

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
 Data File : BG046009.D
 Acq On : 10 Jul 2020 16:29
 Operator : CG/JU
 Sample : L3203-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-06

Quant Time: Jul 10 17:33:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

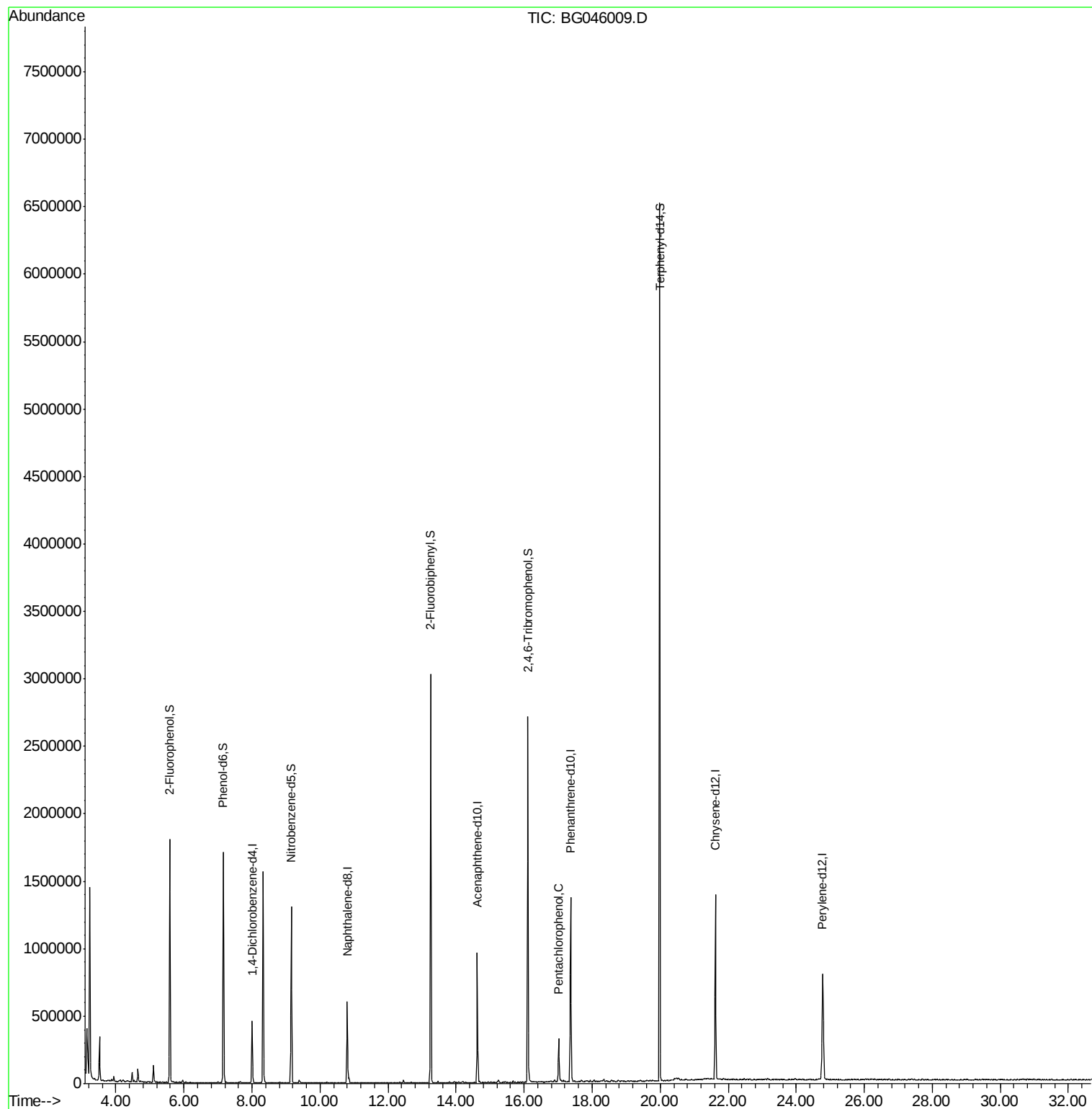
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	129094	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	510150	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	323890	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	794082	20.00	ng	0.00
76) Chrysene-d12	21.62	240	764300	20.00	ng	-0.01
86) Perylene-d12	24.78	264	746888	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	781316	98.15	ng	0.00
7) Phenol-d6	7.16	99	1027774	89.68	ng	0.00
23) Nitrobenzene-d5	9.16	82	822729	92.82	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	424139	141.10	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1541133	74.22	ng	0.00
79) Terphenyl-d14	19.98	244	2659449	77.44	ng	0.00
Target Compounds						
70) Pentachlorophenol	17.02	266	55277	11.171	ng	Qvalue 97

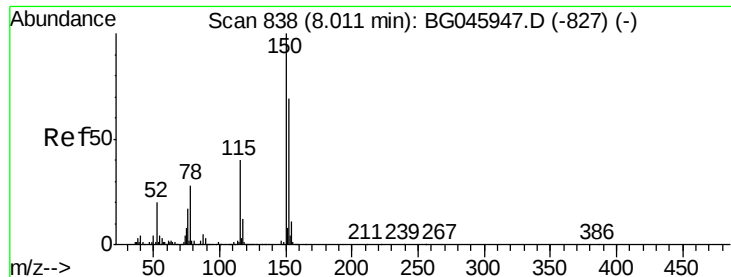
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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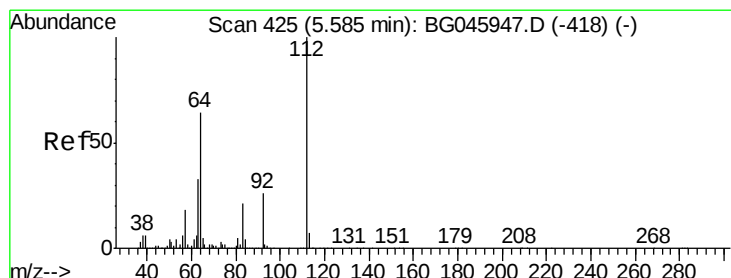
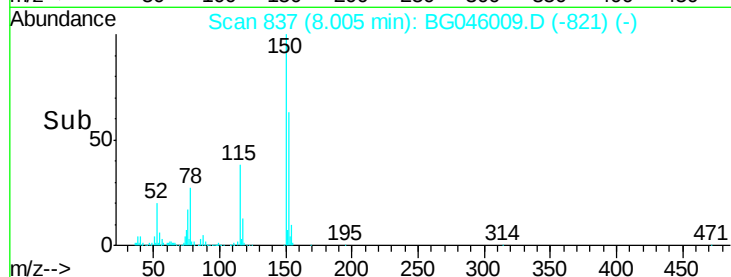
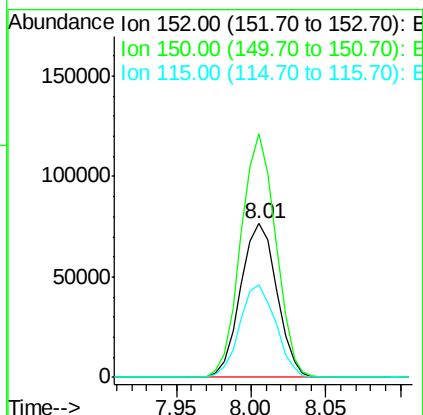
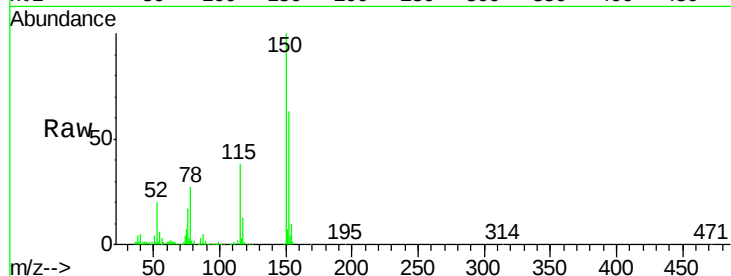


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG046009.D
Acq: 10 Jul 2020 16:29

Instrument :
BNA_G
ClientSampleId :
RO-06

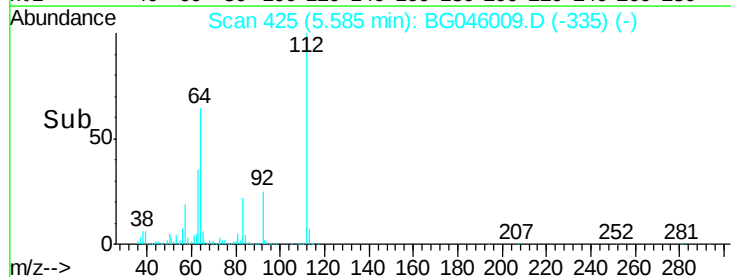
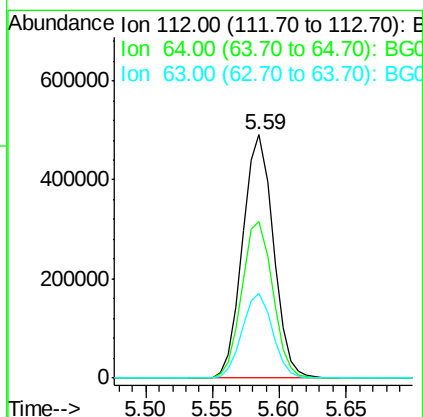
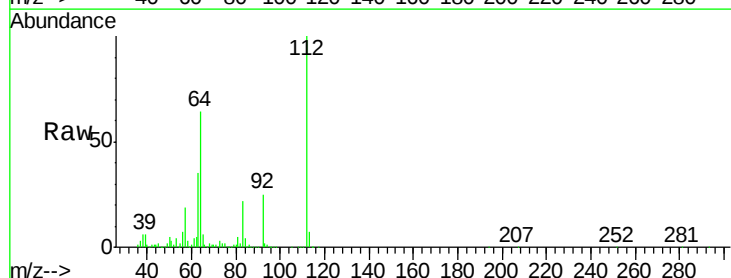
Tot Ion:152 Resp: 129094
Ion Ratio Lower Upper
152 100
150 158.5 116.7 175.1
115 60.6 47.4 71.0

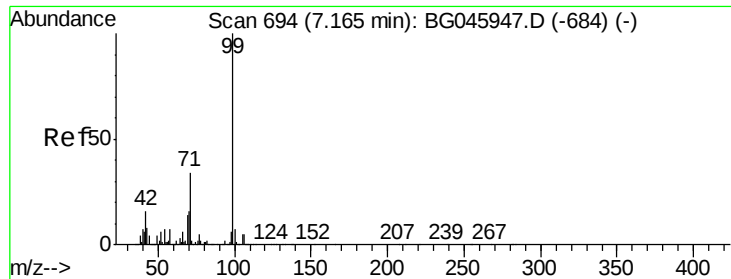


#5

2-Fluorophenol
Concen: 98.148 ng
RT: 5.59 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG046009.D
Acq: 10 Jul 2020 16:29

Tgt Ion:112 Resp: 781316
Ion Ratio Lower Upper
112 100
64 64.5 51.4 77.2
63 34.8 26.6 40.0





#7

Phenol-d6

Concen: 89.676 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG046009.D

Acq: 10 Jul 2020 16:29

Instrument :

BNA_G

ClientSampleId :

RO-06

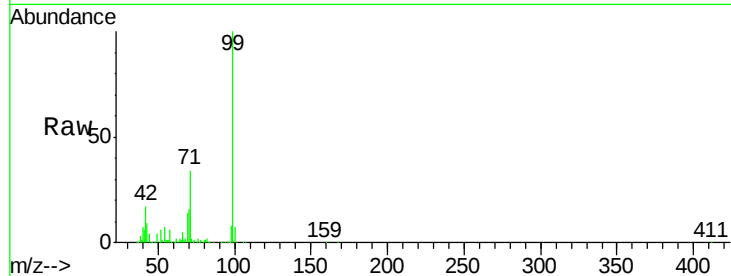
Tot Ion: 99 Resp: 1027774

Ion Ratio Lower Upper

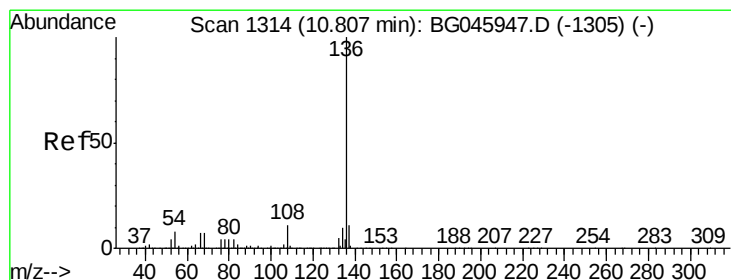
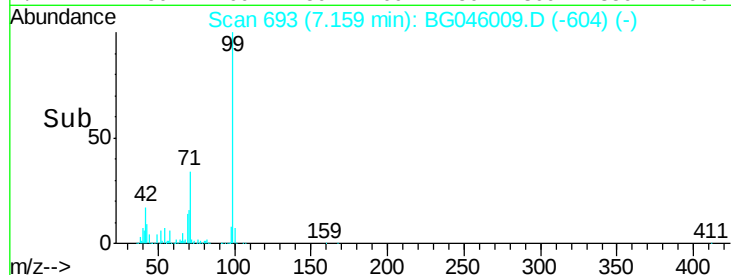
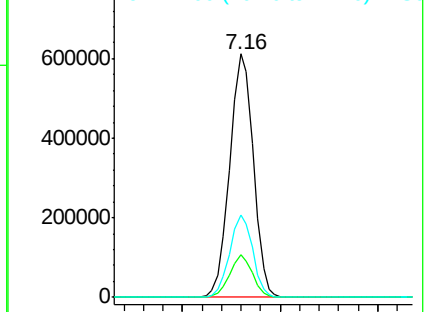
99 100

42 17.3 13.0 19.4

71 33.7 27.5 41.3



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: 10.80 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG046009.D

Acq: 10 Jul 2020 16:29

Tgt Ion: 136 Resp: 510150

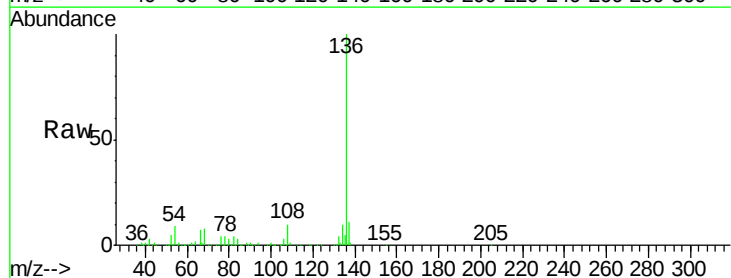
Ion Ratio Lower Upper

136 100

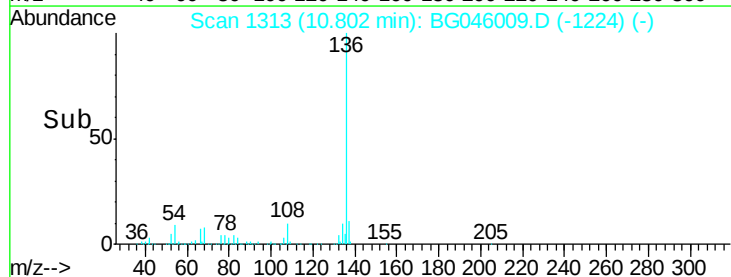
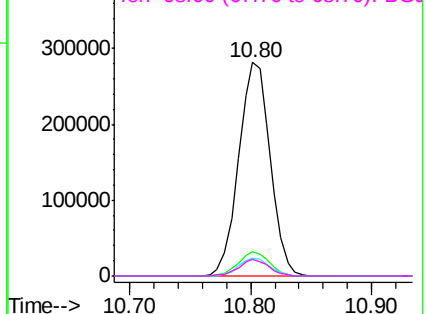
137 11.4 9.2 13.8

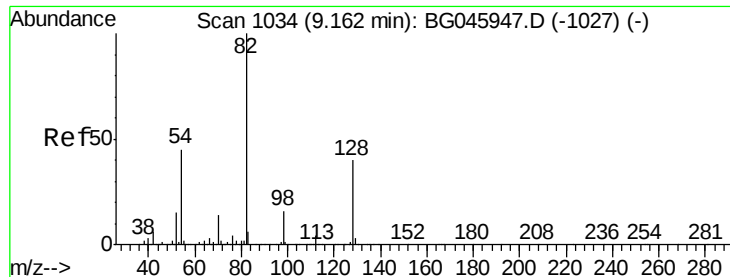
54 8.7 6.2 9.4

68 7.6 5.8 8.8



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

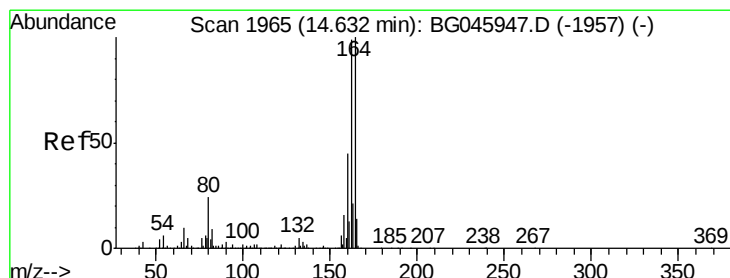
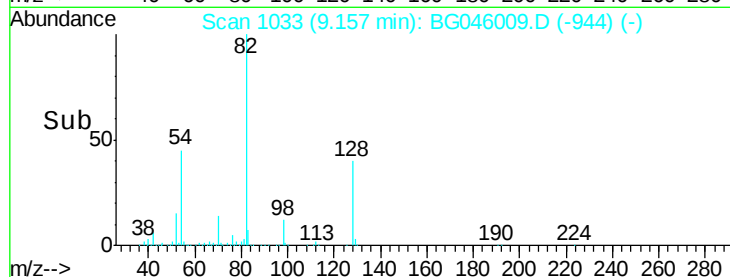
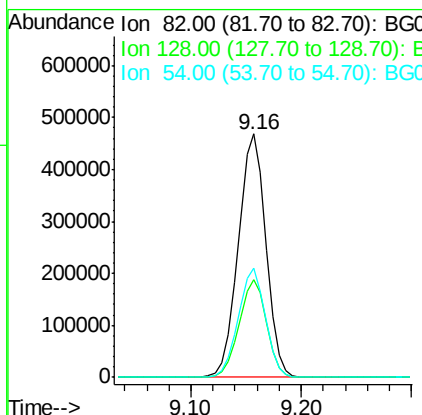
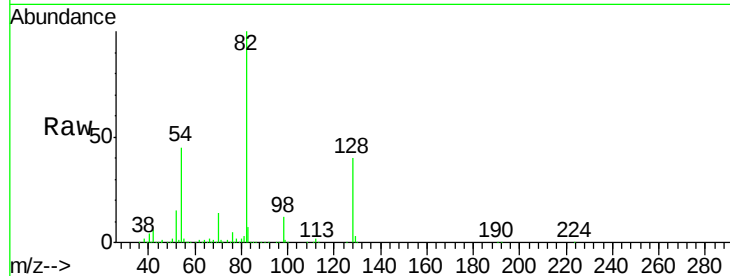




#23
Nitrobenzene-d5
Concen: 92.825 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG046009.D
Acq: 10 Jul 2020 16:29

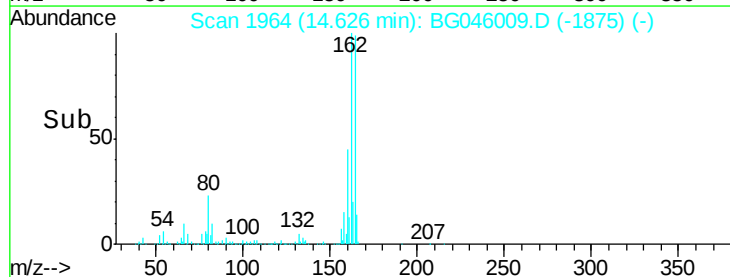
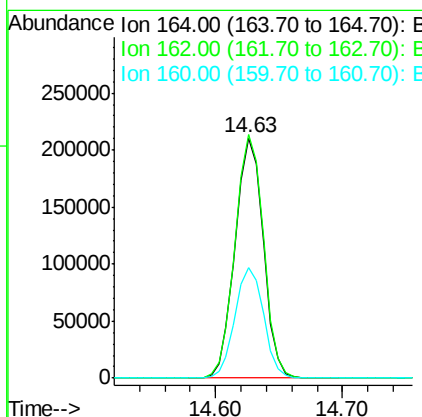
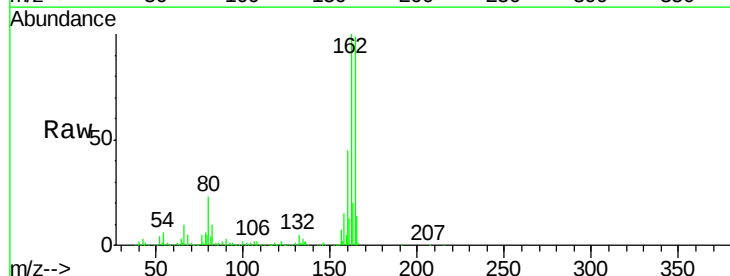
Instrument :
BNA_G
ClientSampleId :
RO-06

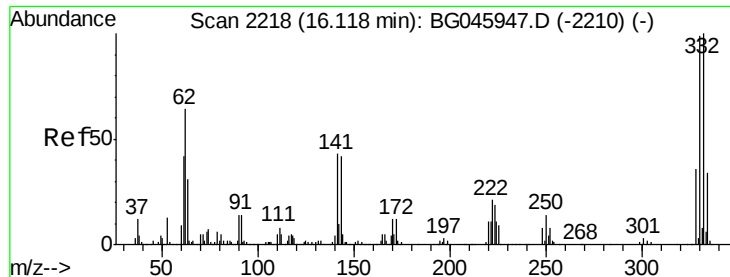
Tot Ion	82	Resp	822729
Ion Ratio	Lower	Upper	
82	100		
128	40.1	32.2	48.4
54	44.6	35.8	53.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG046009.D
Acq: 10 Jul 2020 16:29

Tgt Ion	164	Resp	323890
Ion Ratio	Lower	Upper	
164	100		
162	101.4	79.3	118.9
160	46.0	35.7	53.5

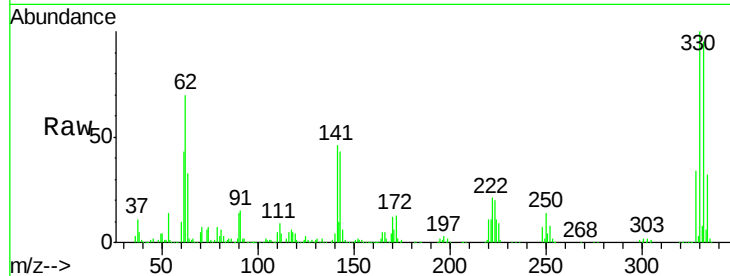




#42
 2,4,6-Tribromophenol
 Concen: 141.096 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BG046009.D
 Acq: 10 Jul 2020 16:29

Instrument :
 BNA_G
 ClientSampleId :
 RO-06

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.3	117.5
141	46.8	36.6	54.8

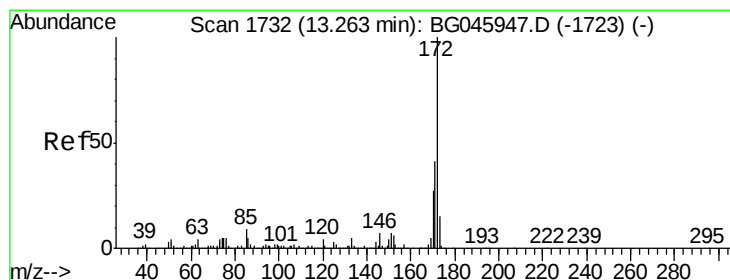
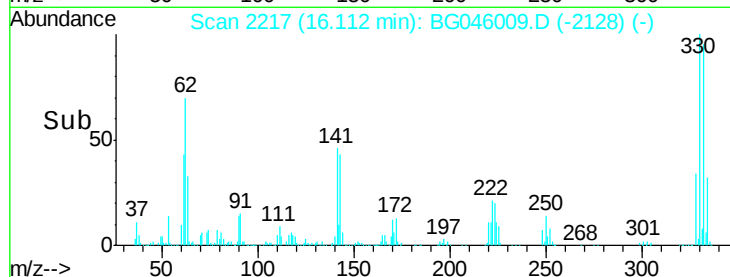
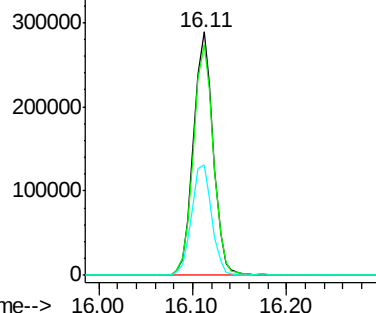


Abundance

Ion 329.80 (329.50 to 330.50): E

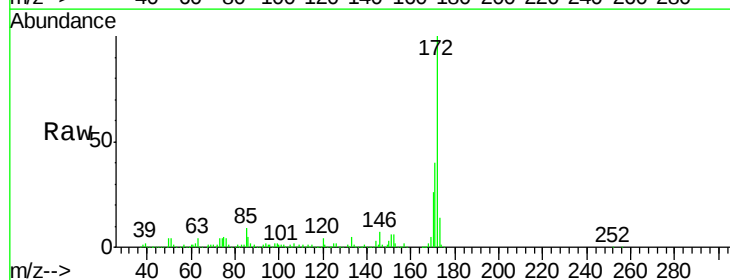
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 74.220 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG046009.D
 Acq: 10 Jul 2020 16:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.9	32.9	49.3
170	26.2	21.8	32.6

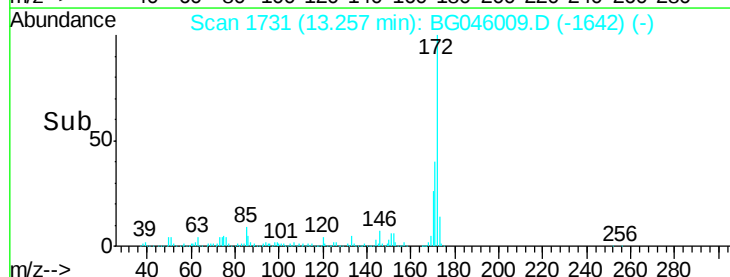
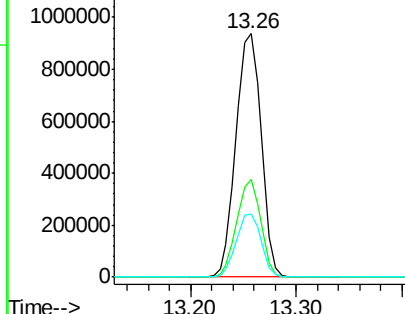


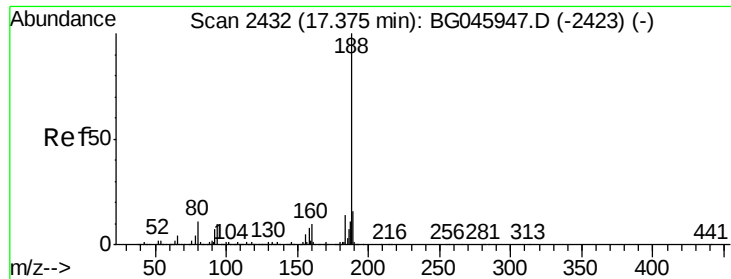
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BG046009.D

Acq: 10 Jul 2020 16:29

Instrument :

BNA_G

ClientSampleId :

RO-06

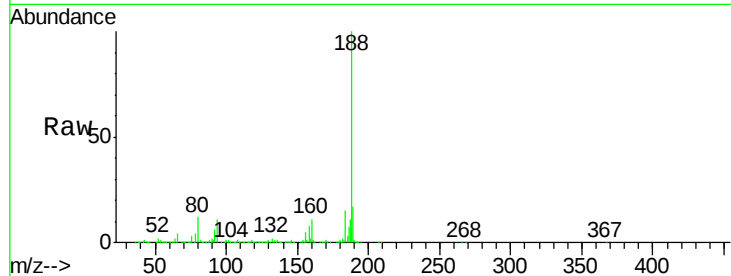
Tot Ion:188 Resp: 794082

Ion Ratio Lower Upper

188 100

94 11.2 8.2 12.4

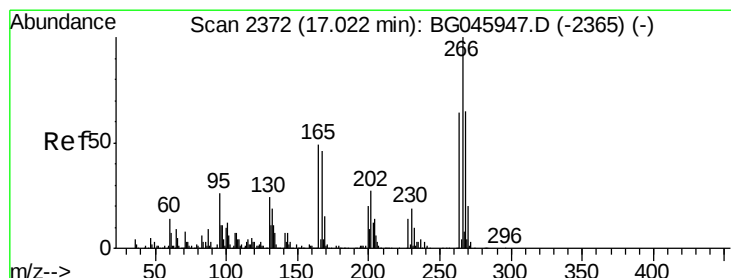
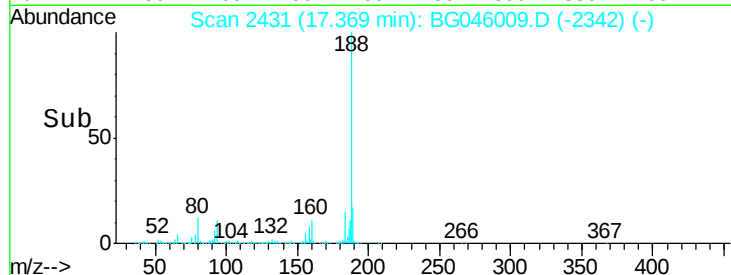
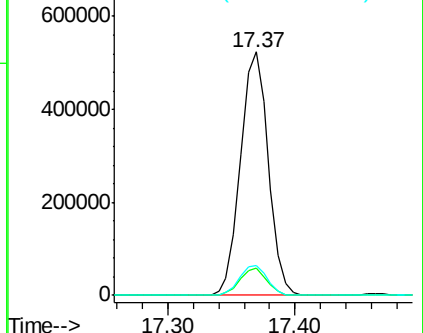
80 12.3 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#70

Pentachlorophenol

Concen: 11.171 ng

RT: 17.02 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BG046009.D

Acq: 10 Jul 2020 16:29

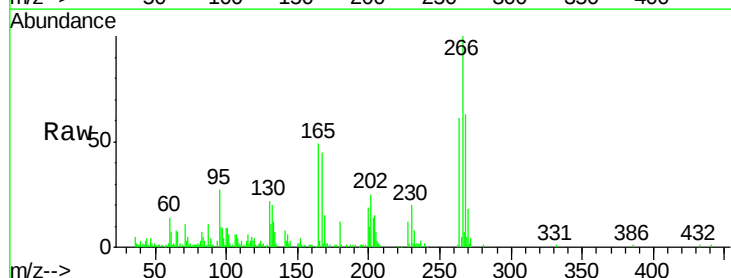
Tgt Ion:266 Resp: 55277

Ion Ratio Lower Upper

266 100

268 63.3 51.8 77.8

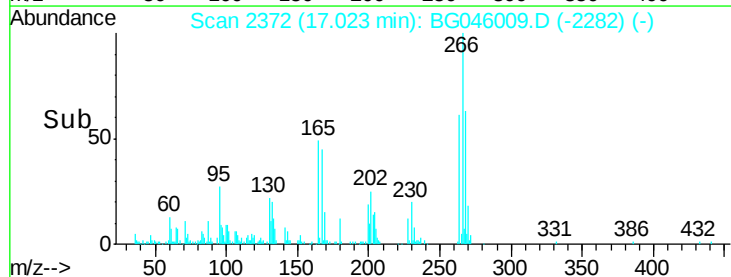
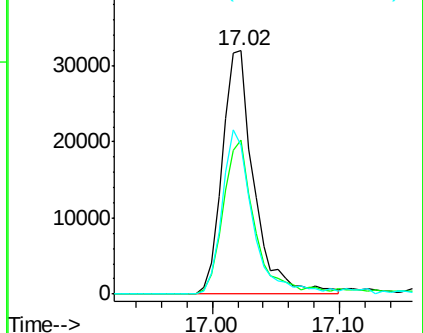
264 61.2 51.4 77.0

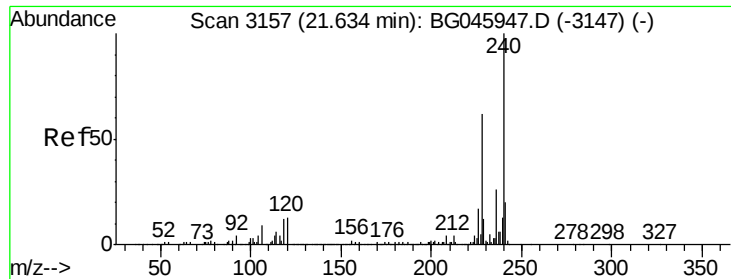


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

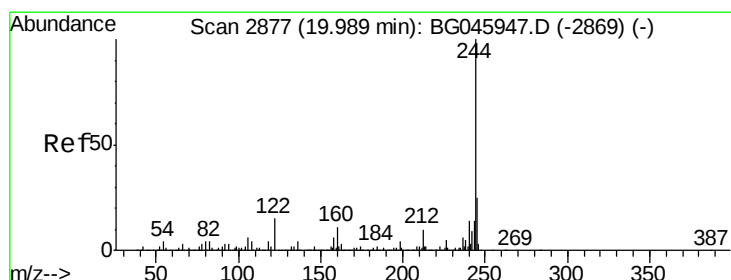
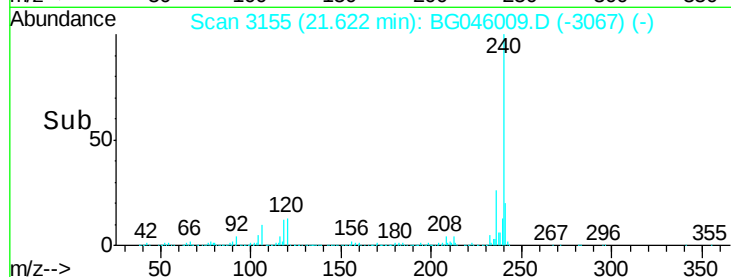
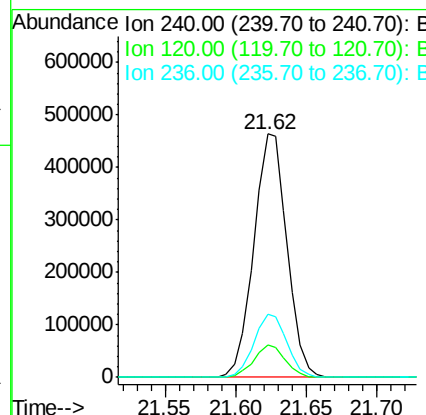
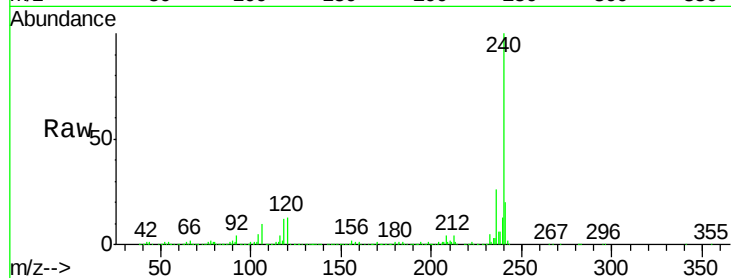




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG046009.D
Acq: 10 Jul 2020 16:29

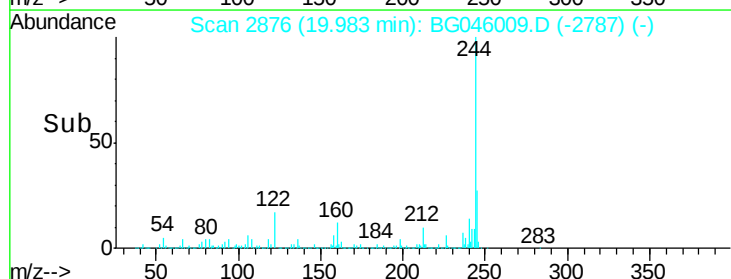
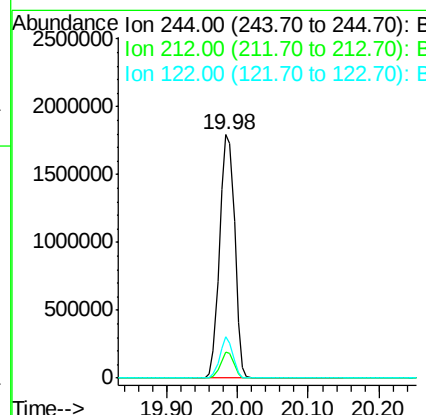
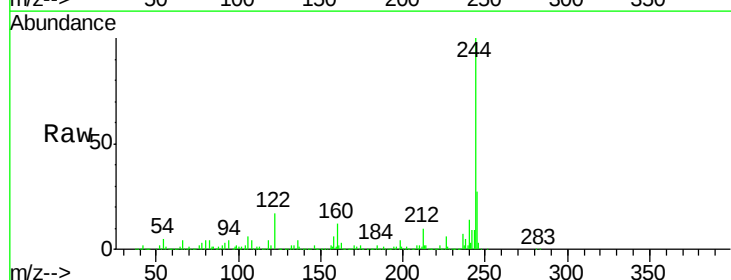
Instrument :
BNA_G
ClientSampleId :
RO-06

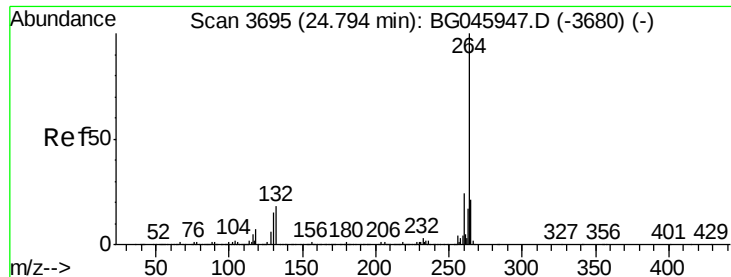
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.1	10.6	16.0
236	25.8	20.4	30.6



#79
Terphenyl-d14
Concen: 77.439 ng
RT: 19.98 min Scan# 2876
Delta R.T. -0.01 min
Lab File: BG046009.D
Acq: 10 Jul 2020 16:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.5	8.3	12.5
122	16.8	12.1	18.1





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.78 min Scan# 3693
 Delta R.T. -0.01 min
 Lab File: BG046009.D
 Acq: 10 Jul 2020 16:29

Instrument :
 BNA_G
 ClientSampleId :
 RO-06

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.6
265	21.6	16.9	25.3

