

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040221\
 Data File : BG048576.D
 Acq On : 2 Apr 2021 19:58
 Operator : CG/JU
 Sample : M1883-01DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IEC-R2DL

Quant Time: Apr 02 23:58:50 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)

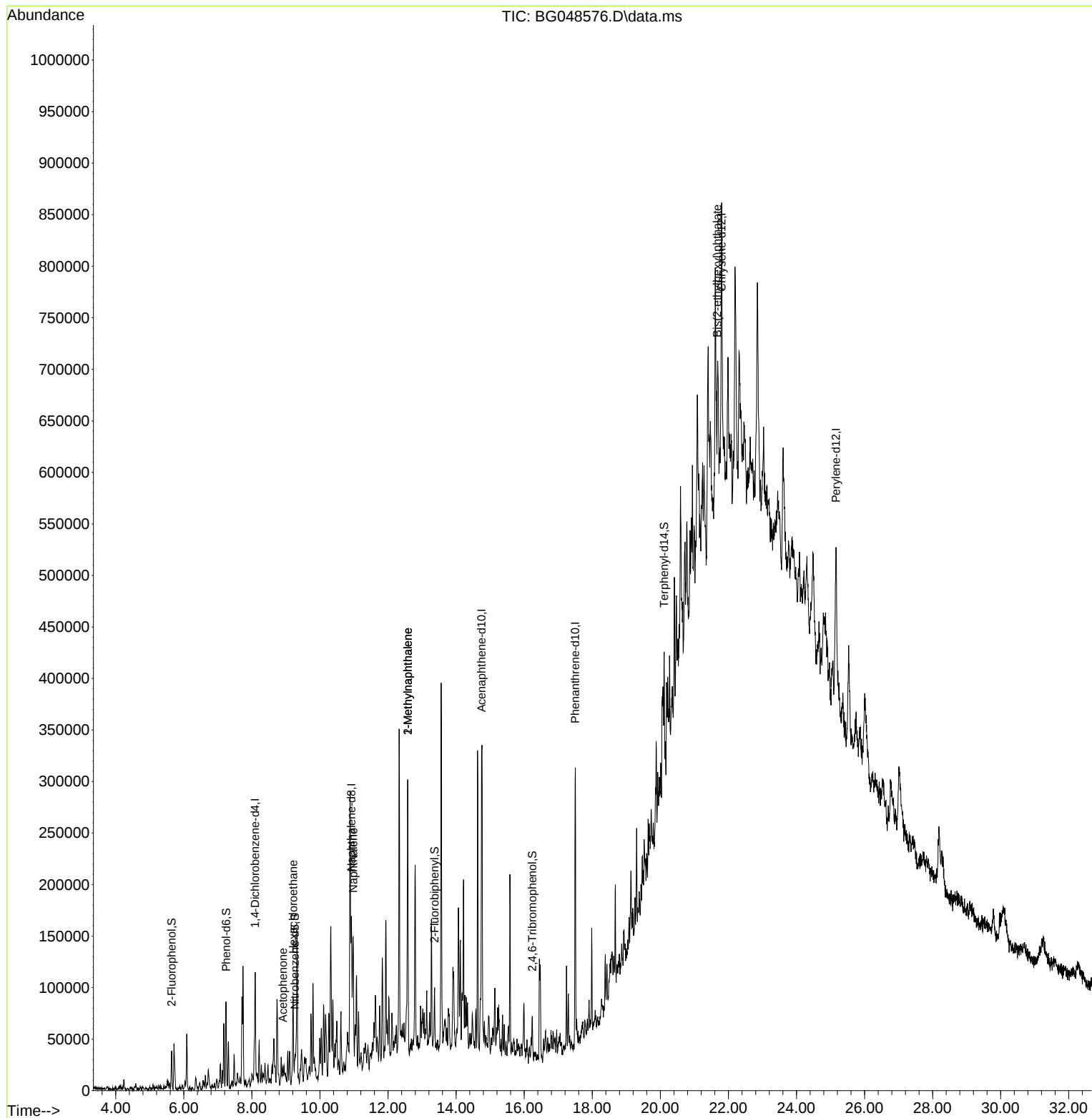
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.096	152	30071	20.00	ng	# 0.00
21) Naphthalene-d8	10.922	136	118897	20.00	ng	0.00
39) Acenaphthene-d10	14.747	164	77018	20.00	ng	0.00
64) Phenanthrene-d10	17.503	188	175992	20.00	ng	# 0.00
76) Chrysene-d12	21.798	240	155147	20.00	ng	# 0.00
86) Perylene-d12	25.159	264	157567	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	11511	6.76	ng	0.00
7) Phenol-d6	7.244	99	17169	6.95	ng	0.00
23) Nitrobenzene-d5	9.266	82	14143	5.76	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	6857	6.77	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	27170	5.24	ng	0.00
79) Terphenyl-d14	20.112	244	39848	4.70	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.213	117	7379	9.08	ng	# 1
22) Acetophenone	8.907	105	10528	3.43	ng	# 58
31) Naphthalene	10.975	128	64120	10.49	ng	95
37) 2-Methylnaphthalene	12.579	142	126985	26.09	ng	96
38) 1-Methylnaphthalene	12.579	142	126985	27.36	ng	98
84) Bis(2-ethylhexyl)phtha...	21.675	149	12569	2.28	ng	# 81

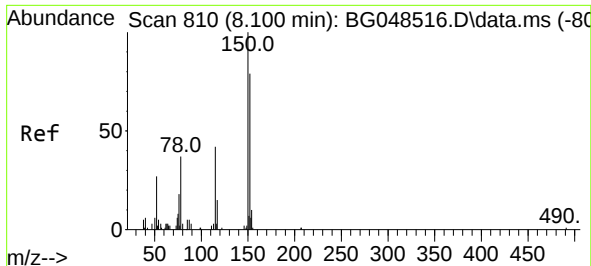
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

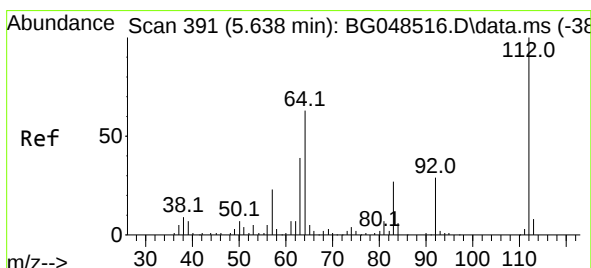
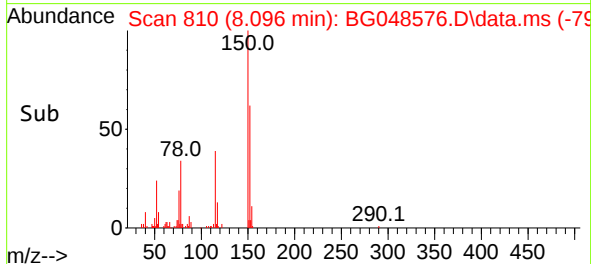
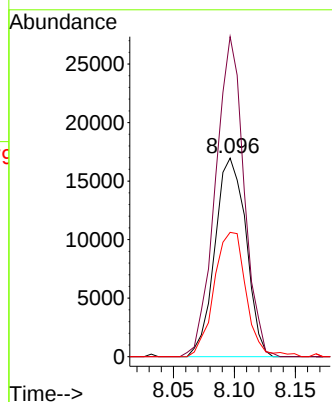
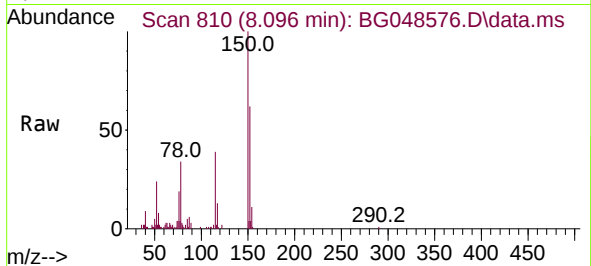




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.096 min Scan# 810
Delta R.T. 0.002 min
Lab File: BG048576.D
Acq: 2 Apr 2021 19:58

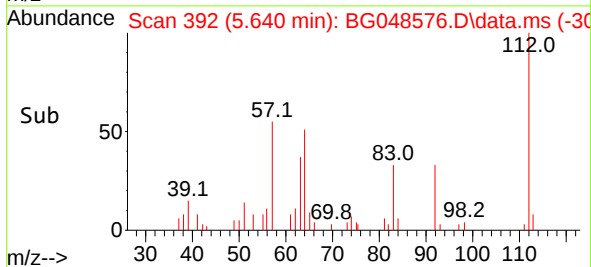
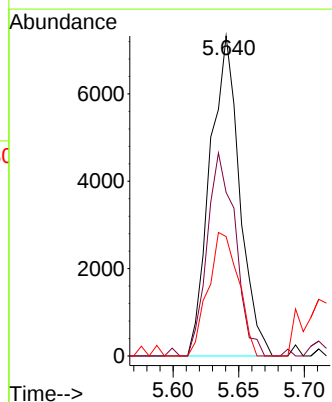
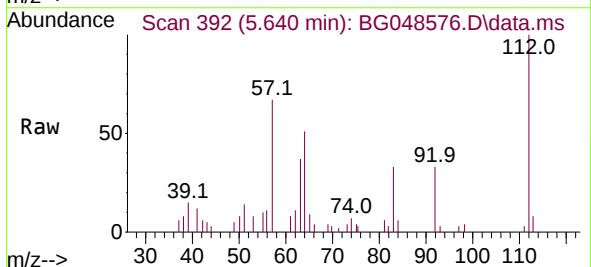
Instrument :
BNA_G
ClientSampleId :
IEC-R2DL

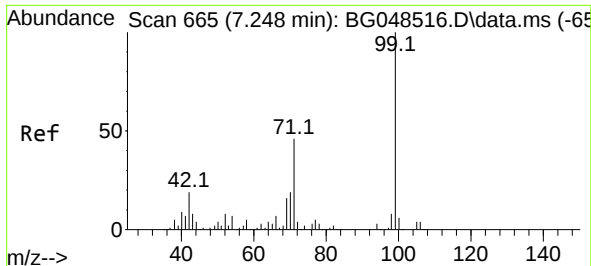
Tgt Ion:152 Resp: 30071
Ion Ratio Lower Upper
152 100
150 161.1 101.3 151.9#
115 62.6 42.3 63.5



#5
2-Fluorophenol
Concen: 6.76 ng
RT: 5.640 min Scan# 392
Delta R.T. 0.003 min
Lab File: BG048576.D
Acq: 2 Apr 2021 19:58

Tgt Ion:112 Resp: 11511
Ion Ratio Lower Upper
112 100
64 51.1 50.4 75.6
63 37.3 31.4 47.2

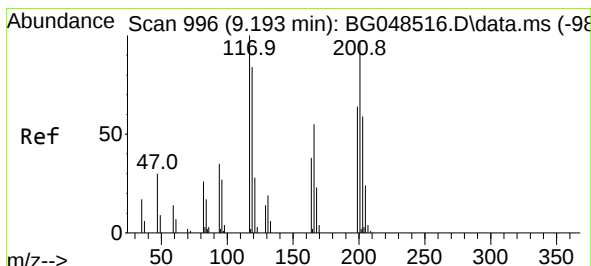
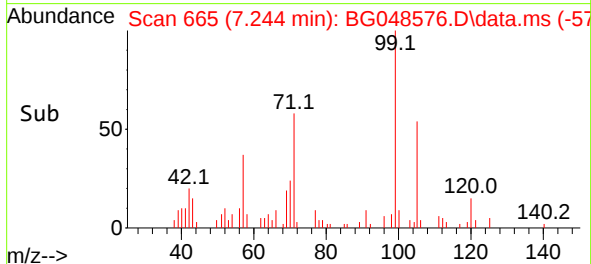
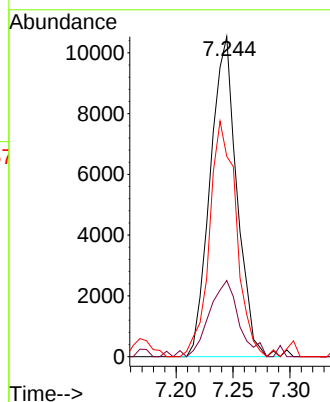
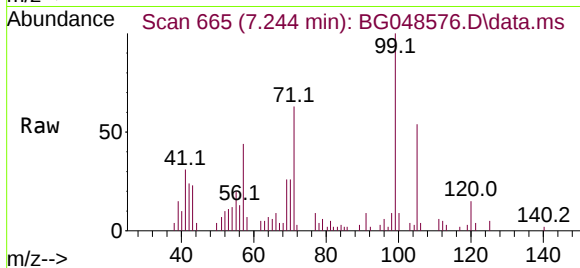




#7
Phenol-d6
Concen: 6.95 ng
RT: 7.244 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG048576.D
Acq: 2 Apr 2021 19:58

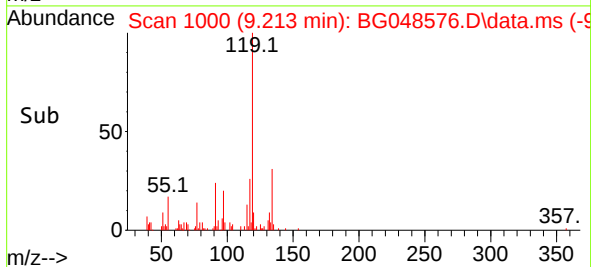
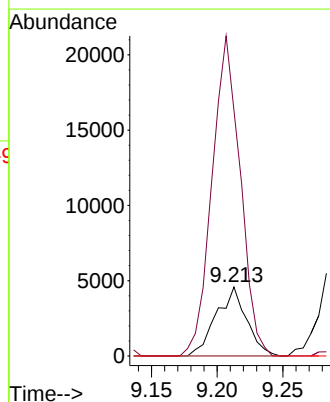
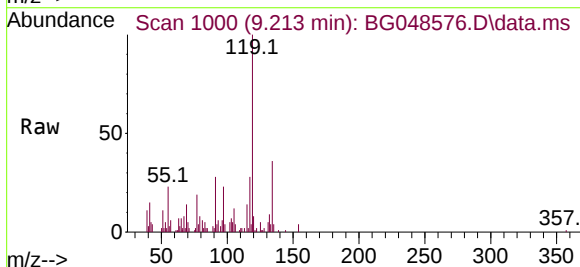
Instrument :
BNA_G
ClientSampleId :
IEC-R2DL

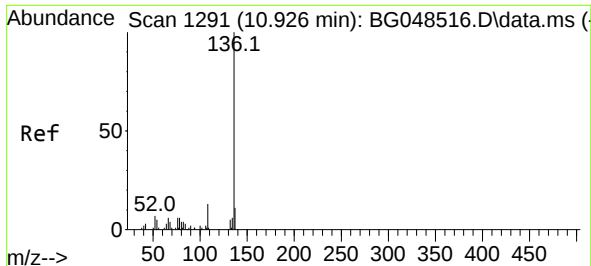
Tgt Ion: 99 Resp: 17169
Ion Ratio Lower Upper
99 100
42 23.8 15.5 23.3#
71 62.6 36.6 54.8#



#18
Hexachloroethane
Concen: 9.08 ng
RT: 9.213 min Scan# 1000
Delta R.T. 0.020 min
Lab File: BG048576.D
Acq: 2 Apr 2021 19:58

Tgt Ion: 117 Resp: 7379
Ion Ratio Lower Upper
117 100
119 355.9 67.0 100.6#
201 0.0 79.8 119.6#

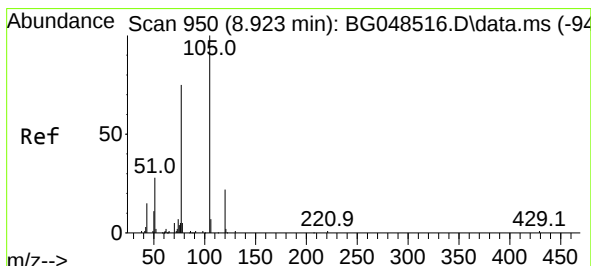
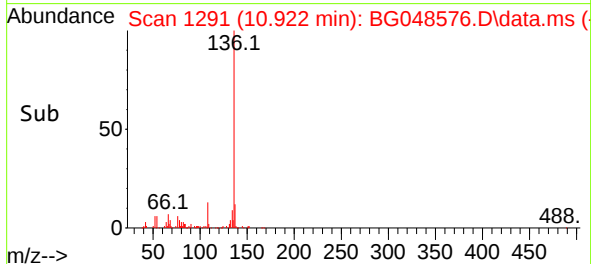
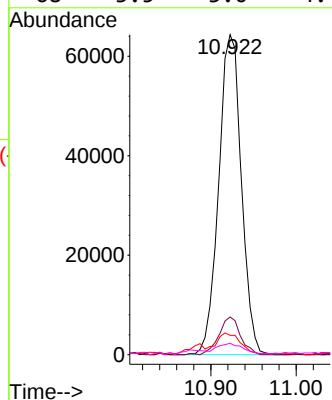
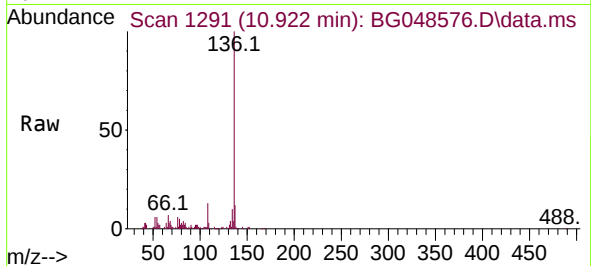




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.922 min Scan# 1291
Delta R.T. -0.003 min
Lab File: BG048576.D
Acq: 2 Apr 2021 19:58

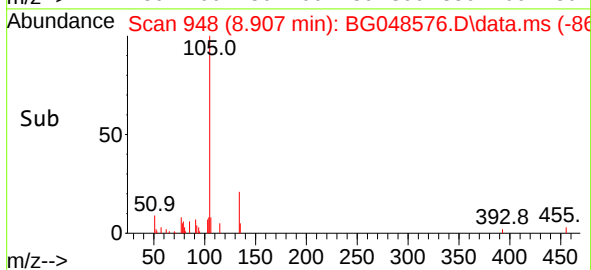
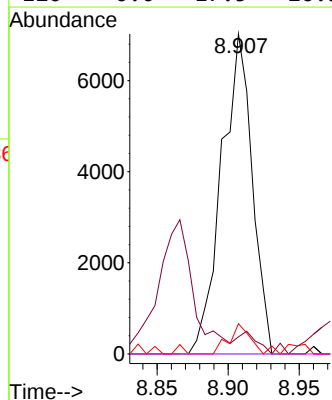
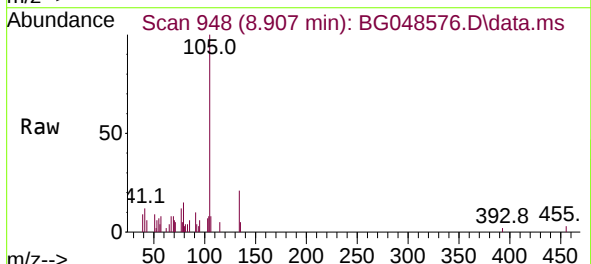
Instrument :
BNA_G
ClientSampleId :
IEC-R2DL

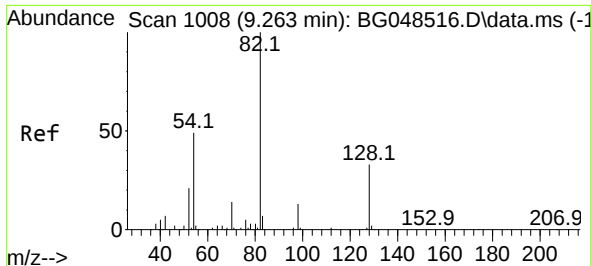
Tgt Ion:	136	Resp:	118897
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.6	12.8
54	6.0	4.2	6.4
68	3.5	3.0	4.4



#22
Acetophenone
Concen: 3.43 ng
RT: 8.907 min Scan# 948
Delta R.T. -0.015 min
Lab File: BG048576.D
Acq: 2 Apr 2021 19:58

Tgt Ion:	105	Resp:	10528
Ion Ratio	Lower	Upper	
105	100		
71	5.4	1.1	1.7#
51	9.5	26.1	39.1#
120	0.0	17.5	26.3#

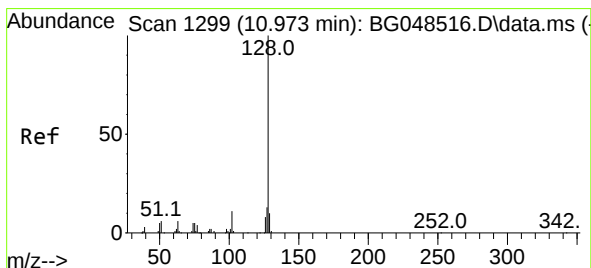
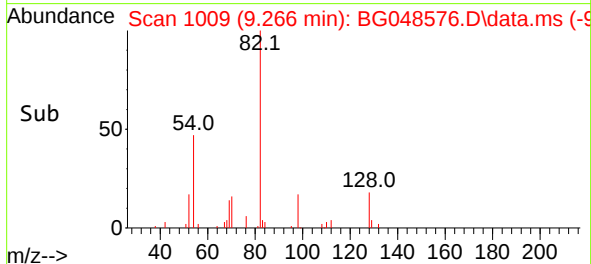
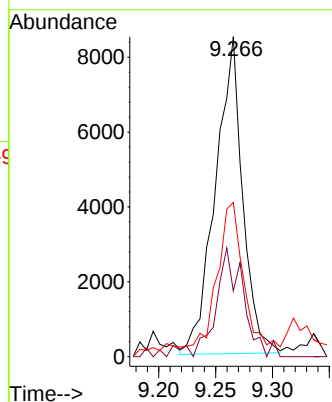
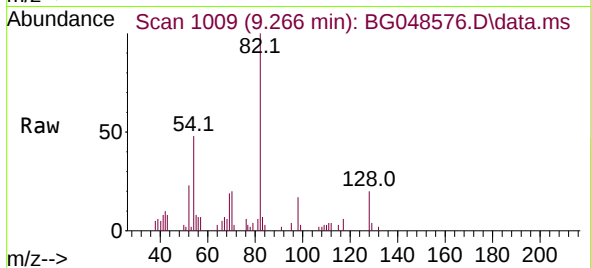




#23
Nitrobenzene-d5
Concen: 5.76 ng
RT: 9.266 min Scan# 1009
Delta R.T. -0.003 min
Lab File: BG048576.D
Acq: 2 Apr 2021 19:58

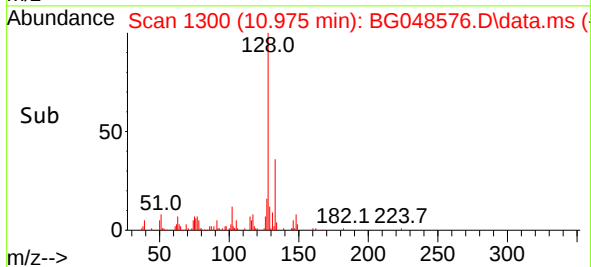
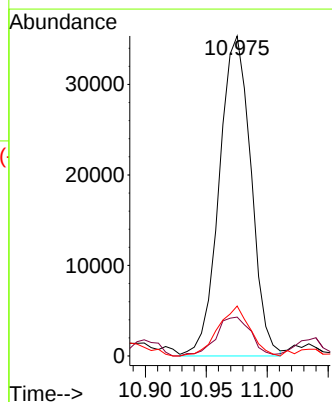
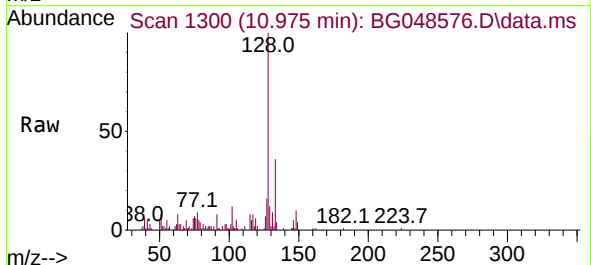
Instrument :
BNA_G
ClientSampleId :
IEC-R2DL

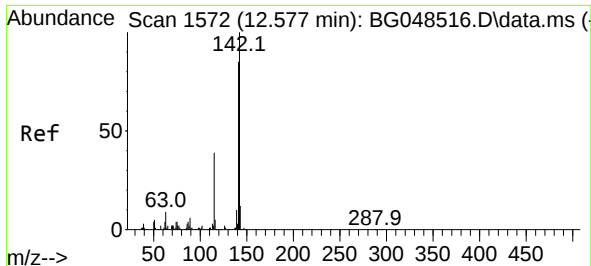
Tgt Ion: 82 Resp: 14143
Ion Ratio Lower Upper
82 100
128 20.5 26.2 39.4#
54 48.2 38.9 58.3



#31
Naphthalene
Concen: 10.49 ng
RT: 10.975 min Scan# 1300
Delta R.T. -0.003 min
Lab File: BG048576.D
Acq: 2 Apr 2021 19:58

Tgt Ion: 128 Resp: 64120
Ion Ratio Lower Upper
128 100
129 12.1 8.2 12.2
127 15.6 10.6 16.0

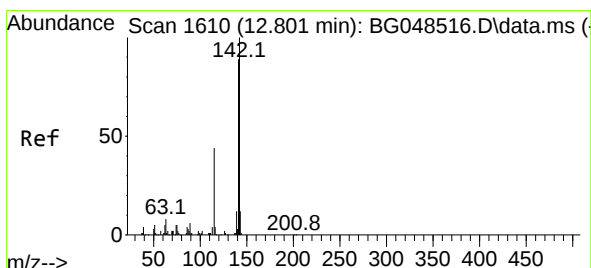
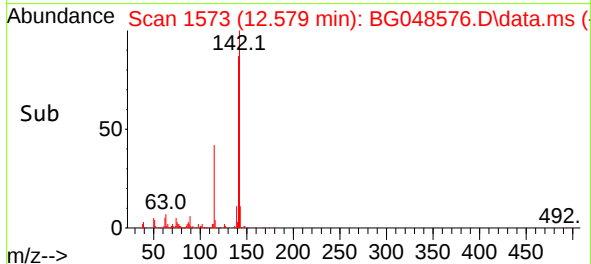
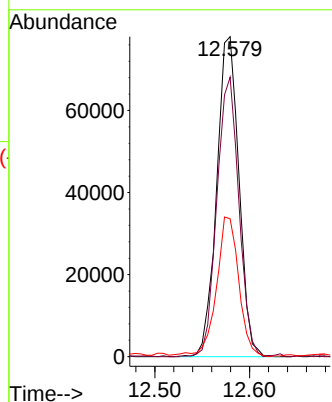
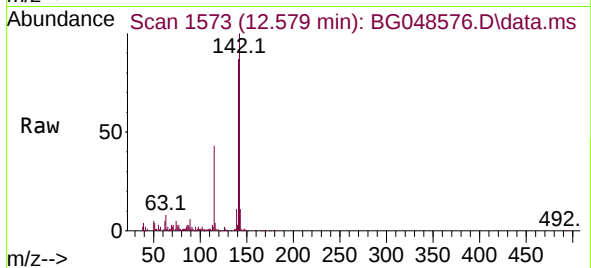




#37
2-Methylnaphthalene
Concen: 26.09 ng
RT: 12.579 min Scan# 1573
Delta R.T. 0.003 min
Lab File: BG048576.D
Acq: 2 Apr 2021 19:58

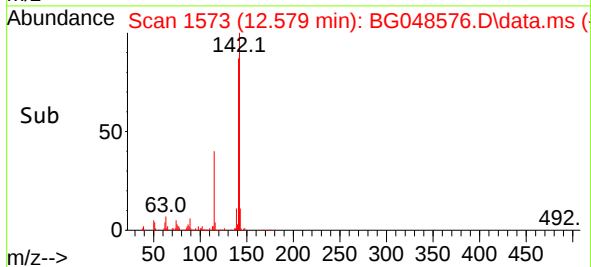
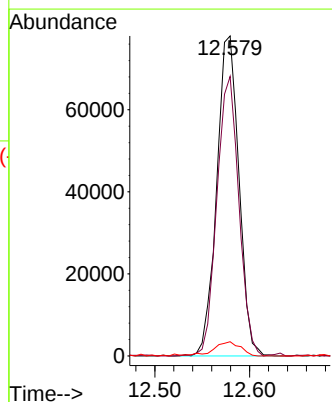
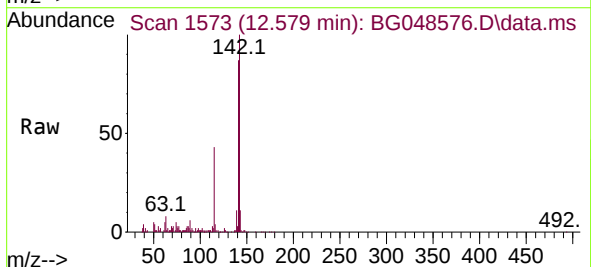
Instrument :
BNA_G
ClientSampleId :
IEC-R2DL

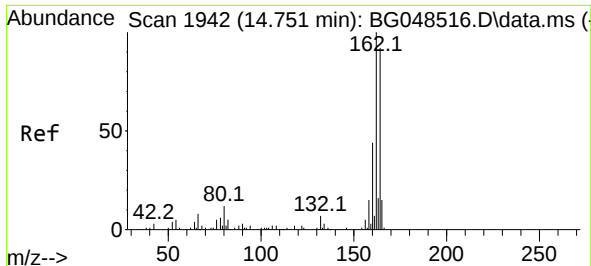
Tgt Ion:142 Resp: 126985
Ion Ratio Lower Upper
142 100
141 87.4 68.2 102.4
115 43.1 30.8 46.2



#38
1-Methylnaphthalene
Concen: 27.36 ng
RT: 12.579 min Scan# 1573
Delta R.T. -0.221 min
Lab File: BG048576.D
Acq: 2 Apr 2021 19:58

Tgt Ion:142 Resp: 126985
Ion Ratio Lower Upper
142 100
141 87.4 71.2 106.8
116 4.5 3.4 5.0

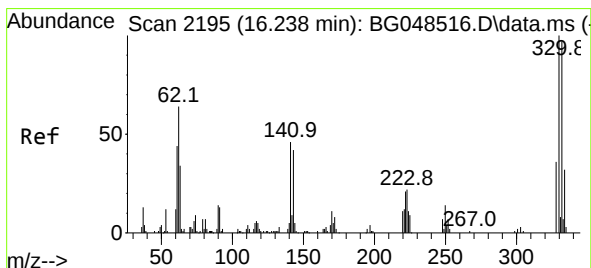
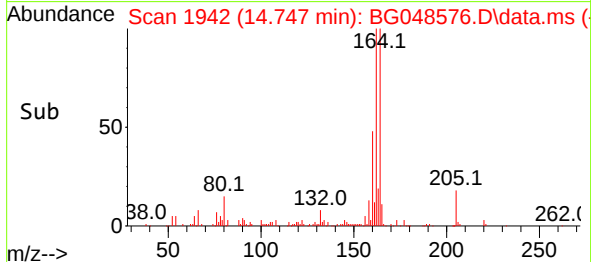
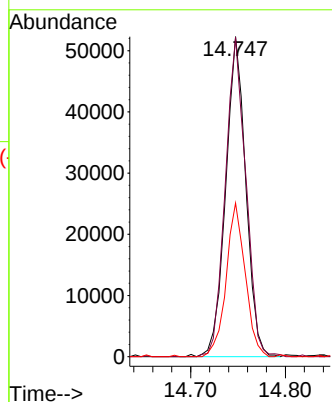
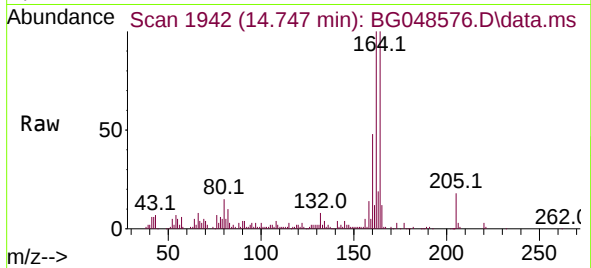




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.003 min
Lab File: BG048576.D
Acq: 2 Apr 2021 19:58

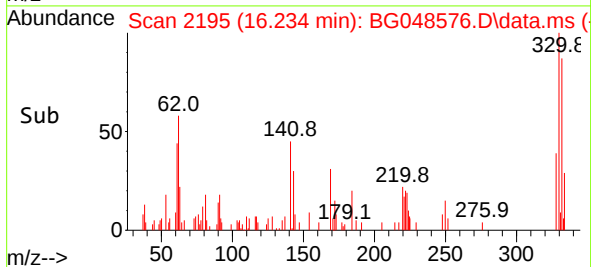
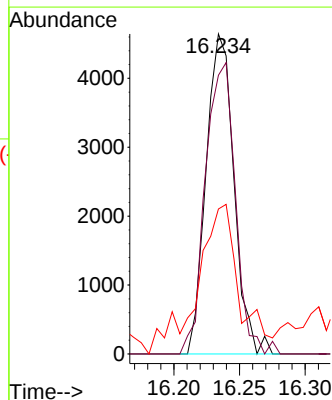
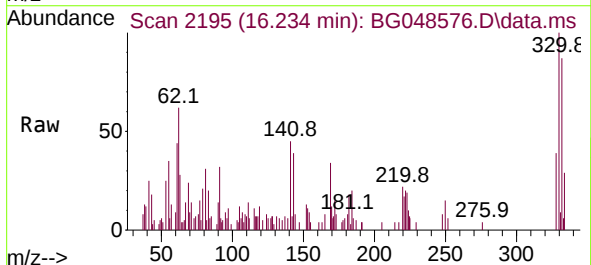
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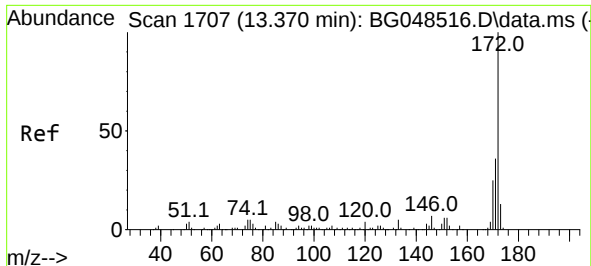
Tgt Ion:164 Resp: 77018
Ion Ratio Lower Upper
164 100
162 99.7 87.0 130.6
160 48.0 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 6.77 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.009 min
Lab File: BG048576.D
Acq: 2 Apr 2021 19:58

Tgt Ion:330 Resp: 6857
Ion Ratio Lower Upper
330 100
332 98.1 77.6 116.4
141 70.4 34.6 52.0#

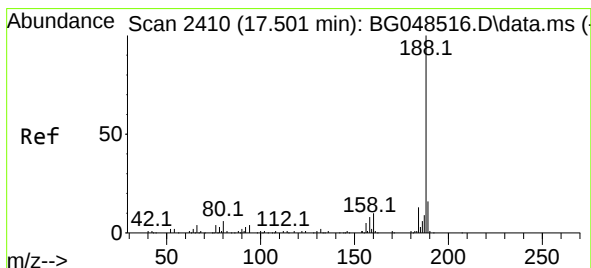
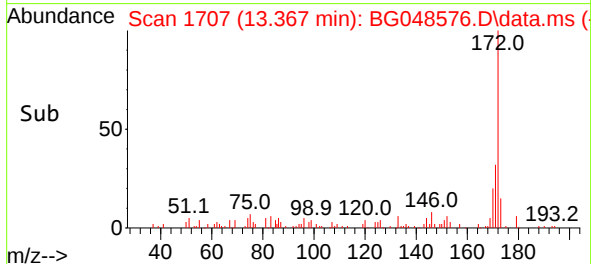
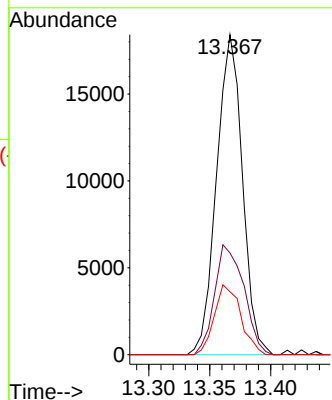
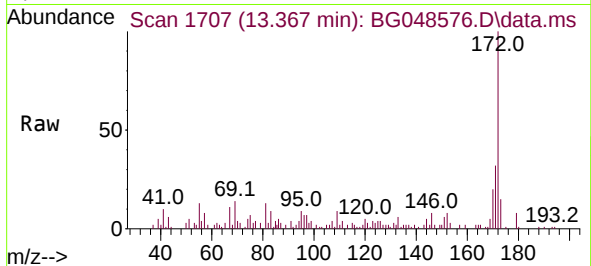




#45
2-Fluorobiphenyl
Concen: 5.24 ng
RT: 13.367 min Scan# 1707
Delta R.T. -0.003 min
Lab File: BG048576.D
Acq: 2 Apr 2021 19:58

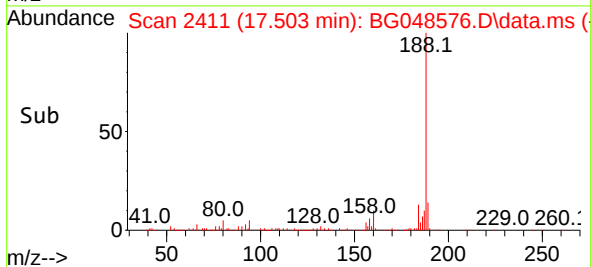
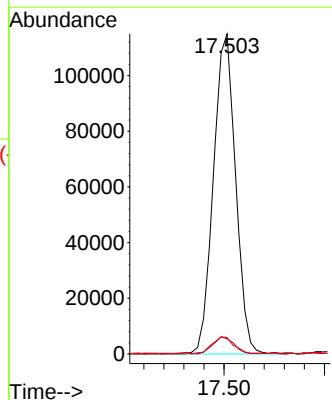
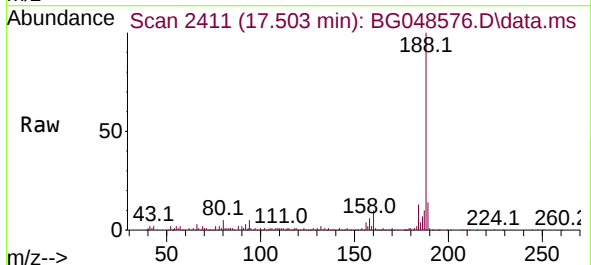
Instrument :
BNA_G
ClientSampleId :
IEC-R2DL

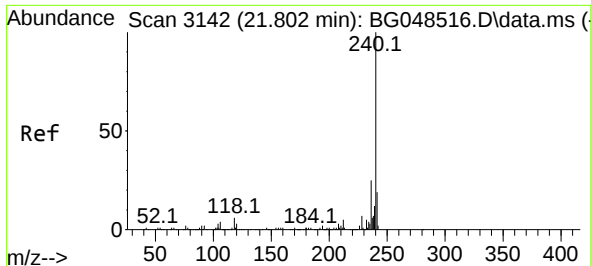
Tgt Ion:172 Resp: 27170
Ion Ratio Lower Upper
172 100
171 31.8 28.5 42.7
170 19.7 19.8 29.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.503 min Scan# 2411
Delta R.T. -0.003 min
Lab File: BG048576.D
Acq: 2 Apr 2021 19:58

Tgt Ion:188 Resp: 175992
Ion Ratio Lower Upper
188 100
94 4.8 3.0 4.6#
80 5.2 4.5 6.7

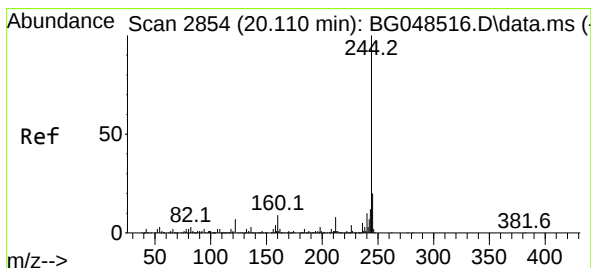
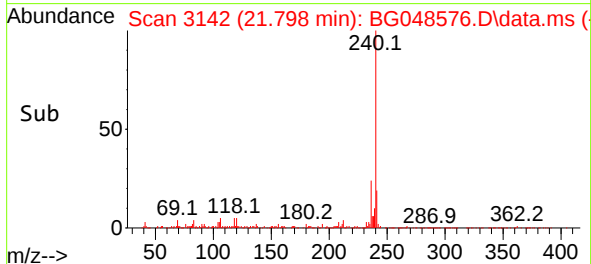
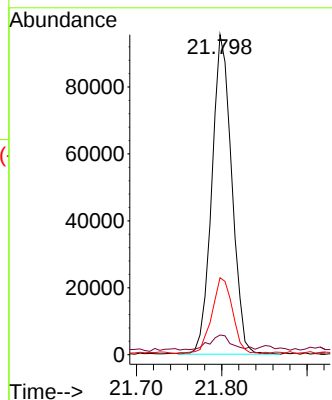
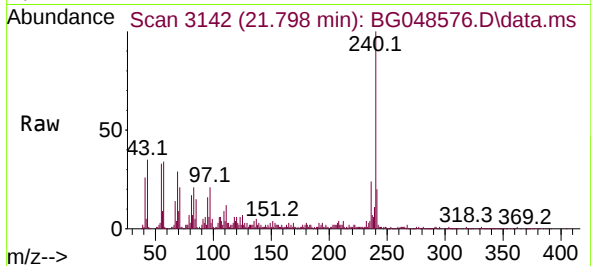




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.798 min Scan# 3142
Delta R.T. -0.003 min
Lab File: BG048576.D
Acq: 2 Apr 2021 19:58

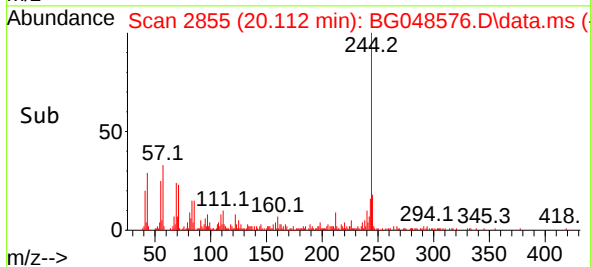
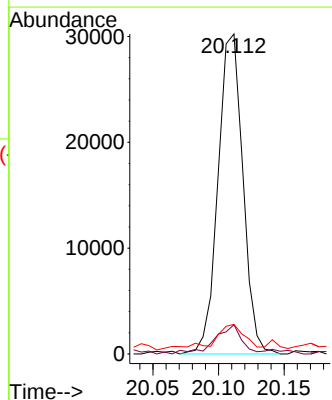
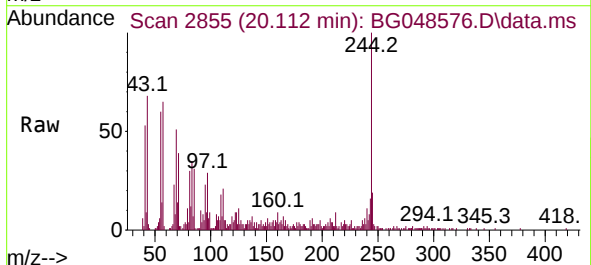
Instrument :
BNA_G
ClientSampleId :
IEC-R2DL

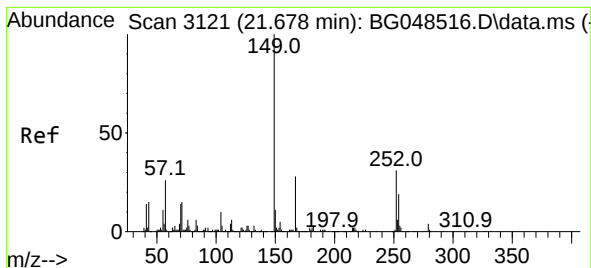
Tgt Ion:240 Resp: 155147
Ion Ratio Lower Upper
240 100
120 6.2 2.6 3.8#
236 24.0 19.8 29.6



#79
Terphenyl-d14
Concen: 4.70 ng
RT: 20.112 min Scan# 2855
Delta R.T. -0.003 min
Lab File: BG048576.D
Acq: 2 Apr 2021 19:58

Tgt Ion:244 Resp: 39848
Ion Ratio Lower Upper
244 100
212 9.2 6.0 9.0#
122 9.2 5.8 8.6#

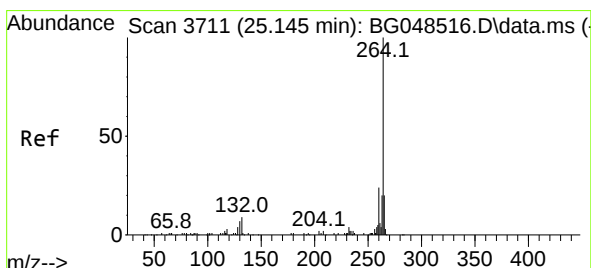
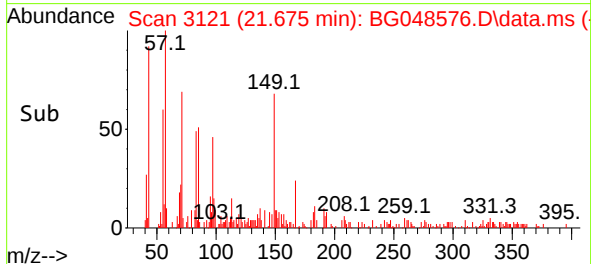
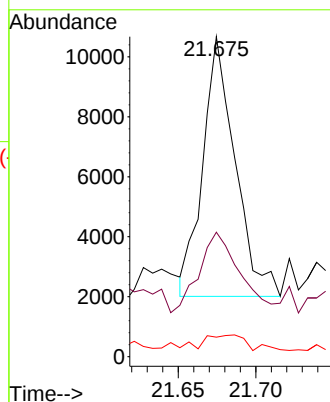
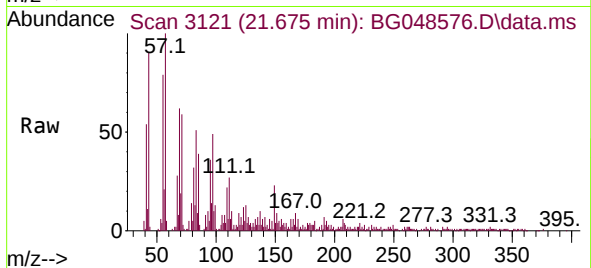




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.28 ng
RT: 21.675 min Scan# 3121
Delta R.T. -0.003 min
Lab File: BG048576.D
Acq: 2 Apr 2021 19:58

Instrument :
BNA_G
ClientSampleId :
IEC-R2DL

Tgt Ion:149 Resp: 12569
Ion Ratio Lower Upper
149 100
167 38.9 22.4 33.6#
279 6.1 3.4 5.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.159 min Scan# 3714
Delta R.T. 0.009 min
Lab File: BG048576.D
Acq: 2 Apr 2021 19:58

Tgt Ion:264 Resp: 157567
Ion Ratio Lower Upper
264 100
260 21.4 19.1 28.7
265 19.9 16.1 24.1

