

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
 Data File : BG048667.D
 Acq On : 12 Apr 2021 19:13
 Operator : CG/JU
 Sample : M1966-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-119

Quant Time: Apr 13 00:19:38 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)

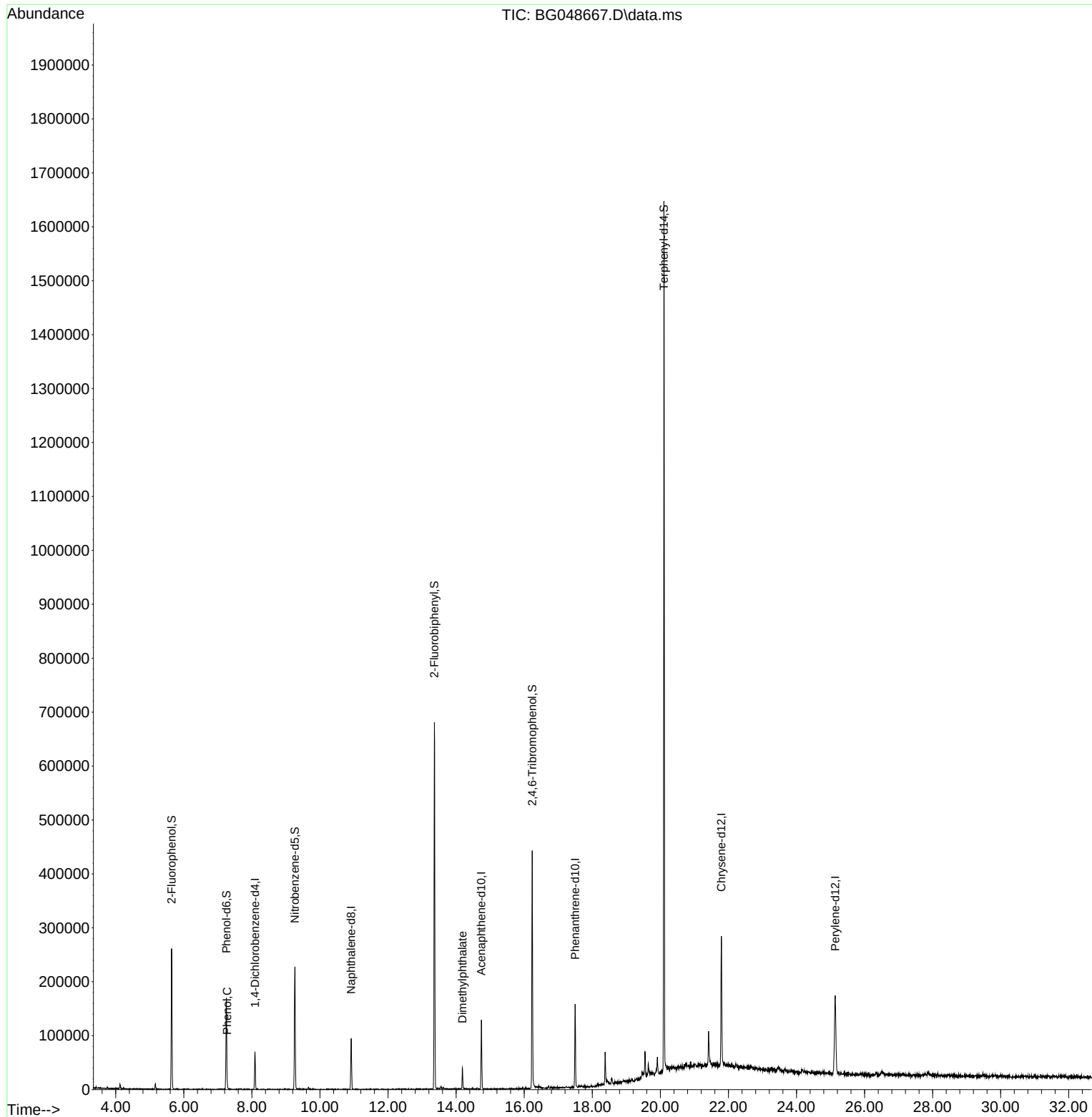
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	16685	20.00	ng	# 0.00
21) Naphthalene-d8	10.917	136	75005	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	43339	20.00	ng	# 0.00
64) Phenanthrene-d10	17.497	188	97166	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	158940	20.00	ng	# 0.00
86) Perylene-d12	25.135	264	160432	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	101969	107.90	ng	0.00
7) Phenol-d6	7.251	99	76992	56.17	ng	0.00
23) Nitrobenzene-d5	9.260	82	135872	87.70	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	77499	136.03	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	337747	115.83	ng	0.00
79) Terphenyl-d14	20.106	244	754156	86.77	ng	0.00
Target Compounds						
10) Phenol	7.274	94	3075	2.24	ng	Qvalue 83
50) Dimethylphthalate	14.184	163	23748	7.38	ng	96

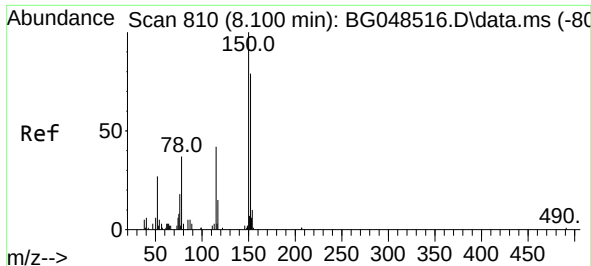
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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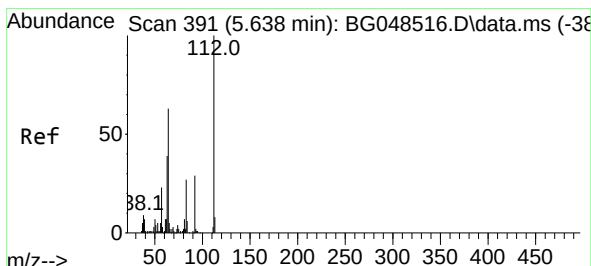
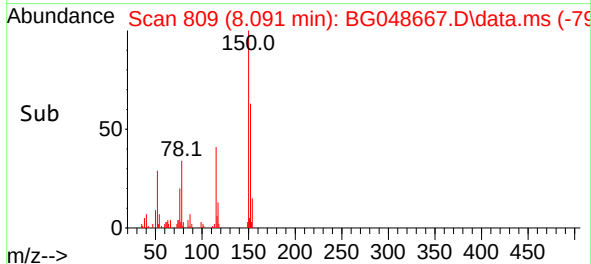
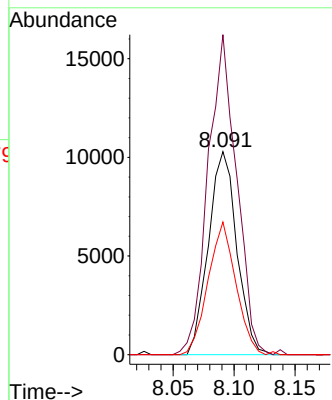
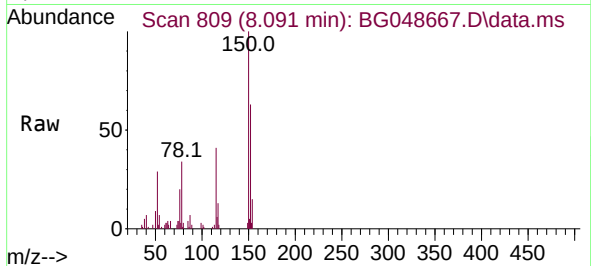




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.091 min Scan# 809
Delta R.T. -0.009 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

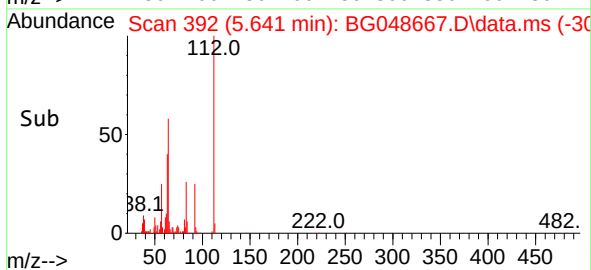
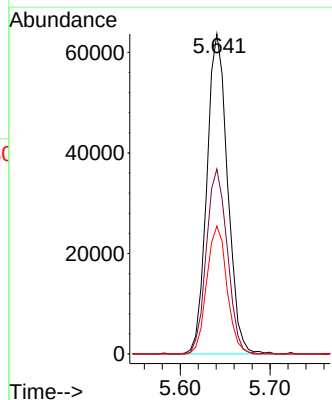
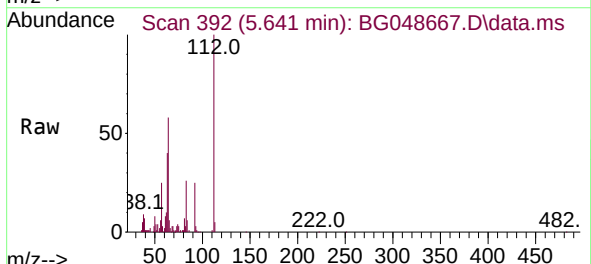
Instrument :
BNA_G
ClientSampleId :
MW-119

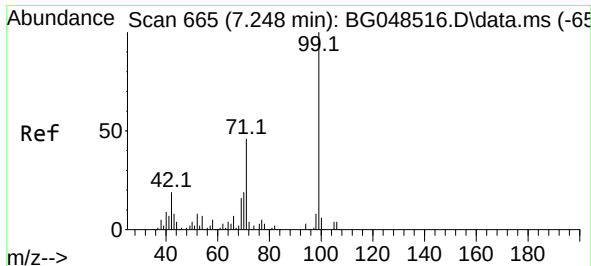
Tgt Ion:152 Resp: 16685
Ion Ratio Lower Upper
152 100
150 157.6 101.3 151.9#
115 65.3 42.3 63.5#



#5
2-Fluorophenol
Concen: 107.90 ng
RT: 5.641 min Scan# 392
Delta R.T. 0.002 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

Tgt Ion:112 Resp: 101969
Ion Ratio Lower Upper
112 100
64 57.8 50.4 75.6
63 39.9 31.4 47.2

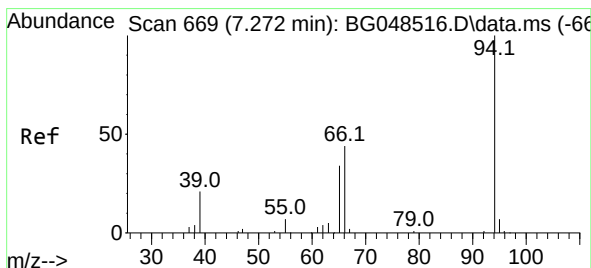
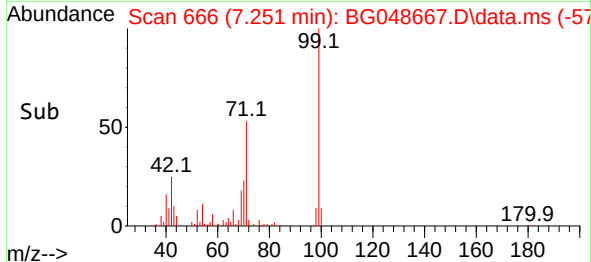
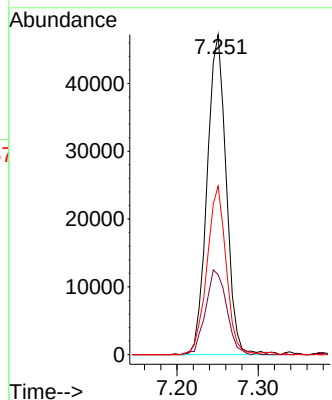
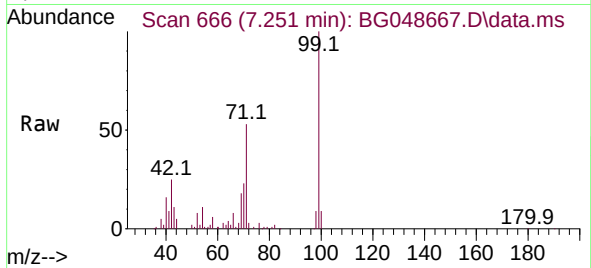




#7
Phenol-d6
Concen: 56.17 ng
RT: 7.251 min Scan# 666
Delta R.T. 0.002 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

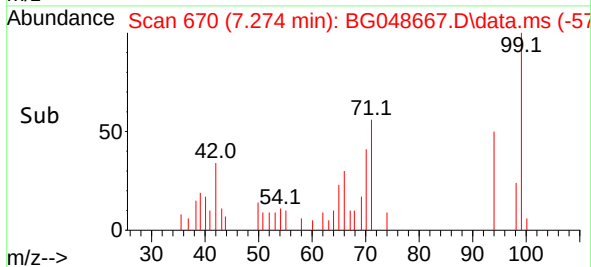
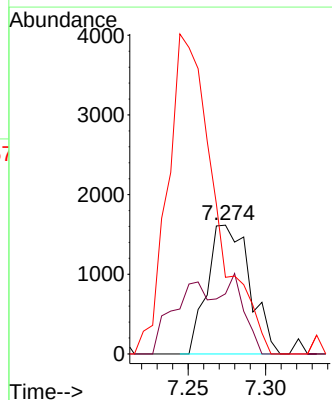
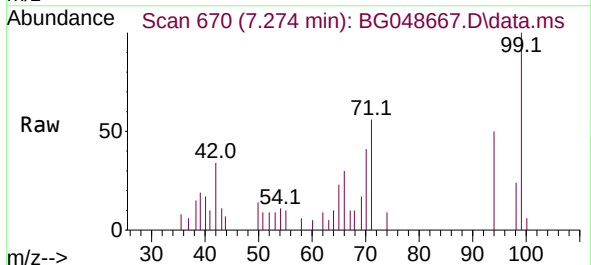
Instrument :
BNA_G
ClientSampleId :
MW-119

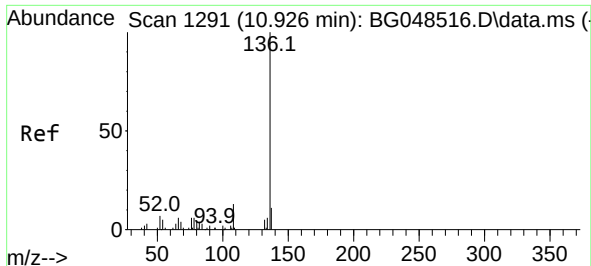
Tgt Ion: 99 Resp: 76992
Ion Ratio Lower Upper
99 100
42 25.0 15.5 23.3#
71 52.7 36.6 54.8



#10
Phenol
Concen: 2.24 ng
RT: 7.274 min Scan# 670
Delta R.T. 0.002 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

Tgt Ion: 94 Resp: 3075
Ion Ratio Lower Upper
94 100
65 46.7 15.1 55.1
66 59.5 28.9 68.9

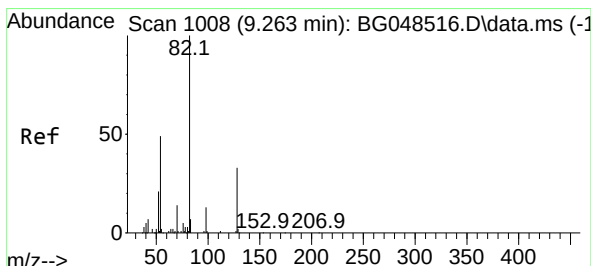
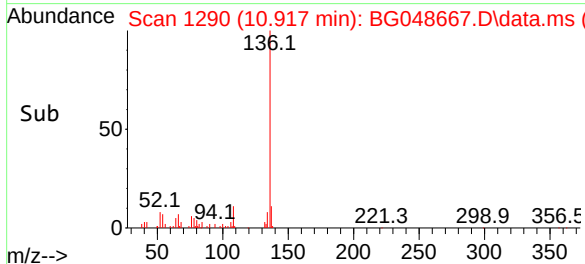
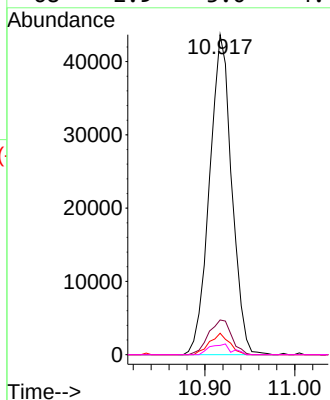
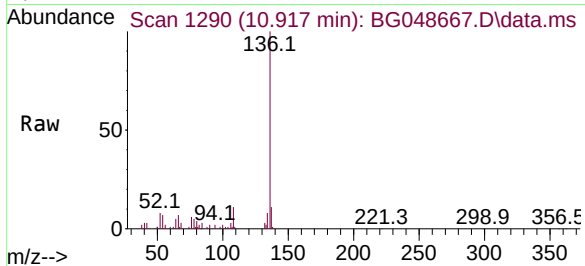




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

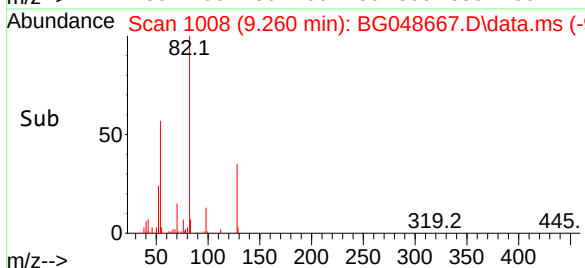
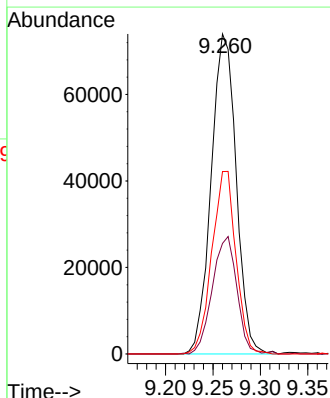
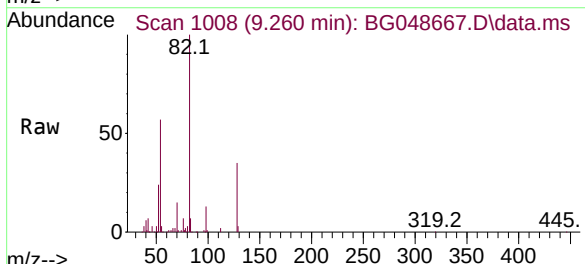
Instrument :
BNA_G
ClientSampleId :
MW-119

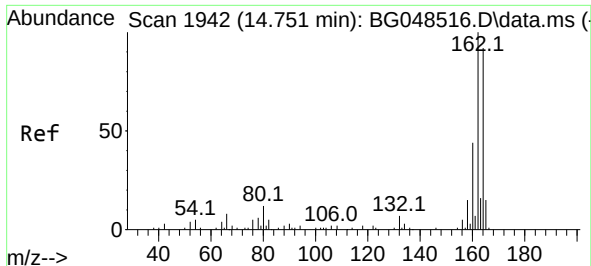
Tgt Ion:	136	Resp:	75005
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	12.8
54	6.7	4.2	6.4#
68	2.9	3.0	4.4#



#23
Nitrobenzene-d5
Concen: 87.70 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.004 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

Tgt Ion:	82	Resp:	135872
Ion Ratio	Lower	Upper	
82	100		
128	34.5	26.2	39.4
54	57.0	38.9	58.3

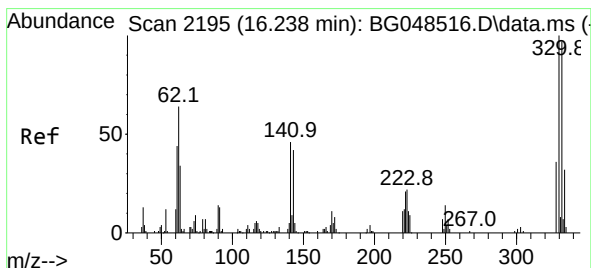
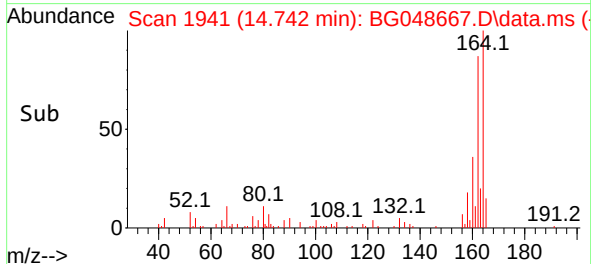
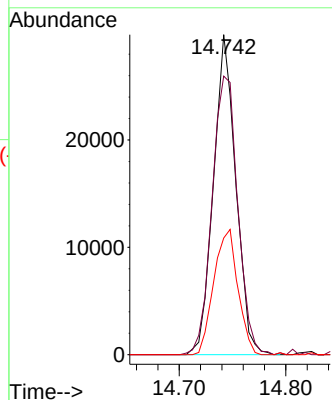
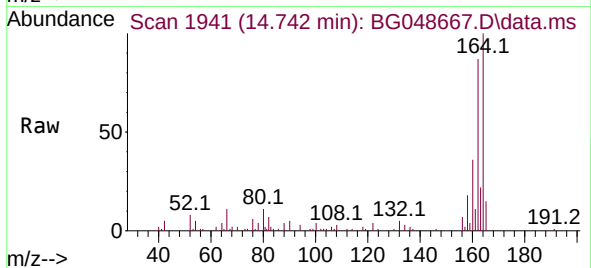




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

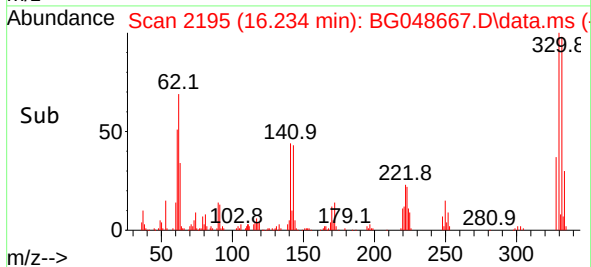
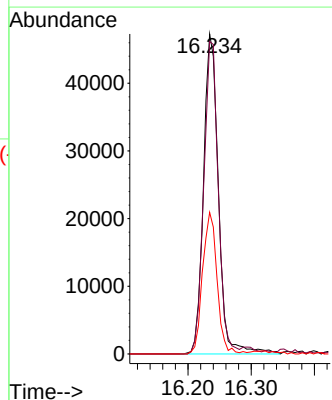
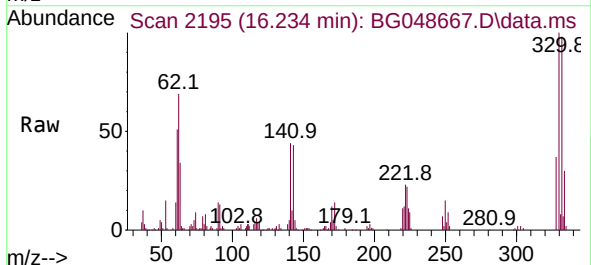
Instrument :
BNA_G
ClientSampleId :
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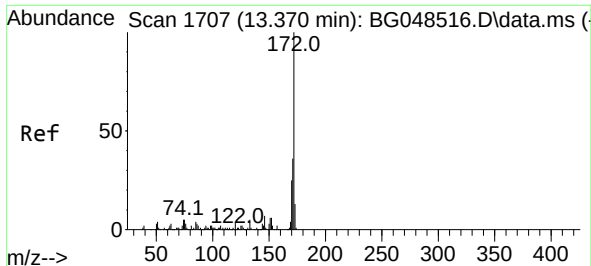
Tgt Ion:164 Resp: 43339
Ion Ratio Lower Upper
164 100
162 87.1 87.0 130.6
160 36.4 38.4 57.6#



#42
2,4,6-Tribromophenol
Concen: 136.03 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

Tgt Ion:330 Resp: 77499
Ion Ratio Lower Upper
330 100
332 94.6 77.6 116.4
141 42.7 34.6 52.0

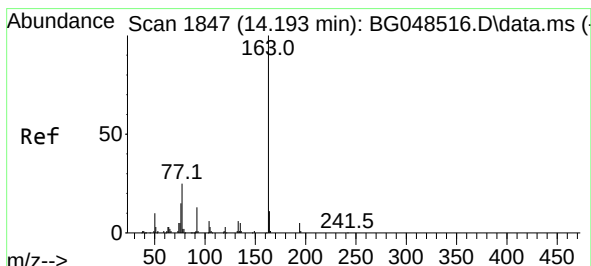
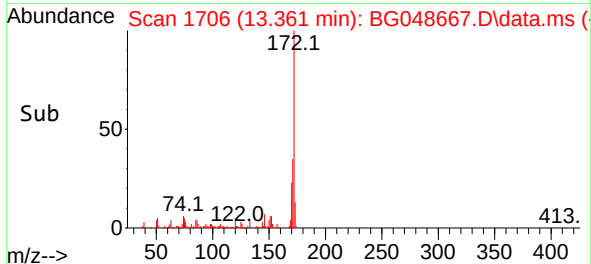
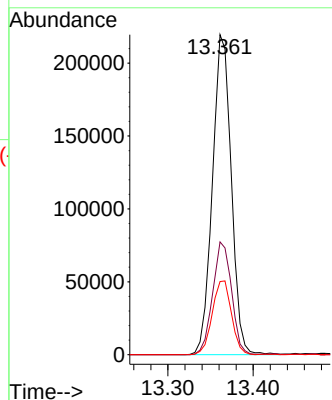
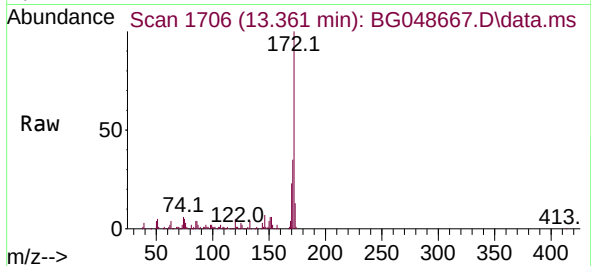




#45
2-Fluorobiphenyl
Concen: 115.83 ng
RT: 13.361 min Scan# 1706
Delta R.T. -0.009 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

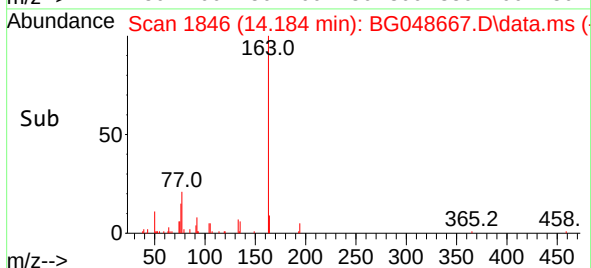
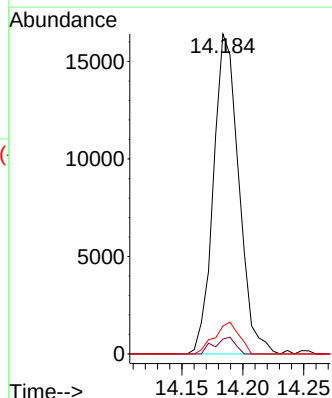
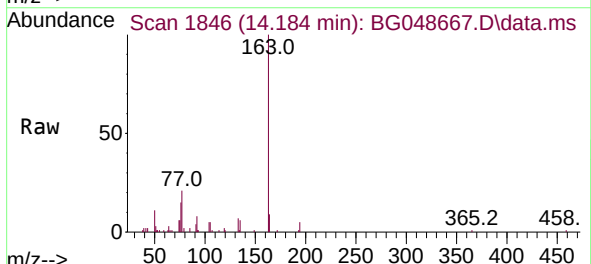
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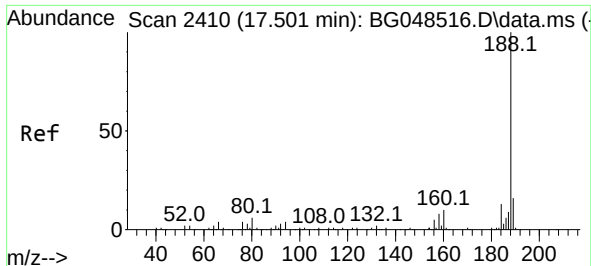
Tgt Ion:172	Resp:	337747
Ion Ratio	Lower	Upper
172	100	
171	35.2	28.5 42.7
170	22.8	19.8 29.6



#50
Dimethylphthalate
Concen: 7.38 ng
RT: 14.184 min Scan# 1846
Delta R.T. -0.009 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

Tgt Ion:163	Resp:	23748
Ion Ratio	Lower	Upper
163	100	
194	4.7	4.1 6.1
164	8.8	8.6 12.8

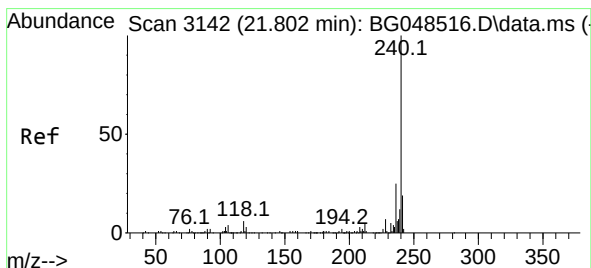
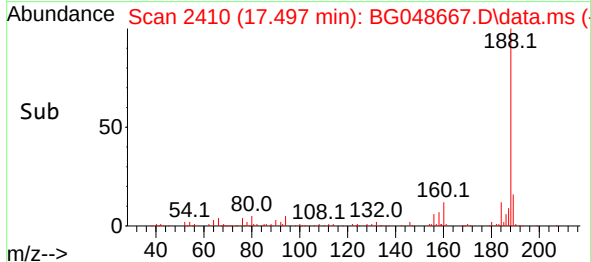
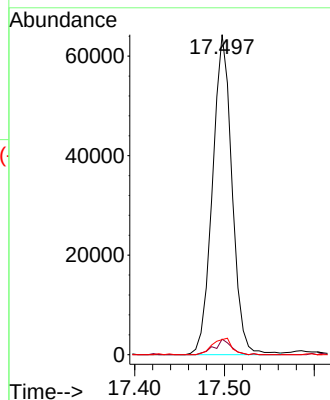
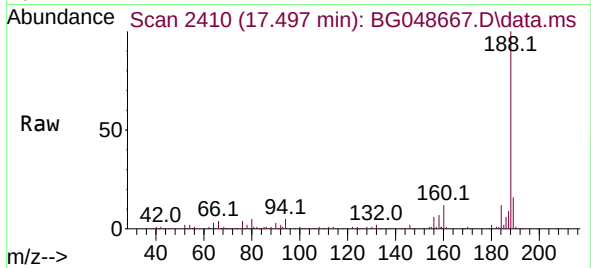




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.004 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

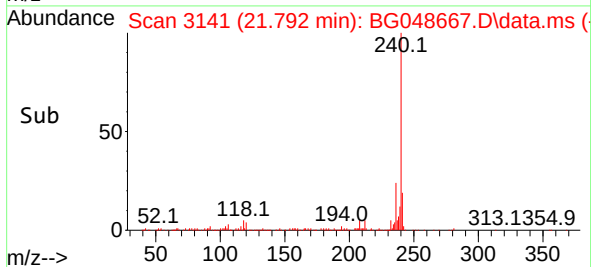
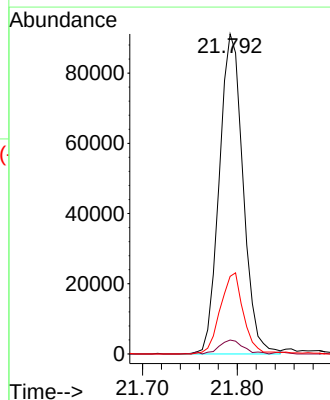
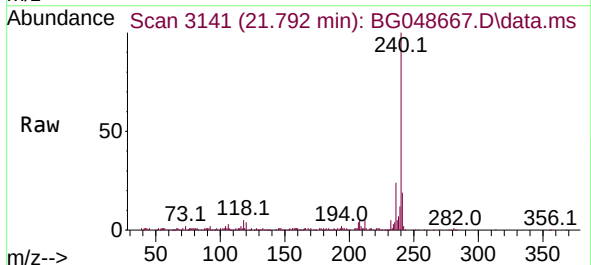
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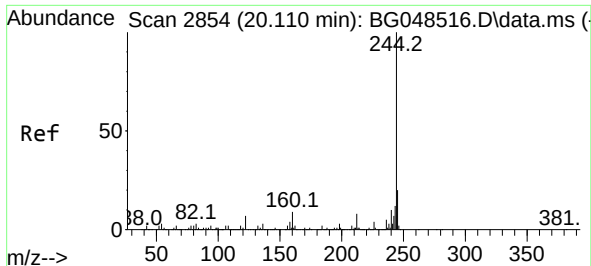
Tgt Ion:188 Resp: 97166
Ion Ratio Lower Upper
188 100
94 4.9 3.0 4.6#
80 4.7 4.5 6.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.009 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

Tgt Ion:240 Resp: 158940
Ion Ratio Lower Upper
240 100
120 4.3 2.6 3.8#
236 24.2 19.8 29.6

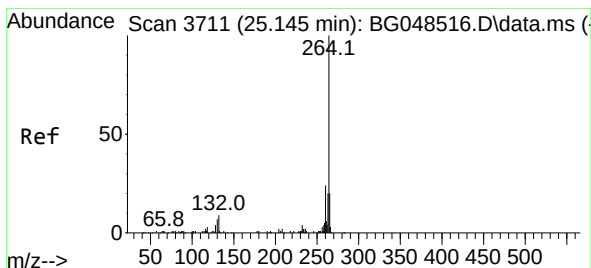
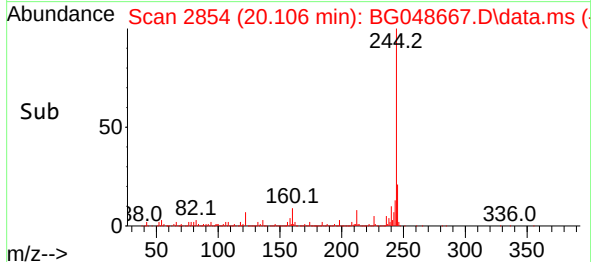
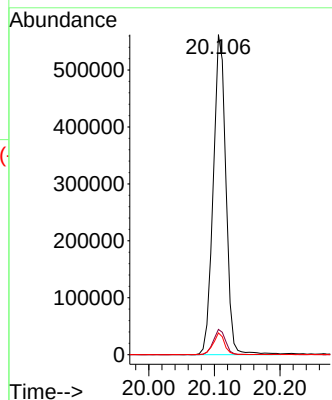
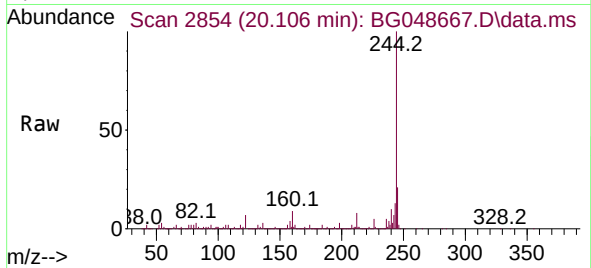




#79
Terphenyl-d14
Concen: 86.77 ng
RT: 20.106 min Scan# 2854
Delta R.T. -0.004 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:244	Resp:	754156
Ion Ratio	Lower	Upper
244	100	
212	7.9	6.0 9.0
122	6.8	5.8 8.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.135 min Scan# 3710
Delta R.T. -0.009 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

Tgt Ion:264	Resp:	160432
Ion Ratio	Lower	Upper
264	100	
260	24.9	19.1 28.7
265	20.2	16.1 24.1

