

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040221\
 Data File : BG048571.D
 Acq On : 2 Apr 2021 16:36
 Operator : CG/JU
 Sample : M1863-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HP-640

Quant Time: Apr 02 17:11:50 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)

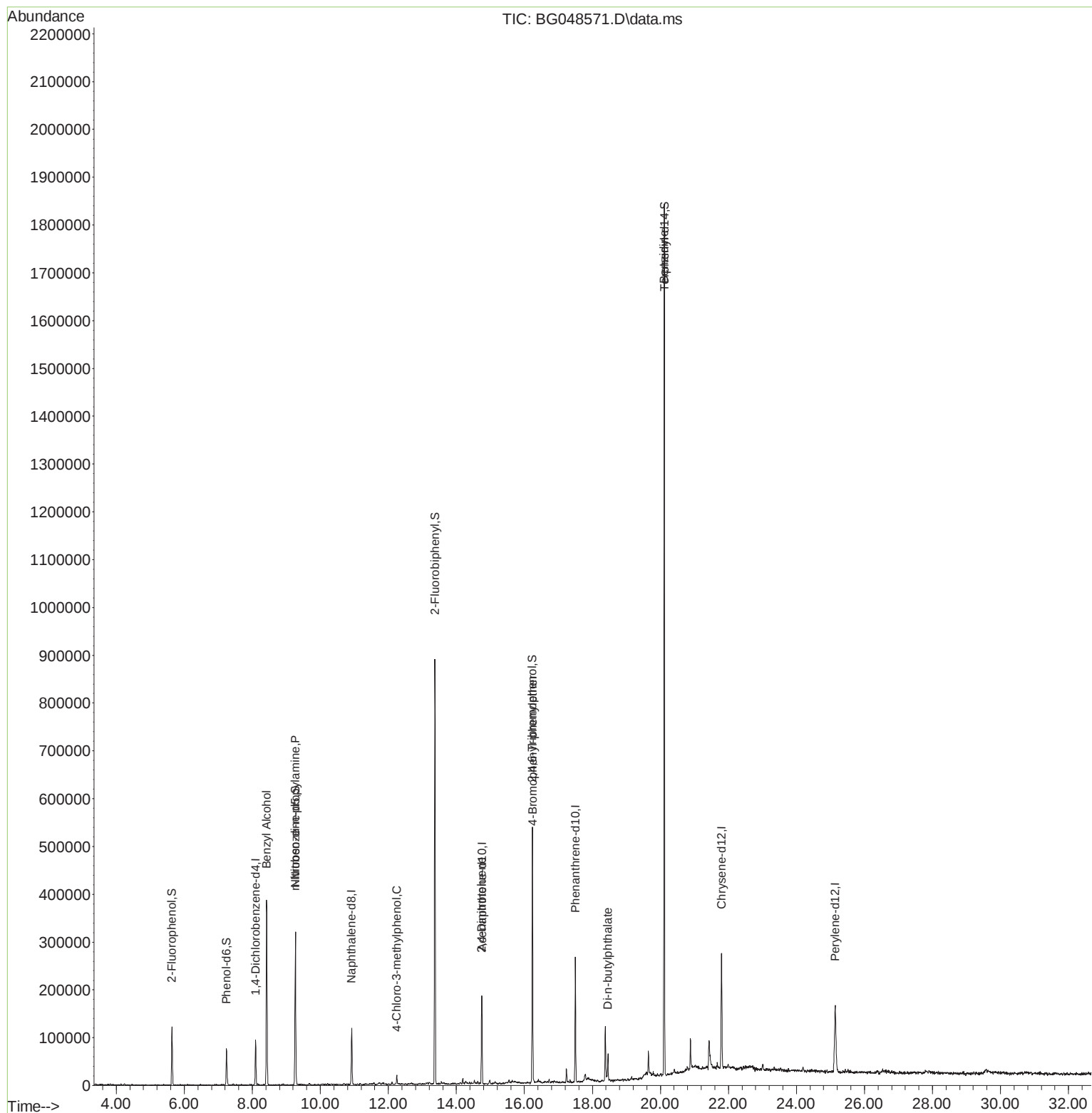
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.098	152	24853	20.00	ng	# 0.00
21) Naphthalene-d8	10.924	136	98098	20.00	ng	0.00
39) Acenaphthene-d10	14.749	164	65494	20.00	ng	0.00
64) Phenanthrene-d10	17.499	188	161135	20.00	ng	# 0.00
76) Chrysene-d12	21.799	240	153177	20.00	ng	# 0.00
86) Perylene-d12	25.143	264	153133	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.636	112	46936	33.34	ng	0.00
7) Phenol-d6	7.240	99	39301	19.25	ng	0.00
23) Nitrobenzene-d5	9.267	82	187830	92.70	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	90141	104.70	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	447460	101.55	ng	0.00
79) Terphenyl-d14	20.113	244	862724	103.00	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.427	79	3662	2.19	ng	# 46
19) n-Nitroso-di-n-propyla...	9.261	70	28912	20.55	ng	# 73
36) 4-Chloro-3-methylphenol	12.246	107	4595	2.51	ng	# 17
57) 2,4-Dinitrotoluene	14.743	165	9293	5.91	ng	# 22
67) 4-Bromophenyl-phenylether	16.241	248	7552	4.23	ng	# 1
74) Di-n-butylphthalate	18.456	149	36420	4.12	ng	98
77) Benzidine	20.107	184	15342	2.96	ng	# 86

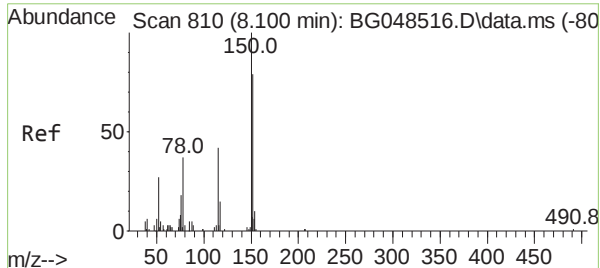
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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HP-640

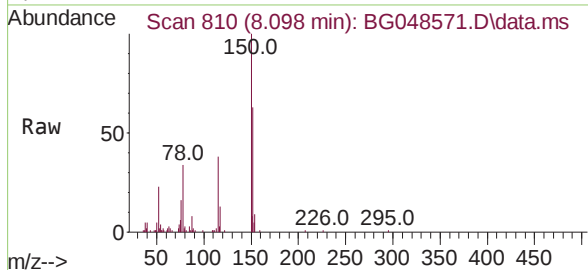
Quant Time: Apr 02 17:11:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



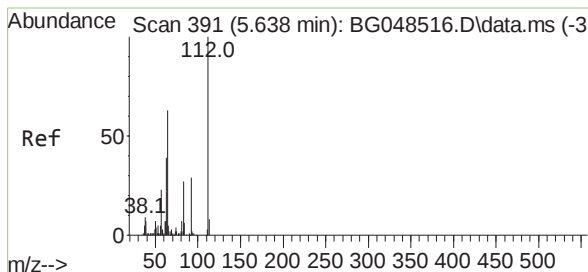
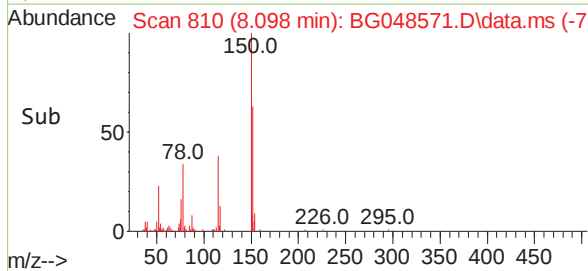
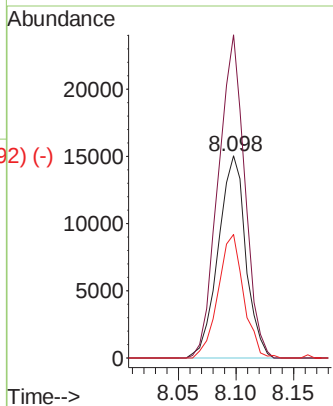


1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.098 min Scan# 810
 Delta R.T. 0.004 min
 Lab File: BG048571.D
 Acq: 2 Apr 2021 16:36

Instrument :
 BNA_G
 ClientSampled :
 HP-640

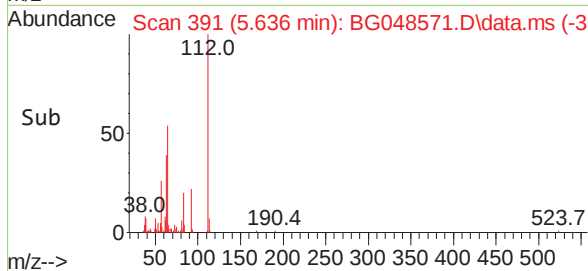
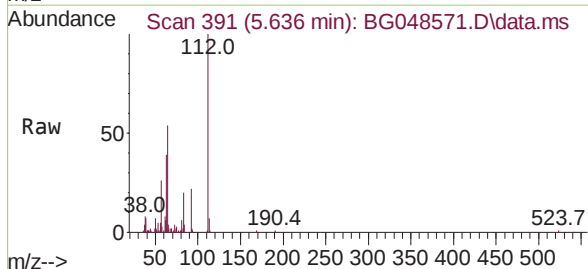
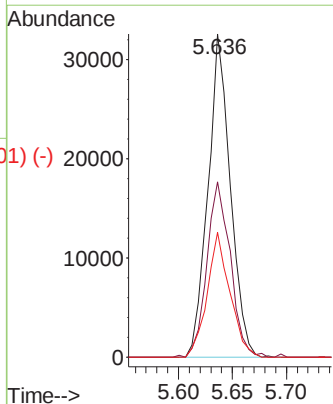


Tgt Ion:	152	Resp:	24853
Ion	Ratio	Lower	Upper
152	100		
150	159.7	101.3	151.9#
115	61.1	42.3	63.5



2-Fluorophenol
 Concen: 33.34 ng
 RT: 5.636 min Scan# 391
 Delta R.T. -0.002 min
 Lab File: BG048571.D
 Acq: 2 Apr 2021 16:36

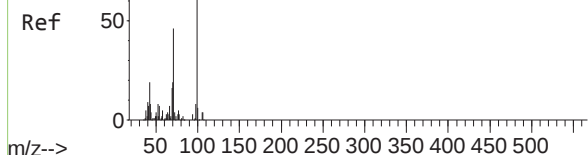
Tgt Ion:	112	Resp:	46936
Ion	Ratio	Lower	Upper
112	100		
64	54.3	50.4	75.6
63	38.6	31.4	47.2



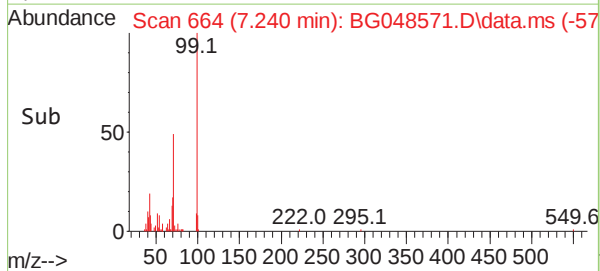
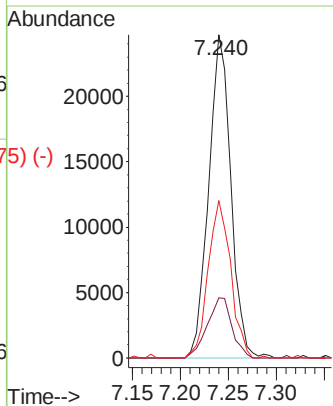
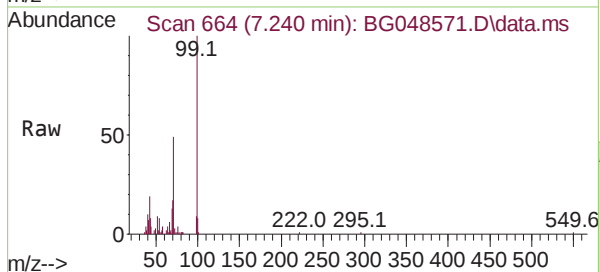
Abundance Scan 665 (7.248 min): BG048516.D\data.ms (-656) #7

Phenol-d6
Concen: 19.25 ng
RT: 7.240 min Scan# 664
Delta R.T. -0.008 min
Lab File: BG048571.D
Acq: 2 Apr 2021 16:36

Instrument :
BNA_G
ClientSampled :
HP-640

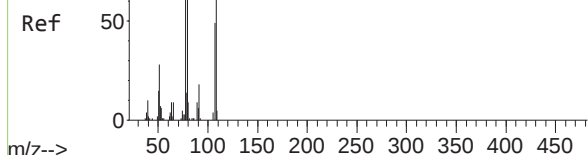


Tgt Ion:	99	Resp:	39301
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.5	23.3
71	48.6	36.6	54.8

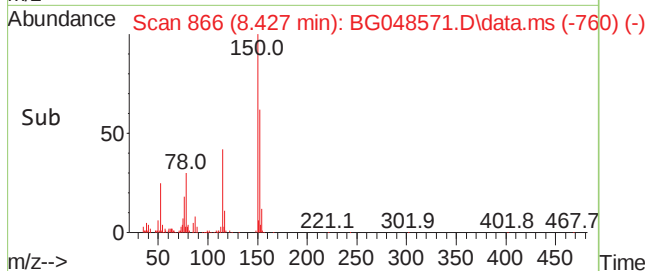
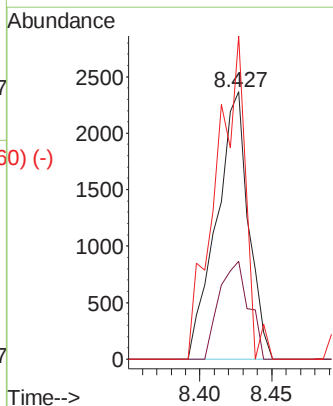
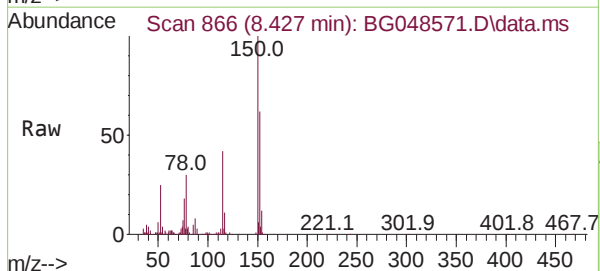


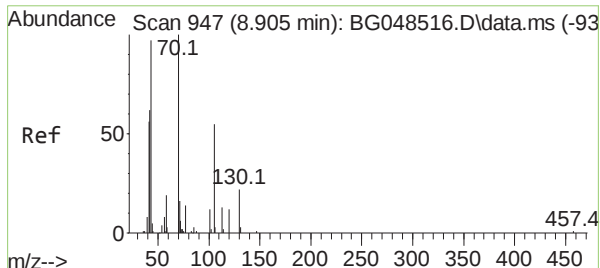
Abundance Scan 850 (8.335 min): BG048516.D\data.ms (-842) #15

Benzyl Alcohol
Concen: 2.19 ng
RT: 8.427 min Scan# 866
Delta R.T. 0.092 min
Lab File: BG048571.D
Acq: 2 Apr 2021 16:36



Tgt Ion:	79	Resp:	3662
Ion	Ratio	Lower	Upper
79	100		
108	36.7	54.1	81.1#
77	120.9	52.6	79.0#

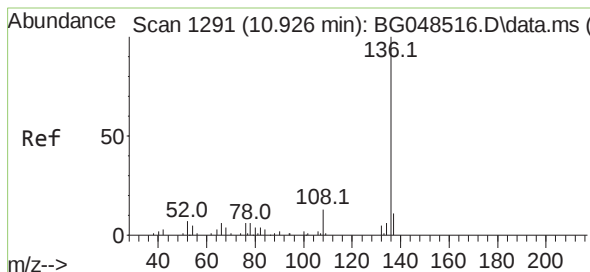
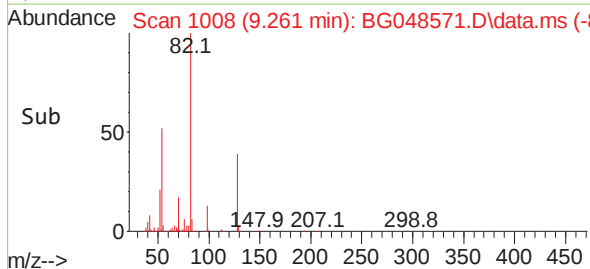
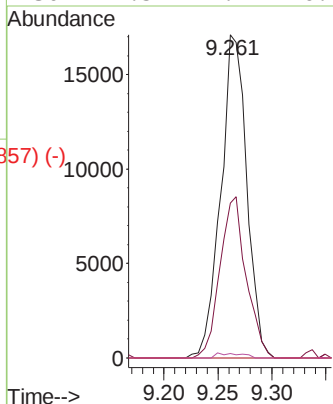
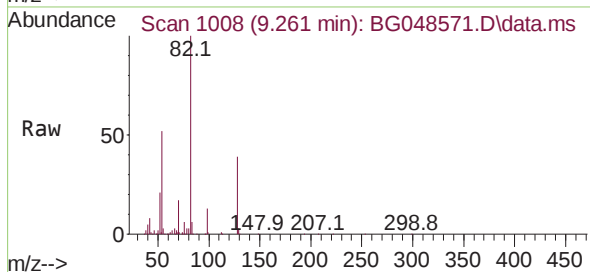




n-Nitroso-di-n-propylamine
 Concen: 20.55 ng
 RT: 9.261 min Scan# 1008
 Delta R.T. 0.357 min
 Lab File: BG048571.D
 Acq: 2 Apr 2021 16:36

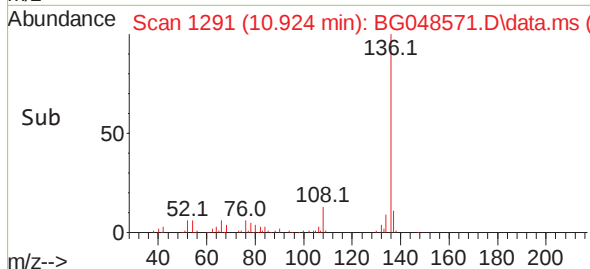
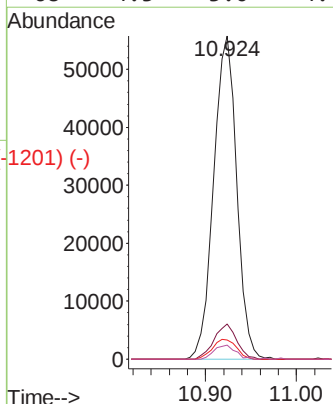
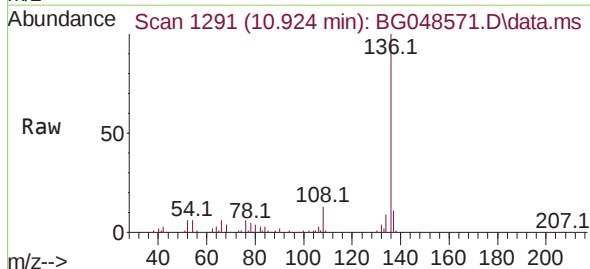
Instrument :
 BNA_G
 ClientSampled :
 HP-640

Tgt Ion:	70	Resp:	28912
Ion	Ratio	Lower	Upper
70	100		
42	47.8	50.8	76.2#
101	0.0	9.7	14.5#
130	1.5	17.4	26.0#

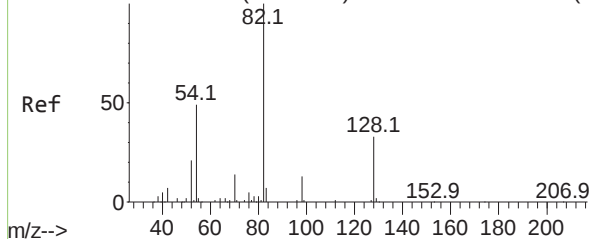


Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.924 min Scan# 1291
 Delta R.T. -0.002 min
 Lab File: BG048571.D
 Acq: 2 Apr 2021 16:36

Tgt Ion:	136	Resp:	98098
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	6.0	4.2	6.4
68	4.3	3.0	4.4



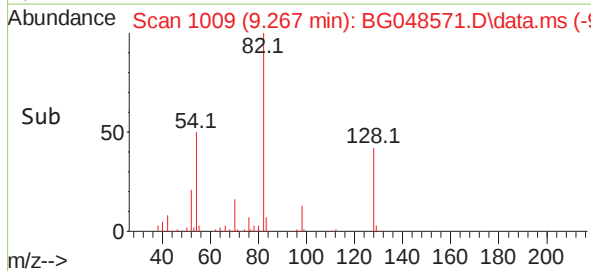
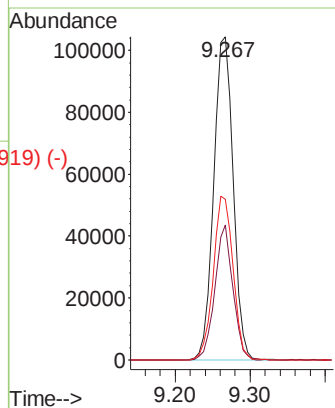
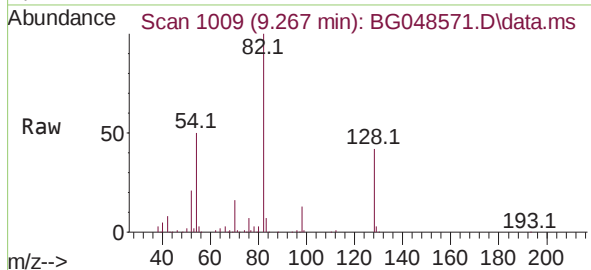
Abundance Scan 1008 (9.263 min): BG048516.D\data.ms (-1023-)



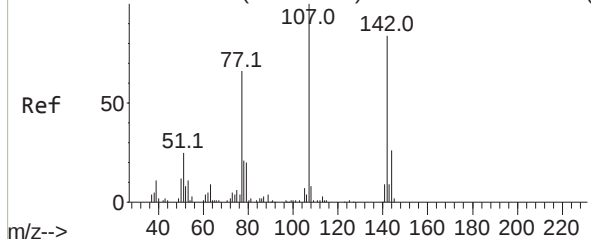
Nitrobenzene-d5
Concen: 92.70 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.002 min
Lab File: BG048571.D
Acq: 2 Apr 2021 16:36

Instrument :
BNA_G
ClientSampled :
HP-640

Tgt Ion:	82	Resp:	187830
Ion	Ratio	Lower	Upper
82	100		
128	41.9	26.2	39.4#
54	49.8	38.9	58.3

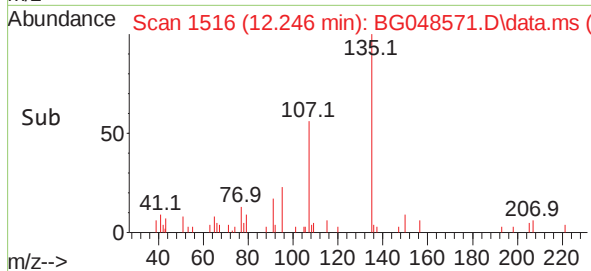
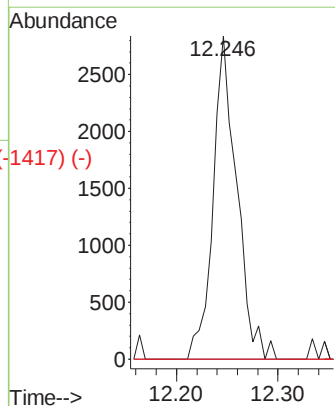
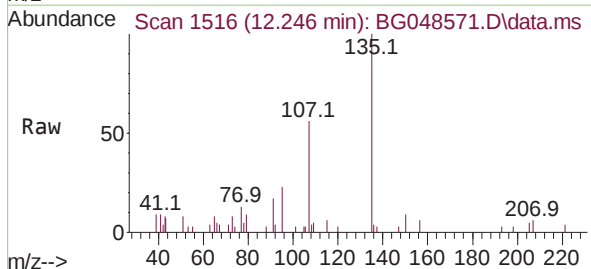


Abundance Scan 1507 (12.195 min): BG048516.D\data.ms (-1436) (-)



4-Chloro-3-methylphenol
Concen: 2.51 ng
RT: 12.246 min Scan# 1516
Delta R.T. 0.051 min
Lab File: BG048571.D
Acq: 2 Apr 2021 16:36

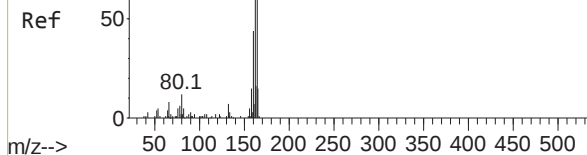
Tgt Ion:	107	Resp:	4595
Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.6	31.0#
142	0.0	67.0	100.6#



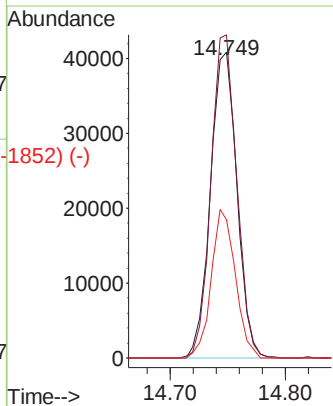
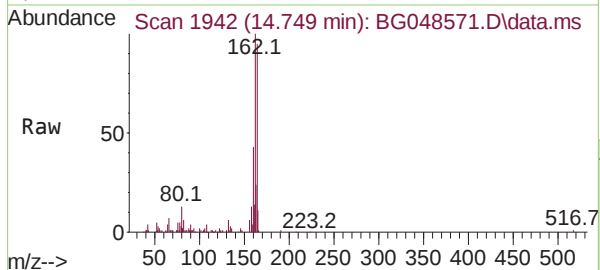
Abundance Scan 1942 (14.751 min): BG048516.D\data.ms (-1839) (-)

Acenaphthene-d10
Concen: 20.00 ng
RT: 14.749 min Scan# 1942
Delta R.T. -0.002 min
Lab File: BG048571.D
Acq: 2 Apr 2021 16:36

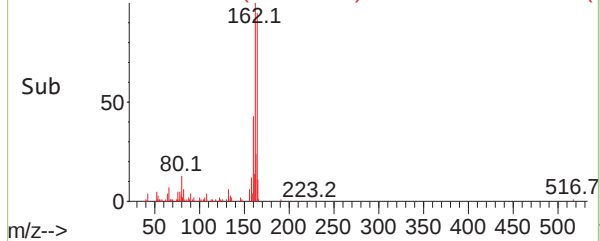
Instrument :
BNA_G
ClientSampleId :
HP-640



Tgt Ion:	164	Resp:	65494
Ion	Ratio	Lower	Upper
164	100		
162	105.5	87.0	130.6
160	45.2	38.4	57.6



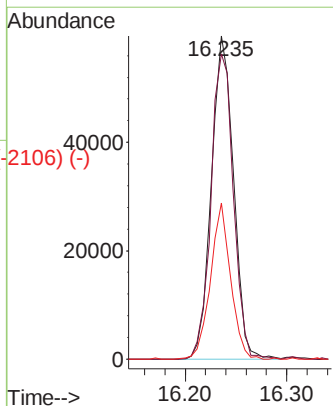
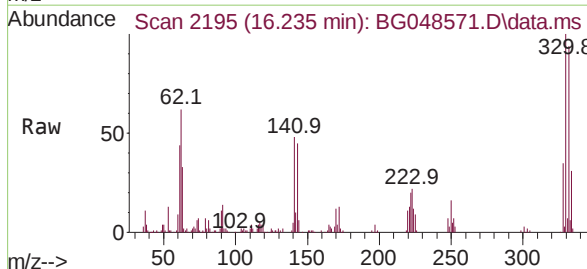
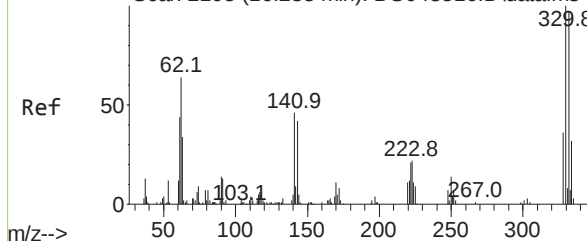
Abundance Scan 1942 (14.749 min): BG048571.D\data.ms (-1852) (-)



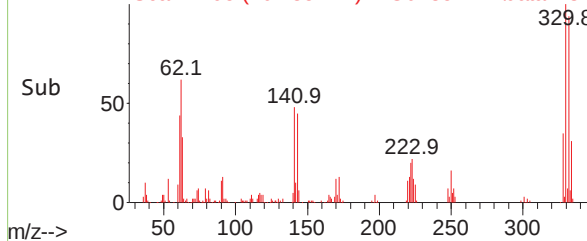
Abundance Scan 2195 (16.238 min): BG048516.D\data.ms (-2149) (-)

2,4,6-Tribromophenol
Concen: 104.70 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.008 min
Lab File: BG048571.D
Acq: 2 Apr 2021 16:36

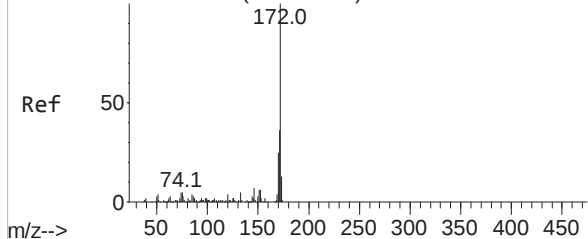
Tgt Ion:	330	Resp:	90141
Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.6	116.4
141	43.7	34.6	52.0



Abundance Scan 2195 (16.235 min): BG048571.D\data.ms (-2106) (-)



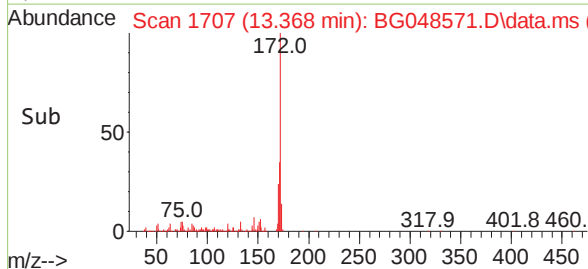
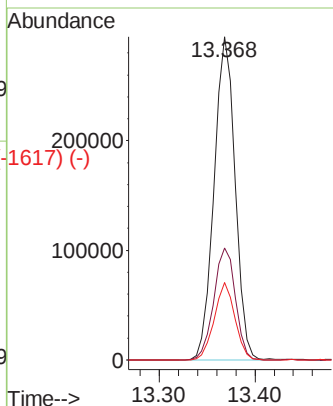
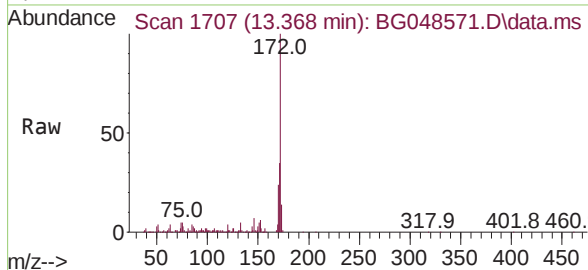
Abundance Scan 1707 (13.370 min): BG048516.D\data.ms (-1695) (-)



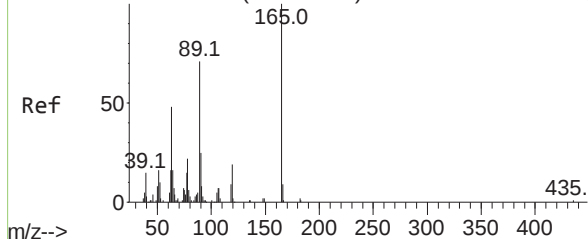
2-Fluorobiphenyl
Concen: 101.55 ng
RT: 13.368 min Scan# 1707
Delta R.T. -0.002 min
Lab File: BG048571.D
Acq: 2 Apr 2021 16:36

Instrument :
BNA_G
ClientSampleId :
HP-640

Tgt Ion:	172	Resp:	447460
Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.9	19.8	29.6

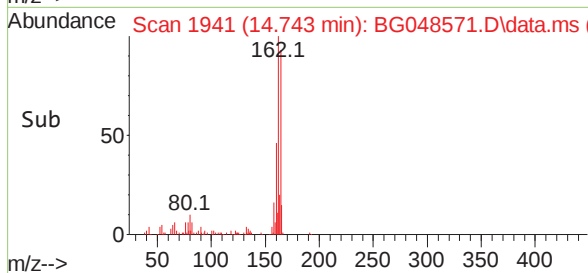
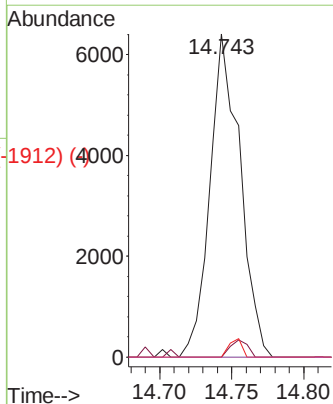
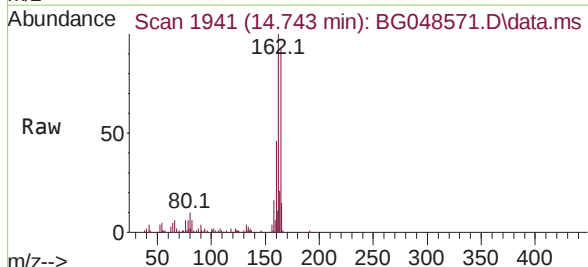


Abundance Scan 2002 (15.104 min): BG048516.D\data.ms (-1955) (-)



2,4-Dinitrotoluene
Concen: 5.91 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.360 min
Lab File: BG048571.D
Acq: 2 Apr 2021 16:36

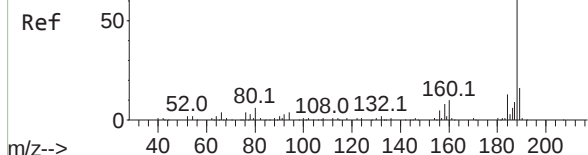
Tgt Ion:	165	Resp:	9293
Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.3	57.5#
89	0.0	56.5	84.7#
182	0.0	1.8	2.6#



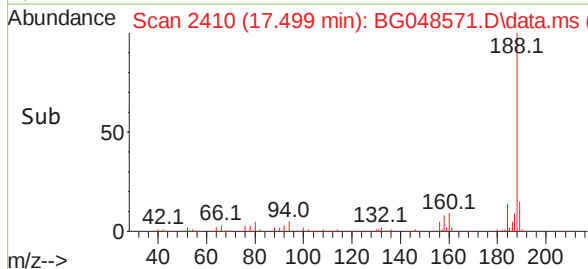
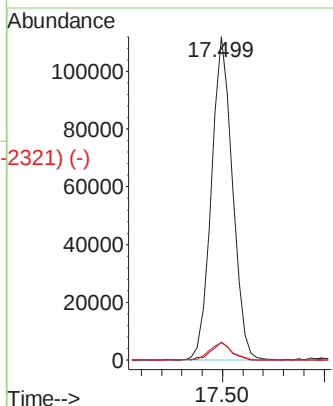
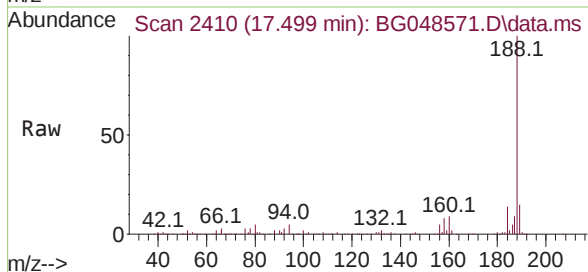
Abundance Scan 2410 (17.501 min): BG048516.D\data.ms (-2464) (-)

Phenanthrene-d10
Concen: 20.00 ng
RT: 17.499 min Scan# 2410
Delta R.T. -0.008 min
Lab File: BG048571.D
Acq: 2 Apr 2021 16:36

Instrument :
BNA_G
ClientSampleId :
HP-640

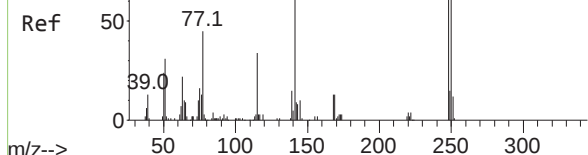


Tgt Ion:	188	Resp:	161135
Ion	Ratio	Lower	Upper
188	100		
94	5.5	3.0	4.6#
80	5.3	4.5	6.7

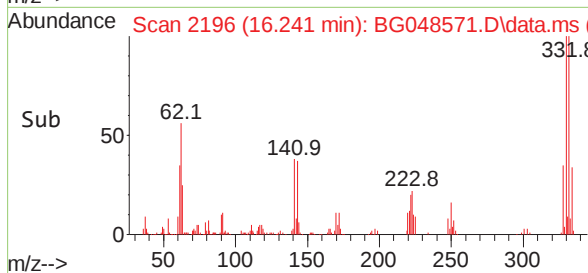
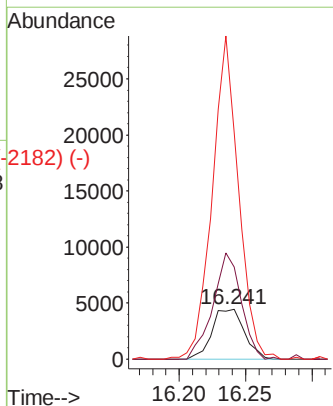
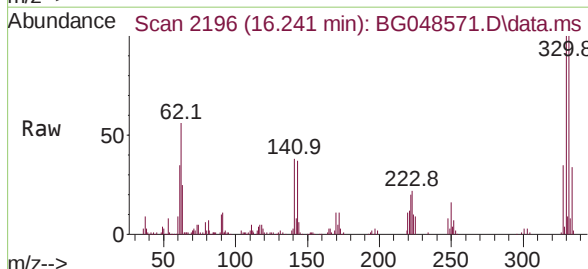


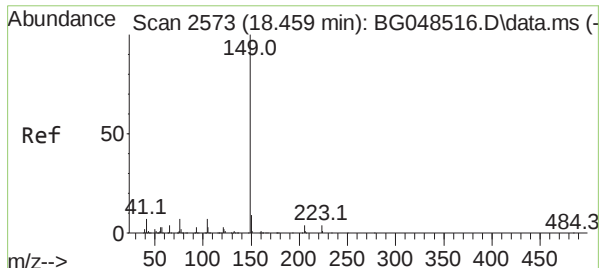
Abundance Scan 2271 (16.684 min): BG048516.D\data.ms (-2465) (-)

4-Bromophenyl-phenylether
Concen: 4.23 ng
RT: 16.241 min Scan# 2196
Delta R.T. -0.448 min
Lab File: BG048571.D
Acq: 2 Apr 2021 16:36



Tgt Ion:	248	Resp:	7552
Ion	Ratio	Lower	Upper
248	100		
250	183.7	82.6	124.0#
141	452.2	61.0	91.6#

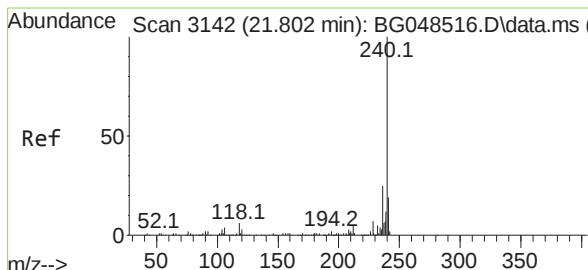
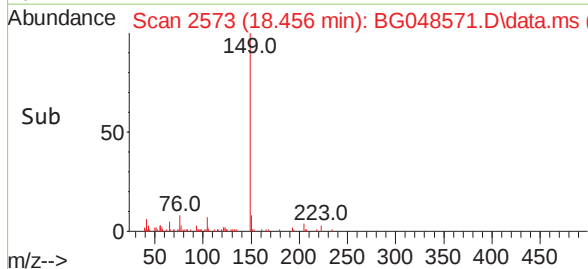
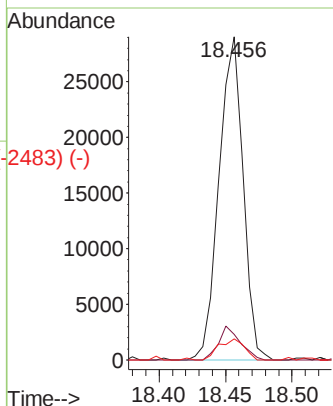
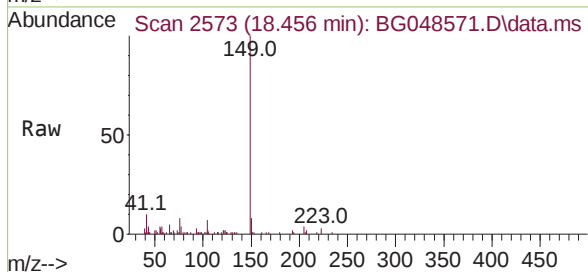




Scan 2573 (18.459 min): BG048516.D\data.ms (-2573) (-)
 Di-n-butylphthalate
 Concen: 4.12 ng
 RT: 18.456 min Scan# 2573
 Delta R.T. -0.002 min
 Lab File: BG048571.D
 Acq: 2 Apr 2021 16:36

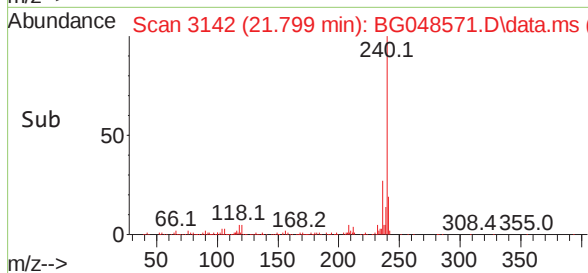
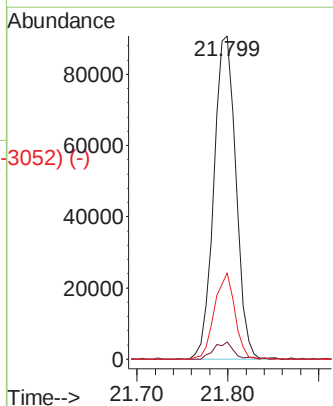
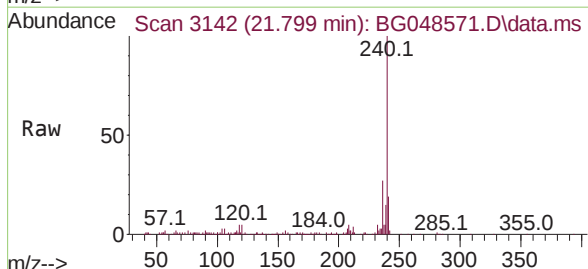
Instrument :
 BNA_G
 ClientSampleId :
 HP-640

Tgt Ion:	149	Resp:	36420
Ion	Ratio	Lower	Upper
149	100		
150	7.9	7.0	10.4
104	6.6	5.9	8.9

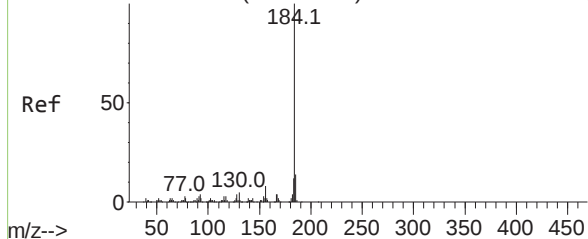


Scan 3142 (21.802 min): BG048516.D\data.ms (-3142) (-)
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.799 min Scan# 3142
 Delta R.T. -0.002 min
 Lab File: BG048571.D
 Acq: 2 Apr 2021 16:36

Tgt Ion:	240	Resp:	153177
Ion	Ratio	Lower	Upper
240	100		
120	5.2	2.6	3.8#
236	26.8	19.8	29.6



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

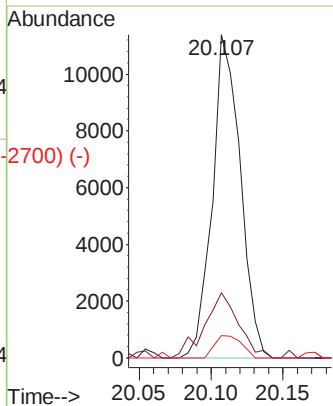
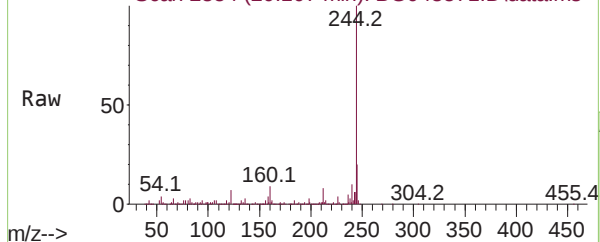


Benzidine
Concen: 2.96 ng
RT: 20.107 min Scan# 2854
Delta R.T. 0.374 min
Lab File: BG048571.D
Acq: 2 Apr 2021 16:36

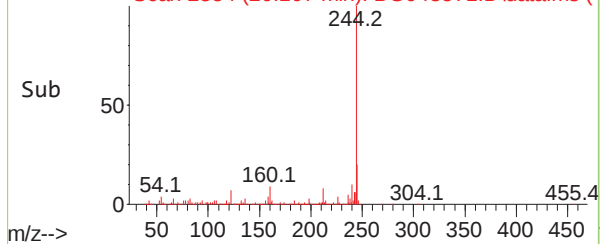
Instrument :
BNA_G
ClientSampleId :
HP-640

Tgt Ion:184 Resp: 15342
Ion Ratio Lower Upper
184 100
185 20.3 11.0 16.4#
183 7.0 9.2 13.8#

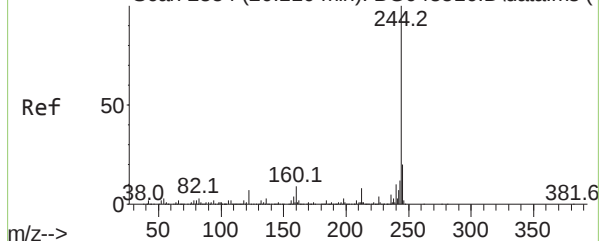
Abundance Scan 2854 (20.107 min): BG048571.D\data.ms



Abundance Scan 2854 (20.107 min): BG048571.D\data.ms (-2700) (-)



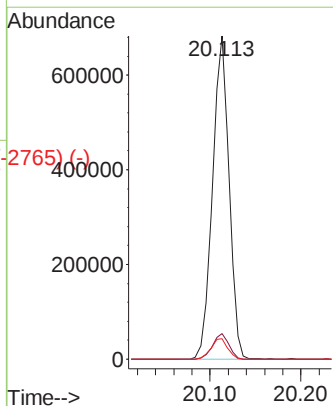
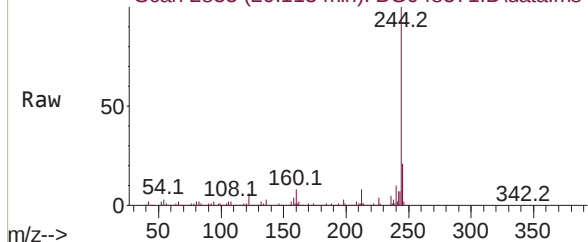
Abundance Scan 2854 (20.110 min): BG048516.D\data.ms (-277) (-)



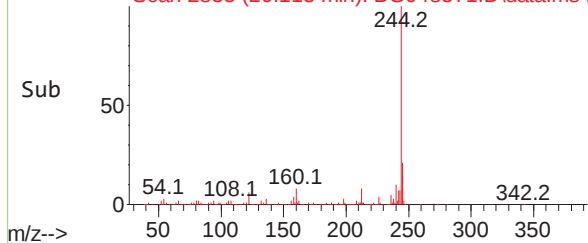
Terphenyl-d14
Concen: 103.00 ng
RT: 20.113 min Scan# 2855
Delta R.T. -0.002 min
Lab File: BG048571.D
Acq: 2 Apr 2021 16:36

Tgt Ion:244 Resp: 862724
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 6.2 5.8 8.6

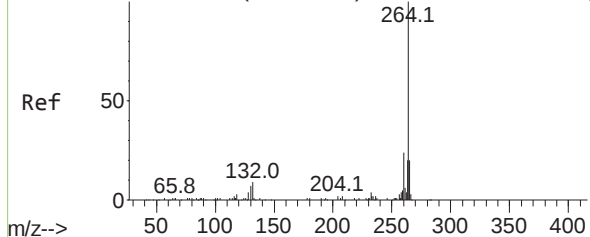
Abundance Scan 2855 (20.113 min): BG048571.D\data.ms



Abundance Scan 2855 (20.113 min): BG048571.D\data.ms (-2765) (-)



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



Perylene-d12
Concen: 20.00 ng
RT: 25.143 min Scan# 3711
Delta R.T. -0.008 min
Lab File: BG048571.D
Acq: 2 Apr 2021 16:36

Instrument :
BNA_G
ClientSampleId :
HP-640

Tgt Ion:	264	Resp:	153133
Ion	Ratio	Lower	Upper
264	100		
260	21.6	19.1	28.7
265	21.6	16.1	24.1

