

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050721\
 Data File : BF123873.D
 Acq On : 7 May 2021 18:55
 Operator : JU/CG
 Sample : M2307-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Quant Time: May 08 00:32:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 07 13:43:24 2021
 Response via : Initial Calibration

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

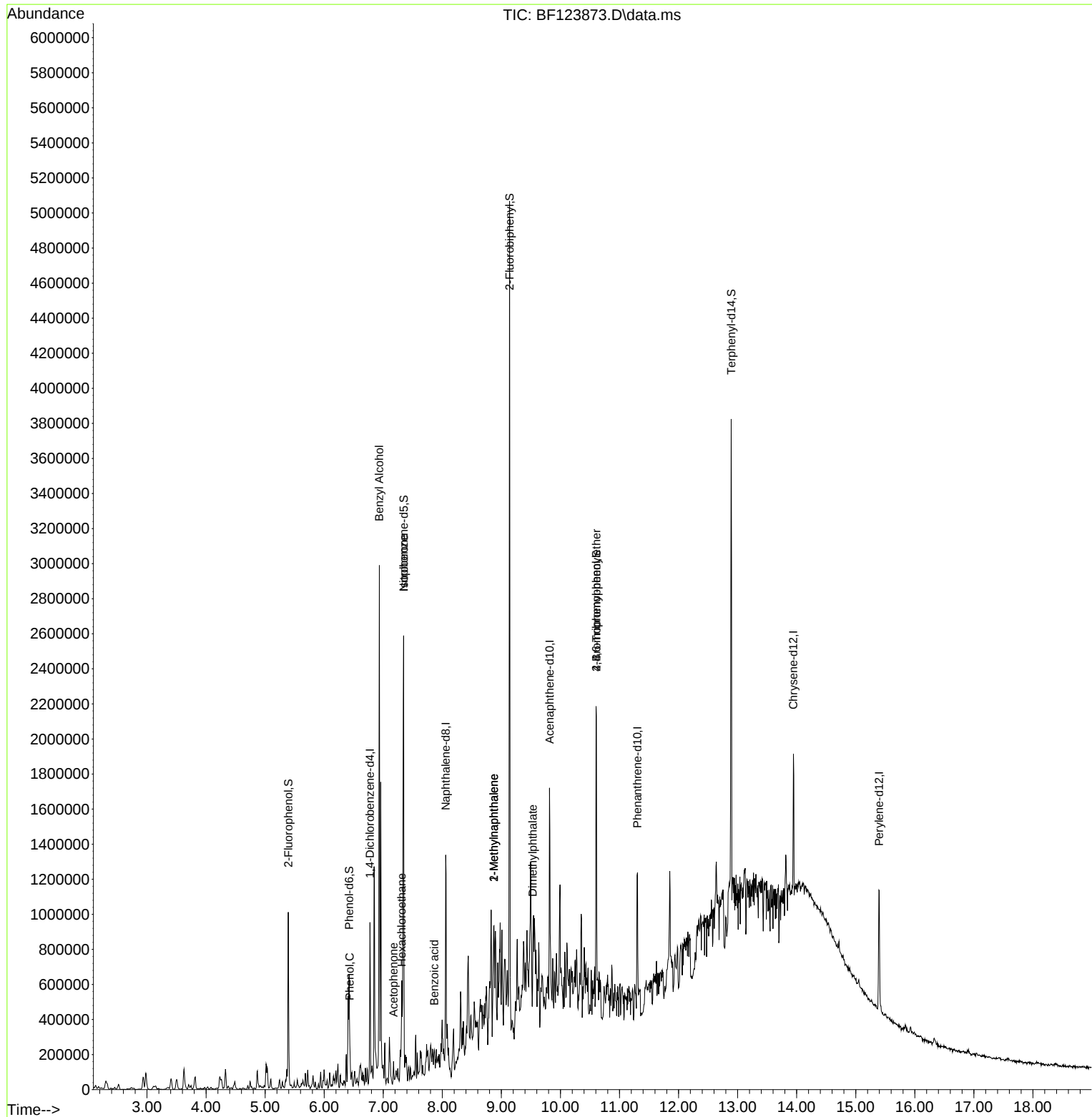
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	100233	20.00	ng	0.00
21) Naphthalene-d8	8.057	136	400995	20.00	ng	0.00
39) Acenaphthene-d10	9.816	164	162435	20.00	ng	0.00
64) Phenanthrene-d10	11.304	188	267292	20.00	ng	0.00
76) Chrysene-d12	13.945	240	271070	20.00	ng	0.00
86) Perylene-d12	15.398	264	324901	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	222526	35.17	ng	0.00
7) Phenol-d6	6.422	99	176313	20.23	ng	0.00
23) Nitrobenzene-d5	7.345	82	680734	76.63	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	197060	97.45	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1060676	95.09	ng	0.00
79) Terphenyl-d14	12.892	244	950504	67.52	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.434	94	37208	3.97	ng	94
15) Benzyl Alcohol	6.934	79	16044	2.35	ng	# 58
18) Hexachloroethane	7.310	117	36198	13.14	ng	# 39
22) Acetophenone	7.175	105	24311	2.23	ng	# 52
25) Isophorone	7.345	82	671121	40.29	ng	# 69
32) Benzoic acid	7.863	122	1742	5.77	ng	# 4
37) 2-Methylnaphthalene	8.875	142	37546	2.79	ng	95
38) 1-Methylnaphthalene	8.875	142	37546	2.97	ng	97
50) Dimethylphthalate	9.533	163	42018	3.67	ng	# 91
67) 4-Bromophenyl-phenylether	10.610	248	11034	3.92	ng	# 1

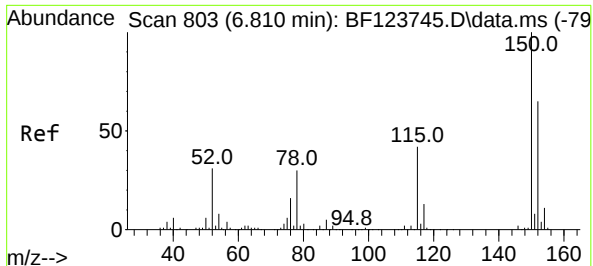
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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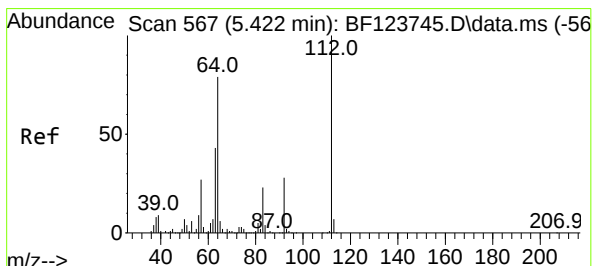
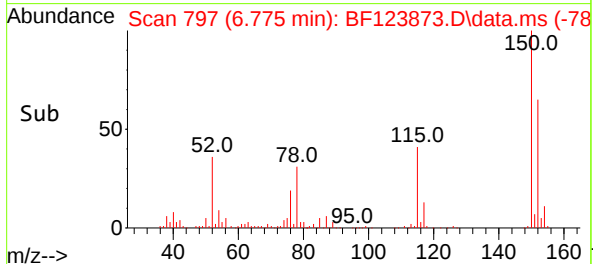
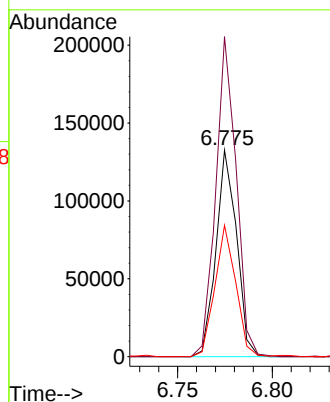
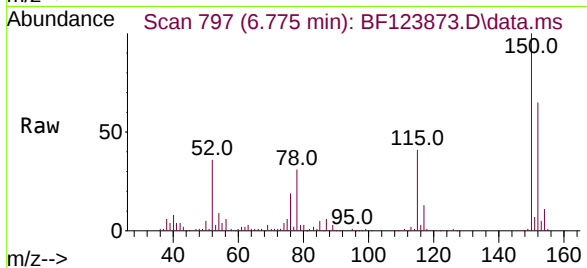




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

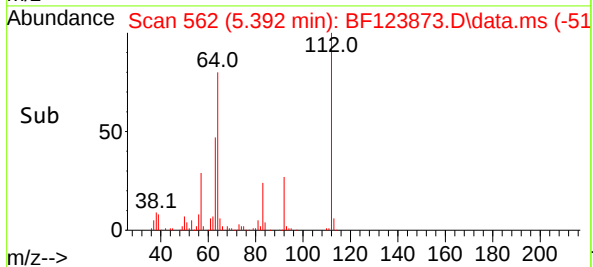
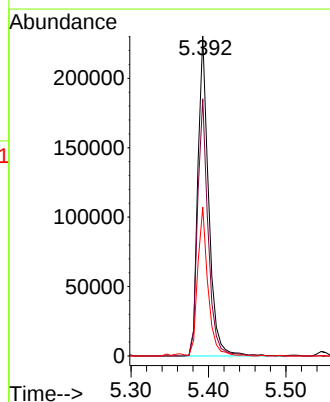
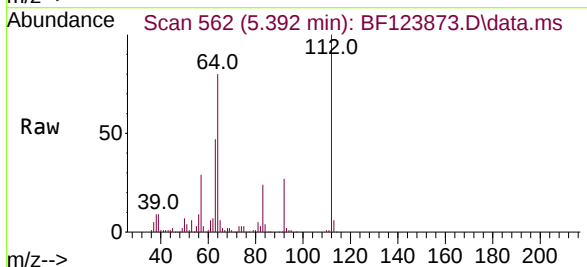
Instrument :
BNA_F
ClientSampleId :
MW-05

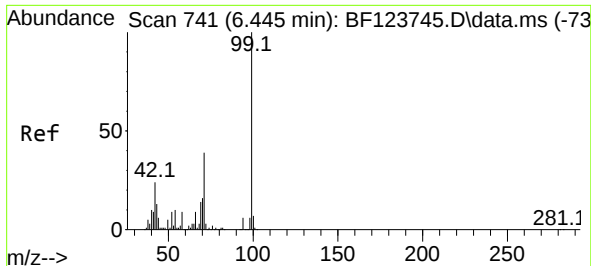
Tgt Ion:152 Resp: 100233
Ion Ratio Lower Upper
152 100
150 154.9 127.0 190.6
115 63.6 54.3 81.5



#5
2-Fluorophenol
Concen: 35.17 ng
RT: 5.392 min Scan# 562
Delta R.T. -0.006 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

Tgt Ion:112 Resp: 222526
Ion Ratio Lower Upper
112 100
64 80.3 61.4 92.0
63 46.6 33.0 49.4

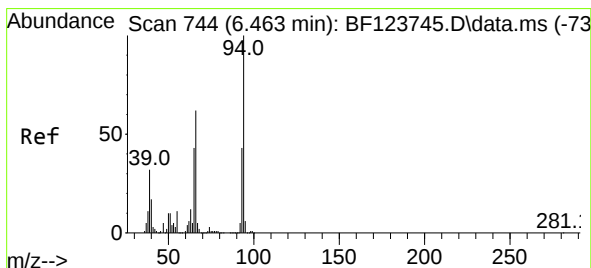
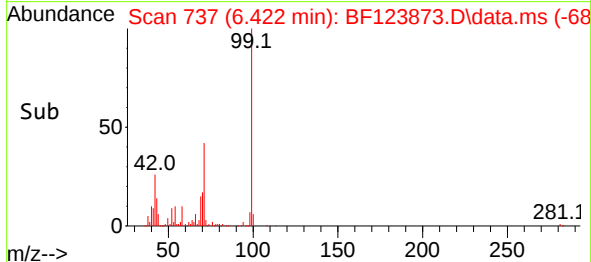
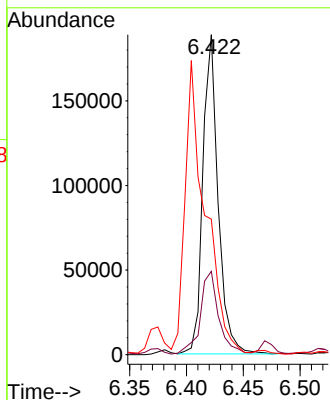
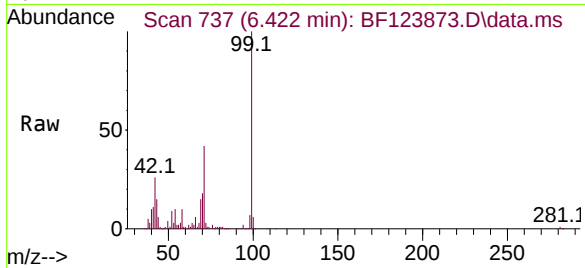




#7
Phenol-d6
Concen: 20.23 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

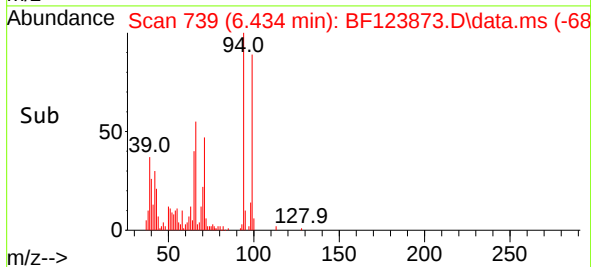
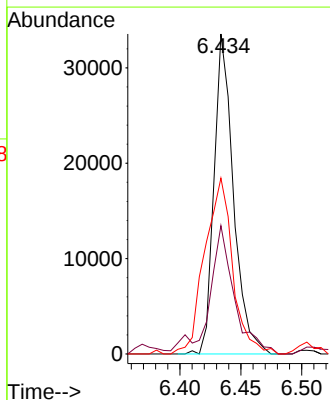
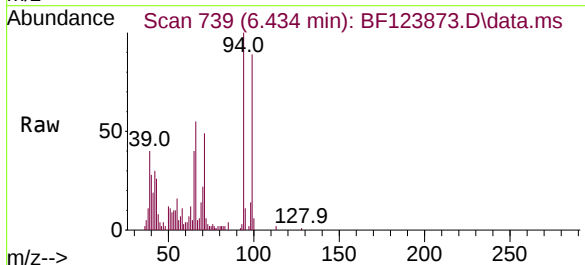
Instrument :
BNA_F
ClientSampleId :
MW-05

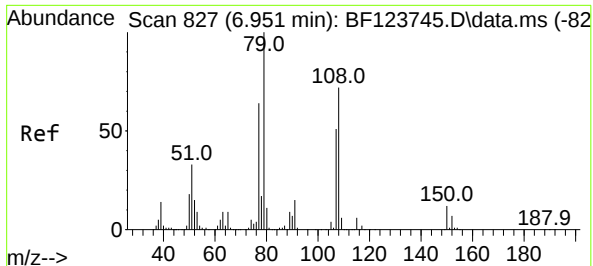
Tgt Ion: 99 Resp: 176313
Ion Ratio Lower Upper
99 100
42 26.1 19.8 29.8
71 42.4 31.1 46.7



#10
Phenol
Concen: 3.97 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

Tgt Ion: 94 Resp: 37208
Ion Ratio Lower Upper
94 100
65 40.1 18.1 58.1
66 54.9 29.0 69.0

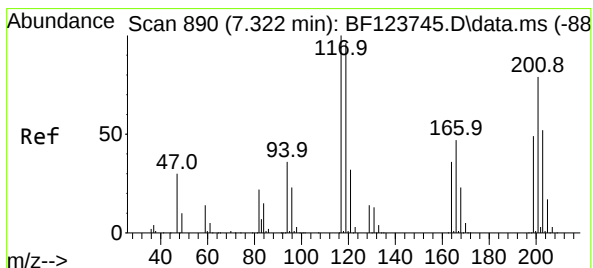
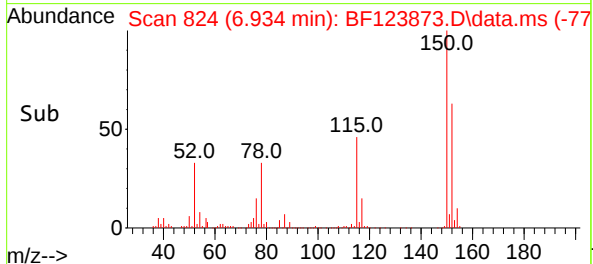
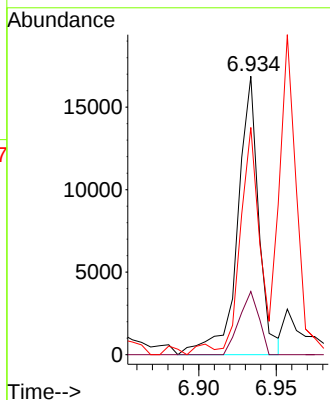
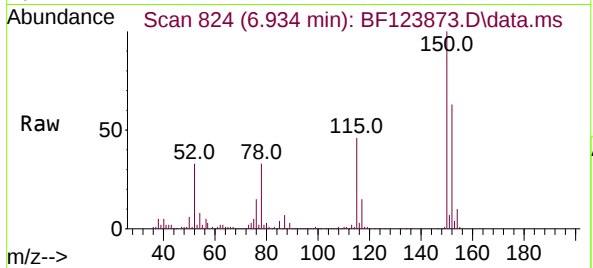




#15
Benzyl Alcohol
Concen: 2.35 ng
RT: 6.934 min Scan# 824
Delta R.T. 0.006 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

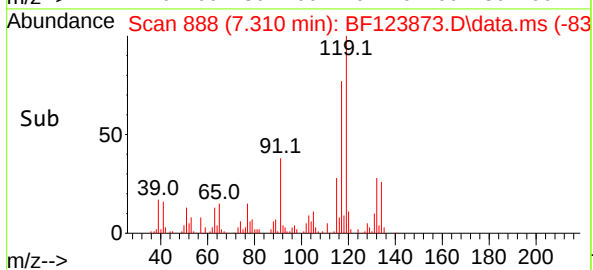
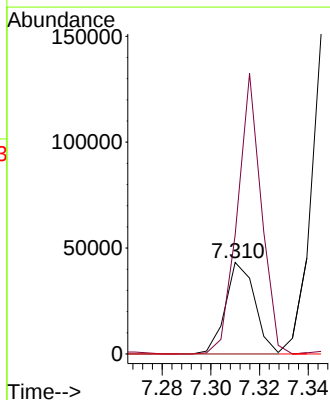
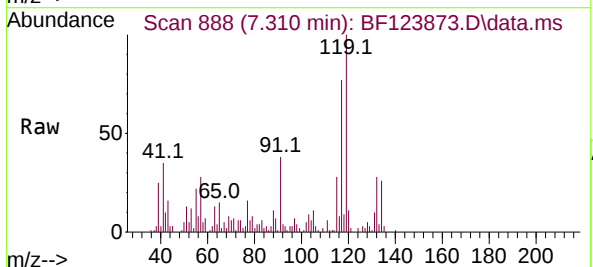
Instrument :
BNA_F
ClientSampled :
MW-05

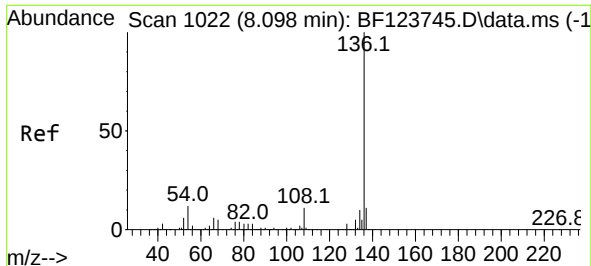
Tgt Ion: 79 Resp: 16044
Ion Ratio Lower Upper
79 100
108 22.7 55.8 83.8#
77 81.6 49.9 74.9#



#18
Hexachloroethane
Concen: 13.14 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.018 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

Tgt Ion: 117 Resp: 36198
Ion Ratio Lower Upper
117 100
119 130.2 77.8 116.8#
201 0.0 67.8 101.8#



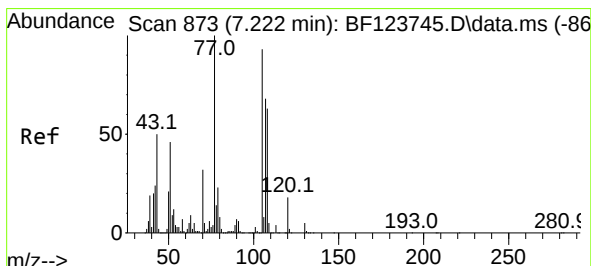
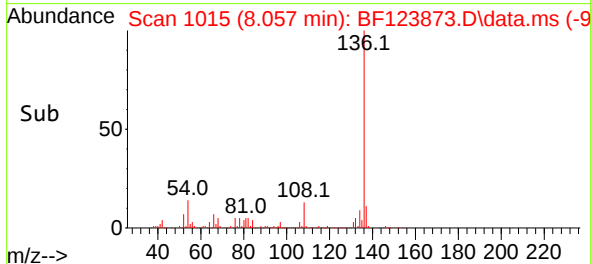
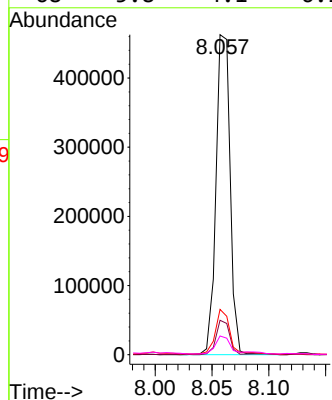
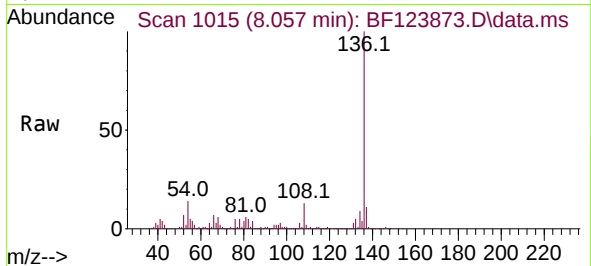


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:136 Resp: 400995

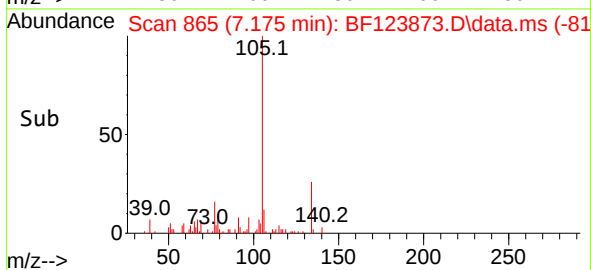
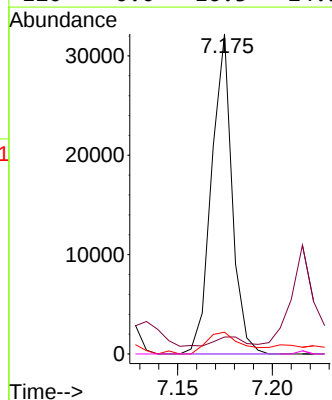
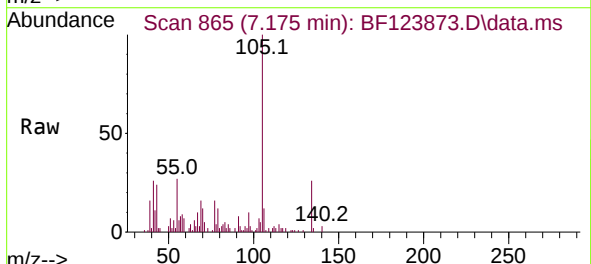
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	14.2	9.8	14.6
68	5.8	4.1	6.1

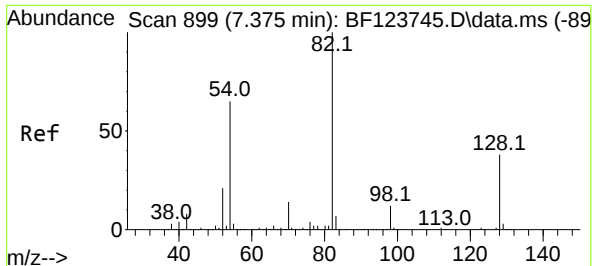


#22
Acetophenone
Concen: 2.23 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.018 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

Tgt Ion:105 Resp: 24311

Ion	Ratio	Lower	Upper
105	100		
71	5.3	4.2	6.4
51	6.8	33.6	50.4#
120	0.0	16.3	24.5#





#23

Nitrobenzene-d5

Concen: 76.63 ng

RT: 7.345 min Scan# 894

Delta R.T. 0.000 min

Lab File: BF123873.D

Acq: 7 May 2021 18:55

Tgt Ion: 82 Resp: 680734

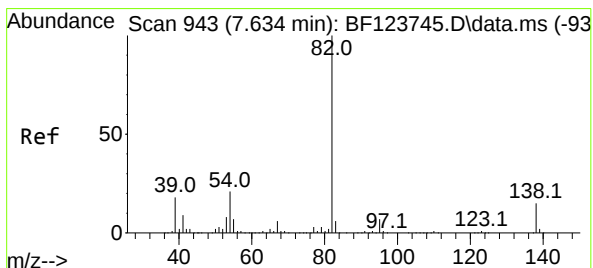
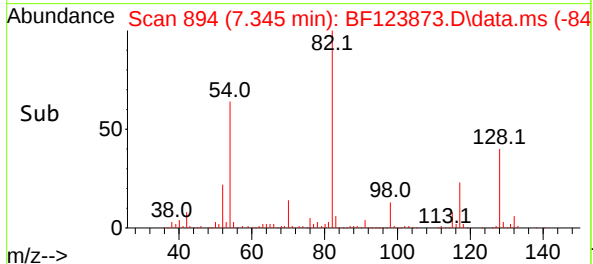
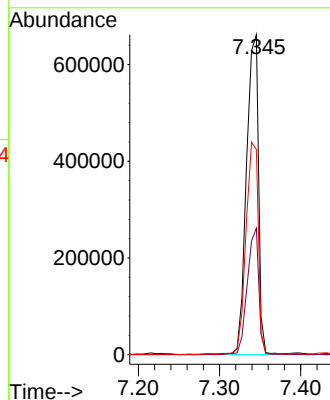
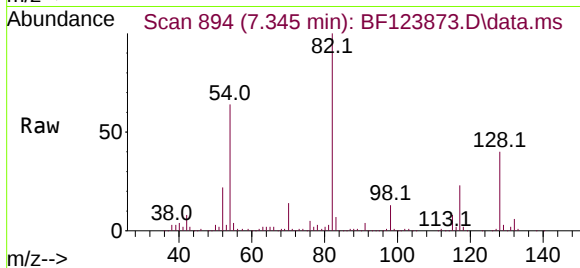
Ion	Ratio	Lower	Upper
82	100		
128	39.5	29.4	44.2
54	64.2	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

MW-05



#25

Isophorone

Concen: 40.29 ng

RT: 7.345 min Scan# 894

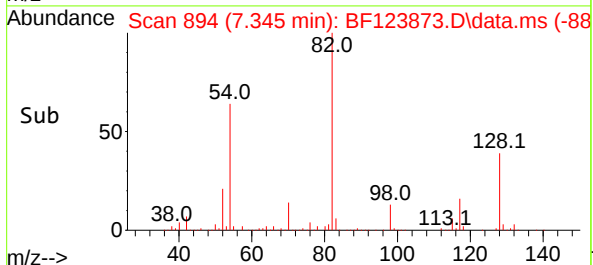
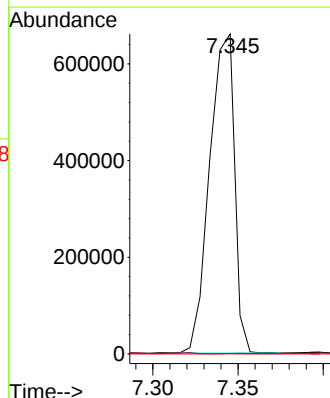
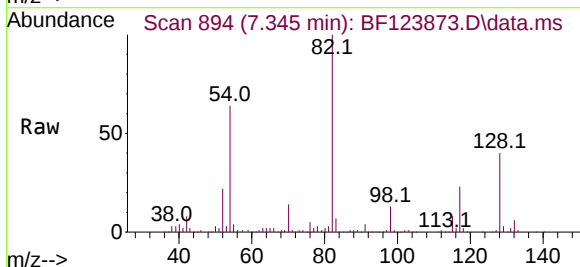
Delta R.T. -0.265 min

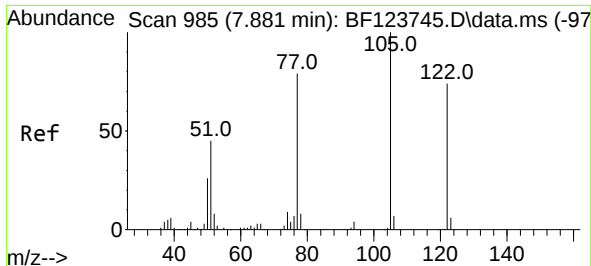
Lab File: BF123873.D

Acq: 7 May 2021 18:55

Tgt Ion: 82 Resp: 671121

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.8	8.6#
138	0.1	11.8	17.8#

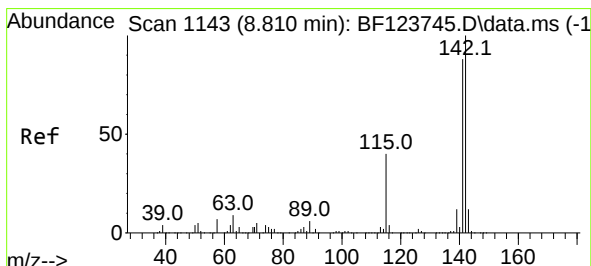
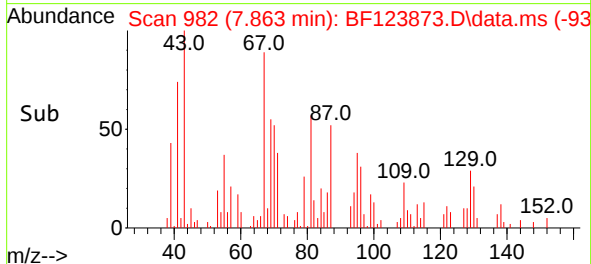
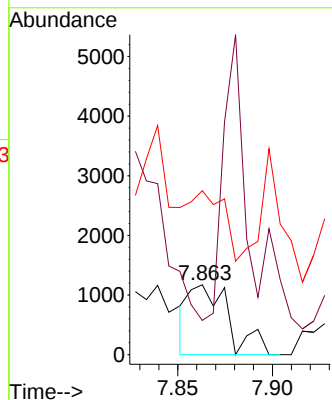
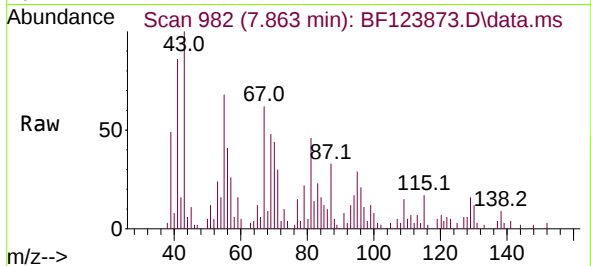




#32
Benzoic acid
Concen: 5.77 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

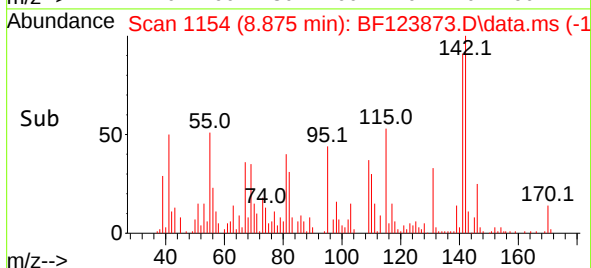
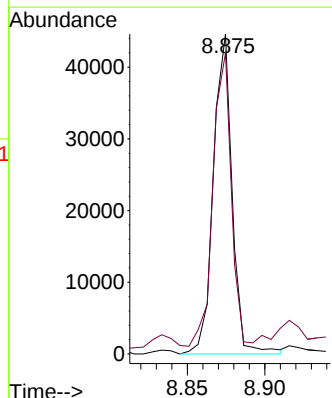
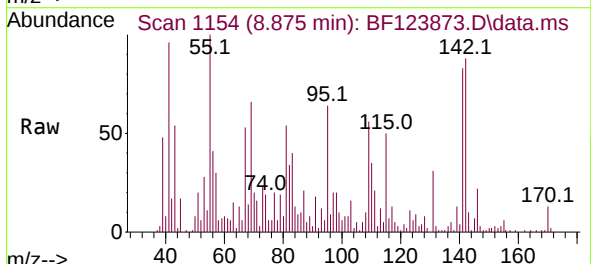
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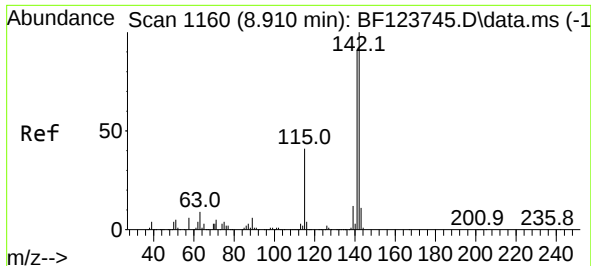
Tgt Ion:122 Resp: 1742
Ion Ratio Lower Upper
122 100
105 49.1 107.8 147.8#
77 234.6 81.6 121.6#



#37
2-Methylnaphthalene
Concen: 2.79 ng
RT: 8.875 min Scan# 1154
Delta R.T. 0.094 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

Tgt Ion:142 Resp: 37546
Ion Ratio Lower Upper
142 100
141 94.0 71.8 107.6

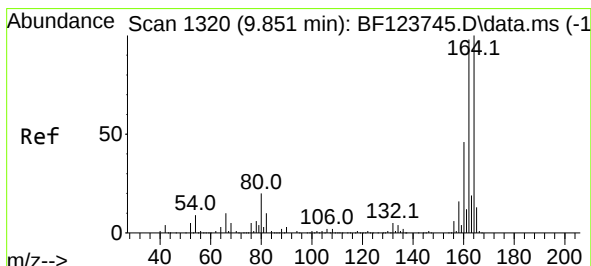
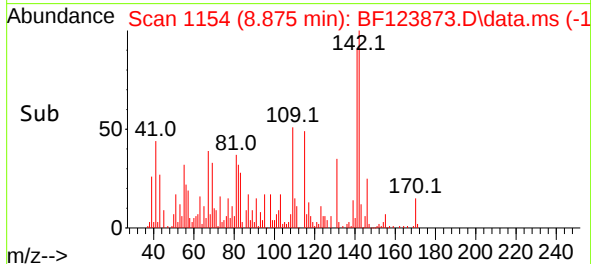
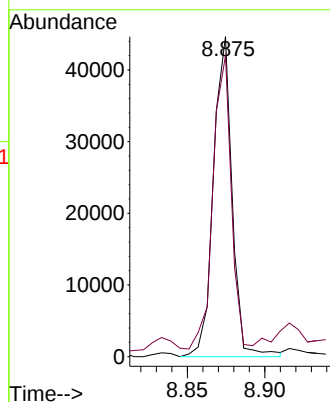
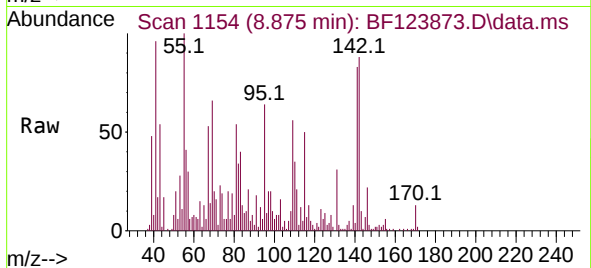




#38
1-Methylnaphthalene
Concen: 2.97 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

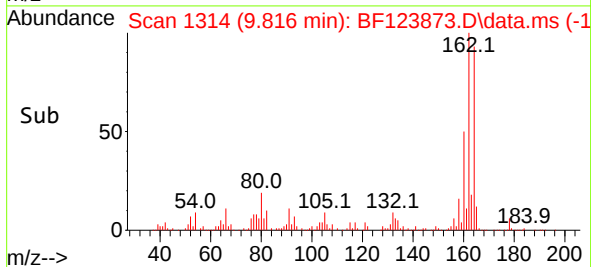
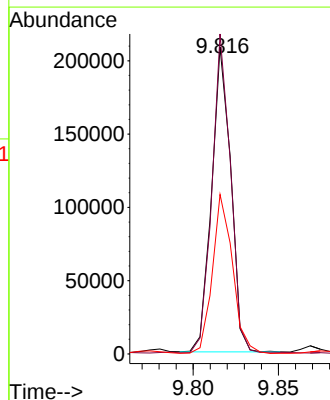
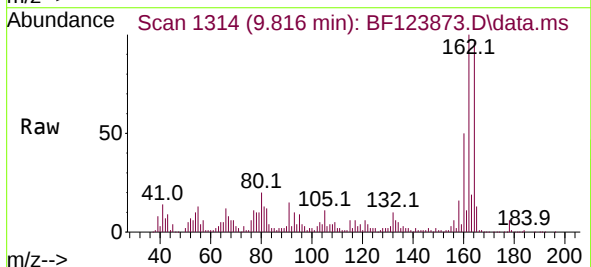
Instrument :
BNA_F
ClientSampleId :
MW-05

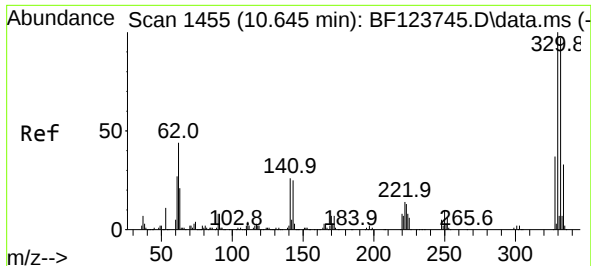
Tgt Ion:142 Resp: 37546
Ion Ratio Lower Upper
142 100
141 94.0 72.8 109.2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

Tgt Ion:164 Resp: 162435
Ion Ratio Lower Upper
164 100
162 104.3 80.7 121.1
160 52.0 37.3 55.9

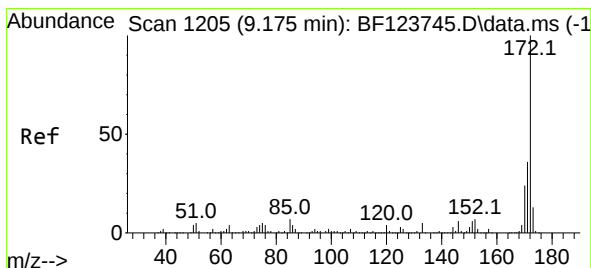
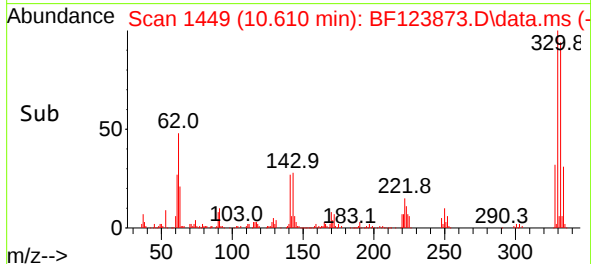
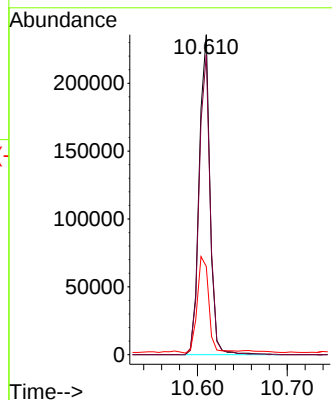
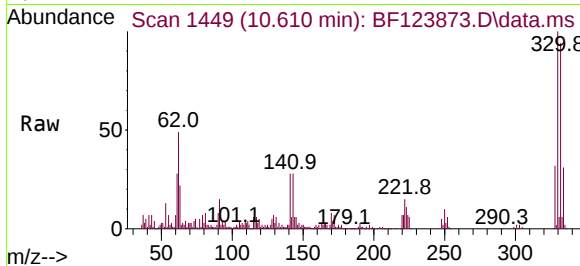




#42
2,4,6-Tribromophenol
Concen: 97.45 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

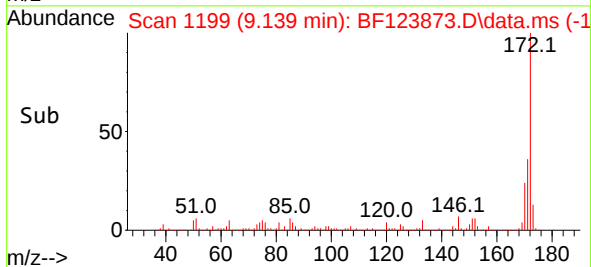
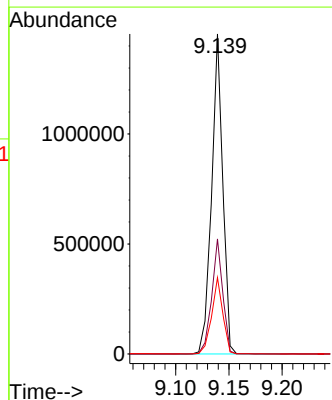
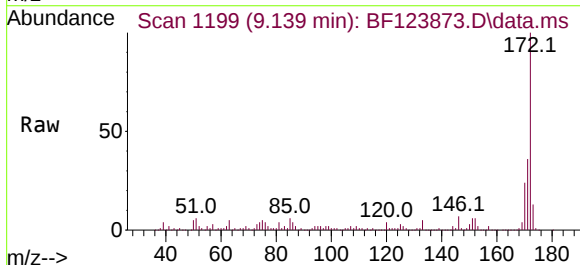
Instrument :
BNA_F
ClientSampleId :
MW-05

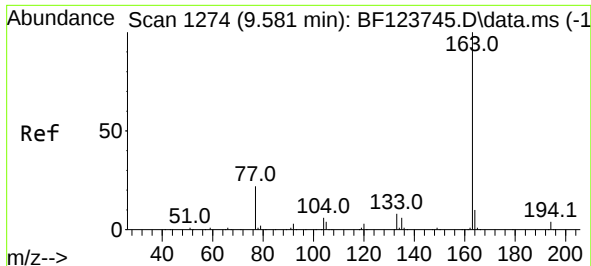
Tgt Ion:330 Resp: 197060
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 32.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 95.09 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

Tgt Ion:172 Resp: 1060676
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 23.8 19.2 28.8

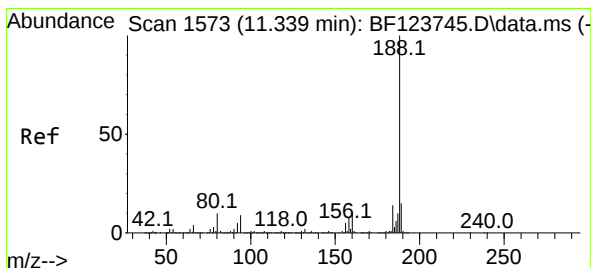
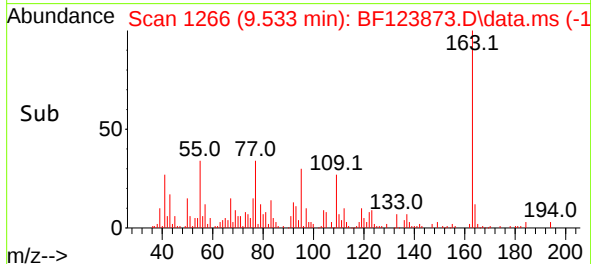
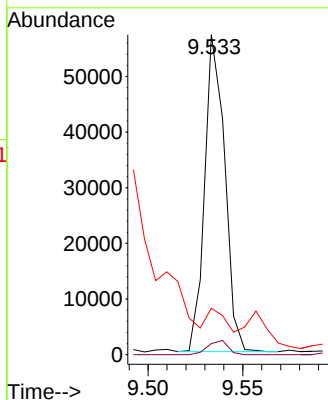
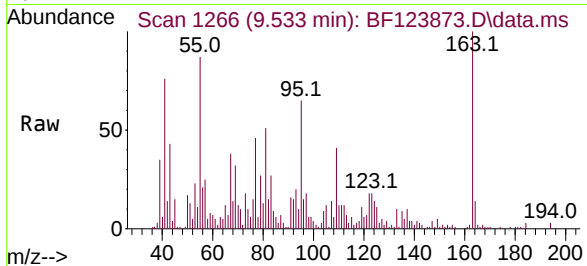




#50
Dimethylphthalate
Concen: 3.67 ng
RT: 9.533 min Scan# 1266
Delta R.T. -0.018 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

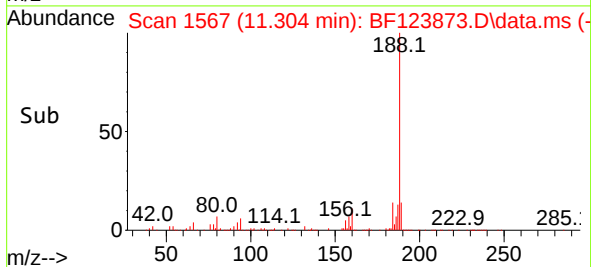
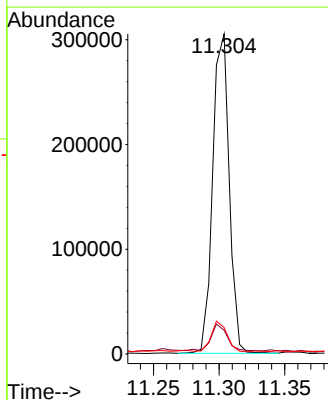
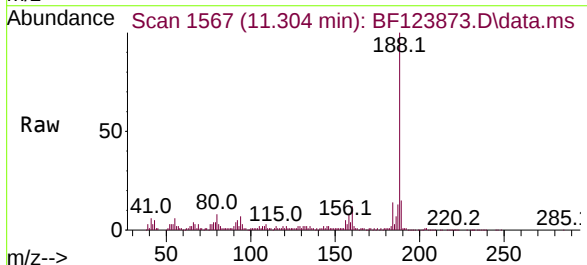
Instrument :
BNA_F
ClientSampleId :
MW-05

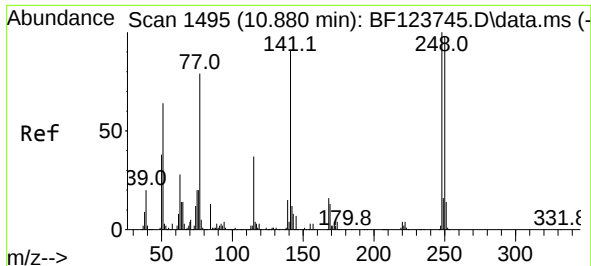
Tgt Ion:163 Resp: 42018
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 14.5 8.2 12.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.304 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

Tgt Ion:188 Resp: 267292
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 8.3 8.2 12.2

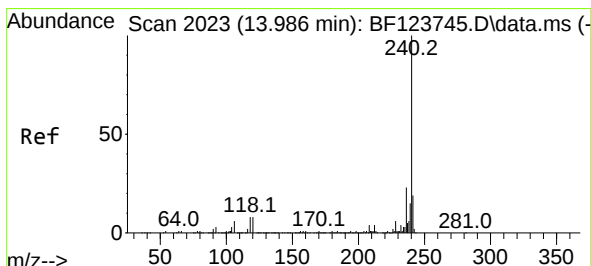
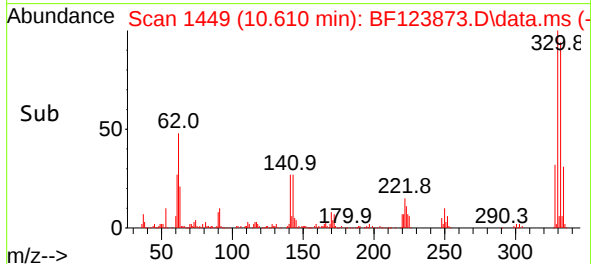
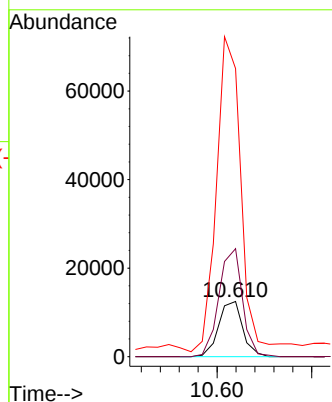
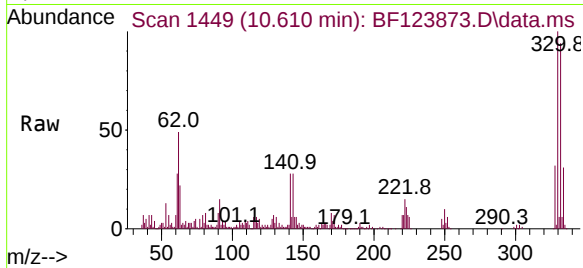




#67
4-Bromophenyl-phenylether
Concen: 3.92 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.241 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

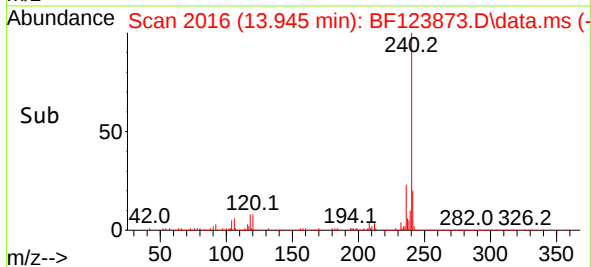
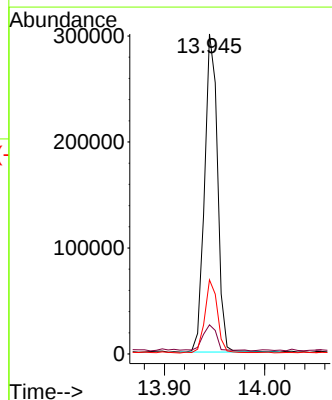
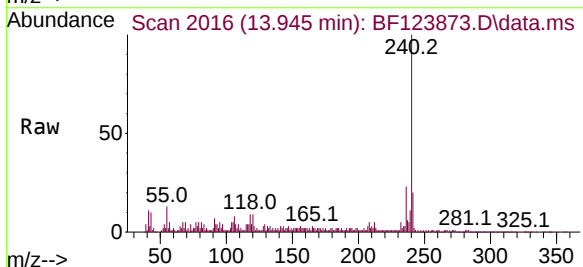
Instrument :
BNA_F
ClientSampleId :
MW-05

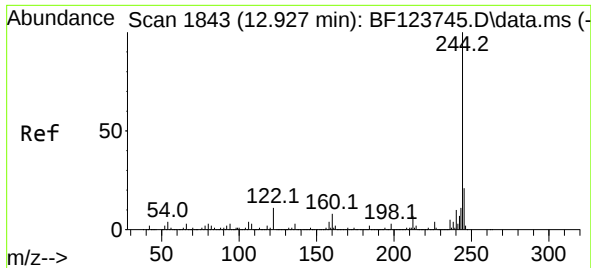
Tgt Ion:248 Resp: 11034
Ion Ratio Lower Upper
248 100
250 195.4 77.4 116.2#
141 521.3 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

Tgt Ion:240 Resp: 271070
Ion Ratio Lower Upper
240 100
120 9.1 7.2 10.8
236 23.1 19.0 28.4

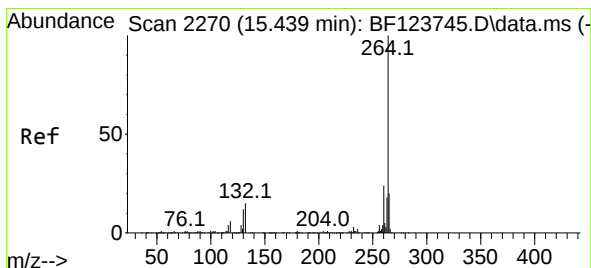
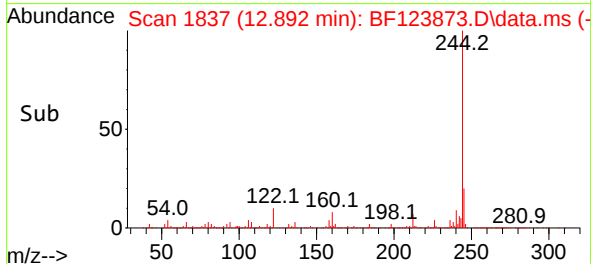
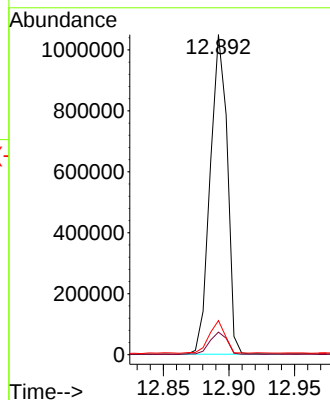
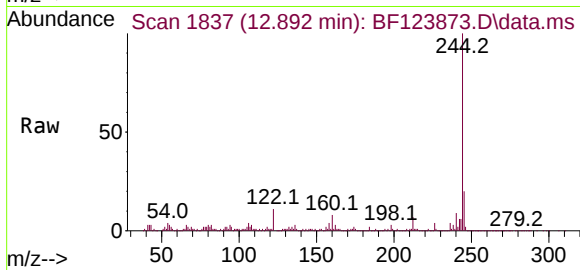




#79
Terphenyl-d14
Concen: 67.52 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:244 Resp: 950504
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 10.6 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.012 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

Tgt Ion:264 Resp: 324901
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.6 17.8 26.8

