

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)

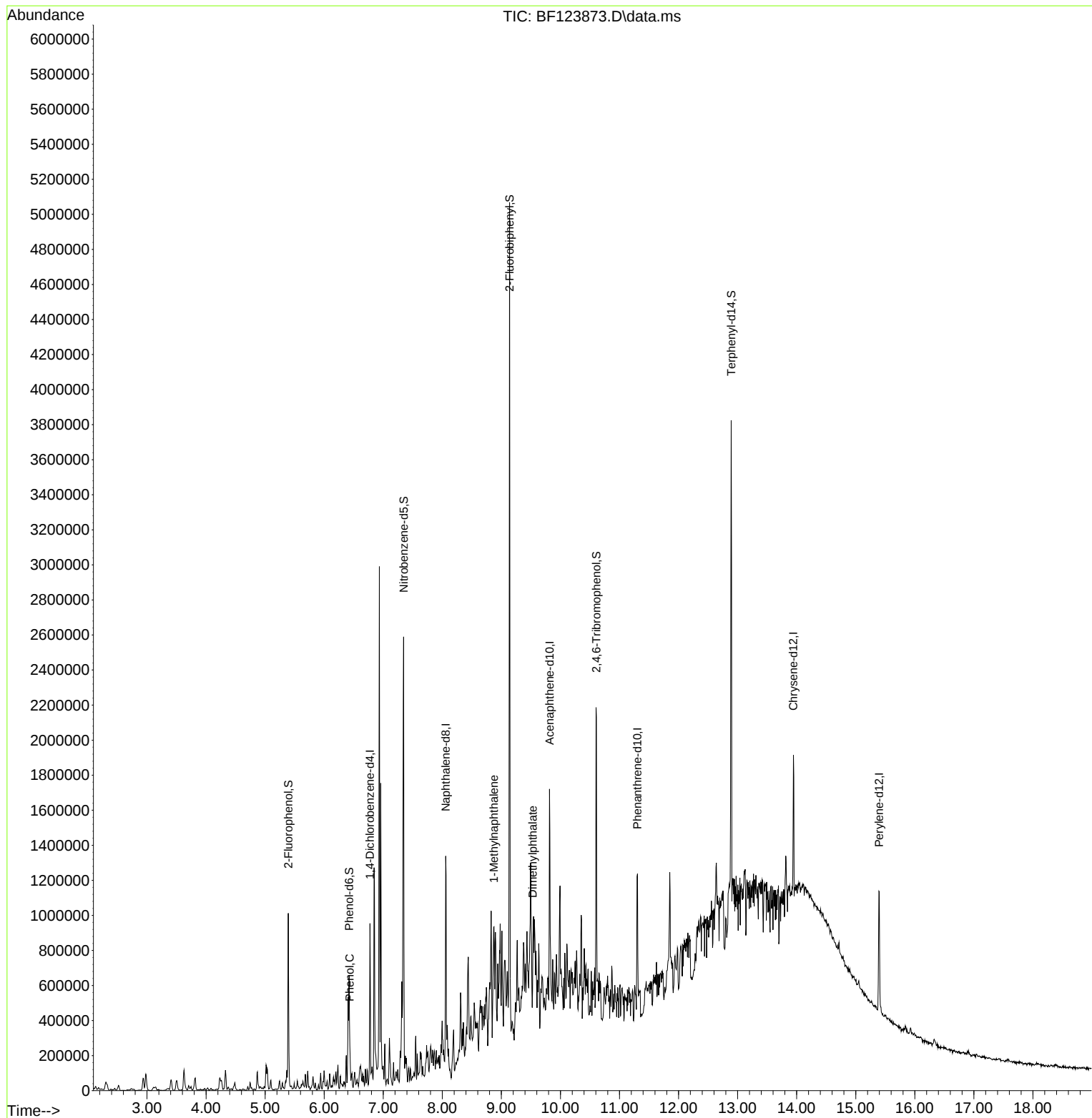
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	100233	20.00	ng	0.00
21) Naphthalene-d8	8.057	136	400995	20.00	ng	0.00
39) Acenaphthene-d10	9.816	164	162435	20.00	ng	0.00
64) Phenanthrene-d10	11.304	188	267292	20.00	ng	0.00
76) Chrysene-d12	13.945	240	271070	20.00	ng	0.00
86) Perylene-d12	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
38) 1-Methylnaphthalene	8.875	142	37546	2.97	ng	97
50) Dimethylphthalate	9.533	163	42018	3.67	ng	# 91

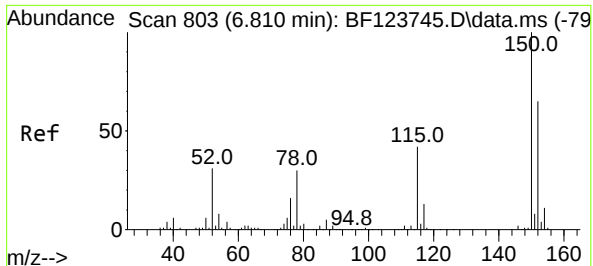
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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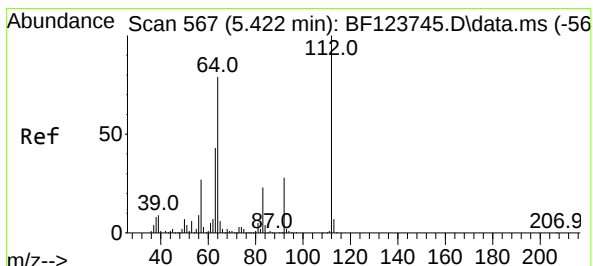
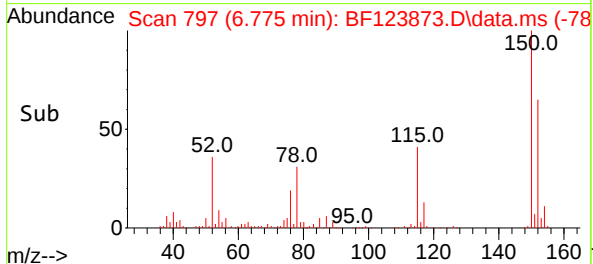
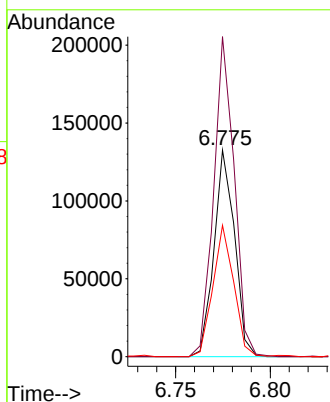
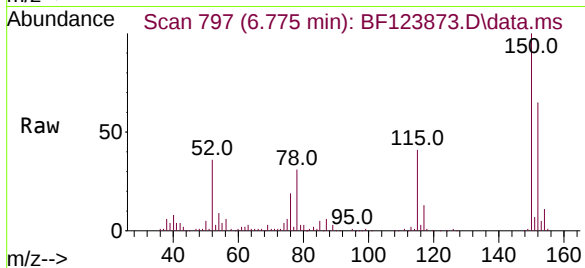




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

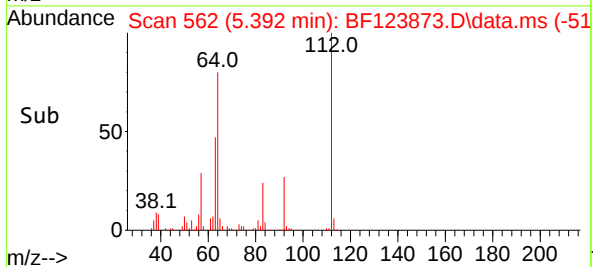
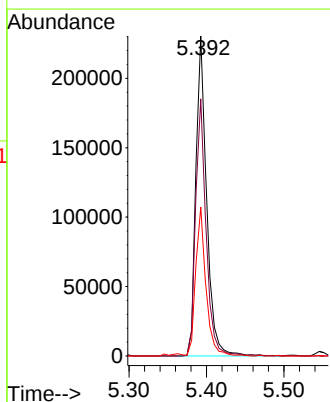
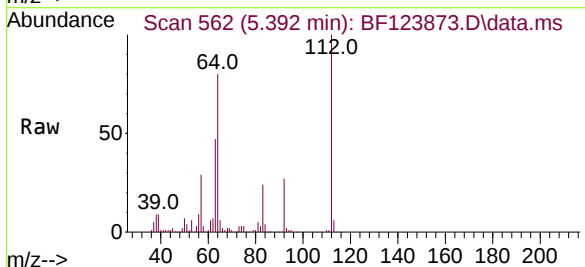
Instrument :
BNA_F
ClientSampleId :
MW-05

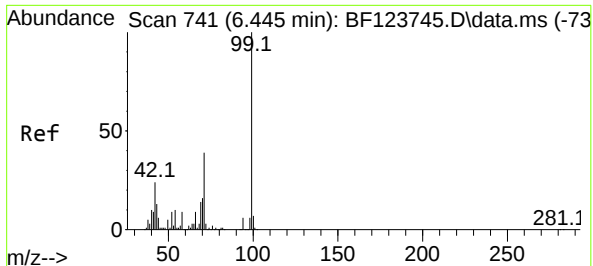
Tgt Ion:152 Resp: 100233
Ion Ratio Lower Upper
152 100
150 154.9 127.0 190.6
115 63.6 54.3 81.5



#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

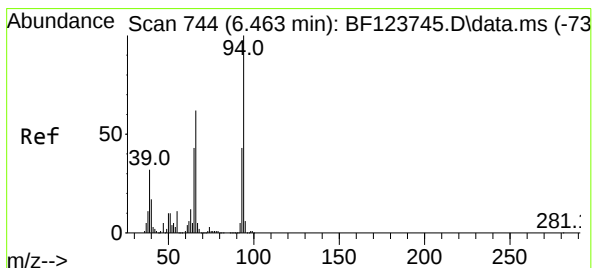
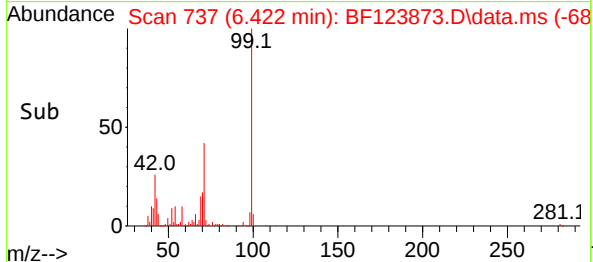
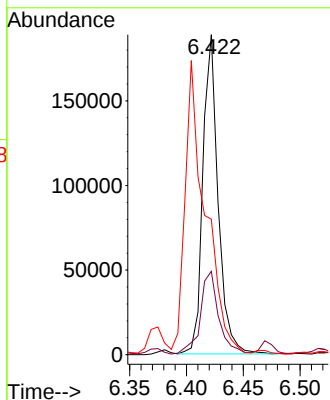
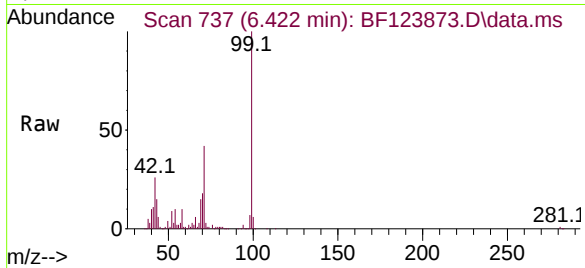




#7
Phenol-d6
Concen: 20.23 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

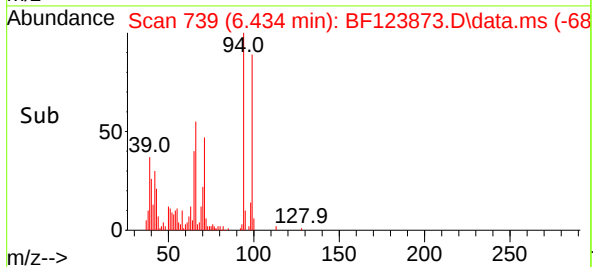
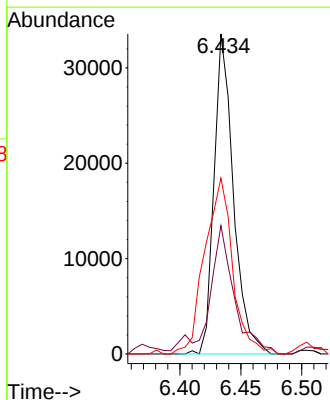
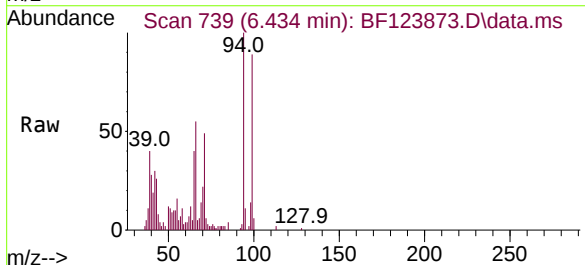
Instrument :
BNA_F
ClientSampleId :
MW-05

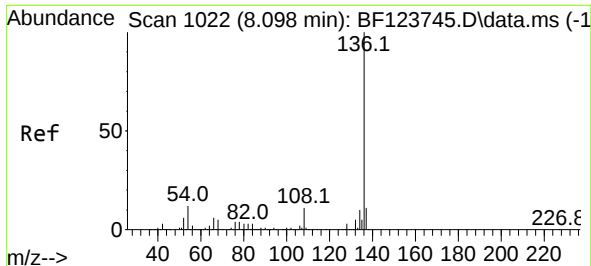
Tgt Ion: 99 Resp: 176313
Ion Ratio Lower Upper
99 100
42 26.1 19.8 29.8
71 42.4 31.1 46.7



#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



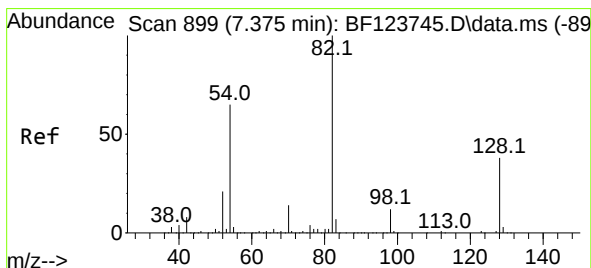
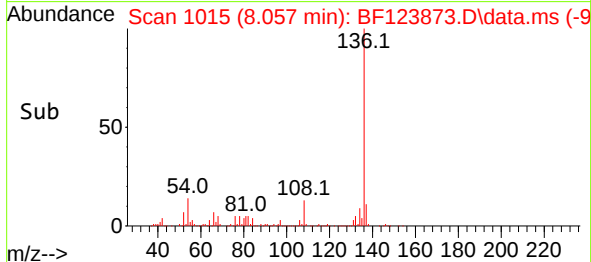
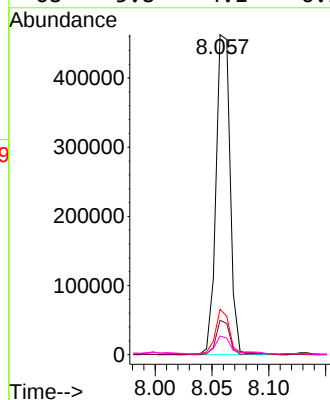
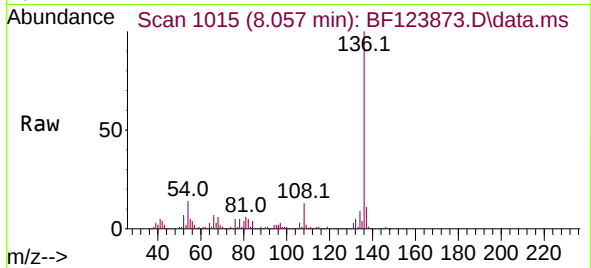


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:136 Resp: 400995

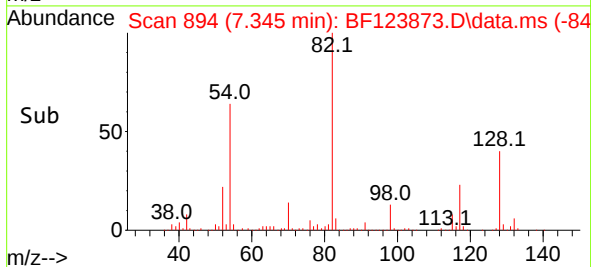
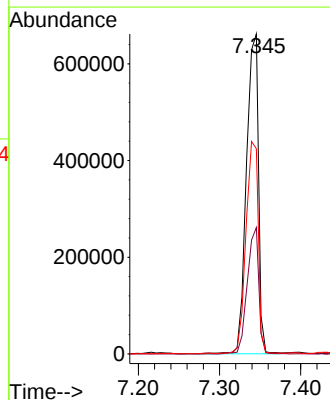
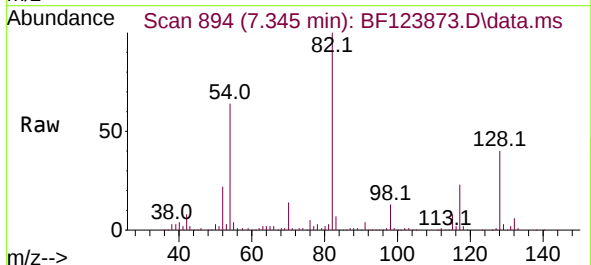
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	14.2	9.8	14.6
68	5.8	4.1	6.1

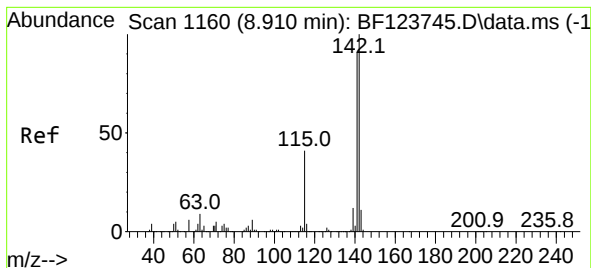


#23
Nitrobenzene-d5
Concen: 76.63 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

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





#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 :

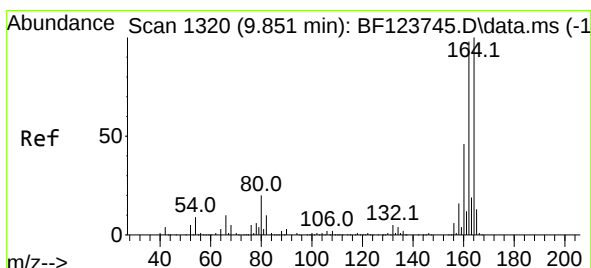
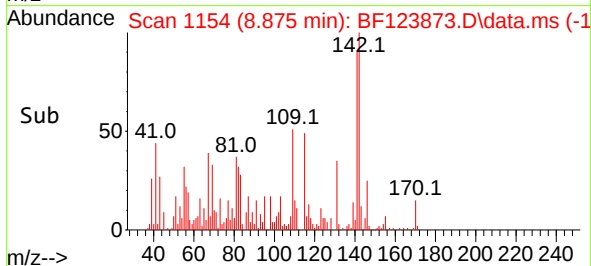
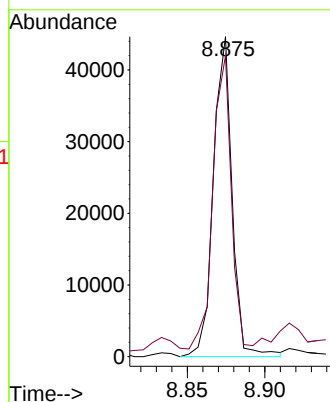
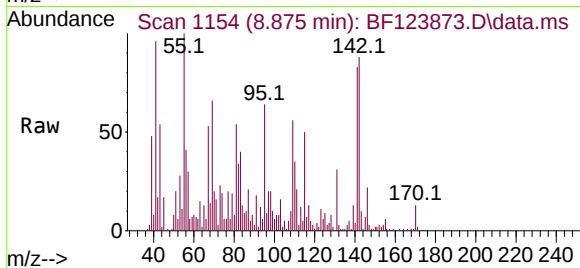
MW-05

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

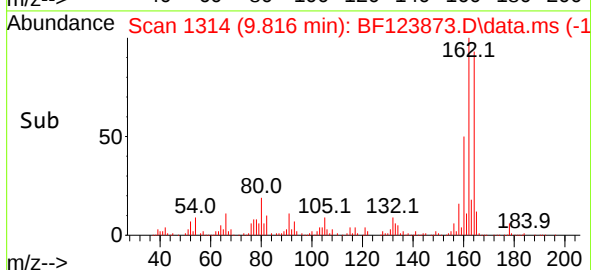
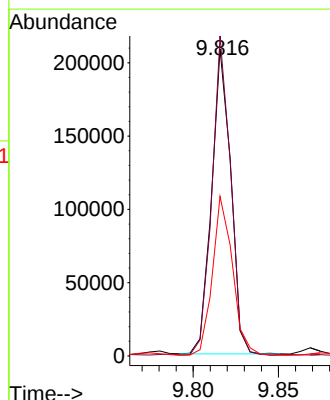
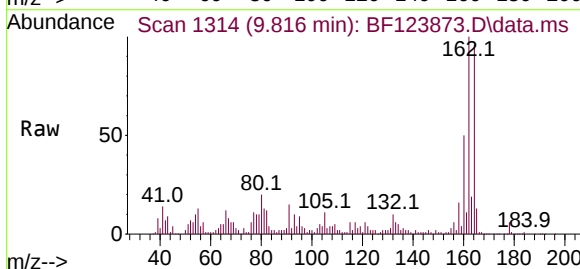
Tgt Ion:164 Resp: 162435

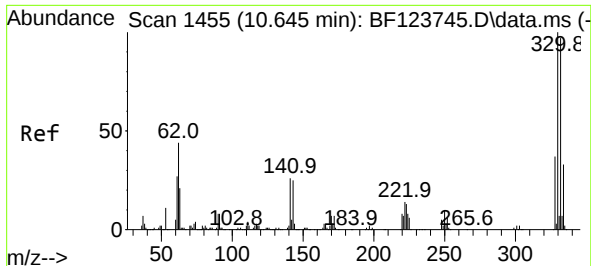
Ion Ratio Lower Upper

164 100

162 104.3 80.7 121.1

160 52.0 37.3 55.9

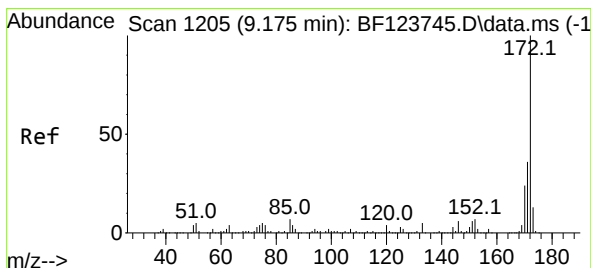
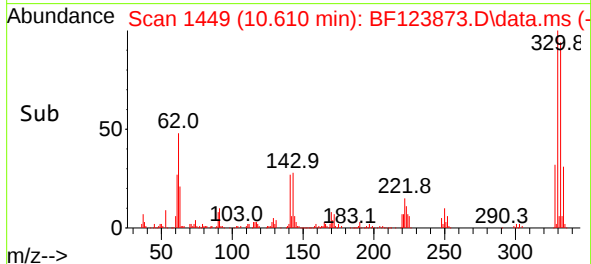
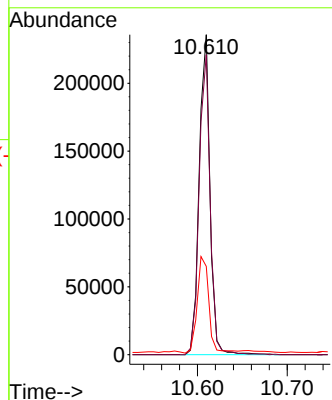
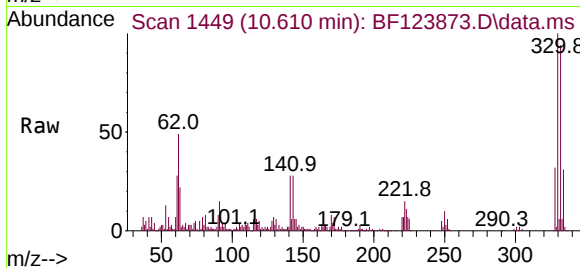




#42
2,4,6-Tribromophenol
Concen: 97.45 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

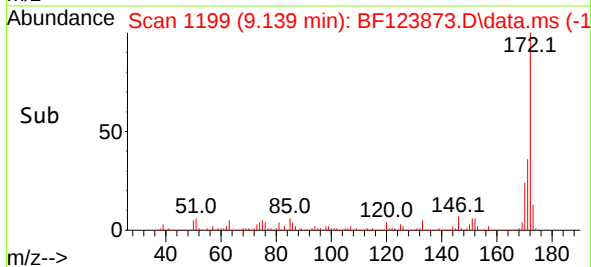
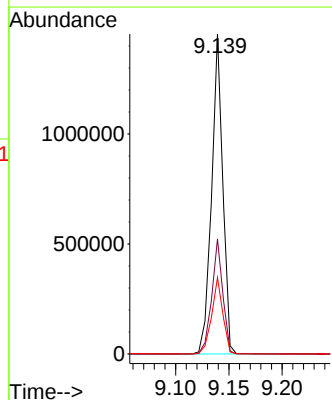
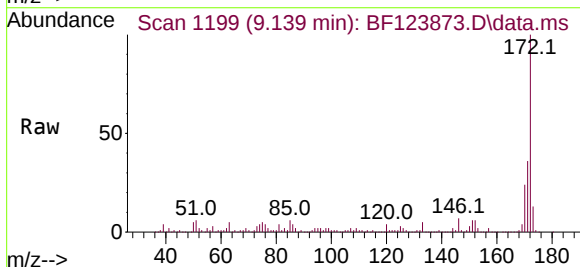
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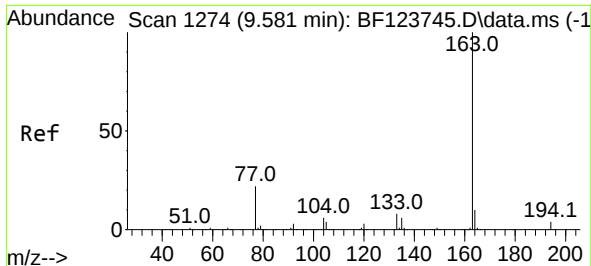
Tgt Ion:330 Resp: 197060
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 32.8 27.9 41.9



#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

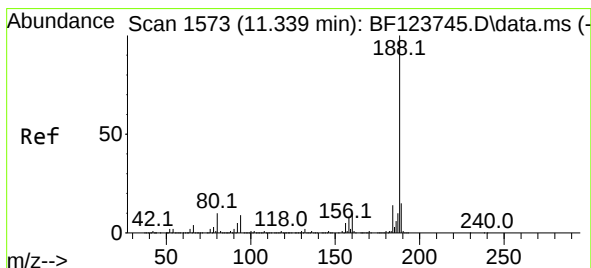
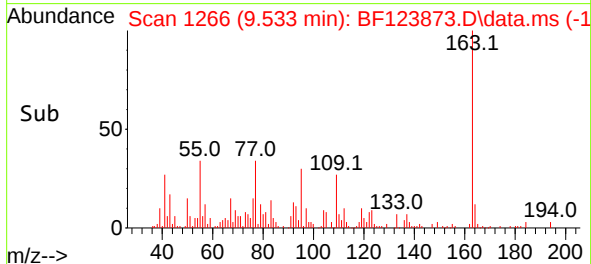
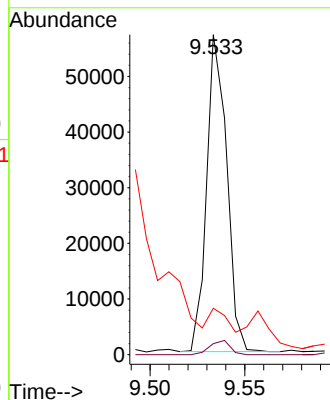
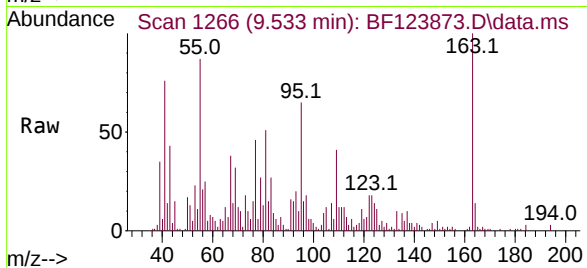




#50
Dimethylphthalate
Concen: 3.67 ng
RT: 9.533 min Scan# 1266
Delta R.T. -0.018 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

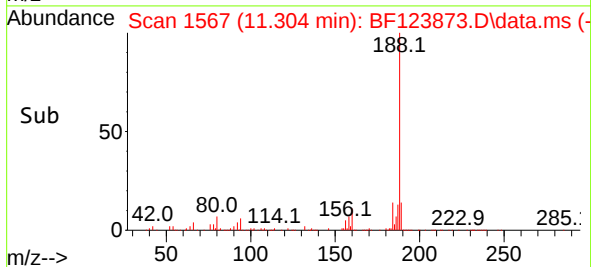
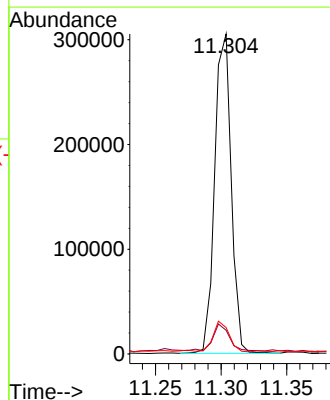
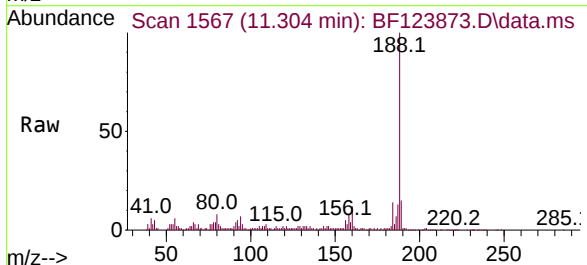
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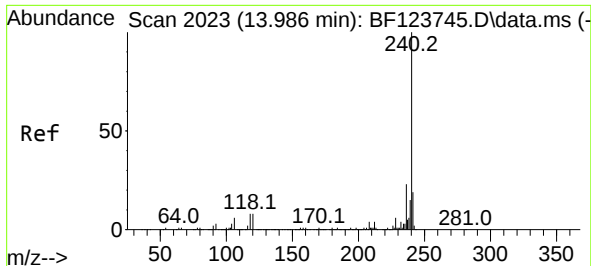
Tgt Ion:163 Resp: 42018
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 14.5 8.2 12.2#



#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

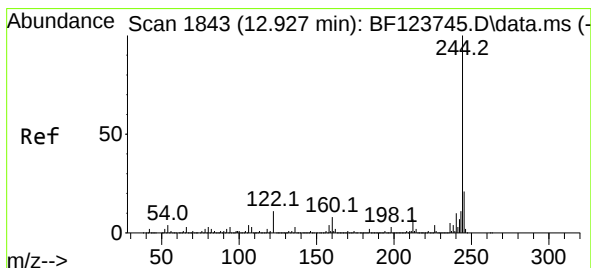
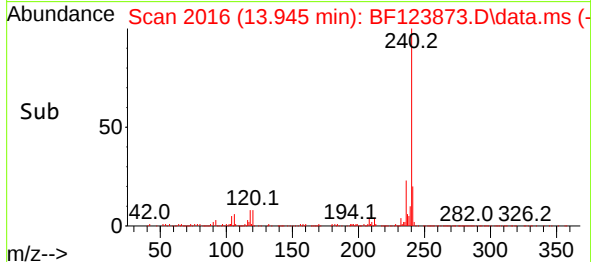
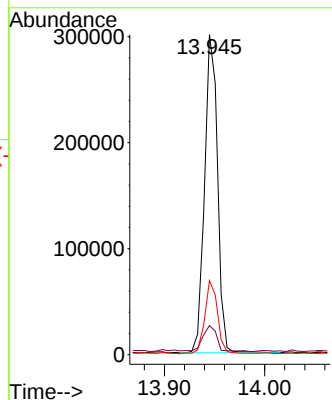
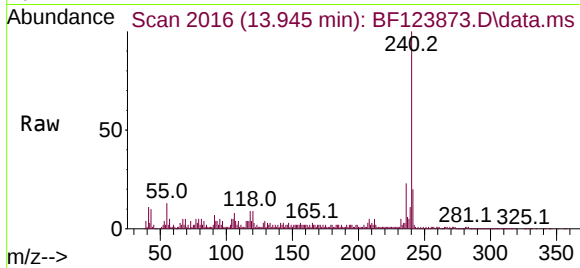




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF123873.D
Acq: 7 May 2021 18:55

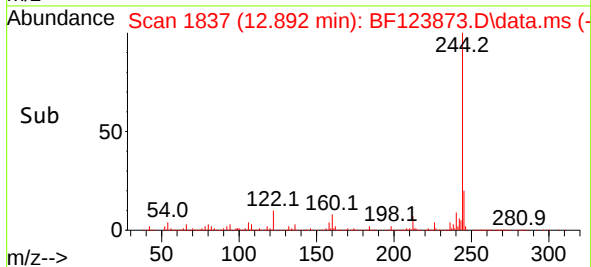
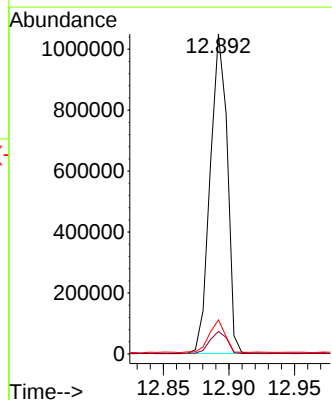
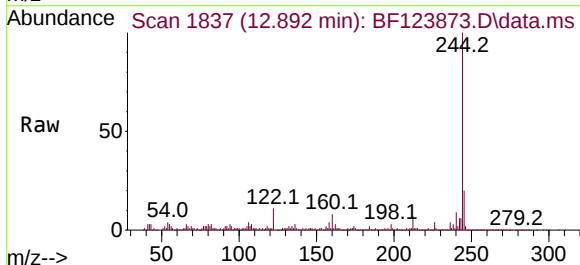
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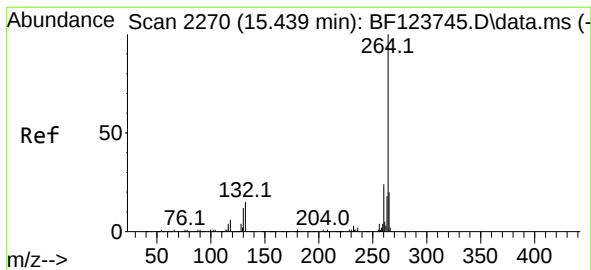
Tgt Ion:240 Resp: 271070
Ion Ratio Lower Upper
240 100
120 9.1 7.2 10.8
236 23.1 19.0 28.4



#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

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

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

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

