

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
 Data File : BG044117.D
 Acq On : 21 Jan 2020 3:31
 Operator : JU
 Sample : L1176-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP-4

Quant Time: Jan 21 07:31:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

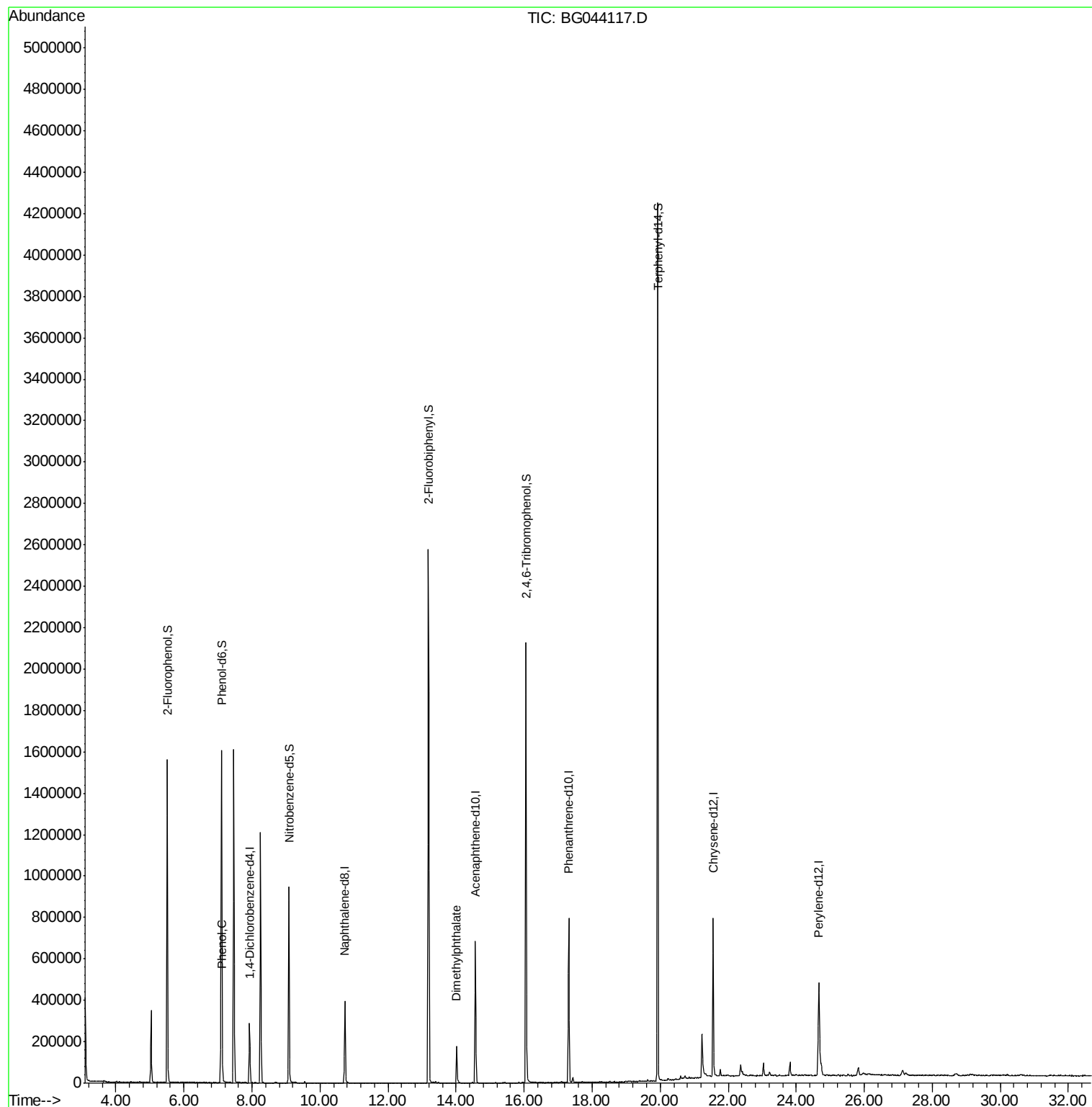
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	83523	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	362958	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	253552	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	514674	20.00	ng	-0.02
76) Chrysene-d12	21.55	240	436979	20.00	ng	-0.03
87) Perylene-d12	24.67	264	480503	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	725833	159.56	ng	-0.03
7) Phenol-d6	7.11	99	1048447	164.89	ng	-0.02
23) Nitrobenzene-d5	9.09	82	610925	90.04	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	403051	151.90	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1441859	103.03	ng	-0.03
79) Terphenyl-d14	19.93	244	1978240	121.32	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	38913	5.940	ng	99
50) Dimethylphthalate	14.02	163	139683	7.759	ng	96

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

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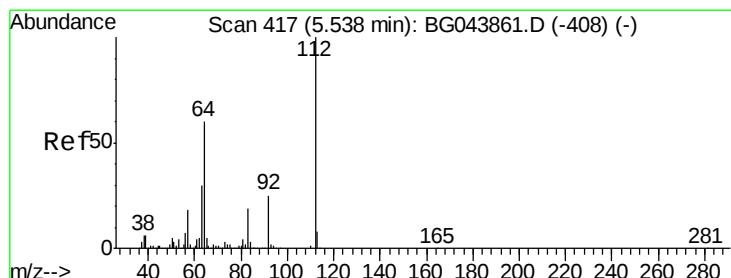
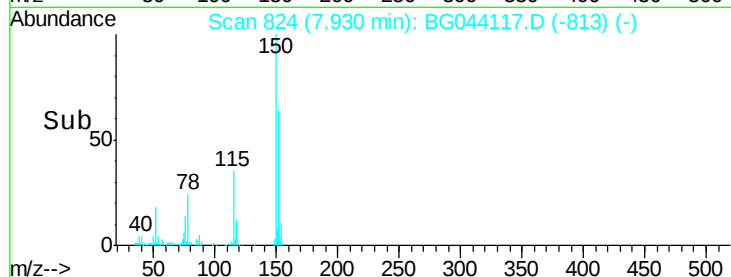
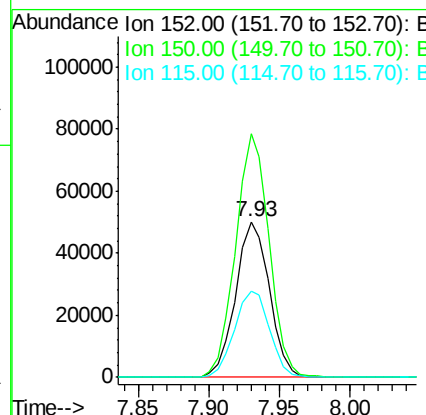
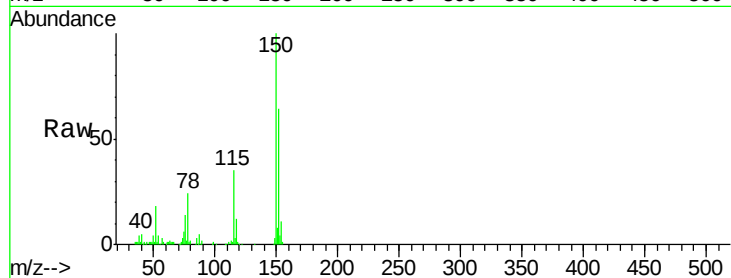


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044117.D
Acq: 21 Jan 2020 3:31

Instrument :
BNA_G
ClientSampleId :
EP-4

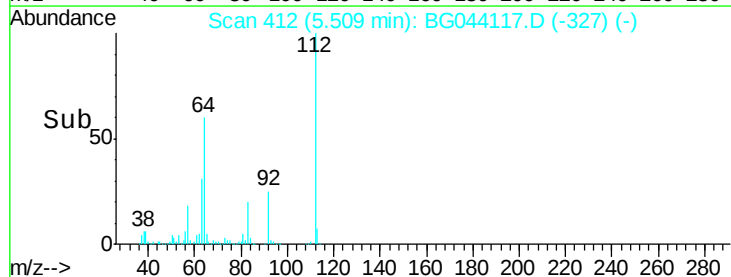
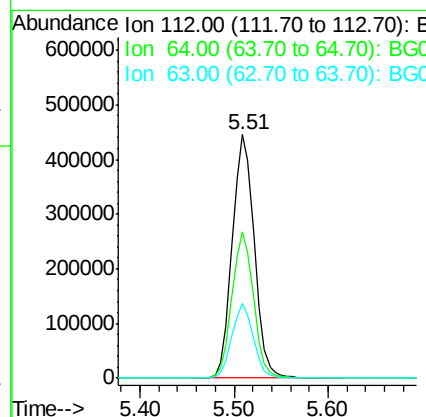
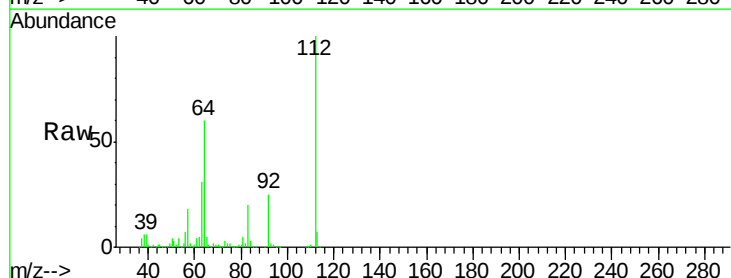
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	127.0	190.4
115	55.3	47.8	71.8

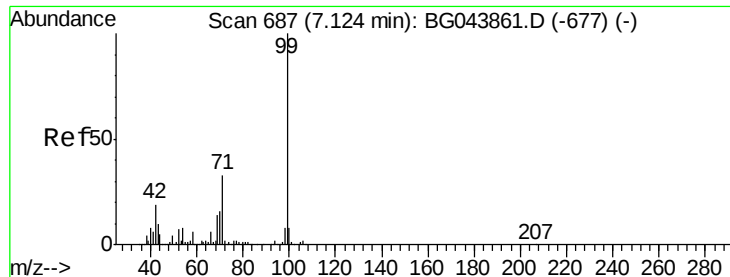


#5

2-Fluorophenol
Concen: 159.563 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044117.D
Acq: 21 Jan 2020 3:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.8	71.6
63	30.8	24.3	36.5





#7

Phenol-d6

Concen: 164.889 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

Lab File: BG044117.D

Acq: 21 Jan 2020 3:31

Instrument :

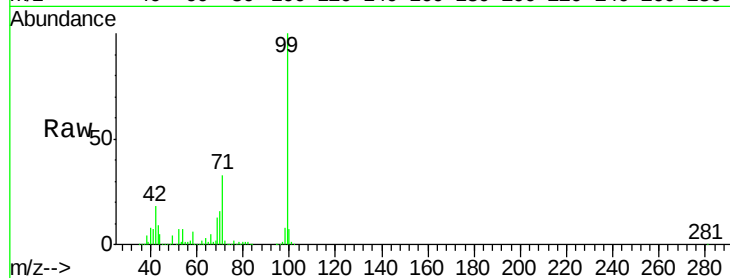
BNA_G

ClientSampleId :

EP-4

Tot Ion: 99 Resp: 1048447

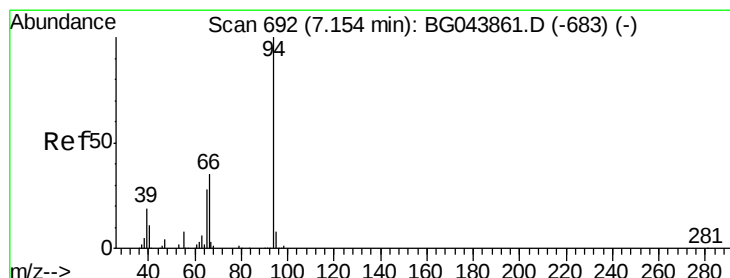
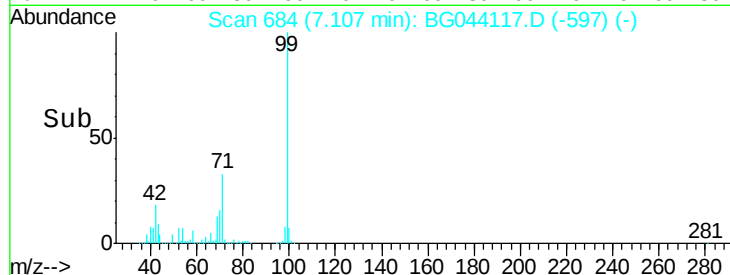
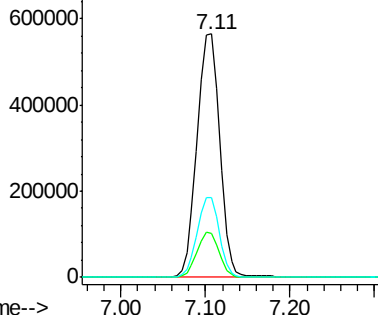
Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.9	22.3
71	32.9	26.4	39.6



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 5.940 ng

RT: 7.13 min Scan# 688

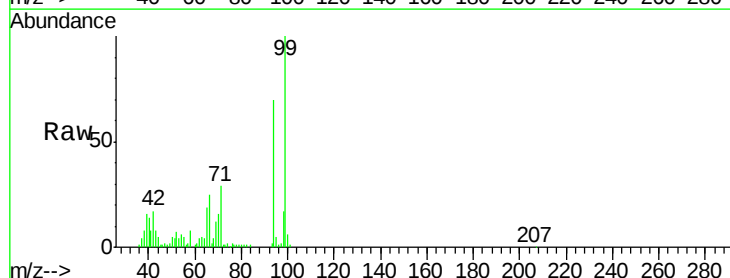
Delta R.T. -0.02 min

Lab File: BG044117.D

Acq: 21 Jan 2020 3:31

Tgt Ion: 94 Resp: 38913

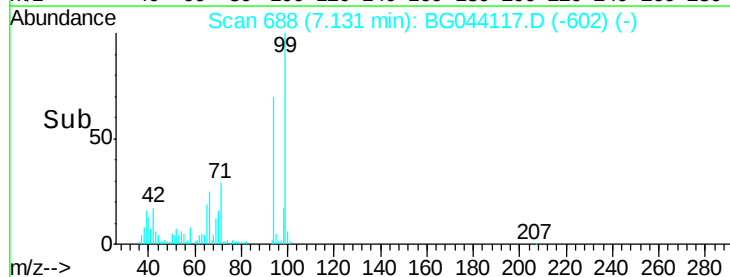
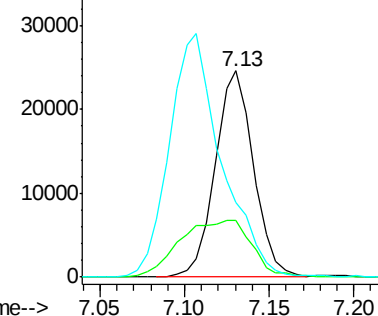
Ion	Ratio	Lower	Upper
94	100		
65	27.4	8.1	48.1
66	36.1	15.6	55.6



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

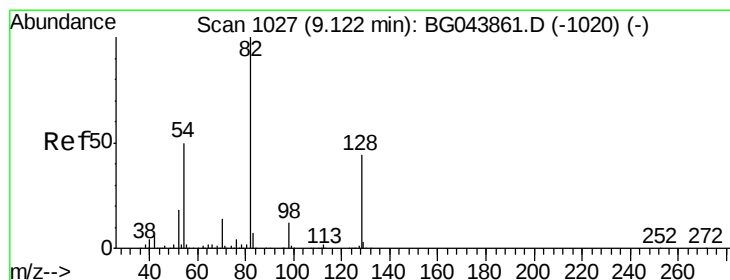
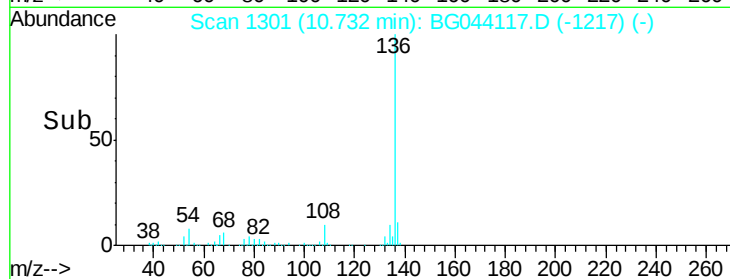
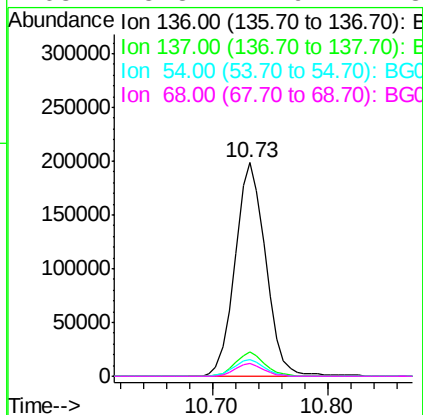
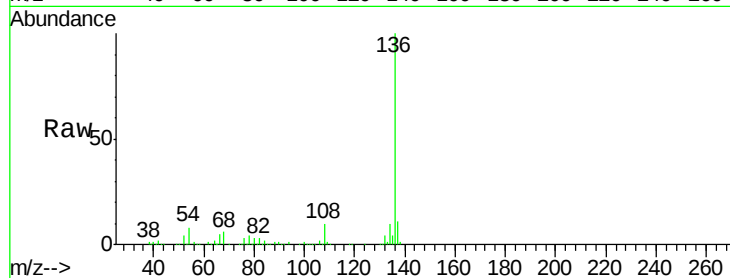




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044117.D
Acq: 21 Jan 2020 3:31

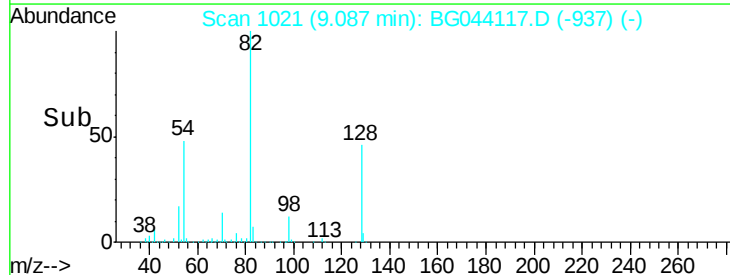
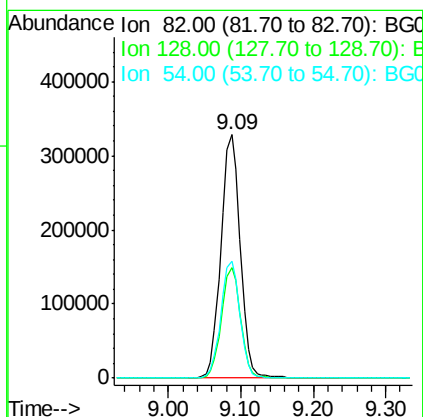
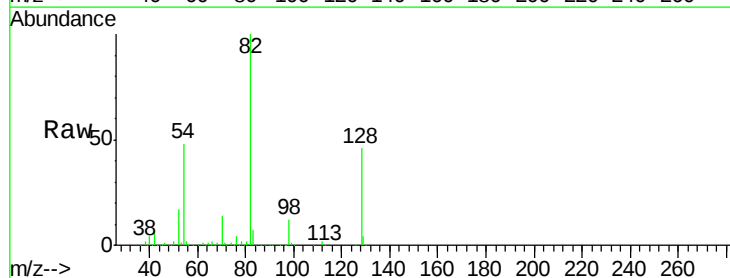
Instrument :
BNA_G
ClientSampleId :
EP-4

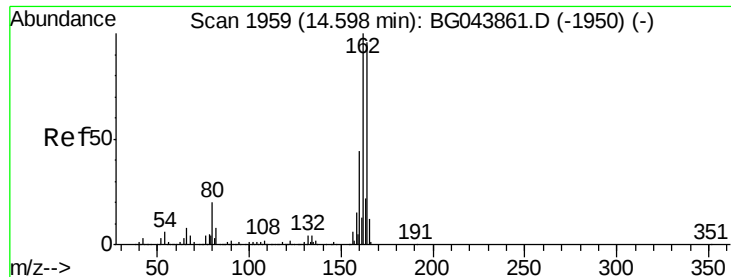
Tot Ion:136	Resp:	362958	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	8.8	13.2	
54 7.6	7.0	10.4	
68 5.8	4.9	7.3	



#23
Nitrobenzene-d5
Concen: 90.043 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044117.D
Acq: 21 Jan 2020 3:31

Tgt	Ion: 82	Resp:	610925
Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.1	52.7
54	48.2	40.1	60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044117.D

Acq: 21 Jan 2020 3:31

Instrument :

BNA_G

ClientSampleId :

EP-4

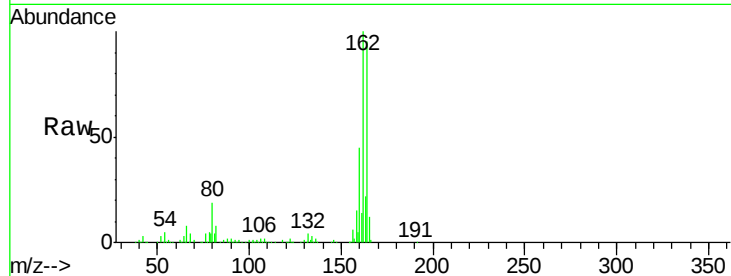
Tot Ion:164 Resp: 253552

Ion Ratio Lower Upper

164 100

162 105.2 83.0 124.4

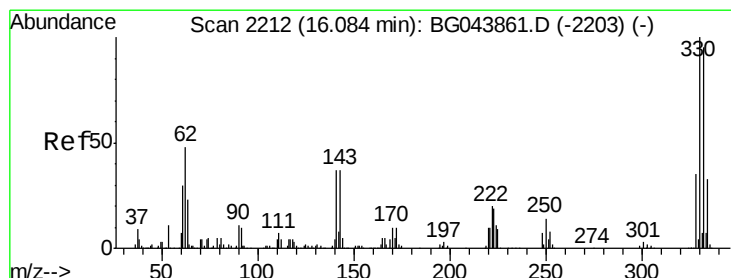
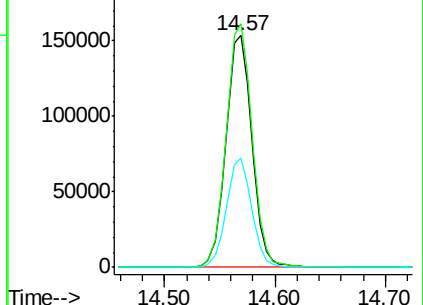
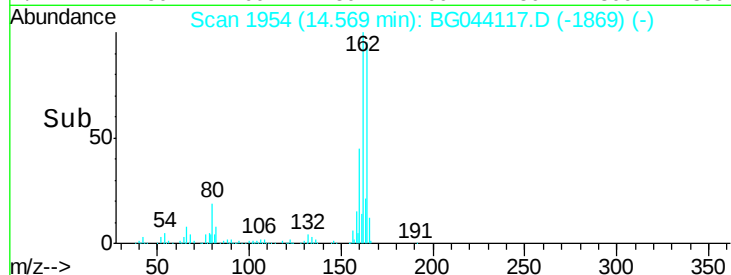
160 47.4 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 151.902 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044117.D

Acq: 21 Jan 2020 3:31

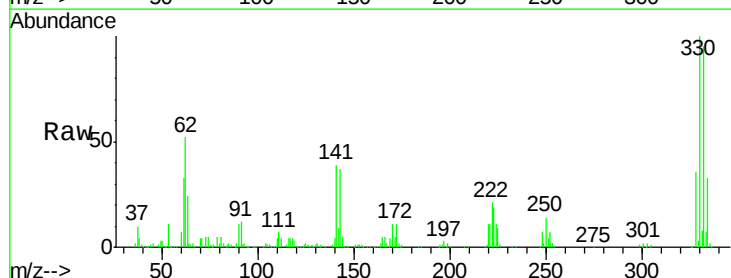
Tgt Ion:330 Resp: 403051

Ion Ratio Lower Upper

330 100

332 94.6 77.2 115.8

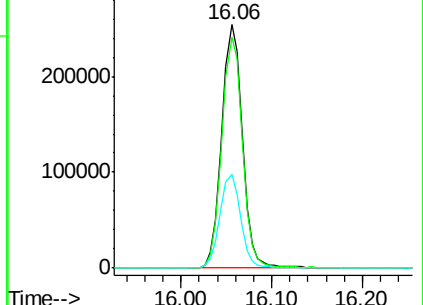
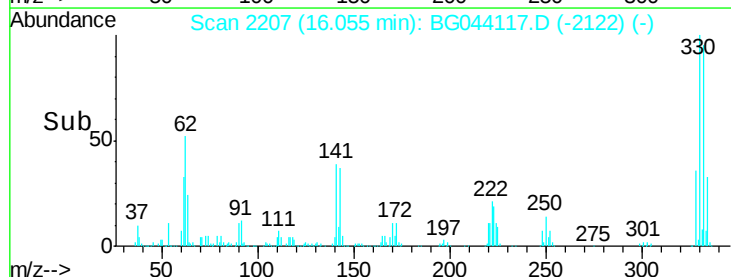
141 38.7 33.1 49.7



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

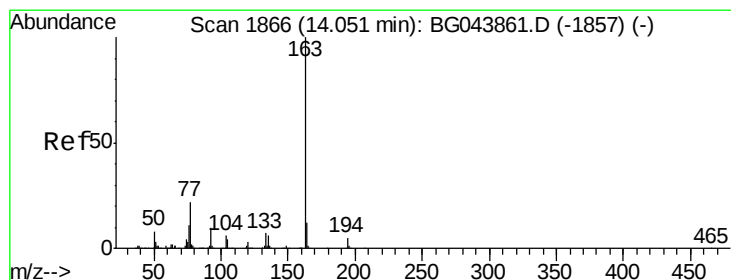
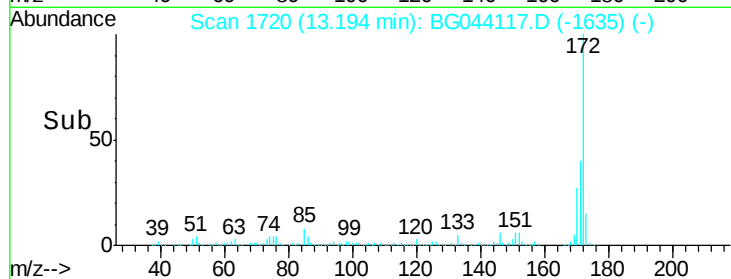
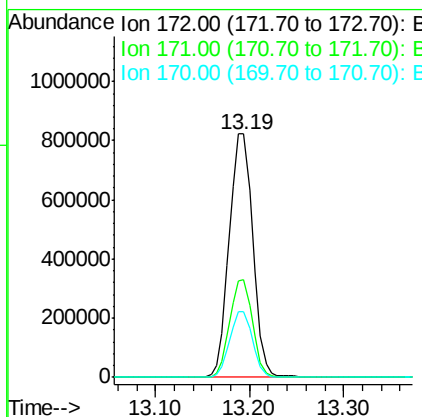
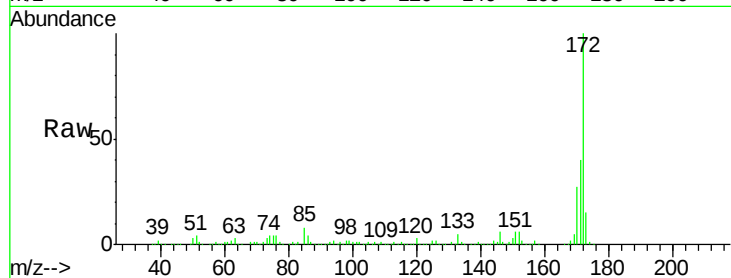




#45
2-Fluorobiphenyl
Concen: 103.029 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG044117.D
Acq: 21 Jan 2020 3:31

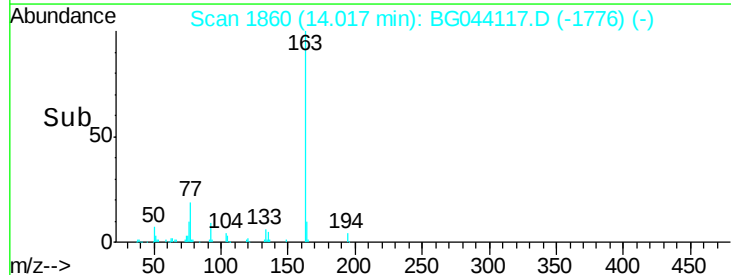
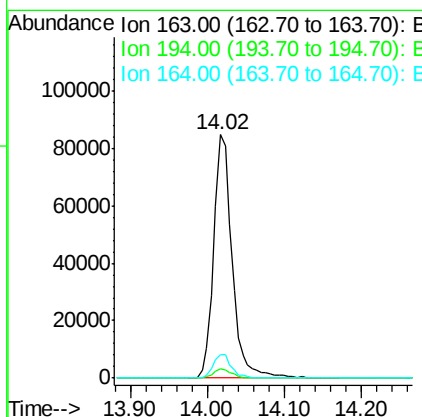
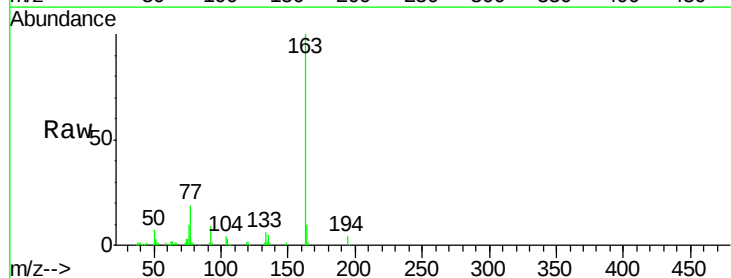
Instrument :
BNA_G
ClientSampleId :
EP-4

Tot Ion:172 Resp: 1441859
Ion Ratio Lower Upper
172 100
171 40.2 35.8 53.8
170 27.2 24.2 36.4



#50
Dimethylphthalate
Concen: 7.759 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.03 min
Lab File: BG044117.D
Acq: 21 Jan 2020 3:31

Tgt Ion:163 Resp: 139683
Ion Ratio Lower Upper
163 100
194 4.0 3.7 5.5
164 9.7 9.3 13.9

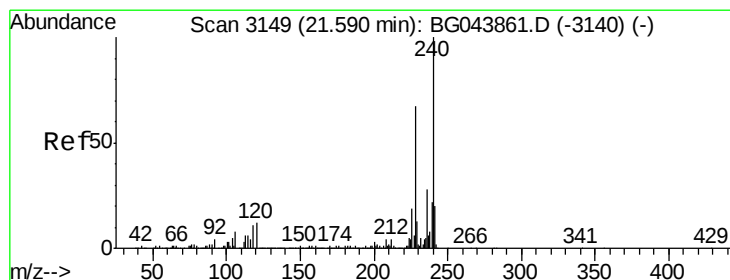
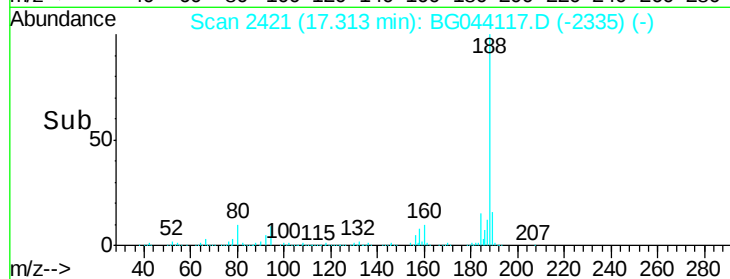
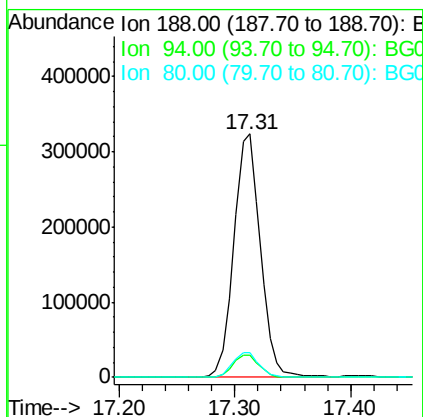
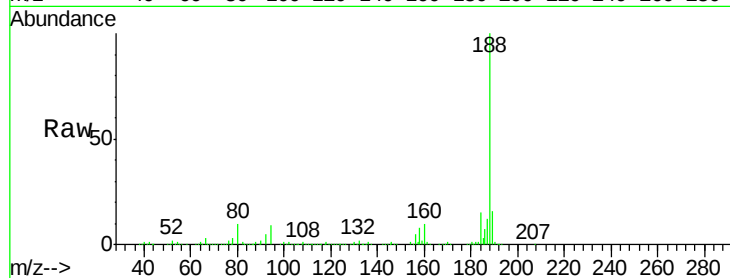




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044117.D
Acq: 21 Jan 2020 3:31

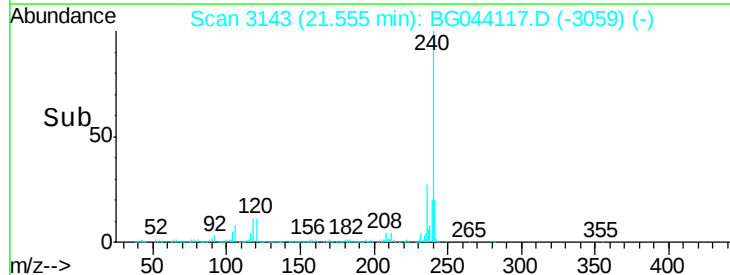
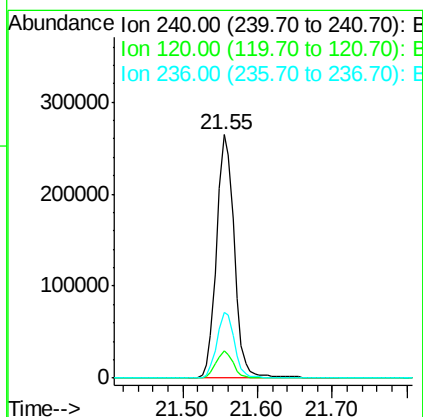
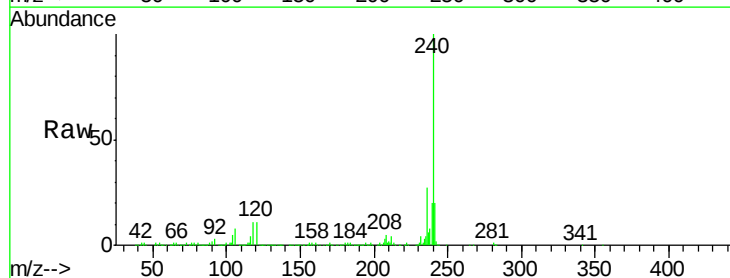
Instrument :
BNA_G
ClientSampled :
EP-4

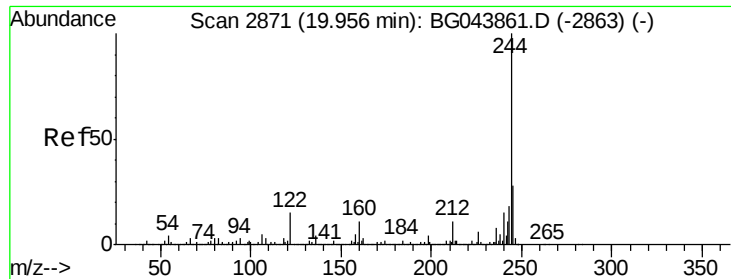
Tot Ion:188 Resp: 514674
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 10.0 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044117.D
Acq: 21 Jan 2020 3:31

Tgt Ion:240 Resp: 436979
Ion Ratio Lower Upper
240 100
120 11.0 9.6 14.4
236 26.8 22.2 33.2





#79

Terphenyl-d14

Concen: 121.320 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044117.D

Acq: 21 Jan 2020 3:31

Instrument :

BNA_G

ClientSampleId :

EP-4

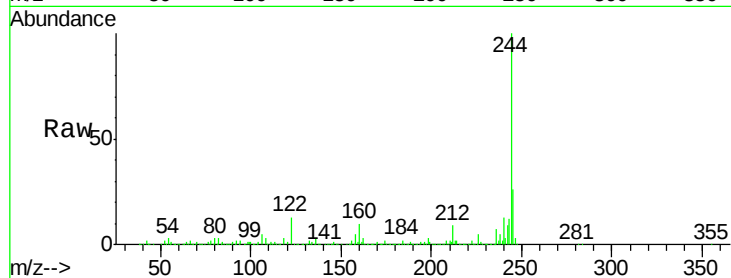
Tot Ion:244 Resp: 1978240

Ion Ratio Lower Upper

244 100

212 9.5 8.6 13.0

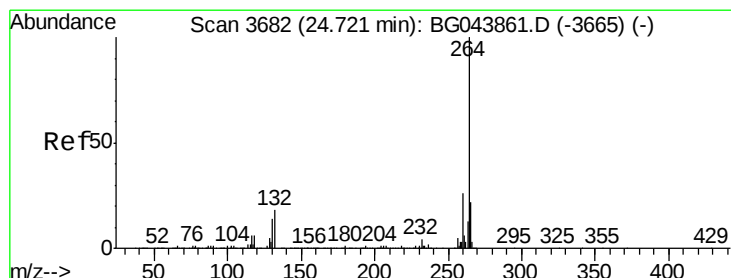
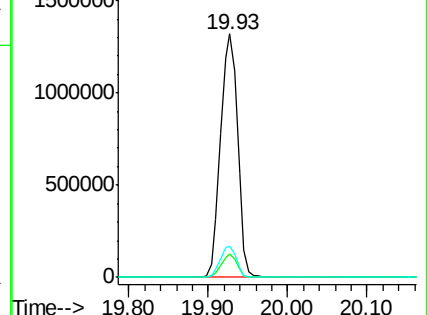
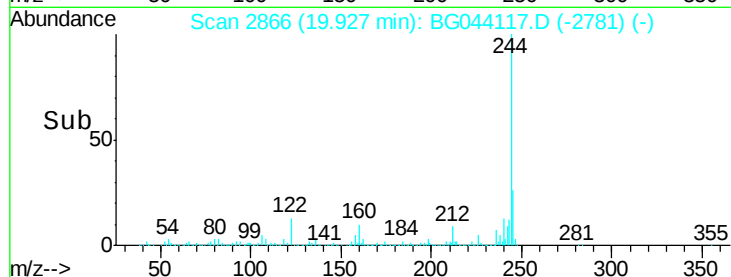
122 12.9 11.9 17.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.05 min

Lab File: BG044117.D

Acq: 21 Jan 2020 3:31

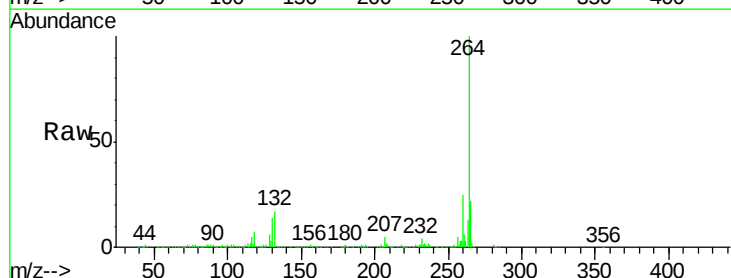
Tgt Ion:264 Resp: 480503

Ion Ratio Lower Upper

264 100

260 24.7 20.4 30.6

265 21.9 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

