

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050721\
 Data File : BF123878.D
 Acq On : 7 May 2021 21:34
 Operator : JU/CG
 Sample : M2295-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-D-E

Quant Time: May 08 00:33:13 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)

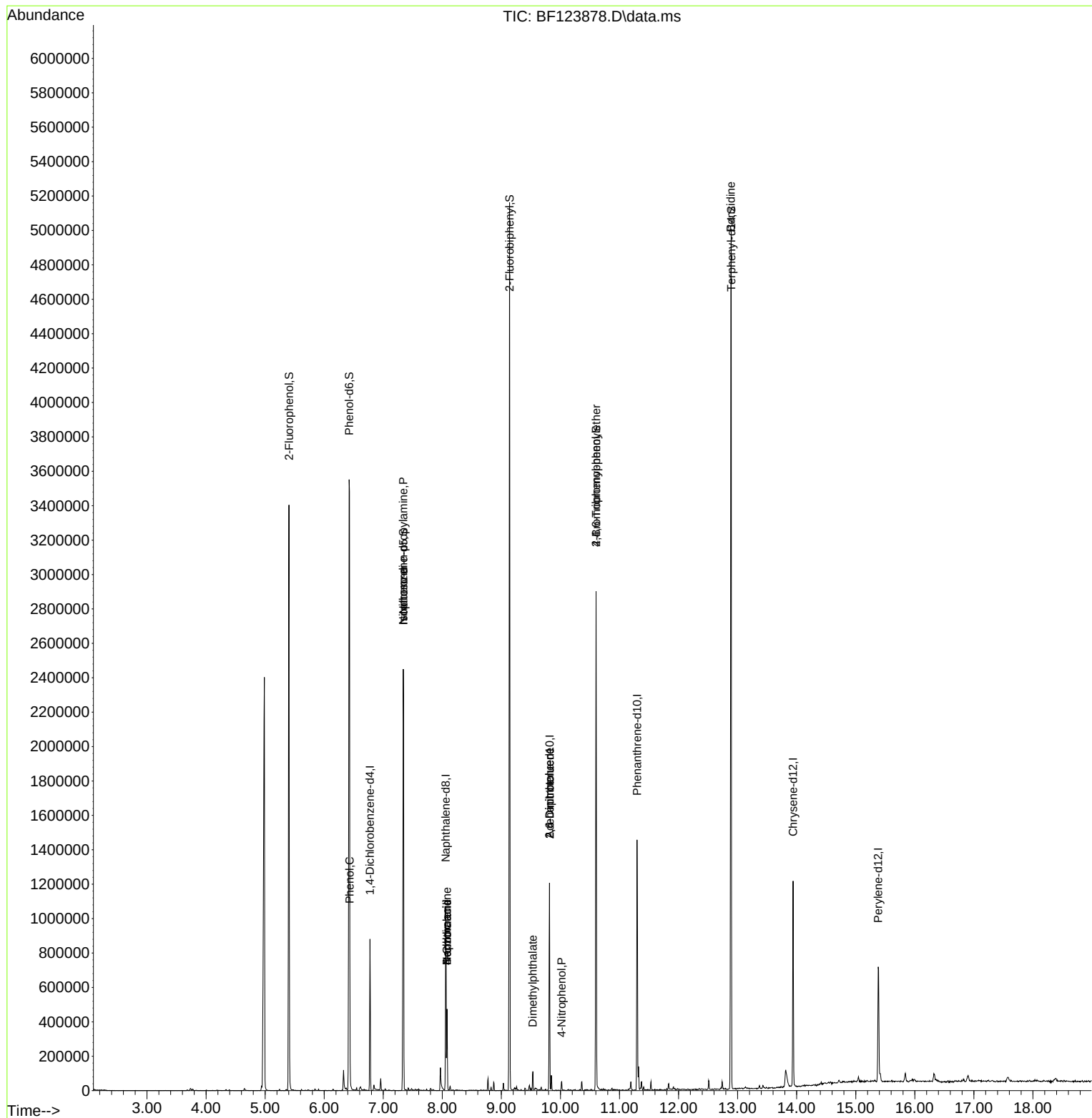
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	104144	20.00	ng	0.00
21) Naphthalene-d8	8.057	136	401654	20.00	ng	0.00
39) Acenaphthene-d10	9.816	164	214767	20.00	ng	0.00
64) Phenanthrene-d10	11.298	188	463169	20.00	ng	0.00
76) Chrysene-d12	13.939	240	375332	20.00	ng	0.00
86) Perylene-d12	15.380	264	319742	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	693615	105.51	ng	0.00
7) Phenol-d6	6.422	99	1151240	127.13	ng	0.00
23) Nitrobenzene-d5	7.339	82	752697	84.60	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	316643	118.43	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1357453	92.05	ng	0.00
79) Terphenyl-d14	12.892	244	1730615	88.79	ng	0.00
Target Compounds						
					Qvalue	
10) Phenol	6.434	94	26643	2.74	ng	# 53
19) n-Nitroso-di-n-propyla...	7.339	70	107371	19.20	ng	# 79
25) Isophorone	7.339	82	752394	45.10	ng	# 69
31) Naphthalene	8.081	128	154675	7.48	ng	97
32) Benzoic acid	8.081	122	465	5.49	ng	# 1
33) 4-Chloroaniline	8.081	127	20367	2.36	ng	# 32
50) Dimethylphthalate	9.533	163	33702	2.23	ng	99
51) 2,6-Dinitrotoluene	9.816	165	26727	7.64	ng	# 11
56) 4-Nitrophenol	10.022	139	7120	2.34	ng	# 1
57) 2,4-Dinitrotoluene	9.816	165	26727	5.61	ng	# 17
67) 4-Bromophenyl-phenylether	10.604	248	15660	3.21	ng	# 1
77) Benzidine	12.886	184	24466	2.52	ng	# 97

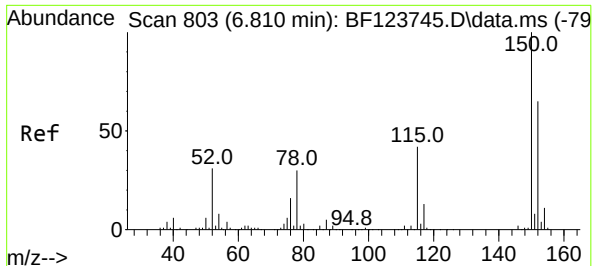
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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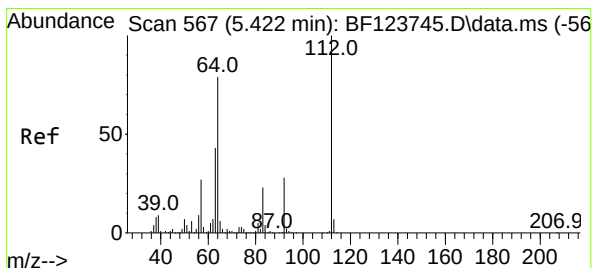
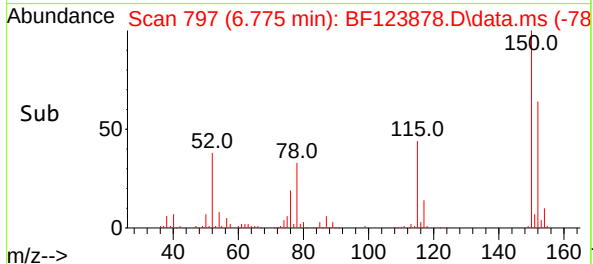
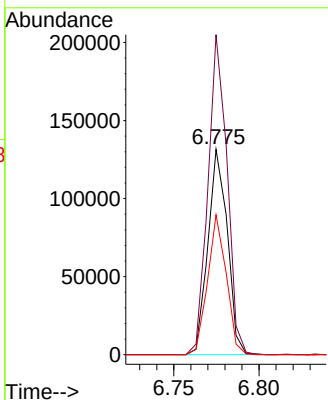
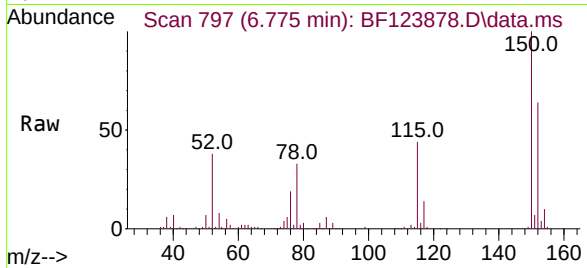




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF123878.D
Acq: 7 May 2021 21:34

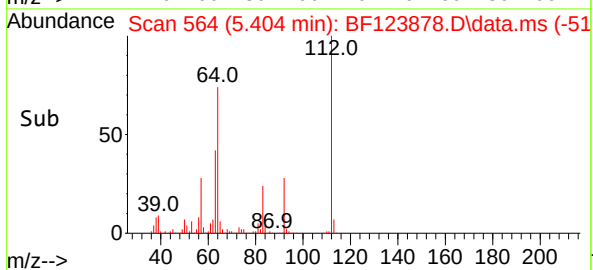
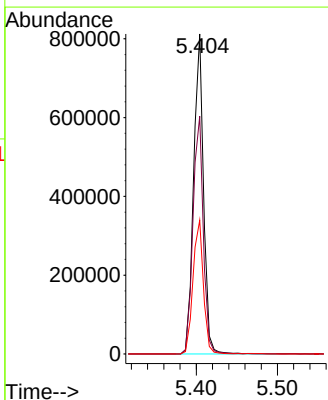
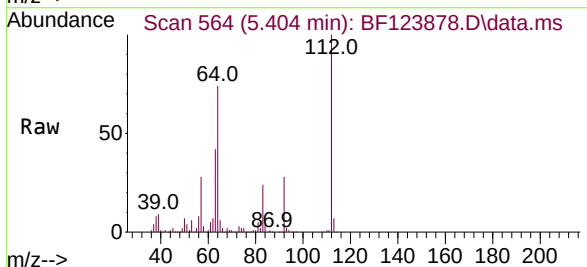
Instrument :
BNA_F
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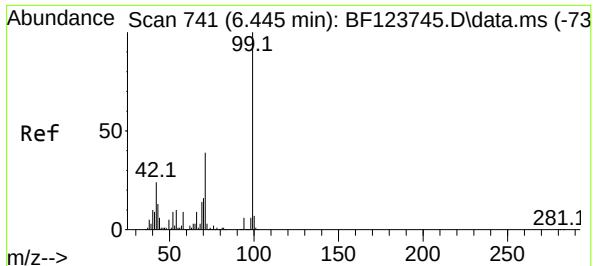
Tgt Ion:152 Resp: 104144
Ion Ratio Lower Upper
152 100
150 155.9 127.0 190.6
115 68.1 54.3 81.5



#5
2-Fluorophenol
Concen: 105.51 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF123878.D
Acq: 7 May 2021 21:34

Tgt Ion:112 Resp: 693615
Ion Ratio Lower Upper
112 100
64 74.3 61.4 92.0
63 41.8 33.0 49.4

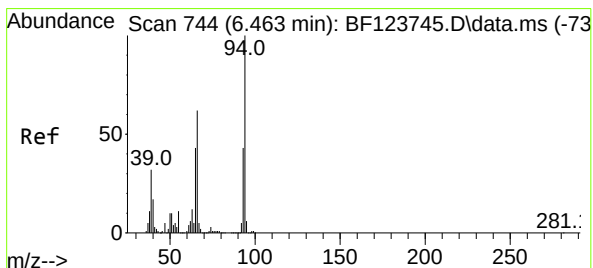
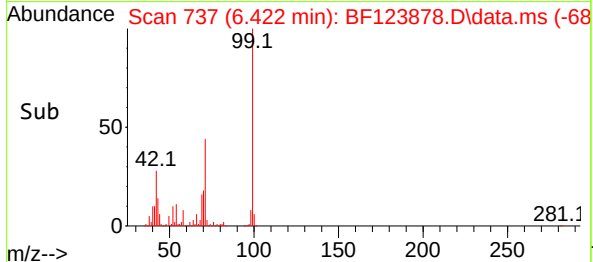
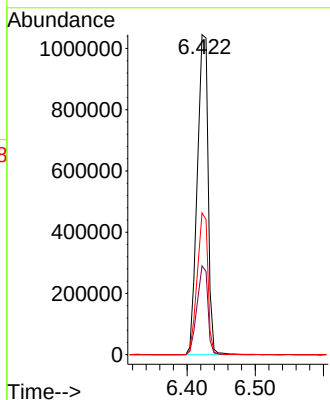
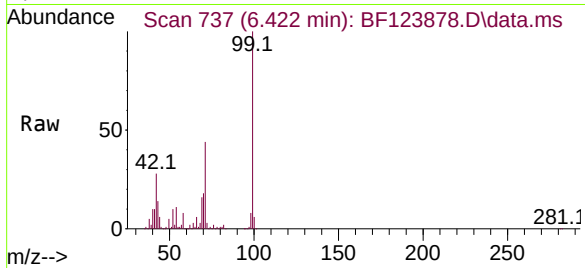




#7
Phenol-d6
Concen: 127.13 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF123878.D
Acq: 7 May 2021 21:34

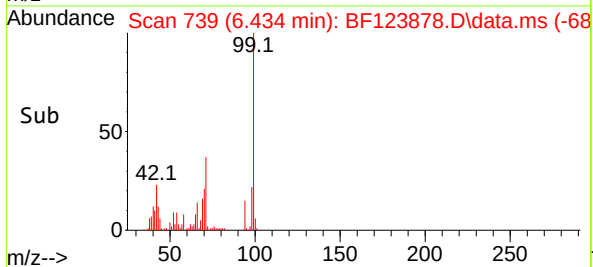
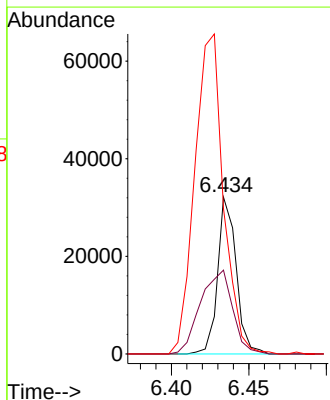
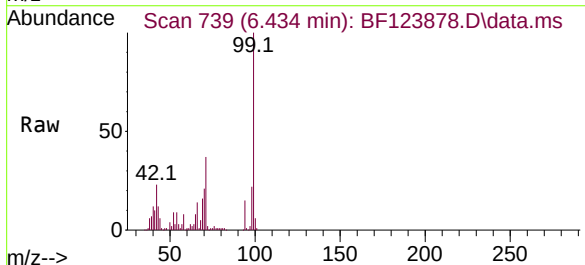
Instrument :
BNA_F
ClientSampleId :
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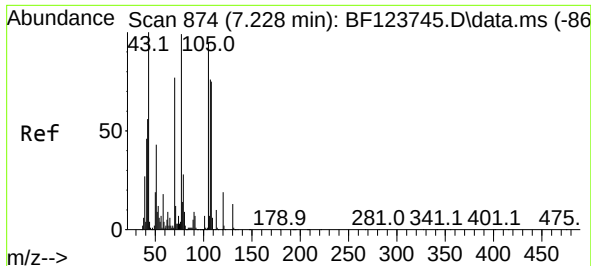
Tgt Ion: 99 Resp: 1151240
Ion Ratio Lower Upper
99 100
42 27.7 19.8 29.8
71 44.3 31.1 46.7



#10
Phenol
Concen: 2.74 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF123878.D
Acq: 7 May 2021 21:34

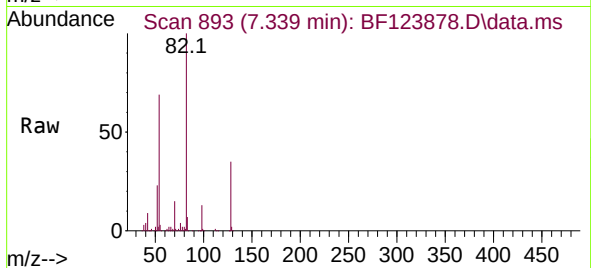
Tgt Ion: 94 Resp: 26643
Ion Ratio Lower Upper
94 100
65 53.5 18.1 58.1
66 92.8 29.0 69.0#





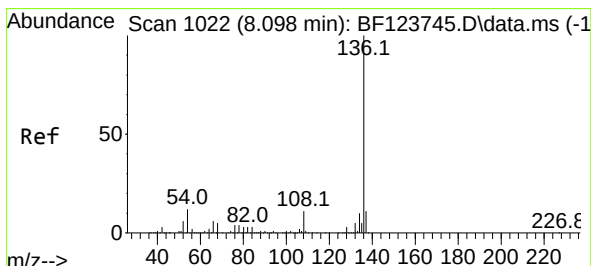
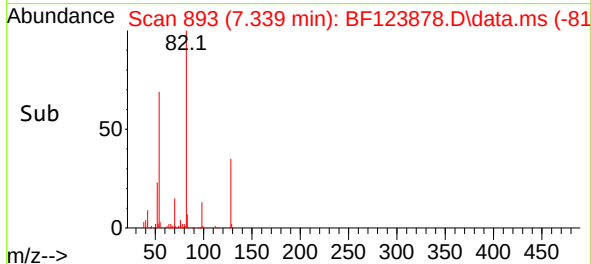
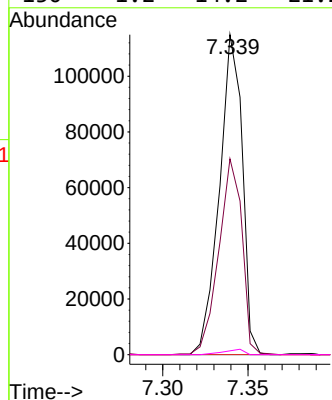
#19
n-Nitroso-di-n-propylamine
Concen: 19.20 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.141 min
Lab File: BF123878.D
Acq: 7 May 2021 21:34

Instrument :
BNA_F
ClientSampleId :
DRUM-D-E



Tgt Ion: 70 Resp: 107371

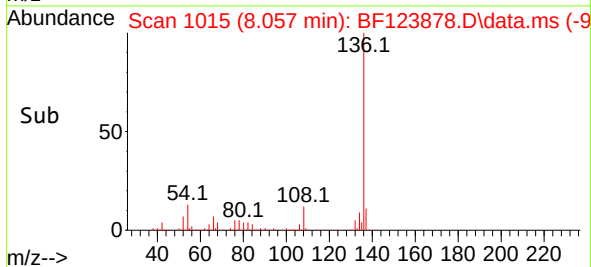
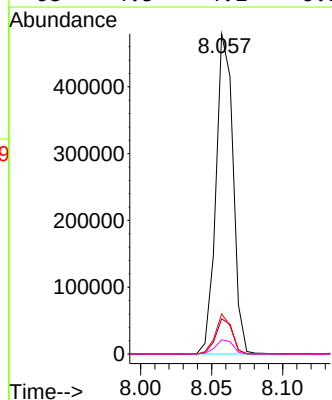
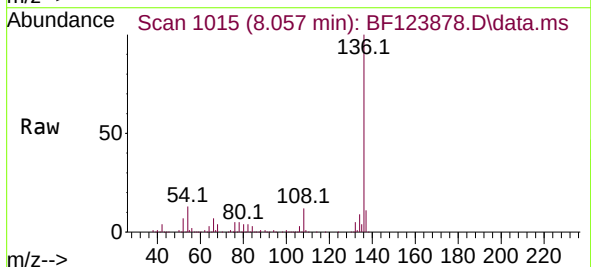
Ion	Ratio	Lower	Upper
70	100		
42	61.2	60.1	90.1
101	0.0	7.4	11.2#
130	1.2	14.2	21.2#

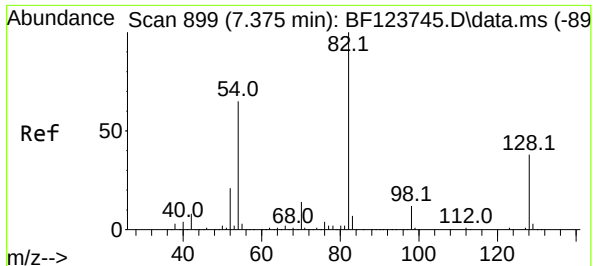


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF123878.D
Acq: 7 May 2021 21:34

Tgt Ion: 136 Resp: 401654

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	12.6	9.8	14.6
68	4.5	4.1	6.1

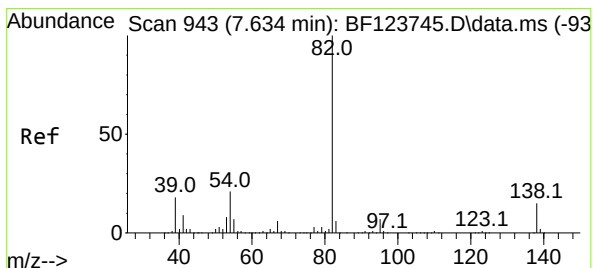
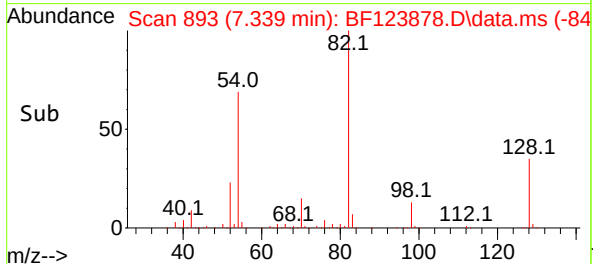
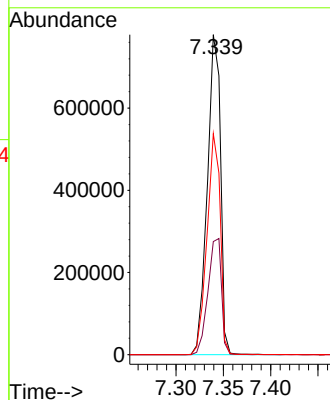
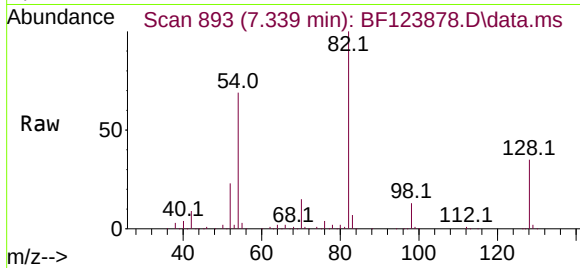




#23
Nitrobenzene-d5
Concen: 84.60 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF123878.D
Acq: 7 May 2021 21:34

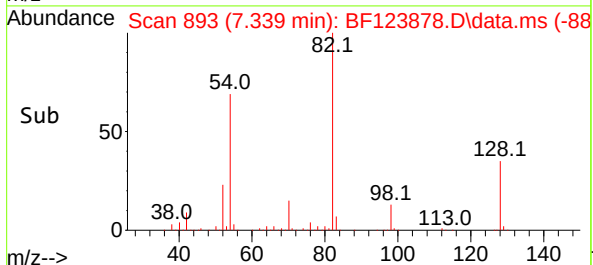
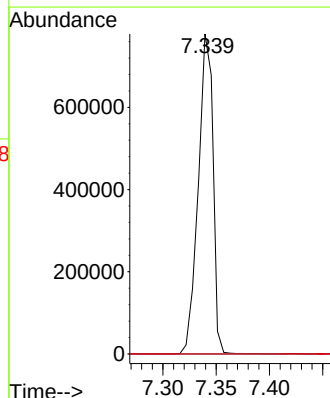
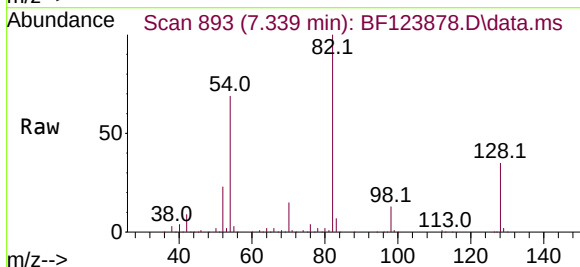
Instrument :
BNA_F
ClientSampleId :
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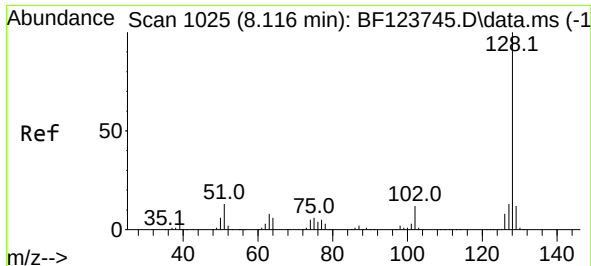
Tgt Ion: 82 Resp: 752697
Ion Ratio Lower Upper
82 100
128 35.4 29.4 44.2
54 69.1 54.1 81.1



#25
Isophorone
Concen: 45.10 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.271 min
Lab File: BF123878.D
Acq: 7 May 2021 21:34

Tgt Ion: 82 Resp: 752394
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#

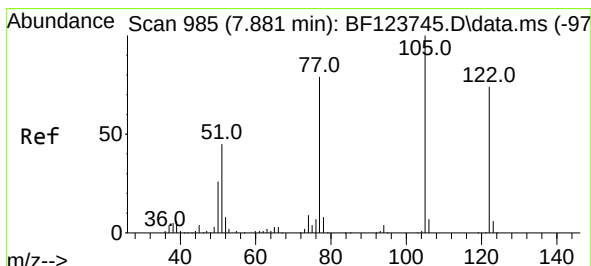
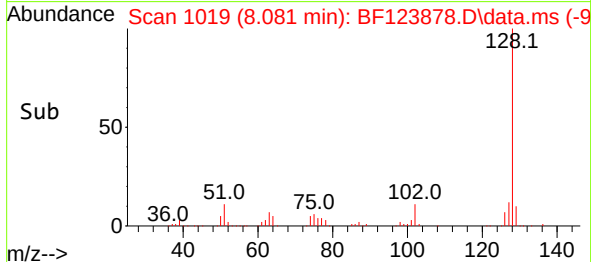
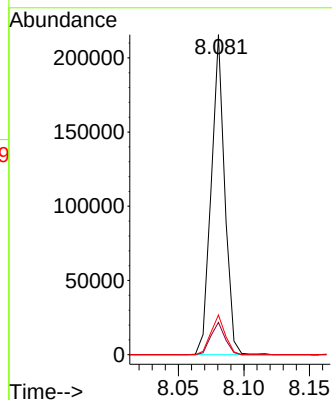
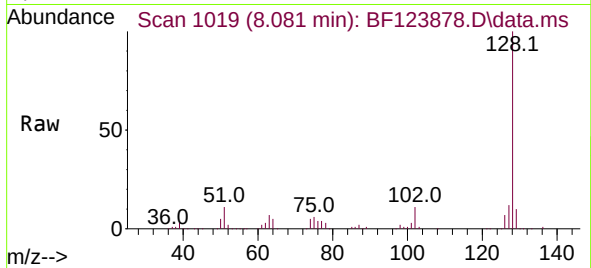




#31
Naphthalene
Concen: 7.48 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF123878.D
Acq: 7 May 2021 21:34

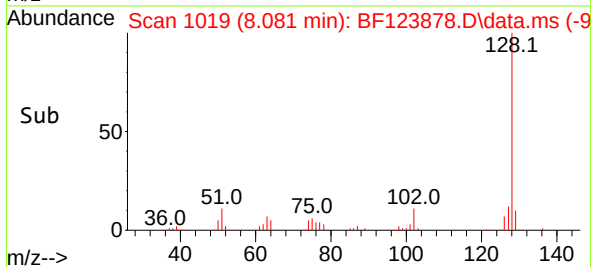
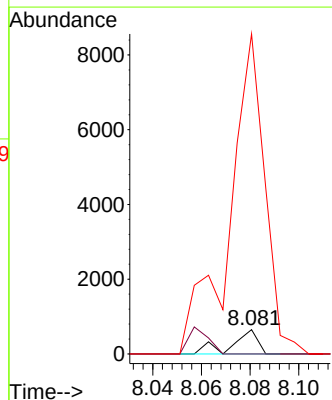
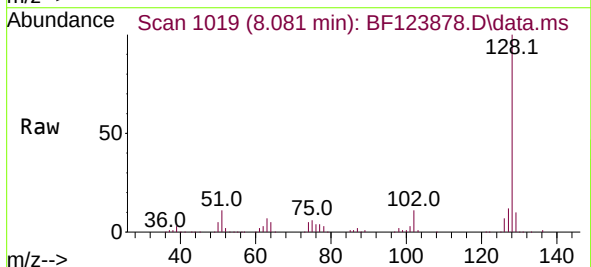
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DRUM-D-E

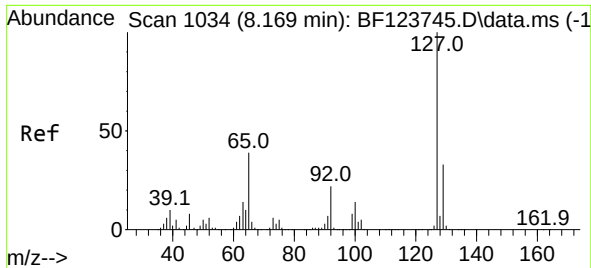
Tgt Ion:128 Resp: 154675
Ion Ratio Lower Upper
128 100
129 10.1 8.9 13.3
127 12.4 10.8 16.2



#32
Benzoic acid
Concen: 5.49 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.224 min
Lab File: BF123878.D
Acq: 7 May 2021 21:34

Tgt Ion:122 Resp: 465
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 1313.2 81.6 121.6#

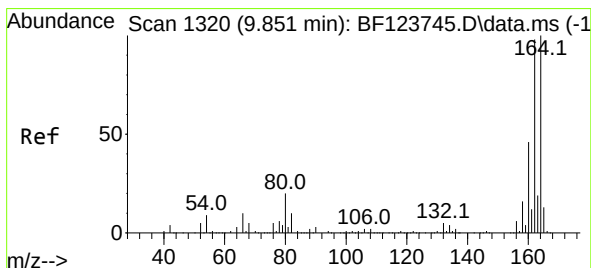
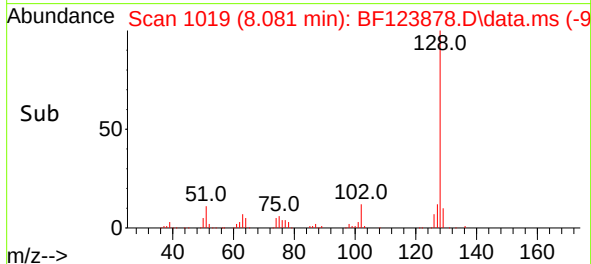
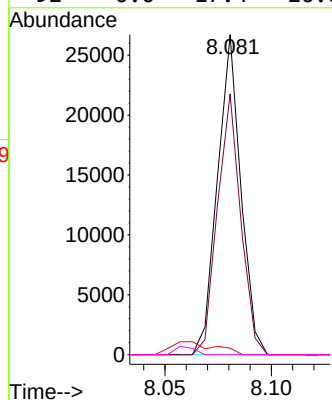
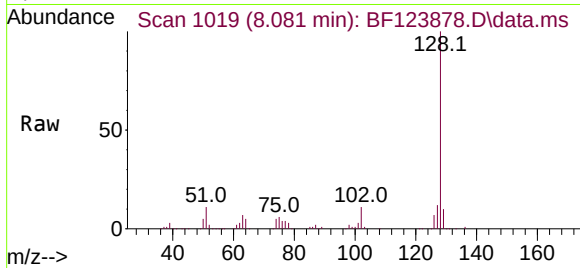




#33
4-Chloroaniline
Concen: 2.36 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.059 min
Lab File: BF123878.D
Acq: 7 May 2021 21:34

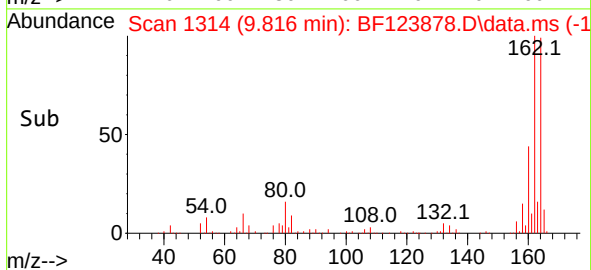
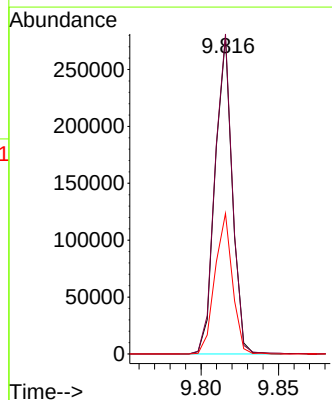
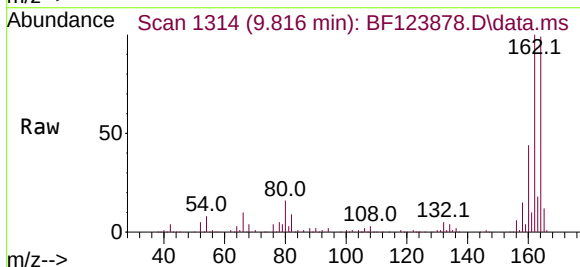
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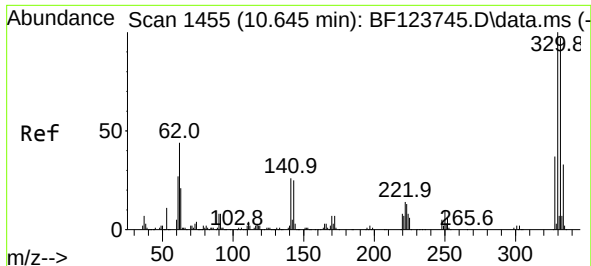
Tgt Ion:127	Resp:	20367
Ion Ratio	Lower	Upper
127	100	
129	81.5	25.7 38.5#
65	2.1	34.5 51.7#
92	0.0	17.4 26.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF123878.D
Acq: 7 May 2021 21:34

Tgt Ion:164	Resp:	214767
Ion Ratio	Lower	Upper
164	100	
162	101.0	80.7 121.1
160	44.3	37.3 55.9

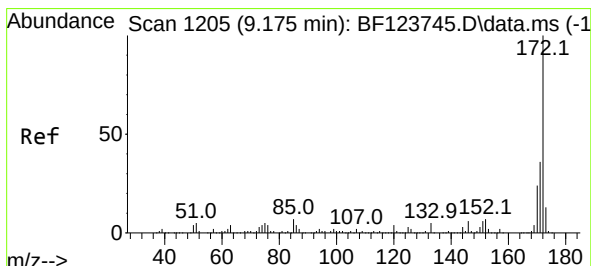
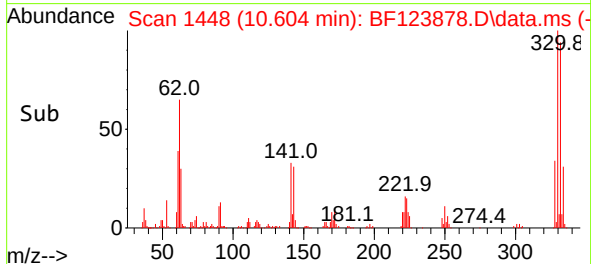
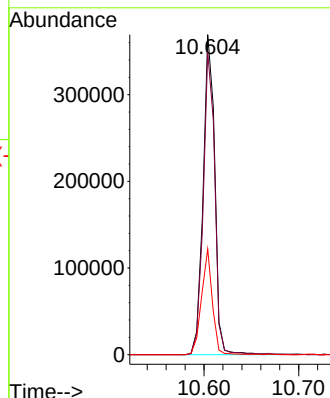
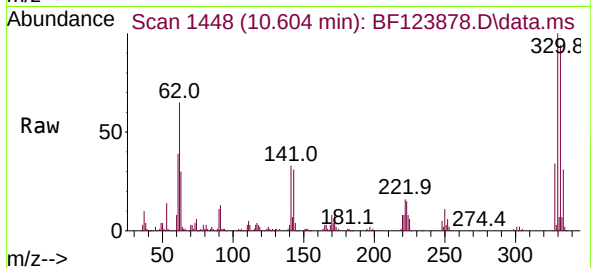




#42
2,4,6-Tribromophenol
Concen: 118.43 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF123878.D
Acq: 7 May 2021 21:34

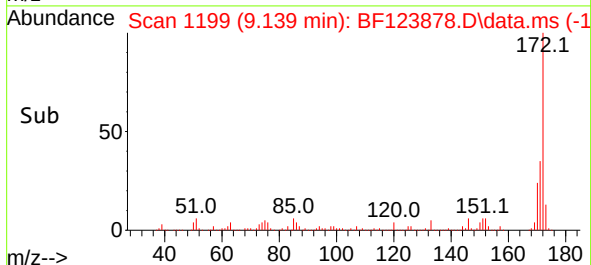
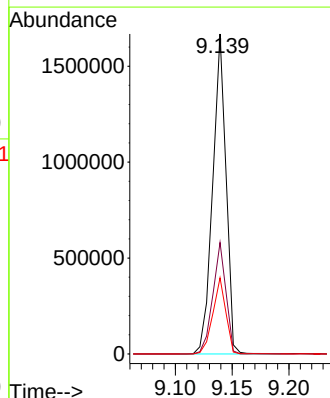
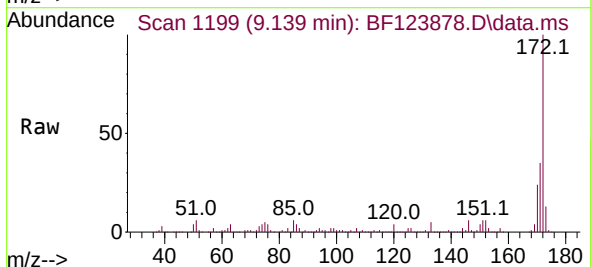
Instrument :
BNA_F
ClientSampleId :
DRUM-D-E

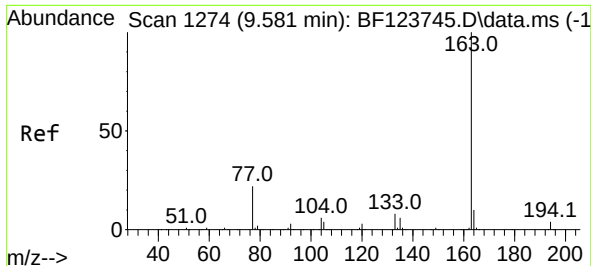
Tgt Ion:330 Resp: 316643
Ion Ratio Lower Upper
330 100
332 93.5 77.1 115.7
141 30.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 92.05 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF123878.D
Acq: 7 May 2021 21:34

Tgt Ion:172 Resp: 1357453
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.8 19.2 28.8

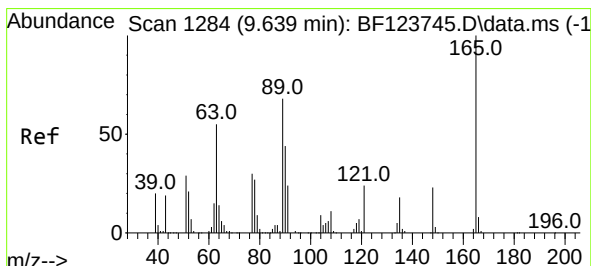
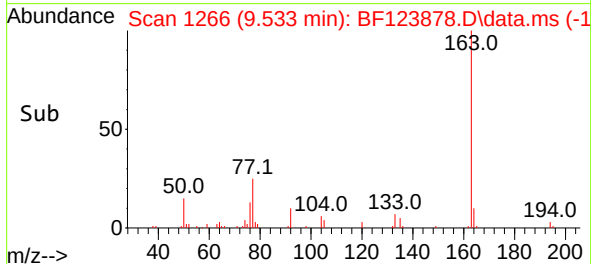
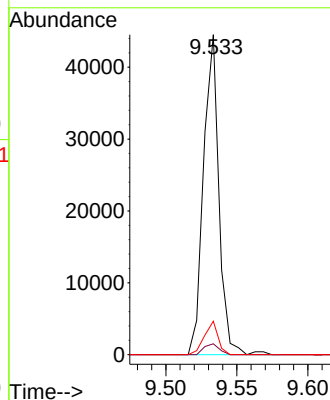
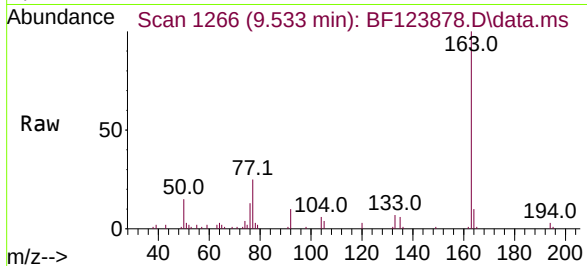




#50
Dimethylphthalate
Concen: 2.23 ng
RT: 9.533 min Scan# 1266
Delta R.T. -0.018 min
Lab File: BF123878.D
Acq: 7 May 2021 21:34

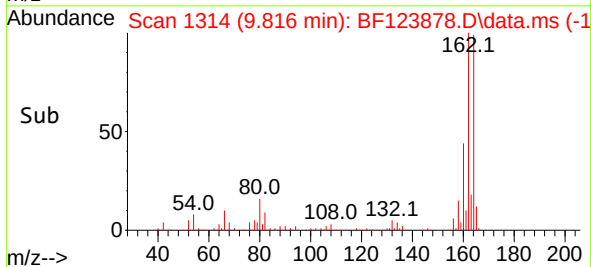
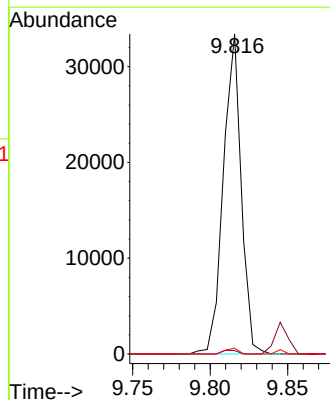
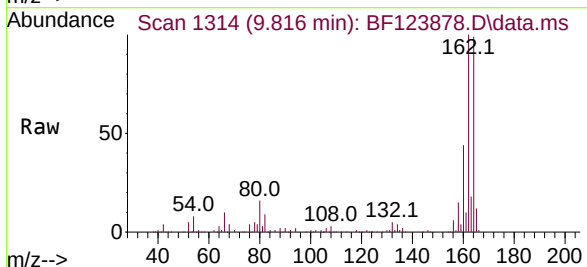
Instrument :
BNA_F
ClientSampleId :
DRUM-D-E

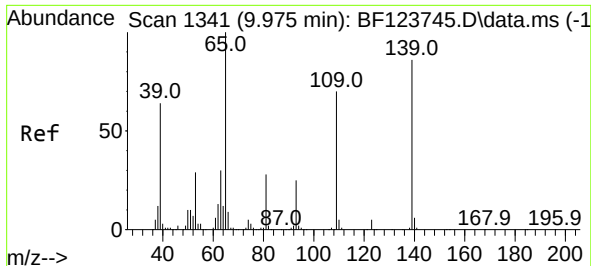
Tgt Ion:163 Resp: 33702
Ion Ratio Lower Upper
163 100
194 3.4 3.1 4.7
164 10.5 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 7.64 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.206 min
Lab File: BF123878.D
Acq: 7 May 2021 21:34

Tgt Ion:165 Resp: 26727
Ion Ratio Lower Upper
165 100
63 1.1 67.7 101.5#
89 1.8 58.8 88.2#

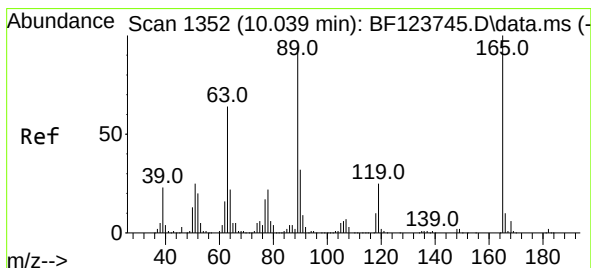
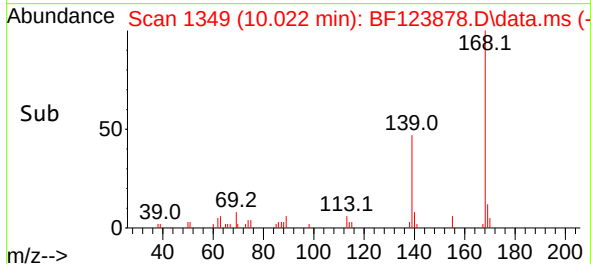
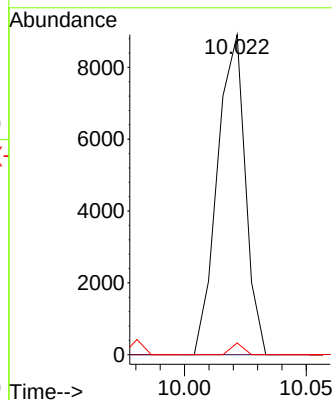
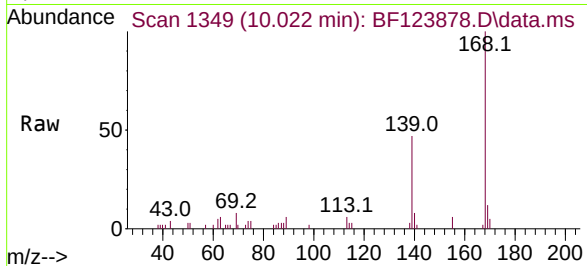




#56
4-Nitrophenol
Concen: 2.34 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.071 min
Lab File: BF123878.D
Acq: 7 May 2021 21:34

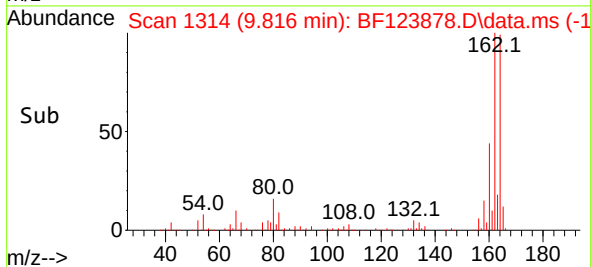
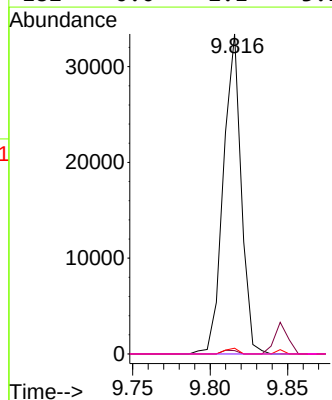
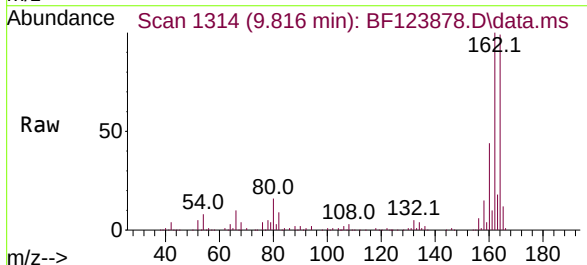
Instrument :
BNA_F
ClientSampleId :
DRUM-D-E

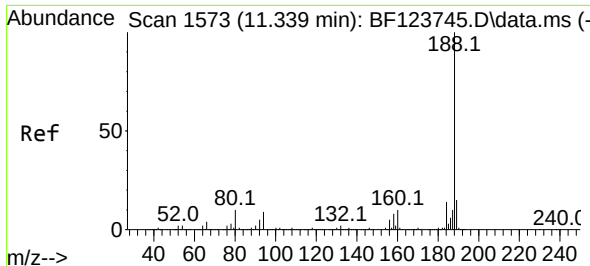
Tgt Ion:139 Resp: 7120
Ion Ratio Lower Upper
139 100
109 0.0 63.2 103.2#
65 3.6 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 5.61 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF123878.D
Acq: 7 May 2021 21:34

Tgt Ion:165 Resp: 26727
Ion Ratio Lower Upper
165 100
63 1.1 43.5 65.3#
89 1.8 67.7 101.5#
182 0.0 2.1 3.1#

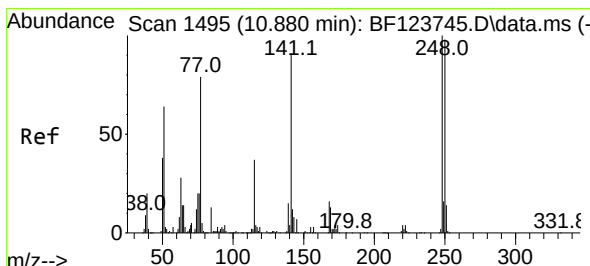
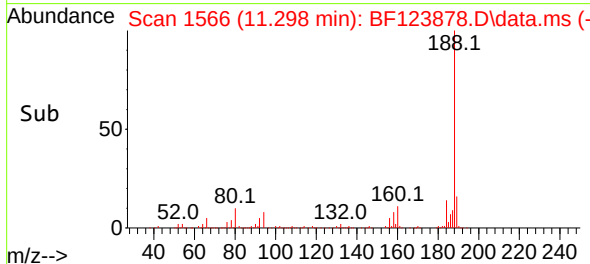
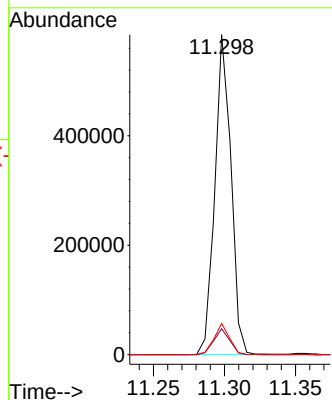
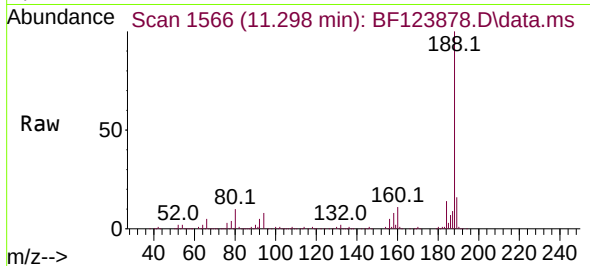




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF123878.D
Acq: 7 May 2021 21:34

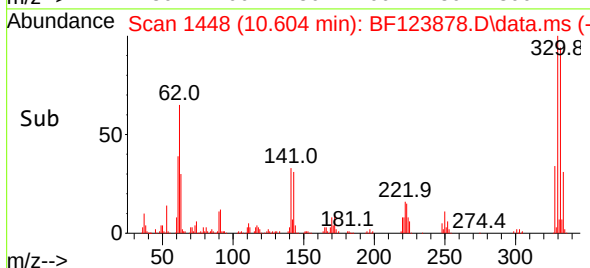
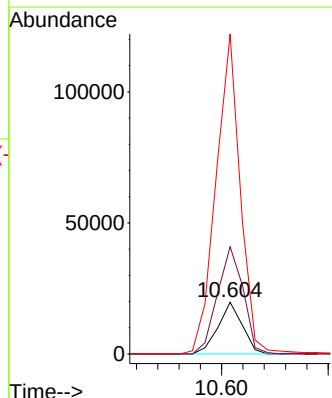
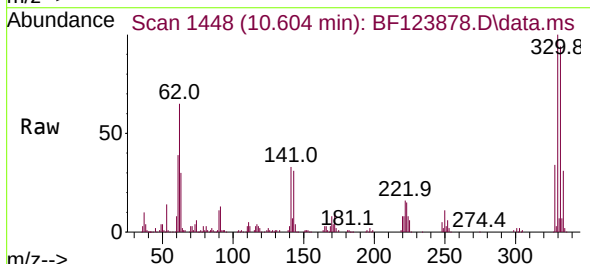
Instrument :
BNA_F
ClientSampleId :
DRUM-D-E

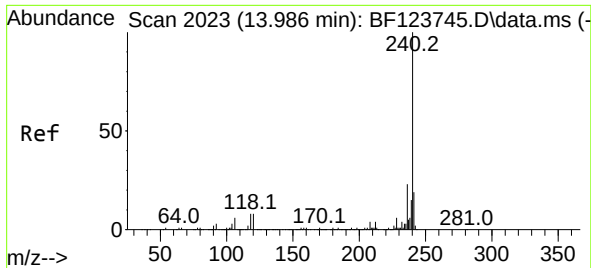
Tgt Ion:188 Resp: 463169
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.7 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.21 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.247 min
Lab File: BF123878.D
Acq: 7 May 2021 21:34

Tgt Ion:248 Resp: 15660
Ion Ratio Lower Upper
248 100
250 207.5 77.4 116.2#
141 619.5 63.7 95.5#

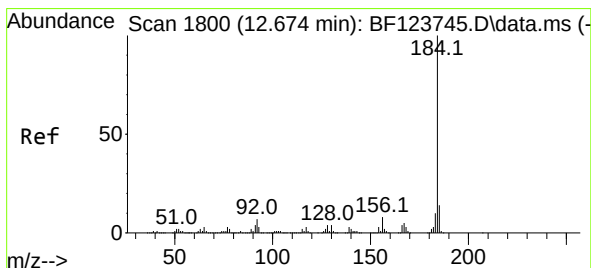
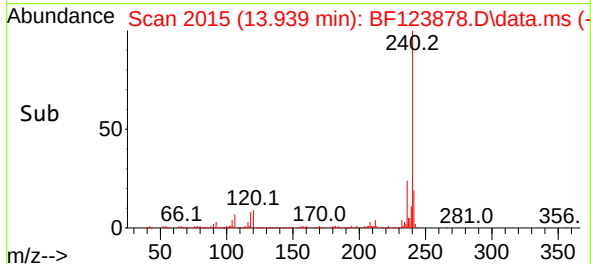
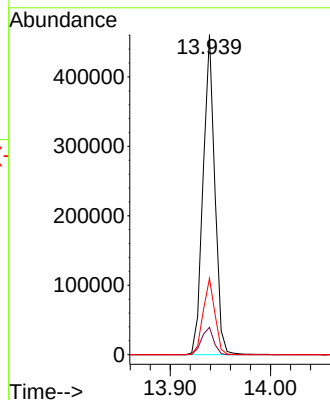
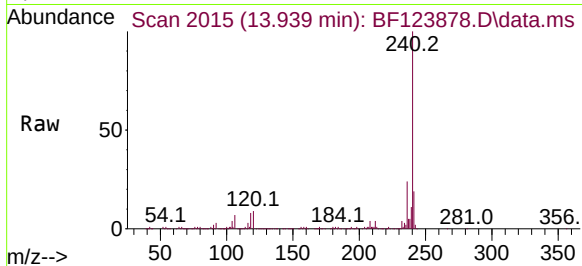




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF123878.D
Acq: 7 May 2021 21:34

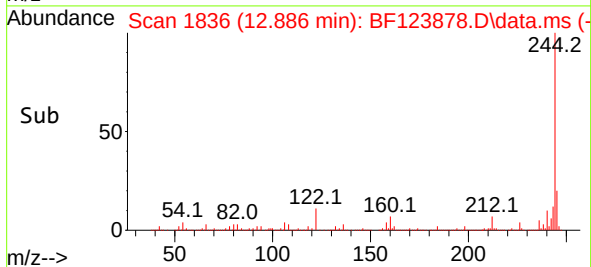
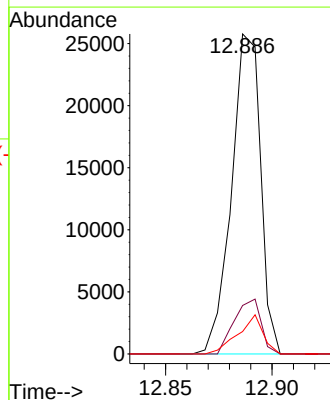
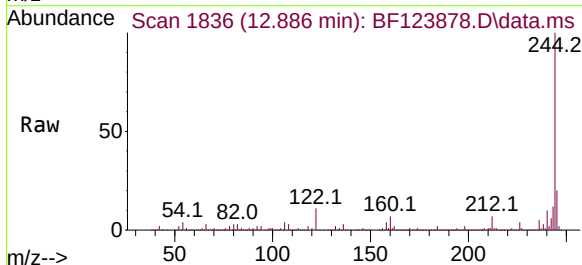
Instrument :
BNA_F
ClientSampleId :
DRUM-D-E

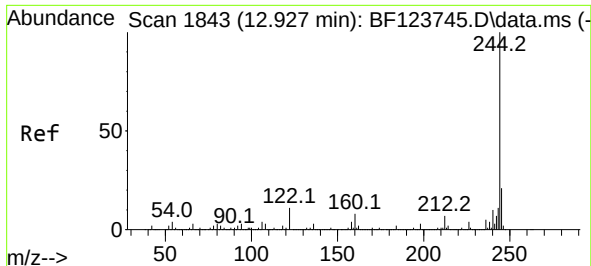
Tgt Ion:240 Resp: 375332
Ion Ratio Lower Upper
240 100
120 8.5 7.2 10.8
236 23.8 19.0 28.4



#77
Benzidine
Concen: 2.52 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.247 min
Lab File: BF123878.D
Acq: 7 May 2021 21:34

Tgt Ion:184 Resp: 24466
Ion Ratio Lower Upper
184 100
185 15.2 12.1 18.1
183 7.0 7.8 11.8#

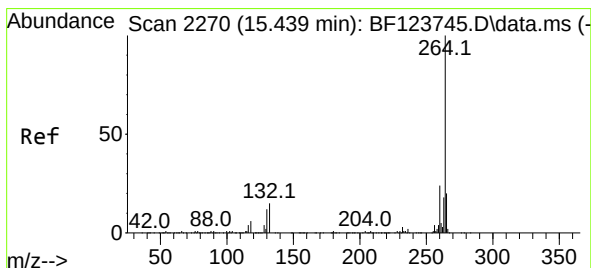
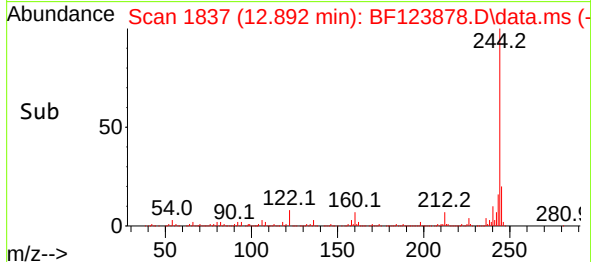
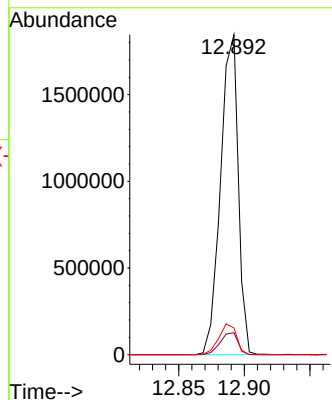
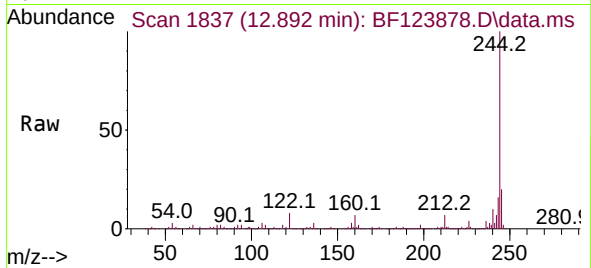




#79
 Terphenyl-d14
 Concen: 88.79 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF123878.D
 Acq: 7 May 2021 21:34

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-D-E

Tgt Ion:244 Resp: 1730615
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 8.3 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.380 min Scan# 2260
 Delta R.T. -0.006 min
 Lab File: BF123878.D
 Acq: 7 May 2021 21:34

Tgt Ion:264 Resp: 319742
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 20.7 17.8 26.8

