

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
 Data File : BF123645.D
 Acq On : 20 Apr 2021 16:18
 Operator : JU/CG
 Sample : M2078-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-01

Quant Time: Apr 21 01:19:39 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)

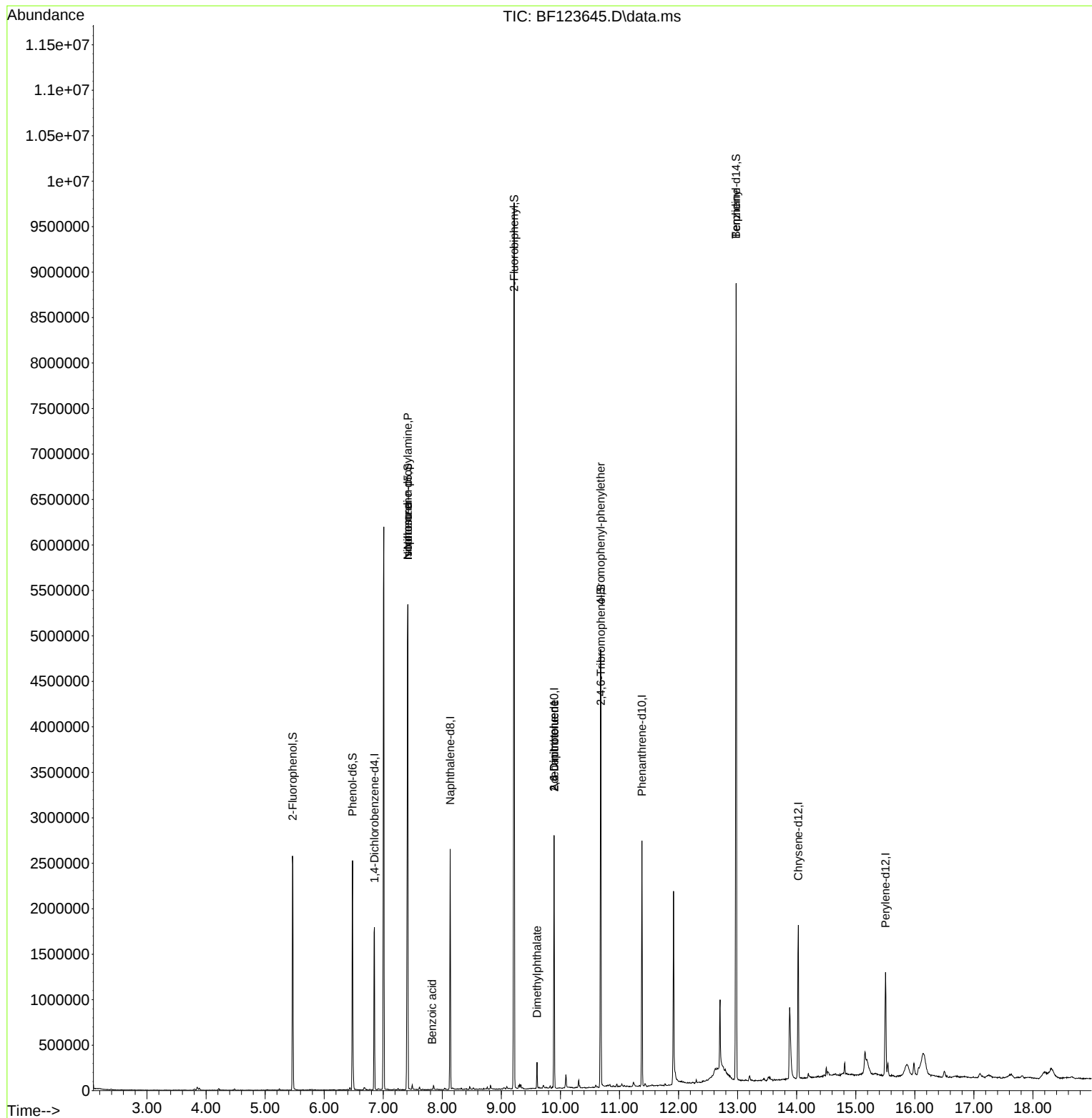
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	244670	20.00	ng	0.00
21) Naphthalene-d8	8.134	136	939443	20.00	ng	0.00
39) Acenaphthene-d10	9.892	164	470832	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	862466	20.00	ng	0.00
76) Chrysene-d12	14.027	240	569490	20.00	ng	0.00
86) Perylene-d12	15.504	264	511059	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	601514	39.74	ng	0.00
7) Phenol-d6	6.481	99	669342	31.91	ng	-0.01
23) Nitrobenzene-d5	7.416	82	1742901	85.29	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	523402	98.17	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2676874	84.75	ng	0.00
79) Terphenyl-d14	12.974	244	3153942	107.64	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.416	70	237577	17.10	ng	# 73
25) Isophorone	7.416	82	1743189	43.97	ng	# 69
32) Benzoic acid	7.828	122	733	4.62	ng	86
50) Dimethylphthalate	9.604	163	84553	2.60	ng	99
51) 2,6-Dinitrotoluene	9.892	165	59330	8.31	ng	# 11
57) 2,4-Dinitrotoluene	9.892	165	59330	6.22	ng	# 17
67) 4-Bromophenyl-phenylether	10.680	248	30215	3.35	ng	# 1
77) Benzidine	12.974	184	44659	2.88	ng	# 94
89) Benzo(k)fluoranthene	15.098	252	2145	Below	Cal	# 63
92) Benzo(g,h,i)perylene	17.451	276	107	Below	Cal	# 56

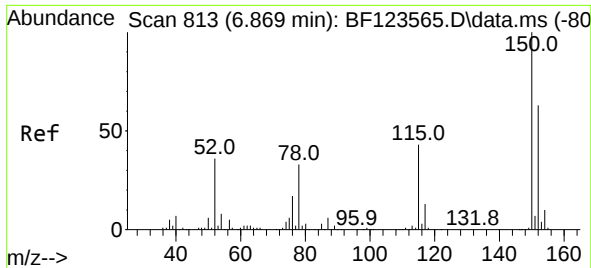
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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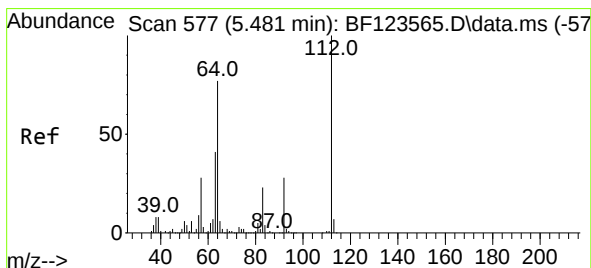
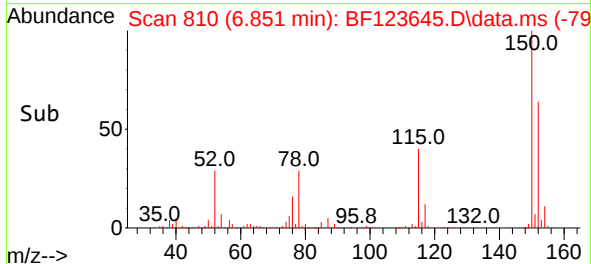
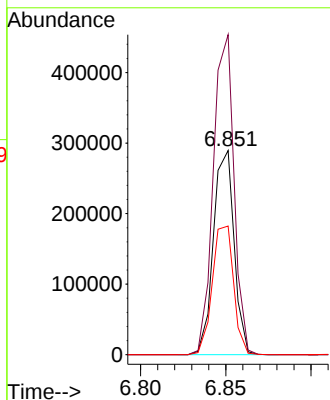
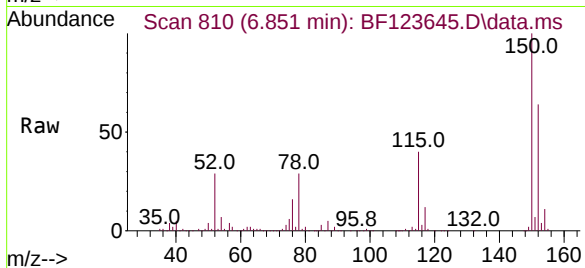




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123645.D
Acq: 20 Apr 2021 16:18

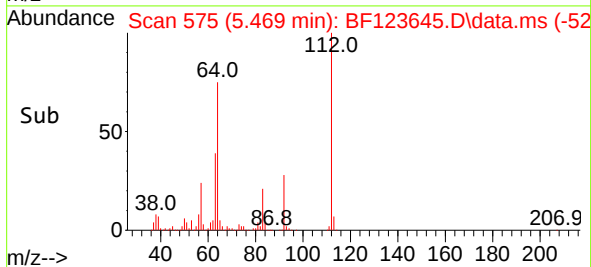
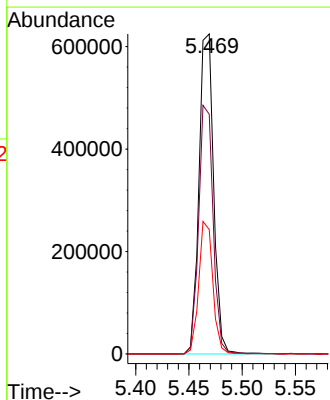
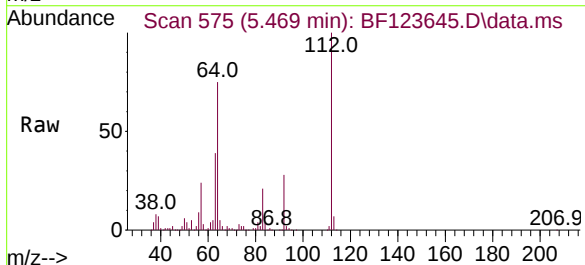
Instrument :
BNA_F
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TWP-01

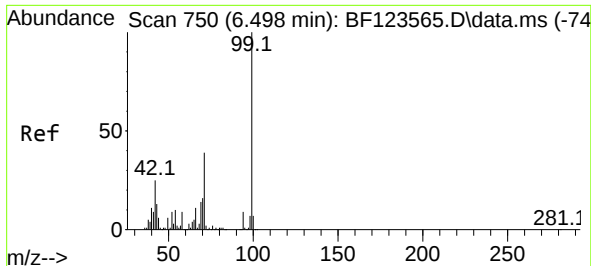
Tgt Ion:152 Resp: 244670
Ion Ratio Lower Upper
152 100
150 156.7 127.0 190.6
115 63.0 54.3 81.5



#5
2-Fluorophenol
Concen: 39.74 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.000 min
Lab File: BF123645.D
Acq: 20 Apr 2021 16:18

Tgt Ion:112 Resp: 601514
Ion Ratio Lower Upper
112 100
64 74.9 61.4 92.0
63 38.8 33.0 49.4

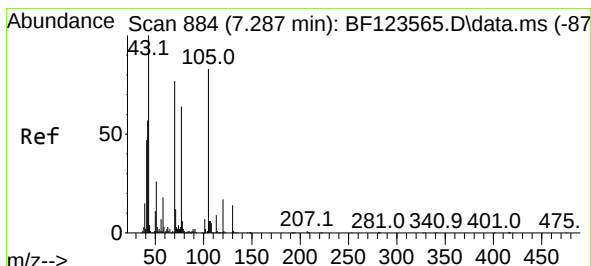
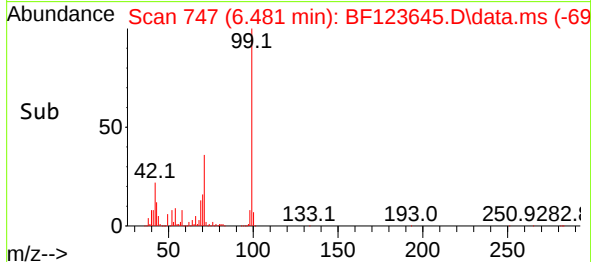
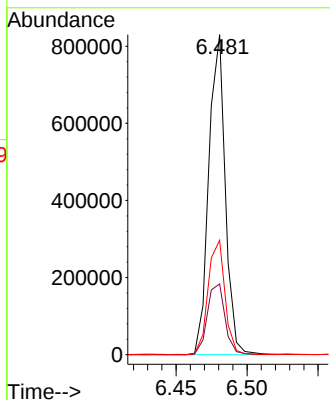
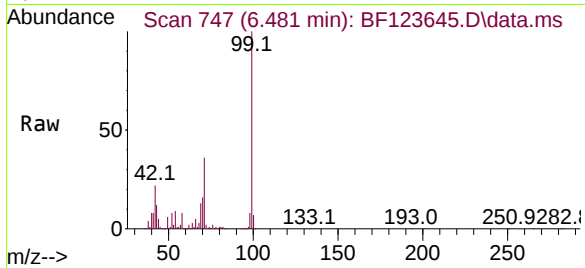




#7
Phenol-d6
Concen: 31.91 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123645.D
Acq: 20 Apr 2021 16:18

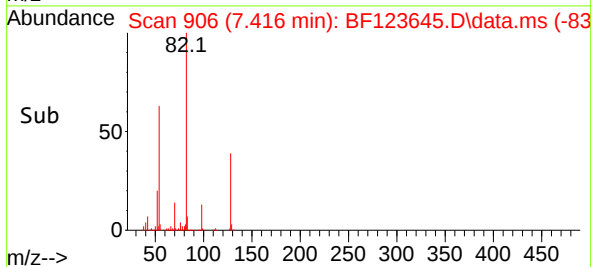
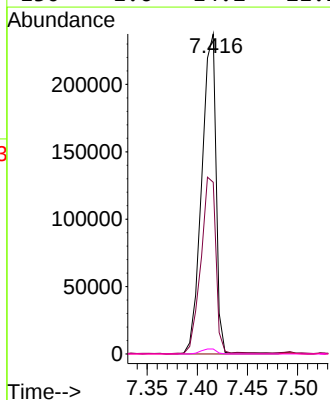
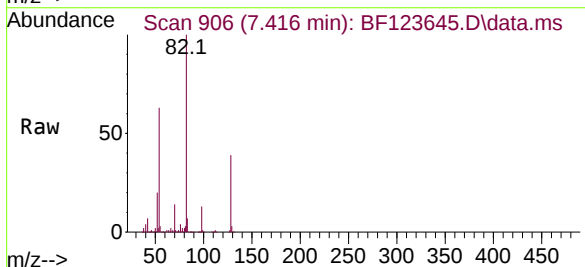
Instrument :
BNA_F
ClientSampleId :
TWP-01

Tgt Ion: 99 Resp: 669342
Ion Ratio Lower Upper
99 100
42 22.1 19.8 29.8
71 35.8 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.10 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF123645.D
Acq: 20 Apr 2021 16:18

Tgt Ion: 70 Resp: 237577
Ion Ratio Lower Upper
70 100
42 53.7 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#



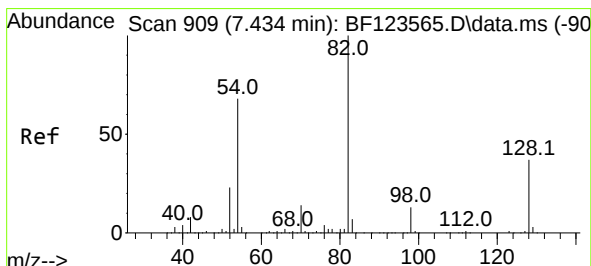
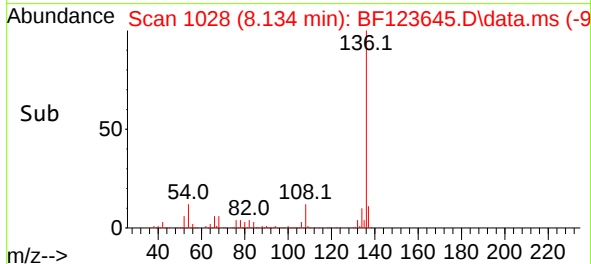
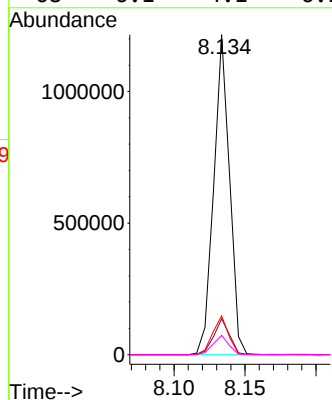
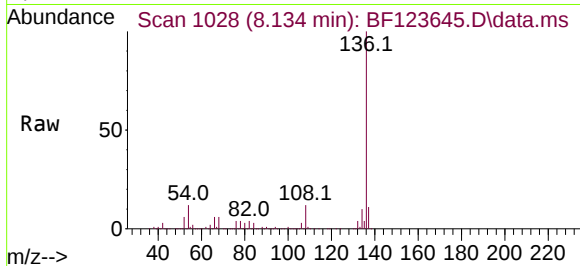


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123645.D
Acq: 20 Apr 2021 16:18

Instrument :
BNA_F
ClientSampleId :
TWP-01

Tgt Ion:136 Resp: 939443

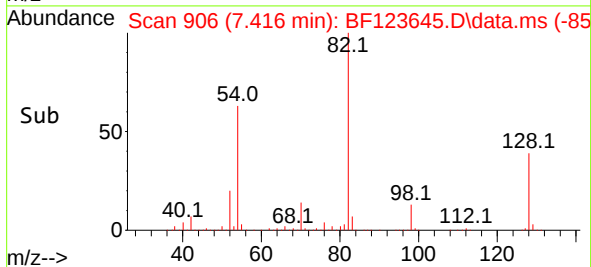
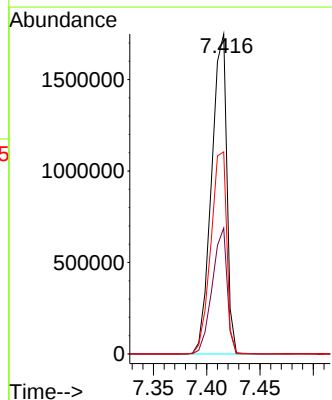
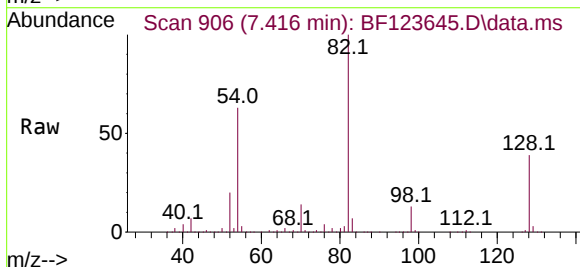
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	12.1	9.8	14.6
68	6.1	4.1	6.1

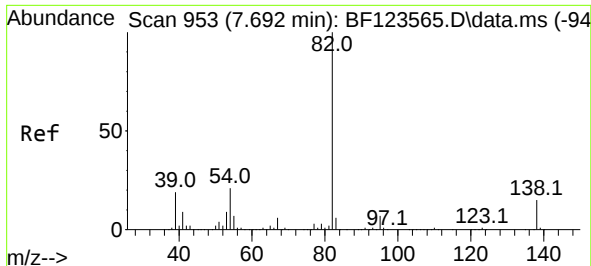


#23
Nitrobenzene-d5
Concen: 85.29 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF123645.D
Acq: 20 Apr 2021 16:18

Tgt Ion: 82 Resp: 1742901

Ion	Ratio	Lower	Upper
82	100		
128	39.3	29.4	44.2
54	63.2	54.1	81.1

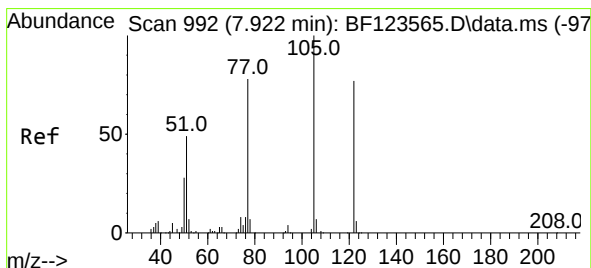
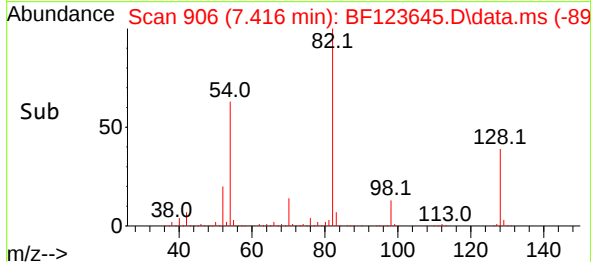
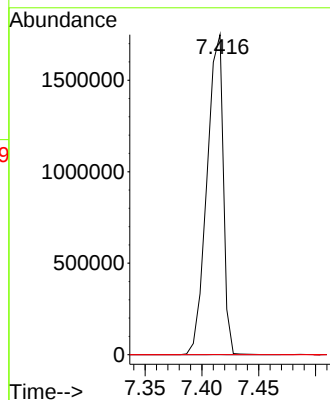
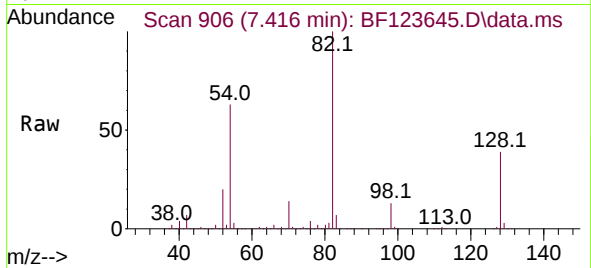




#25
Isophorone
Concen: 43.97 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.259 min
Lab File: BF123645.D
Acq: 20 Apr 2021 16:18

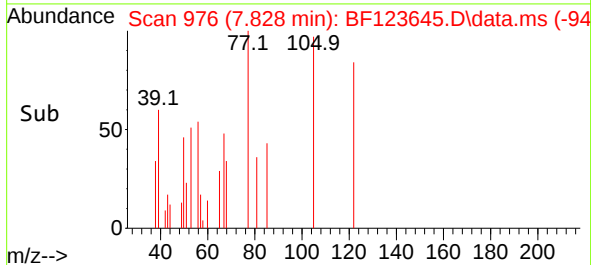
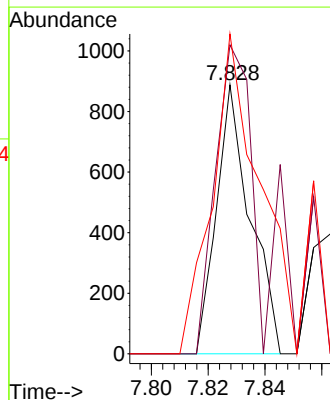
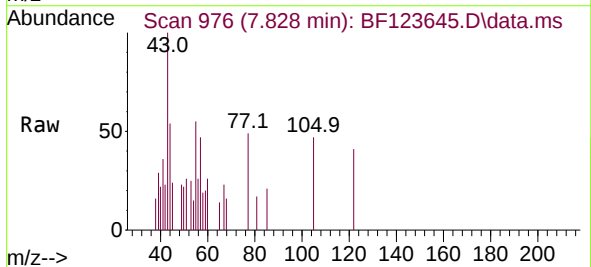
Instrument :
BNA_F
ClientSampleId :
TWP-01

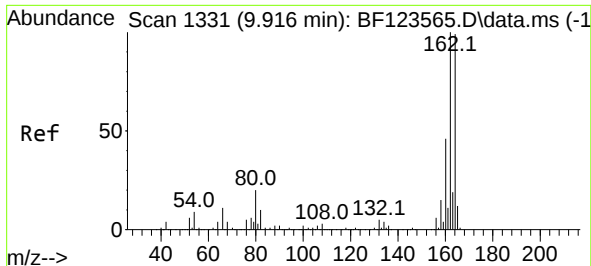
Tgt Ion: 82 Resp: 1743189
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.62 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.088 min
Lab File: BF123645.D
Acq: 20 Apr 2021 16:18

Tgt Ion:122 Resp: 733
Ion Ratio Lower Upper
122 100
105 114.9 107.8 147.8
77 118.9 81.6 121.6

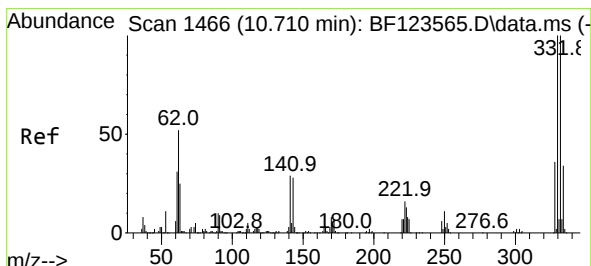
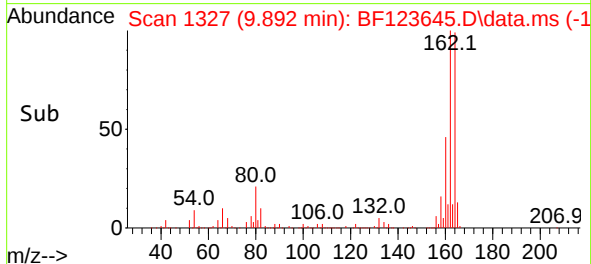
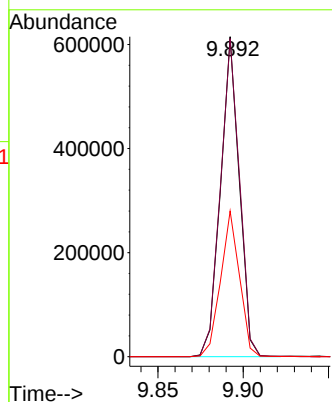
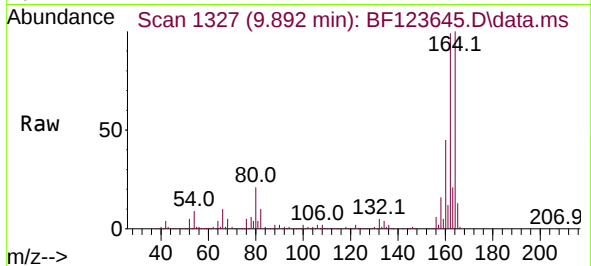




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF123645.D
Acq: 20 Apr 2021 16:18

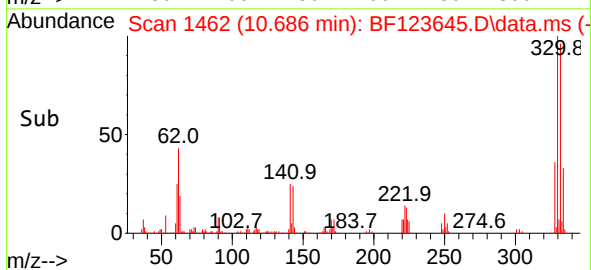
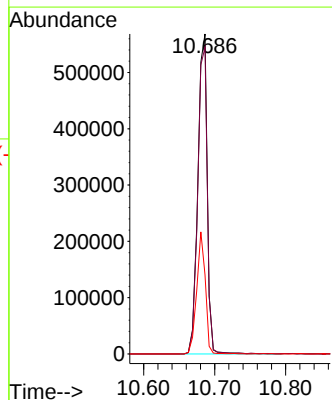
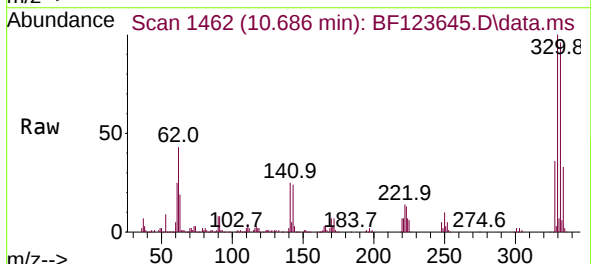
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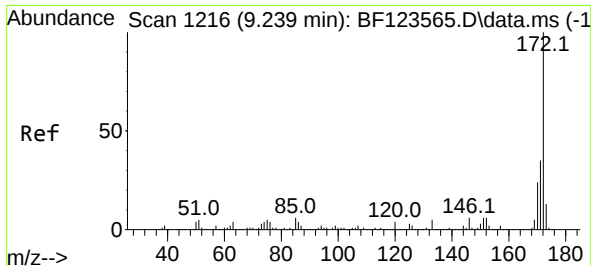
Tgt Ion:164 Resp: 470832
Ion Ratio Lower Upper
164 100
162 99.4 80.7 121.1
160 45.5 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 98.17 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF123645.D
Acq: 20 Apr 2021 16:18

Tgt Ion:330 Resp: 523402
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 35.0 27.9 41.9

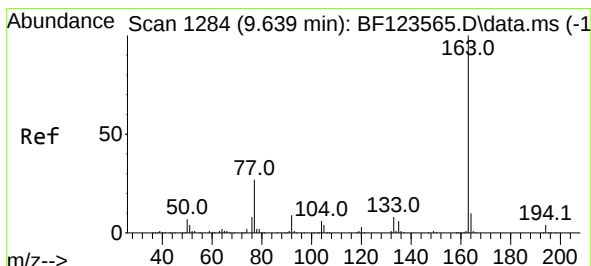
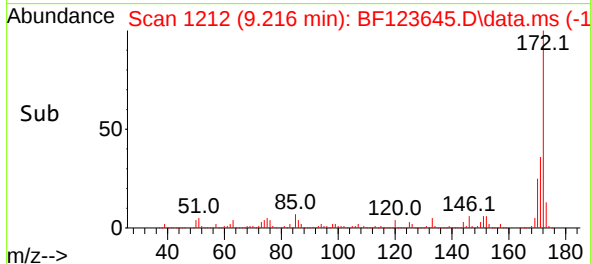
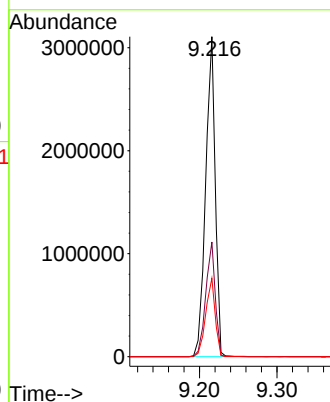
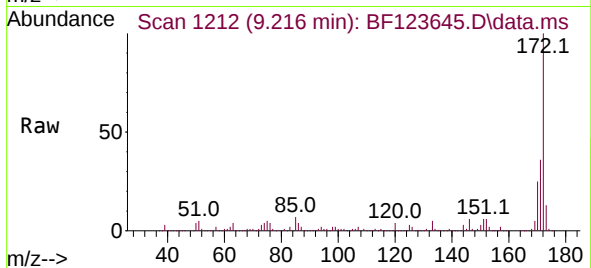




#45
2-Fluorobiphenyl
Concen: 84.75 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF123645.D
Acq: 20 Apr 2021 16:18

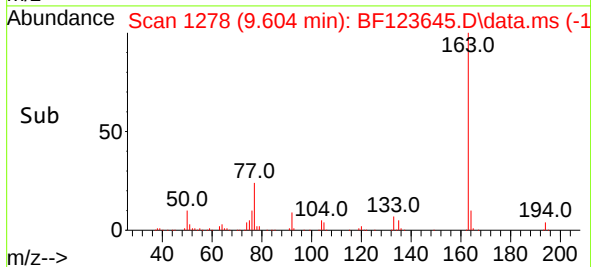
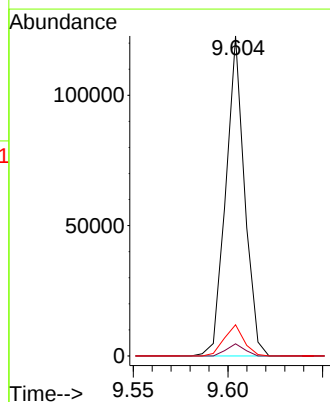
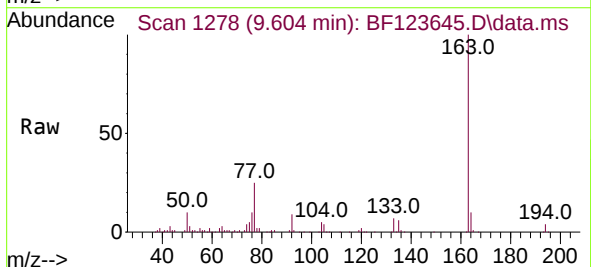
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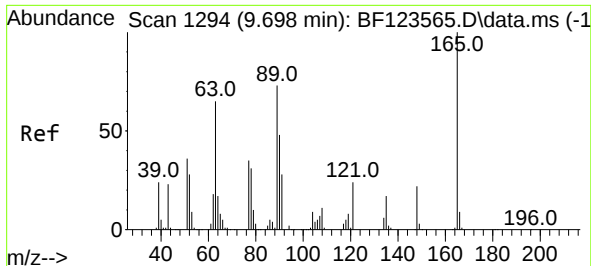
Tgt Ion:172 Resp: 2676874
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 24.5 19.2 28.8



#50
Dimethylphthalate
Concen: 2.60 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.018 min
Lab File: BF123645.D
Acq: 20 Apr 2021 16:18

Tgt Ion:163 Resp: 84553
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.8 8.2 12.2

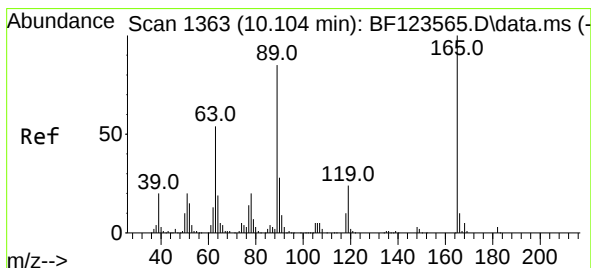
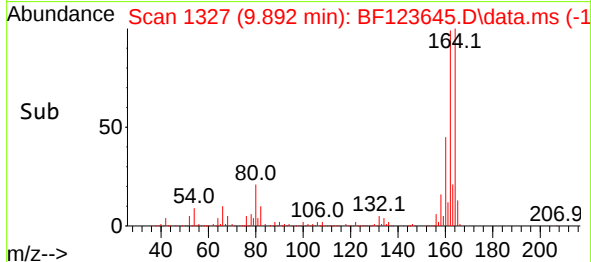
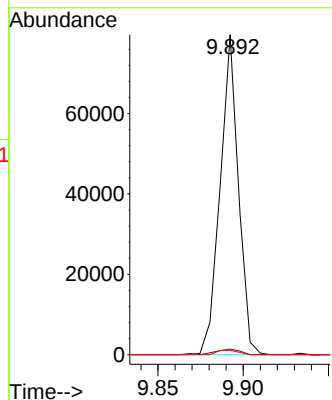
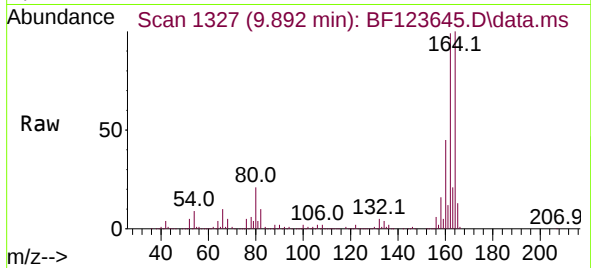




#51
2,6-Dinitrotoluene
Concen: 8.31 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF123645.D
Acq: 20 Apr 2021 16:18

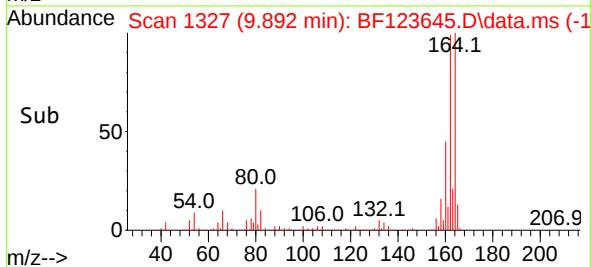
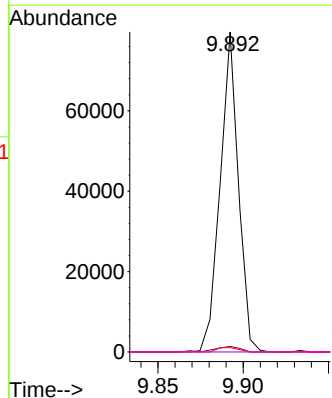
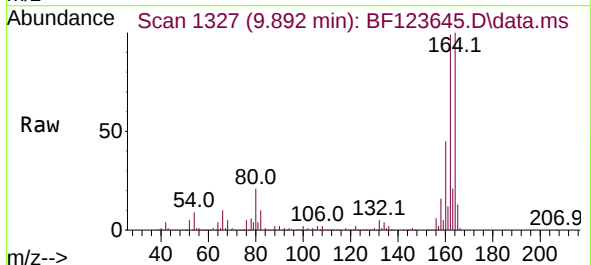
Instrument :
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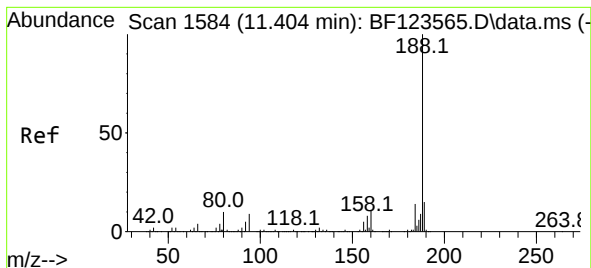
Tgt Ion:165 Resp: 59330
Ion Ratio Lower Upper
165 100
63 1.8 67.7 101.5#
89 1.4 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.22 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.188 min
Lab File: BF123645.D
Acq: 20 Apr 2021 16:18

Tgt Ion:165 Resp: 59330
Ion Ratio Lower Upper
165 100
63 1.8 43.5 65.3#
89 1.4 67.7 101.5#
182 0.0 2.1 3.1#

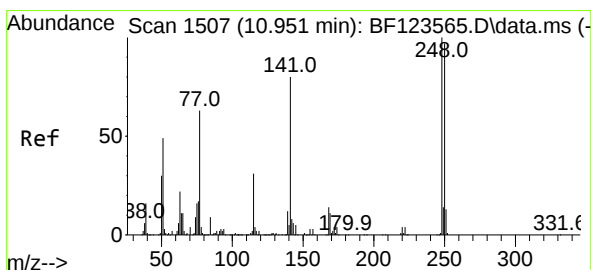
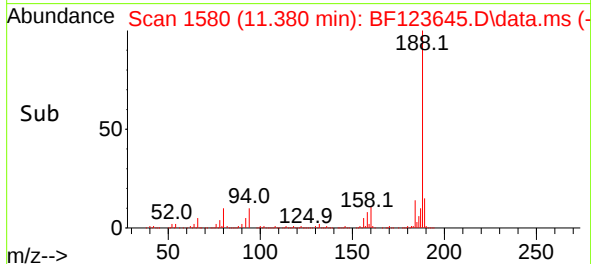
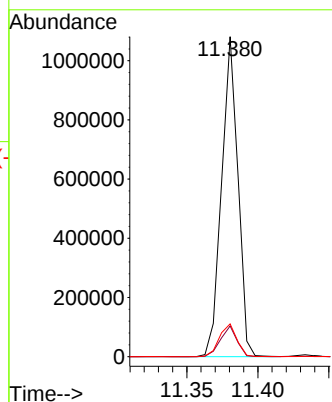
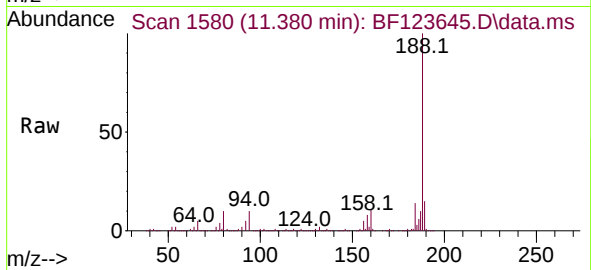




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF123645.D
Acq: 20 Apr 2021 16:18

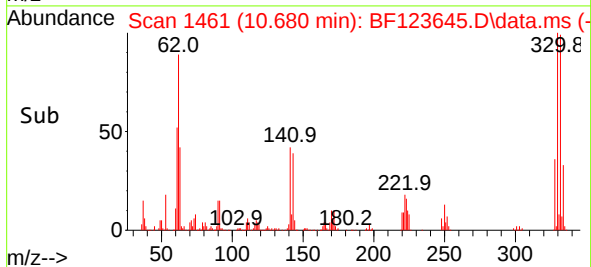
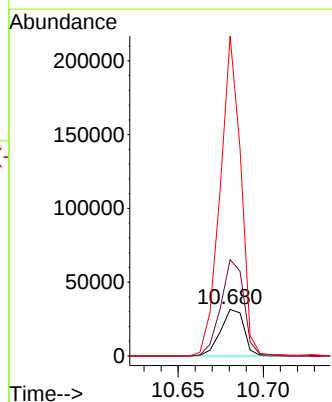
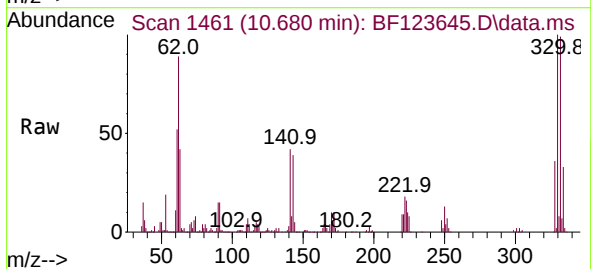
Instrument :
BNA_F
ClientSampleId :
TWP-01

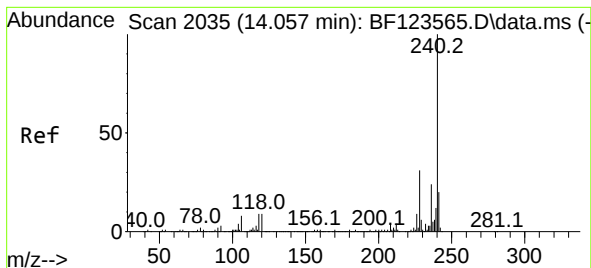
Tgt Ion:188 Resp: 862466
Ion Ratio Lower Upper
188 100
94 9.6 6.9 10.3
80 10.3 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.35 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF123645.D
Acq: 20 Apr 2021 16:18

Tgt Ion:248 Resp: 30215
Ion Ratio Lower Upper
248 100
250 206.9 77.4 116.2#
141 686.9 63.7 95.5#

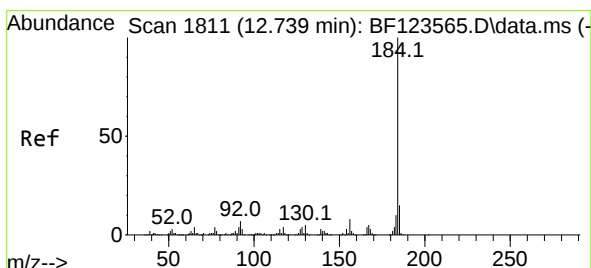
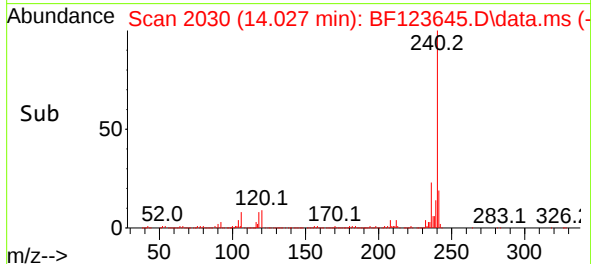
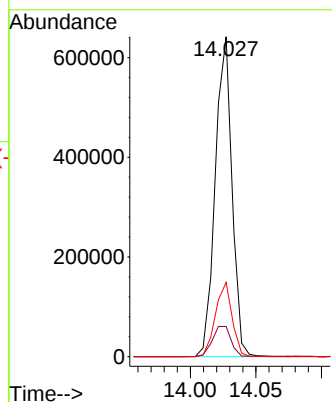
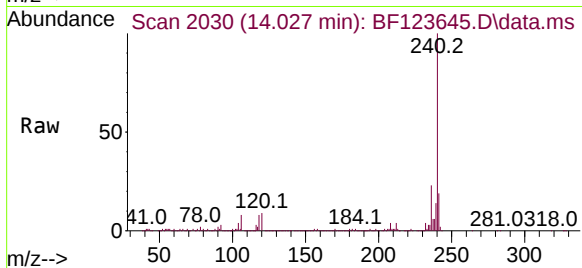




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF123645.D
Acq: 20 Apr 2021 16:18

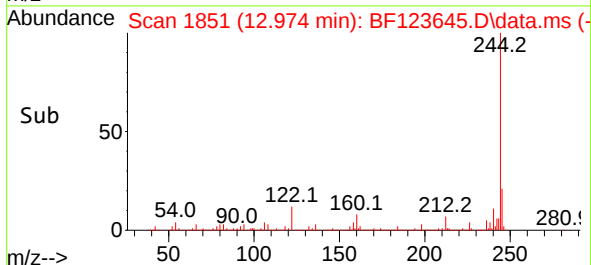
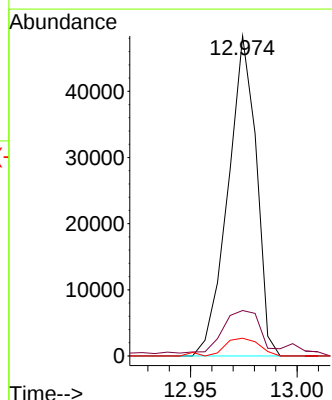
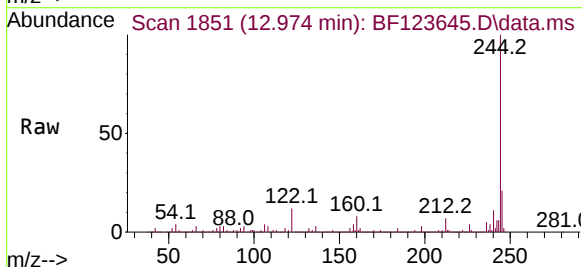
Instrument :
BNA_F
ClientSampleId :
TWP-01

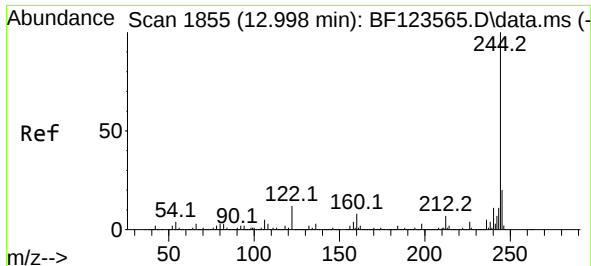
Tgt Ion:240 Resp: 569490
Ion Ratio Lower Upper
240 100
120 9.4 7.2 10.8
236 23.2 19.0 28.4



#77
Benzidine
Concen: 2.88 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.253 min
Lab File: BF123645.D
Acq: 20 Apr 2021 16:18

Tgt Ion:184 Resp: 44659
Ion Ratio Lower Upper
184 100
185 14.2 12.1 18.1
183 5.6 7.8 11.8#

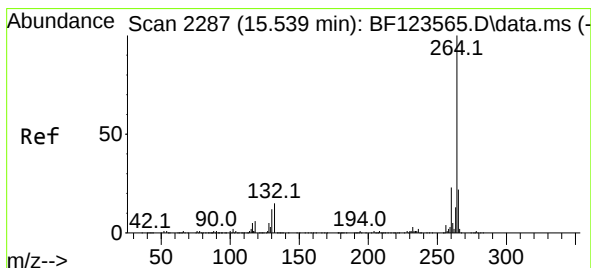
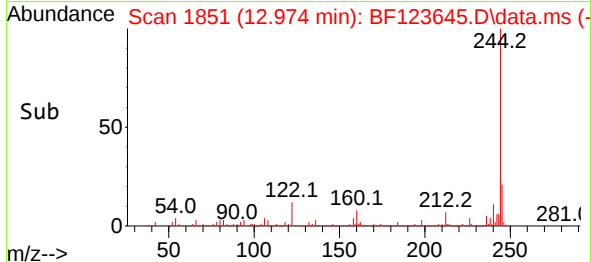
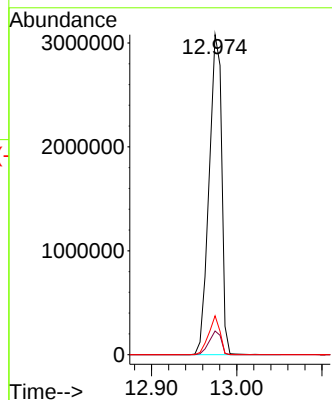
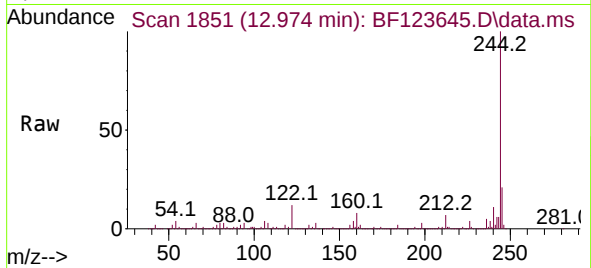




#79
Terphenyl-d14
Concen: 107.64 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF123645.D
Acq: 20 Apr 2021 16:18

Instrument :
BNA_F
ClientSampleId :
TWP-01

Tgt Ion:244 Resp: 3153942
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 12.2 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF123645.D
Acq: 20 Apr 2021 16:18

Tgt Ion:264 Resp: 511059
Ion Ratio Lower Upper
264 100
260 24.5 18.7 28.1
265 21.3 17.8 26.8

