

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
 Data File : BG048671.D
 Acq On : 12 Apr 2021 21:56
 Operator : CG/JU
 Sample : M1967-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SED-1B

Quant Time: Apr 13 00:20:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:06:00 2021
 Response via : Initial Calibration

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

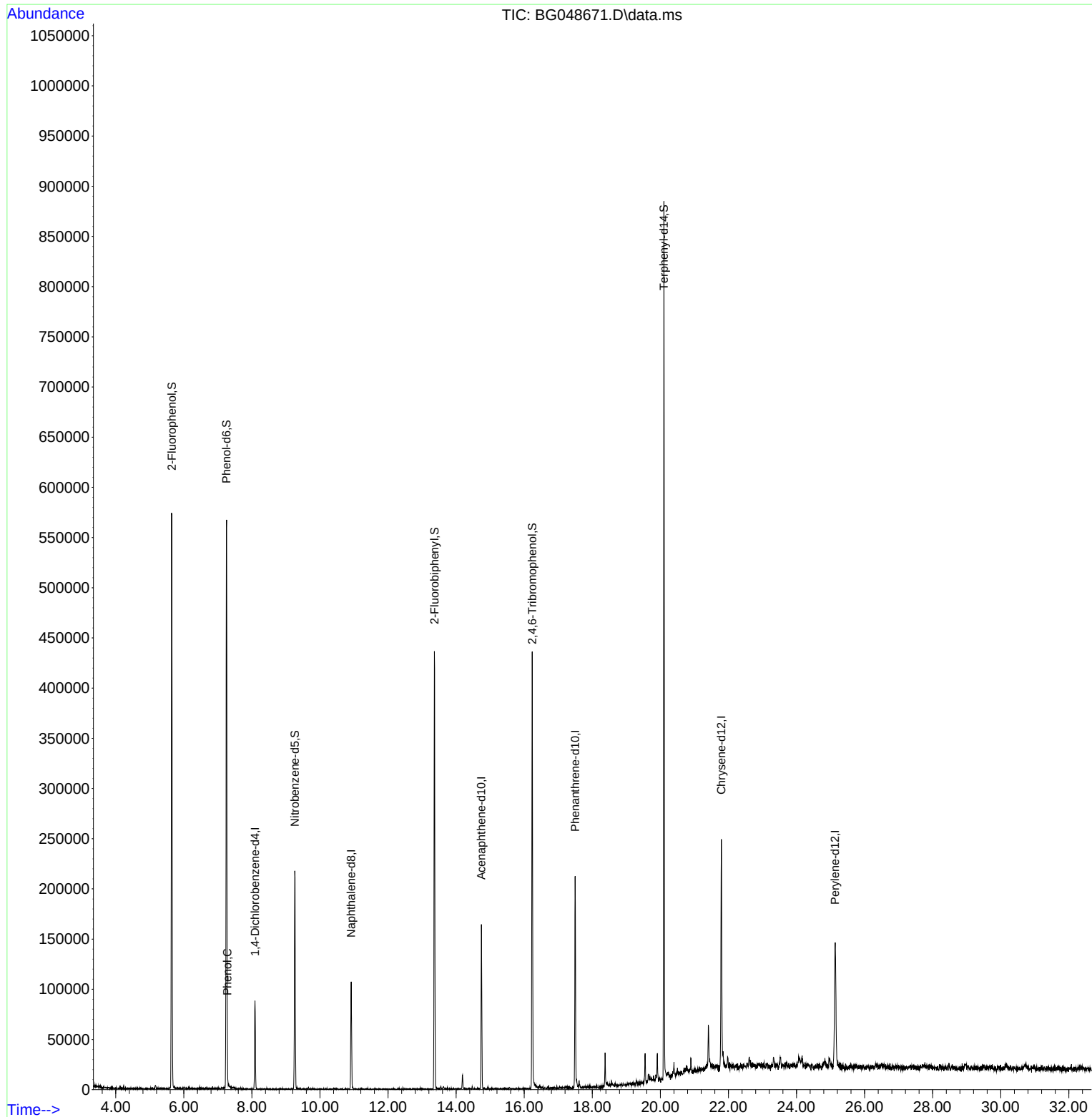
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	21558	20.00	ng	# 0.00
21) Naphthalene-d8	10.916	136	83761	20.00	ng	# 0.00
39) Acenaphthene-d10	14.741	164	55659	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	130144	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	139044	20.00	ng	# 0.00
86) Perylene-d12	25.129	264	136889	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	259863	212.82	ng	0.00
7) Phenol-d6	7.250	99	323950	182.93	ng	0.00
23) Nitrobenzene-d5	9.260	82	122598	70.86	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	72228	98.72	ng	0.00
45) 2-Fluorobiphenyl	13.366	172	220453	58.87	ng	0.00
79) Terphenyl-d14	20.106	244	385536	50.71	ng	0.00
Target Compounds						
10) Phenol	7.279	94	4530	2.56	ng	Qvalue 78

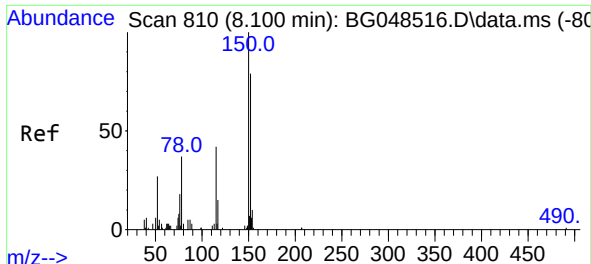
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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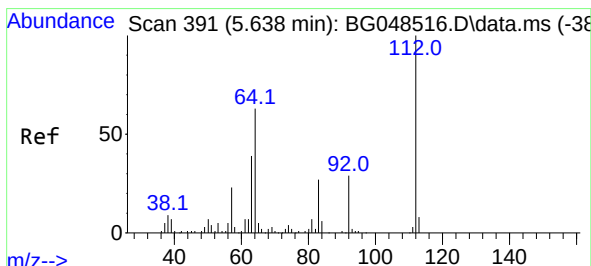
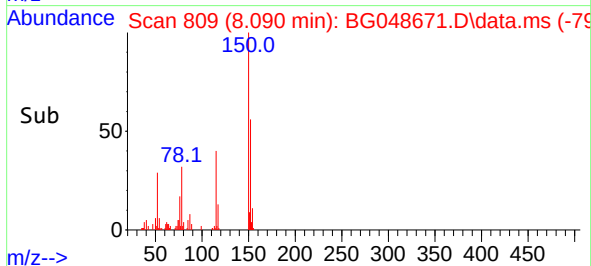
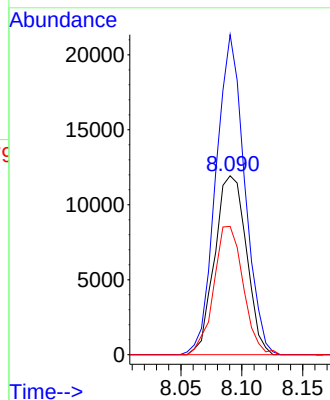
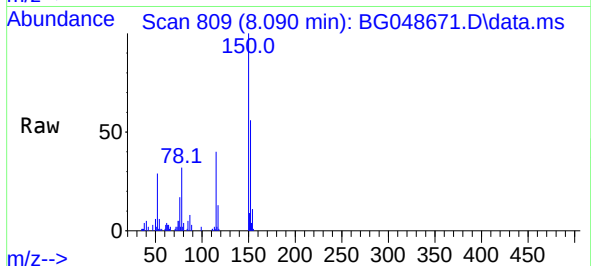




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.090 min Scan# 809
Delta R.T. -0.010 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

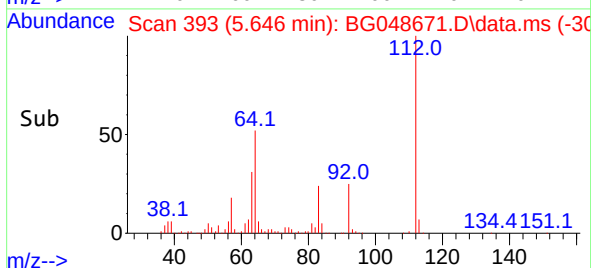
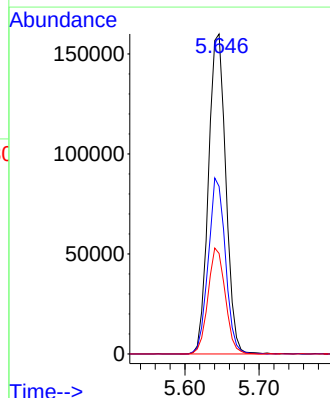
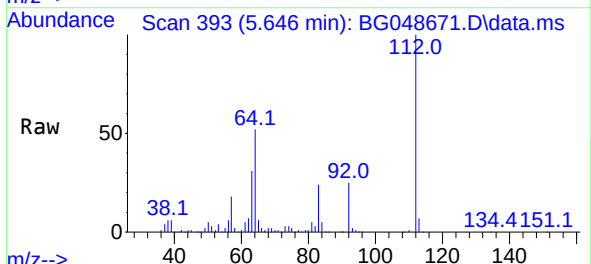
Instrument :
BNA_G
ClientSampleId :
SED-1B

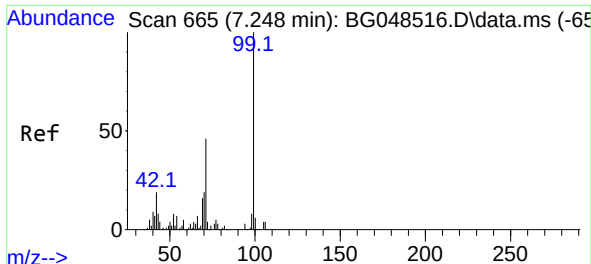
Tgt Ion:152 Resp: 21558
Ion Ratio Lower Upper
152 100
150 178.9 101.3 151.9#
115 71.7 42.3 63.5#



#5
2-Fluorophenol
Concen: 212.82 ng
RT: 5.646 min Scan# 393
Delta R.T. 0.008 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

Tgt Ion:112 Resp: 259863
Ion Ratio Lower Upper
112 100
64 52.4 50.4 75.6
63 31.4 31.4 47.2#

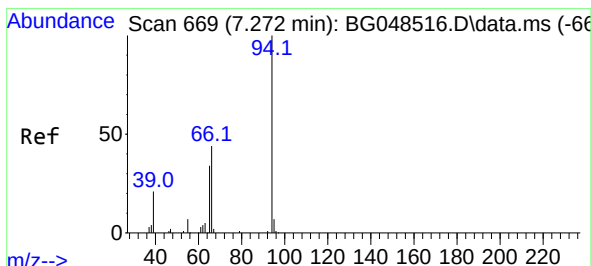
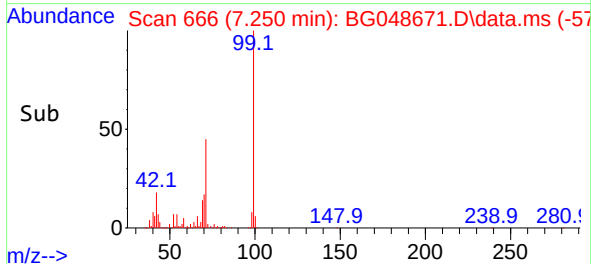
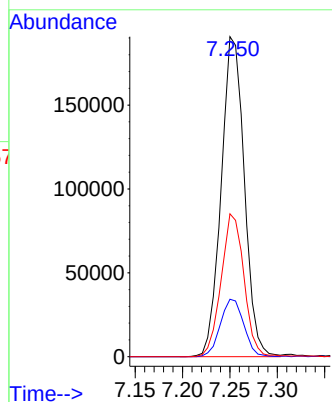
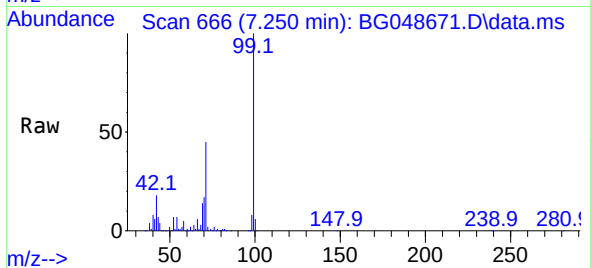




#7
Phenol-d6
Concen: 182.93 ng
RT: 7.250 min Scan# 666
Delta R.T. 0.002 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

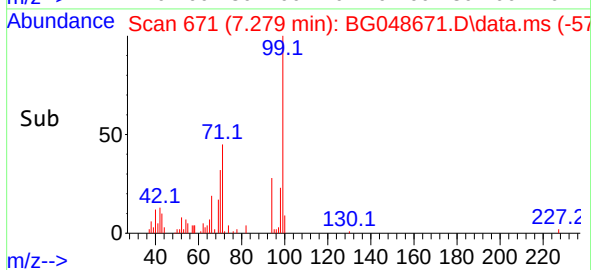
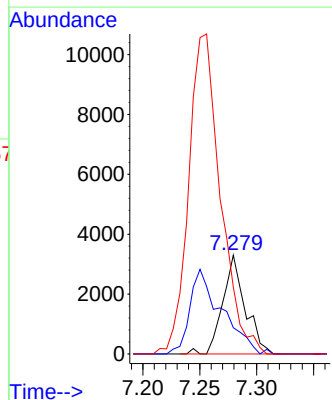
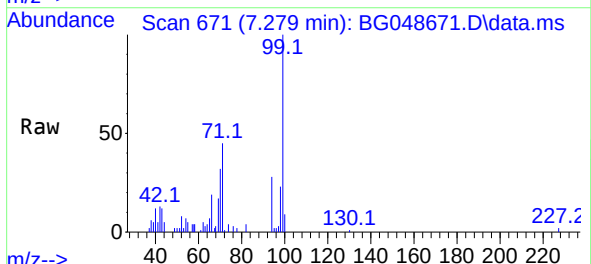
Instrument :
BNA_G
ClientSampleId :
SED-1B

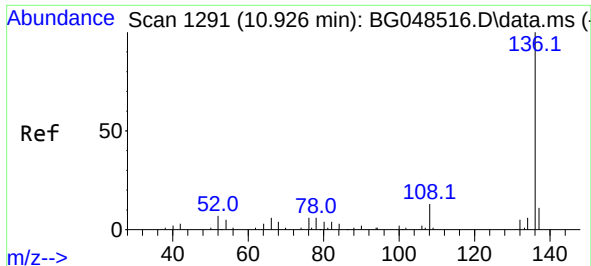
Tgt Ion: 99 Resp: 323950
Ion Ratio Lower Upper
99 100
42 18.0 15.5 23.3
71 44.6 36.6 54.8



#10
Phenol
Concen: 2.56 ng
RT: 7.279 min Scan# 671
Delta R.T. 0.008 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

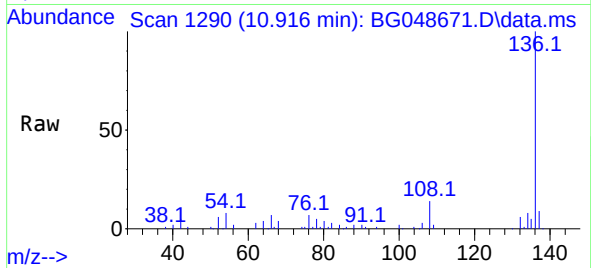
Tgt Ion: 94 Resp: 4530
Ion Ratio Lower Upper
94 100
65 26.5 15.1 55.1
66 67.6 28.9 68.9



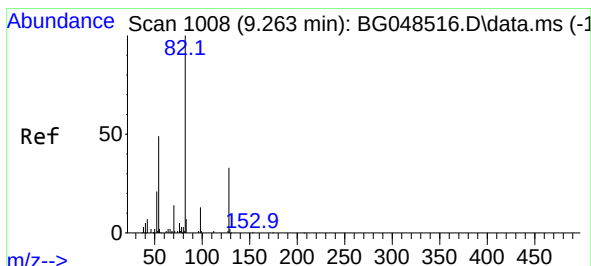
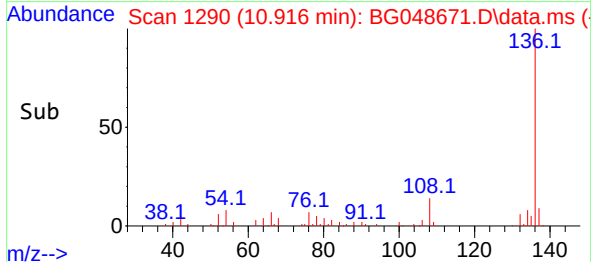
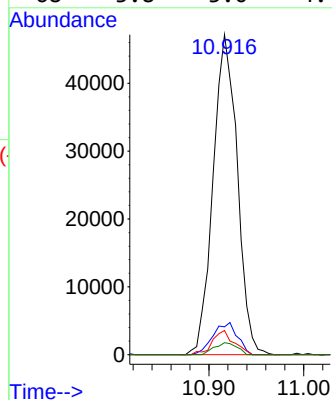


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.916 min Scan# 1290
Delta R.T. -0.010 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

Instrument :
BNA_G
ClientSampleId :
SED-1B

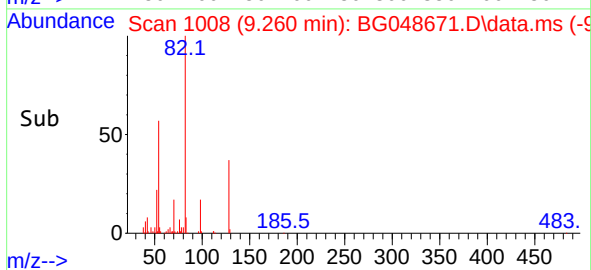
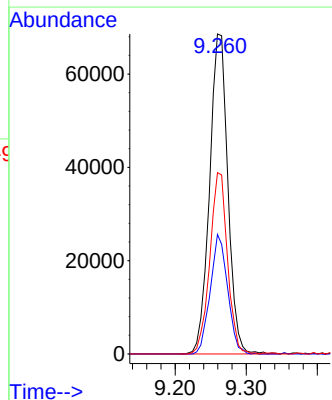
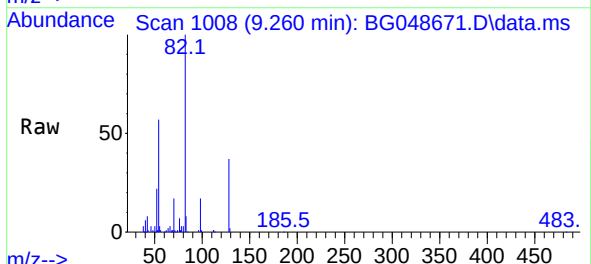


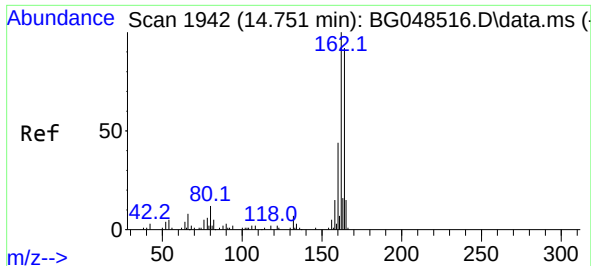
Tgt Ion:	136	Resp:	83761
Ion Ratio	100	Lower	Upper
136	100		
137	8.7	8.6	12.8
54	7.6	4.2	6.4#
68	3.8	3.0	4.4



#23
Nitrobenzene-d5
Concen: 70.86 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.004 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

Tgt Ion:	82	Resp:	122598
Ion Ratio	100	Lower	Upper
82	100		
128	37.3	26.2	39.4
54	56.7	38.9	58.3

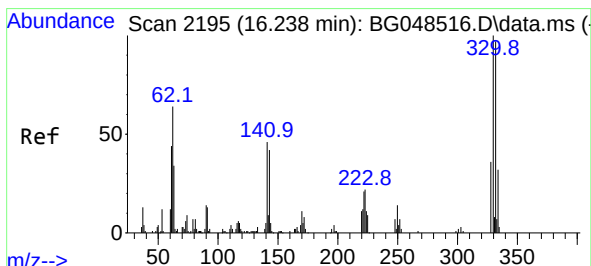
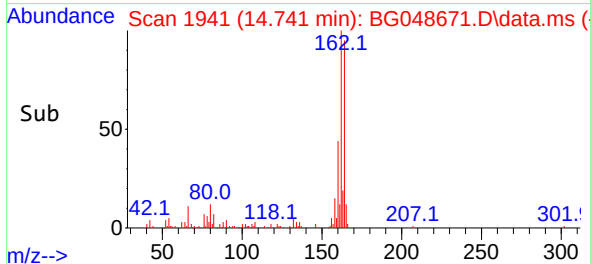
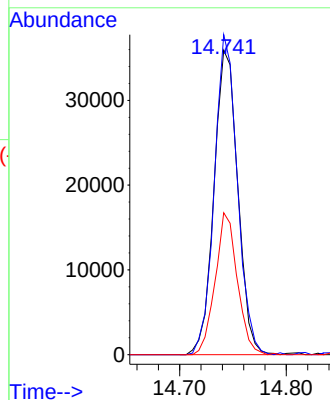
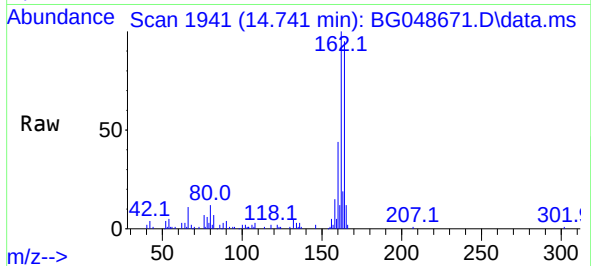




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.741 min Scan# 1941
Delta R.T. -0.010 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

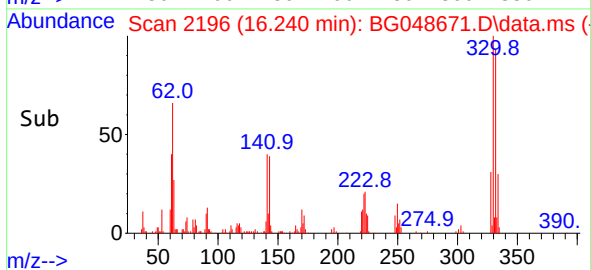
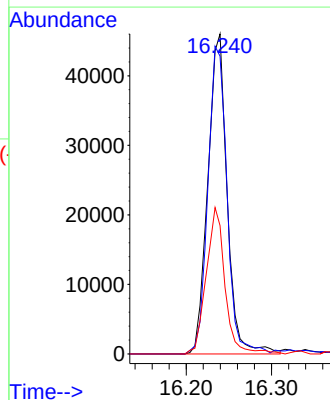
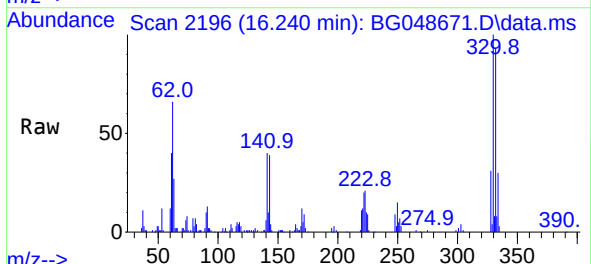
Instrument :
BNA_G
ClientSampleId :
SED-1B

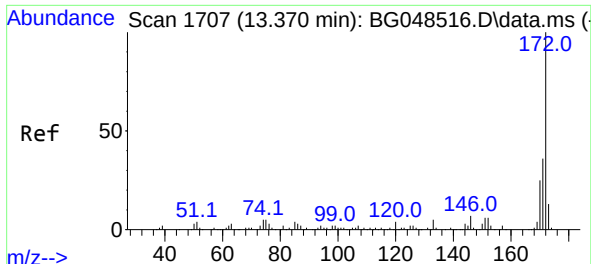
Tgt Ion:164	Resp:	55659
Ion Ratio	Lower	Upper
164	100	
162	105.1	87.0 130.6
160	46.6	38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 98.72 ng
RT: 16.240 min Scan# 2196
Delta R.T. 0.002 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

Tgt Ion:330	Resp:	72228
Ion Ratio	Lower	Upper
330	100	
332	95.3	77.6 116.4
141	44.6	34.6 52.0



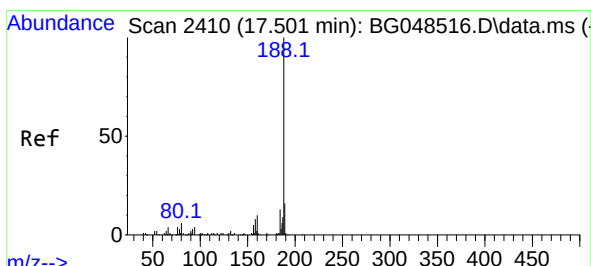
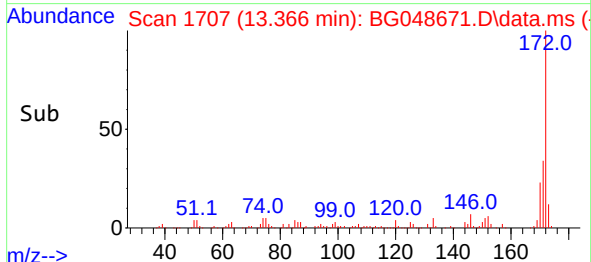
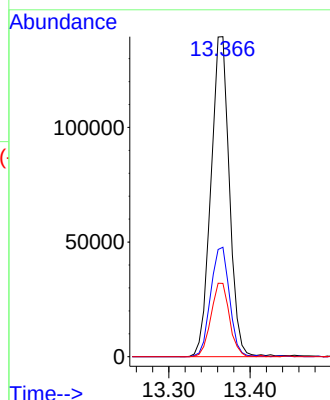
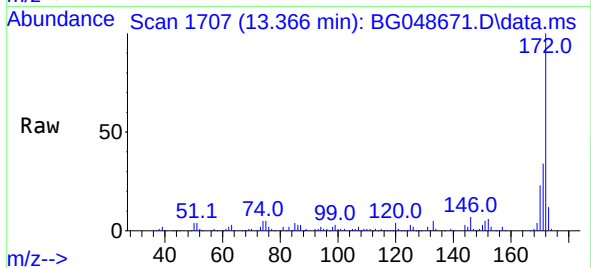


#45
2-Fluorobiphenyl
Concen: 58.87 ng
RT: 13.366 min Scan# 1707
Delta R.T. -0.004 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

Instrument :
BNA_G
ClientSampleId :
SED-1B

Tgt Ion:172 Resp: 220453

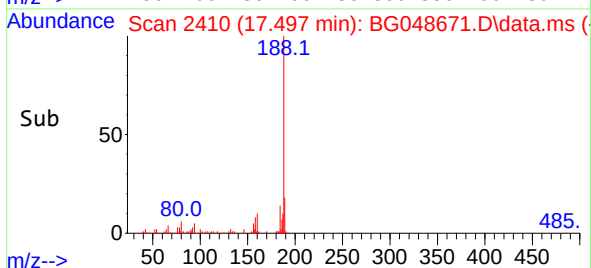
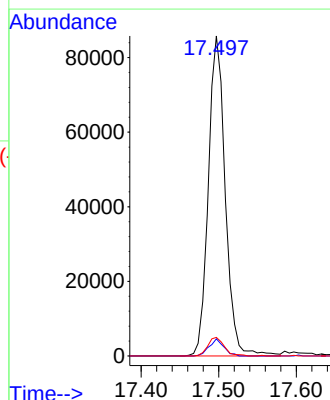
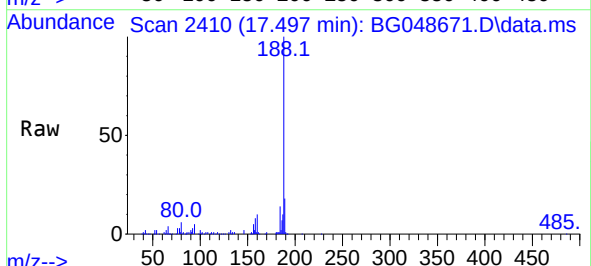
Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.5	42.7
170	22.9	19.8	29.6

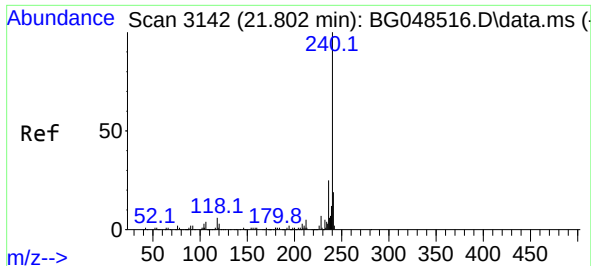


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.004 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

Tgt Ion:188 Resp: 130144

Ion	Ratio	Lower	Upper
188	100		
94	5.4	3.0	4.6#
80	5.8	4.5	6.7

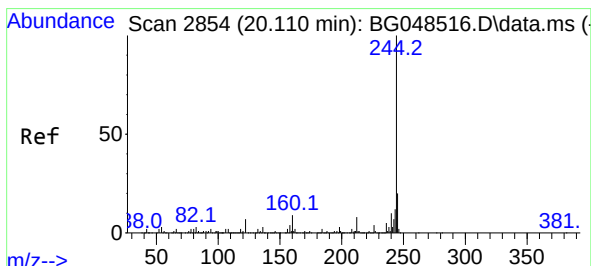
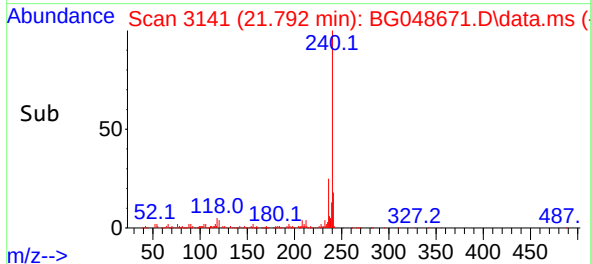
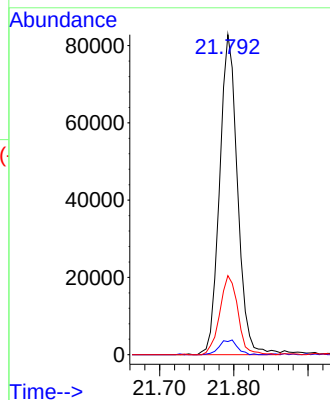
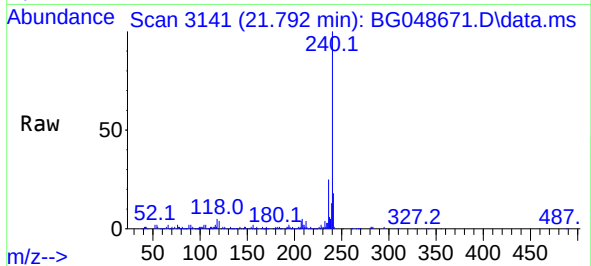




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.010 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

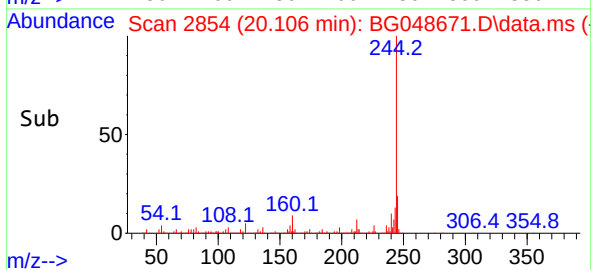
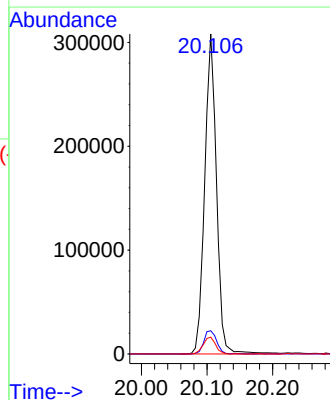
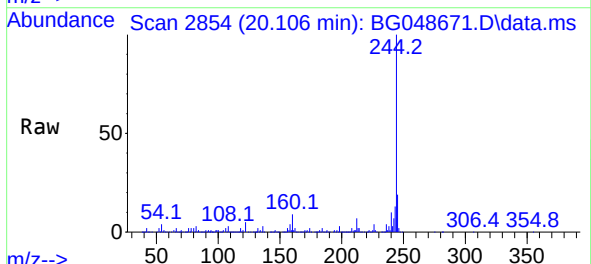
Instrument :
BNA_G
ClientSampleId :
SED-1B

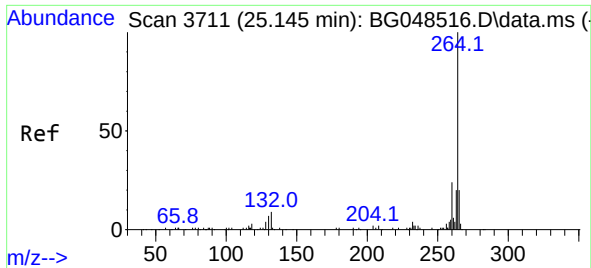
Tgt Ion:240 Resp: 139044
Ion Ratio Lower Upper
240 100
120 4.1 2.6 3.8#
236 24.7 19.8 29.6



#79
Terphenyl-d14
Concen: 50.71 ng
RT: 20.106 min Scan# 2854
Delta R.T. -0.004 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

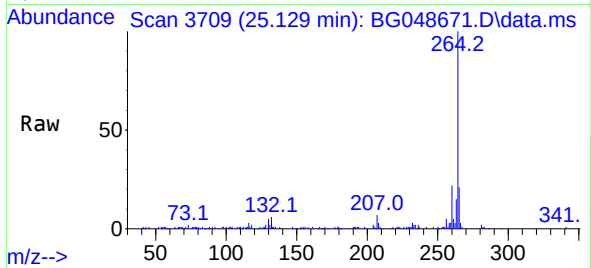
Tgt Ion:244 Resp: 385536
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 5.3 5.8 8.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.129 min Scan# 3709
Delta R.T. -0.016 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:264	Resp:	136889
Ion	Ratio	Lower Upper
264	100	
260	22.4	19.1 28.7
265	21.3	16.1 24.1

