

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
 Data File : BG045282.D
 Acq On : 7 May 2020 23:19
 Operator : CG/JU
 Sample : L2530-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-14

Quant Time: May 08 04:11:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 12:51:10 2020
 Response via : Initial Calibration

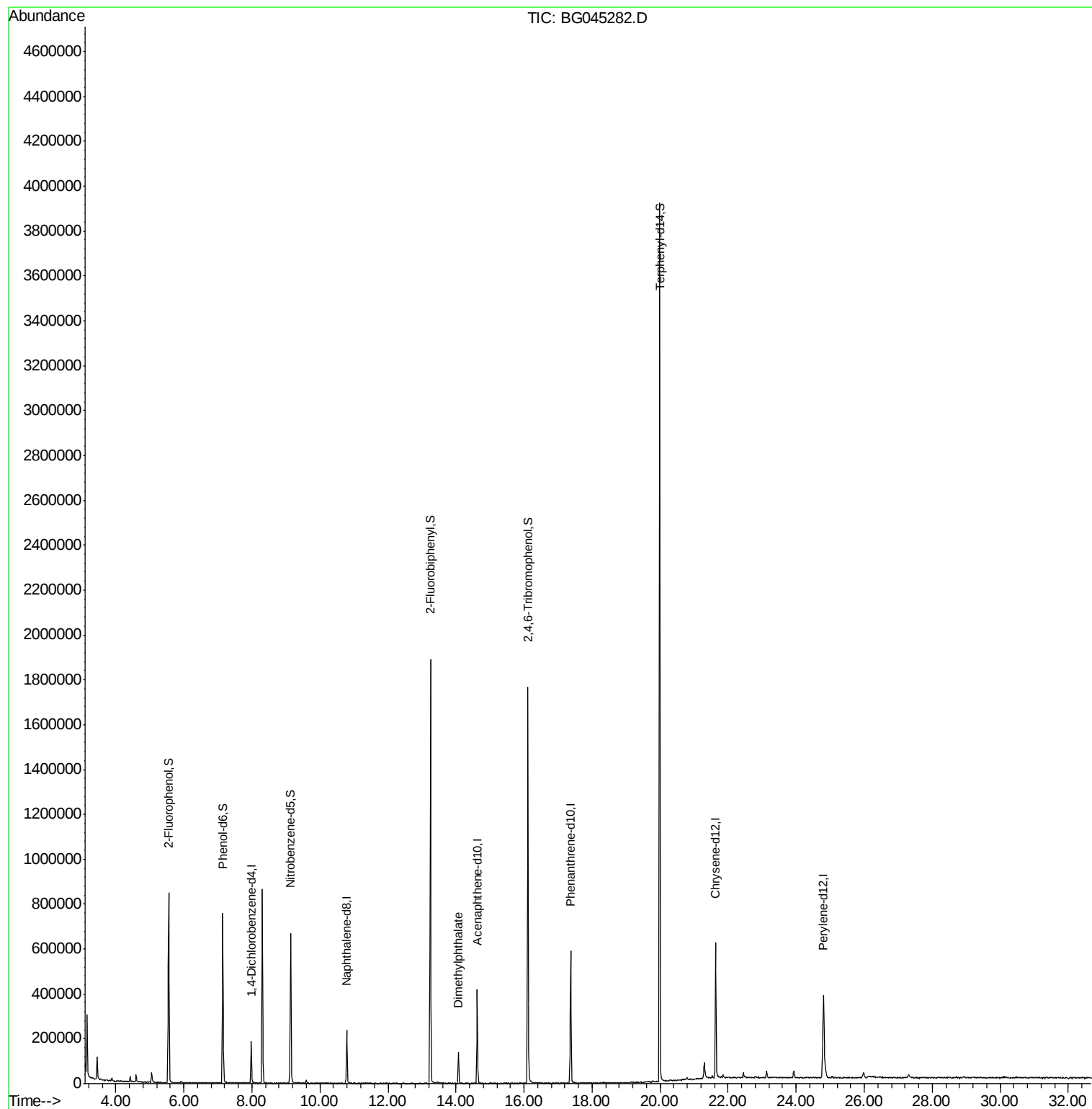
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	55650	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	214305	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	157054	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	387679	20.00	ng	0.00
76) Chrysene-d12	21.64	240	398511	20.00	ng	0.00
87) Perylene-d12	24.81	264	427034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	409817	121.58	ng	0.00
7) Phenol-d6	7.14	99	504662	100.77	ng	0.00
23) Nitrobenzene-d5	9.14	82	451910	96.22	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	358822	147.89	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1053716	98.38	ng	0.00
79) Terphenyl-d14	19.98	244	1964280	107.43	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.07	163	100611	7.868	ng	Qvalue # 98

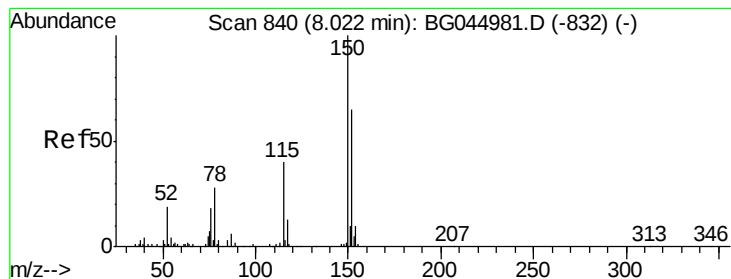
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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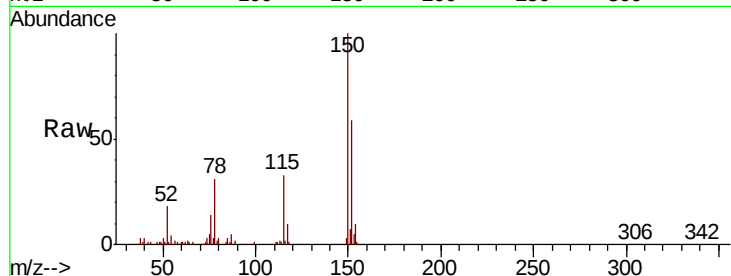


#1

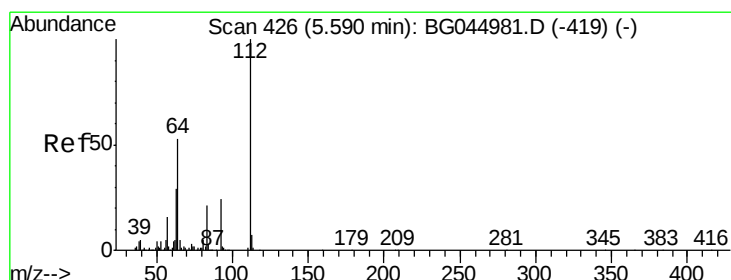
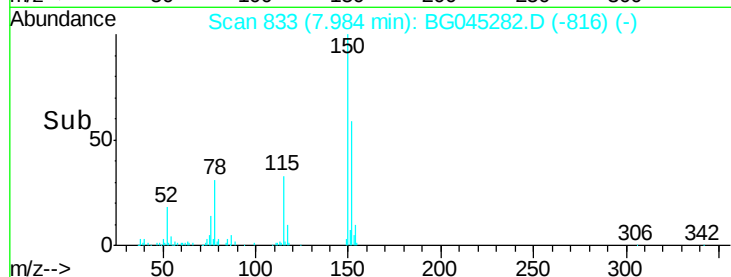
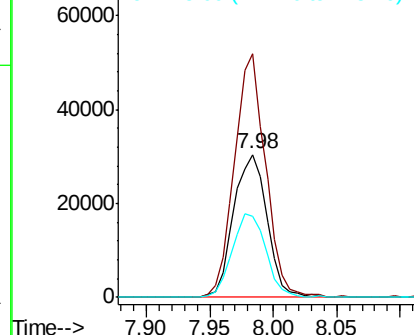
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. 0.00 min
Lab File: BG045282.D
Acq: 7 May 2020 23:19

Instrument :
BNA_G
ClientSampleId :
RO-14

Tot Ion	Ratio	Lower	Upper
152	100		
150	170.1	123.6	185.4
115	56.7	49.1	73.7



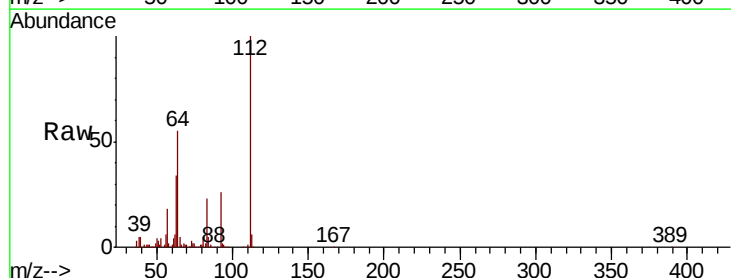
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



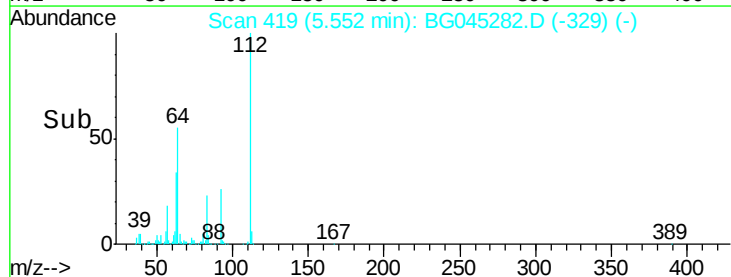
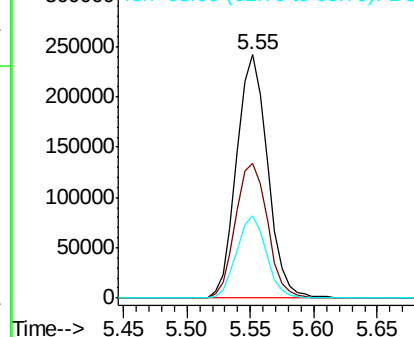
#5

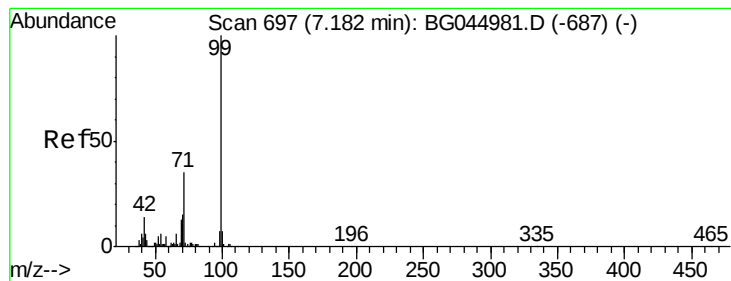
2-Fluorophenol
Concen: 121.579 ng
RT: 5.55 min Scan# 419
Delta R.T. 0.00 min
Lab File: BG045282.D
Acq: 7 May 2020 23:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	42.4	63.6
63	34.0	23.1	34.7



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: 100.768 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045282.D

Acq: 7 May 2020 23:19

Instrument :

BNA_G

ClientSampleId :

RO-14

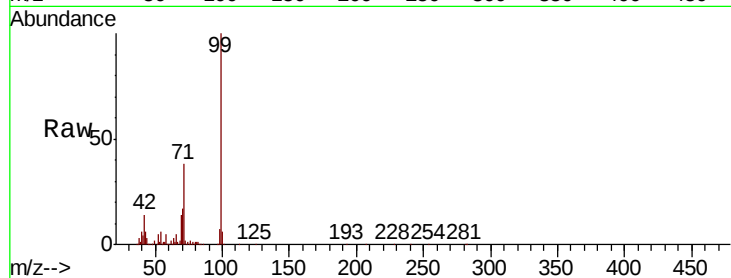
Tot Ion: 99 Resp: 504662

Ion Ratio Lower Upper

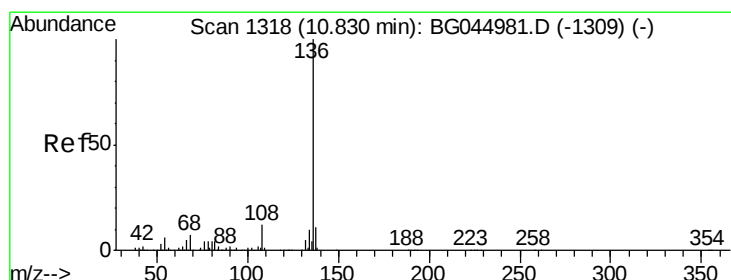
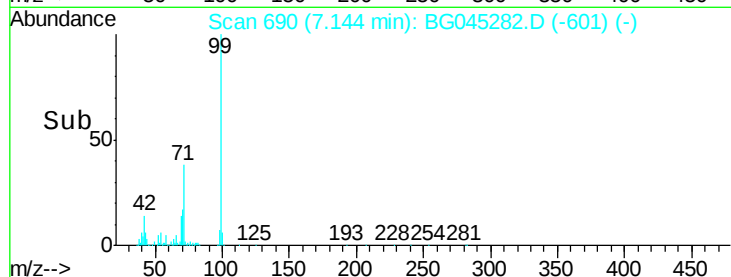
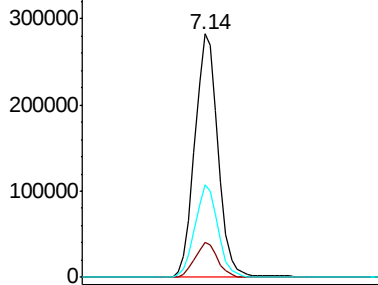
99 100

42 14.5 11.3 16.9

71 37.8 28.3 42.5



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BG045282.D

Acq: 7 May 2020 23:19

Tgt Ion: 136 Resp: 214305

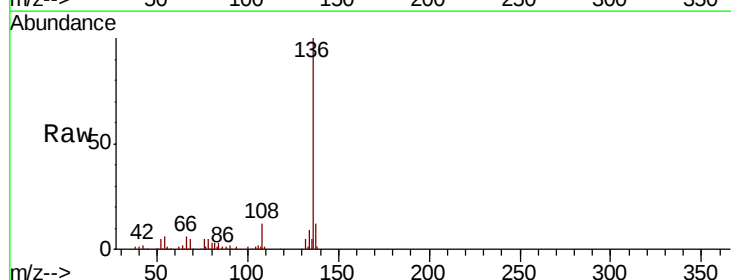
Ion Ratio Lower Upper

136 100

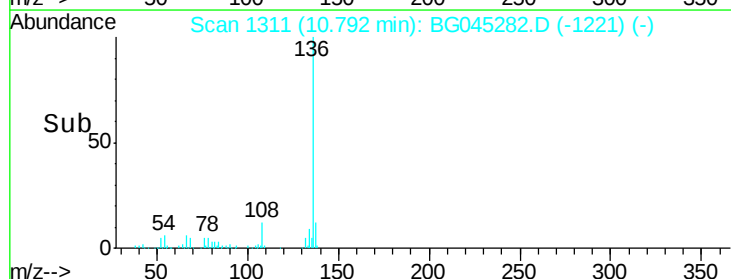
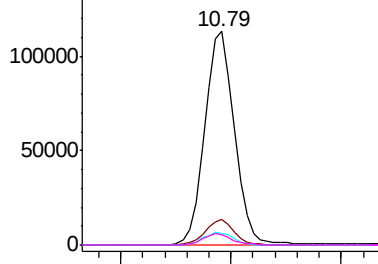
137 12.1 8.6 13.0

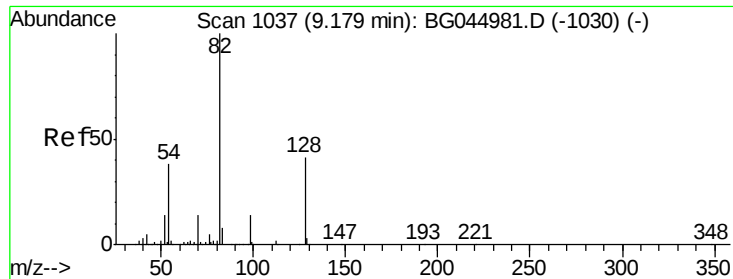
54 5.7 4.8 7.2

68 4.9 5.2 7.8#



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

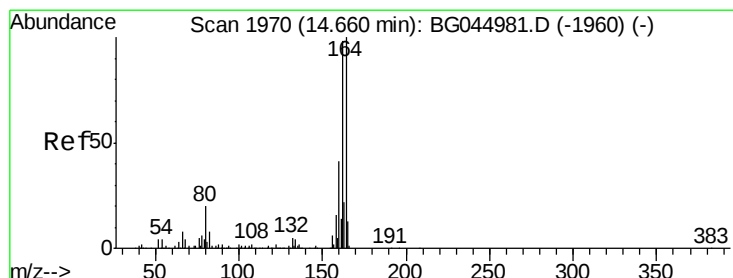
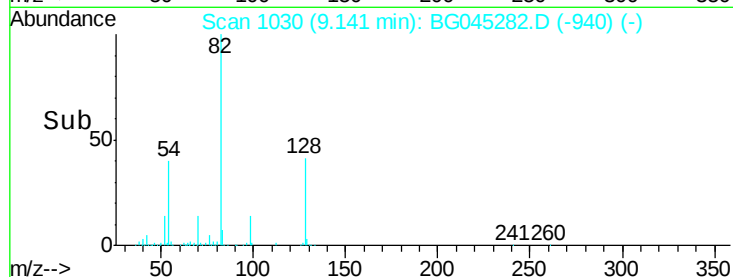
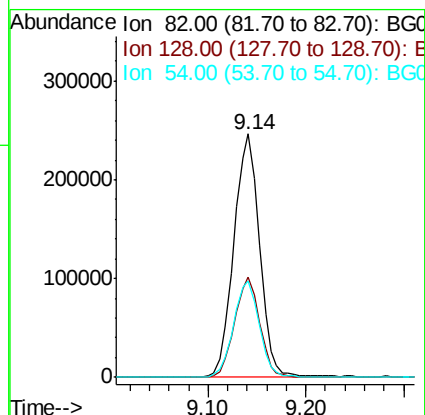
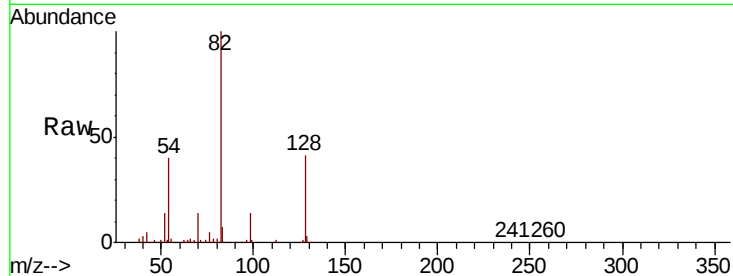




#23
Nitrobenzene-d5
Concen: 96.219 ng
RT: 9.14 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG045282.D
Acq: 7 May 2020 23:19

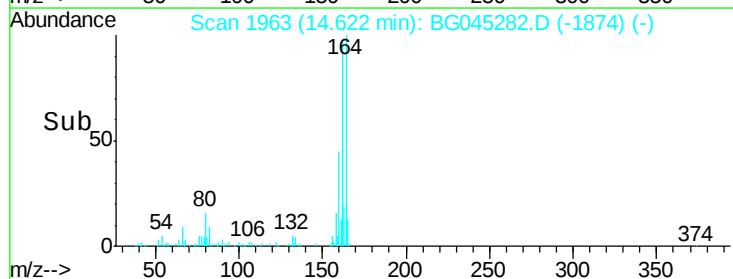
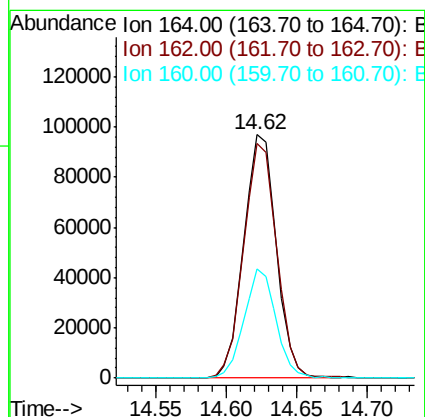
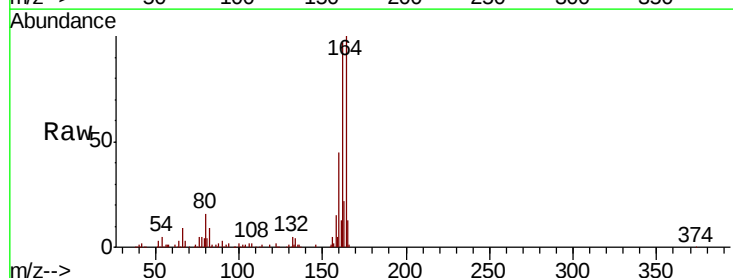
Instrument :
BNA_G
ClientSampleId :
RO-14

Tot Ion	82	Resp	451910
Ion Ratio	Lower	Upper	
82	100		
128	41.1	33.0	49.4
54	39.8	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG045282.D
Acq: 7 May 2020 23:19

Tgt Ion	164	Resp	157054
Ion Ratio	Lower	Upper	
164	100		
162	96.6	78.7	118.1
160	44.8	32.8	49.2

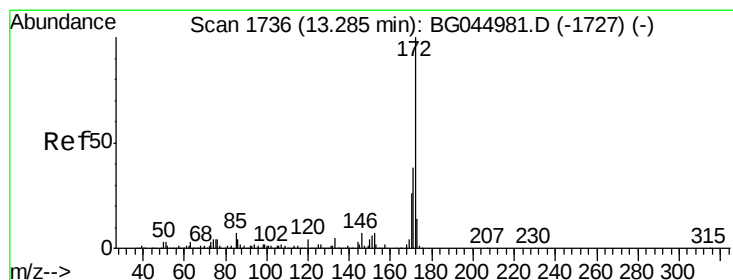
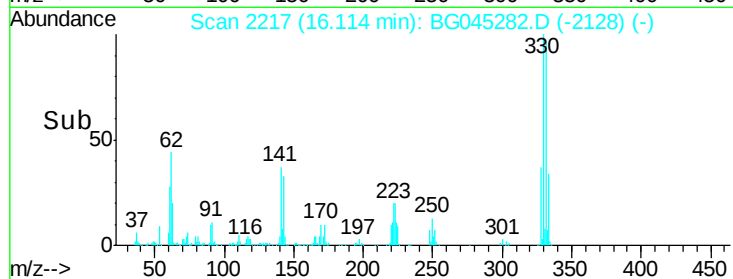
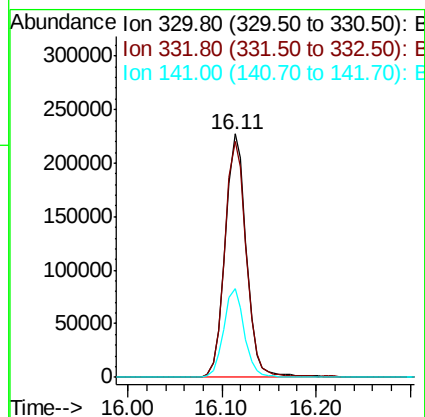
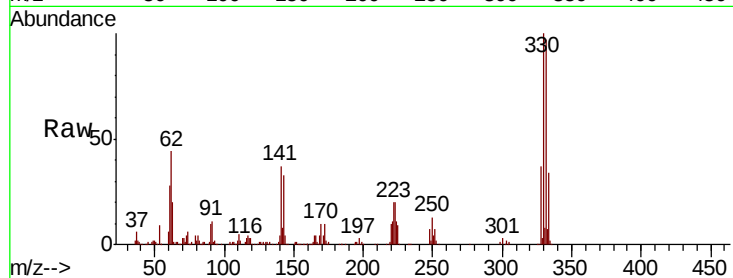




#42
 2,4,6-Tribromophenol
 Concen: 147.890 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BG045282.D
 Acq: 7 May 2020 23:19

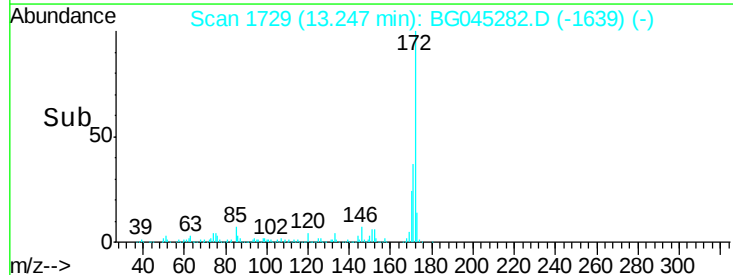
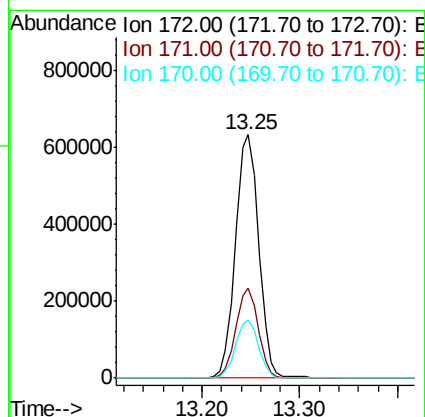
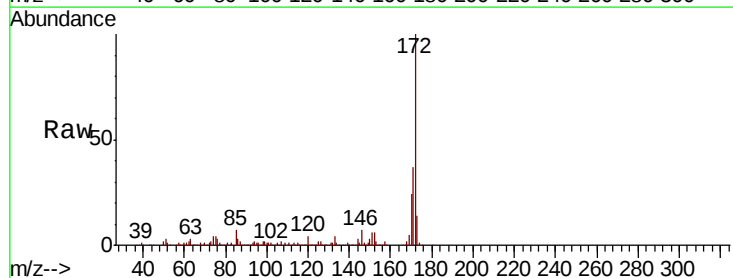
Instrument :
 BNA_G
 ClientSampleId :
 RO-14

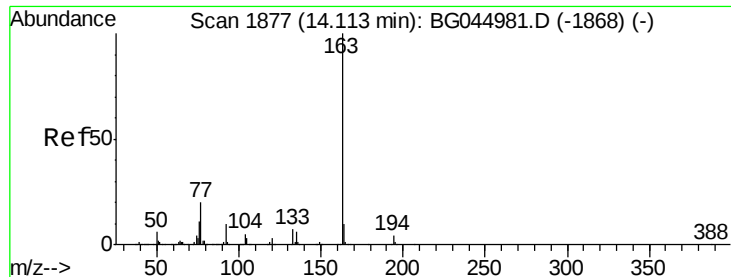
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	79.1	118.7
141	35.8	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 98.379 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG045282.D
 Acq: 7 May 2020 23:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	23.6	20.5	30.7





#50

Dimethylphthalate

Concen: 7.868 ng

RT: 14.07 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BG045282.D

Acq: 7 May 2020 23:19

Instrument :

BNA_G

ClientSampleId :

RO-14

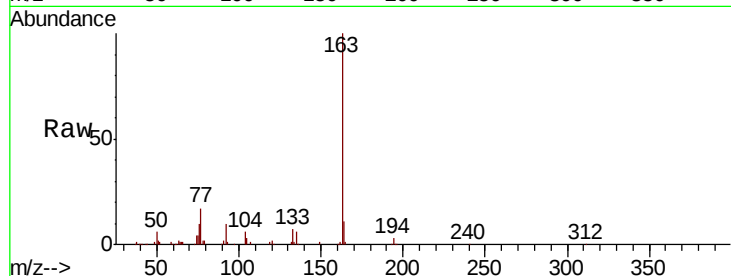
Tot Ion:163 Resp: 100611

Ion Ratio Lower Upper

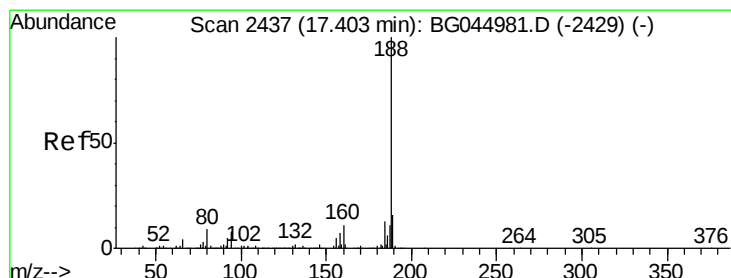
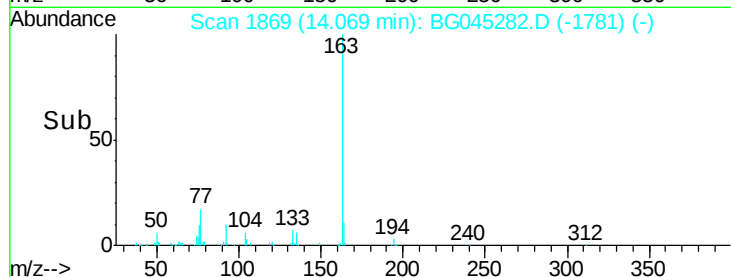
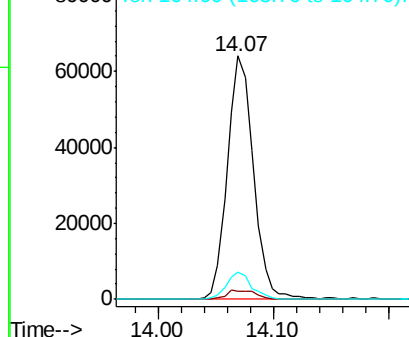
163 100

194 3.3 3.5 5.3#

164 11.0 8.2 12.4



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: 17.37 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BG045282.D

Acq: 7 May 2020 23:19

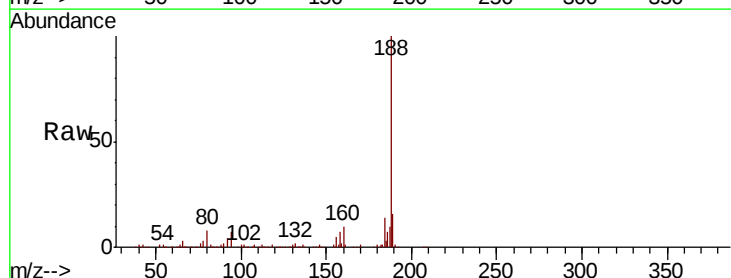
Tgt Ion:188 Resp: 387679

Ion Ratio Lower Upper

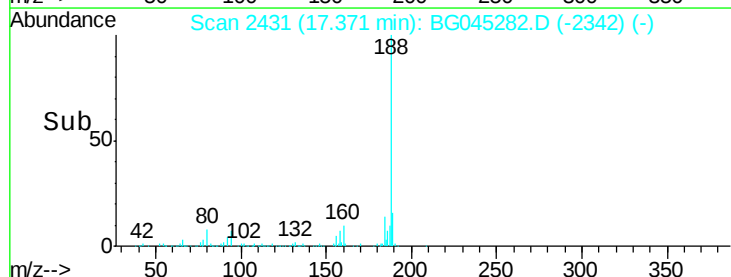
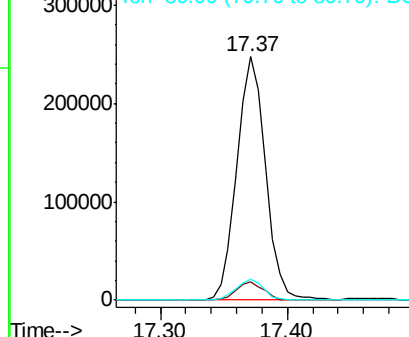
188 100

94 7.4 6.2 9.4

80 8.3 7.0 10.6



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: 21.64 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG045282.D

Acq: 7 May 2020 23:19

Instrument :

BNA_G

ClientSampleId :

RO-14

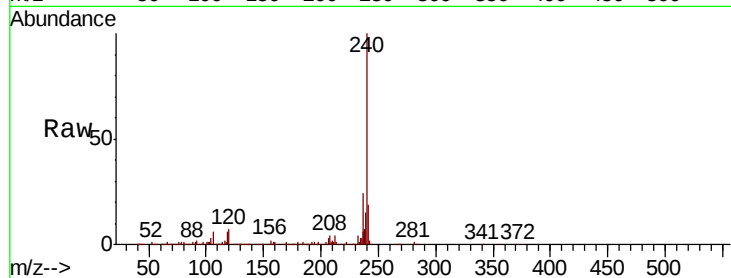
Tot Ion:240 Resp: 398511

Ion Ratio Lower Upper

240 100

120 7.2 6.6 10.0

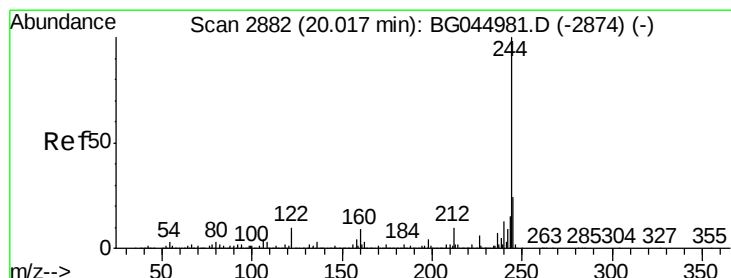
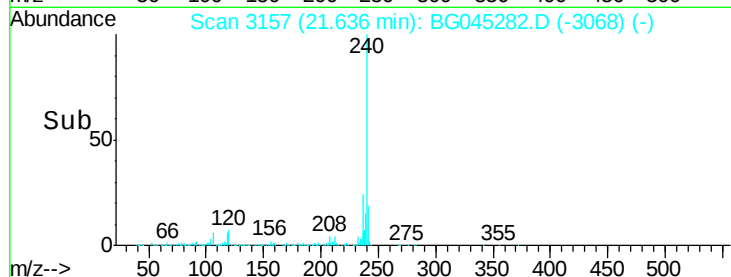
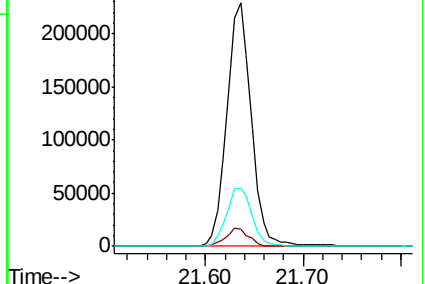
236 23.9 22.2 33.2



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: 107.432 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG045282.D

Acq: 7 May 2020 23:19

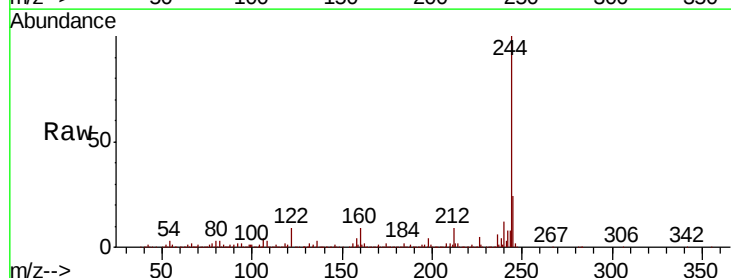
Tgt Ion:244 Resp: 1964280

Ion Ratio Lower Upper

244 100

212 9.5 7.9 11.9

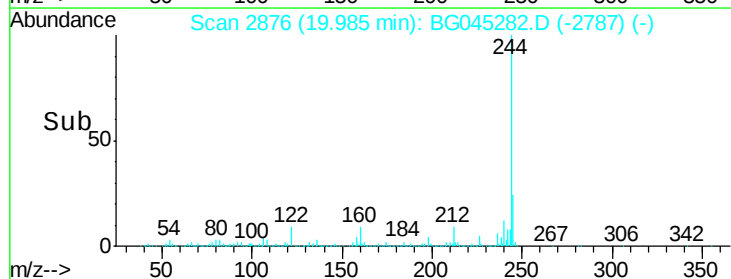
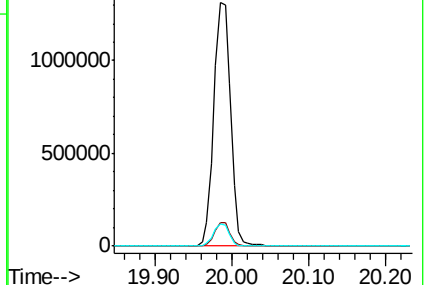
122 9.3 7.7 11.5



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

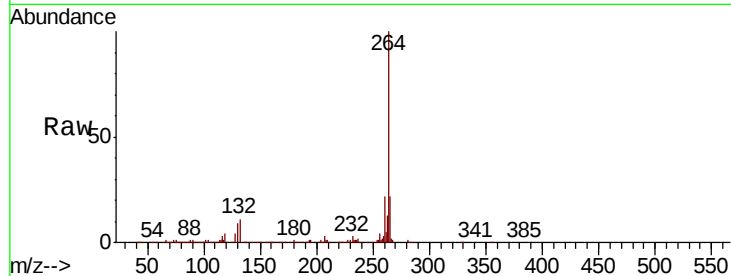




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.81 min Scan# 3697
 Delta R.T. -0.01 min
 Lab File: BG045282.D
 Acq: 7 May 2020 23:19

Instrument :
 BNA_G
 ClientSampleId :
 RO-14

Tot Ion:	264	Resp:	427034
Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	21.6	19.0	28.4



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

