

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
 Data File : BG044124.D
 Acq On : 21 Jan 2020 8:53
 Operator : JU
 Sample : L1176-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP-10

Quant Time: Jan 21 10:23:11 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

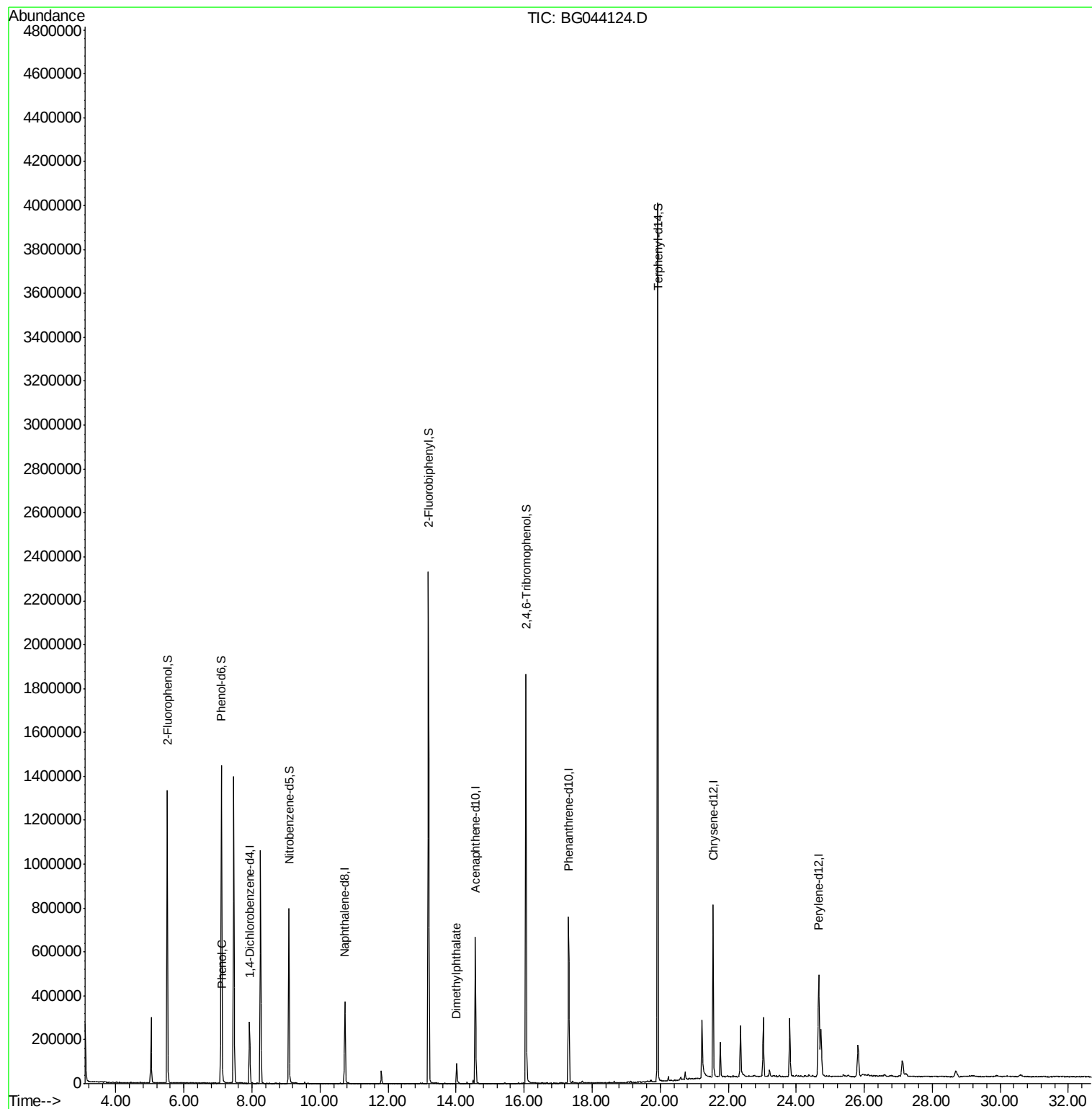
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	81946	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	356266	20.00	ng	-0.03
39) Acenaphthene-d10	14.56	164	245793	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	516092	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	439107	20.00	ng	-0.03
87) Perylene-d12	24.66	264	485107	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	630832	141.35	ng	-0.03
7) Phenol-d6	7.10	99	912639	146.29	ng	-0.02
23) Nitrobenzene-d5	9.08	82	529883	79.57	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	361927	140.71	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1272801	93.82	ng	-0.03
79) Terphenyl-d14	19.93	244	1844060	108.57	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	29471	4.585	ng	98
50) Dimethylphthalate	14.02	163	79452	4.553	ng	96

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

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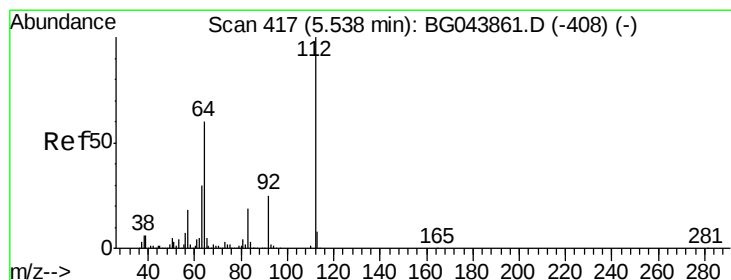
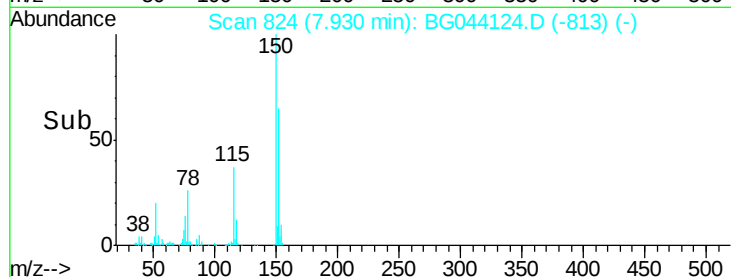
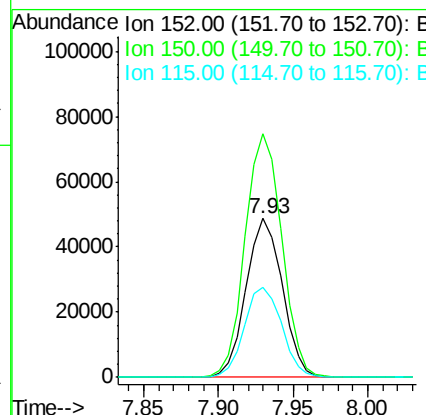
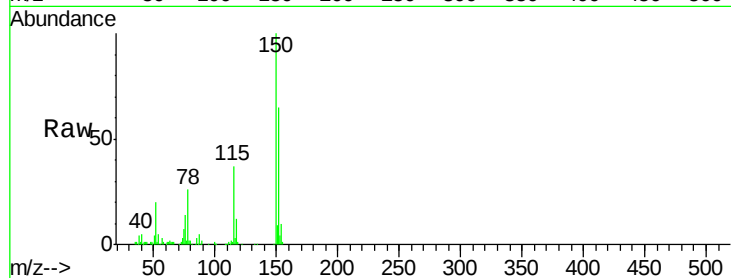


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044124.D
Acq: 21 Jan 2020 8:53

Instrument :
BNA_G
ClientSampleId :
EP-10

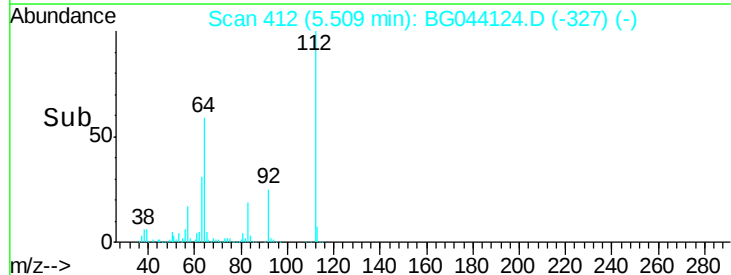
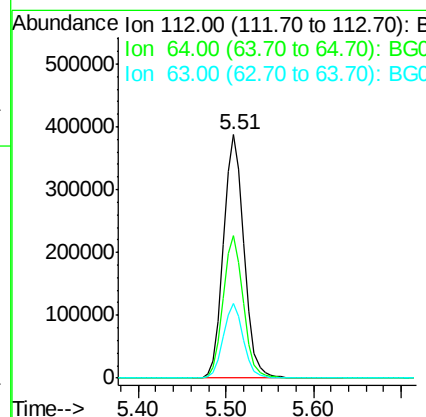
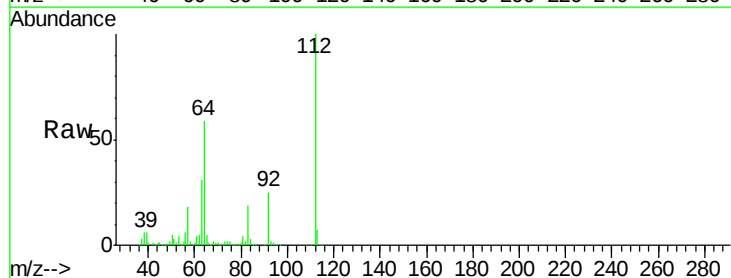
Tot Ion:152 Resp: 81946
Ion Ratio Lower Upper
152 100
150 153.6 127.0 190.4
115 56.6 47.8 71.8



#5

2-Fluorophenol
Concen: 141.347 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044124.D
Acq: 21 Jan 2020 8:53

Tgt Ion:112 Resp: 630832
Ion Ratio Lower Upper
112 100
64 58.5 47.8 71.6
63 30.7 24.3 36.5





#7

Phenol-d6

Concen: 146.292 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044124.D

Acq: 21 Jan 2020 8:53

Instrument :

BNA_G

ClientSampleId :

EP-10

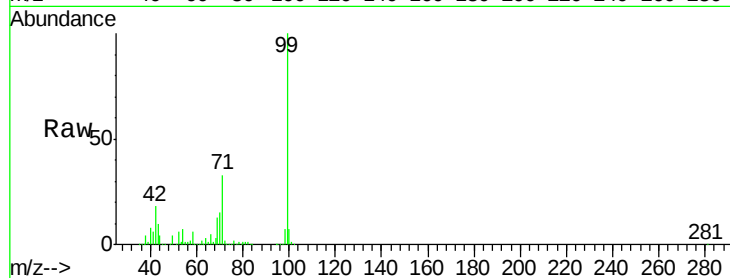
Tot Ion: 99 Resp: 912639

Ion Ratio Lower Upper

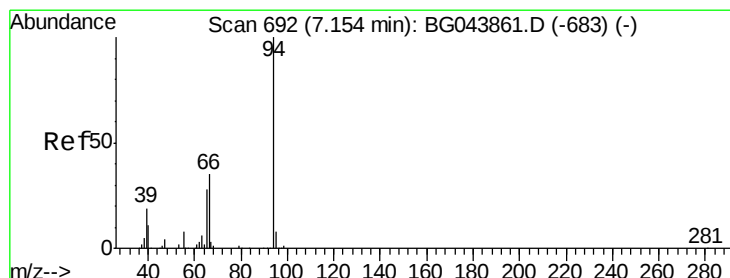
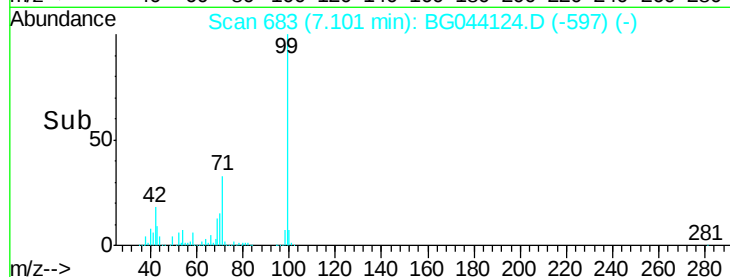
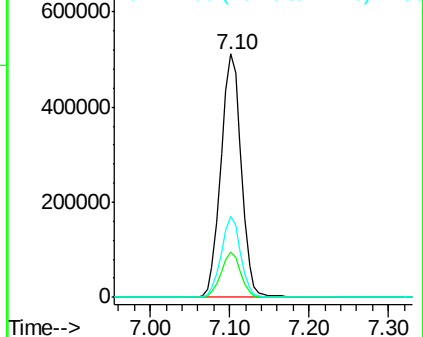
99 100

42 18.5 14.9 22.3

71 33.1 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: 4.585 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG044124.D

Acq: 21 Jan 2020 8:53

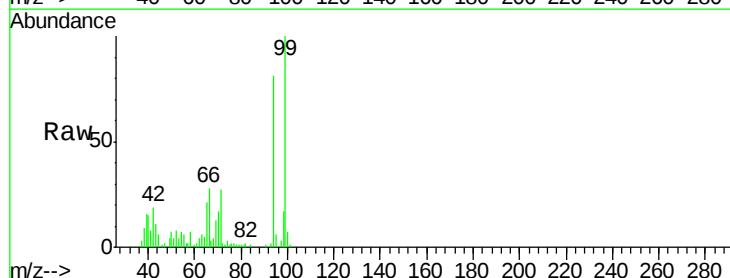
Tgt Ion: 94 Resp: 29471

Ion Ratio Lower Upper

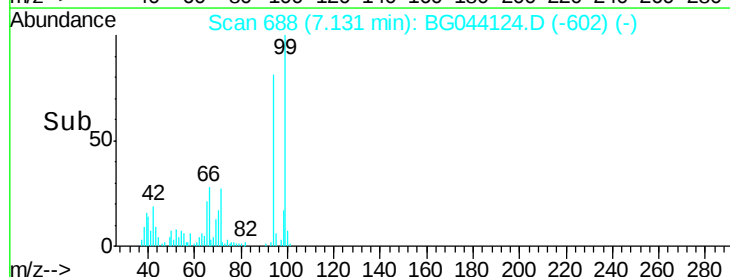
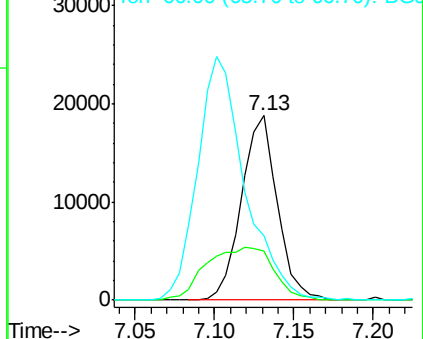
94 100

65 26.4 8.1 48.1

66 35.0 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

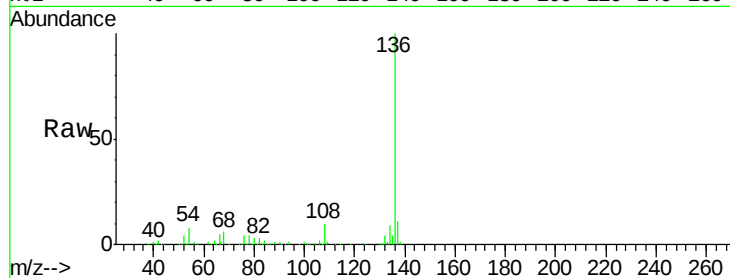




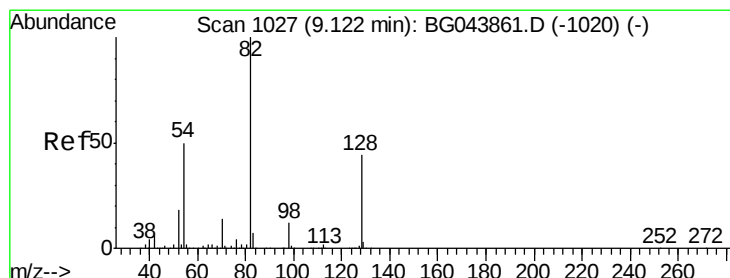
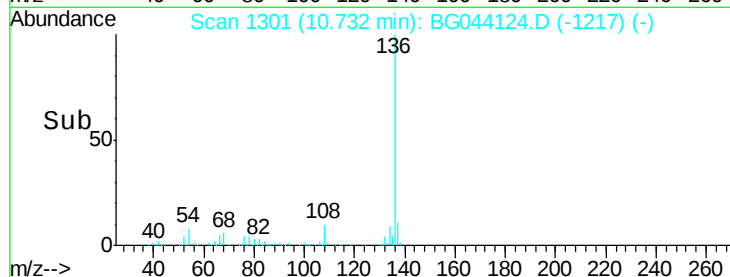
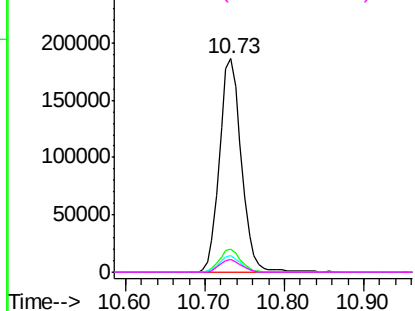
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044124.D
Acq: 21 Jan 2020 8:53

Instrument :
BNA_G
ClientSampled :
EP-10

Tot Ion:136	Resp:	356266
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.8	13.2
54 7.6	7.0	10.4
68 5.8	4.9	7.3

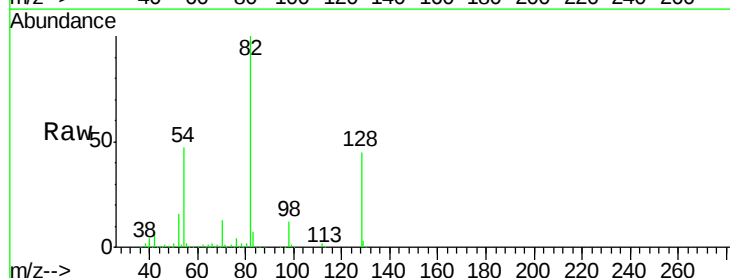


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

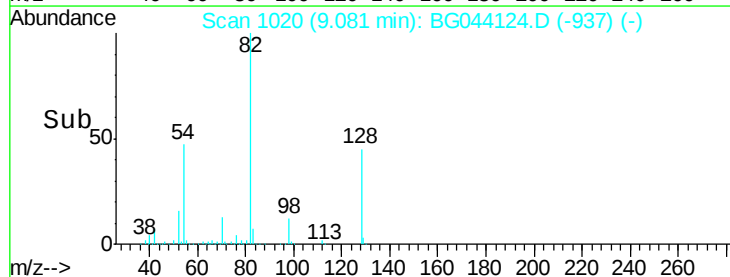
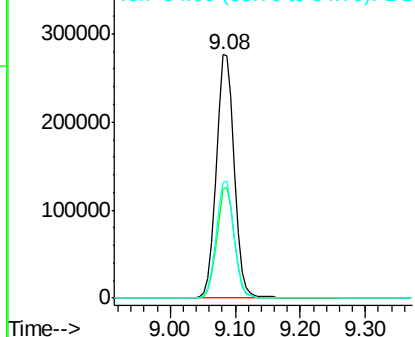


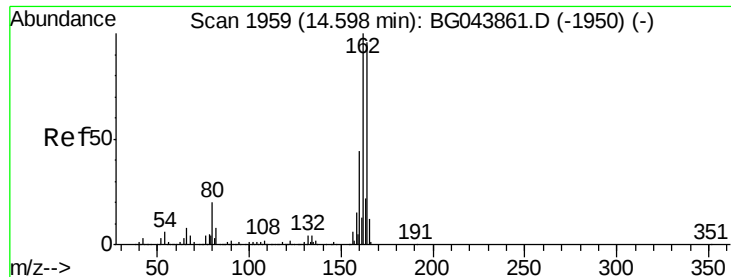
#23
Nitrobenzene-d5
Concen: 79.566 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044124.D
Acq: 21 Jan 2020 8:53

Tgt Ion	82	Resp: Lower	529883 Upper
Ratio	100		
128	44.7	35.1	52.7
54	47.4	40.1	60.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044124.D

Acq: 21 Jan 2020 8:53

Instrument :

BNA_G

ClientSampleId :

EP-10

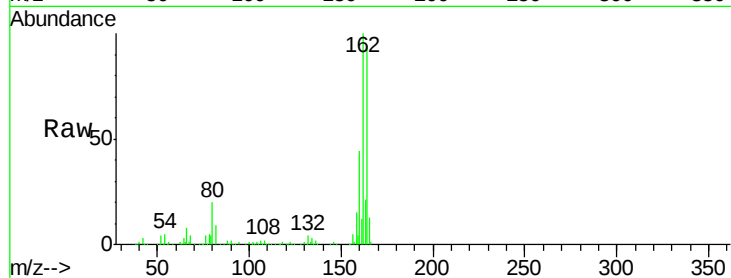
Tot Ion:164 Resp: 245793

Ion Ratio Lower Upper

164 100

162 106.8 83.0 124.4

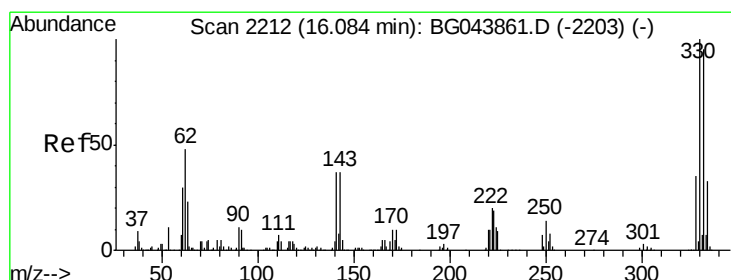
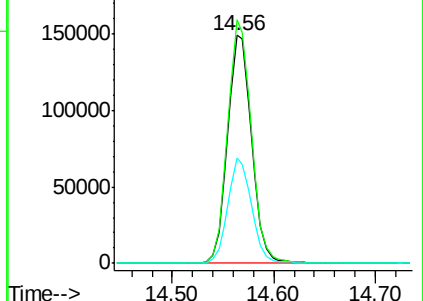
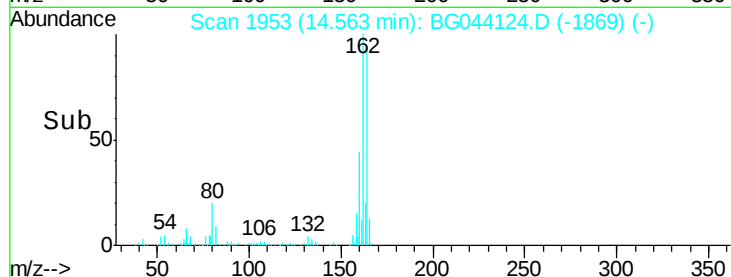
160 46.5 36.1 54.1



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: 140.709 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044124.D

Acq: 21 Jan 2020 8:53

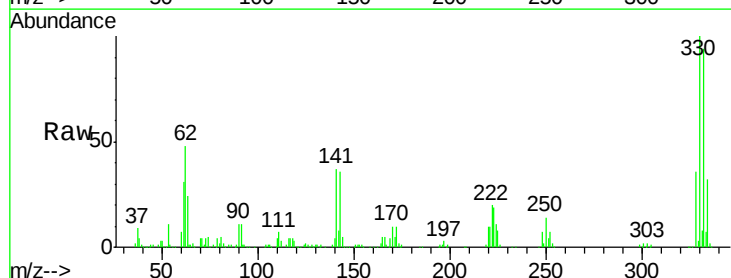
Tgt Ion:330 Resp: 361927

Ion Ratio Lower Upper

330 100

332 95.2 77.2 115.8

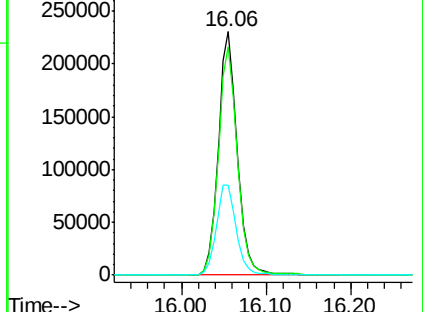
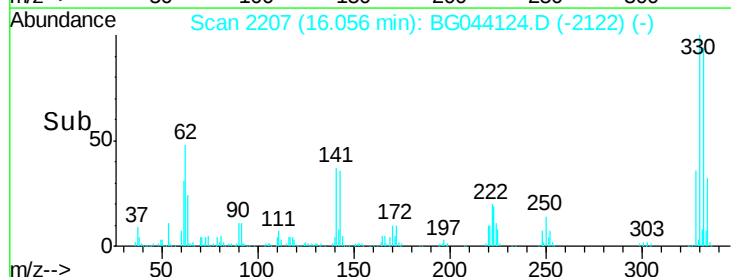
141 39.3 33.1 49.7



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

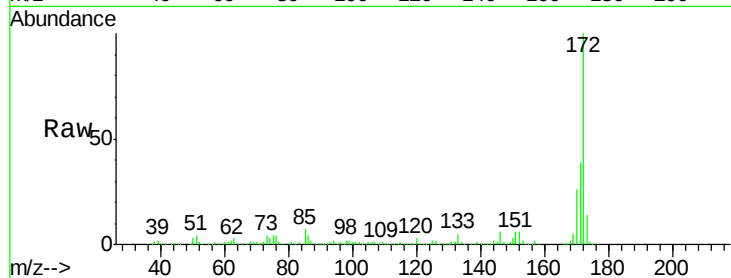




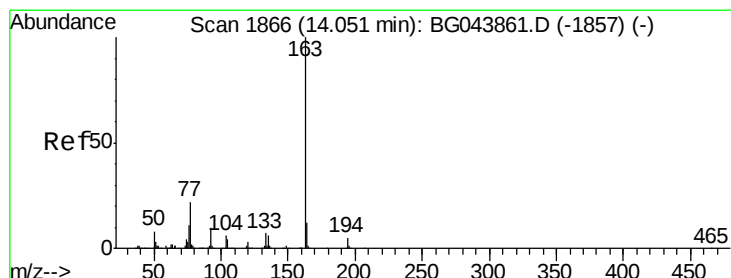
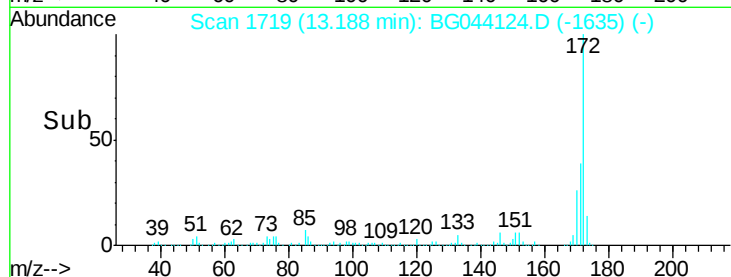
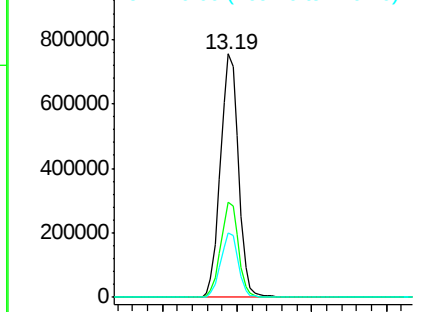
#45
2-Fluorobiphenyl
Concen: 93.820 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044124.D
Acq: 21 Jan 2020 8:53

Instrument :
BNA_G
ClientSampleId :
EP-10

Tot Ion:172 Resp: 1272801
Ion Ratio Lower Upper
172 100
171 39.0 35.8 53.8
170 26.4 24.2 36.4

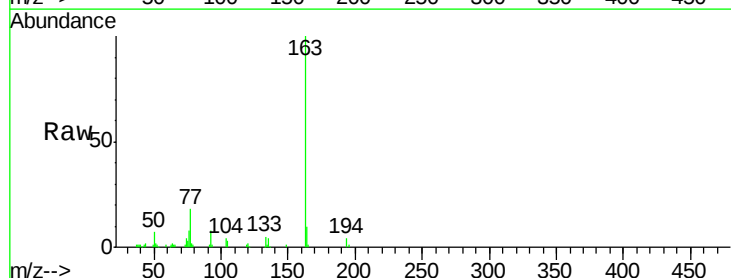


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

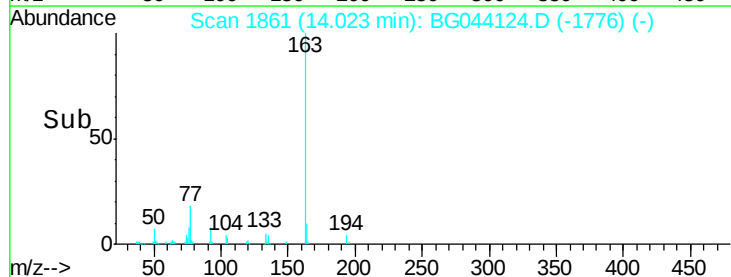
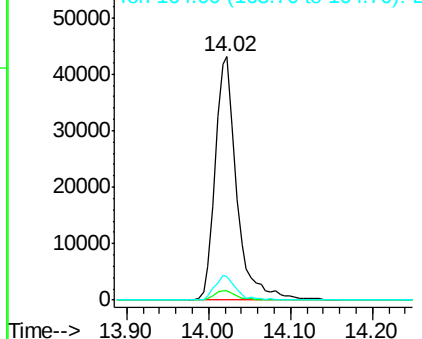


#50
Dimethylphthalate
Concen: 4.553 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.03 min
Lab File: BG044124.D
Acq: 21 Jan 2020 8:53

Tgt Ion:163 Resp: 79452
Ion Ratio Lower Upper
163 100
194 4.0 3.7 5.5
164 9.9 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

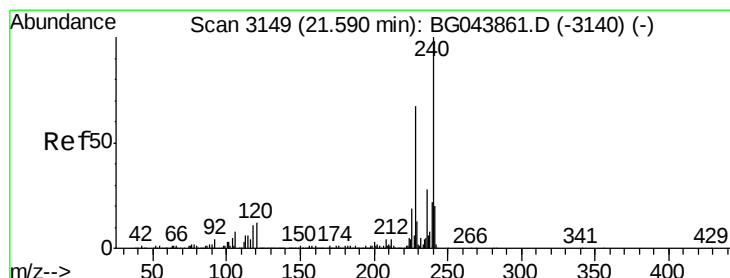
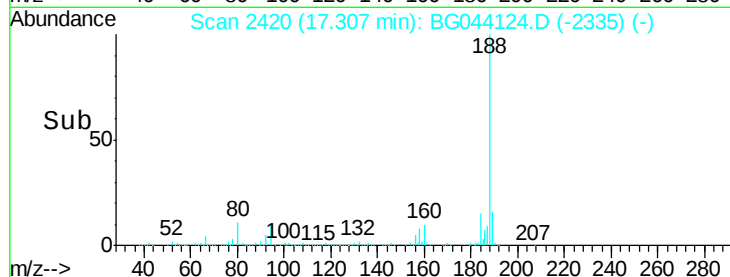
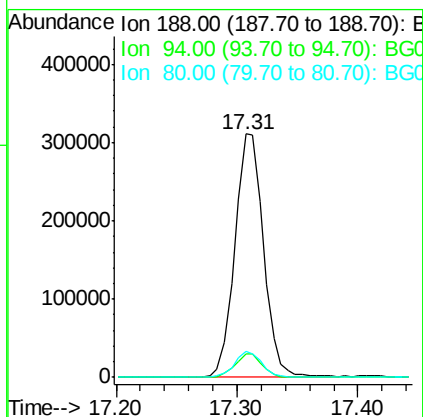
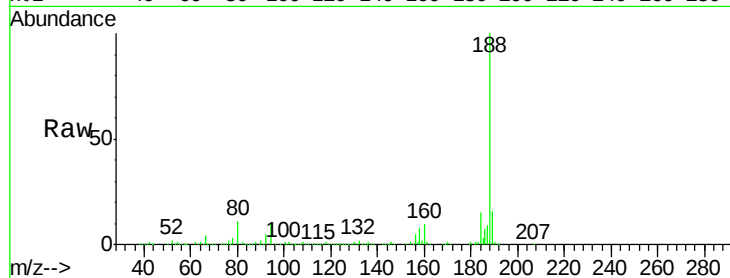




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044124.D
Acq: 21 Jan 2020 8:53

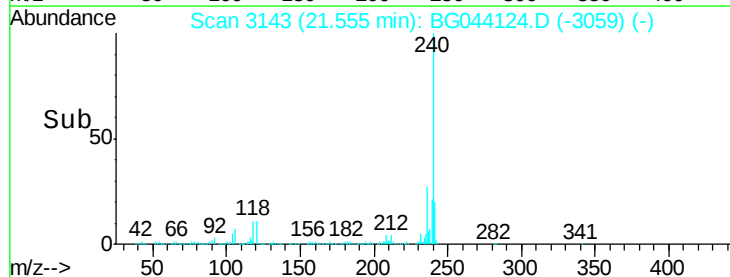
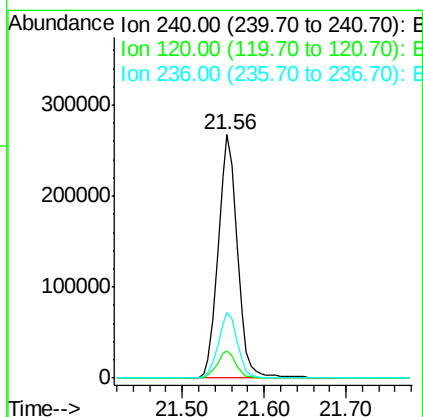
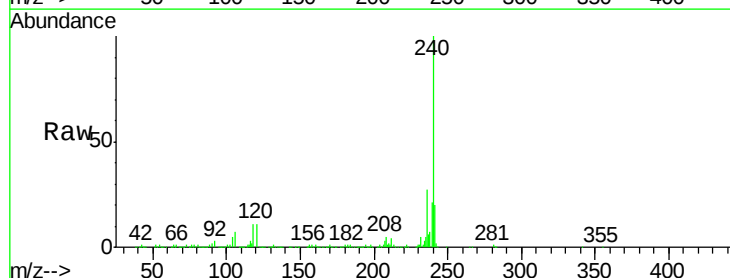
Instrument :
BNA_G
ClientSampleId :
EP-10

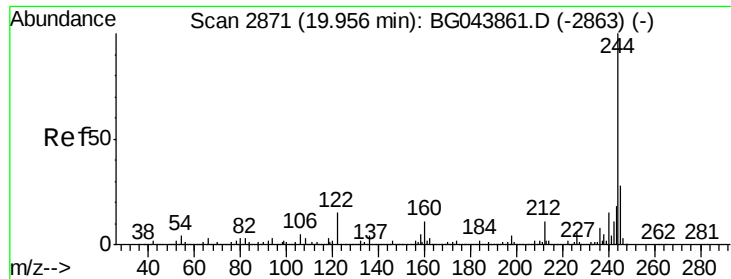
Tot Ion:188 Resp: 516092
Ion Ratio Lower Upper
188 100
94 9.7 7.9 11.9
80 10.6 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044124.D
Acq: 21 Jan 2020 8:53

Tgt Ion:240 Resp: 439107
Ion Ratio Lower Upper
240 100
120 11.1 9.6 14.4
236 27.1 22.2 33.2





#79

Terphenyl-d14

Concen: 108.567 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044124.D

Acq: 21 Jan 2020 8:53

Instrument :

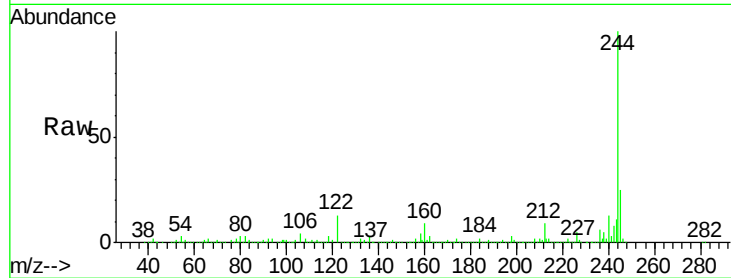
BNA_G

ClientSampleId :

EP-10

Tot Ion:244 Resp: 1844060

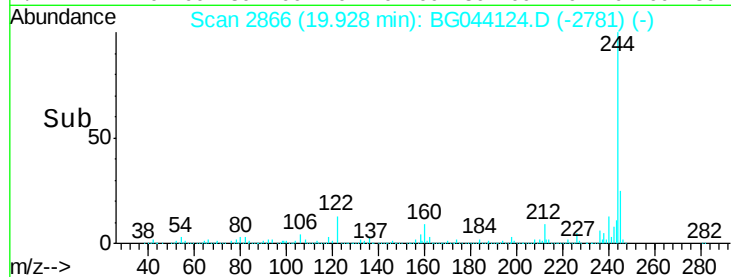
Ion	Ratio	Lower	Upper
244	100		
212	9.3	8.6	13.0
122	12.9	11.9	17.9



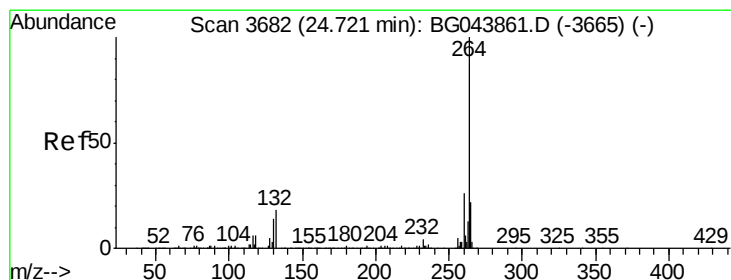
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.80 19.90 20.00 20.10



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3672

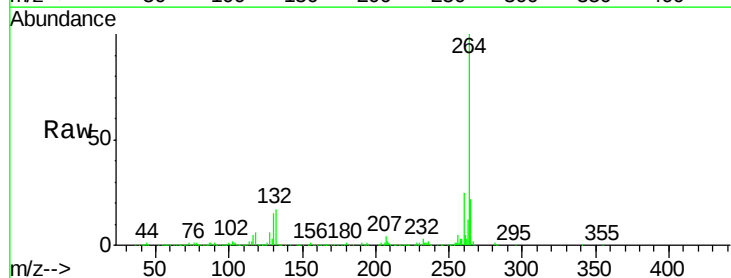
Delta R.T. -0.06 min

Lab File: BG044124.D

Acq: 21 Jan 2020 8:53

Tgt Ion:264 Resp: 485107

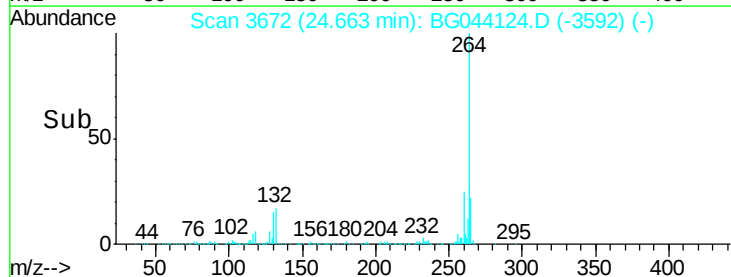
Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.4	30.6
265	22.4	17.4	26.2



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



Time--> 24.50 24.60 24.70 24.80