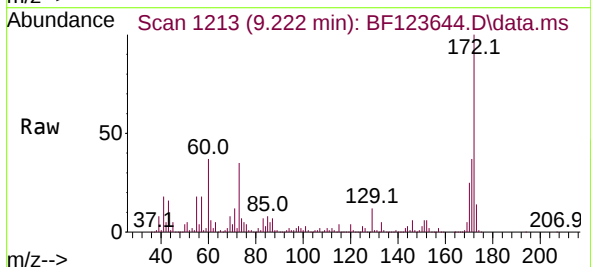
Instrument :
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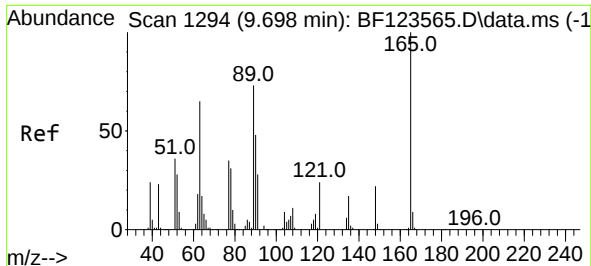
Tgt Ion: 330 Resp: 810805
Ion Ratio Lower Upper
330 100
332 94.8 77.1 115.7
141 33.2 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 65.10 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.006 min
Lab File: BF123644.D
Acq: 20 Apr 2021 15:44

Tgt Ion: 172 Resp: 3511779
Ion Ratio Lower Upper
172 100
171 36.7 28.1 42.1
170 25.2 19.2 28.8

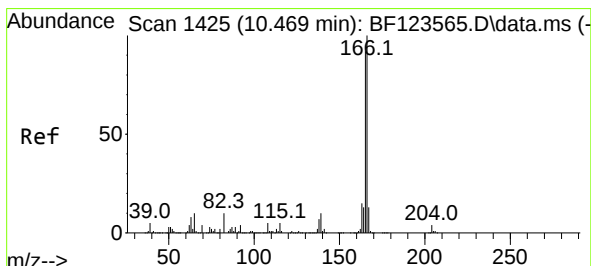
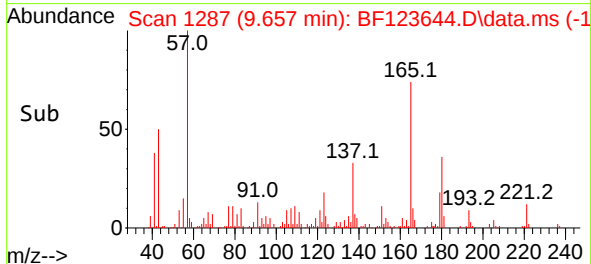
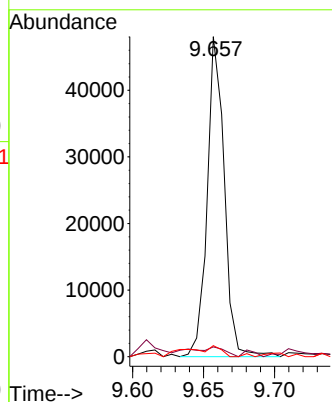
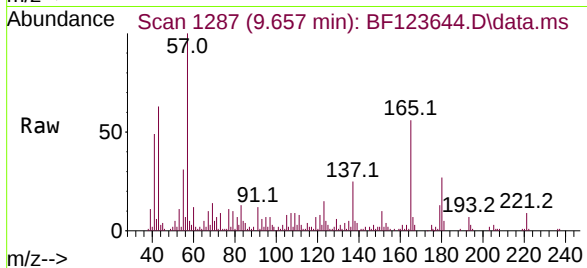




#51
2,6-Dinitrotoluene
Concen: 3.31 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.024 min
Lab File: BF123644.D
Acq: 20 Apr 2021 15:44

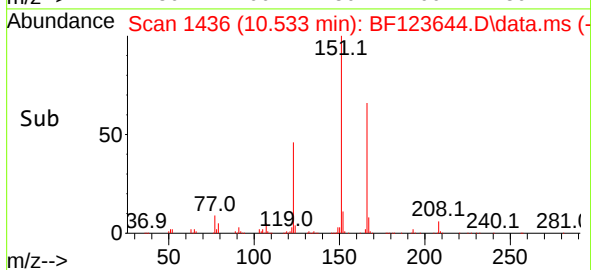
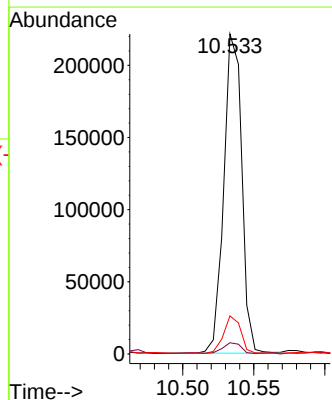
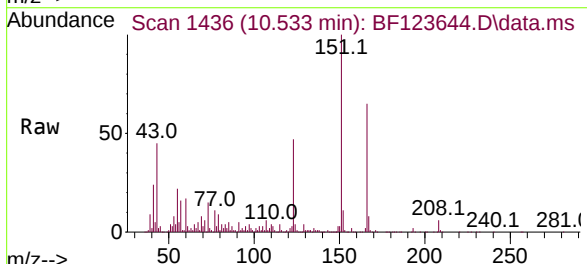
Instrument :
BNA_F
ClientSampleId :
EFF-WW

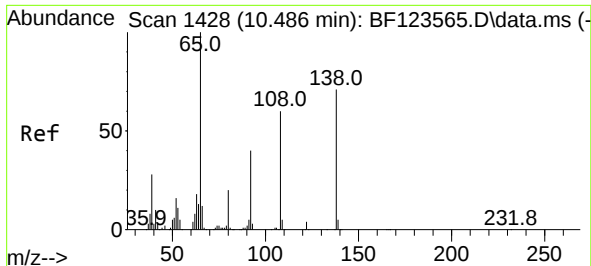
Tgt Ion:165 Resp: 40381
Ion Ratio Lower Upper
165 100
63 3.1 67.7 101.5#
89 3.4 58.8 88.2#



#58
Fluorene
Concen: 3.46 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.088 min
Lab File: BF123644.D
Acq: 20 Apr 2021 15:44

Tgt Ion:166 Resp: 194011
Ion Ratio Lower Upper
166 100
165 3.5 73.5 110.3#
167 11.9 10.7 16.1

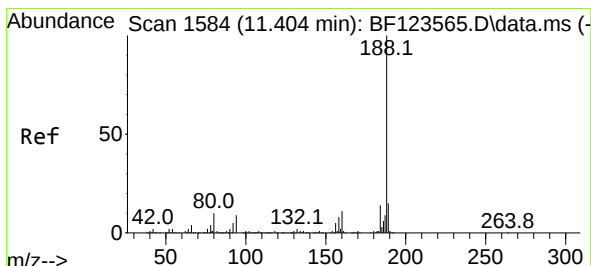
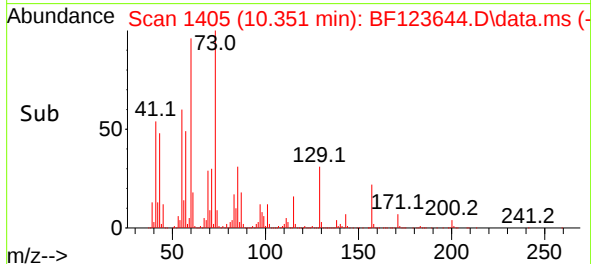
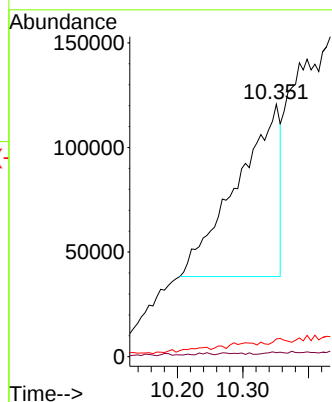
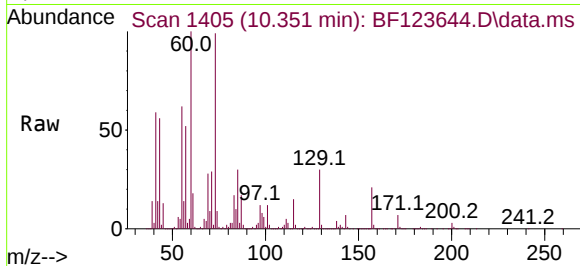




#62
4-Nitroaniline
Concen: 26.45 ng
RT: 10.351 min Scan# 1405
Delta R.T. -0.112 min
Lab File: BF123644.D
Acq: 20 Apr 2021 15:44

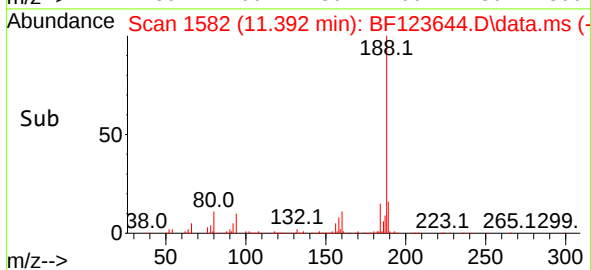
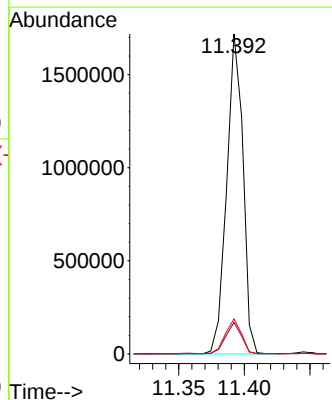
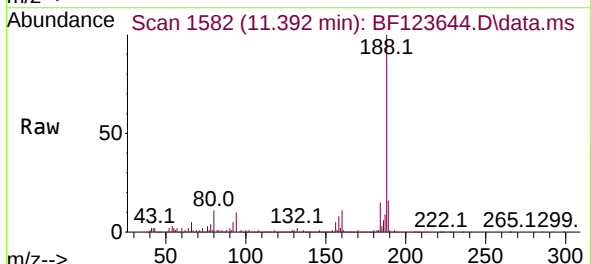
Instrument :
BNA_F
ClientSampled :
EFF-WW

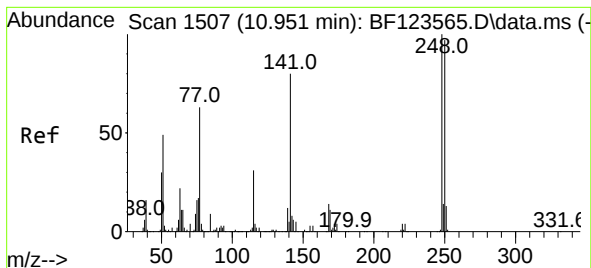
Tgt Ion:138 Resp: 377887
Ion Ratio Lower Upper
138 100
92 1.6 35.8 75.8#
108 7.0 63.6 103.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF123644.D
Acq: 20 Apr 2021 15:44

Tgt Ion:188 Resp: 1480963
Ion Ratio Lower Upper
188 100
94 9.8 6.9 10.3
80 11.0 8.2 12.2

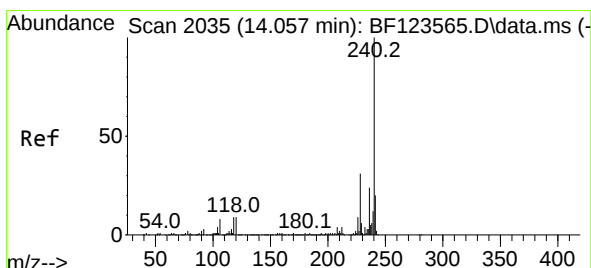
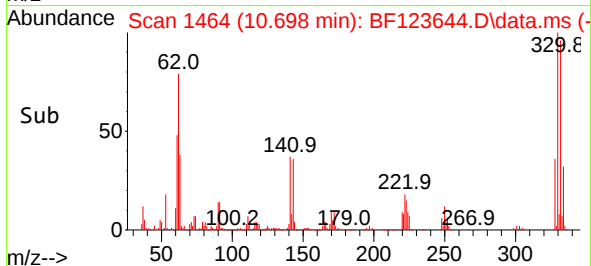
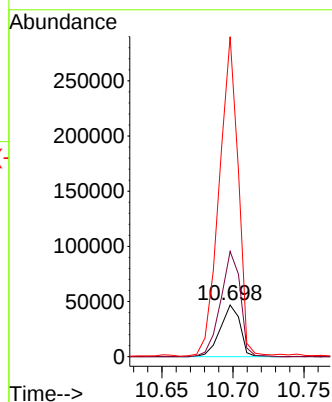
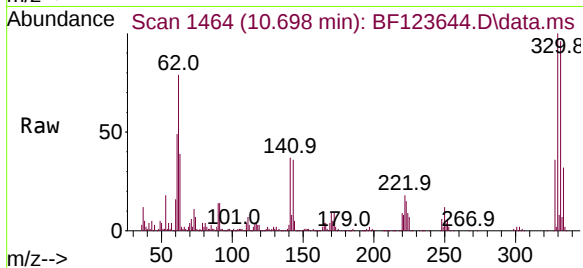




#67
4-Bromophenyl-phenylether
Concen: 2.94 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.230 min
Lab File: BF123644.D
Acq: 20 Apr 2021 15:44

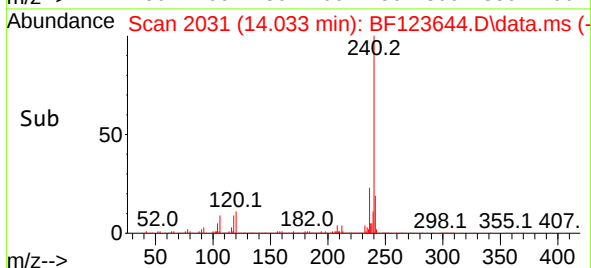
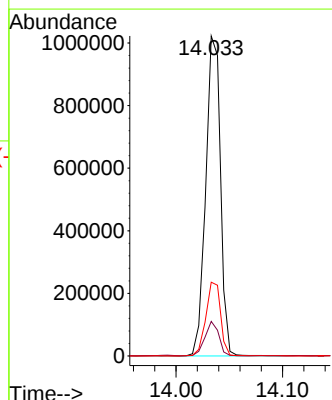
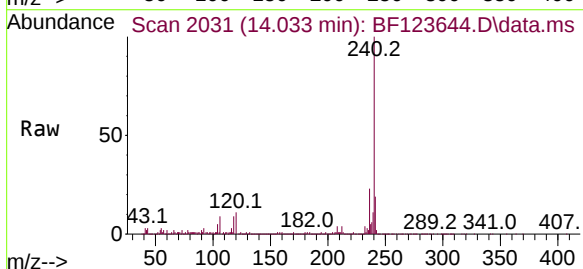
Instrument :
BNA_F
ClientSampled :
EFF-WW

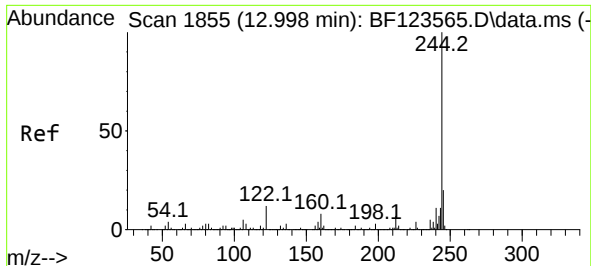
Tgt Ion:248 Resp: 45591
Ion Ratio Lower Upper
248 100
250 203.9 77.4 116.2#
141 619.9 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF123644.D
Acq: 20 Apr 2021 15:44

Tgt Ion:240 Resp: 988201
Ion Ratio Lower Upper
240 100
120 10.8 7.2 10.8#
236 23.0 19.0 28.4

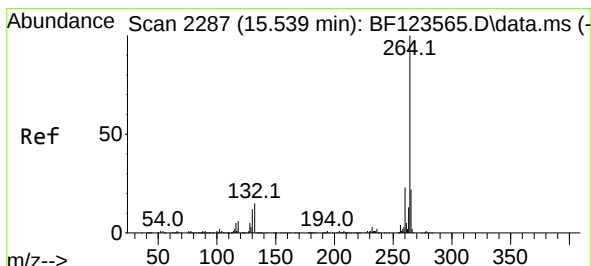
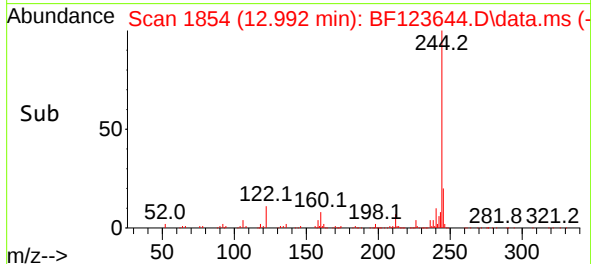
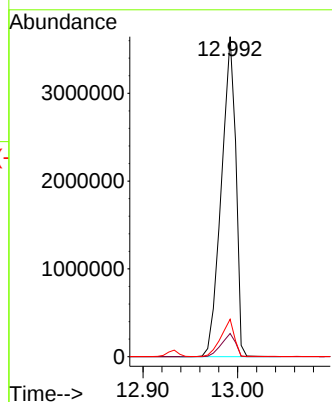
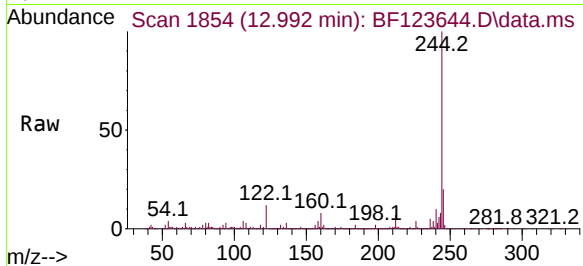




#79
 Terphenyl-d14
 Concen: 76.12 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.018 min
 Lab File: BF123644.D
 Acq: 20 Apr 2021 15:44

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tgt Ion:244 Resp: 3870370
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 11.7 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.012 min
 Lab File: BF123644.D
 Acq: 20 Apr 2021 15:44

Tgt Ion:264 Resp: 976603
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 22.4 17.8 26.8

