

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)

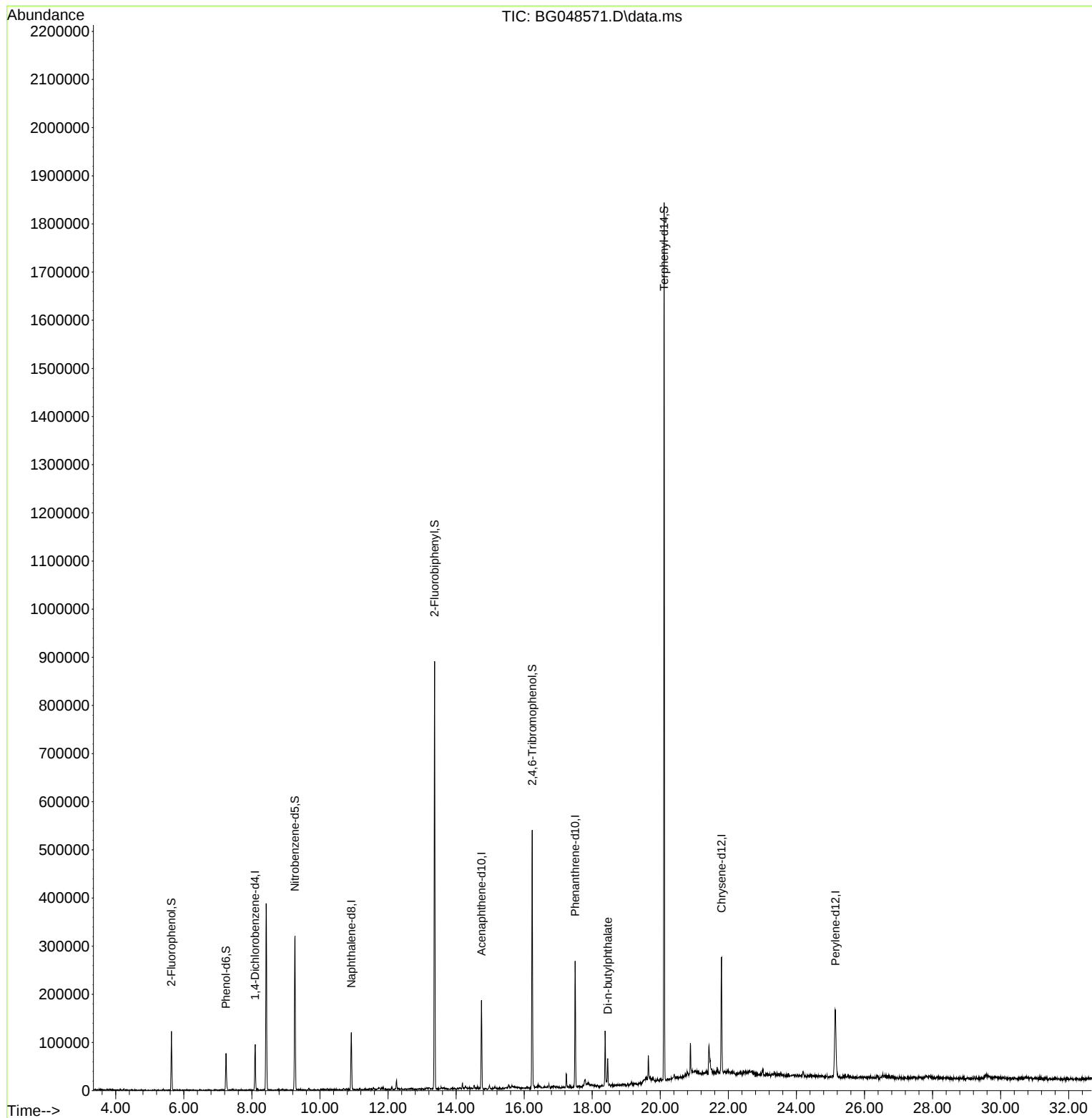
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.098	152	24853	20.00	ng	# 0.00
21) Naphthalene-d8	10.924	136	98098	20.00	ng	0.00
39) Acenaphthene-d10	14.749	164	65494	20.00	ng	0.00
64) Phenanthrene-d10	17.499	188	161135	20.00	ng	# 0.00
76) Chrysene-d12	21.799	240	153177	20.00	ng	# 0.00
86) Perylene-d12	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						
74) Di-n-butylphthalate	18.456	149	36420	4.12	ng	Qvalue 98

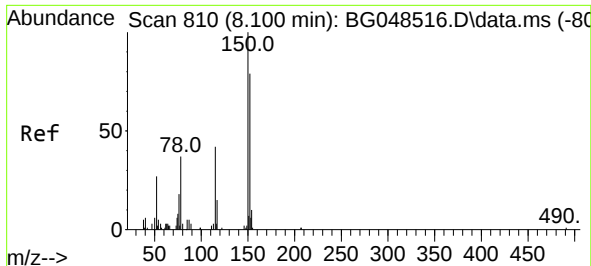
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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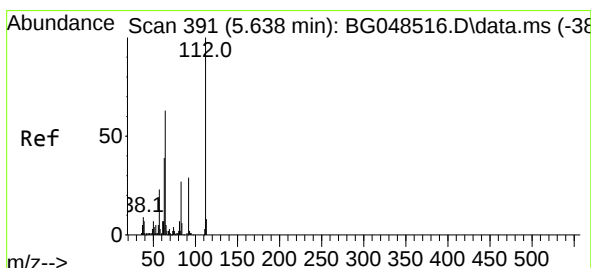
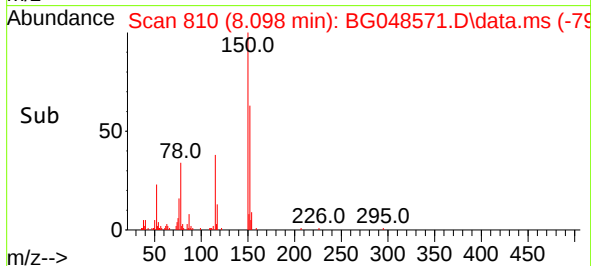
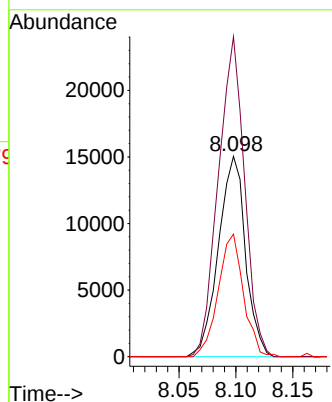
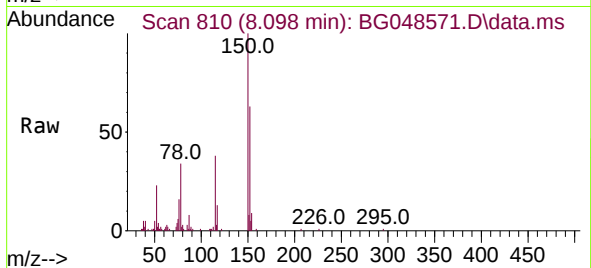




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.098 min Scan# 810
Delta R.T. 0.004 min
Lab File: BG048571.D
Acq: 2 Apr 2021 16:36

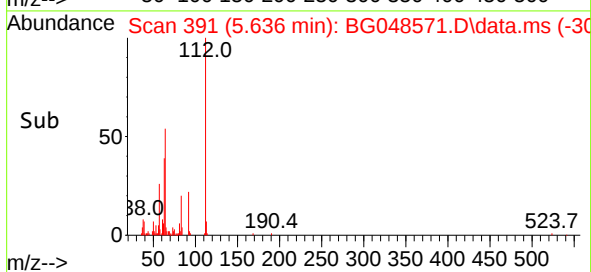
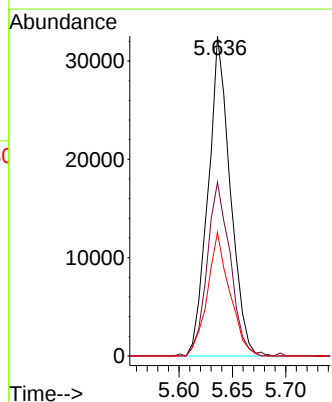
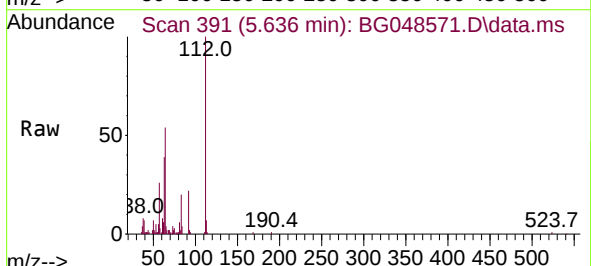
Instrument :
BNA_G
ClientSampleId :
HP-640

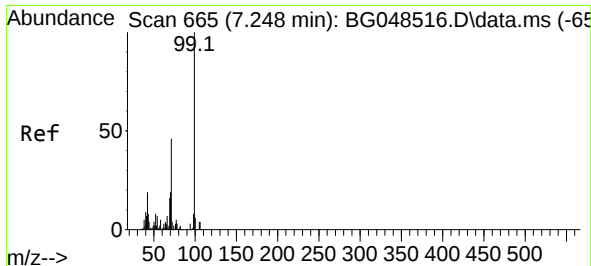
Tgt Ion:152 Resp: 24853
Ion Ratio Lower Upper
152 100
150 159.7 101.3 151.9#
115 61.1 42.3 63.5



#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

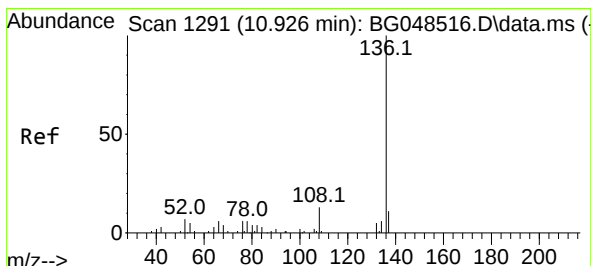
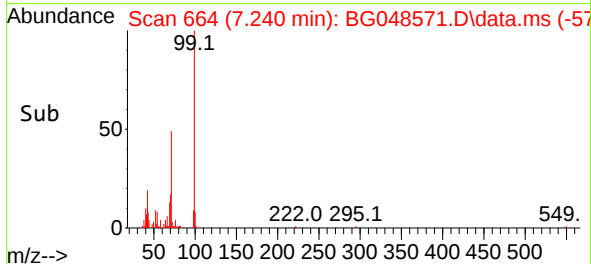
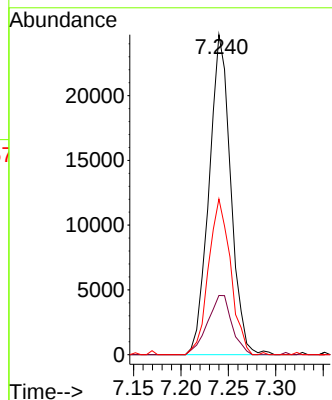
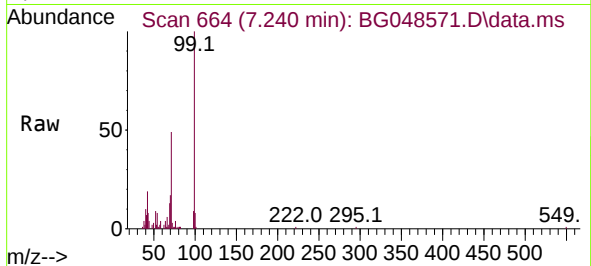




#7
Phenol-d6
Concen: 19.25 ng
RT: 7.240 min Scan# 664
Delta R.T. -0.008 min
Lab File: BG048571.D
Acq: 2 Apr 2021 16:36

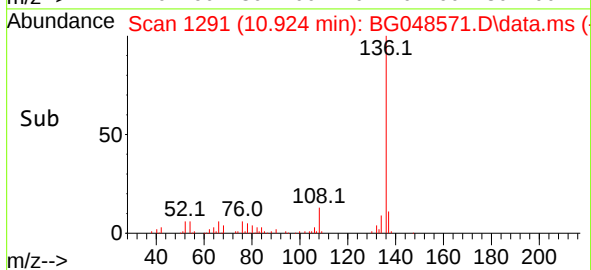
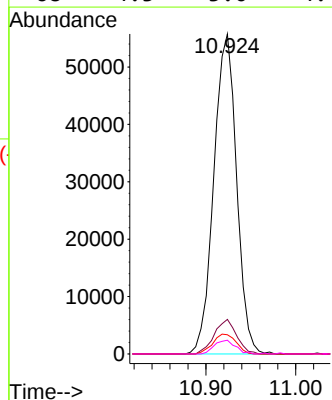
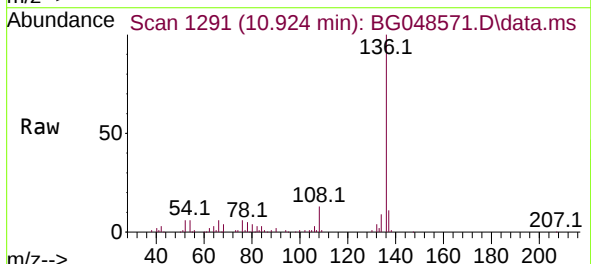
Instrument :
BNA_G
ClientSampleId :
HP-640

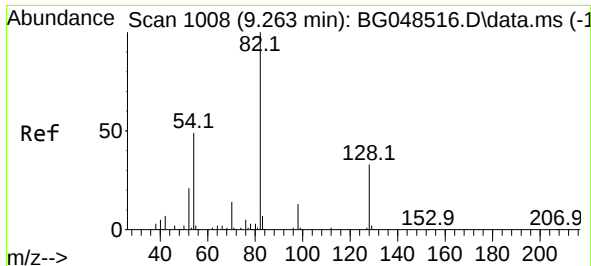
Tgt Ion:	99	Resp:	39301
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.5	23.3
71	48.6	36.6	54.8



#21
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

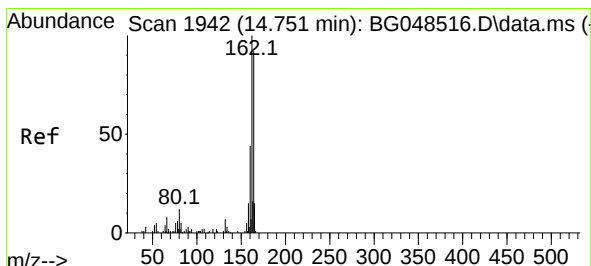
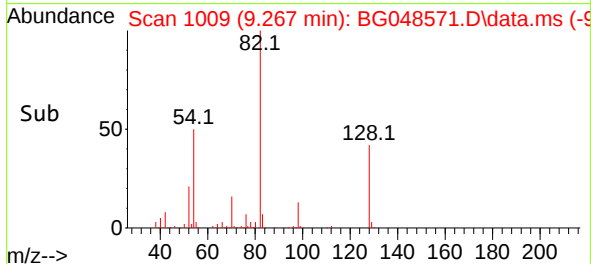
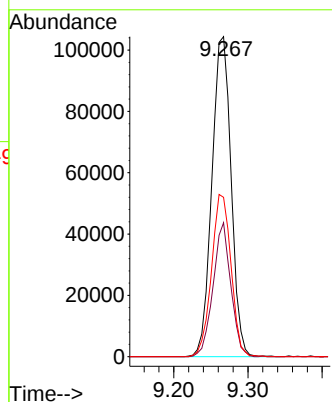
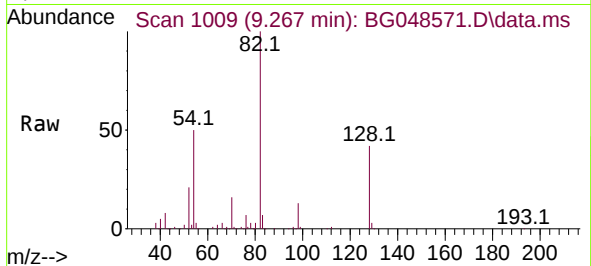




#23
Nitrobenzene-d5
Concen: 92.70 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.002 min
Lab File: BG048571.D
Acq: 2 Apr 2021 16:36

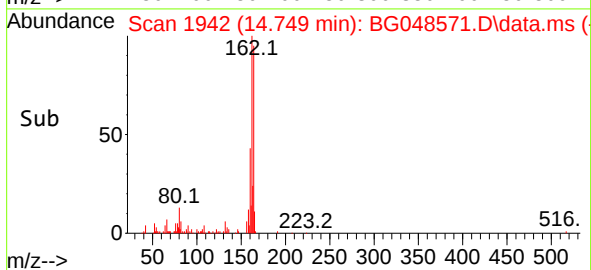
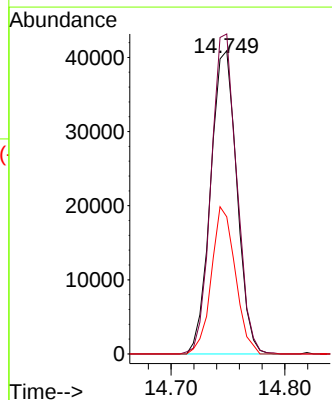
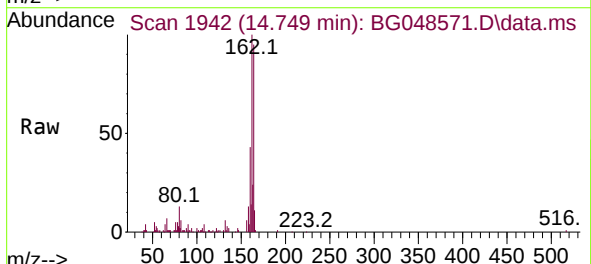
Instrument :
BNA_G
ClientSampleId :
HP-640

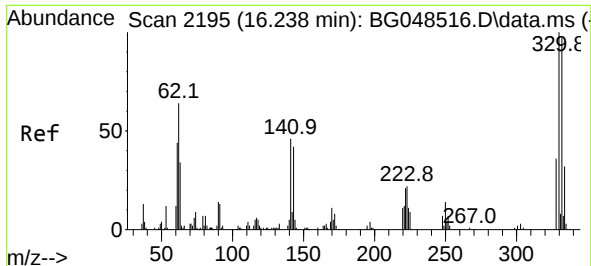
Tgt Ion: 82 Resp: 187830
Ion Ratio Lower Upper
82 100
128 41.9 26.2 39.4#
54 49.8 38.9 58.3



#39
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

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

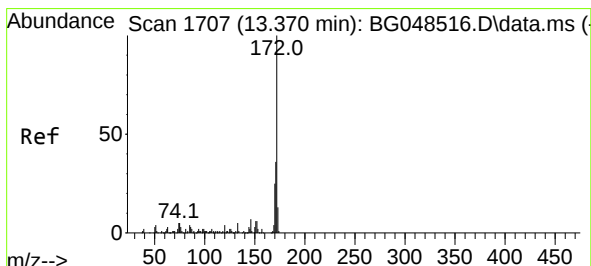
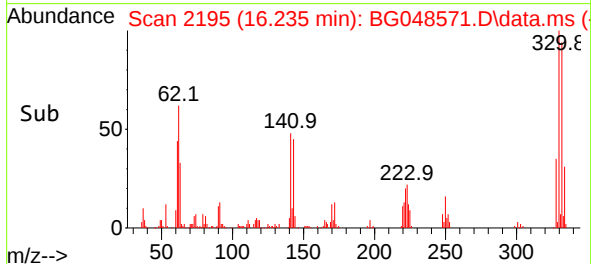
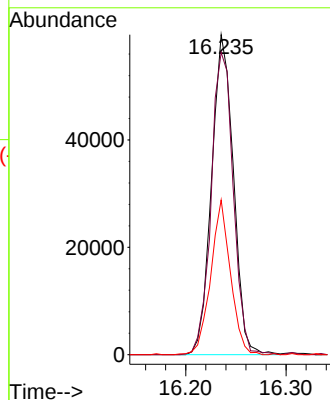
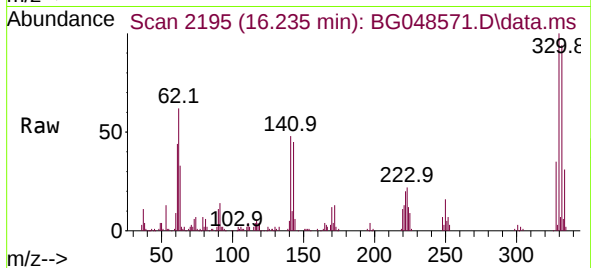




#42
2,4,6-Tribromophenol
Concen: 104.70 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.008 min
Lab File: BG048571.D
Acq: 2 Apr 2021 16:36

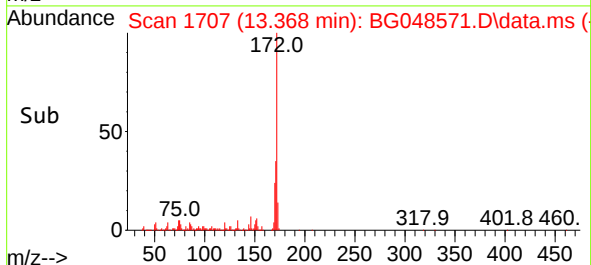
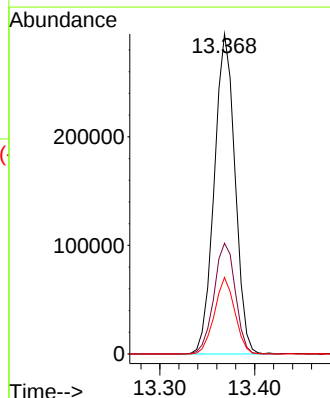
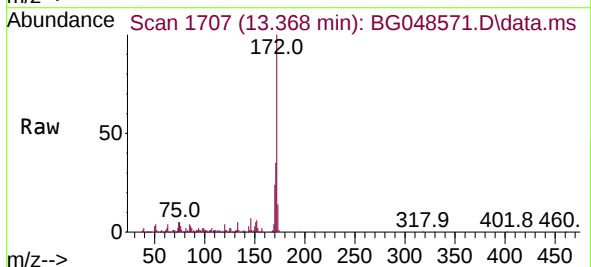
Instrument :
BNA_G
ClientSampleId :
HP-640

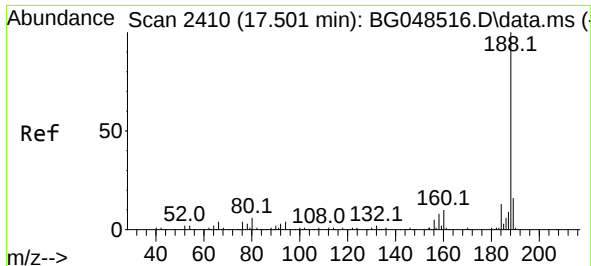
Tgt Ion:330 Resp: 90141
Ion Ratio Lower Upper
330 100
332 95.7 77.6 116.4
141 43.7 34.6 52.0



#45
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

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

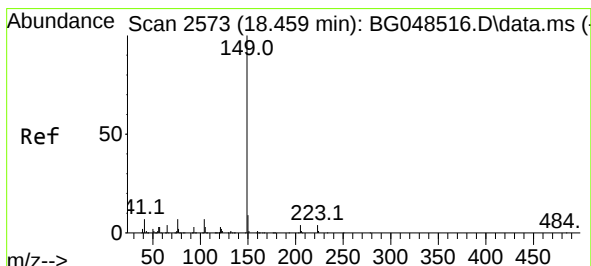
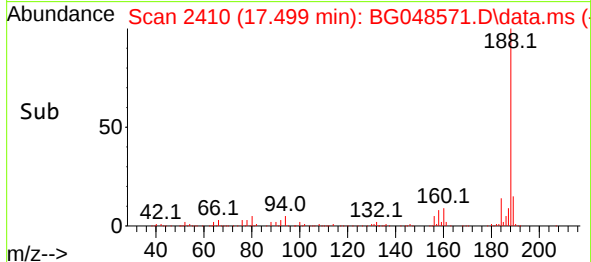
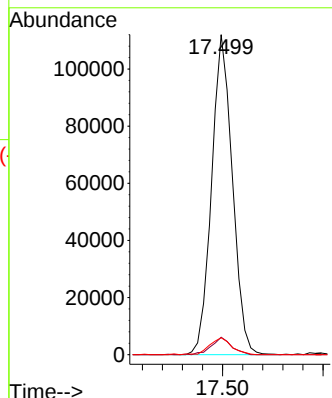
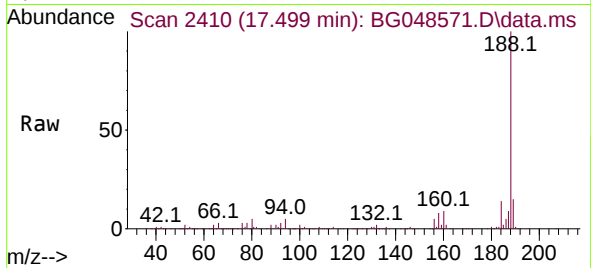




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.499 min Scan# 2410
Delta R.T. -0.008 min
Lab File: BG048571.D
Acq: 2 Apr 2021 16:36

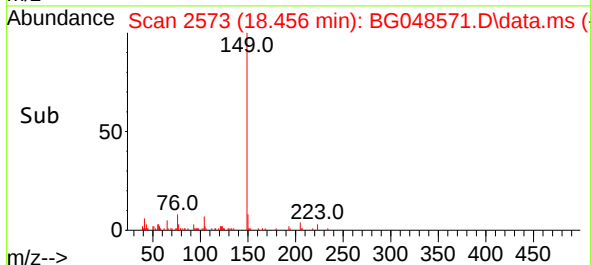
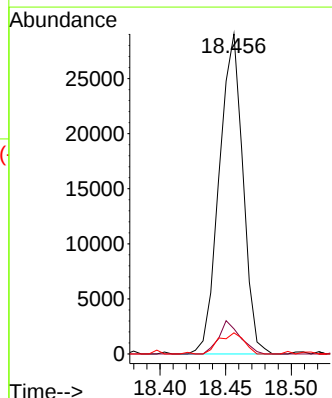
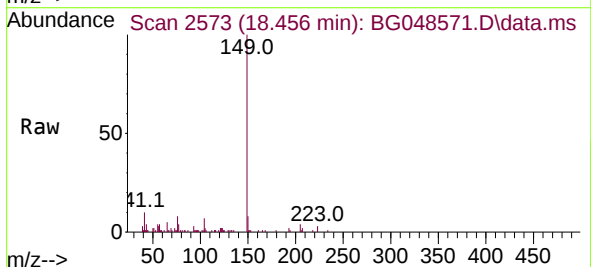
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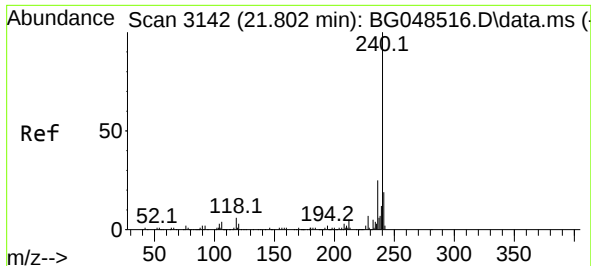
Tgt Ion:188 Resp: 161135
Ion Ratio Lower Upper
188 100
94 5.5 3.0 4.6#
80 5.3 4.5 6.7



#74
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

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

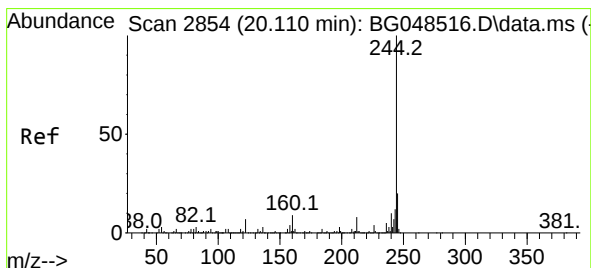
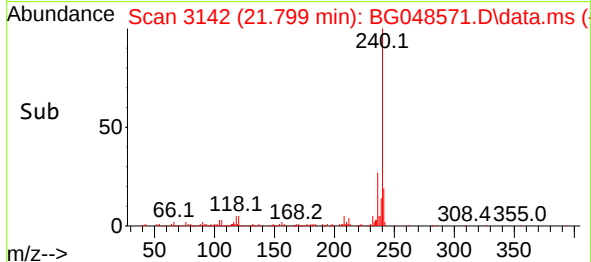
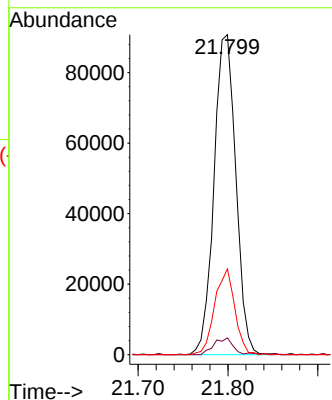
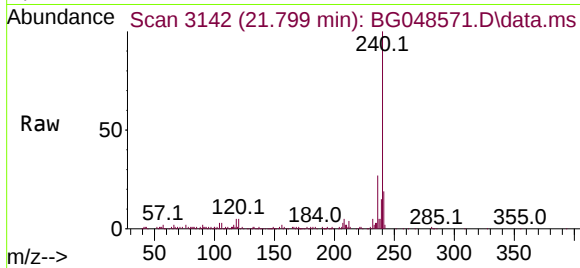




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.799 min Scan# 3142
Delta R.T. -0.002 min
Lab File: BG048571.D
Acq: 2 Apr 2021 16:36

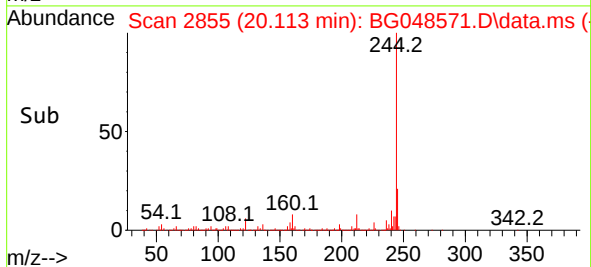
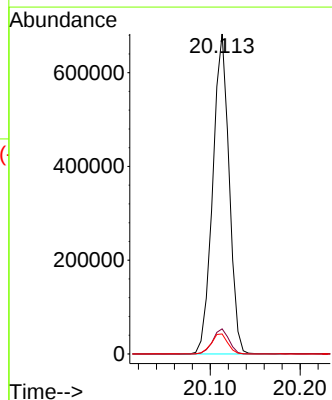
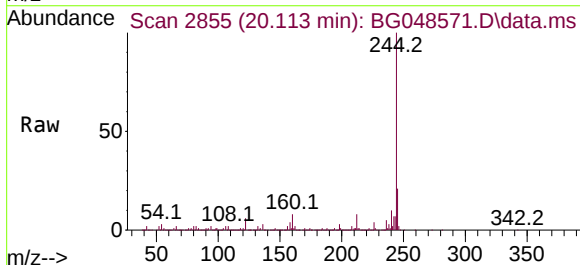
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BNA_G
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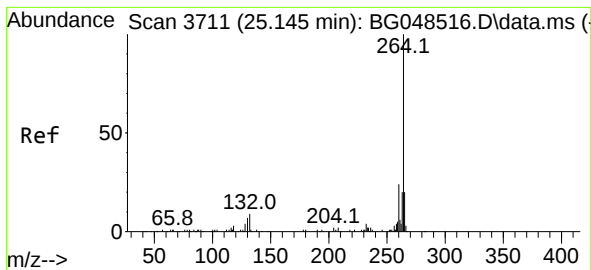
Tgt Ion:240 Resp: 153177
Ion Ratio Lower Upper
240 100
120 5.2 2.6 3.8#
236 26.8 19.8 29.6



#79
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





#86
 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

