

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
 Data File : BF123387.D
 Acq On : 18 Mar 2021 17:15
 Operator : JU/CG
 Sample : M1690-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MC-WC

Quant Time: Mar 18 17:44:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 18 02:38:45 2021
 Response via : Initial Calibration

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

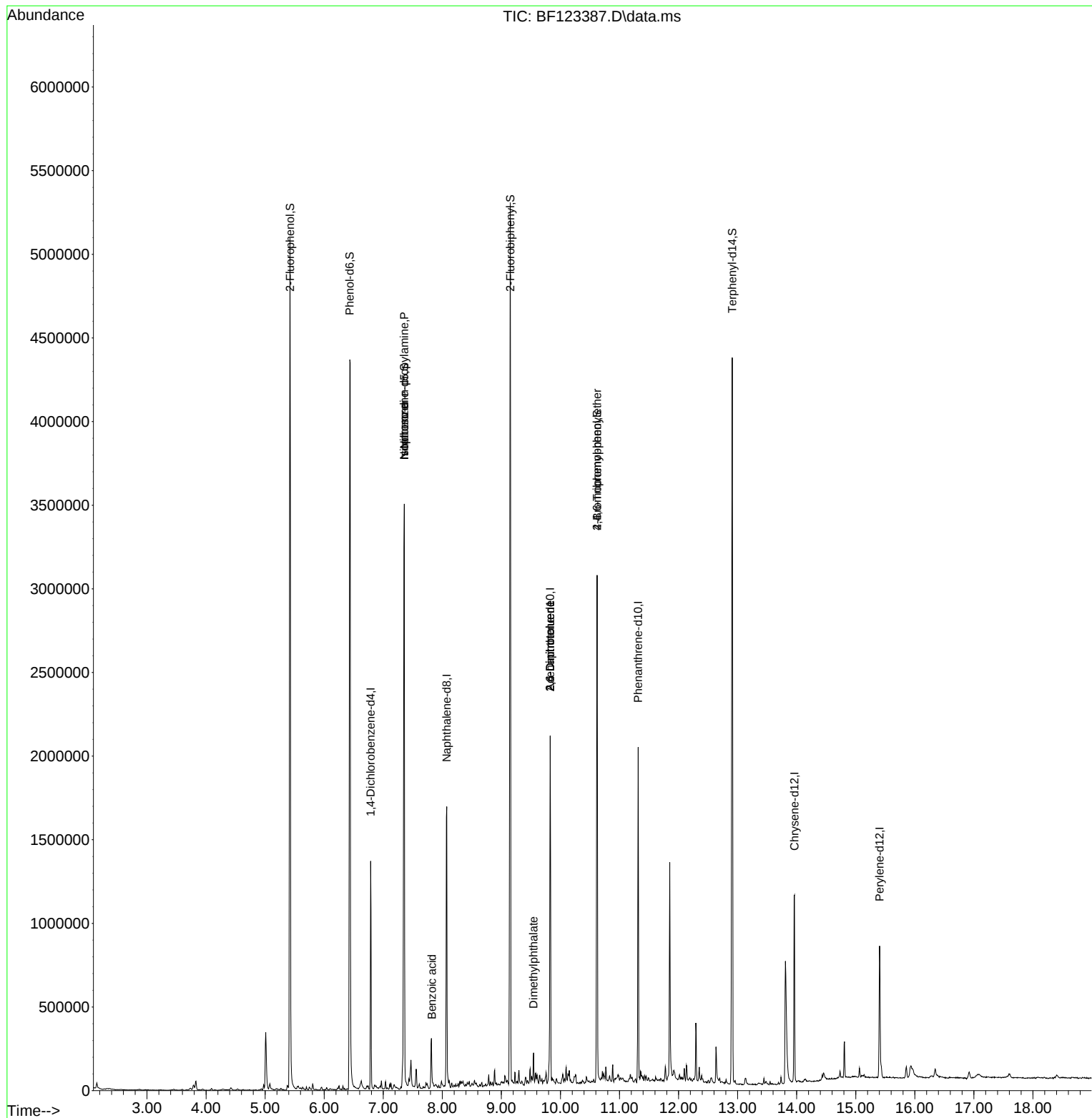
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	201078	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	833920	20.00	ng	0.00
39) Acenaphthene-d10	9.828	164	408543	20.00	ng	0.00
64) Phenanthrene-d10	11.316	188	644607	20.00	ng	# 0.00
76) Chrysene-d12	13.963	240	384284	20.00	ng	#-0.01
86) Perylene-d12	15.404	264	312591	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1610927	113.77	ng	0.00
7) Phenol-d6	6.434	99	1887224	102.61	ng	-0.01
23) Nitrobenzene-d5	7.357	82	1252296	88.20	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	338350	118.50	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1901955	101.79	ng	0.00
79) Terphenyl-d14	12.910	244	1597309	80.93	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.345	77	1106	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	165469	16.39	ng	# 86
20) 3+4-Methylphenols	7.228	107	1395	Below Cal	#	62
25) Isophorone	7.357	82	1242798	42.18	ng	# 65
32) Benzoic acid	7.822	122	20206	2.22	ng	94
50) Dimethylphthalate	9.545	163	66999	2.32	ng	99
51) 2,6-Dinitrotoluene	9.828	165	53127	7.73	ng	# 31
55) Dibenzofuran	10.033	168	1762	Below Cal	#	52
57) 2,4-Dinitrotoluene	9.828	165	53127	6.06	ng	# 25
58) Fluorene	10.375	166	3145	Below Cal	#	98
67) 4-Bromophenyl-phenylether	10.622	248	21300	3.47	ng	# 1
75) Fluoranthene	12.533	202	1695	Below Cal		63

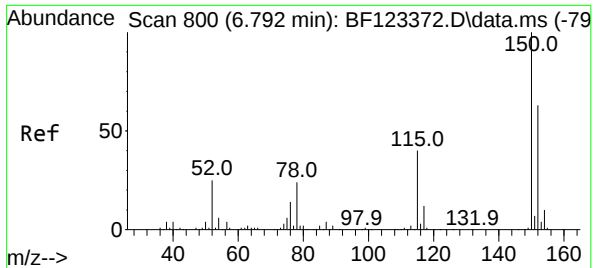
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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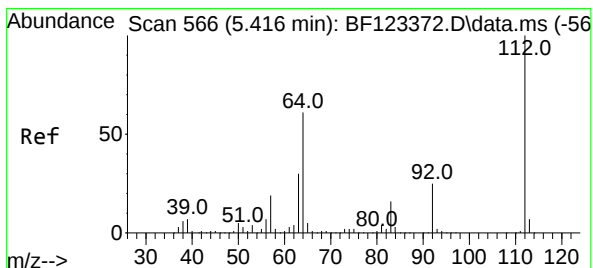
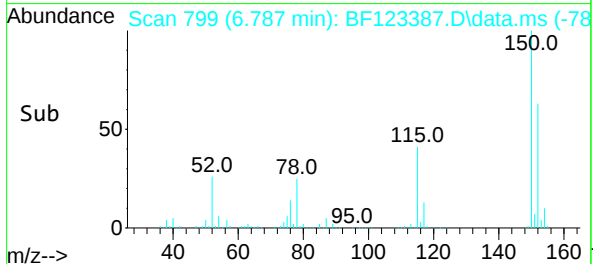
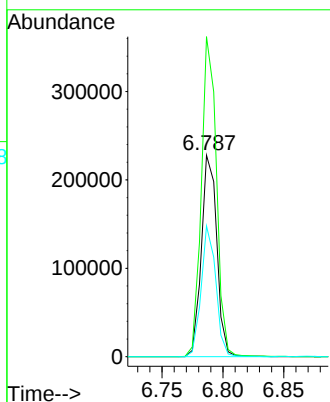
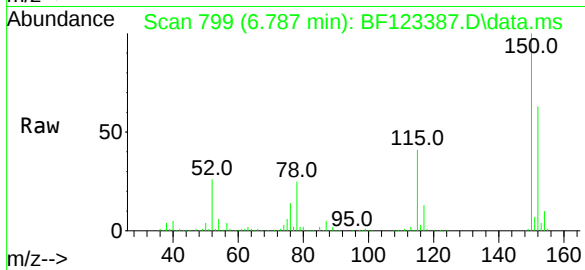




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.005 min
Lab File: BF123387.D
Acq: 18 Mar 2021 17:15

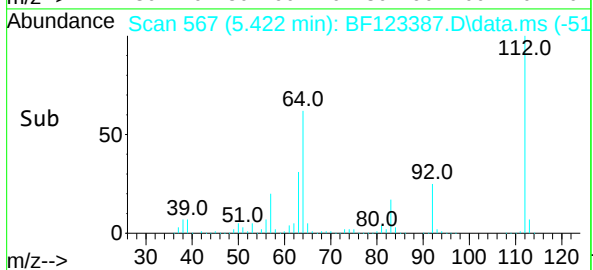
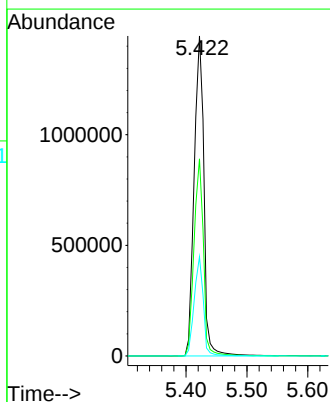
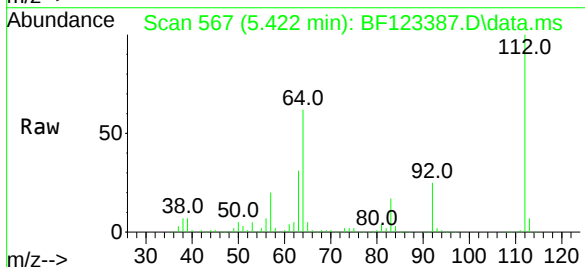
Instrument :
BNA_F
ClientSampleId :
MC-WC

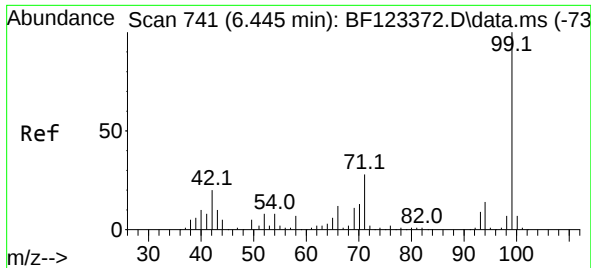
Tgt Ion:152 Resp: 201078
Ion Ratio Lower Upper
152 100
150 158.8 125.8 188.6
115 64.9 49.3 73.9



#5
2-Fluorophenol
Concen: 113.77 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF123387.D
Acq: 18 Mar 2021 17:15

Tgt Ion:112 Resp: 1610927
Ion Ratio Lower Upper
112 100
64 61.6 46.9 70.3
63 31.0 24.5 36.7

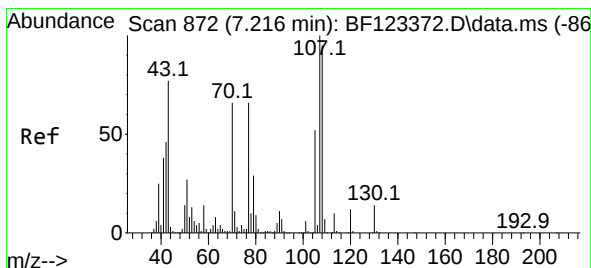
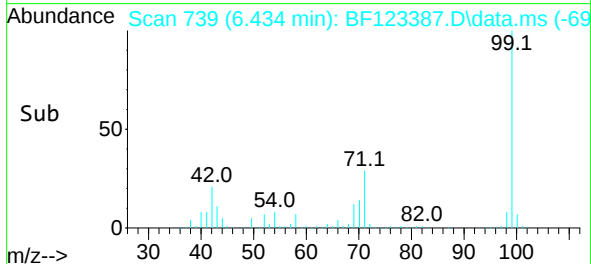
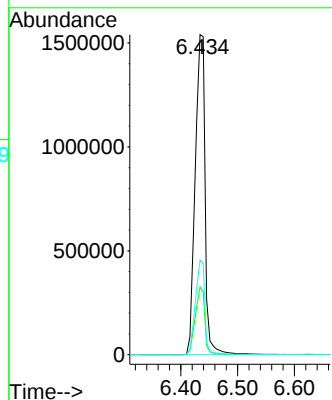
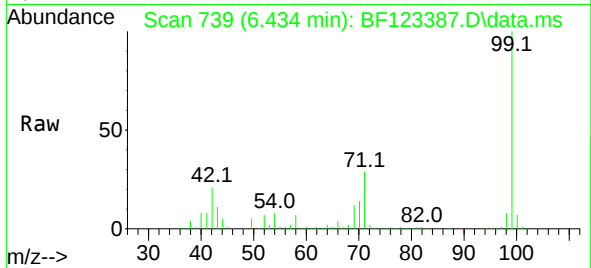




#7
Phenol-d6
Concen: 102.61 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.011 min
Lab File: BF123387.D
Acq: 18 Mar 2021 17:15

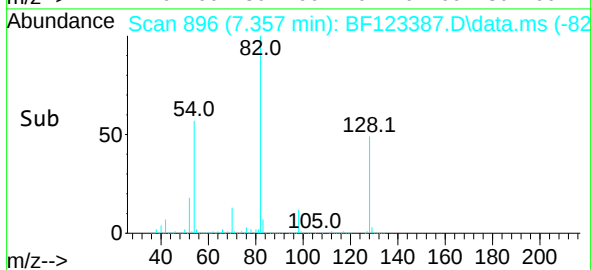
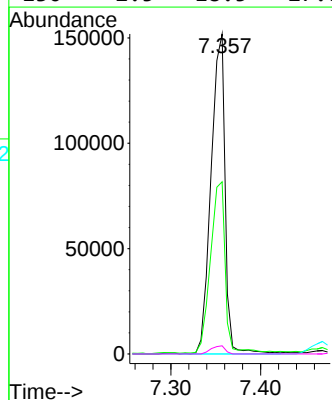
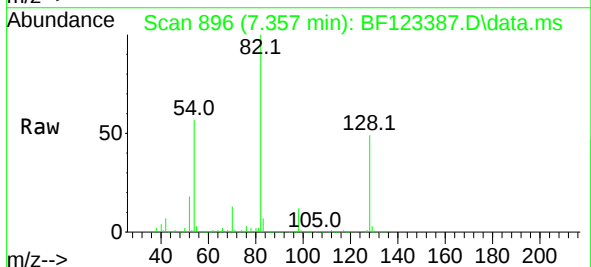
Instrument :
BNA_F
ClientSampleId :
MC-WC

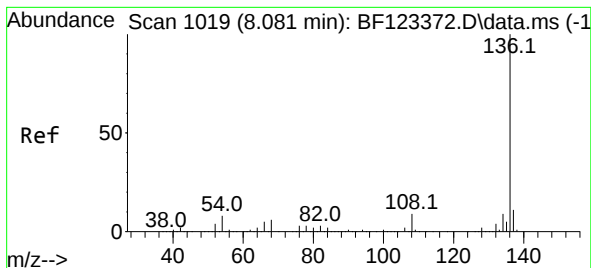
Tgt Ion: 99 Resp: 1887224
Ion Ratio Lower Upper
99 100
42 21.1 13.8 20.6#
71 29.5 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.39 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF123387.D
Acq: 18 Mar 2021 17:15

Tgt Ion: 70 Resp: 165469
Ion Ratio Lower Upper
70 100
42 53.8 43.0 64.4
101 0.0 7.9 11.9#
130 2.5 18.5 27.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.075 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF123387.D

Acq: 18 Mar 2021 17:15

Tgt Ion:136 Resp: 833920

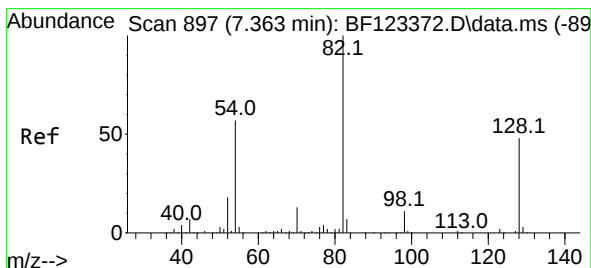
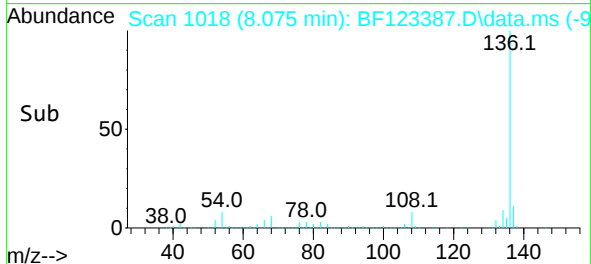
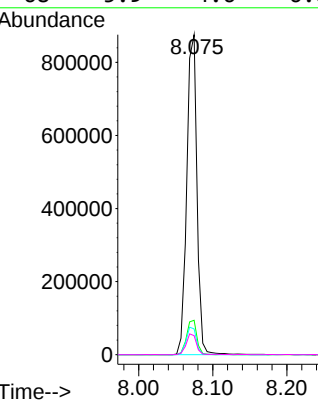
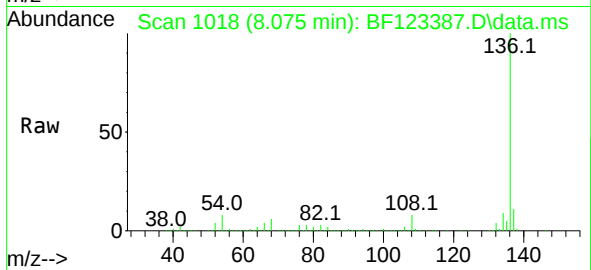
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.1 5.5 8.3

68 5.9 4.6 6.8



#23

Nitrobenzene-d5

Concen: 88.20 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF123387.D

Acq: 18 Mar 2021 17:15

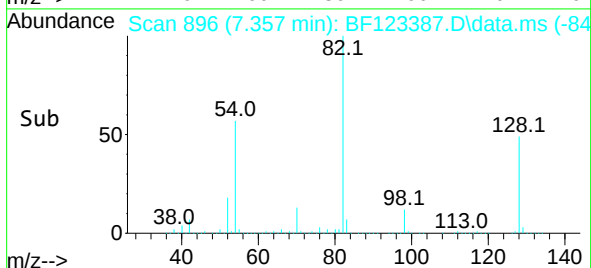
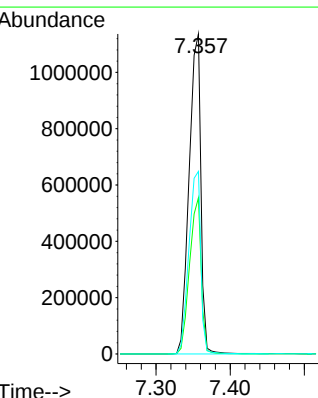
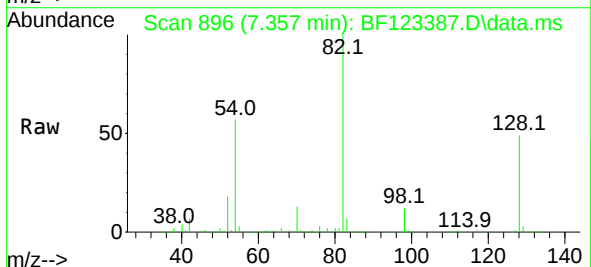
Tgt Ion: 82 Resp: 1252296

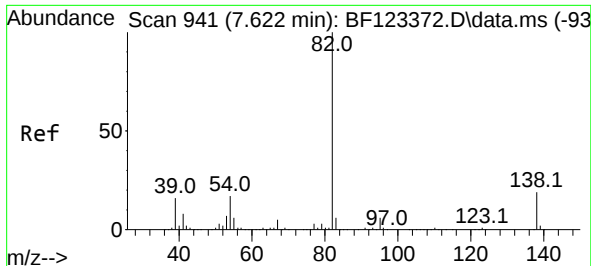
Ion Ratio Lower Upper

82 100

128 48.8 37.0 55.4

54 57.1 38.4 57.6

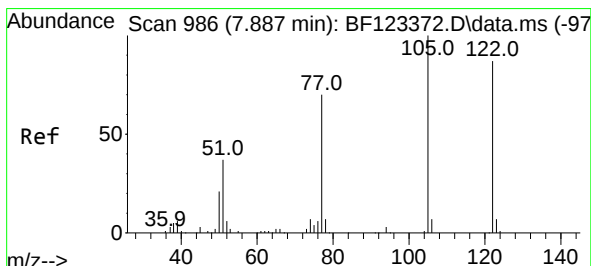
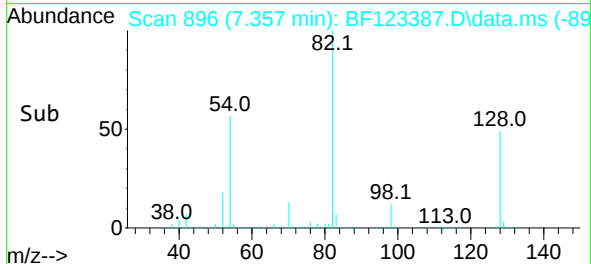
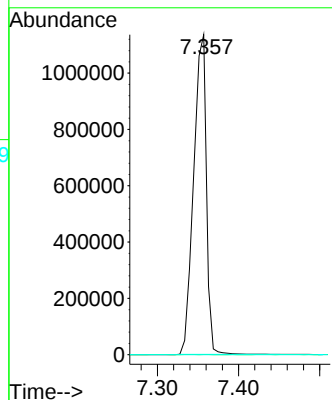
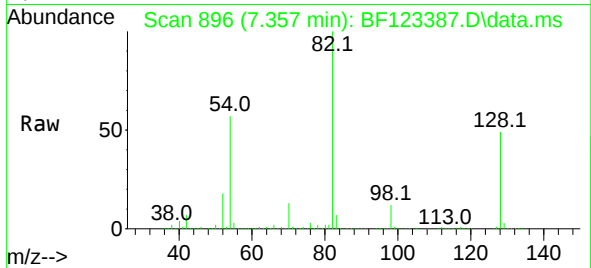




#25
Isophorone
Concen: 42.18 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF123387.D
Acq: 18 Mar 2021 17:15

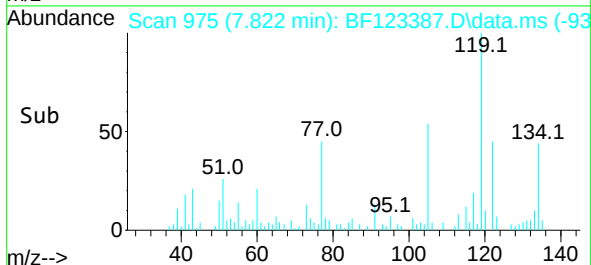
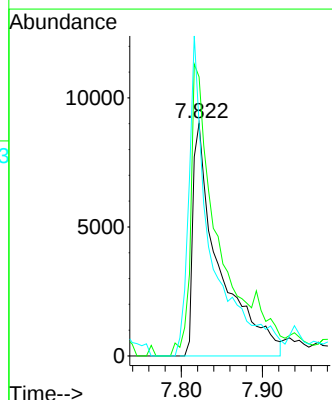
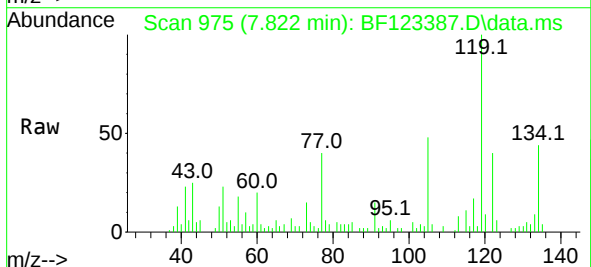
Instrument :
BNA_F
ClientSampleId :
MC-WC

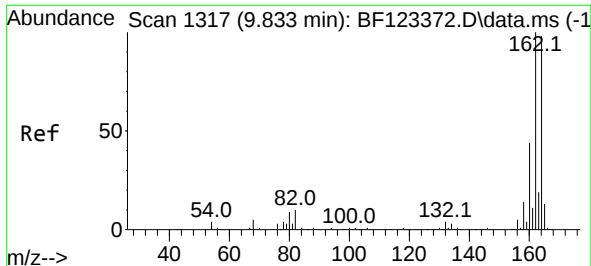
Tgt Ion: 82 Resp: 1242798
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 2.22 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.065 min
Lab File: BF123387.D
Acq: 18 Mar 2021 17:15

Tgt Ion: 122 Resp: 20206
Ion Ratio Lower Upper
122 100
105 119.9 104.8 144.8
77 99.6 71.0 111.0





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF123387.D

Acq: 18 Mar 2021 17:15

Tgt Ion:164 Resp: 408543

Ion Ratio Lower Upper

164 100

162 99.7 80.8 121.2

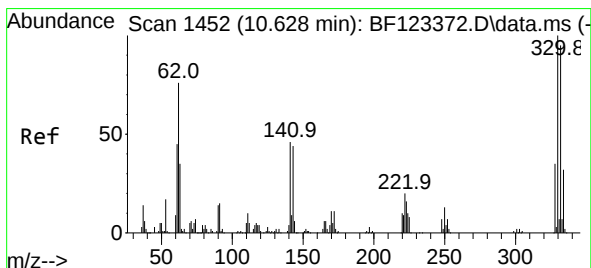
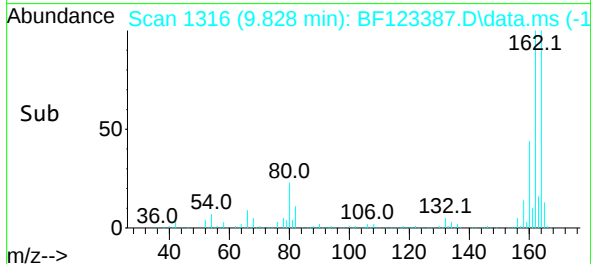
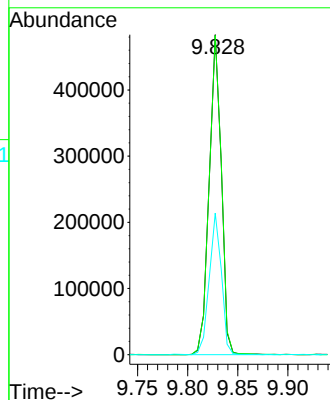
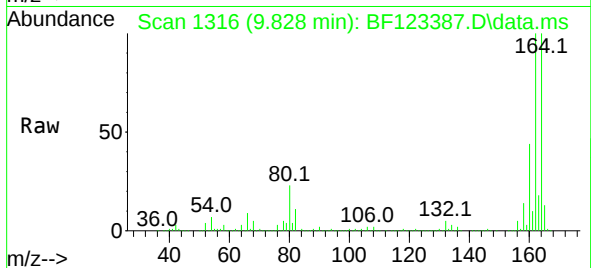
160 44.2 35.4 53.0

Instrument :

BNA_F

ClientSampleId :

MC-WC



#42

2,4,6-Tribromophenol

Concen: 118.50 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF123387.D

Acq: 18 Mar 2021 17:15

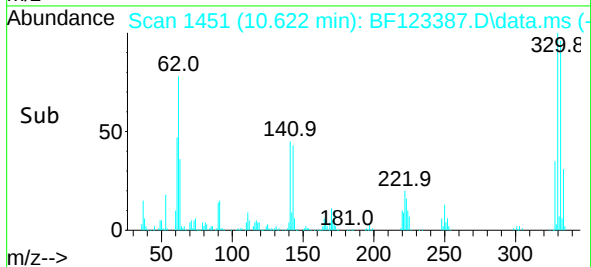
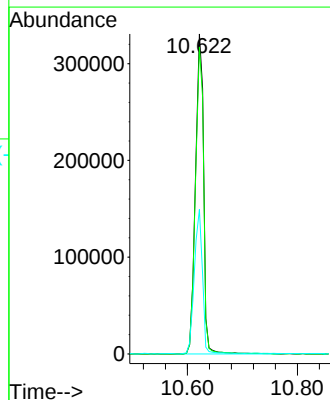
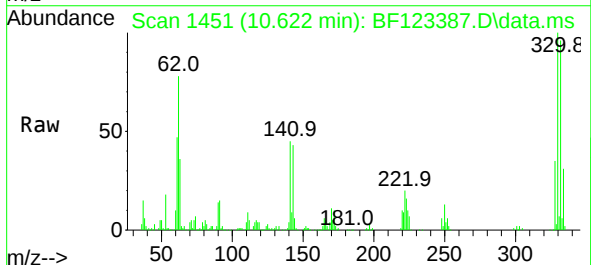
Tgt Ion:330 Resp: 338350

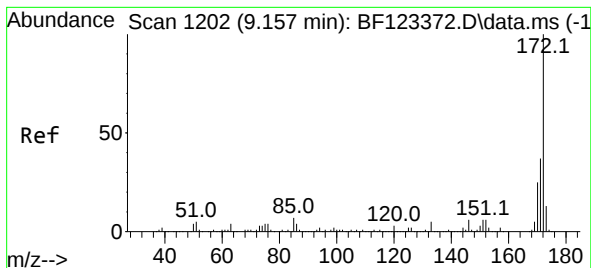
Ion Ratio Lower Upper

330 100

332 96.2 77.5 116.3

141 45.4 23.8 35.8#

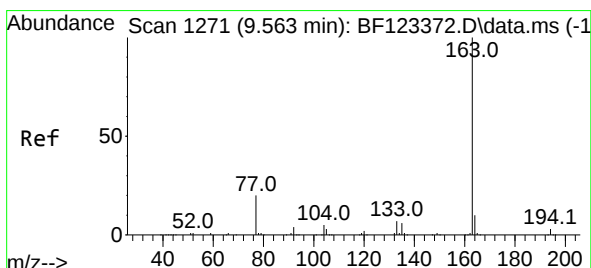
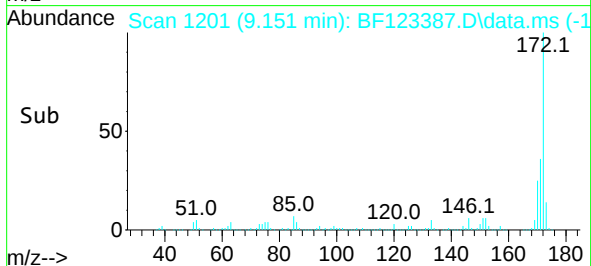
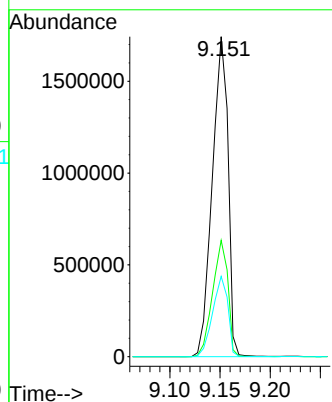
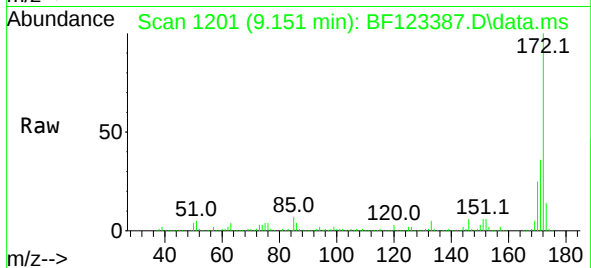




#45
2-Fluorobiphenyl
Concen: 101.79 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF123387.D
Acq: 18 Mar 2021 17:15

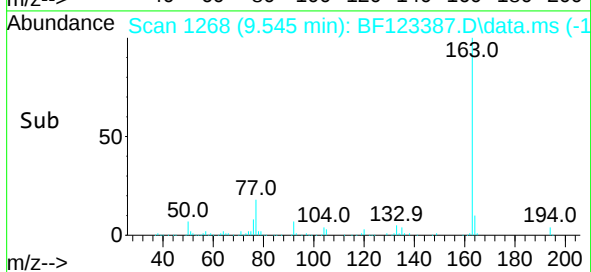
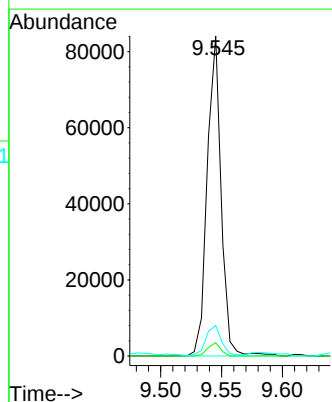
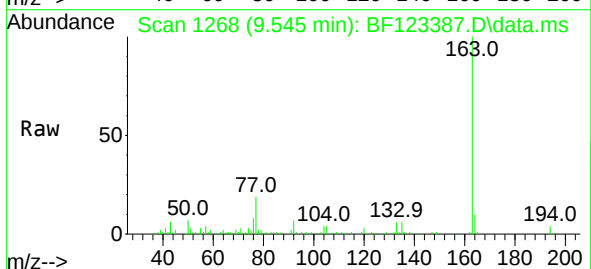
Instrument :
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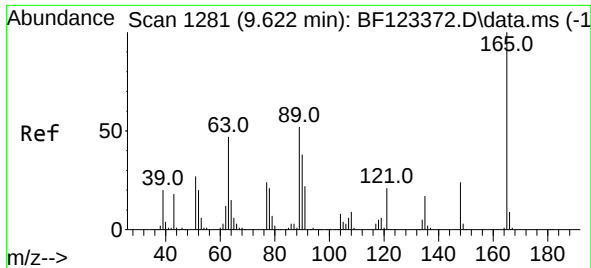
Tgt Ion:172 Resp: 1901955
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 25.1 19.5 29.3



#50
Dimethylphthalate
Concen: 2.32 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BF123387.D
Acq: 18 Mar 2021 17:15

Tgt Ion:163 Resp: 66999
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.5 8.1 12.1

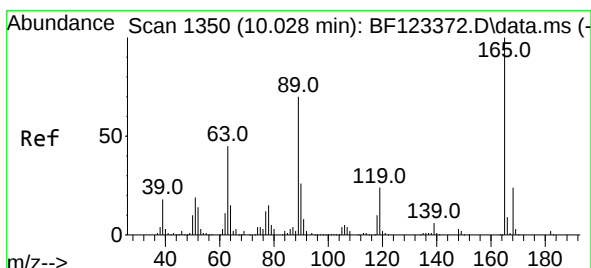
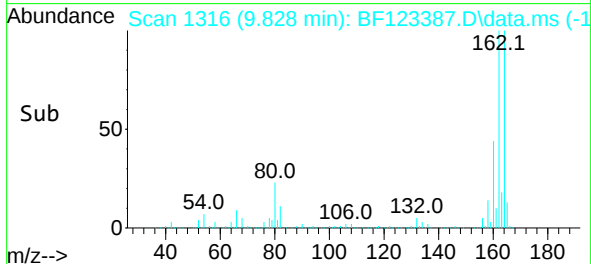
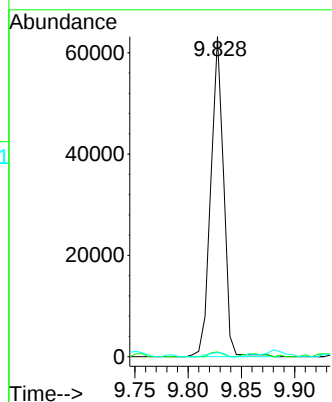
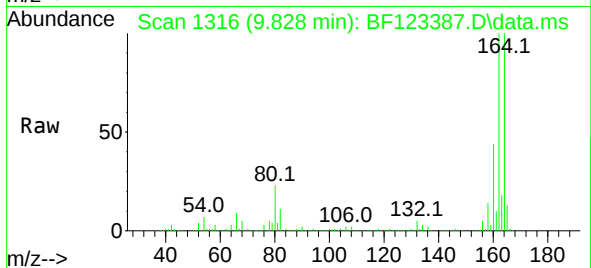




#51
2,6-Dinitrotoluene
Concen: 7.73 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF123387.D
Acq: 18 Mar 2021 17:15

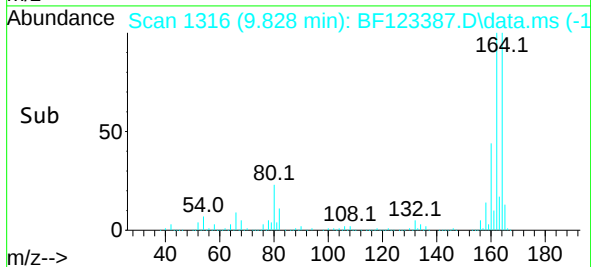
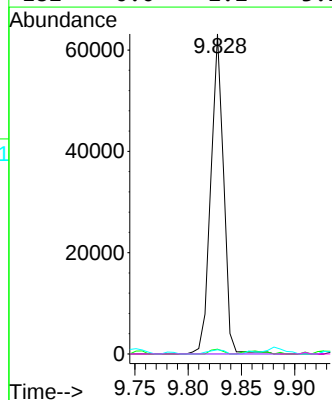
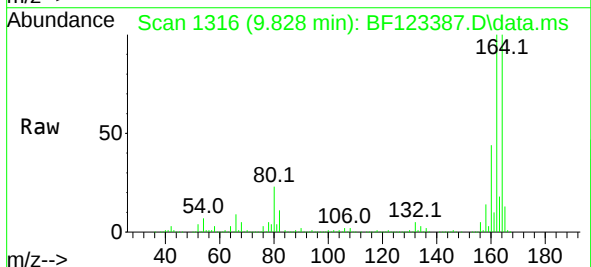
Instrument :
BNA_F
ClientSampled :
MC-WC

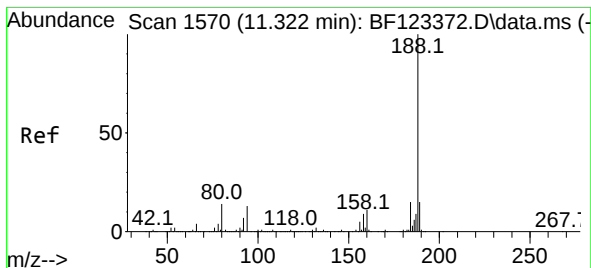
Tgt Ion:165 Resp: 53127
Ion Ratio Lower Upper
165 100
63 1.5 36.6 55.0#
89 1.3 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 6.06 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF123387.D
Acq: 18 Mar 2021 17:15

Tgt Ion:165 Resp: 53127
Ion Ratio Lower Upper
165 100
63 1.5 34.3 51.5#
89 1.3 55.2 82.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF123387.D

Acq: 18 Mar 2021 17:15

Tgt Ion:188 Resp: 644607

Ion Ratio Lower Upper

188 100

94 12.3 7.4 11.2#

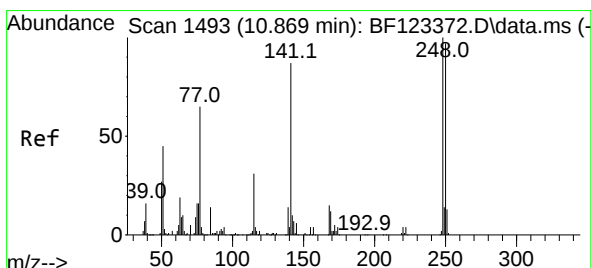
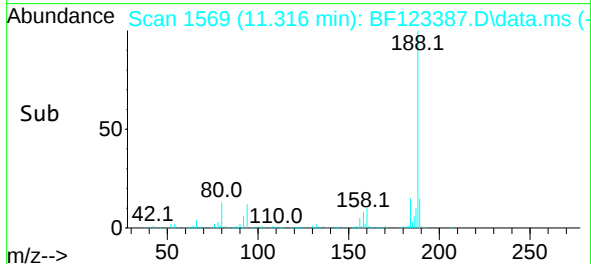
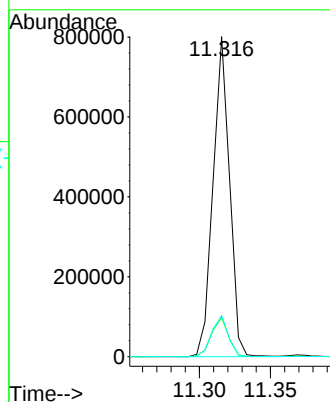
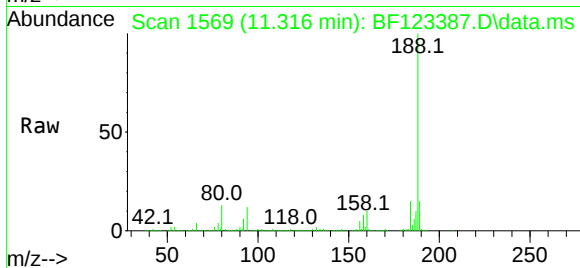
80 12.9 8.2 12.4#

Instrument :

BNA_F

ClientSampleId :

MC-WC



#67

4-Bromophenyl-phenylether

Concen: 3.47 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.247 min

Lab File: BF123387.D

Acq: 18 Mar 2021 17:15

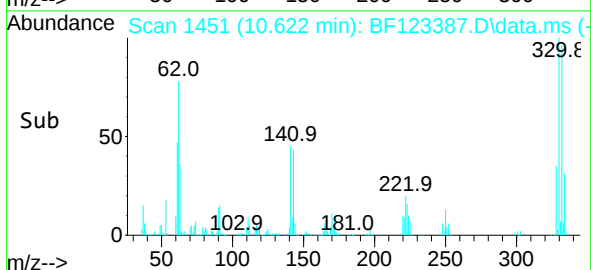
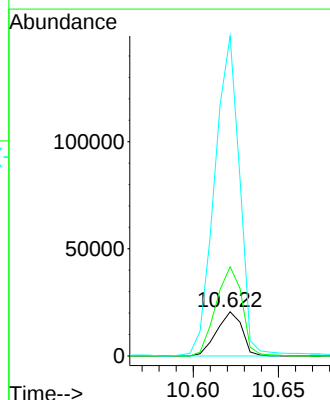
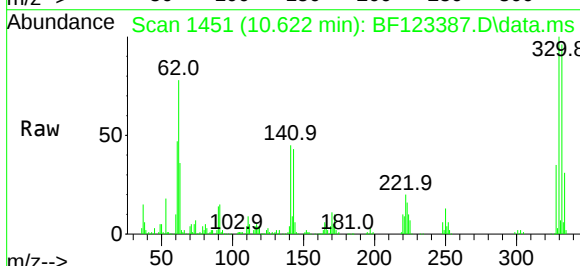
Tgt Ion:248 Resp: 21300

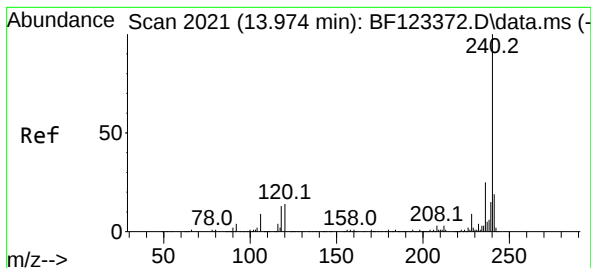
Ion Ratio Lower Upper

248 100

250 201.5 76.8 115.2#

141 723.1 59.8 89.8#

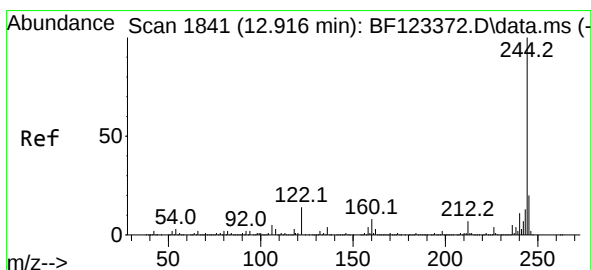
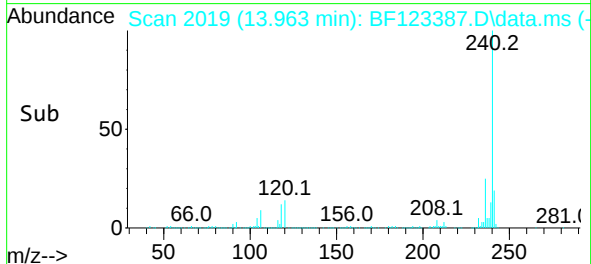
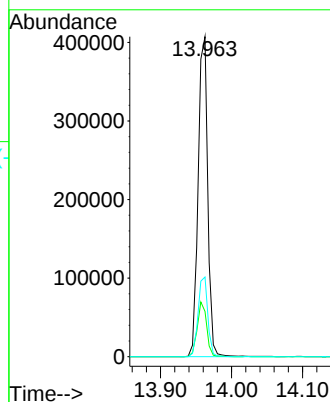
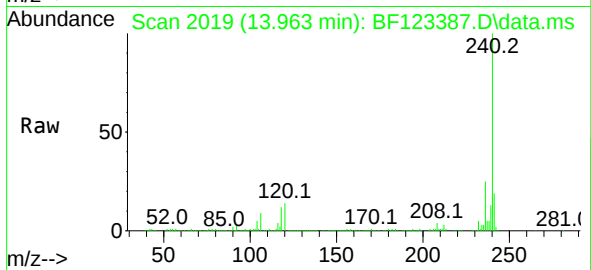




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF123387.D
Acq: 18 Mar 2021 17:15

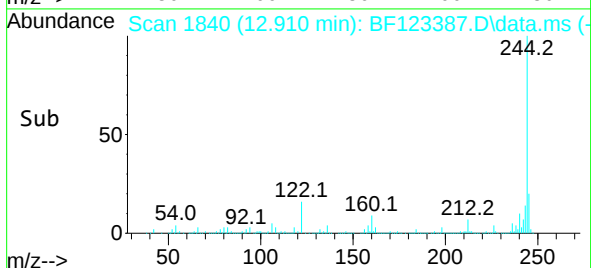
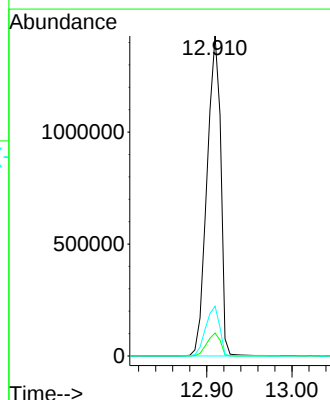
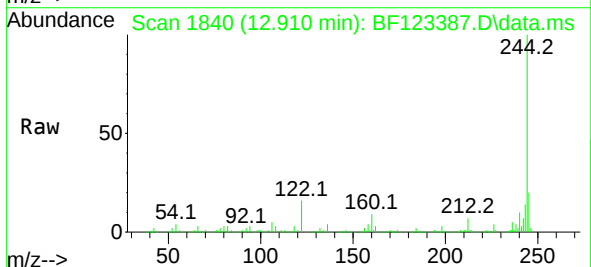
Instrument :
BNA_F
ClientSampleId :
MC-WC

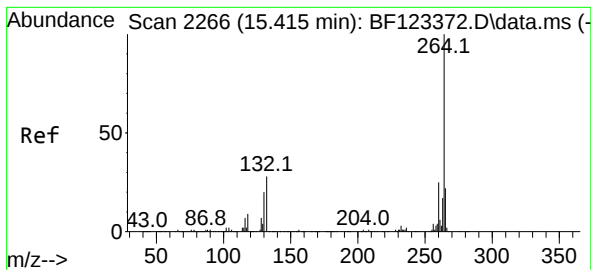
Tgt Ion:240 Resp: 384284
Ion Ratio Lower Upper
240 100
120 14.2 8.6 12.8#
236 24.9 20.3 30.5



#79
Terphenyl-d14
Concen: 80.93 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF123387.D
Acq: 18 Mar 2021 17:15

Tgt Ion:244 Resp: 1597309
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 15.6 8.3 12.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. -0.012 min
 Lab File: BF123387.D
 Acq: 18 Mar 2021 17:15

Instrument :
 BNA_F
 ClientSampleId :
 MC-WC

Tgt Ion:264	Resp: 312591
Ion Ratio	Lower Upper
264	100
260	25.0 18.6 28.0
265	21.8 17.0 25.6

