

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040721\
 Data File : BG048630.D
 Acq On : 7 Apr 2021 23:45
 Operator : CG/JU
 Sample : M1949-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AR-1

Quant Time: Apr 08 03:36:34 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)

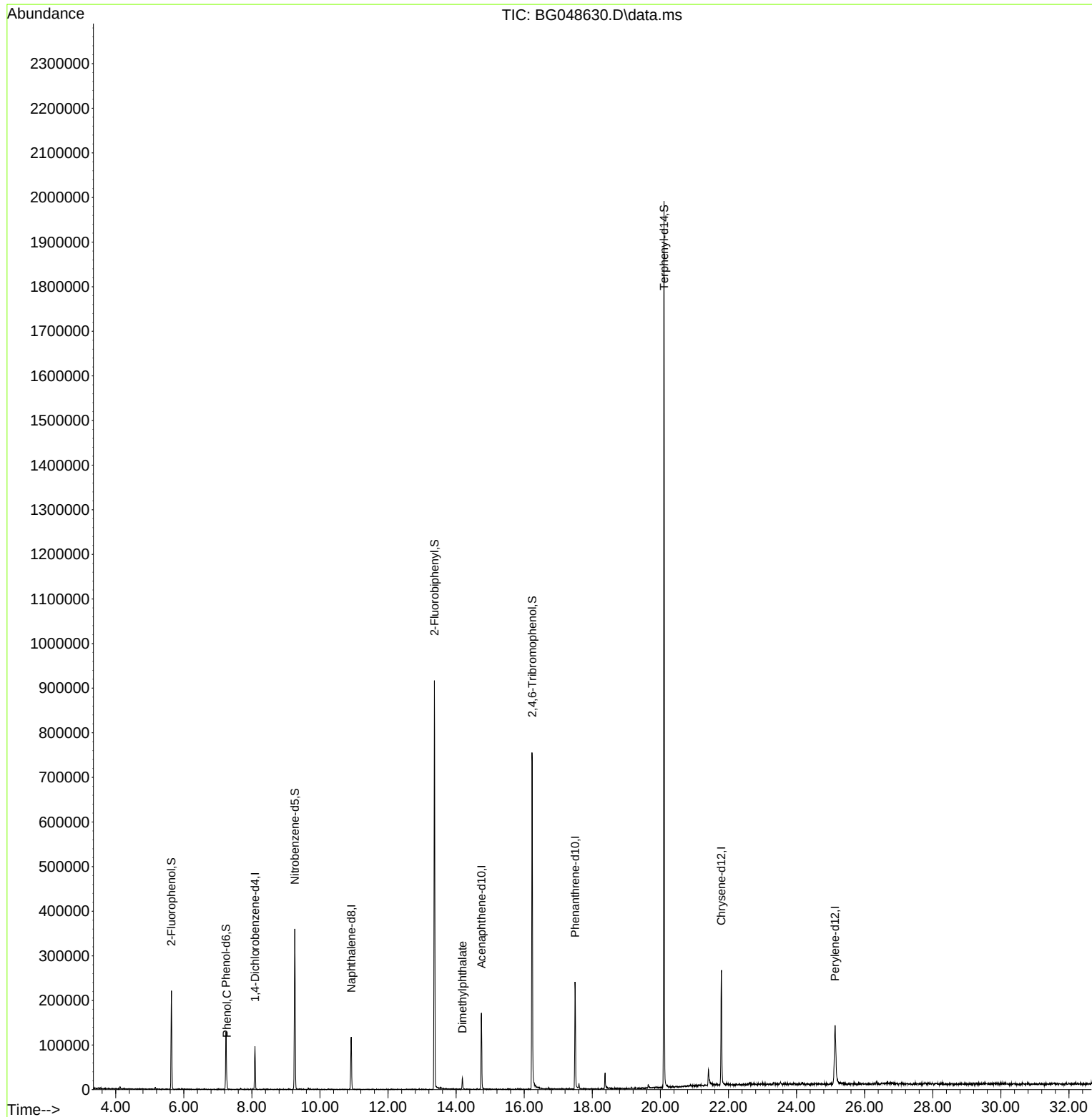
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.092	152	23842	20.00	ng	# 0.00
21) Naphthalene-d8	10.919	136	98638	20.00	ng	# 0.00
39) Acenaphthene-d10	14.743	164	62433	20.00	ng	0.00
64) Phenanthrene-d10	17.493	188	159901	20.00	ng	# 0.00
76) Chrysene-d12	21.794	240	172039	20.00	ng	# 0.00
86) Perylene-d12	25.131	264	164874	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.636	112	88291	65.38	ng	0.00
7) Phenol-d6	7.240	99	67231	34.33	ng	0.00
23) Nitrobenzene-d5	9.262	82	208787	102.48	ng	0.00
42) 2,4,6-Tribromophenol	16.236	330	142544	173.69	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	471250	112.19	ng	0.00
79) Terphenyl-d14	20.108	244	943991	100.35	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.270	94	4506	2.30	ng	91
50) Dimethylphthalate	14.185	163	15210	3.28	ng	# 88

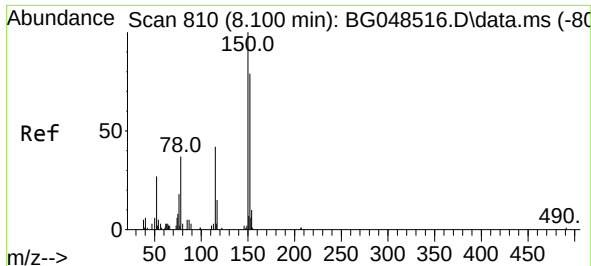
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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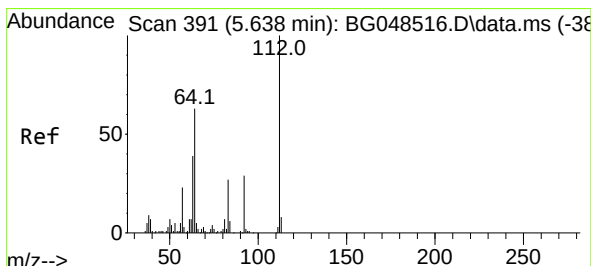
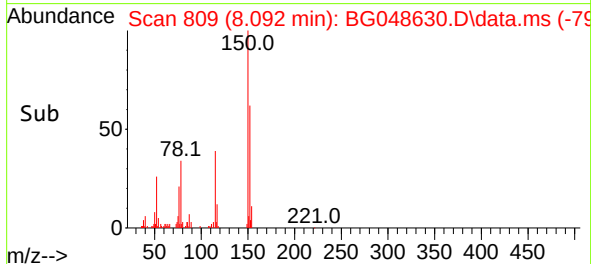
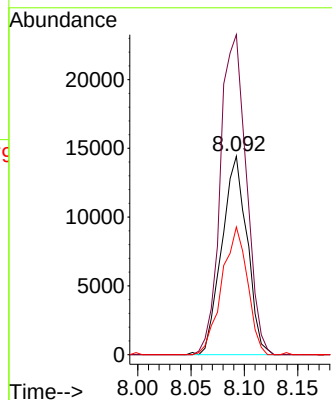
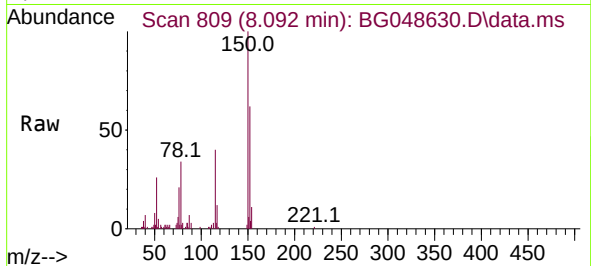




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.092 min Scan# 809
Delta R.T. -0.008 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

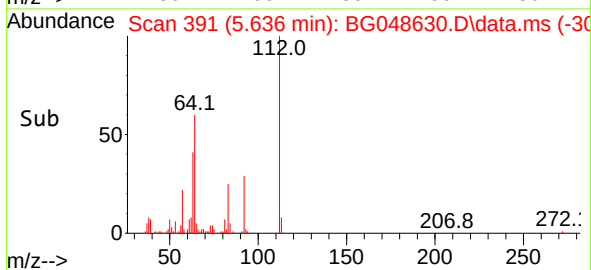
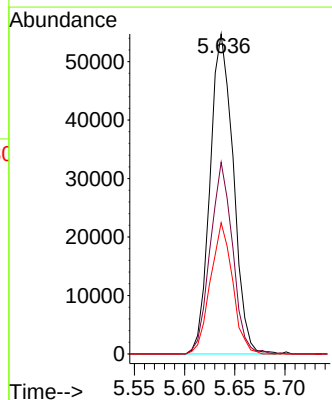
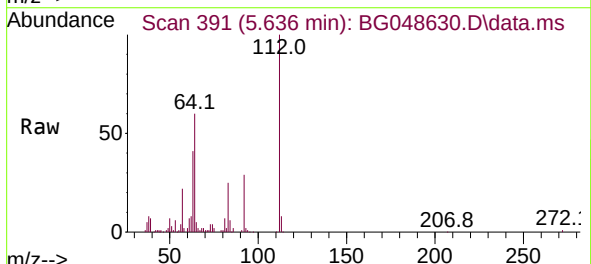
Instrument :
BNA_G
ClientSampleId :
AR-1

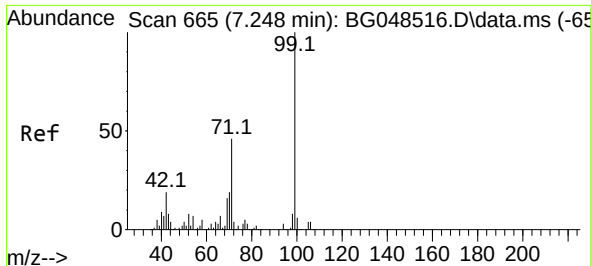
Tgt Ion:152 Resp: 23842
Ion Ratio Lower Upper
152 100
150 161.3 101.3 151.9#
115 64.4 42.3 63.5#



#5
2-Fluorophenol
Concen: 65.38 ng
RT: 5.636 min Scan# 391
Delta R.T. -0.002 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

Tgt Ion:112 Resp: 88291
Ion Ratio Lower Upper
112 100
64 59.9 50.4 75.6
63 41.0 31.4 47.2

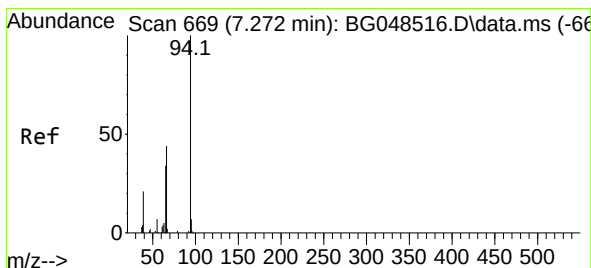
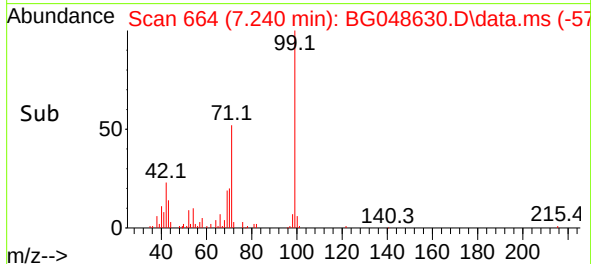
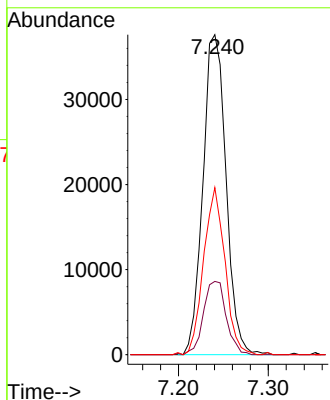
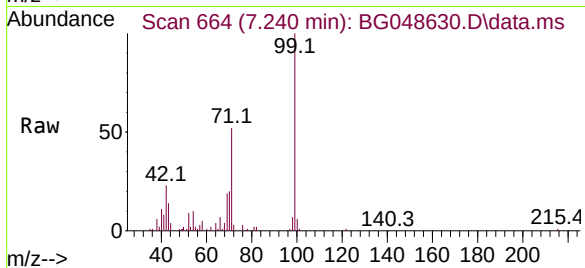




#7
Phenol-d6
Concen: 34.33 ng
RT: 7.240 min Scan# 664
Delta R.T. -0.008 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

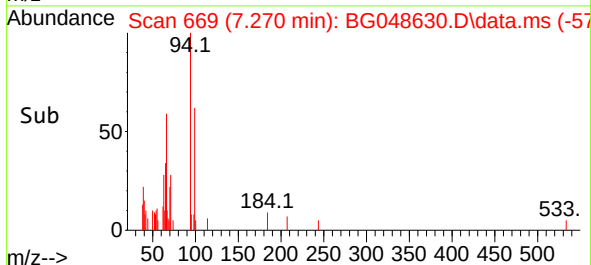
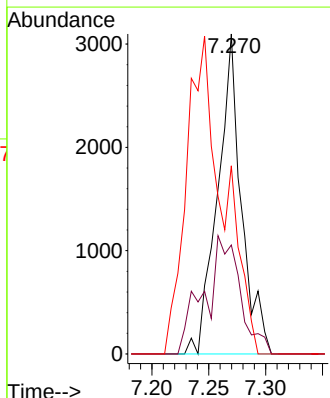
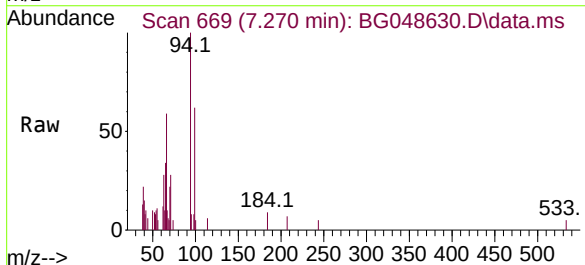
Instrument :
BNA_G
ClientSampled :
AR-1

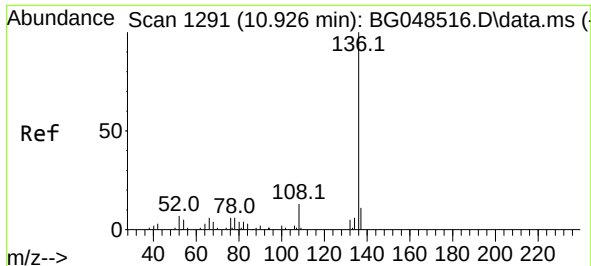
Tgt Ion: 99 Resp: 67231
Ion Ratio Lower Upper
99 100
42 22.9 15.5 23.3
71 52.2 36.6 54.8



#10
Phenol
Concen: 2.30 ng
RT: 7.270 min Scan# 669
Delta R.T. -0.002 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

Tgt Ion: 94 Resp: 4506
Ion Ratio Lower Upper
94 100
65 34.1 15.1 55.1
66 58.8 28.9 68.9

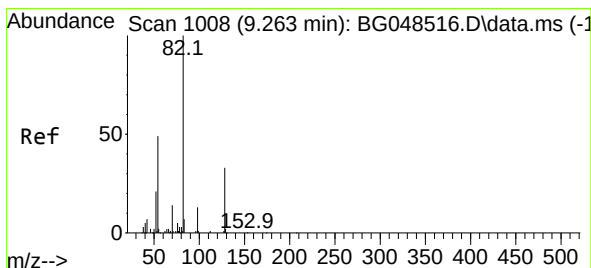
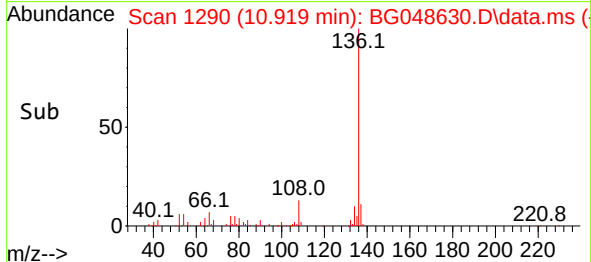
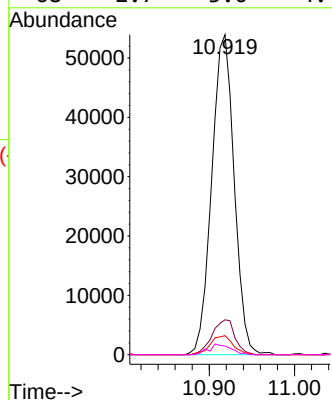
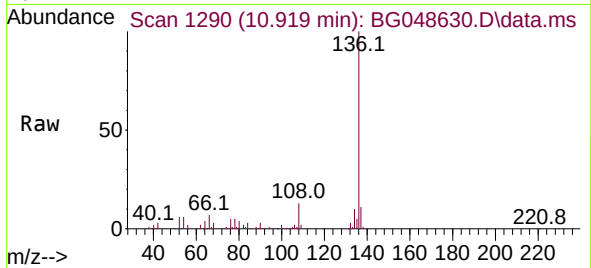




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.919 min Scan# 1290
Delta R.T. -0.008 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

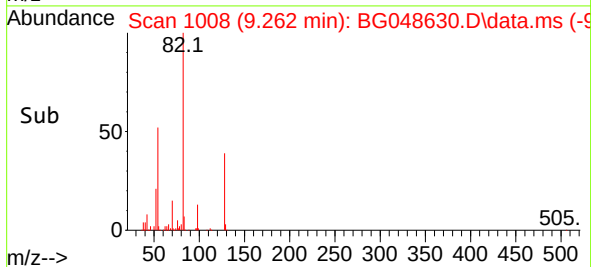
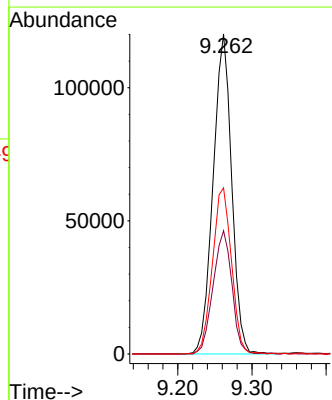
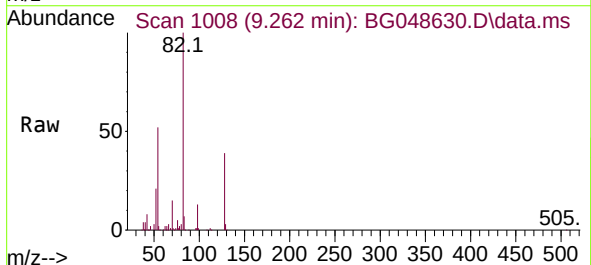
Instrument :
BNA_G
ClientSampleId :
AR-1

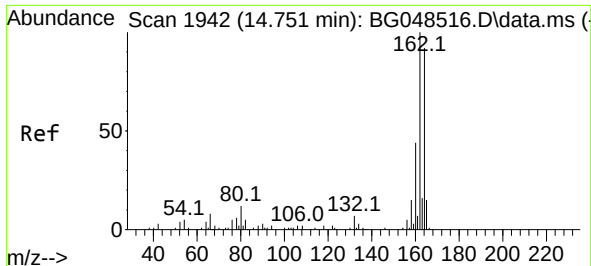
Tgt Ion:136	Resp:	98638
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.6 12.8
54	6.0	4.2 6.4
68	2.7	3.0 4.4#



#23
Nitrobenzene-d5
Concen: 102.48 ng
RT: 9.262 min Scan# 1008
Delta R.T. -0.002 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

Tgt Ion: 82	Resp:	208787
Ion Ratio	Lower	Upper
82	100	
128	38.5	26.2 39.4
54	51.9	38.9 58.3

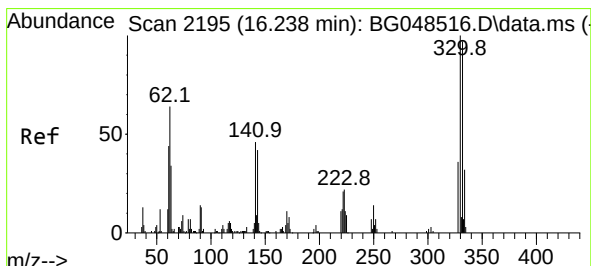
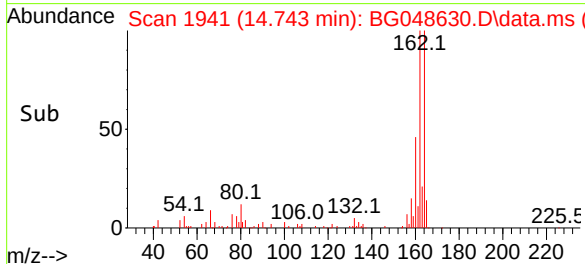
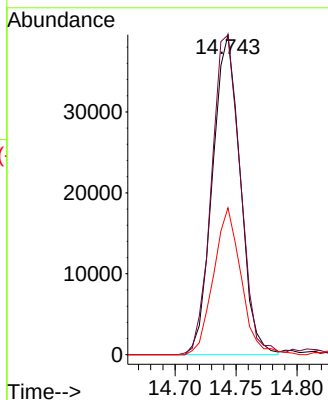
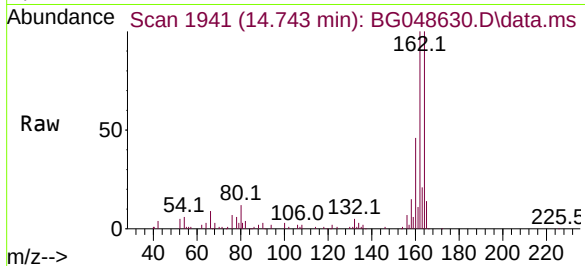




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.008 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

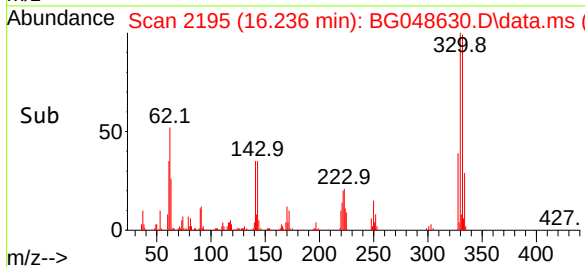
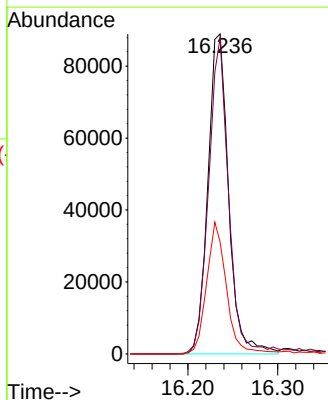
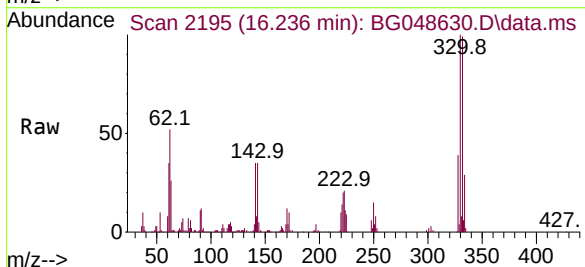
Instrument :
BNA_G
ClientSampled :
AR-1

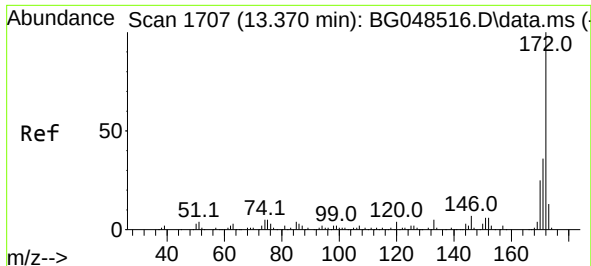
Tgt Ion:164 Resp: 62433
Ion Ratio Lower Upper
164 100
162 99.9 87.0 130.6
160 45.9 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 173.69 ng
RT: 16.236 min Scan# 2195
Delta R.T. -0.002 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

Tgt Ion:330 Resp: 142544
Ion Ratio Lower Upper
330 100
332 94.3 77.6 116.4
141 39.4 34.6 52.0

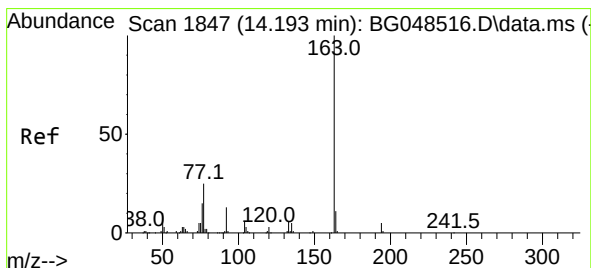
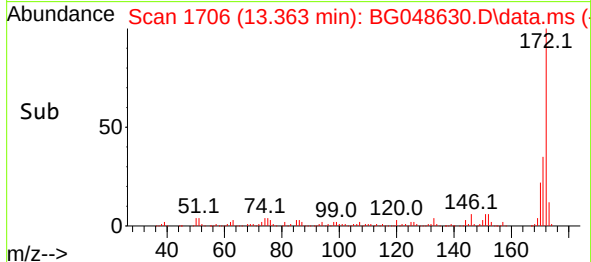
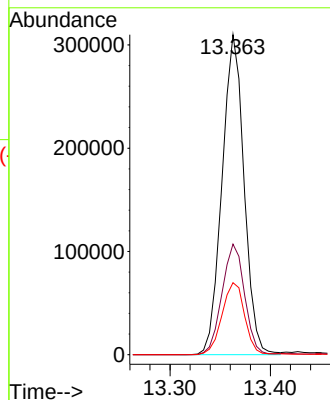
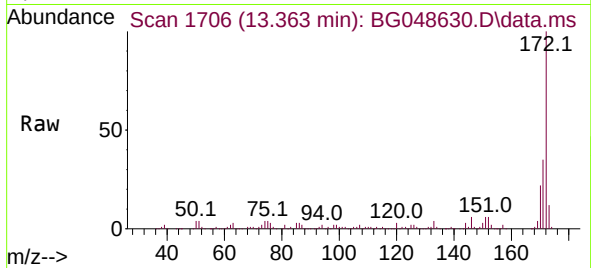




#45
2-Fluorobiphenyl
Concen: 112.19 ng
RT: 13.363 min Scan# 1706
Delta R.T. -0.008 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

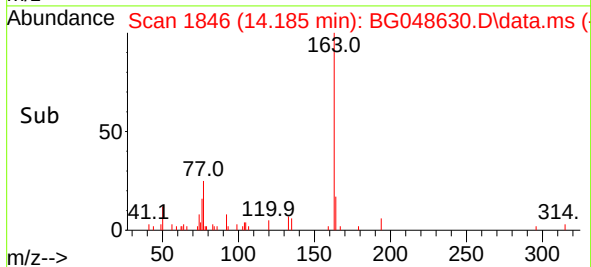
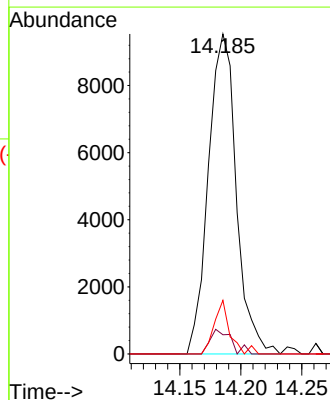
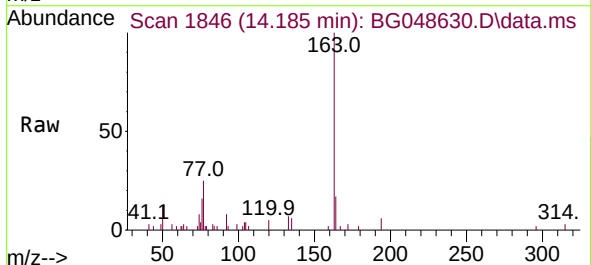
Instrument :
BNA_G
ClientSampled :
AR-1

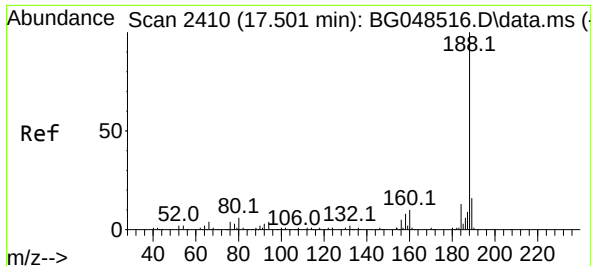
Tgt Ion:172	Resp:	471250	
Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	22.5	19.8	29.6



#50
Dimethylphthalate
Concen: 3.28 ng
RT: 14.185 min Scan# 1846
Delta R.T. -0.008 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

Tgt Ion:163	Resp:	15210	
Ion	Ratio	Lower	Upper
163	100		
194	6.0	4.1	6.1
164	16.8	8.6	12.8#

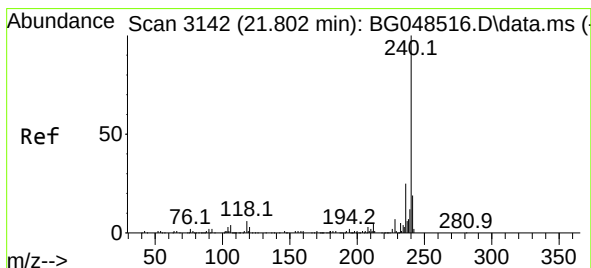
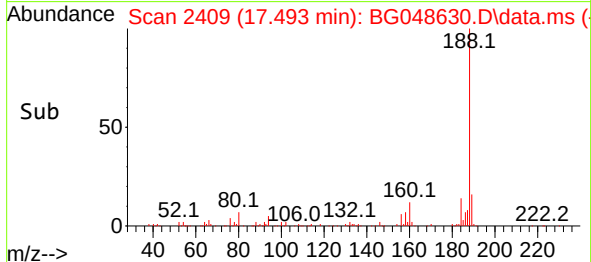
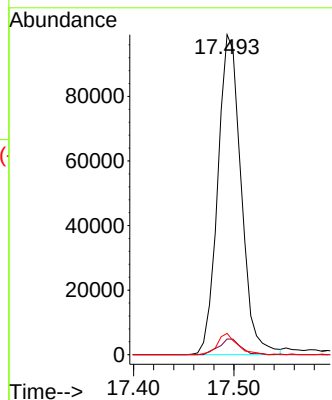
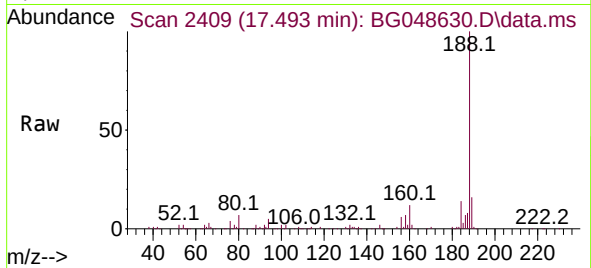




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.493 min Scan# 2409
Delta R.T. -0.008 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

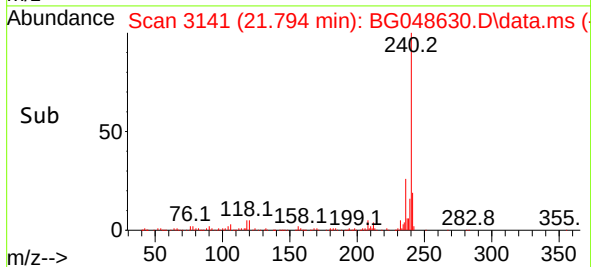
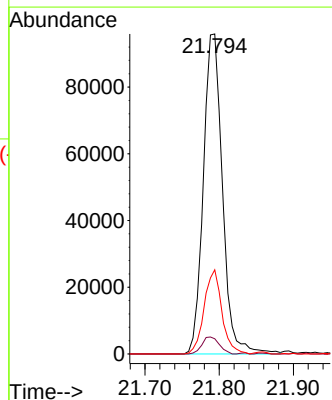
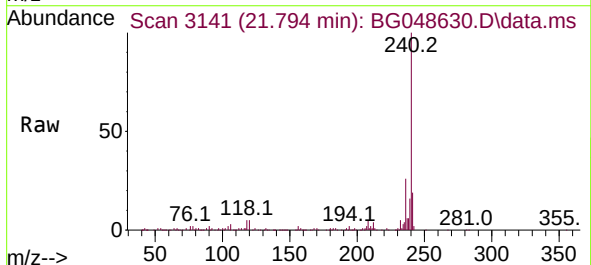
Instrument :
BNA_G
ClientSampled :
AR-1

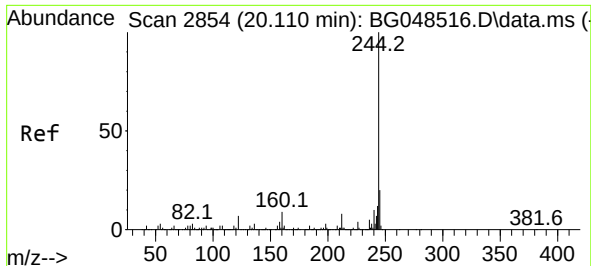
Tgt Ion:188 Resp: 159901
Ion Ratio Lower Upper
188 100
94 4.9 3.0 4.6#
80 6.7 4.5 6.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.794 min Scan# 3141
Delta R.T. -0.008 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

Tgt Ion:240 Resp: 172039
Ion Ratio Lower Upper
240 100
120 4.7 2.6 3.8#
236 26.3 19.8 29.6

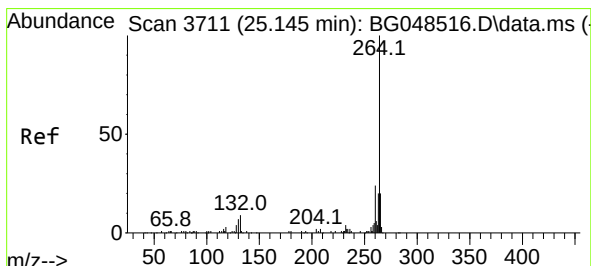
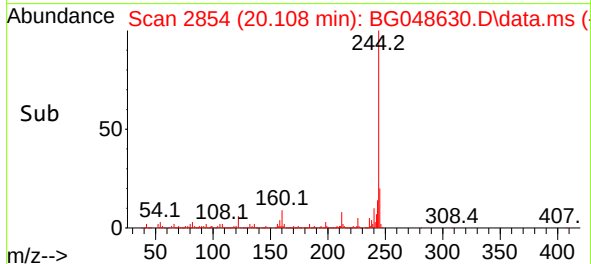
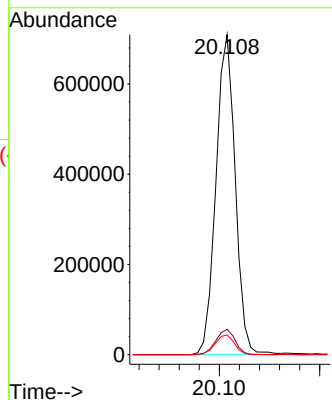
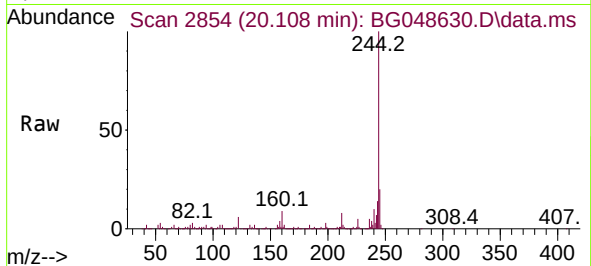




#79
Terphenyl-d14
Concen: 100.35 ng
RT: 20.108 min Scan# 2854
Delta R.T. -0.002 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

Instrument :
BNA_G
ClientSampled :
AR-1

Tgt Ion:244 Resp: 943991
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 6.2 5.8 8.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.131 min Scan# 3709
Delta R.T. -0.014 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

Tgt Ion:264 Resp: 164874
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 22.0 16.1 24.1

