

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012220\
 Data File : BG044160.D
 Acq On : 22 Jan 2020 16:21
 Operator : JU
 Sample : L1216-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMP

Quant Time: Jan 23 08:12:37 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

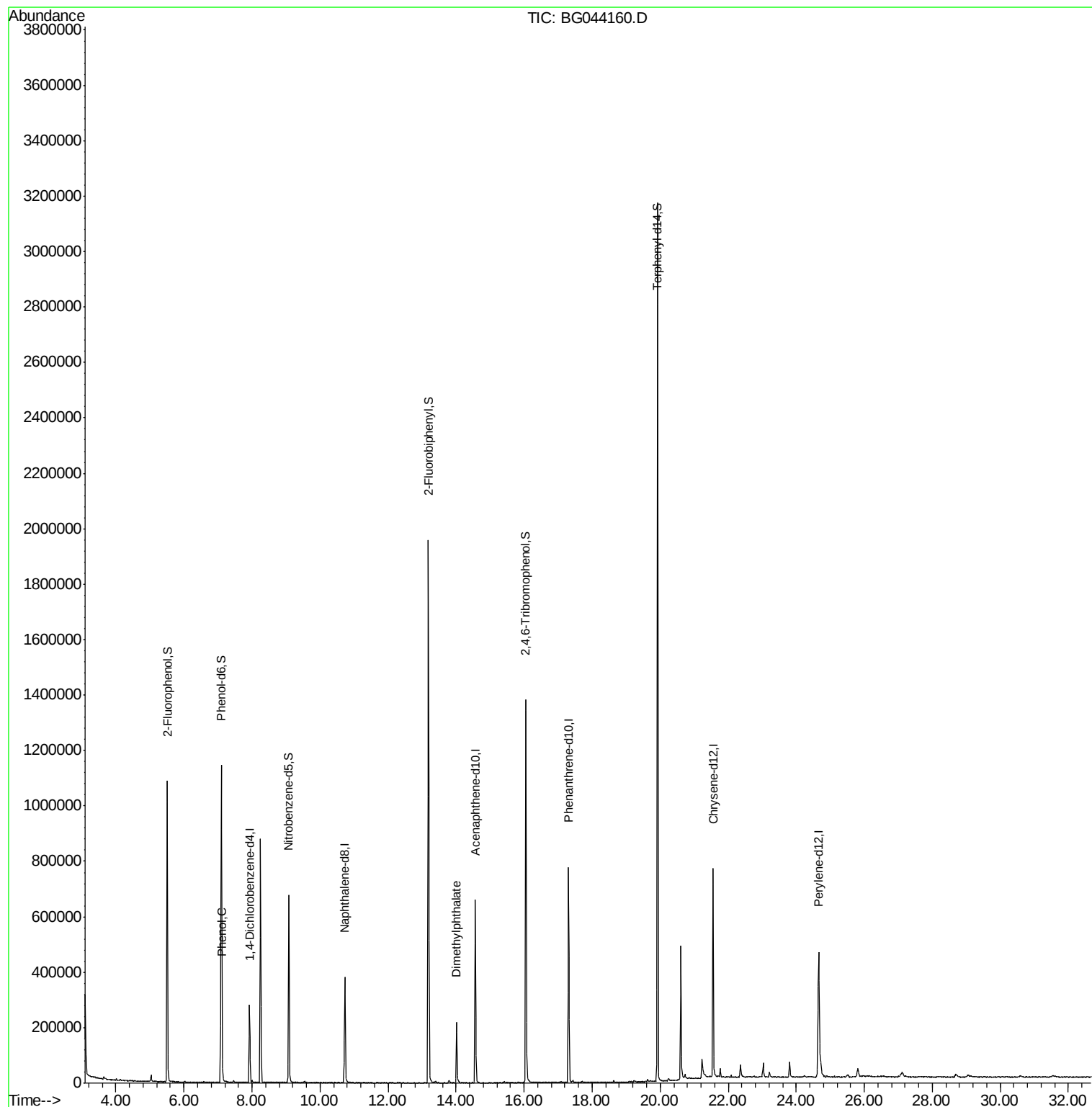
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	82239	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	365777	20.00	ng	-0.04
39) Acenaphthene-d10	14.56	164	248131	20.00	ng	-0.04
64) Phenanthrene-d10	17.31	188	499266	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	429199	20.00	ng	-0.04
87) Perylene-d12	24.66	264	475019	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	527334	117.74	ng	-0.03
7) Phenol-d6	7.10	99	729166	116.47	ng	-0.02
23) Nitrobenzene-d5	9.08	82	447377	65.43	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	271732	104.65	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1069119	78.06	ng	-0.04
79) Terphenyl-d14	19.92	244	1506430	84.49	ng	-0.04
Target Compounds						
10) Phenol	7.12	94	27376	4.244	ng	90
50) Dimethylphthalate	14.02	163	177271	10.062	ng	97

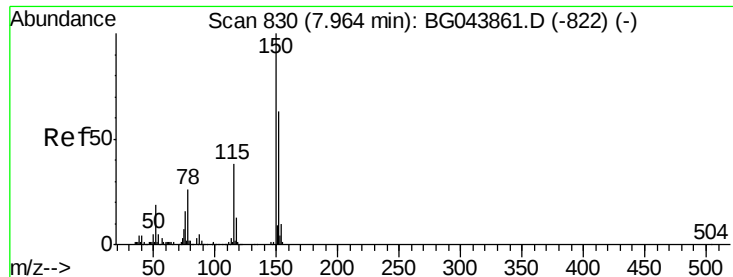
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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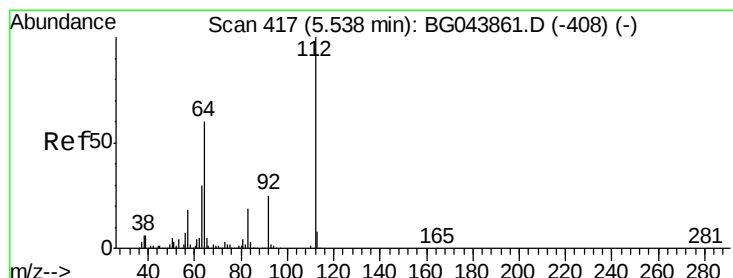
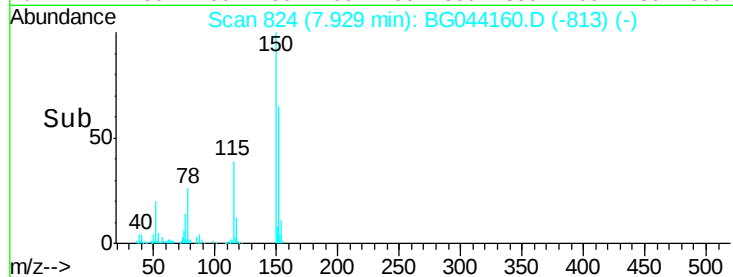
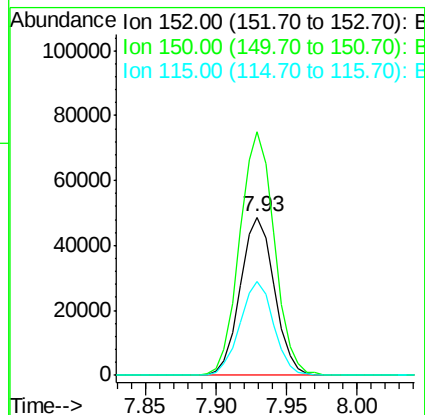
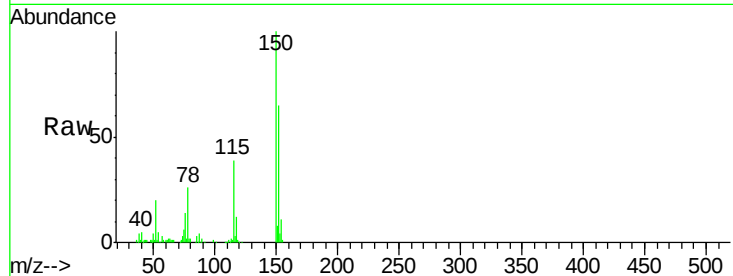


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044160.D
Acq: 22 Jan 2020 16:21

Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

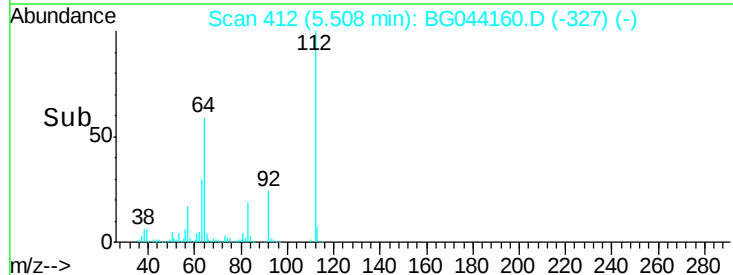
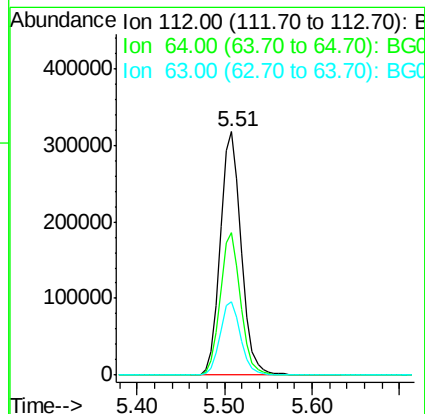
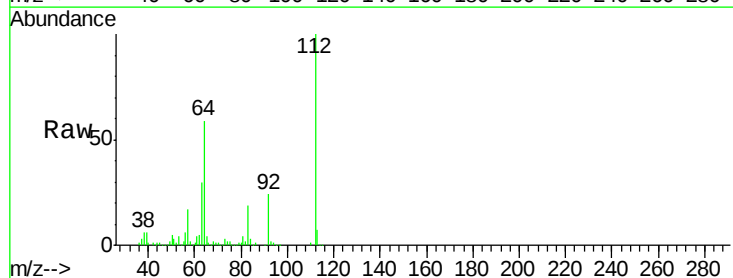
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	127.0	190.4
115	59.3	47.8	71.8

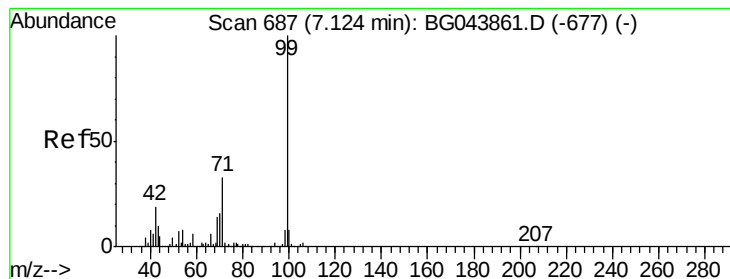


#5

2-Fluorophenol
Concen: 117.736 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044160.D
Acq: 22 Jan 2020 16:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.8	71.6
63	30.0	24.3	36.5





#7

Phenol-d6

Concen: 116.466 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044160.D

Acq: 22 Jan 2020 16:21

Instrument :

BNA_G

ClientSampleId :

SB-04-COMP

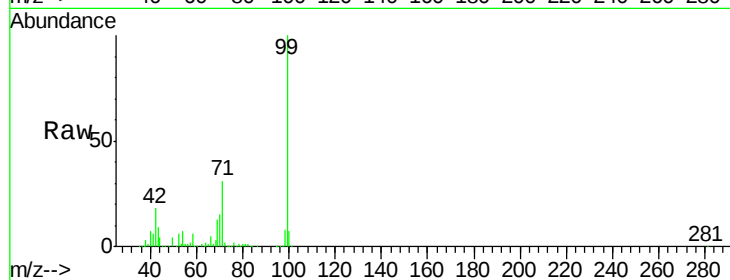
Tot Ion: 99 Resp: 729166

Ion Ratio Lower Upper

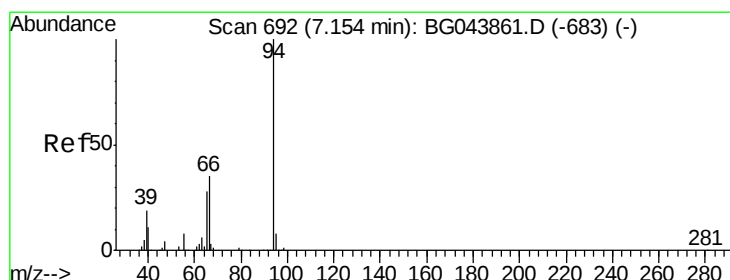
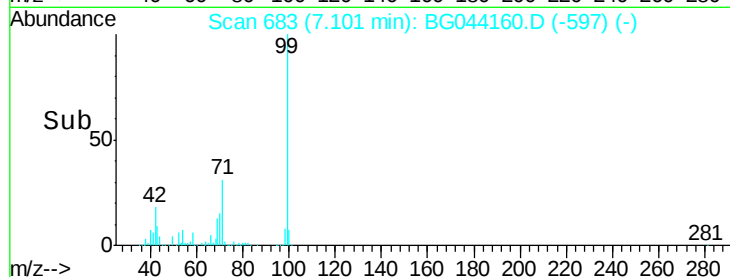
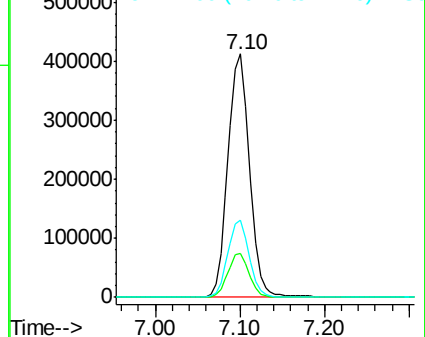
99 100

42 17.8 14.9 22.3

71 31.5 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: 4.244 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044160.D

Acq: 22 Jan 2020 16:21

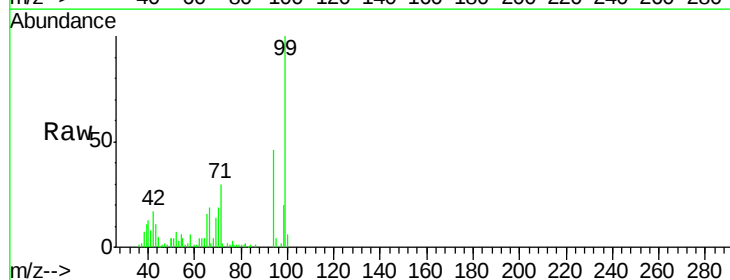
Tgt Ion: 94 Resp: 27376

Ion Ratio Lower Upper

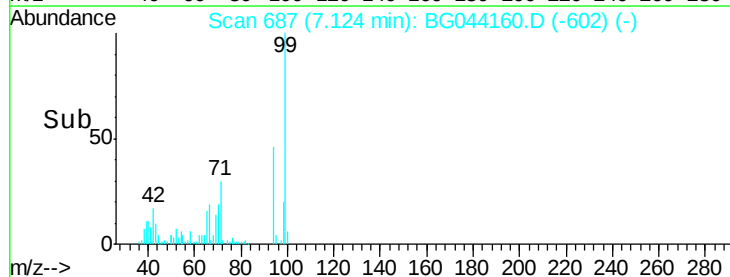
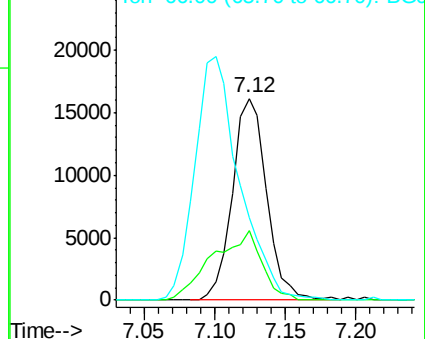
94 100

65 34.5 8.1 48.1

66 40.9 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

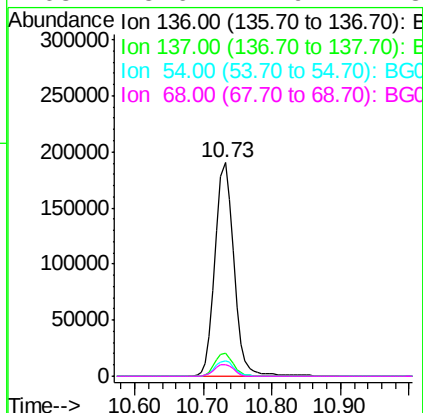
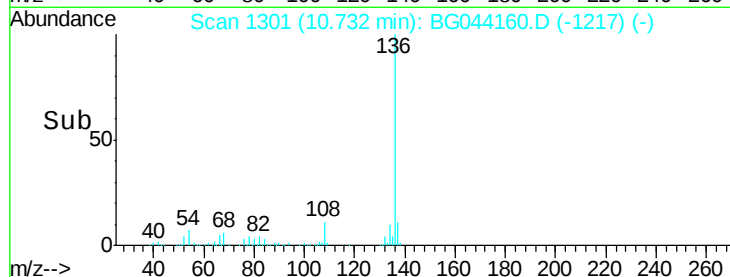
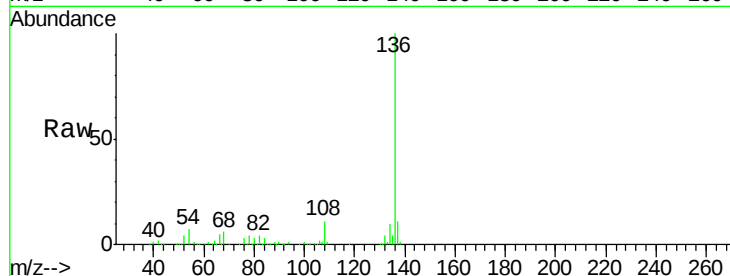




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044160.D
Acq: 22 Jan 2020 16:21

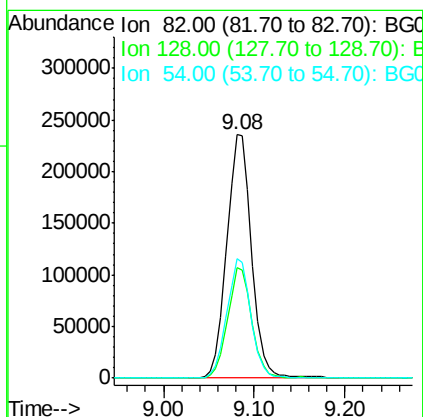
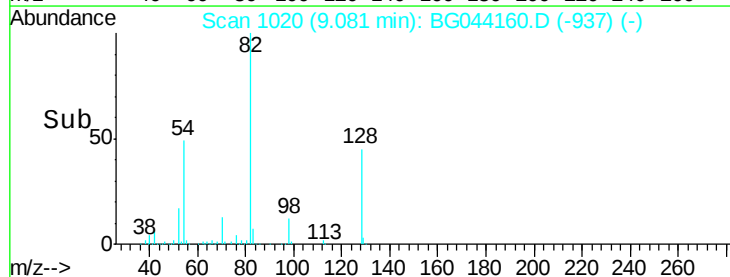
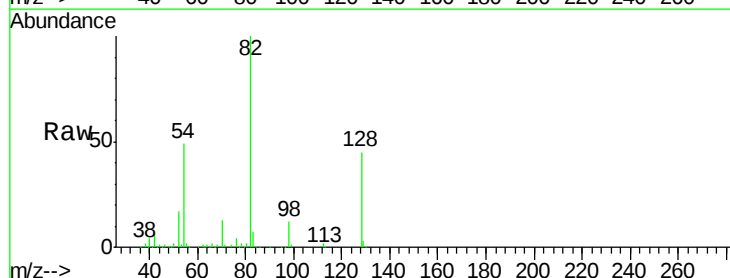
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

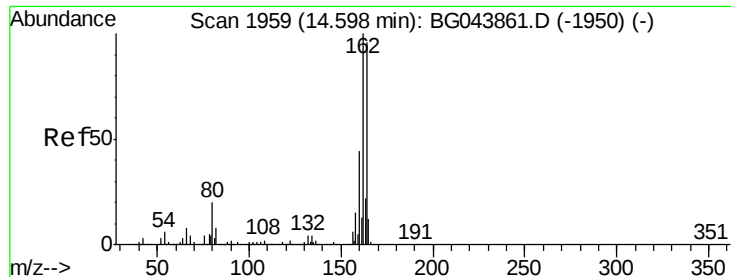
Tot Ion:136	Resp:	365777
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.8	13.2
54 7.2	7.0	10.4
68 5.6	4.9	7.3



#23
Nitrobenzene-d5
Concen: 65.430 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044160.D
Acq: 22 Jan 2020 16:21

Tgt	Ion: 82	Resp:	447377
Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.1	52.7
54	48.9	40.1	60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.04 min

Lab File: BG044160.D

Acq: 22 Jan 2020 16:21

Instrument :

BNA_G

ClientSampleId :

SB-04-COMP

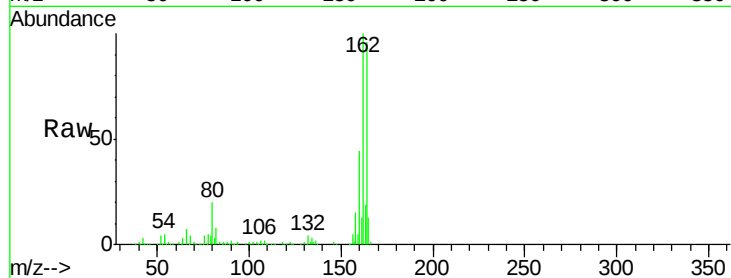
Tot Ion:164 Resp: 248131

Ion Ratio Lower Upper

164 100

162 104.6 83.0 124.4

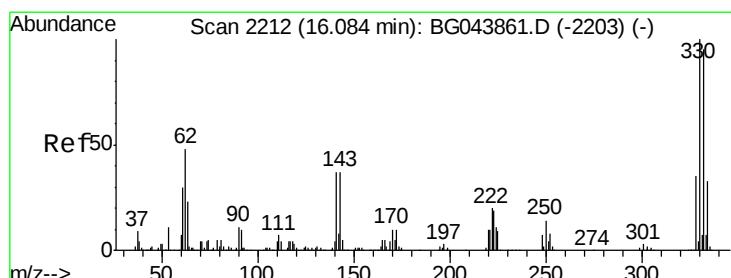
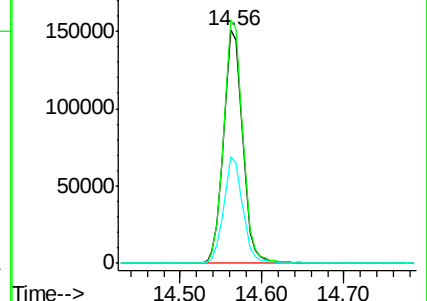
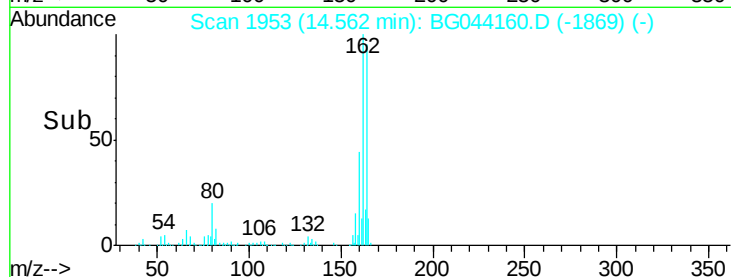
160 45.9 36.1 54.1



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: 104.648 ng

RT: 16.05 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044160.D

Acq: 22 Jan 2020 16:21

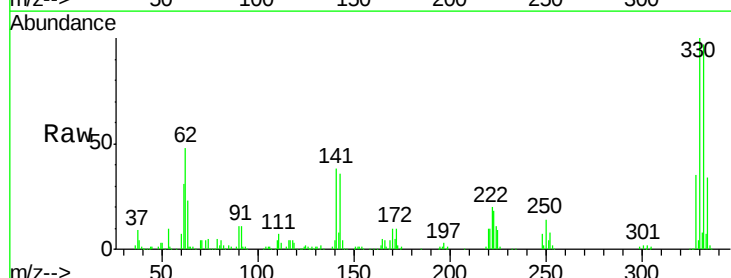
Tgt Ion:330 Resp: 271732

Ion Ratio Lower Upper

330 100

332 96.0 77.2 115.8

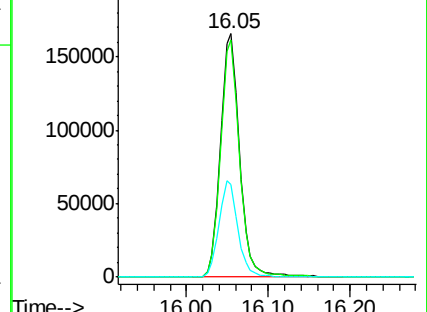
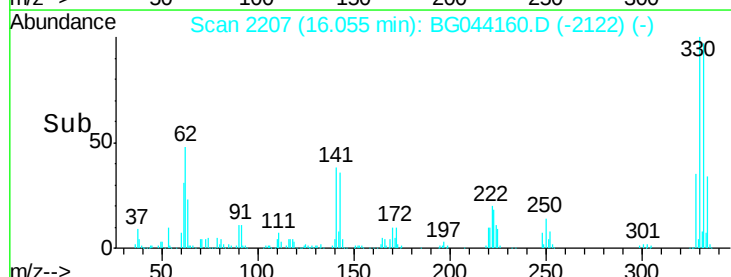
141 39.3 33.1 49.7



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

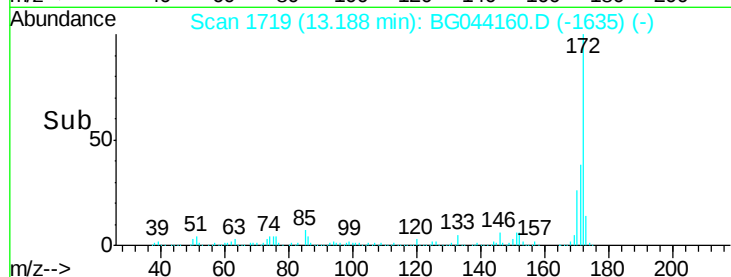
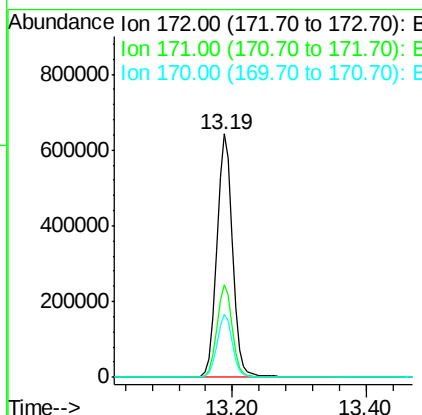
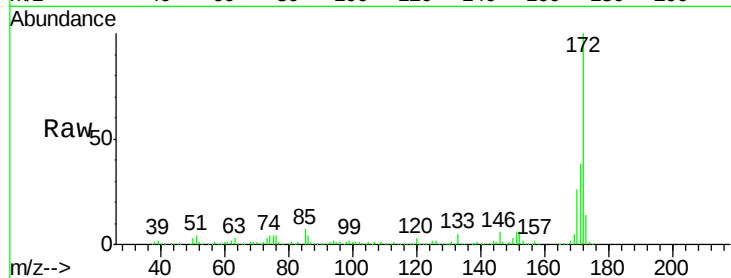




#45
2-Fluorobiphenyl
Concen: 78.063 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BG044160.D
Acq: 22 Jan 2020 16:21

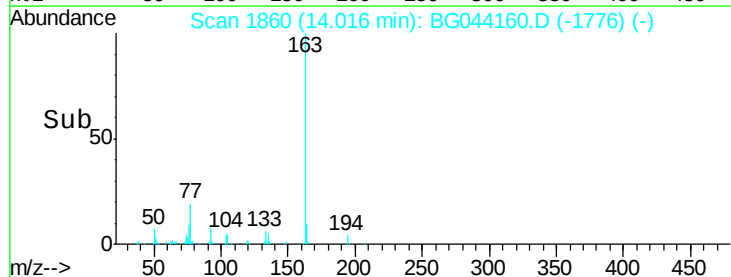
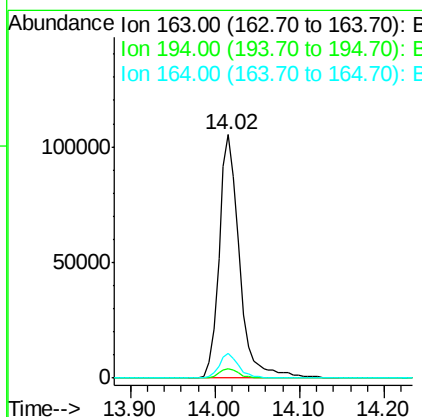
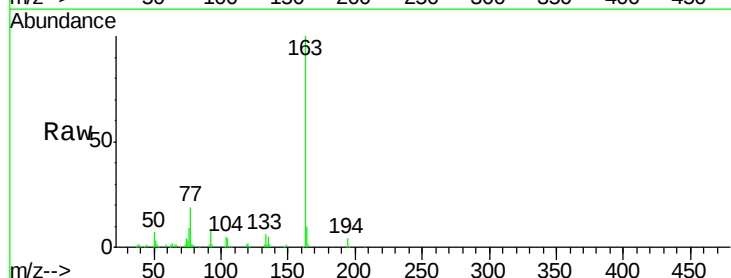
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

Tot Ion:172 Resp: 1069119
Ion Ratio Lower Upper
172 100
171 38.2 35.8 53.8
170 26.1 24.2 36.4



#50
Dimethylphthalate
Concen: 10.062 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.04 min
Lab File: BG044160.D
Acq: 22 Jan 2020 16:21

Tgt Ion:163 Resp: 177271
Ion Ratio Lower Upper
163 100
194 3.7 3.7 5.5
164 10.3 9.3 13.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044160.D

Acq: 22 Jan 2020 16:21

Instrument :

BNA_G

ClientSampleId :

SB-04-COMP

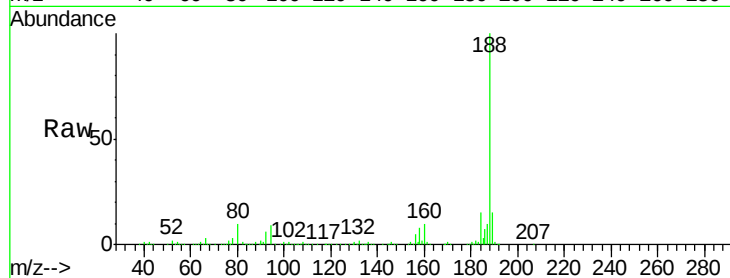
Tot Ion:188 Resp: 499266

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

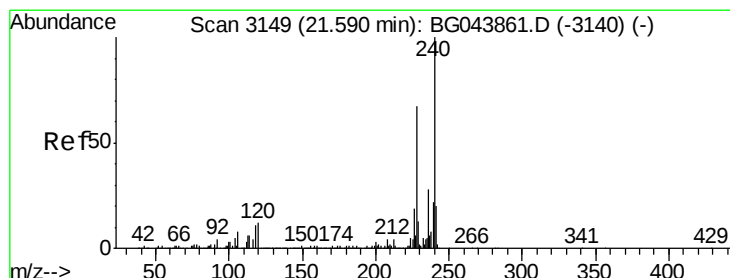
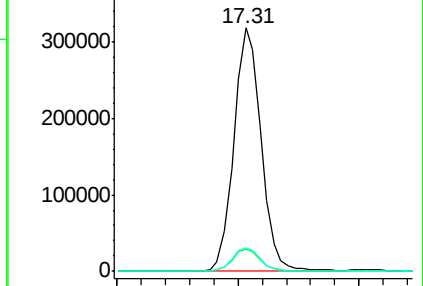
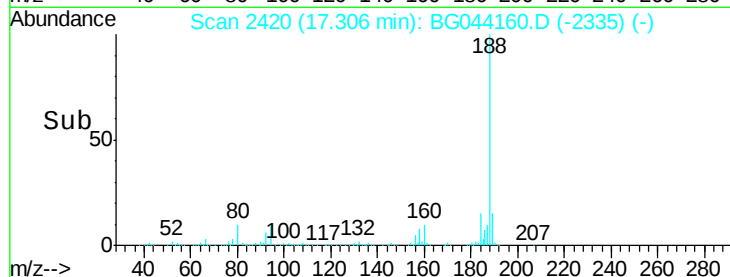
80 9.7 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.04 min

Lab File: BG044160.D

Acq: 22 Jan 2020 16:21

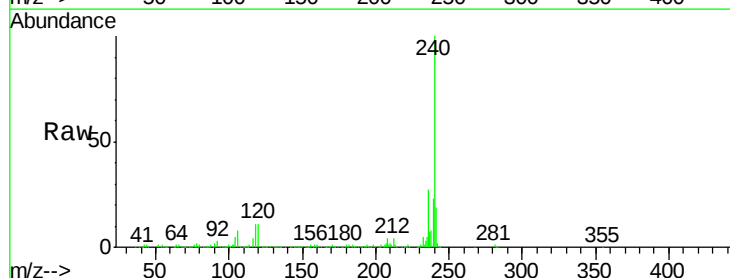
Tgt Ion:240 Resp: 429199

Ion Ratio Lower Upper

240 100

120 10.6 9.6 14.4

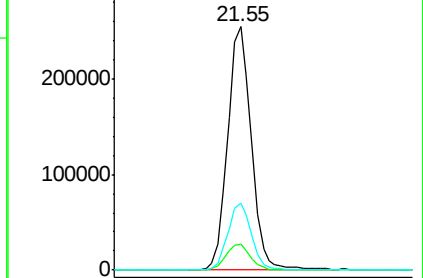
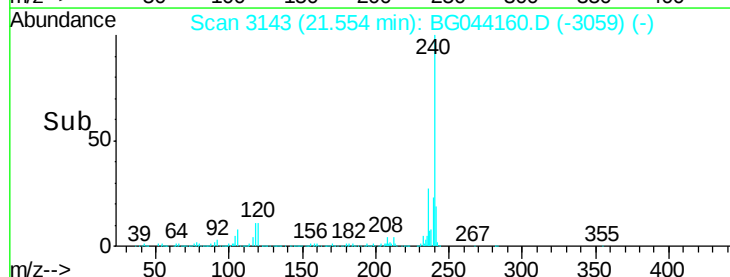
236 27.5 22.2 33.2

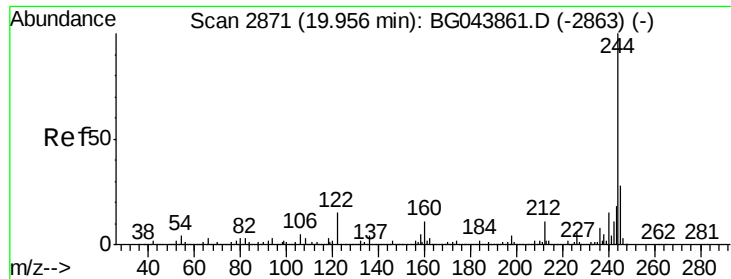


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.491 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.04 min

Lab File: BG044160.D

Acq: 22 Jan 2020 16:21

Instrument :

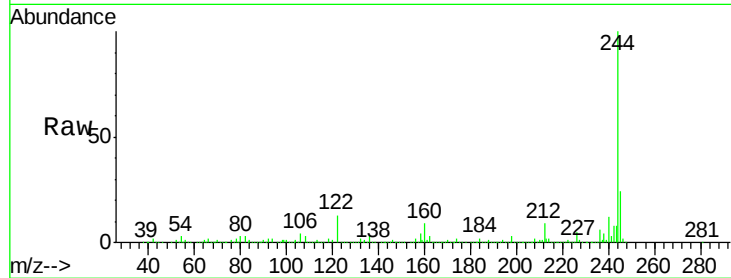
BNA_G

ClientSampleId :

SB-04-COMP

Tot Ion:244 Resp: 1506430

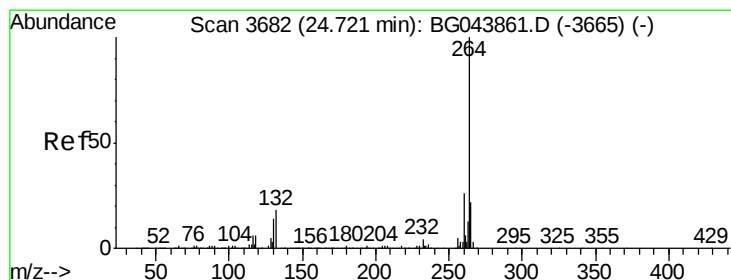
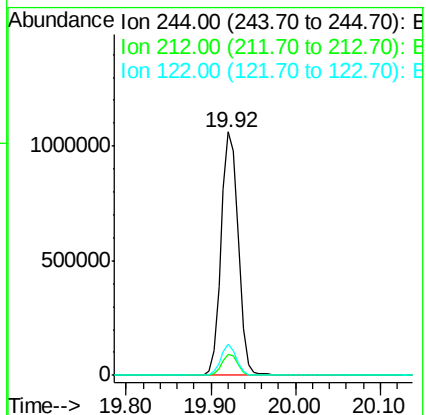
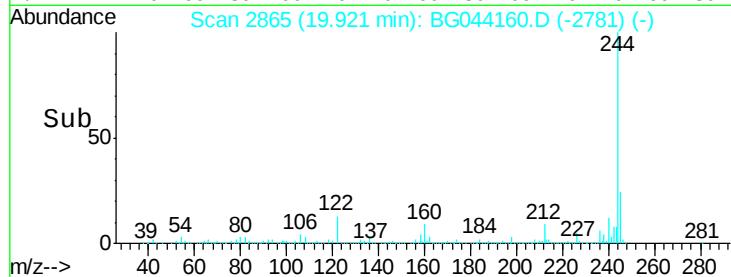
Ion	Ratio	Lower	Upper
244	100		
212	8.7	8.6	13.0
122	12.6	11.9	17.9



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: 24.66 min Scan# 3672

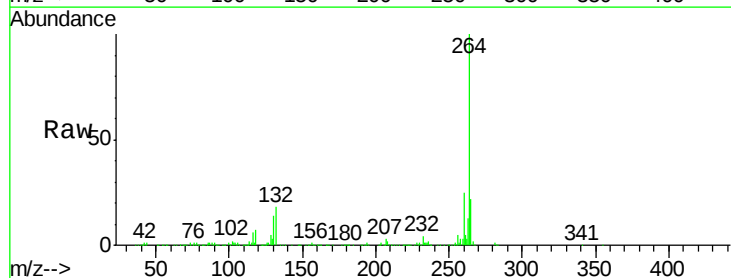
Delta R.T. -0.06 min

Lab File: BG044160.D

Acq: 22 Jan 2020 16:21

Tgt Ion:264 Resp: 475019

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.4	30.6
265	22.0	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

