

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040221\
 Data File : BG048573.D
 Acq On : 2 Apr 2021 17:57
 Operator : CG/JU
 Sample : M1835-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ASR6

Quant Time: Apr 02 18:32:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 02 10:20:56 2021
 Response via : Initial Calibration

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

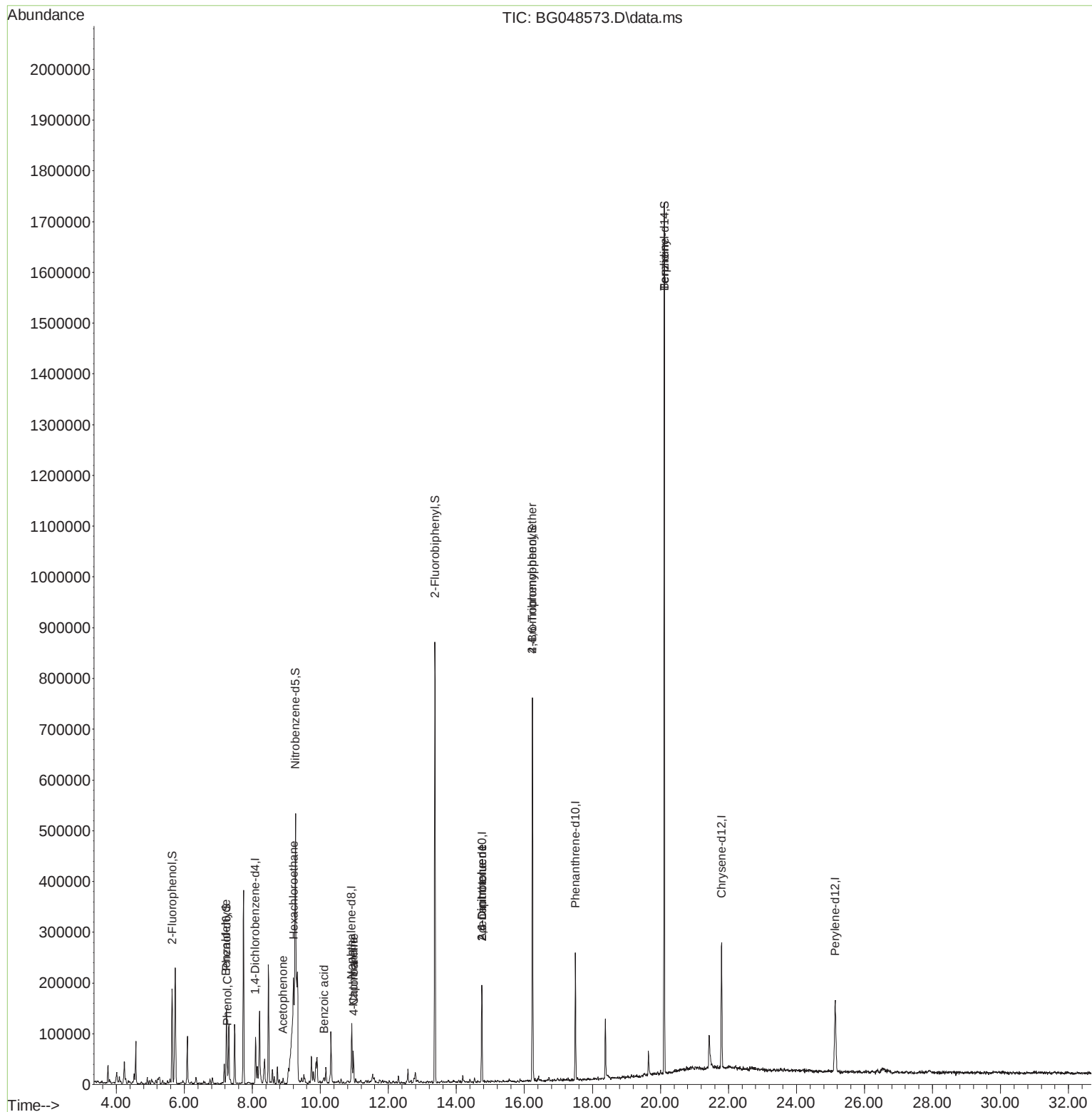
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	23930	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	95060	20.00	ng	# 0.00
39) Acenaphthene-d10	14.748	164	63787	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	158912	20.00	ng	0.00
76) Chrysene-d12	21.798	240	156227	20.00	ng	0.00
86) Perylene-d12	25.136	264	156081	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	77284	57.02	ng	0.00
7) Phenol-d6	7.245	99	59603	30.32	ng	0.00
23) Nitrobenzene-d5	9.266	82	189757	96.65	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	132046	157.48	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	443919	103.44	ng	0.00
79) Terphenyl-d14	20.112	244	755628	88.45	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.233	77	3609	2.87	ng	# 1
10) Phenol	7.268	94	8697	4.42	ng	82
18) Hexachloroethane	9.213	117	8126	12.57	ng	# 1
22) Acetophenone	8.902	105	6625	2.70	ng	# 60
31) Naphthalene	10.970	128	46021	9.42	ng	96
32) Benzoic acid	10.112	122	2495	2.33	ng	# 38
33) 4-Chloroaniline	10.982	127	6348	3.08	ng	# 42
51) 2,6-Dinitrotoluene	14.748	165	8233	7.60	ng	# 17
57) 2,4-Dinitrotoluene	14.748	165	8233	5.37	ng	# 22
67) 4-Bromophenyl-phenylether	16.234	248	9280	5.27	ng	# 1
77) Benzidine	20.112	184	14279	2.70	ng	# 87

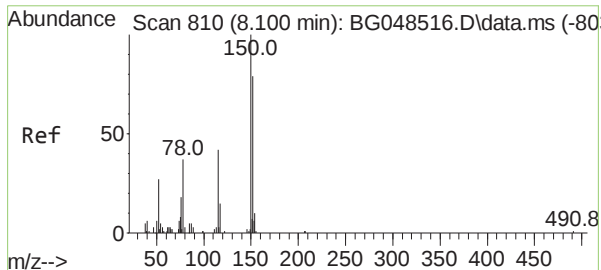
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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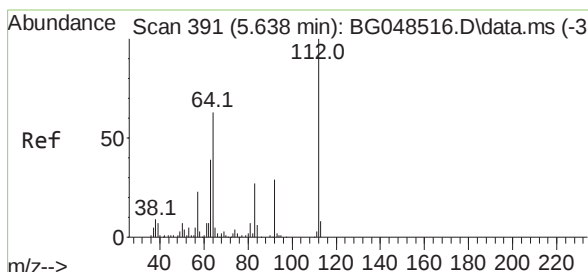
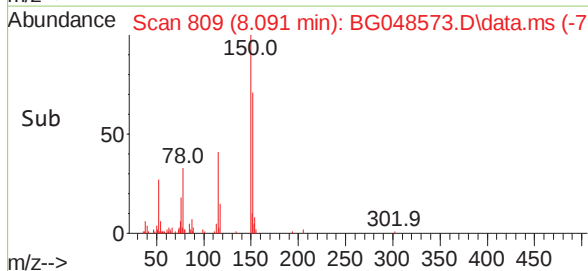
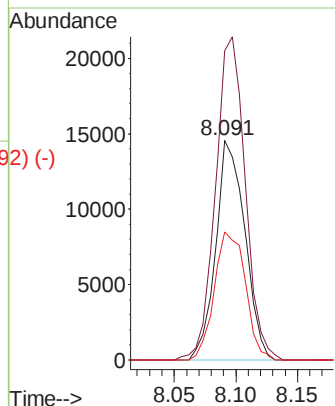
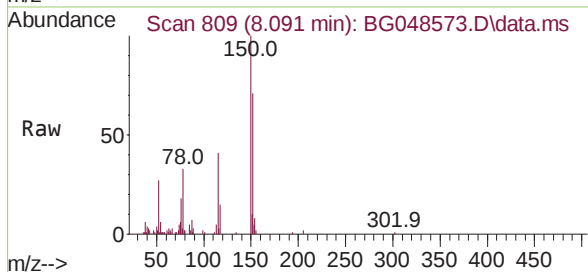




1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.091 min Scan# 809
Delta R.T. -0.003 min
Lab File: BG048573.D
Acq: 2 Apr 2021 17:57

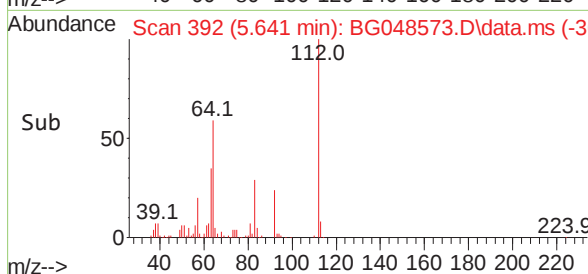
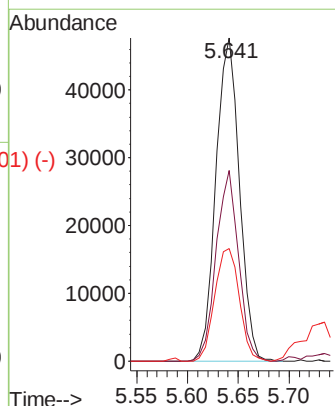
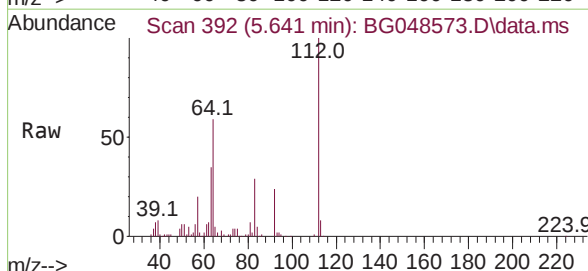
Instrument :
BNA_G
ClientSampleId :
ASR6

Tgt Ion:152 Resp: 23930
Ion Ratio Lower Upper
152 100
150 140.9 101.3 151.9
115 58.4 42.3 63.5

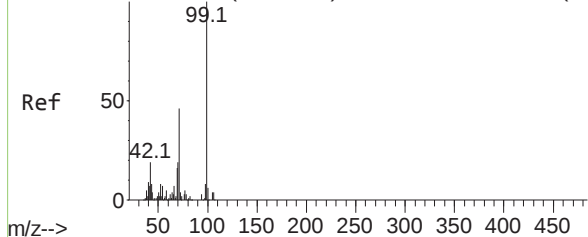


2-Fluorophenol
Concen: 57.02 ng
RT: 5.641 min Scan# 392
Delta R.T. 0.003 min
Lab File: BG048573.D
Acq: 2 Apr 2021 17:57

Tgt Ion:112 Resp: 77284
Ion Ratio Lower Upper
112 100
64 59.0 50.4 75.6
63 34.8 31.4 47.2



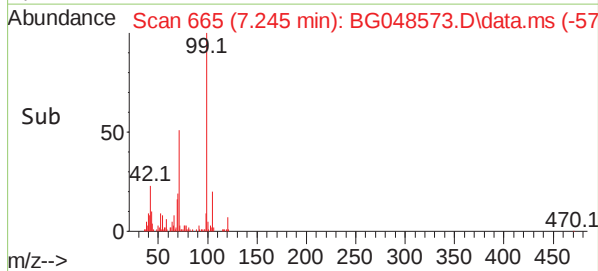
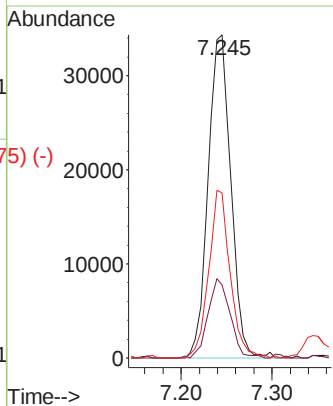
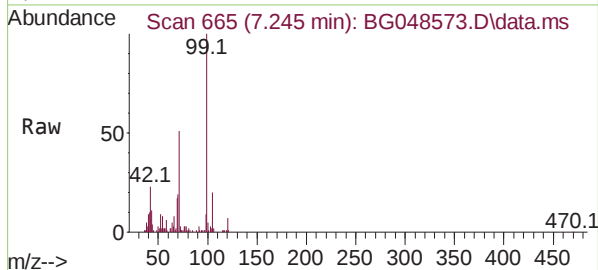
Abundance Scan 665 (7.248 min): BG048516.D\data.ms (-656)#7



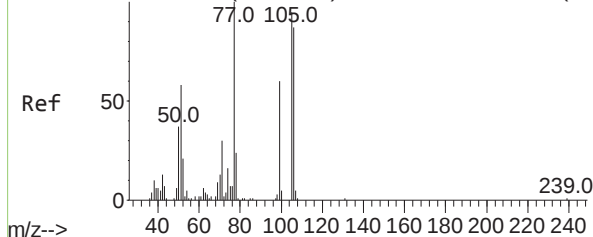
Phenol-d6
Concen: 30.32 ng
RT: 7.245 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG048573.D
Acq: 2 Apr 2021 17:57

Instrument :
BNA_G
ClientSampled :
ASR6

Tgt Ion:	99	Resp:	59603
Ion	Ratio	Lower	Upper
99	100		
42	22.6	15.5	23.3
71	51.1	36.6	54.8

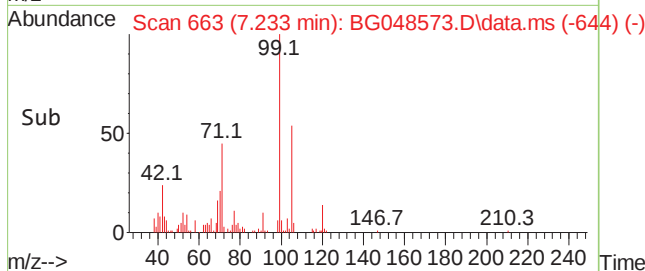
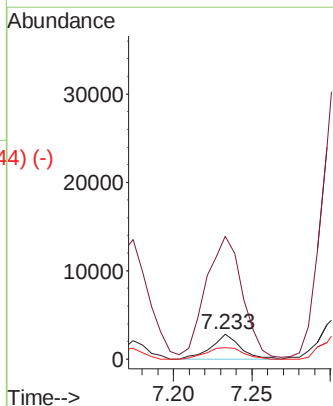
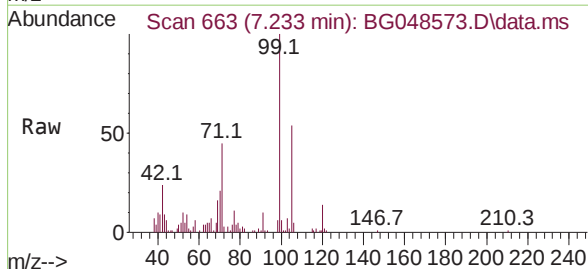


Abundance Scan 661 (7.225 min): BG048516.D\data.ms (-653)#9



Benzaldehyde
Concen: 2.87 ng
RT: 7.233 min Scan# 663
Delta R.T. 0.009 min
Lab File: BG048573.D
Acq: 2 Apr 2021 17:57

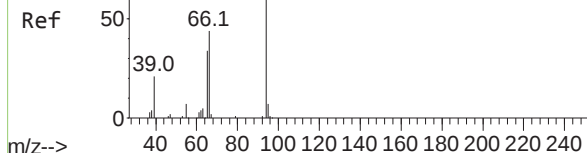
Tgt Ion:	77	Resp:	3609
Ion	Ratio	Lower	Upper
77	100		
105	492.1	75.2	115.2#
106	46.8	66.5	106.5#



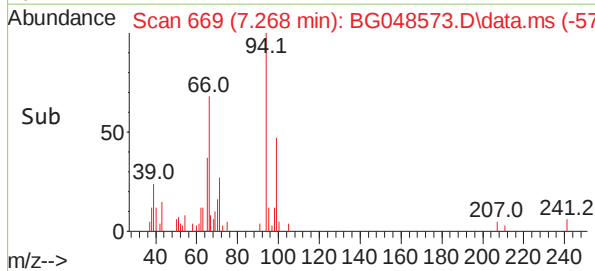
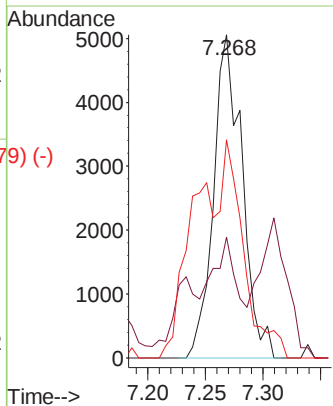
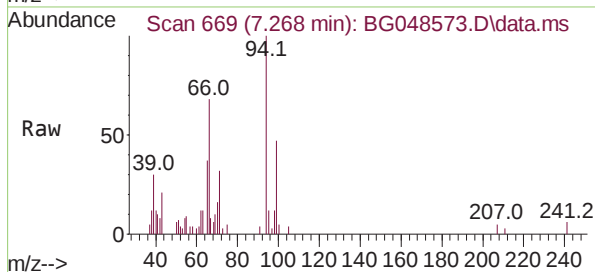
Abundance Scan 669 (7.272 min): BG048516.D\data.ms (-662) #10

Phenol
Concen: 4.42 ng
RT: 7.268 min Scan# 669
Delta R.T. -0.003 min
Lab File: BG048573.D
Acq: 2 Apr 2021 17:57

Instrument :
BNA_G
ClientSampled :
ASR6

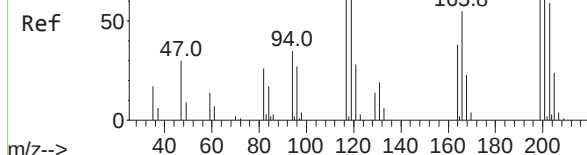


Tgt Ion:	94	Resp:	8697
Ion	Ratio	Lower	Upper
94	100		
65	37.4	15.1	55.1
66	67.6	28.9	68.9

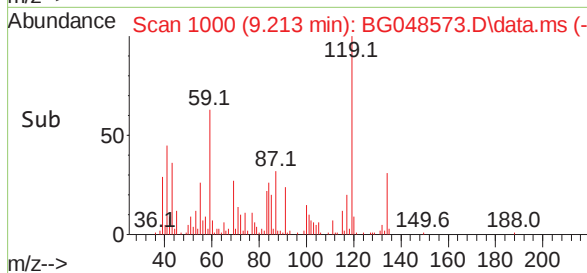
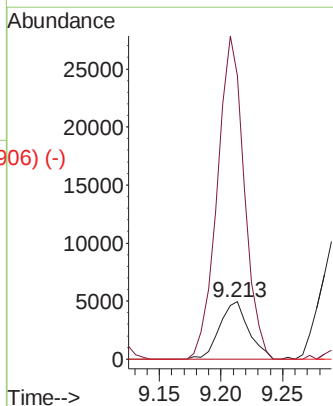
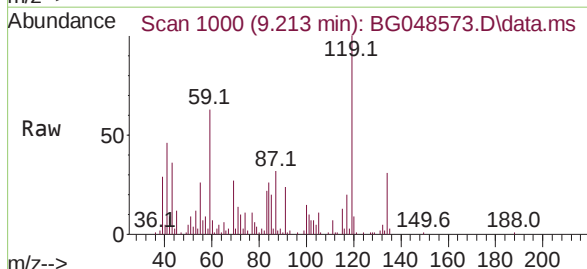


Abundance Scan 996 (9.193 min): BG048516.D\data.ms (-989) #18

Hexachloroethane
Concen: 12.57 ng
RT: 9.213 min Scan# 1000
Delta R.T. 0.021 min
Lab File: BG048573.D
Acq: 2 Apr 2021 17:57



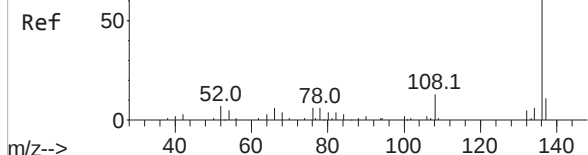
Tgt Ion:	117	Resp:	8126
Ion	Ratio	Lower	Upper
117	100		
119	493.9	67.0	100.6#
201	0.0	79.8	119.6#



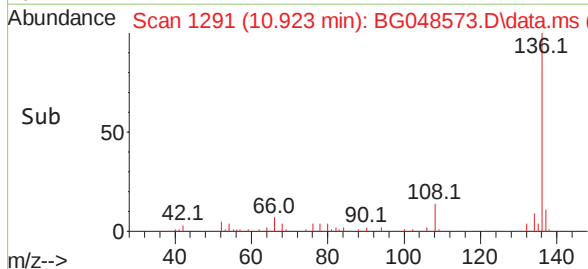
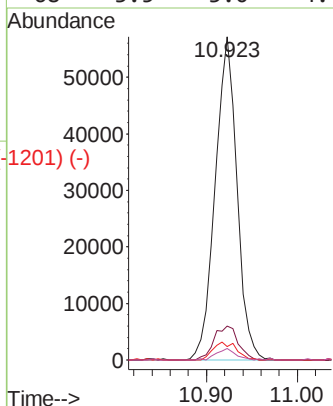
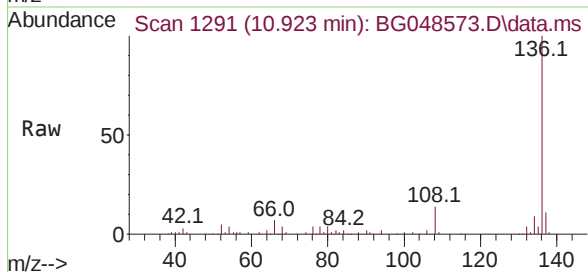
Abundance Scan 1291 (10.926 min): BG048516.D\data.ms (-123) (-)

Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. -0.003 min
Lab File: BG048573.D
Acq: 2 Apr 2021 17:57

Instrument :
BNA_G
ClientSampled :
ASR6



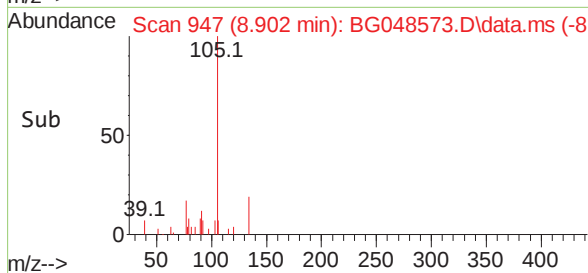
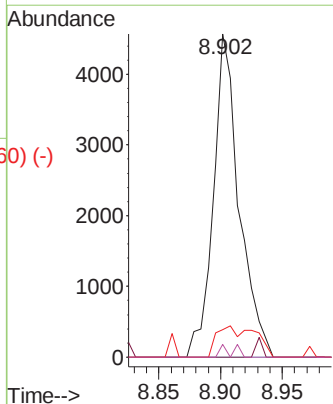
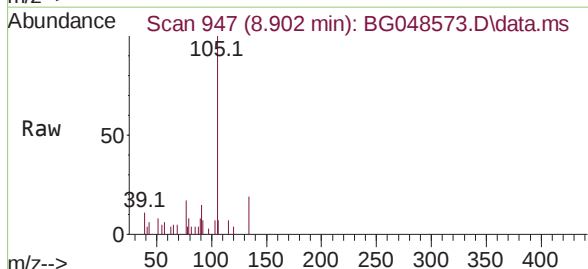
Tgt Ion:	136	Resp:	95060
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	4.2	4.2	6.4#
68	3.5	3.0	4.4



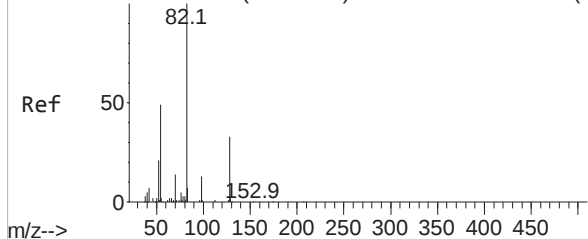
Abundance Scan 950 (8.923 min): BG048516.D\data.ms (-943) (-)

Acetophenone
Concen: 2.70 ng
RT: 8.902 min Scan# 947
Delta R.T. -0.020 min
Lab File: BG048573.D
Acq: 2 Apr 2021 17:57

Tgt Ion:	105	Resp:	6625
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.1	1.7#
51	8.5	26.1	39.1#
120	4.0	17.5	26.3#



Abundance Scan 1008 (9.263 min): BG048516.D\data.ms (-1023-)

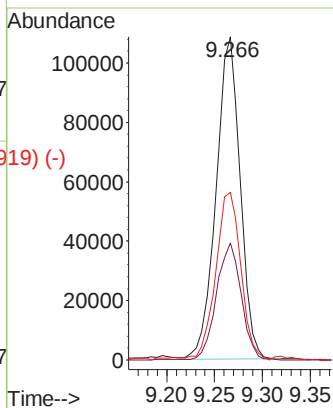
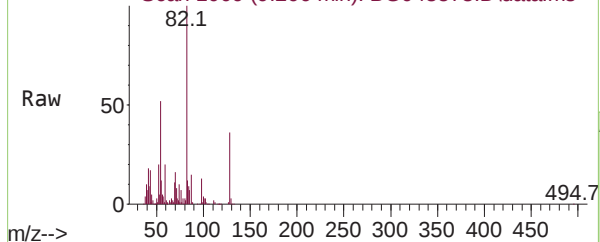


Nitrobenzene-d5
Concen: 96.65 ng
RT: 9.266 min Scan# 1009
Delta R.T. -0.003 min
Lab File: BG048573.D
Acq: 2 Apr 2021 17:57

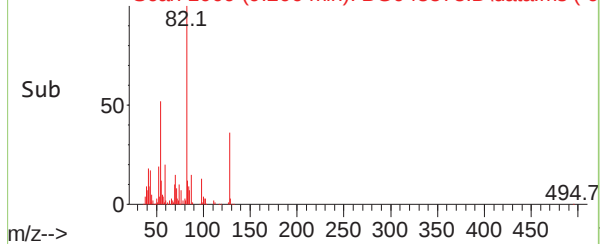
Tgt Ion:	82	Resp:	189757
Ion	Ratio	Lower	Upper
82	100		
128	36.3	26.2	39.4
54	51.9	38.9	58.3

Instrument :
BNA_G
ClientSampled :
ASR6

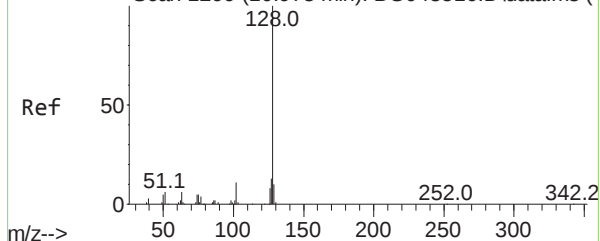
Abundance Scan 1009 (9.266 min): BG048573.D\data.ms



Abundance Scan 1009 (9.266 min): BG048573.D\data.ms (-919-)



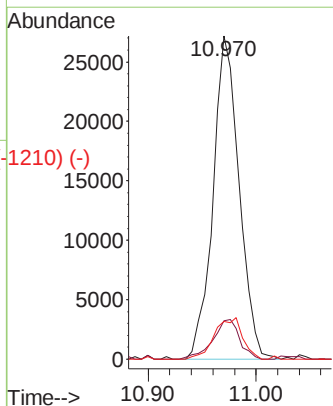
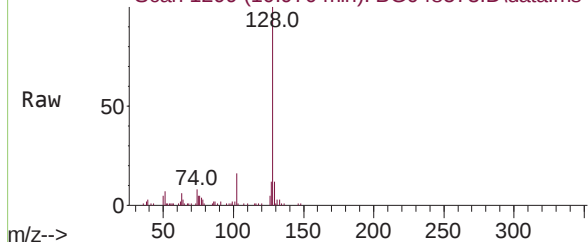
Abundance Scan 1299 (10.973 min): BG048516.D\data.ms (-1231-)



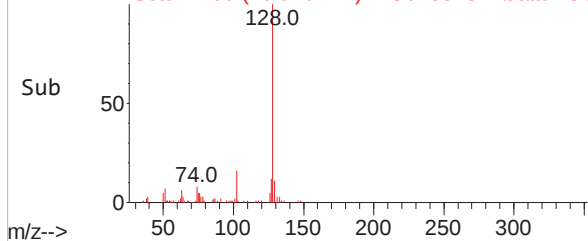
Naphthalene
Concen: 9.42 ng
RT: 10.970 min Scan# 1299
Delta R.T. -0.009 min
Lab File: BG048573.D
Acq: 2 Apr 2021 17:57

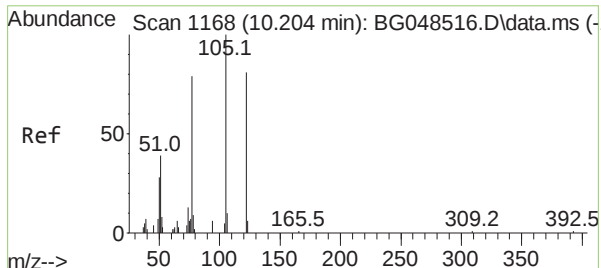
Tgt Ion:	128	Resp:	46021
Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.2	12.2
127	11.6	10.6	16.0

Abundance Scan 1299 (10.970 min): BG048573.D\data.ms



Abundance Scan 1299 (10.970 min): BG048573.D\data.ms (-1210-)

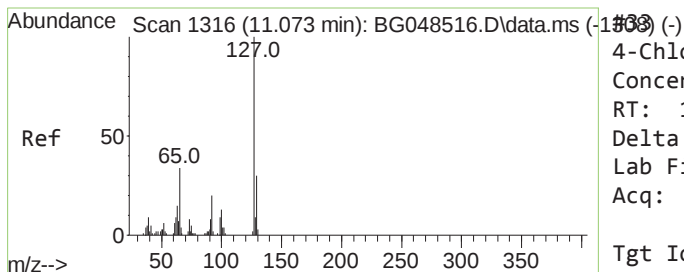
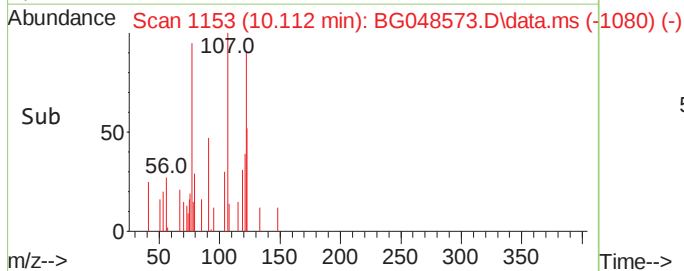
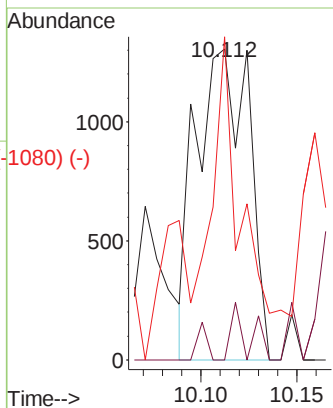
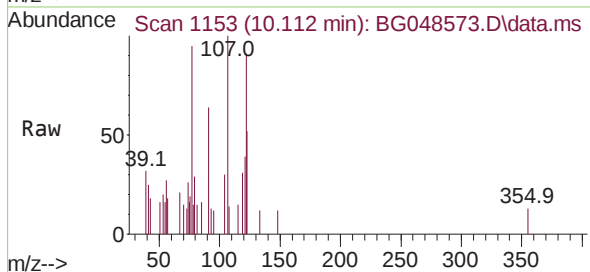




Benzoic acid
 Concen: 2.33 ng
 RT: 10.112 min Scan# 1153
 Delta R.T. -0.103 min
 Lab File: BG048573.D
 Acq: 2 Apr 2021 17:57

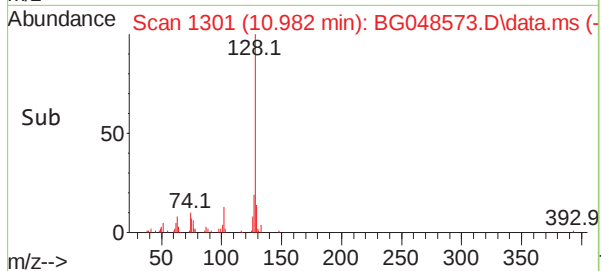
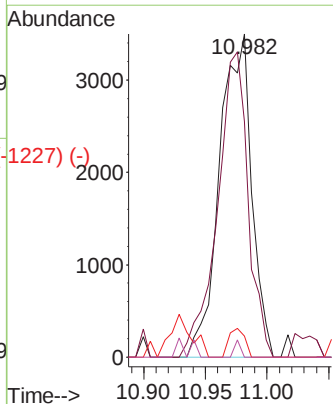
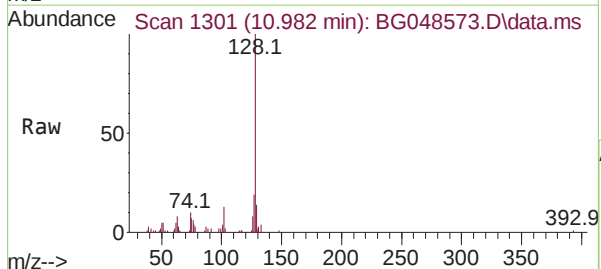
Instrument :
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Tgt Ion:122 Resp: 2495
 Ion Ratio Lower Upper
 122 100
 105 0.0 97.1 137.1#
 77 103.8 76.8 116.8



4-Chloroaniline
 Concen: 3.08 ng
 RT: 10.982 min Scan# 1301
 Delta R.T. -0.097 min
 Lab File: BG048573.D
 Acq: 2 Apr 2021 17:57

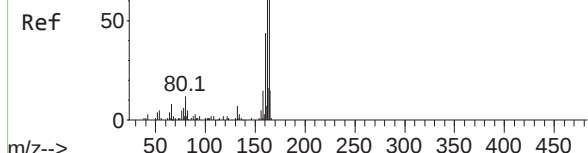
Tgt Ion:127 Resp: 6348
 Ion Ratio Lower Upper
 127 100
 129 72.9 24.3 36.5#
 65 6.6 27.0 40.4#
 92 0.0 16.4 24.6#



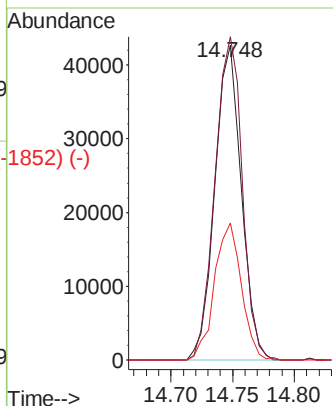
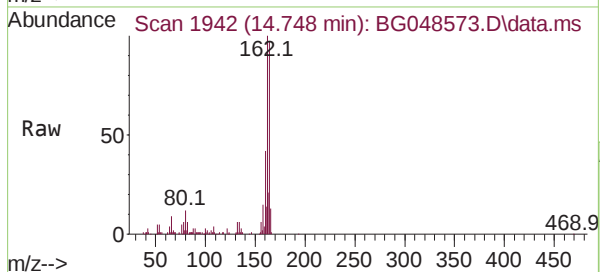
Abundance Scan 1942 (14.751 min): BG048516.D\data.ms (-1839) (-)

Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.003 min
Lab File: BG048573.D
Acq: 2 Apr 2021 17:57

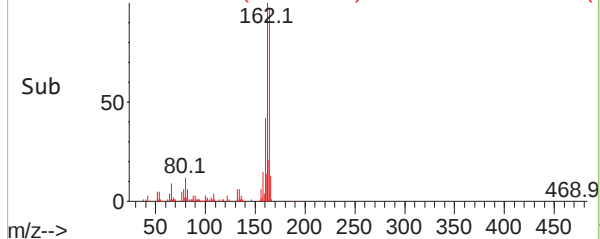
Instrument :
BNA_G
ClientSampled :
ASR6



Tgt Ion:	164	Resp:	63787
Ion	Ratio	Lower	Upper
164	100		
162	102.7	87.0	130.6
160	43.5	38.4	57.6

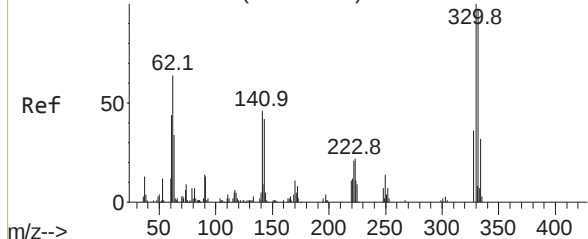


Abundance Scan 1942 (14.748 min): BG048573.D\data.ms (-1852) (-)

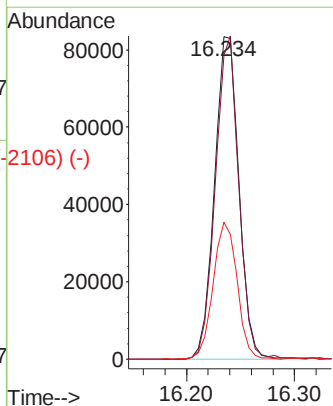
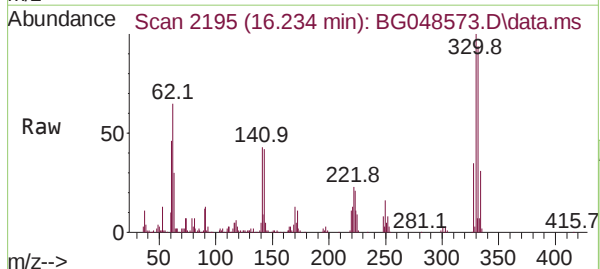


Abundance Scan 2195 (16.238 min): BG048516.D\data.ms (-2149) (-)

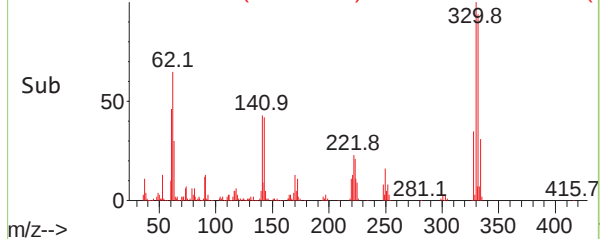
2,4,6-Tribromophenol
Concen: 157.48 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.009 min
Lab File: BG048573.D
Acq: 2 Apr 2021 17:57



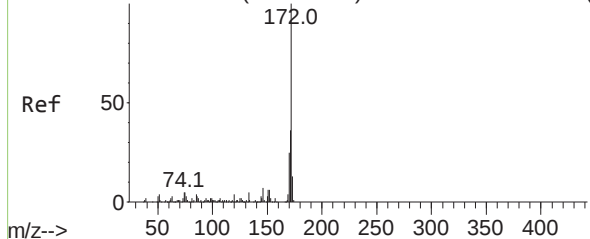
Tgt Ion:	330	Resp:	132046
Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	41.9	34.6	52.0



Abundance Scan 2195 (16.234 min): BG048573.D\data.ms (-2106) (-)



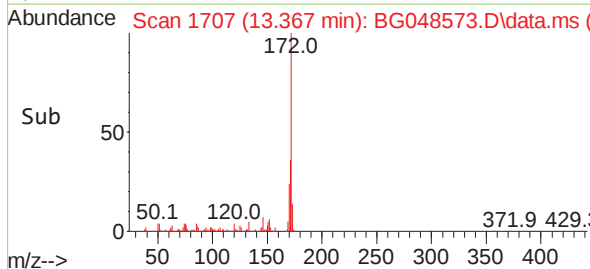
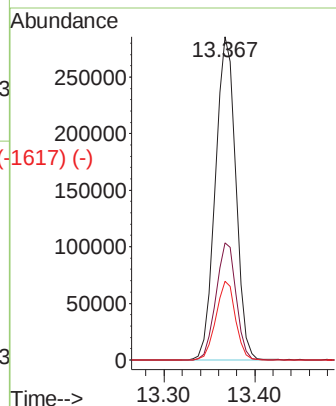
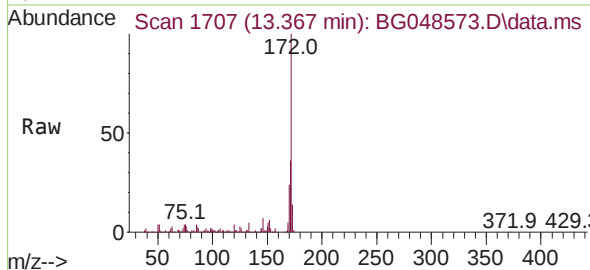
Abundance Scan 1707 (13.370 min): BG048516.D\data.ms (-169) (-)



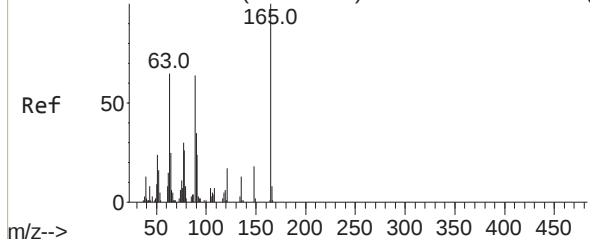
2-Fluorobiphenyl
Concen: 103.44 ng
RT: 13.367 min Scan# 1707
Delta R.T. -0.003 min
Lab File: BG048573.D
Acq: 2 Apr 2021 17:57

Instrument :
BNA_G
ClientSampleId :
ASR6

Tgt Ion:	172	Resp:	443919
Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.5	42.7
170	24.4	19.8	29.6

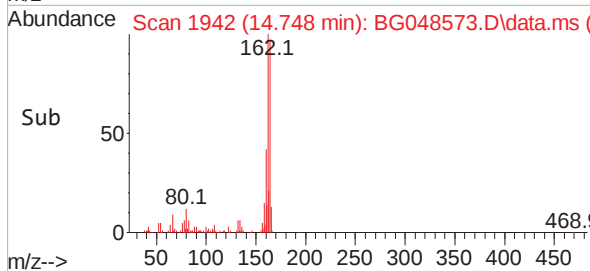
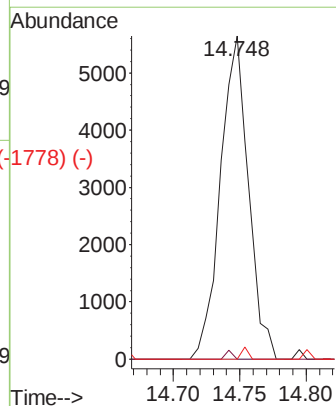
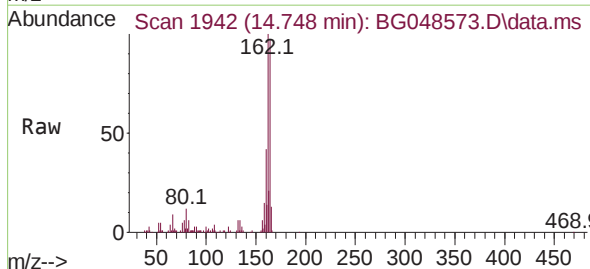


Abundance Scan 1868 (14.316 min): BG048516.D\data.ms (-1651) (-)



2,6-Dinitrotoluene
Concen: 7.60 ng
RT: 14.748 min Scan# 1942
Delta R.T. 0.432 min
Lab File: BG048573.D
Acq: 2 Apr 2021 17:57

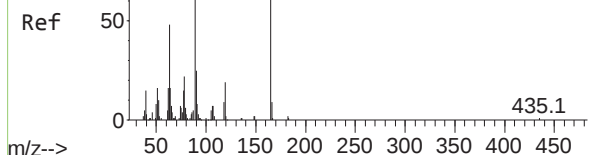
Tgt Ion:	165	Resp:	8233
Ion	Ratio	Lower	Upper
165	100		
63	0.0	53.8	80.6#
89	0.0	50.8	76.2#



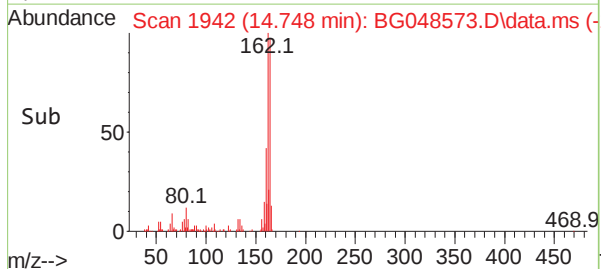
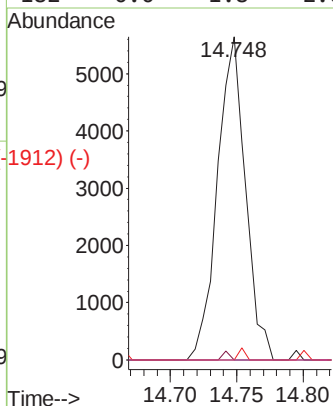
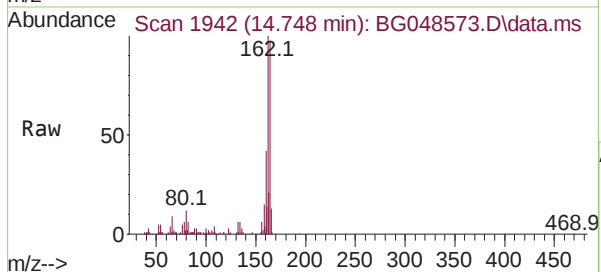
Abundance Scan 2002 (15.104 min): BG048516.D\data.ms (-1957) (-)

2,4-Dinitrotoluene
Concen: 5.37 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.355 min
Lab File: BG048573.D
Acq: 2 Apr 2021 17:57

Instrument :
BNA_G
ClientSampled :
ASR6

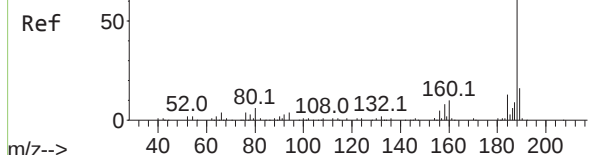


Tgt Ion:	165	Resp:	8233
Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.3	57.5#
89	0.0	56.5	84.7#
182	0.0	1.8	2.6#

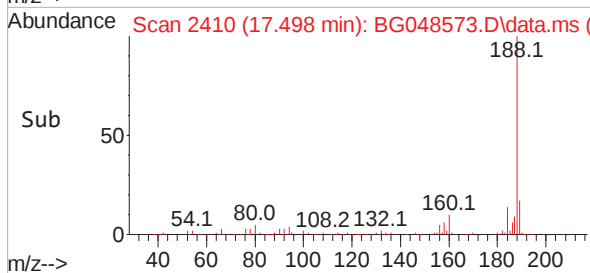
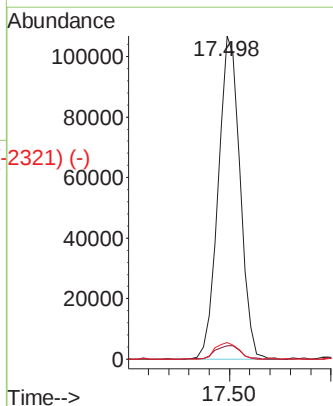
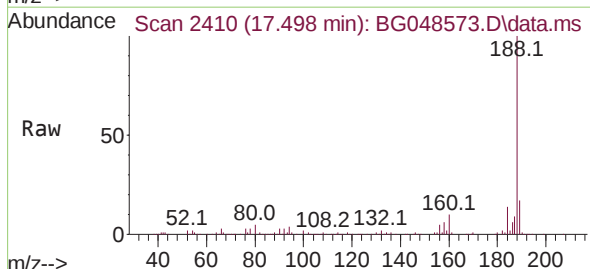


Abundance Scan 2410 (17.501 min): BG048516.D\data.ms (-2464) (-)

Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BG048573.D
Acq: 2 Apr 2021 17:57



Tgt Ion:	188	Resp:	158912
Ion	Ratio	Lower	Upper
188	100		
94	4.2	3.0	4.6
80	5.1	4.5	6.7



Abundance Scan 2271 (16.684 min): BG048516.D\data.ms (-265) (-)

4-Bromophenyl-phenylether
Concen: 5.27 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.455 min
Lab File: BG048573.D
Acq: 2 Apr 2021 17:57

Instrument :
BNA_G
ClientSampled :
ASR6

Ref 50 77.1 141.1 250.0

m/z-->

Tgt Ion:248 Resp: 9280
Ion Ratio Lower Upper
248 100
250 207.5 82.6 124.0#
141 562.4 61.0 91.6#

Abundance Scan 2195 (16.234 min): BG048573.D\data.ms

Raw 50 62.1 140.9 221.8 329.8 281.1 415.7

m/z-->

Abundance

30000

20000

10000

0

16.20 16.25

Time-->

Abundance Scan 2195 (16.234 min): BG048573.D\data.ms (-2182) (-)

Sub 50 62.1 140.9 221.8 329.8 281.1 415.7

m/z-->

Abundance Scan 3142 (21.802 min): BG048516.D\data.ms (-3134) (-)

Chrysene-d12
Concen: 20.00 ng
RT: 21.798 min Scan# 3142
Delta R.T. -0.003 min
Lab File: BG048573.D
Acq: 2 Apr 2021 17:57

Ref 50 39.9 76.1 118.1 158.2 194.2 240.1 280.9

m/z-->

Tgt Ion:240 Resp: 156227
Ion Ratio Lower Upper
240 100
120 3.7 2.6 3.8
236 25.5 19.8 29.6

Abundance Scan 3142 (21.798 min): BG048573.D\data.ms

Raw 50 66.1 120.2 156.1 194.1 240.1 280.9

m/z-->

Abundance

80000

60000

40000

20000

0

21.70 21.80

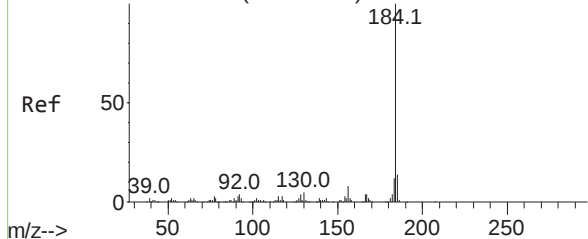
Time-->

Abundance Scan 3142 (21.798 min): BG048573.D\data.ms (-3052) (-)

Sub 50 41.1 76.0 118.0 156.1 194.1 240.1 280.9

m/z-->

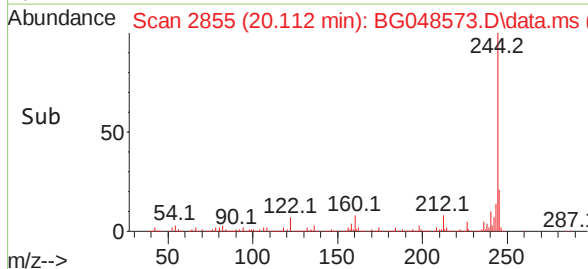
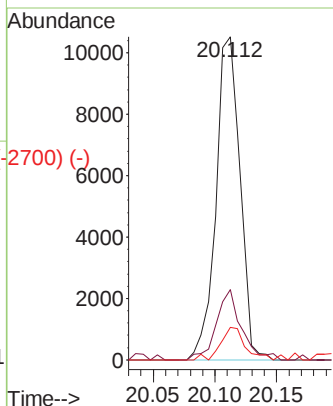
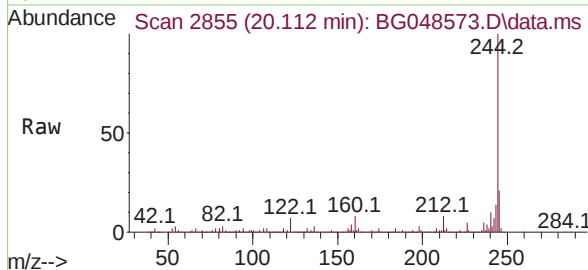
Abundance Scan 2790 (19.734 min): BG048516.D\data.ms (-277) (-)



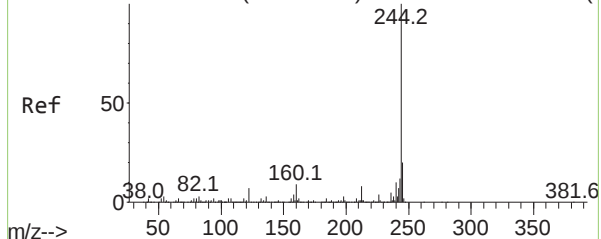
Benzidine
Concen: 2.70 ng
RT: 20.112 min Scan# 2855
Delta R.T. 0.379 min
Lab File: BG048573.D
Acq: 2 Apr 2021 17:57

Instrument :
BNA_G
ClientSampled :
ASR6

Tgt Ion:	184	Resp:	14279
Ion	Ratio	Lower	Upper
184	100		
185	21.7	11.0	16.4#
183	10.0	9.2	13.8

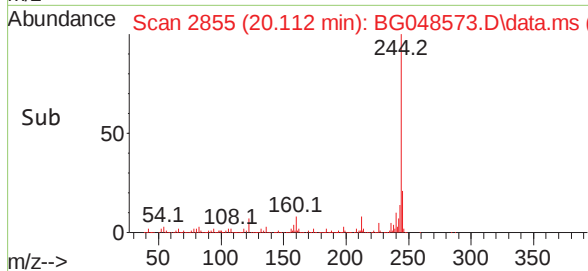
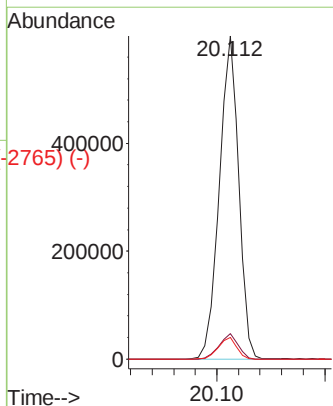
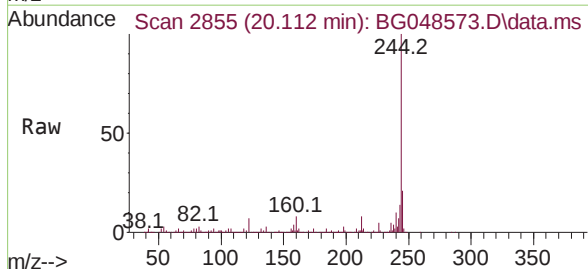


Abundance Scan 2854 (20.110 min): BG048516.D\data.ms (-277) (-)

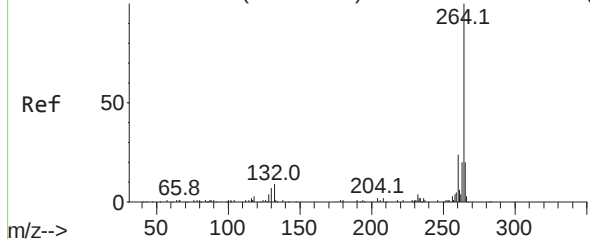


Terphenyl-d14
Concen: 88.45 ng
RT: 20.112 min Scan# 2855
Delta R.T. -0.003 min
Lab File: BG048573.D
Acq: 2 Apr 2021 17:57

Tgt Ion:	244	Resp:	755628
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	6.6	5.8	8.6



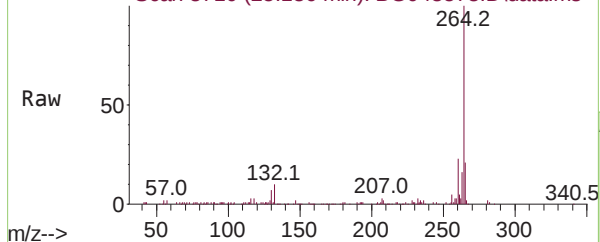
Abundance Scan 3711 (25.145 min): BG048516.D\data.ms (-3622) (-)



Perylene-d12
Concen: 20.00 ng
RT: 25.136 min Scan# 3710
Delta R.T. -0.014 min
Lab File: BG048573.D
Acq: 2 Apr 2021 17:57

Instrument :
BNA_G
ClientSampleId :
ASR6

Abundance Scan 3710 (25.136 min): BG048573.D\data.ms



Tgt Ion:	264	Resp:	156081
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	21.4	16.1	24.1

Abundance Scan 3710 (25.136 min): BG048573.D\data.ms (-3622) (-)

