

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
 Data File : BF123603.D
 Acq On : 16 Apr 2021 21:17
 Operator : JU/CG
 Sample : M2048-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-14.5-15.0

Quant Time: Apr 17 01:25:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 10:31:33 2021
 Response via : Initial Calibration

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

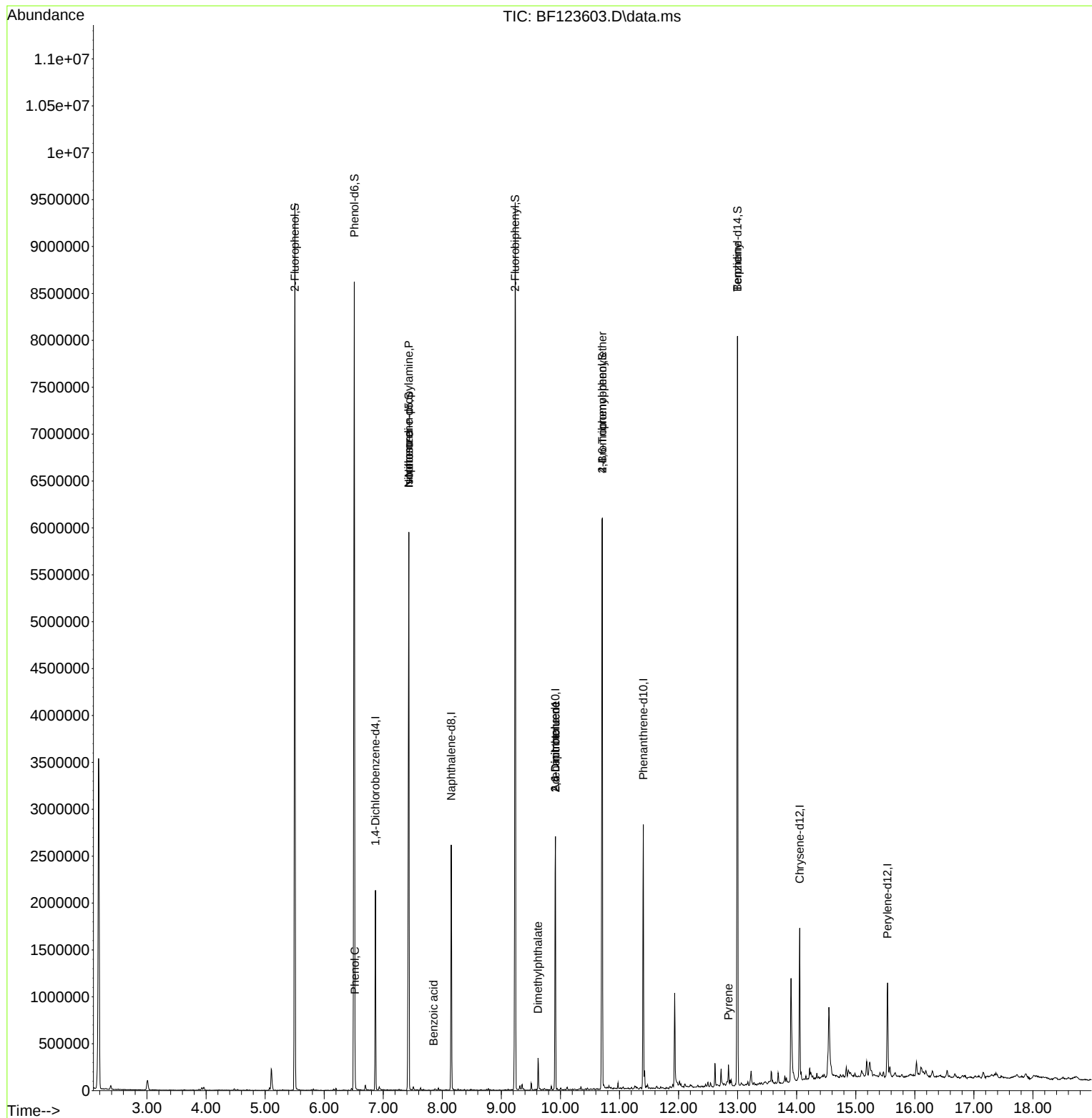
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	257708	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1019066	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	499858	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	924025	20.00	ng	0.00
76) Chrysene-d12	14.051	240	533225	20.00	ng	0.00
86) Perylene-d12	15.539	264	458949	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	2041658	128.05	ng	0.02
7) Phenol-d6	6.510	99	2677353	121.18	ng	0.01
23) Nitrobenzene-d5	7.433	82	1930001	87.07	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	787069	139.05	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2907561	86.71	ng	0.00
79) Terphenyl-d14	12.998	244	2655641	96.80	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.522	94	65695	2.80	ng	94
19) n-Nitroso-di-n-propyla...	7.433	70	262692	17.95	ng	# 74
25) Isophorone	7.433	82	1929983	44.88	ng	# 69
32) Benzoic acid	7.851	122	782	4.62	ng	# 14
50) Dimethylphthalate	9.622	163	108788	3.15	ng	# 99
51) 2,6-Dinitrotoluene	9.916	165	65083	8.59	ng	# 11
57) 2,4-Dinitrotoluene	9.916	165	65083	6.43	ng	# 17
67) 4-Bromophenyl-phenylether	10.710	248	44860	4.64	ng	# 1
77) Benzidine	12.998	184	37881	2.61	ng	98
78) Pyrene	12.845	202	79982	2.06	ng	97
89) Benzo(k)fluoranthene	15.098	252	40105	Below Cal	#	93
92) Benzo(g,h,i)perylene	17.474	276	15091	Below Cal	#	94

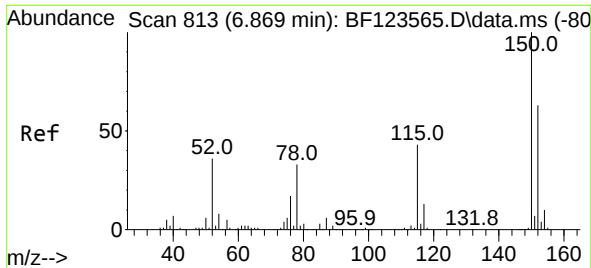
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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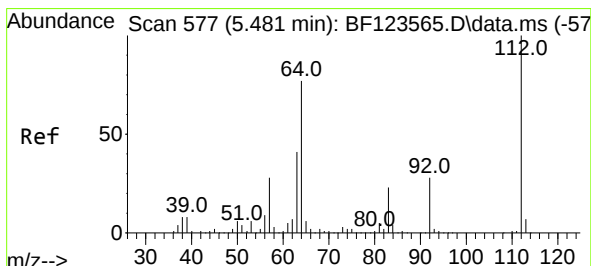
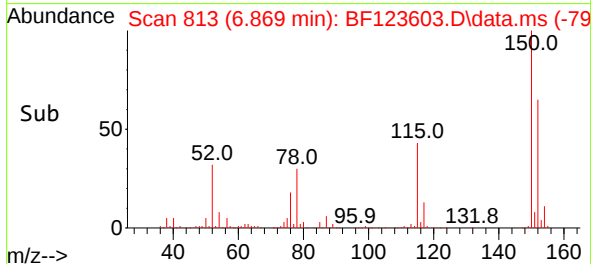
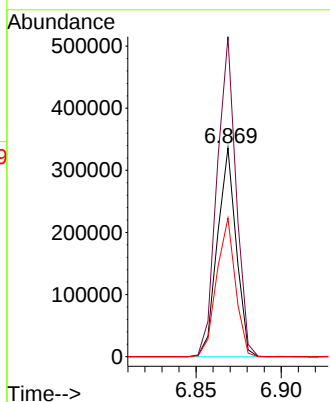
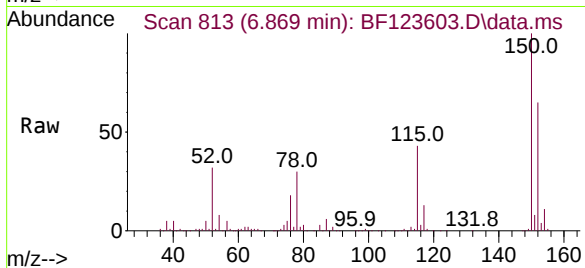




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123603.D
Acq: 16 Apr 2021 21:17

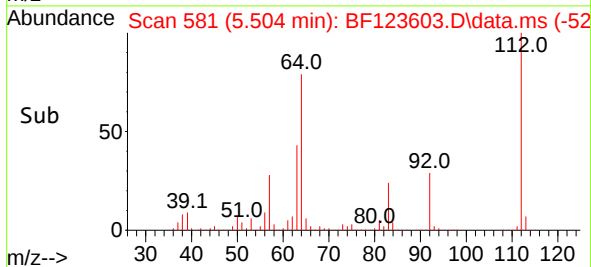
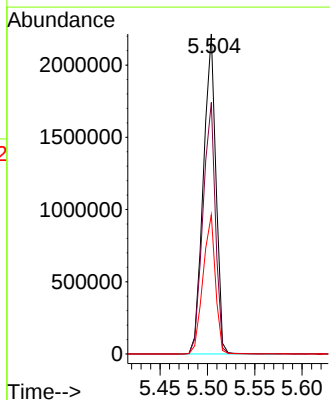
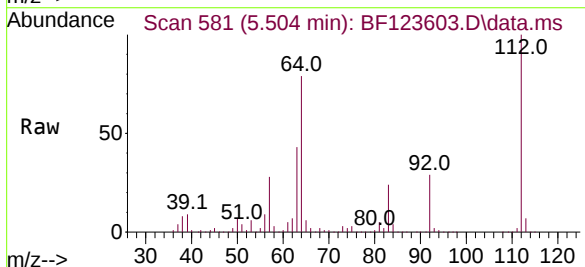
Instrument :
BNA_F
ClientSampleId :
SB-04-14.5-15.0

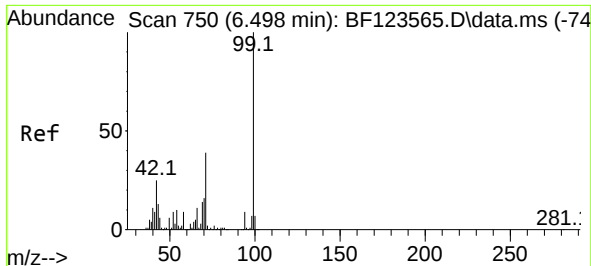
Tgt Ion:152 Resp: 257708
Ion Ratio Lower Upper
152 100
150 153.3 127.0 190.6
115 66.4 54.3 81.5



#5
2-Fluorophenol
Concen: 128.05 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.023 min
Lab File: BF123603.D
Acq: 16 Apr 2021 21:17

Tgt Ion:112 Resp: 2041658
Ion Ratio Lower Upper
112 100
64 78.6 61.4 92.0
63 43.4 33.0 49.4



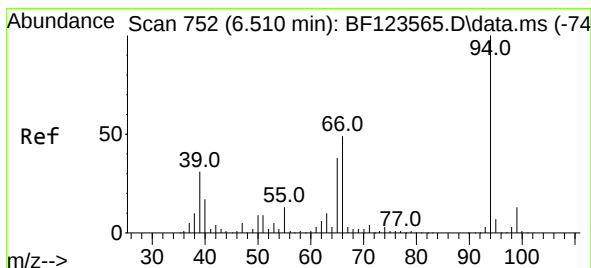
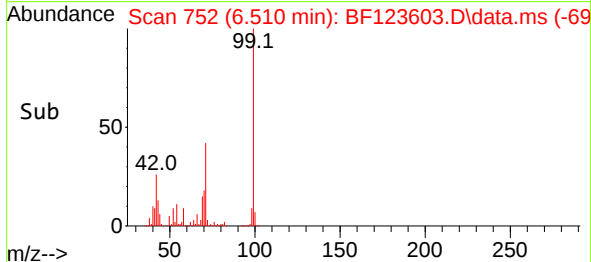
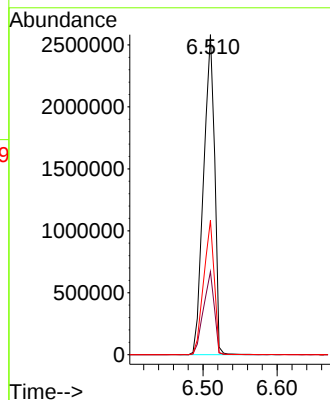
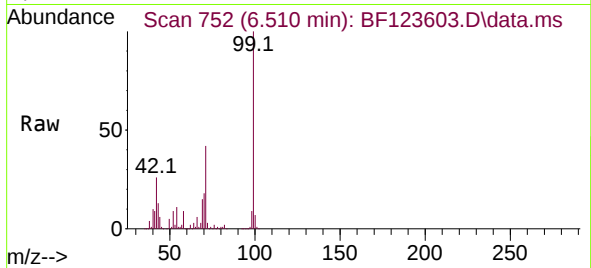


#7
Phenol-d6
Concen: 121.18 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF123603.D
Acq: 16 Apr 2021 21:17

Instrument :
BNA_F
ClientSampleId :
SB-04-14.5-15.0

Tgt Ion: 99 Resp: 2677353

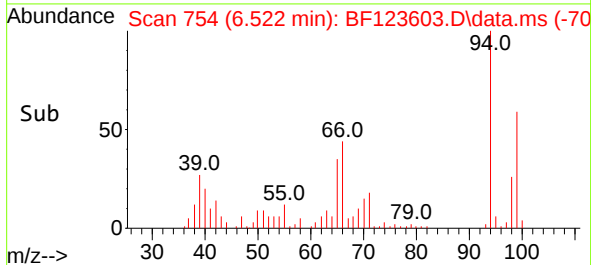
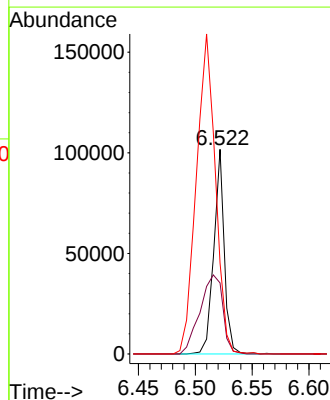
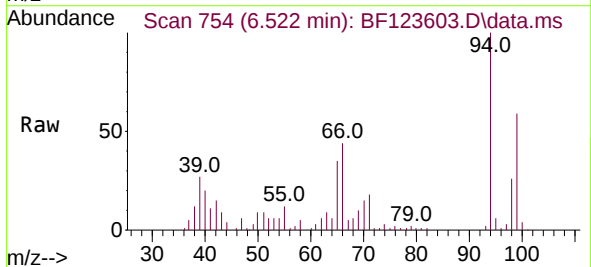
Ion	Ratio	Lower	Upper
99	100		
42	26.0	19.8	29.8
71	42.0	31.1	46.7

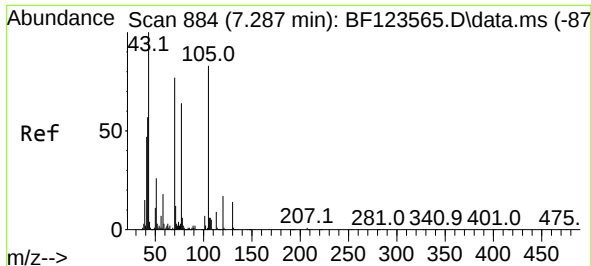


#10
Phenol
Concen: 2.80 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.012 min
Lab File: BF123603.D
Acq: 16 Apr 2021 21:17

Tgt Ion: 94 Resp: 65695

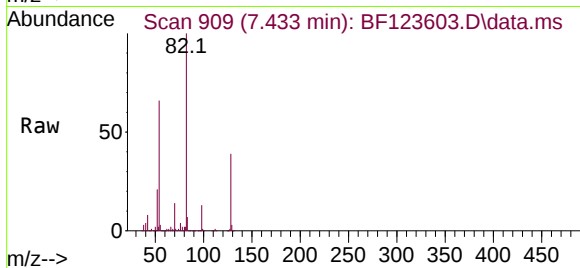
Ion	Ratio	Lower	Upper
94	100		
65	34.7	18.1	58.1
66	44.5	29.0	69.0



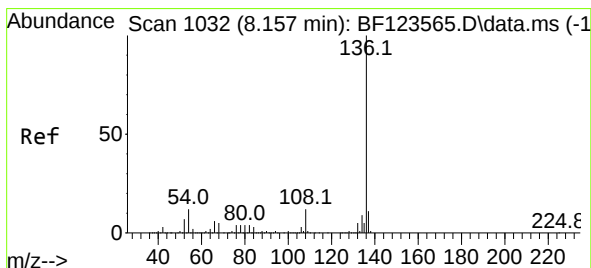
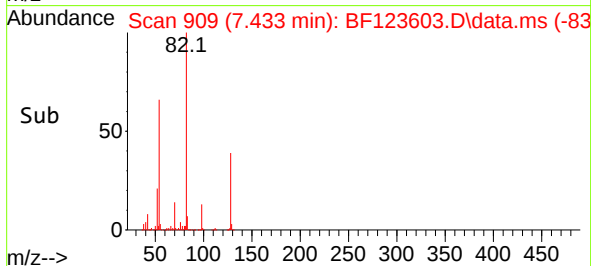
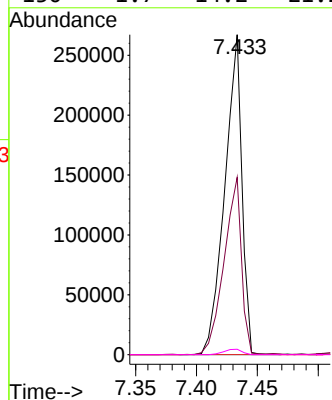


#19
n-Nitroso-di-n-propylamine
Concen: 17.95 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF123603.D
Acq: 16 Apr 2021 21:17

Instrument :
BNA_F
ClientSampleId :
SB-04-14.5-15.0

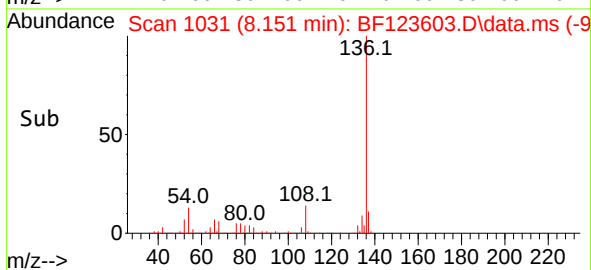
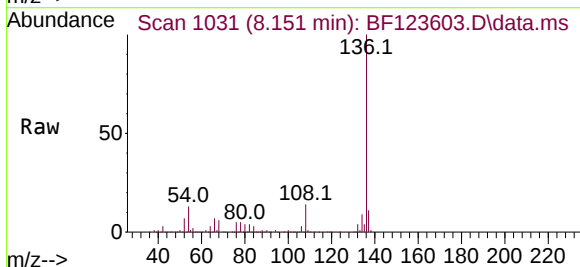
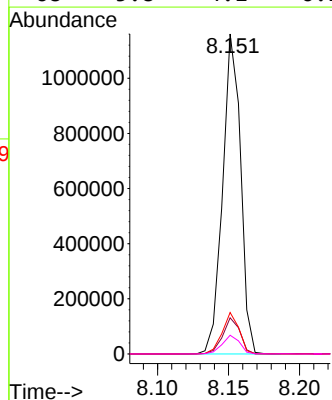


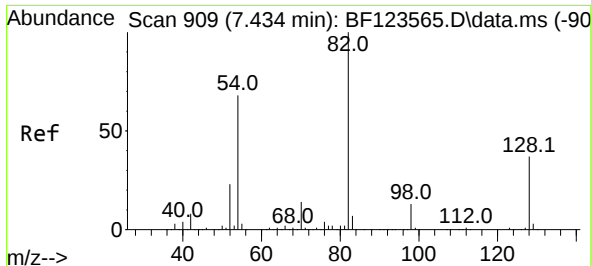
Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.4	60.1	90.1#
101	0.0	7.4	11.2#
130	1.7	14.2	21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF123603.D
Acq: 16 Apr 2021 21:17

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	12.9	9.8	14.6
68	5.8	4.1	6.1

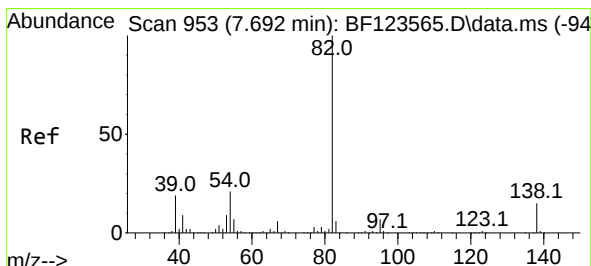
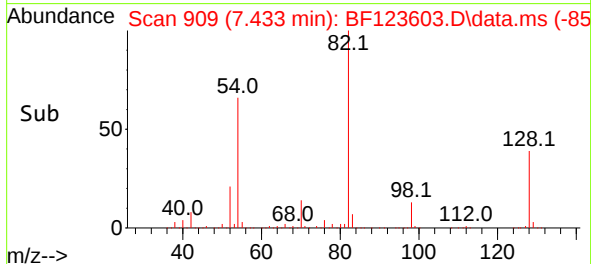
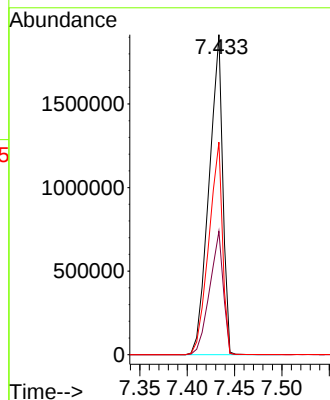
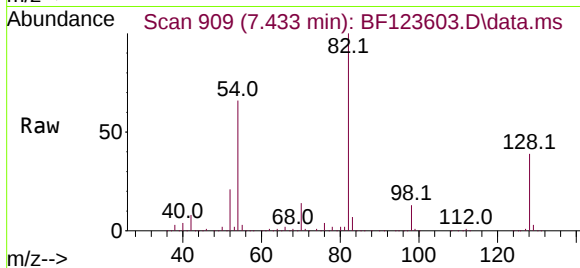




#23
Nitrobenzene-d5
Concen: 87.07 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF123603.D
Acq: 16 Apr 2021 21:17

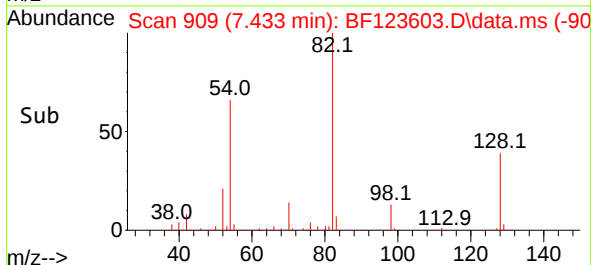
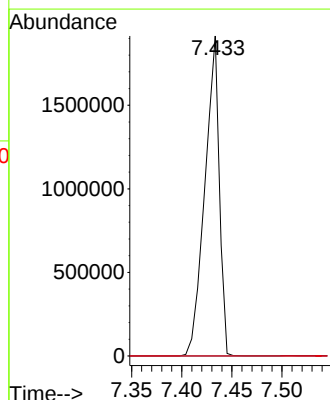
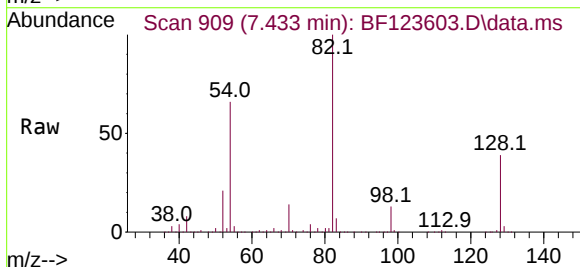
Instrument :
BNA_F
ClientSampleId :
SB-04-14.5-15.0

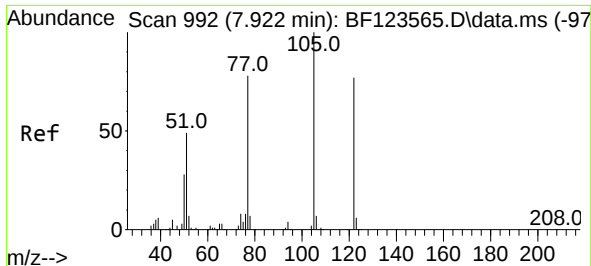
Tgt Ion: 82 Resp: 1930001
Ion Ratio Lower Upper
82 100
128 38.5 29.4 44.2
54 66.4 54.1 81.1



#25
Isophorone
Concen: 44.88 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.259 min
Lab File: BF123603.D
Acq: 16 Apr 2021 21:17

Tgt Ion: 82 Resp: 1929983
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#

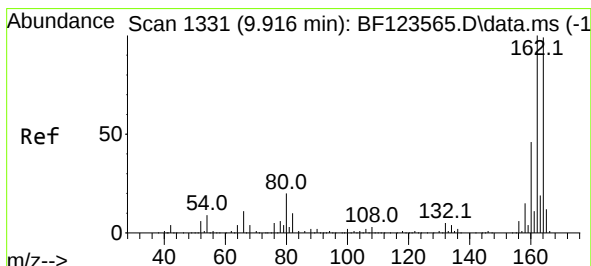
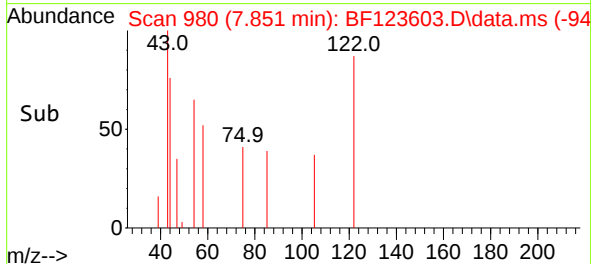
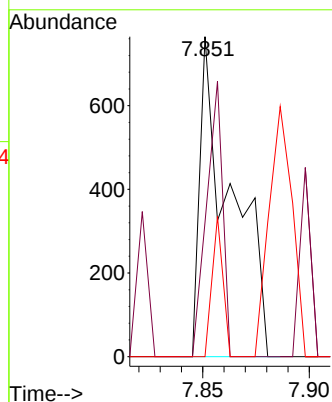
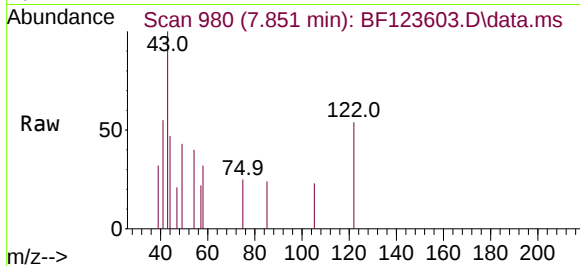




#32
Benzoic acid
Concen: 4.62 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.071 min
Lab File: BF123603.D
Acq: 16 Apr 2021 21:17

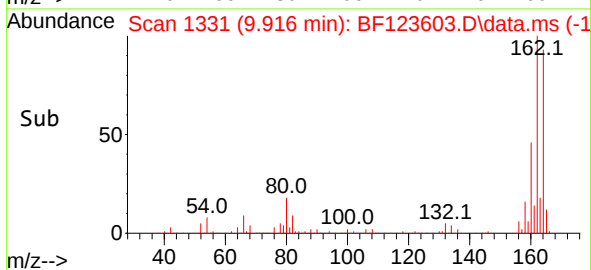
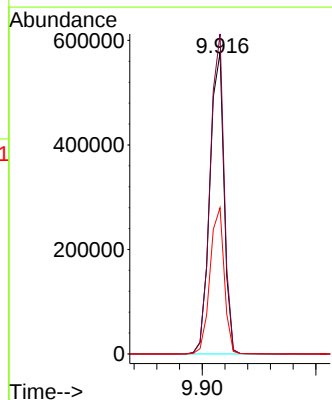
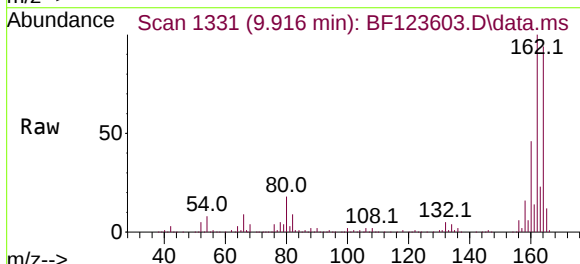
Instrument :
BNA_F
ClientSampleId :
SB-04-14.5-15.0

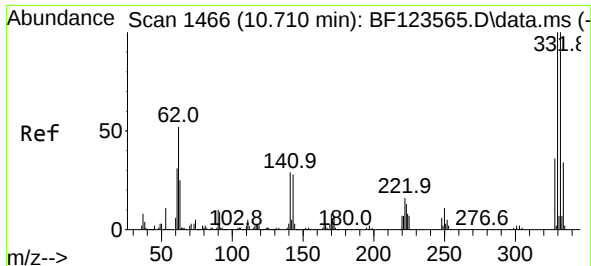
Tgt Ion:122 Resp: 782
Ion Ratio Lower Upper
122 100
105 42.0 107.8 147.8#
77 0.0 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF123603.D
Acq: 16 Apr 2021 21:17

Tgt Ion:164 Resp: 499858
Ion Ratio Lower Upper
164 100
162 106.2 80.7 121.1
160 48.5 37.3 55.9

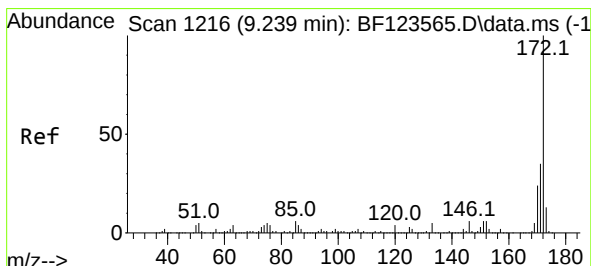
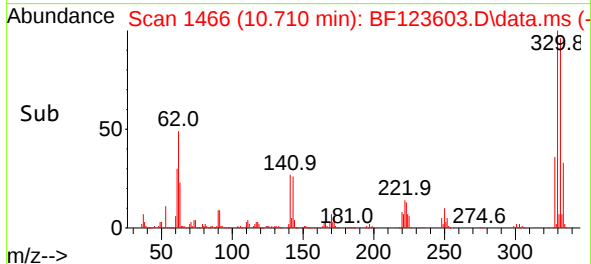
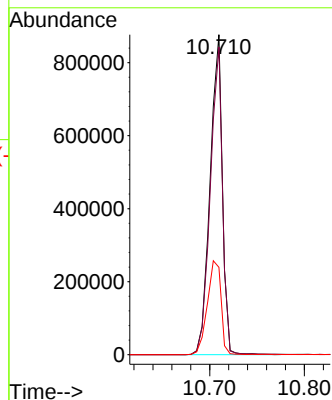
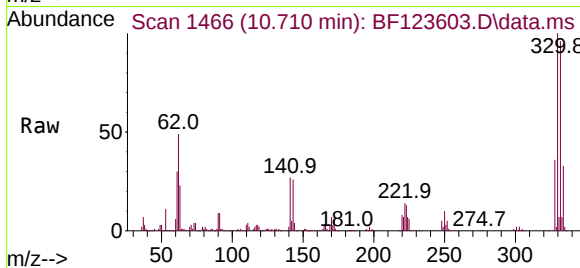




#42
2,4,6-Tribromophenol
Concen: 139.05 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF123603.D
Acq: 16 Apr 2021 21:17

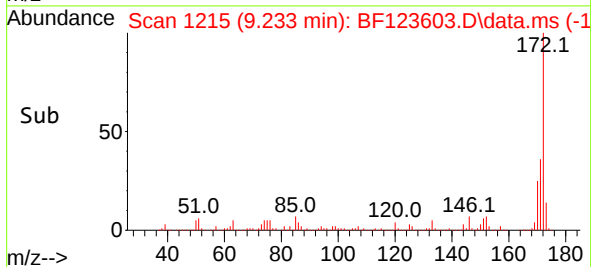
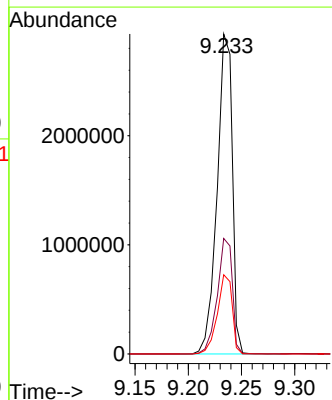
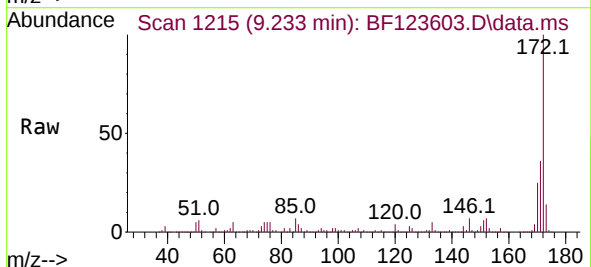
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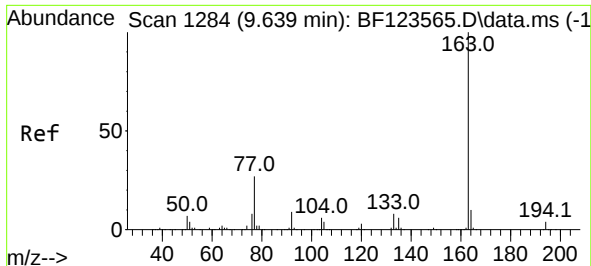
Tgt Ion:	330	Resp:	787069
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.1	115.7
141	32.6	27.9	41.9



#45
2-Fluorobiphenyl
Concen: 86.71 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF123603.D
Acq: 16 Apr 2021 21:17

Tgt Ion:	172	Resp:	2907561
Ion Ratio	Lower	Upper	
172	100		
171	36.1	28.1	42.1
170	24.8	19.2	28.8

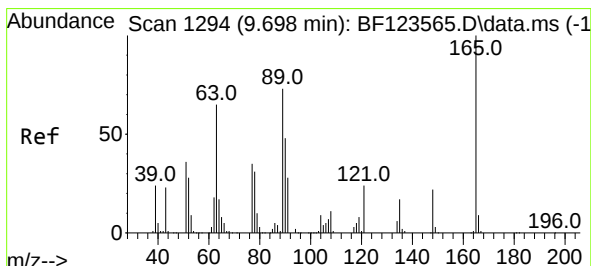
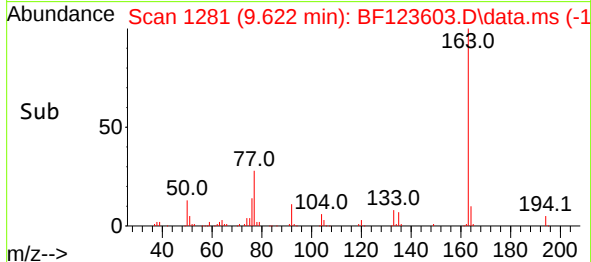
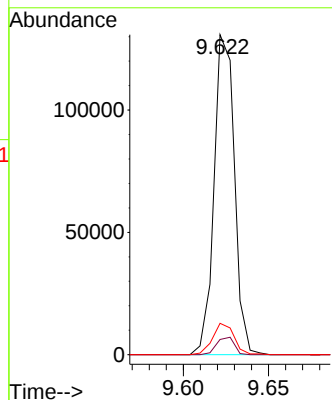
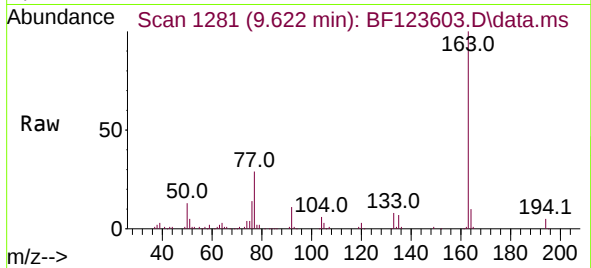




#50
Dimethylphthalate
Concen: 3.15 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF123603.D
Acq: 16 Apr 2021 21:17

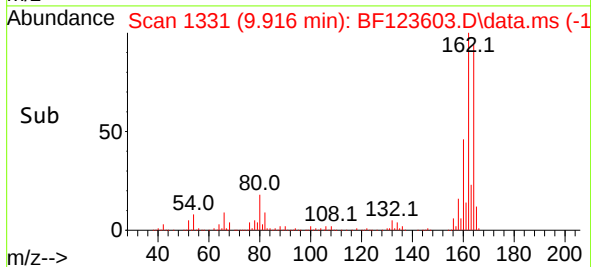
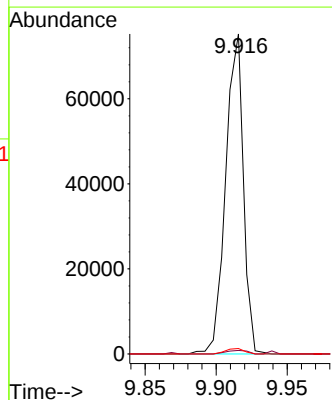
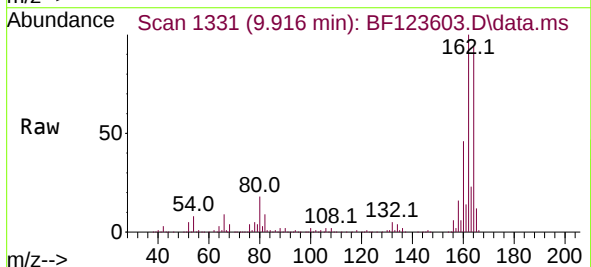
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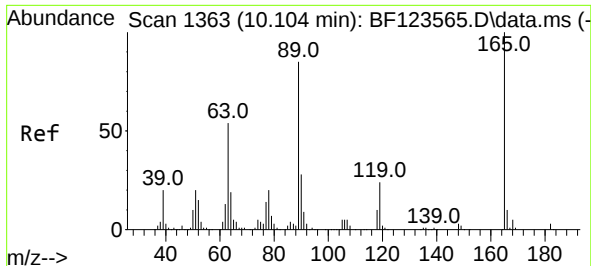
Tgt Ion:163 Resp: 108788
Ion Ratio Lower Upper
163 100
194 4.7 3.1 4.7#
164 9.8 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 8.59 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.218 min
Lab File: BF123603.D
Acq: 16 Apr 2021 21:17

Tgt Ion:165 Resp: 65083
Ion Ratio Lower Upper
165 100
63 1.1 67.7 101.5#
89 1.7 58.8 88.2#

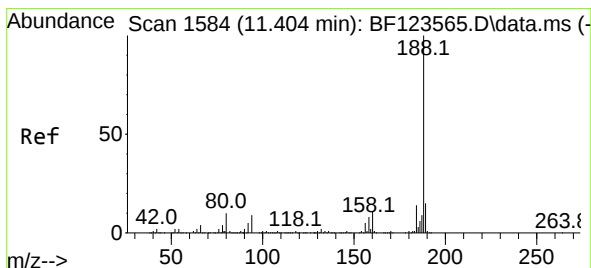
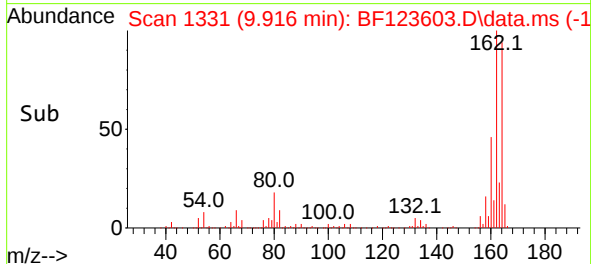
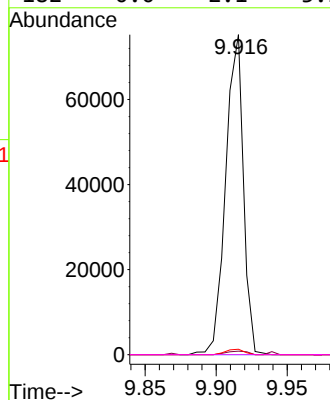
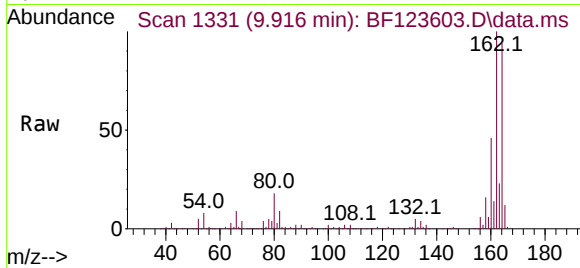




#57
2,4-Dinitrotoluene
Concen: 6.43 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF123603.D
Acq: 16 Apr 2021 21:17

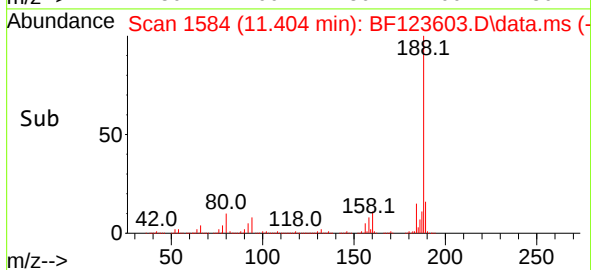
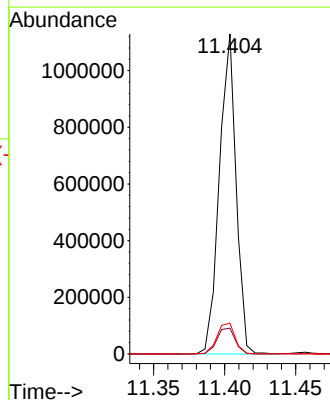
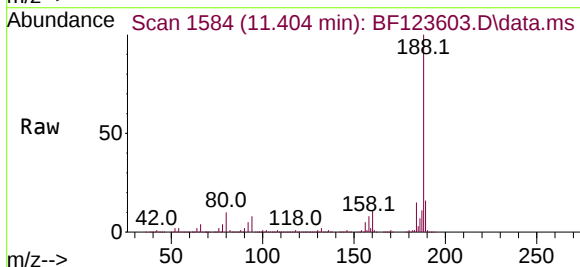
Instrument :
BNA_F
ClientSampleId :
SB-04-14.5-15.0

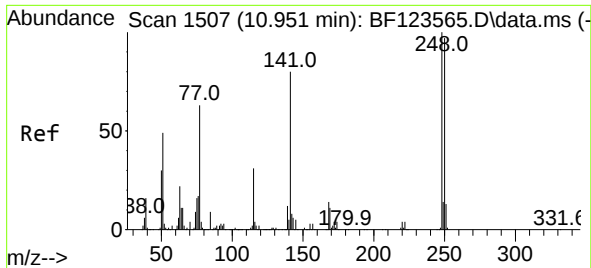
Tgt Ion:	165	Resp:	65083
Ion Ratio	Lower	Upper	
165	100		
63	1.1	43.5	65.3#
89	1.7	67.7	101.5#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF123603.D
Acq: 16 Apr 2021 21:17

Tgt Ion:	188	Resp:	924025
Ion Ratio	Lower	Upper	
188	100		
94	8.0	6.9	10.3
80	9.6	8.2	12.2

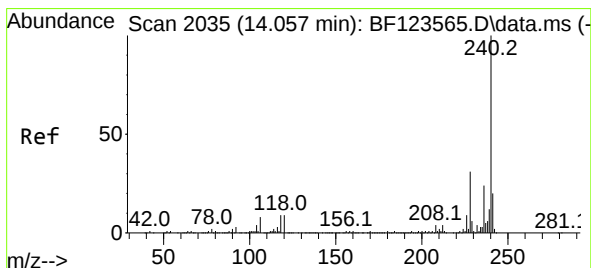
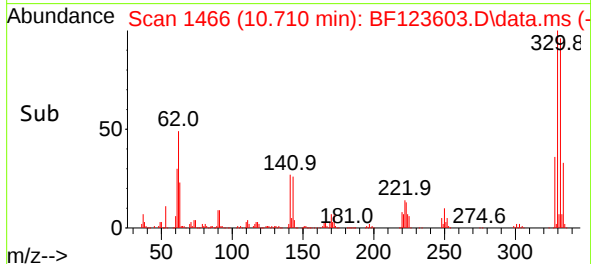
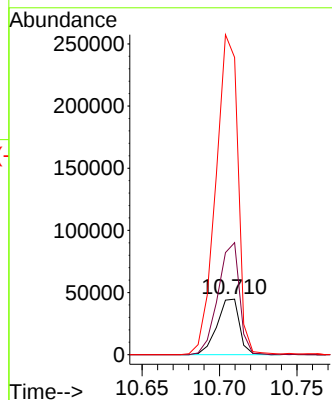
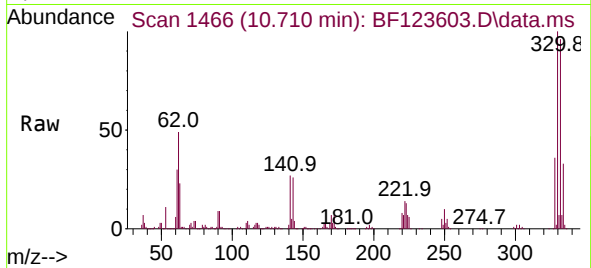




#67
4-Bromophenyl-phenylether
Concen: 4.64 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.241 min
Lab File: BF123603.D
Acq: 16 Apr 2021 21:17

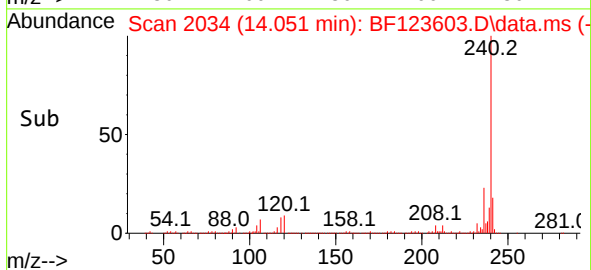
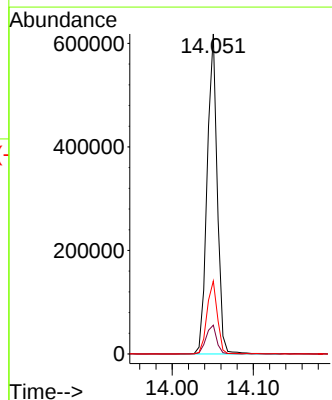
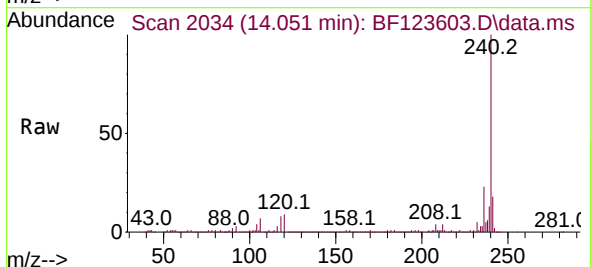
Instrument :
BNA_F
ClientSampleId :
SB-04-14.5-15.0

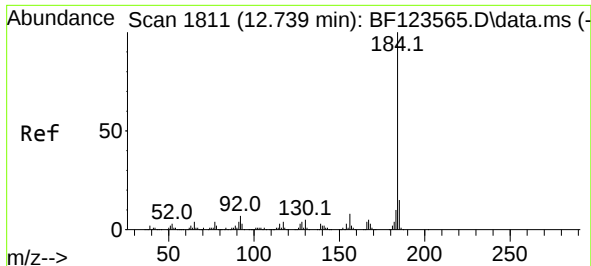
Tgt Ion:248 Resp: 44860
Ion Ratio Lower Upper
248 100
250 201.8 77.4 116.2#
141 536.1 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF123603.D
Acq: 16 Apr 2021 21:17

Tgt Ion:240 Resp: 533225
Ion Ratio Lower Upper
240 100
120 9.0 7.2 10.8
236 22.8 19.0 28.4

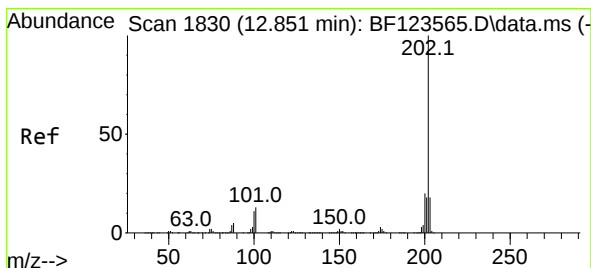
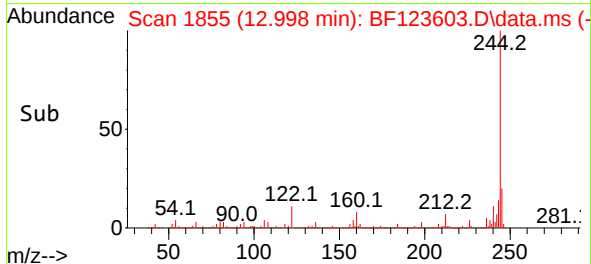
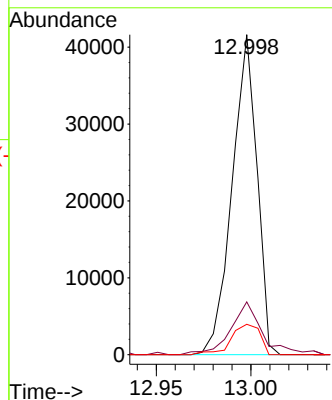
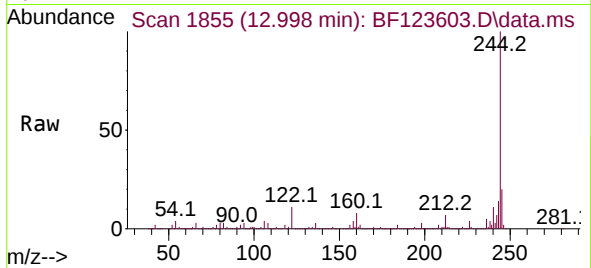




#77
Benzidine
Concen: 2.61 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.253 min
Lab File: BF123603.D
Acq: 16 Apr 2021 21:17

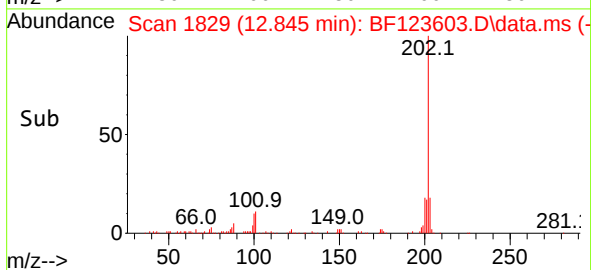
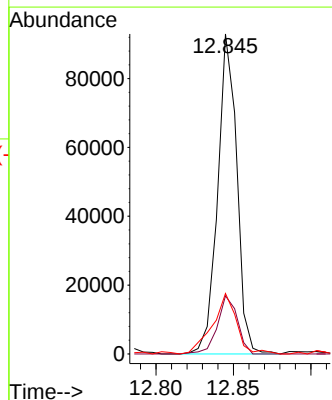
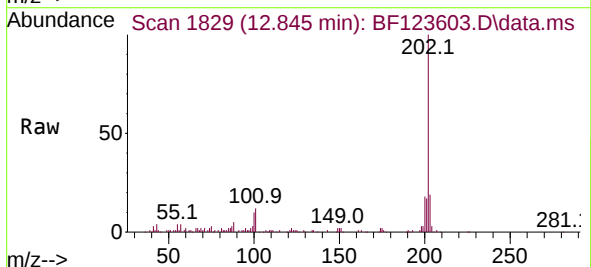
Instrument :
BNA_F
ClientSampleId :
SB-04-14.5-15.0

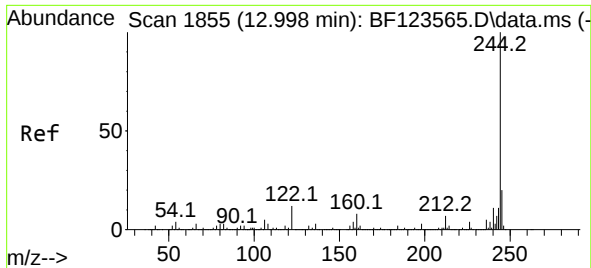
Tgt Ion:184 Resp: 37881
Ion Ratio Lower Upper
184 100
185 16.5 12.1 18.1
183 9.5 7.8 11.8



#78
Pyrene
Concen: 2.06 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.012 min
Lab File: BF123603.D
Acq: 16 Apr 2021 21:17

Tgt Ion:202 Resp: 79982
Ion Ratio Lower Upper
202 100
200 18.1 16.1 24.1
203 18.9 14.8 22.2

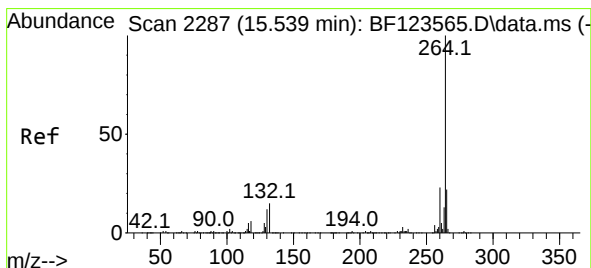
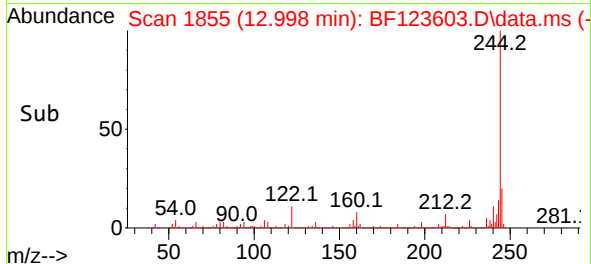
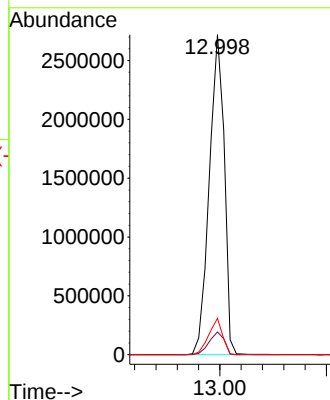
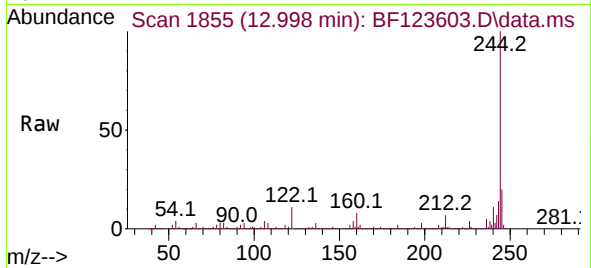




#79
 Terphenyl-d14
 Concen: 96.80 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. -0.000 min
 Lab File: BF123603.D
 Acq: 16 Apr 2021 21:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-14.5-15.0

Tgt Ion:244 Resp: 2655641
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 11.4 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.000 min
 Lab File: BF123603.D
 Acq: 16 Apr 2021 21:17

Tgt Ion:264 Resp: 458949
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.7 28.1
 265 21.6 17.8 26.8

