

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG043005.D
 Acq On : 3 Oct 2019 4:43
 Operator : JU
 Sample : K5148-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-100119

Quant Time: Oct 03 06:39:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

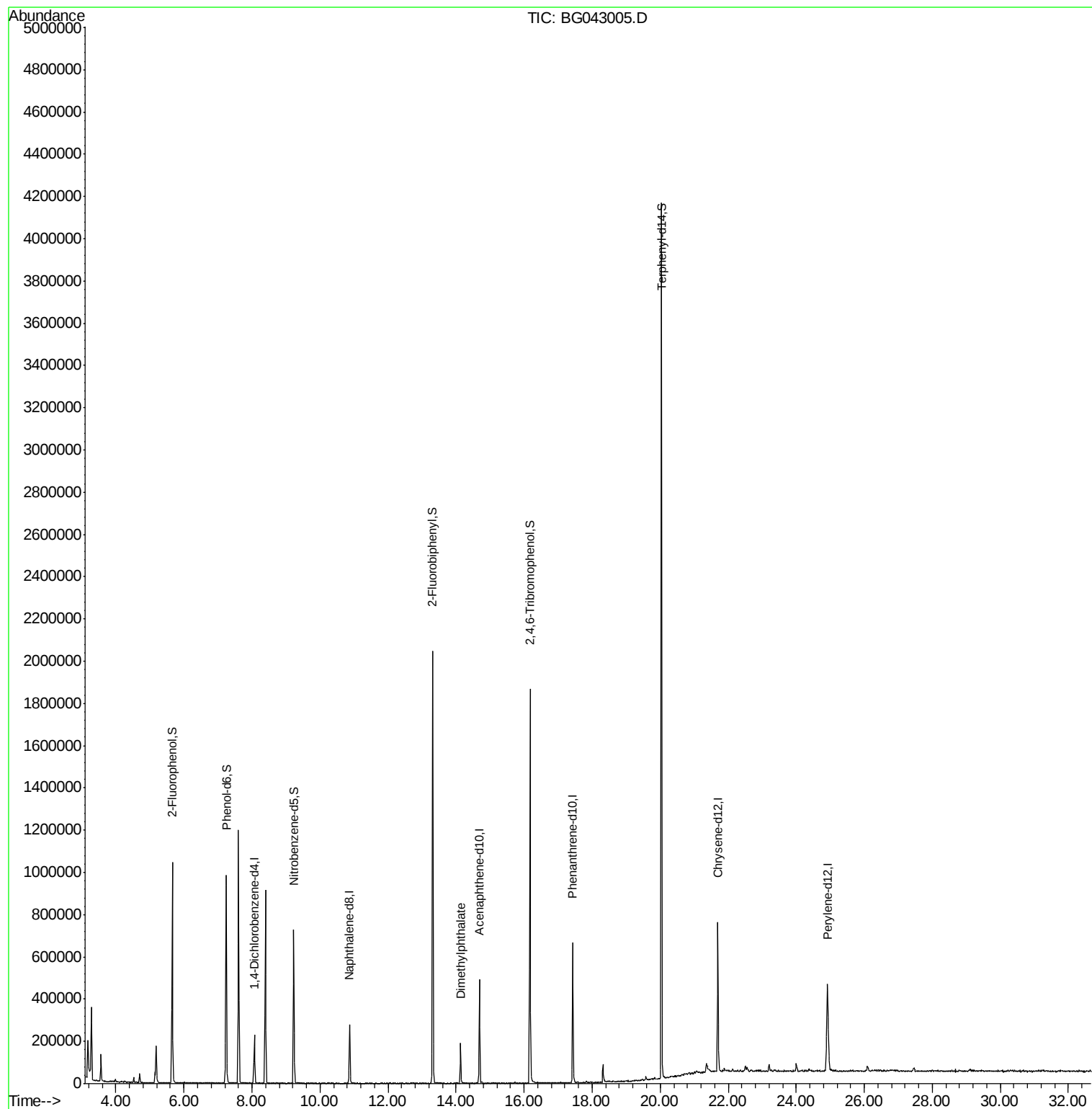
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	68216	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	247473	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	174306	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	415981	20.00	ng	0.00
76) Chrysene-d12	21.70	240	431427	20.00	ng	-0.02
87) Perylene-d12	24.92	264	502216	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	437749	114.52	ng	0.00
7) Phenol-d6	7.24	99	553421	100.54	ng	0.00
23) Nitrobenzene-d5	9.23	82	449243	88.23	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	407375	135.91	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1126161	93.66	ng	-0.01
79) Terphenyl-d14	20.04	244	1986678	98.12	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	127622	9.772	ng	Qvalue 98

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

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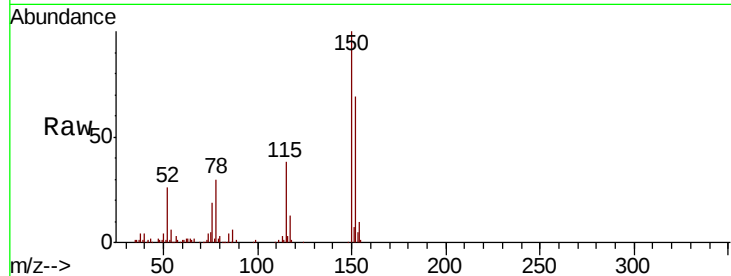


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG043005.D
Acq: 3 Oct 2019 4:43

Instrument :
BNA_G
ClientSampleId :
OR-02-100119

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.9	115.0	172.4
115	55.4	47.0	70.6

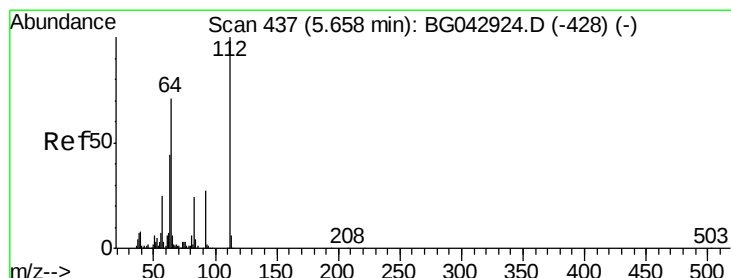
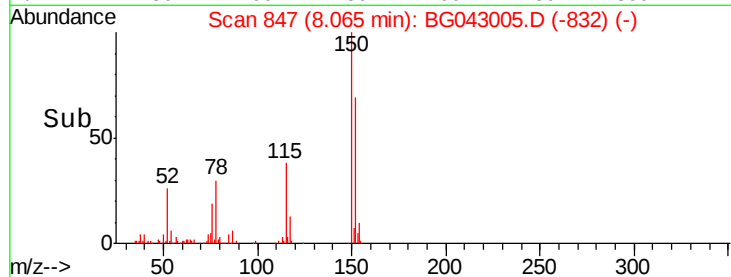
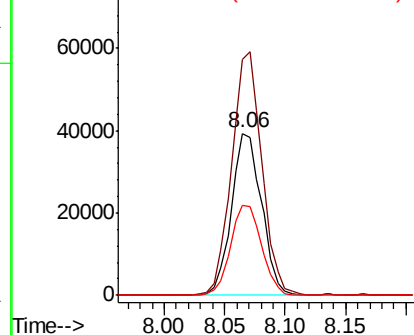


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

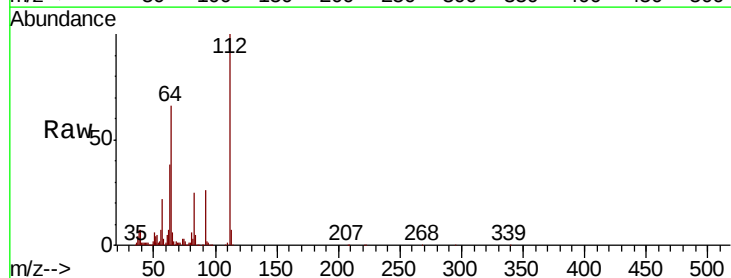
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.521 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG043005.D
Acq: 3 Oct 2019 4:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	56.6	84.8
63	38.0	35.1	52.7

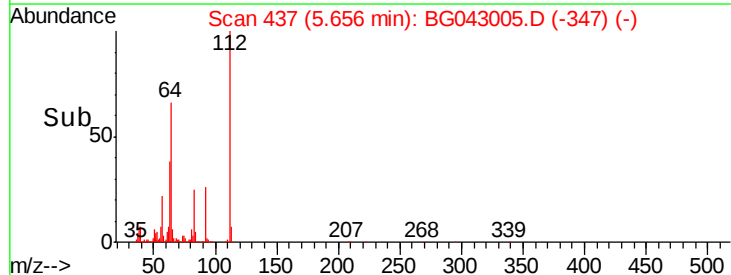
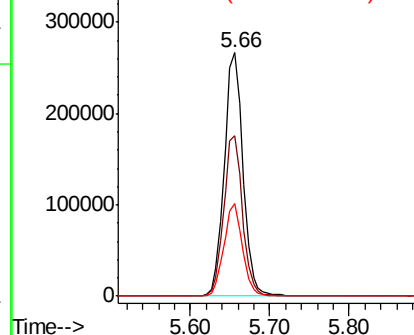


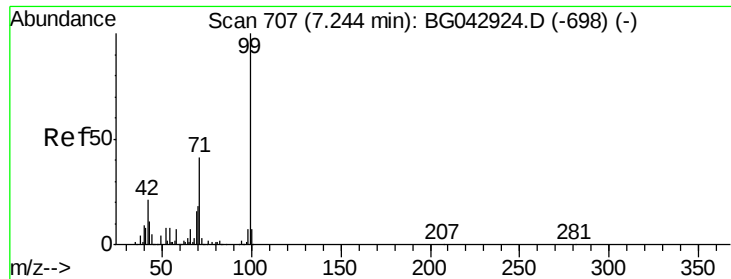
Abundance

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: 100.539 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG043005.D

Acq: 3 Oct 2019 4:43

Instrument :

BNA_G

ClientSampleId :

OR-02-100119

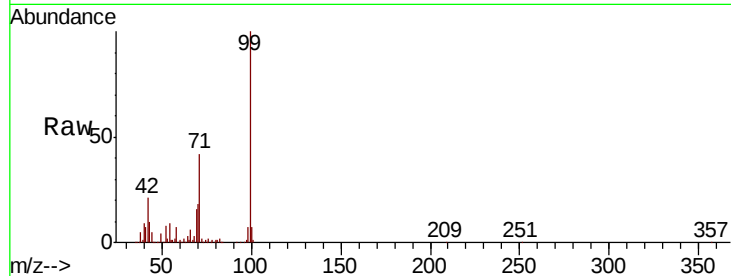
Tot Ion: 99 Resp: 553421

Ion Ratio Lower Upper

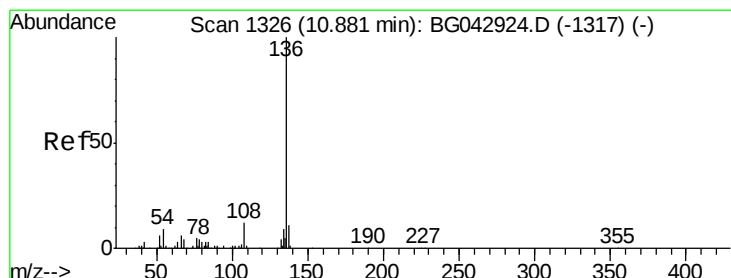
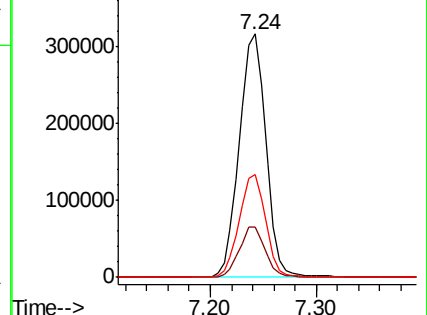
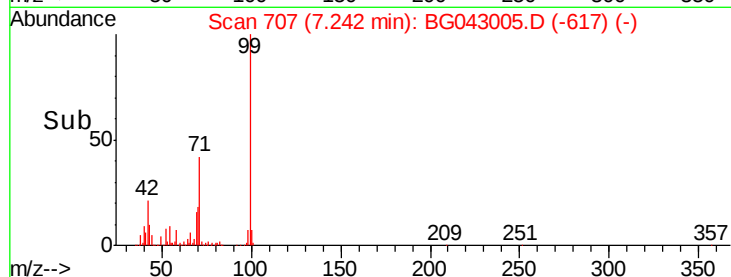
99 100

42 20.8 17.2 25.8

71 42.5 33.1 49.7



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: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG043005.D

Acq: 3 Oct 2019 4:43

Tgt Ion: 136 Resp: 247473

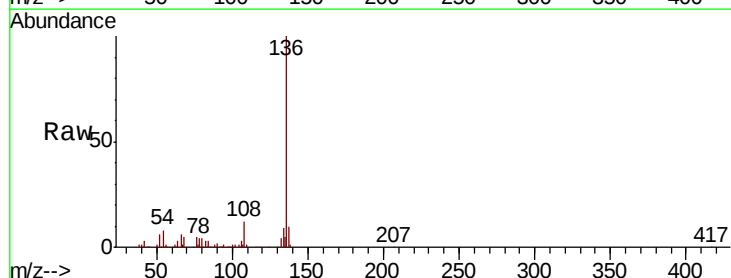
Ion Ratio Lower Upper

136 100

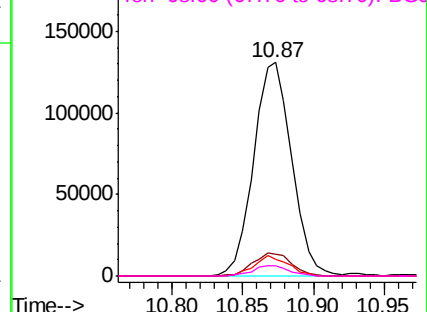
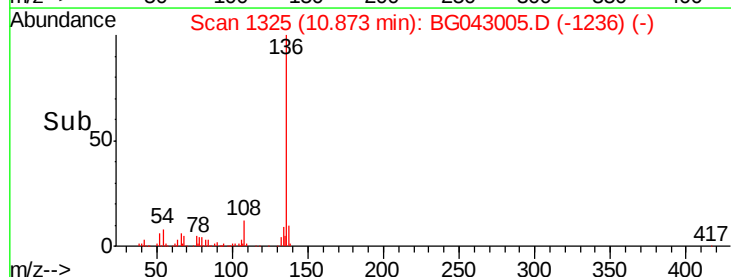
137 10.5 8.5 12.7

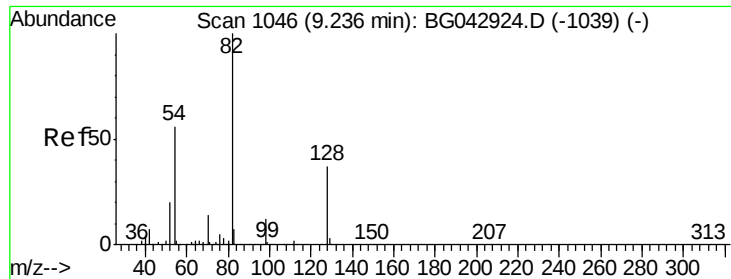
54 8.0 7.4 11.2

68 4.5 3.6 5.4



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

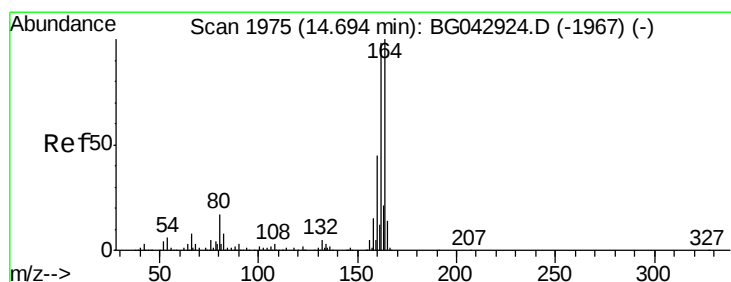
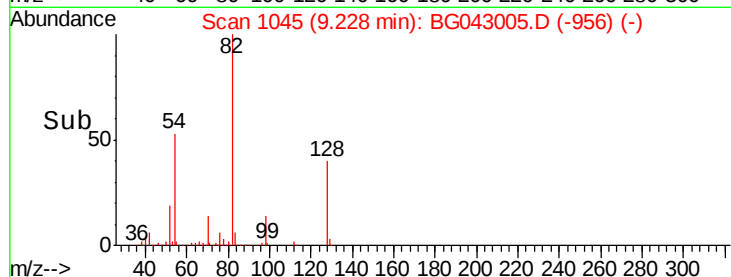
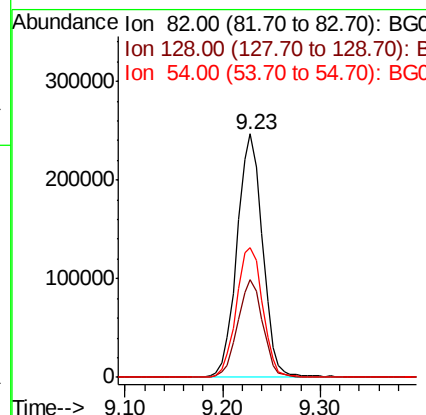
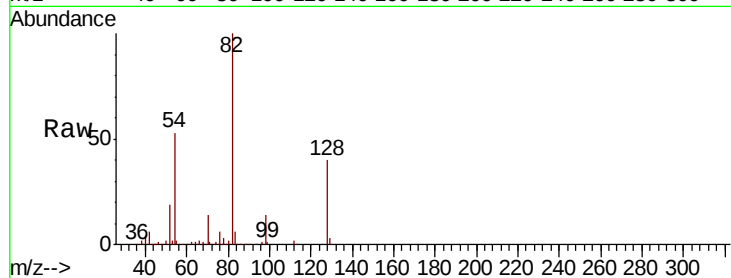




#23
Nitrobenzene-d5
Concen: 88.234 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG043005.D
Acq: 3 Oct 2019 4:43

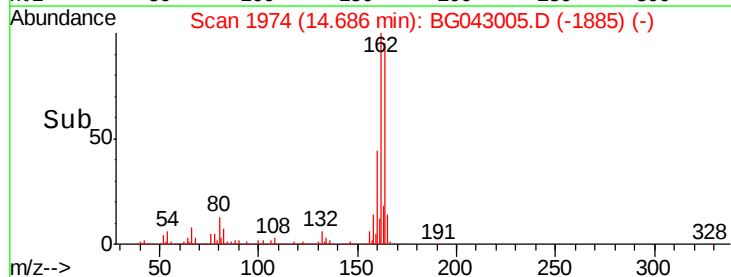
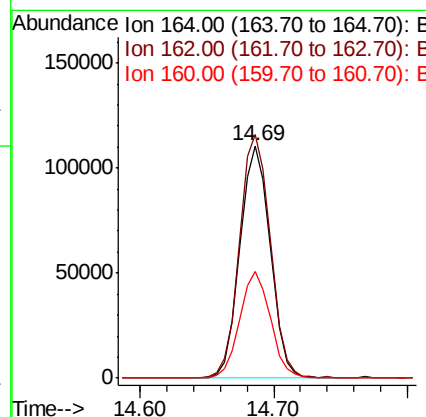
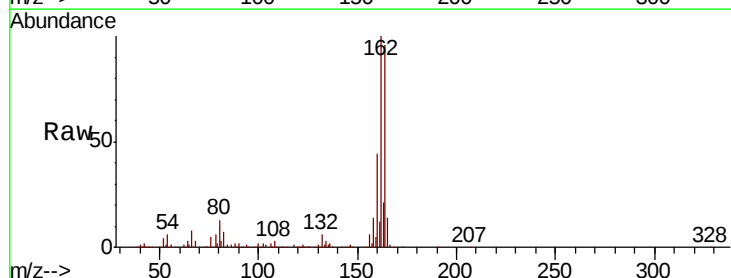
Instrument :
BNA_G
ClientSampleId :
OR-02-100119

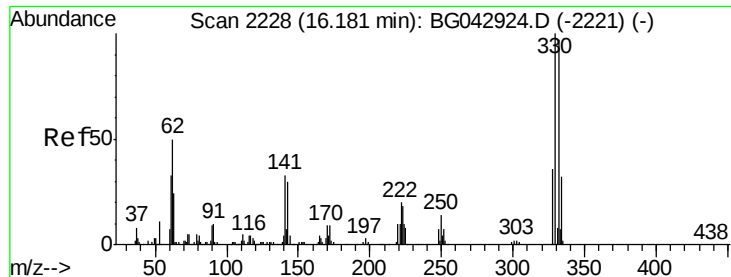
Tot Ion	82	Resp	449243
Ion Ratio	Lower	Upper	
82	100		
128	40.2	29.5	44.3
54	53.2	44.6	67.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG043005.D
Acq: 3 Oct 2019 4:43

Tgt Ion	164	Resp	174306
Ion Ratio	Lower	Upper	
164	100		
162	104.7	78.5	117.7
160	45.9	35.9	53.9

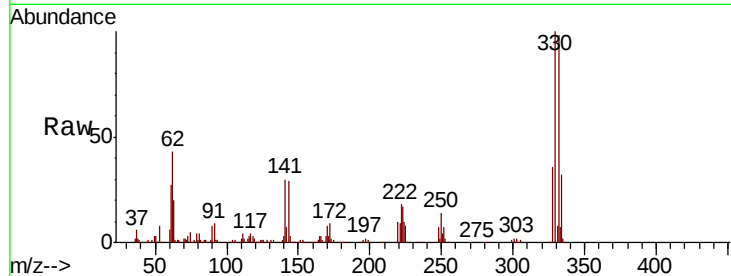




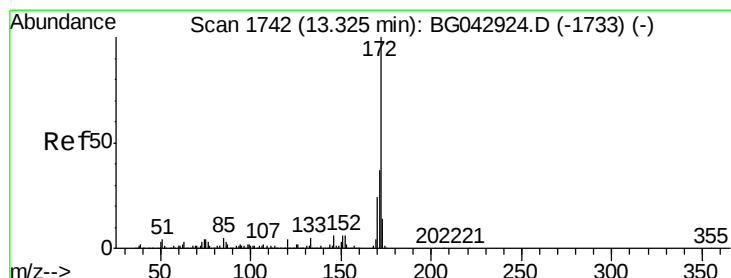
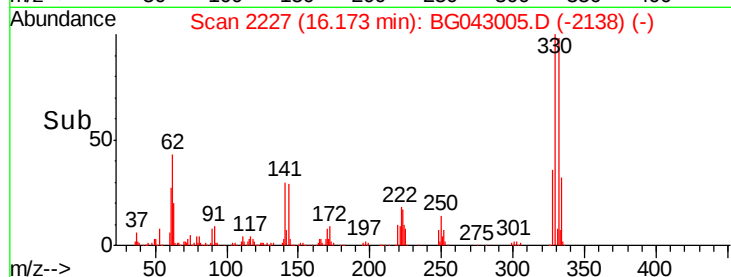
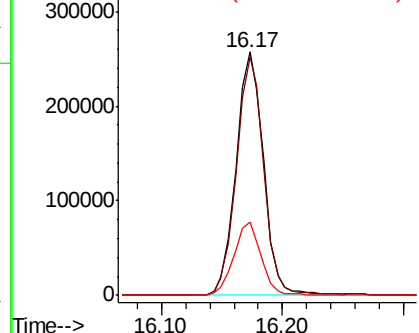
#42
 2,4,6-Tribromophenol
 Concen: 135.914 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG043005.D
 Acq: 3 Oct 2019 4:43

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-100119

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.2	117.2
141	29.9	26.0	39.0

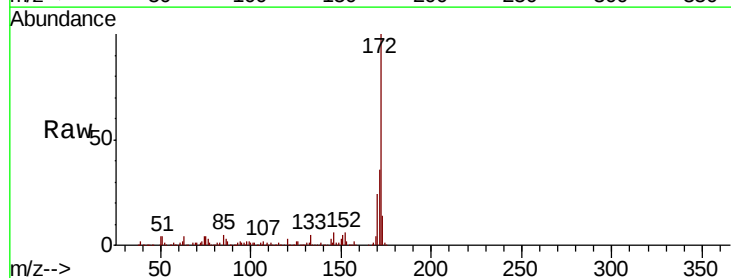


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

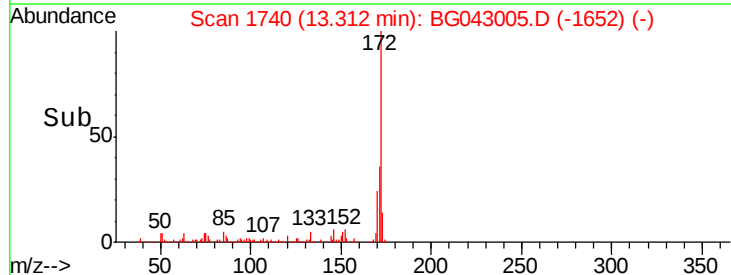
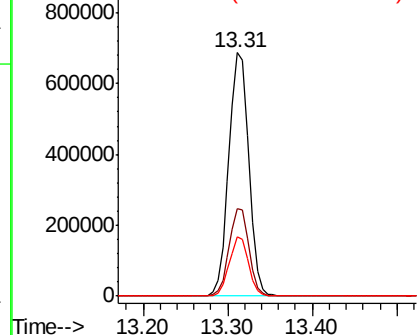


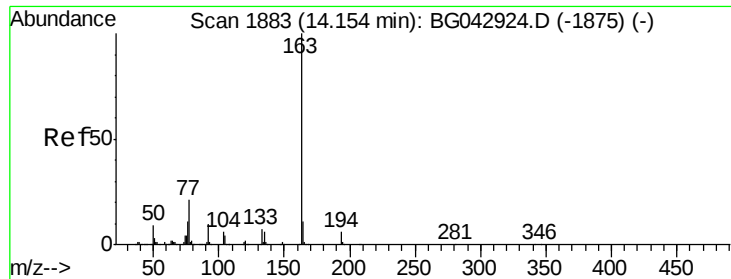
#45
 2-Fluorobiphenyl
 Concen: 93.662 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG043005.D
 Acq: 3 Oct 2019 4:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.2	19.6	29.4



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: 9.772 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG043005.D

Acq: 3 Oct 2019 4:43

Instrument :

BNA_G

ClientSampleId :

OR-02-100119

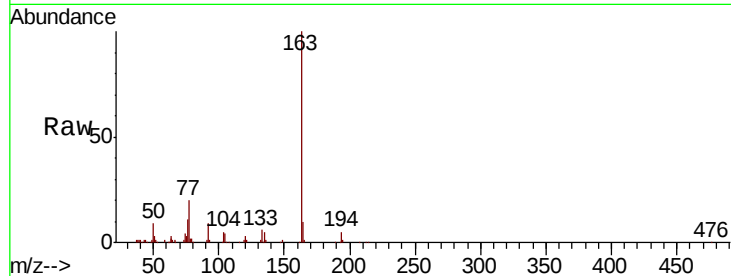
Tot Ion:163 Resp: 127622

Ion Ratio Lower Upper

163 100

194 4.8 4.4 6.6

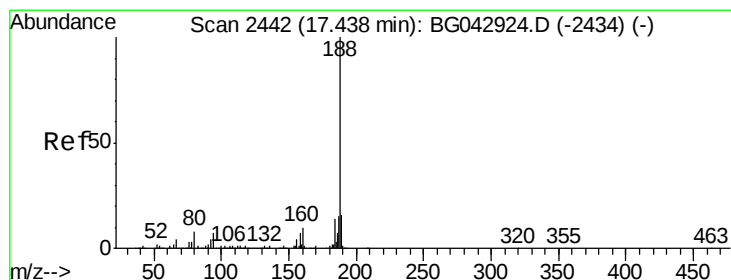
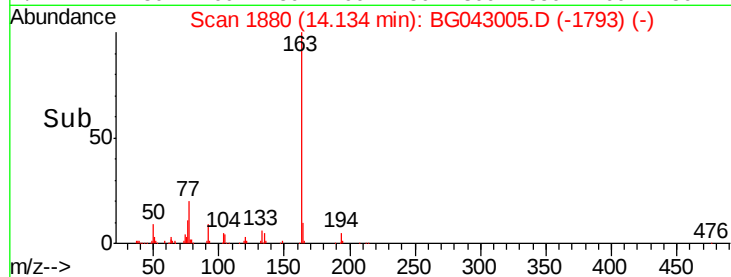
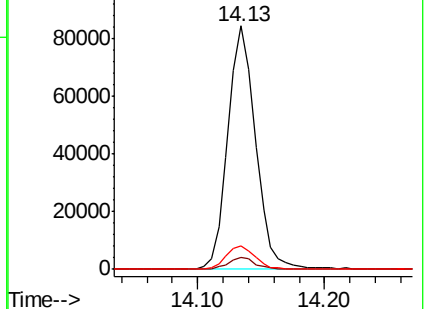
164 9.7 8.6 12.8



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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG043005.D

Acq: 3 Oct 2019 4:43

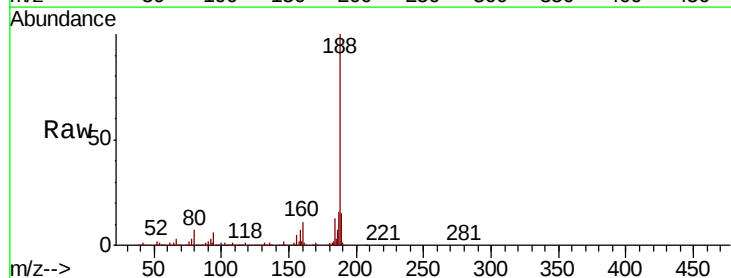
Tgt Ion:188 Resp: 415981

Ion Ratio Lower Upper

188 100

94 5.6 5.7 8.5#

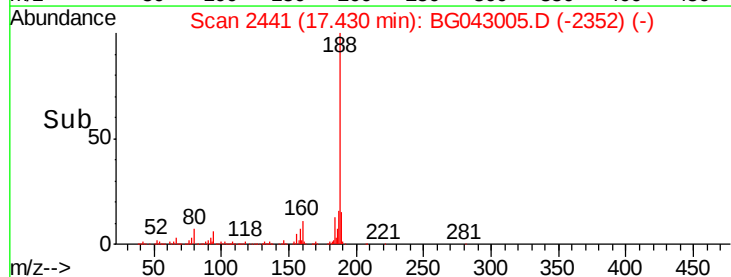
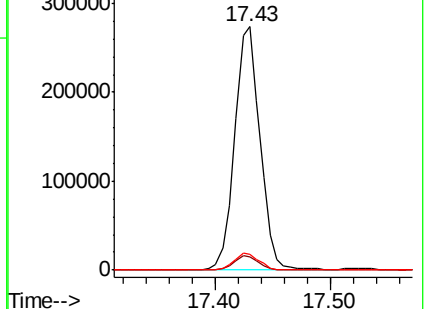
80 6.7 6.5 9.7

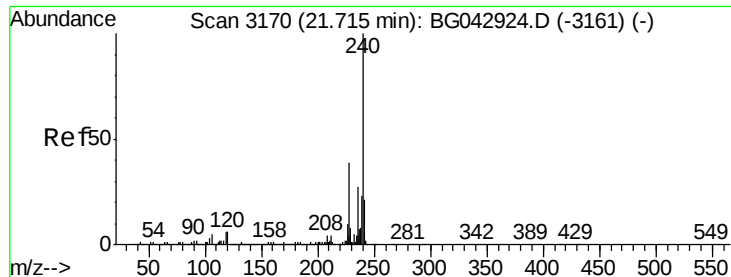


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG043005.D

Acq: 3 Oct 2019 4:43

Instrument :

BNA_G

ClientSampleId :

OR-02-100119

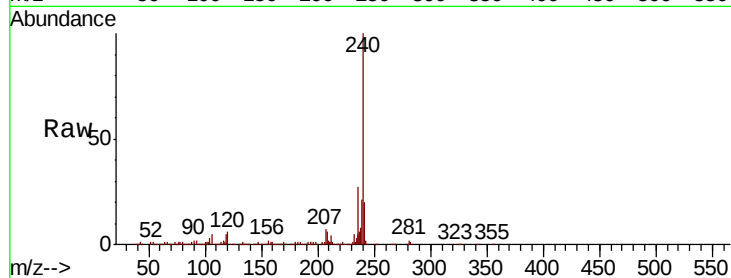
Tot Ion:240 Resp: 431427

Ion Ratio Lower Upper

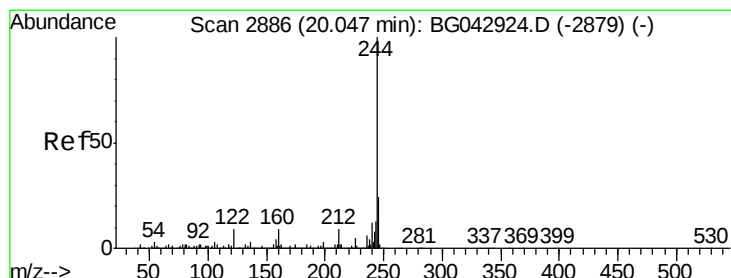
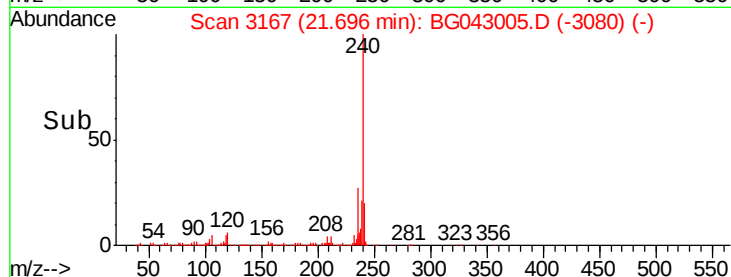
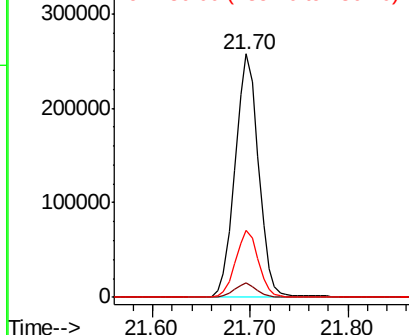
240 100

120 6.1 4.8 7.2

236 27.3 21.4 32.0



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: 98.125 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG043005.D

Acq: 3 Oct 2019 4:43

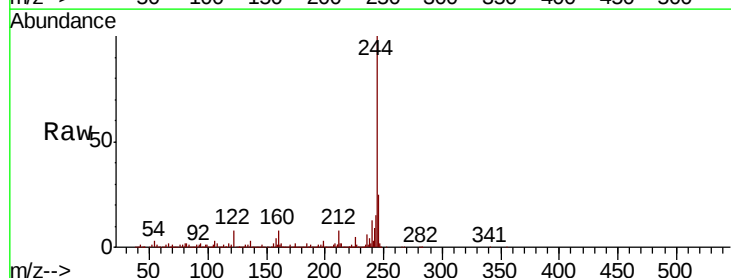
Tgt Ion:244 Resp: 1986678

Ion Ratio Lower Upper

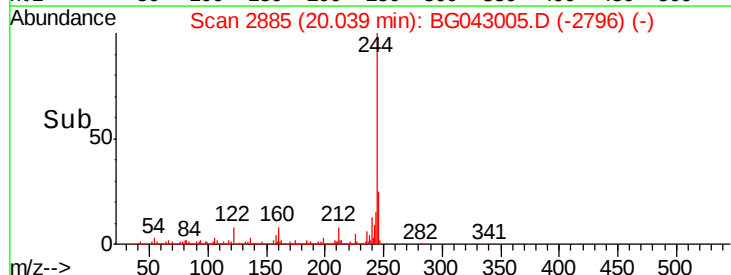
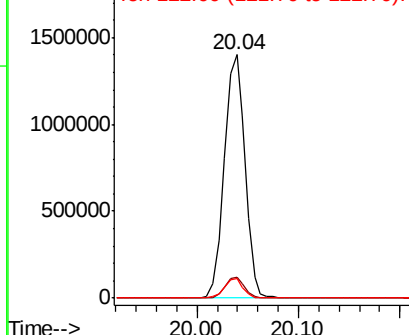
244 100

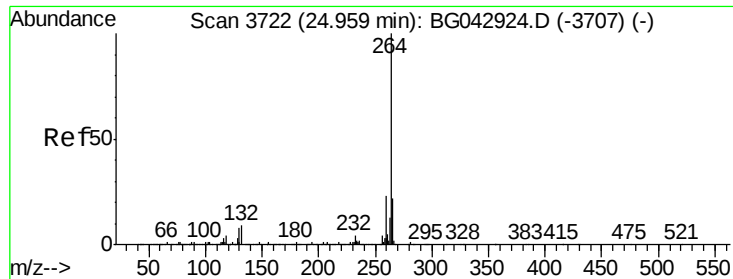
212 8.5 7.4 11.0

122 7.9 7.0 10.4



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: 24.92 min Scan# 3715
Delta R.T. -0.04 min
Lab File: BG043005.D
Acq: 3 Oct 2019 4:43

Instrument :
BNA_G
ClientSampleId :
OR-02-100119

Tot Ion:264 Resp: 502216

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	24.1	17.7	26.5

