

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
 Data File : BG044127.D
 Acq On : 21 Jan 2020 10:50
 Operator : JU
 Sample : L1176-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP-14

Quant Time: Jan 21 11:36:03 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

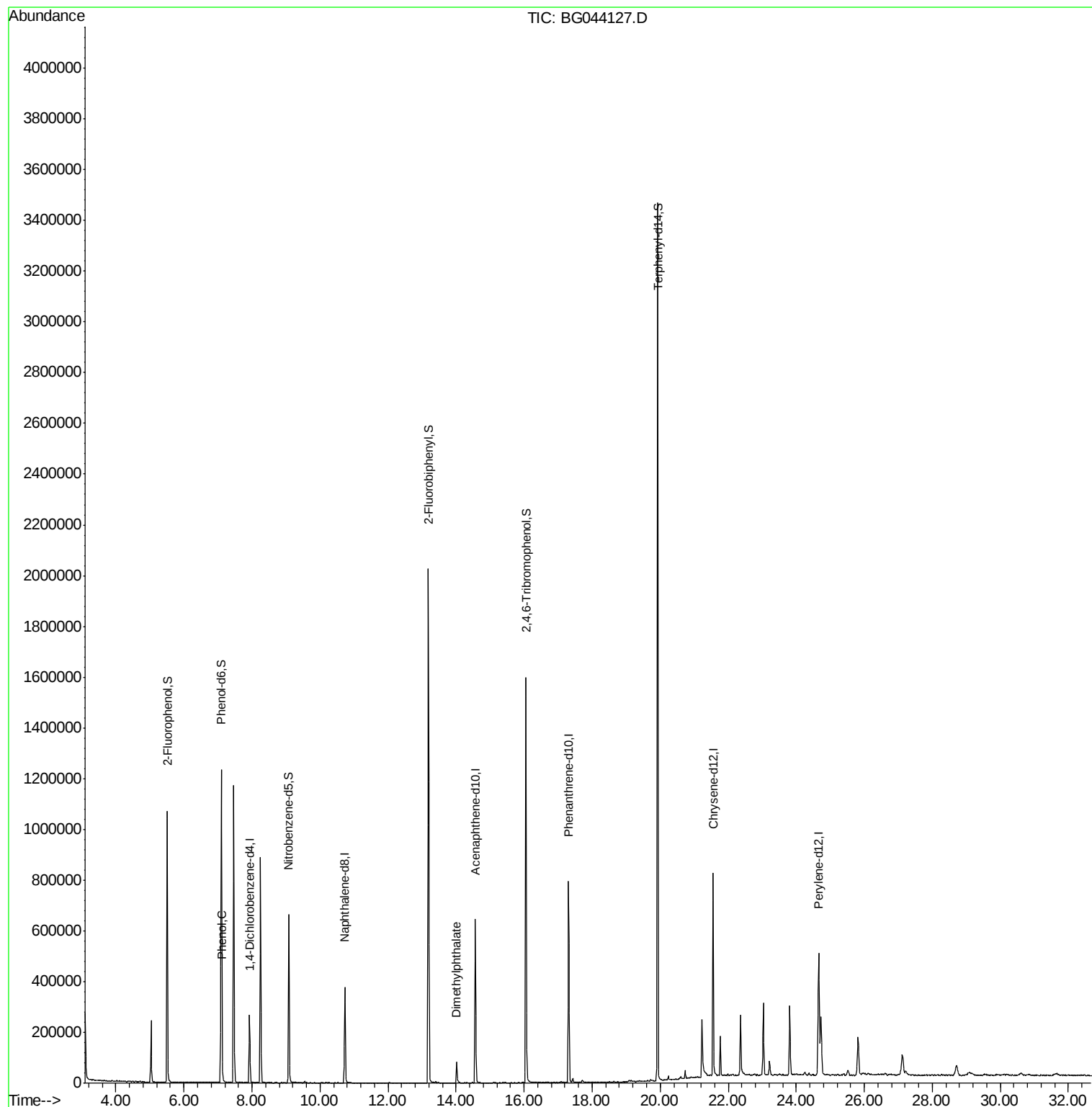
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	76977	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	348767	20.00	ng	-0.03
39) Acenaphthene-d10	14.56	164	246537	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	523360	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	453234	20.00	ng	-0.03
87) Perylene-d12	24.66	264	493620	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	526985	125.70	ng	-0.03
7) Phenol-d6	7.10	99	770922	131.55	ng	-0.02
23) Nitrobenzene-d5	9.08	82	441177	67.67	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	306907	118.96	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1090774	80.16	ng	-0.03
79) Terphenyl-d14	19.93	244	1661101	89.63	ng	-0.03
Target Compounds						
10) Phenol	7.12	94	24610	4.076	ng	90
50) Dimethylphthalate	14.02	163	67847	3.876	ng	97

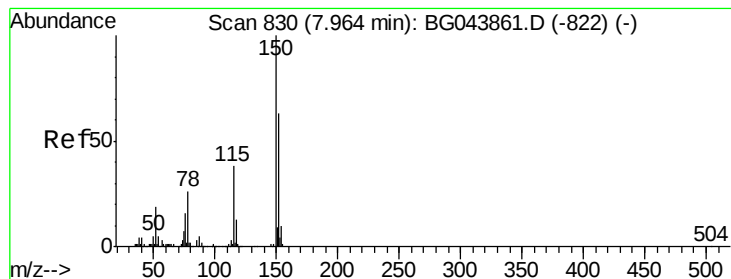
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BG044127.D

Acq: 21 Jan 2020 10:50

Instrument :

BNA_G

ClientSampleId :

EP-14

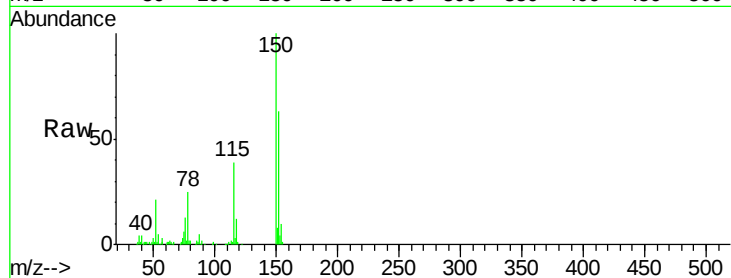
Tot Ion:152 Resp: 76977

Ion Ratio Lower Upper

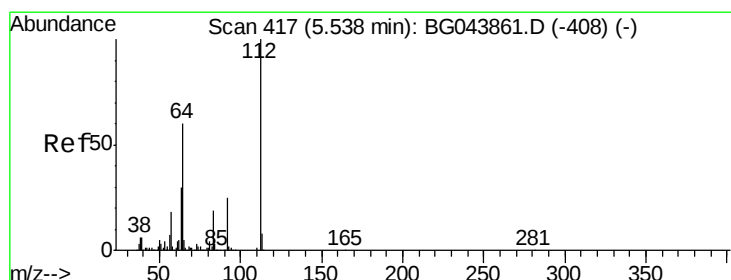
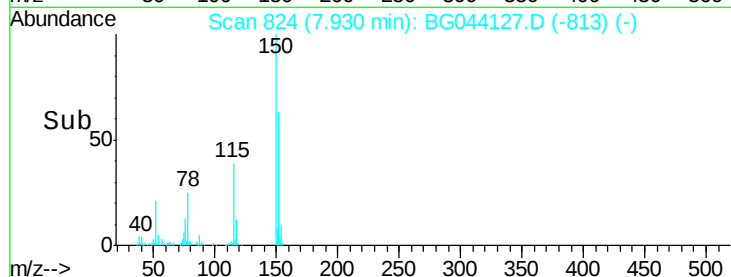
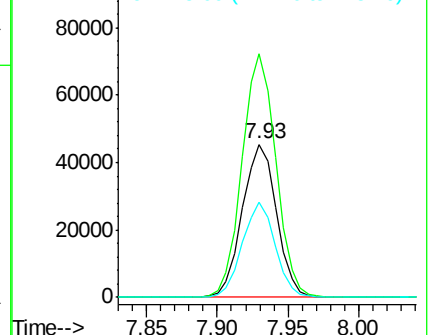
152 100

150 158.7 127.0 190.4

115 62.2 47.8 71.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 125.701 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044127.D

Acq: 21 Jan 2020 10:50

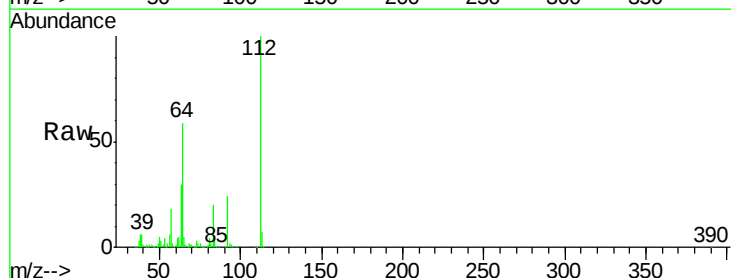
Tgt Ion:112 Resp: 526985

Ion Ratio Lower Upper

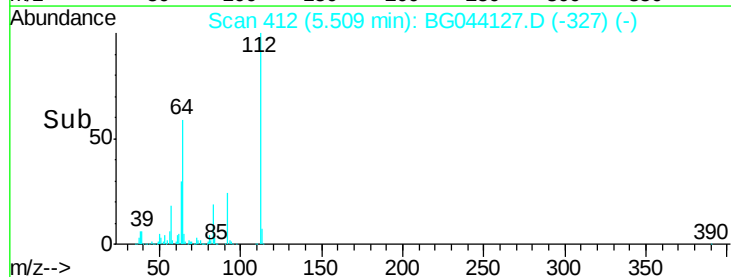
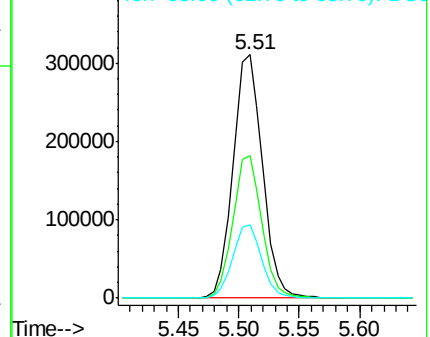
112 100

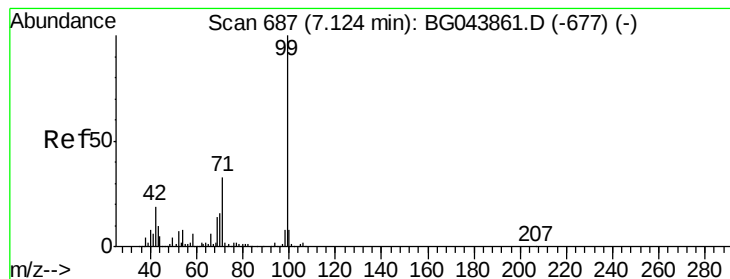
64 58.8 47.8 71.6

63 30.3 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 131.553 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044127.D

Acq: 21 Jan 2020 10:50

Instrument :

BNA_G

ClientSampleId :

EP-14

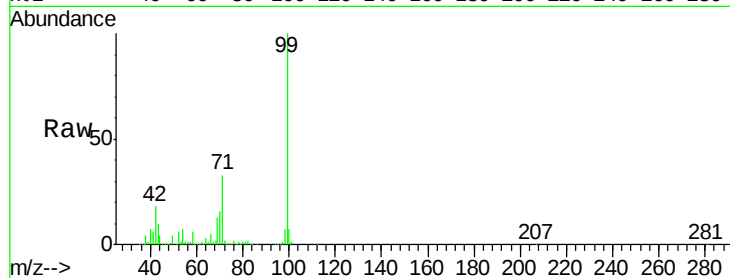
Tot Ion: 99 Resp: 770922

Ion Ratio Lower Upper

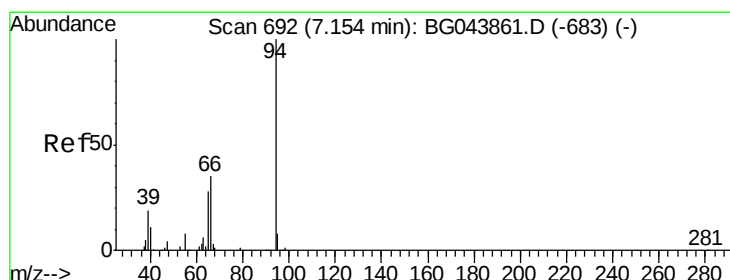
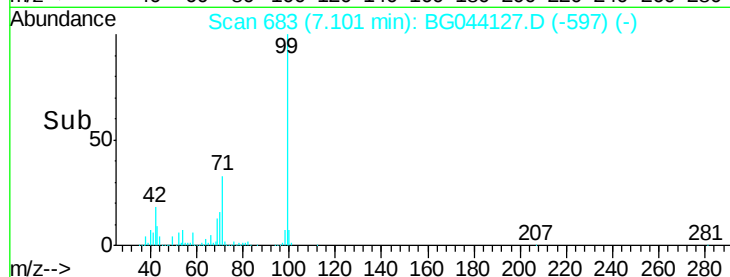
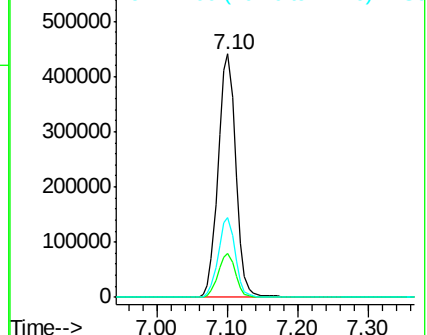
99 100

42 18.1 14.9 22.3

71 32.8 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: 4.076 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044127.D

Acq: 21 Jan 2020 10:50

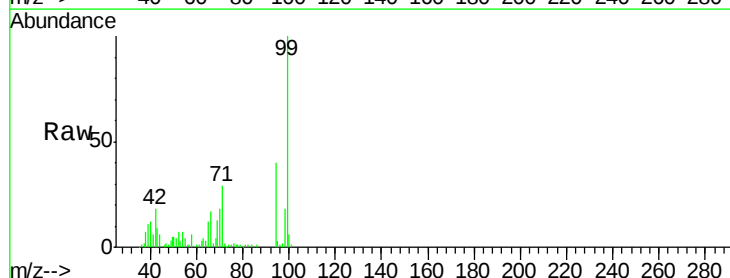
Tgt Ion: 94 Resp: 24610

Ion Ratio Lower Upper

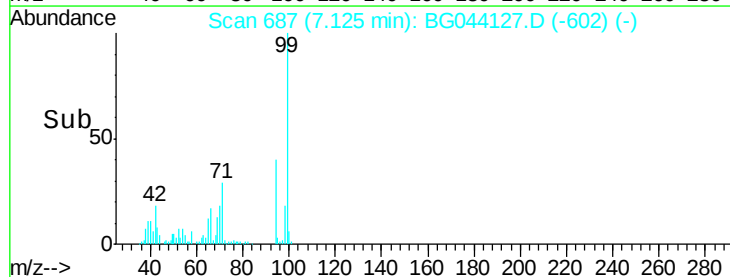
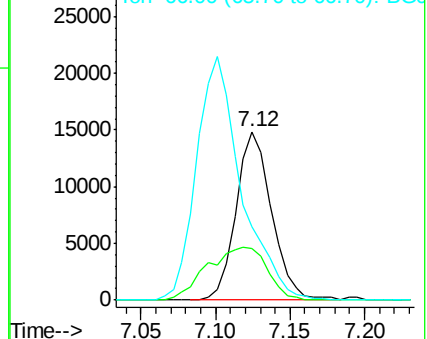
94 100

65 31.0 8.1 48.1

66 43.3 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

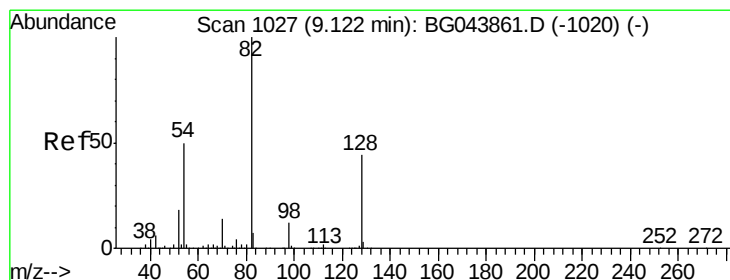
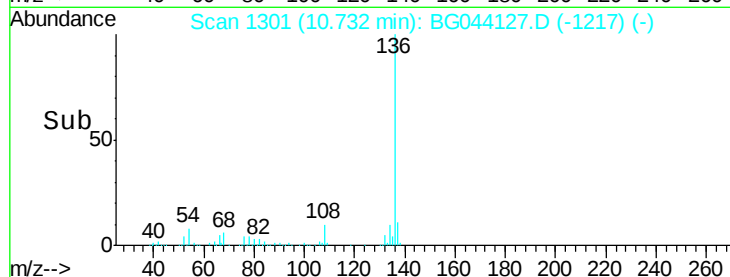
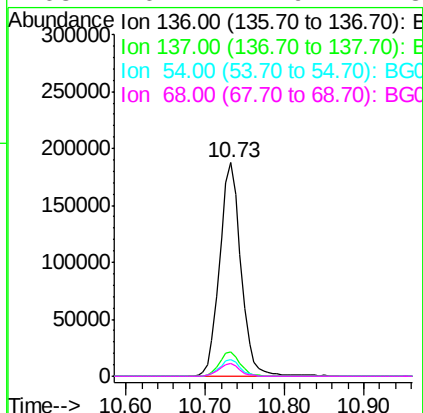
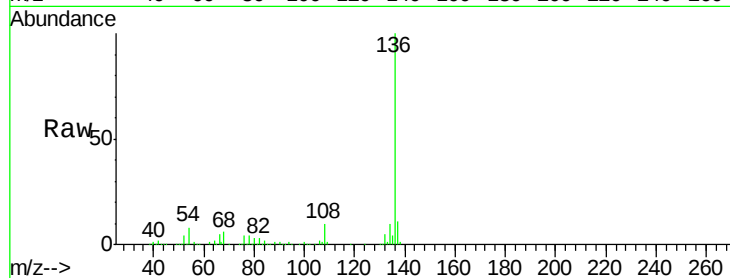




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044127.D
Acq: 21 Jan 2020 10:50

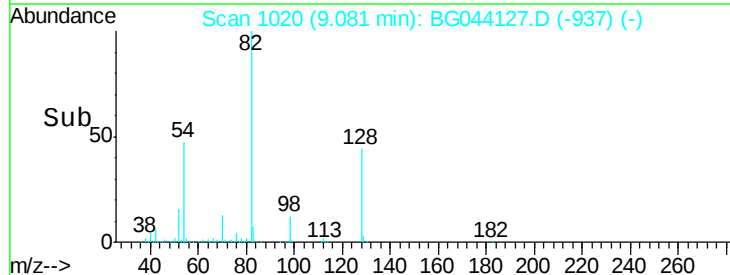
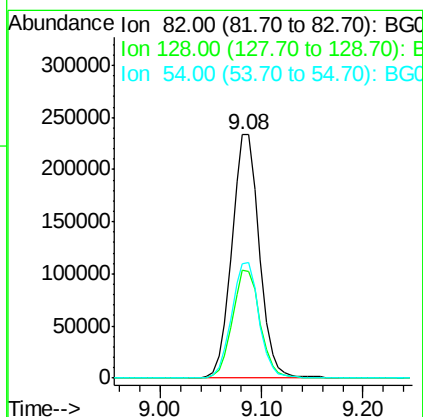
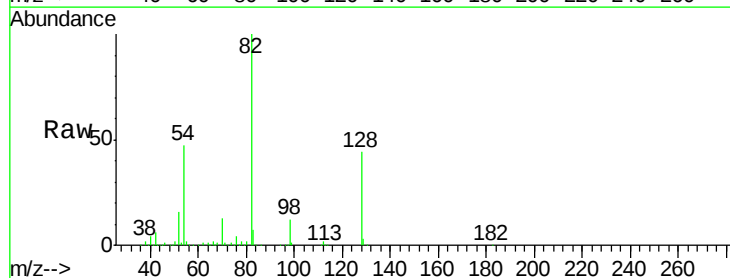
Instrument :
BNA_G
ClientSampled :
EP-14

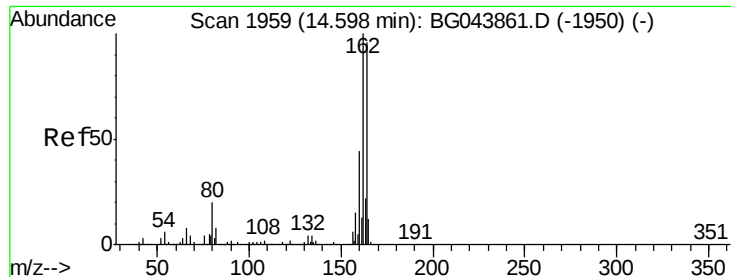
Tot Ion:136	Resp:	348767
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.8	13.2
54 7.8	7.0	10.4
68 6.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 67.670 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044127.D
Acq: 21 Jan 2020 10:50

Tgt Ion: 82	Resp: 441177
Ion Ratio	Lower Upper
82 100	
128 44.4	35.1 52.7
54 47.0	40.1 60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044127.D

Acq: 21 Jan 2020 10:50

Instrument :

BNA_G

ClientSampleId :

EP-14

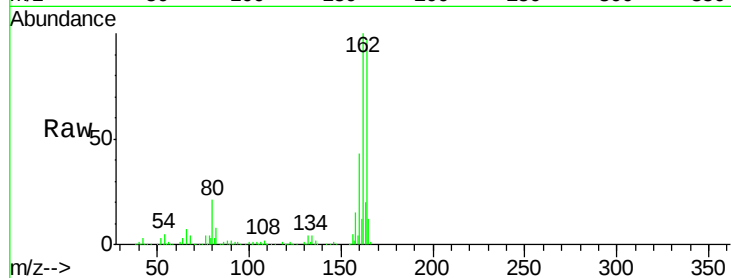
Tot Ion:164 Resp: 246537

Ion Ratio Lower Upper

164 100

162 103.4 83.0 124.4

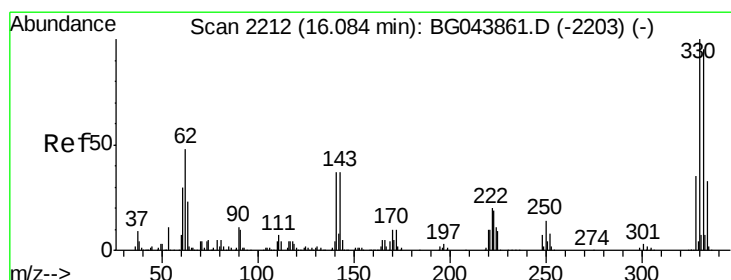
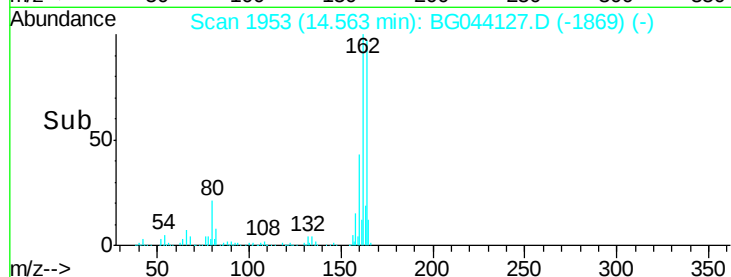
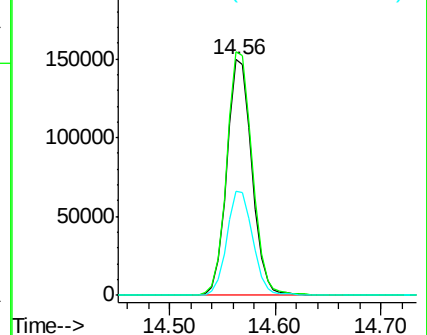
160 44.4 36.1 54.1



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: 118.958 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044127.D

Acq: 21 Jan 2020 10:50

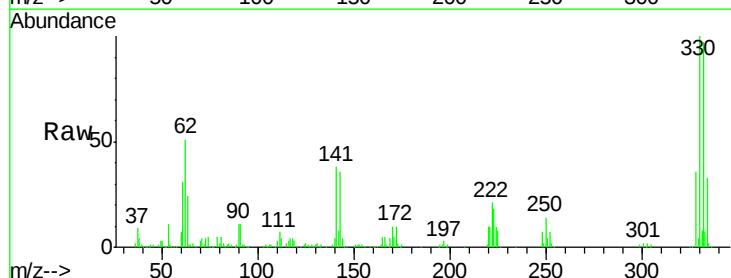
Tgt Ion:330 Resp: 306907

Ion Ratio Lower Upper

330 100

332 96.9 77.2 115.8

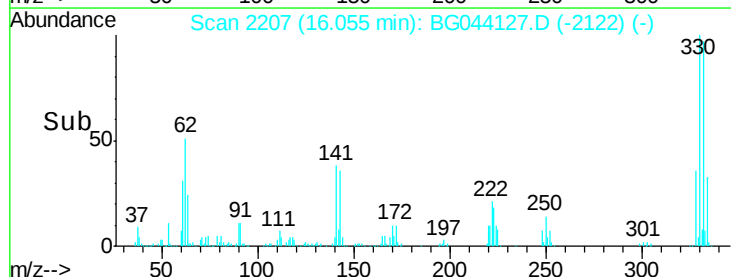
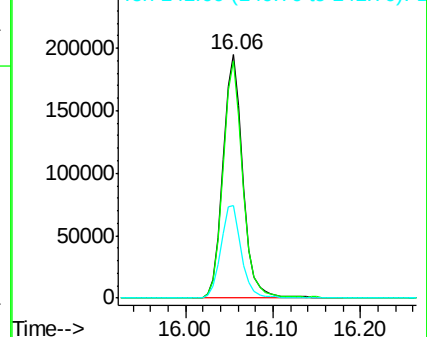
141 39.3 33.1 49.7



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

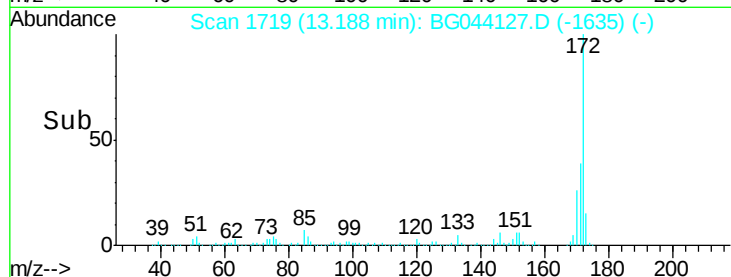
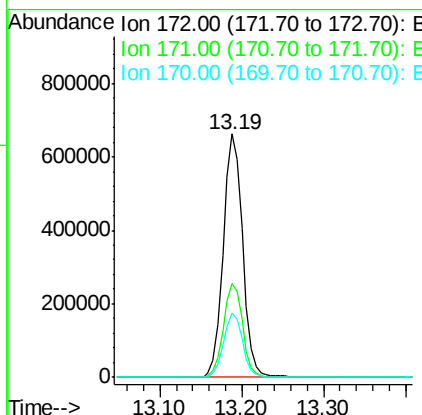
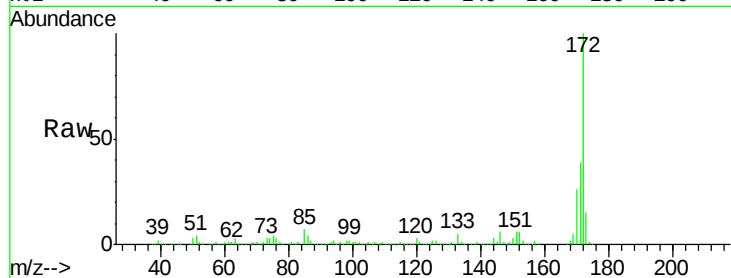




#45
2-Fluorobiphenyl
Concen: 80.160 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044127.D
Acq: 21 Jan 2020 10:50

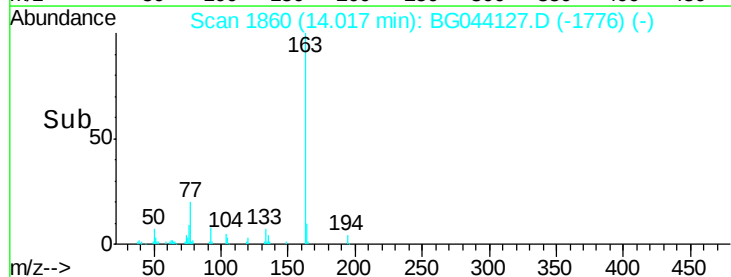
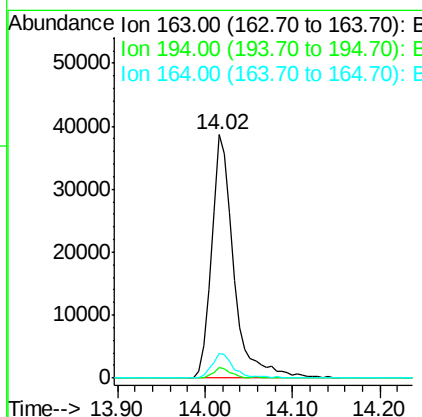
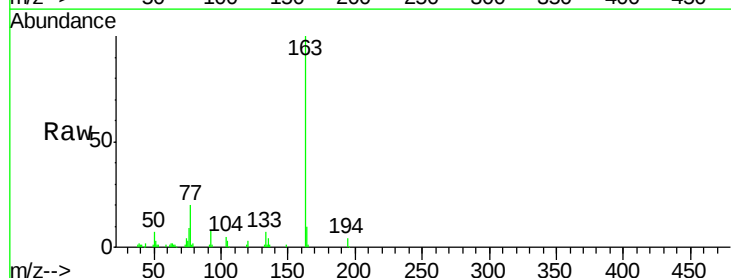
Instrument :
BNA_G
ClientSampled :
EP-14

Tot Ion:172 Resp: 1090774
Ion Ratio Lower Upper
172 100
171 38.5 35.8 53.8
170 26.3 24.2 36.4



#50
Dimethylphthalate
Concen: 3.876 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.03 min
Lab File: BG044127.D
Acq: 21 Jan 2020 10:50

Tgt Ion:163 Resp: 67847
Ion Ratio Lower Upper
163 100
194 4.3 3.7 5.5
164 10.0 9.3 13.9

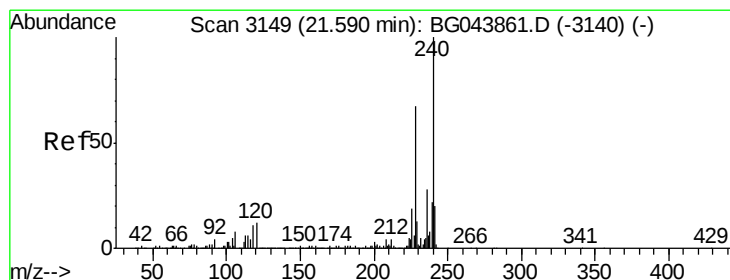
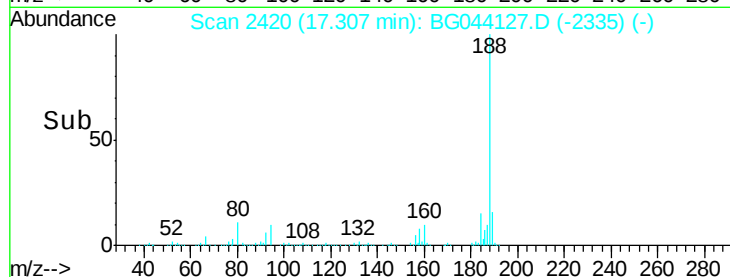
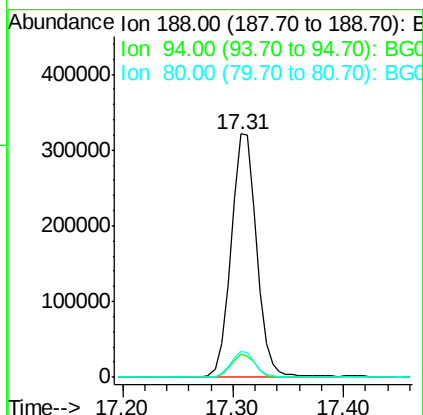
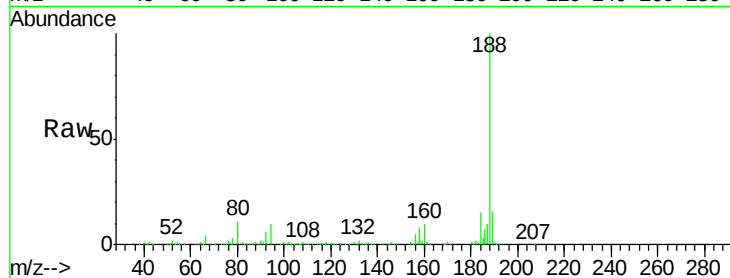




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044127.D
Acq: 21 Jan 2020 10:50

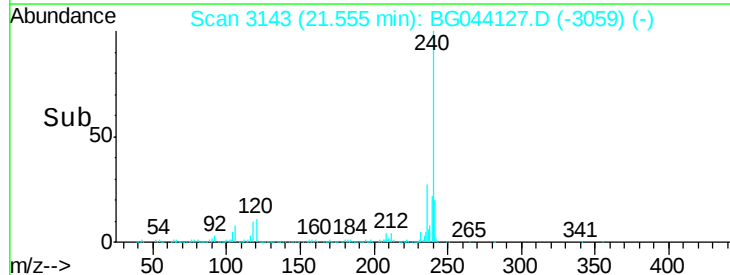
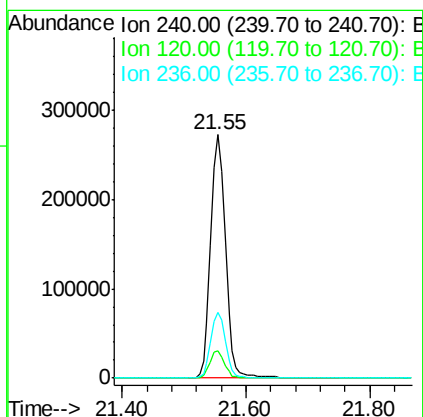
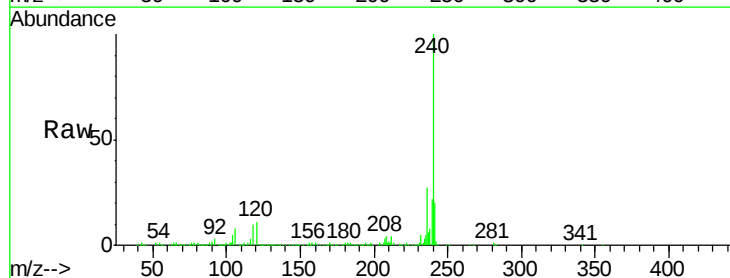
Instrument :
BNA_G
ClientSampleId :
EP-14

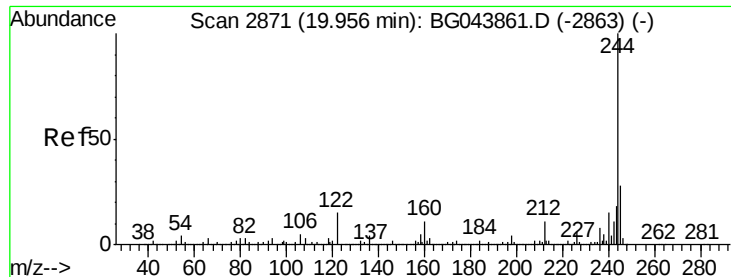
Tot Ion:188 Resp: 523360
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 10.7 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044127.D
Acq: 21 Jan 2020 10:50

Tgt Ion:240 Resp: 453234
Ion Ratio Lower Upper
240 100
120 11.4 9.6 14.4
236 27.1 22.2 33.2





#79

Terphenyl-d14

Concen: 89.633 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044127.D

Acq: 21 Jan 2020 10:50

Instrument :

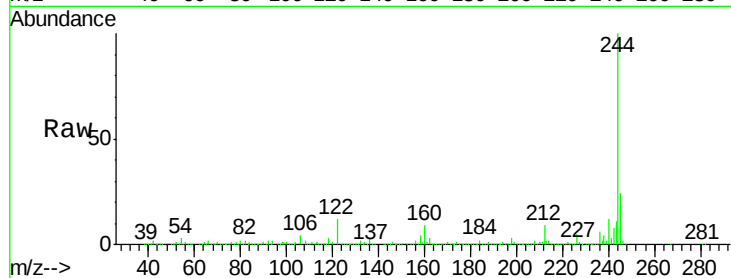
BNA_G

ClientSampleId :

EP-14

Tot Ion:244 Resp: 1661101

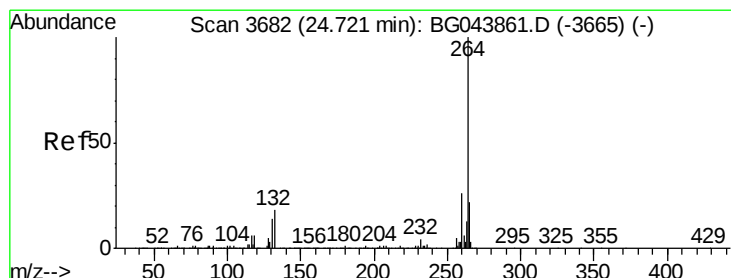
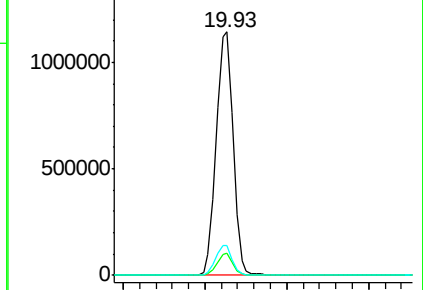
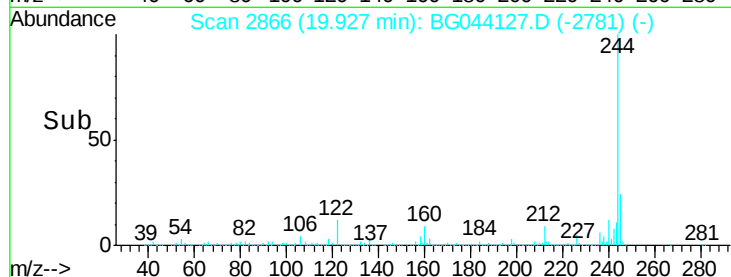
Ion	Ratio	Lower	Upper
244	100		
212	9.0	8.6	13.0
122	12.1	11.9	17.9



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

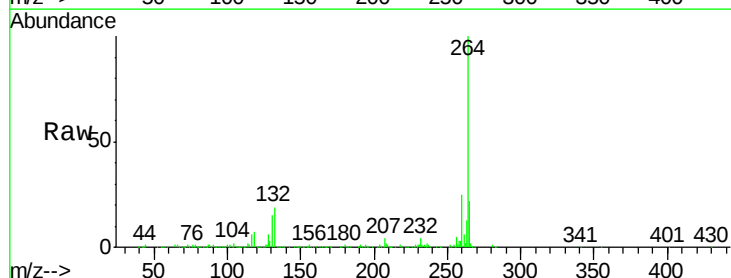
Delta R.T. -0.06 min

Lab File: BG044127.D

Acq: 21 Jan 2020 10:50

Tgt Ion:264 Resp: 493620

Ion	Ratio	Lower	Upper
264	100		
260	24.9	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

