

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
 Data File : BG043763.D
 Acq On : 23 Nov 2019 19:37
 Operator : JU
 Sample : K5676-25
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-112019

Quant Time: Nov 25 03:13:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	35372	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	178629	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	157491	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	531706	20.00	ng	0.00
76) Chrysene-d12	21.66	240	703199	20.00	ng	0.00
87) Perylene-d12	24.84	264	544085	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	350008	177.89	ng	0.00
7) Phenol-d6	7.18	99	534301	186.81	ng	0.00
23) Nitrobenzene-d5	9.18	82	284550	87.59	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	334715	176.20	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	808796	84.42	ng	0.00
79) Terphenyl-d14	20.01	244	2444415	78.55	ng	0.00

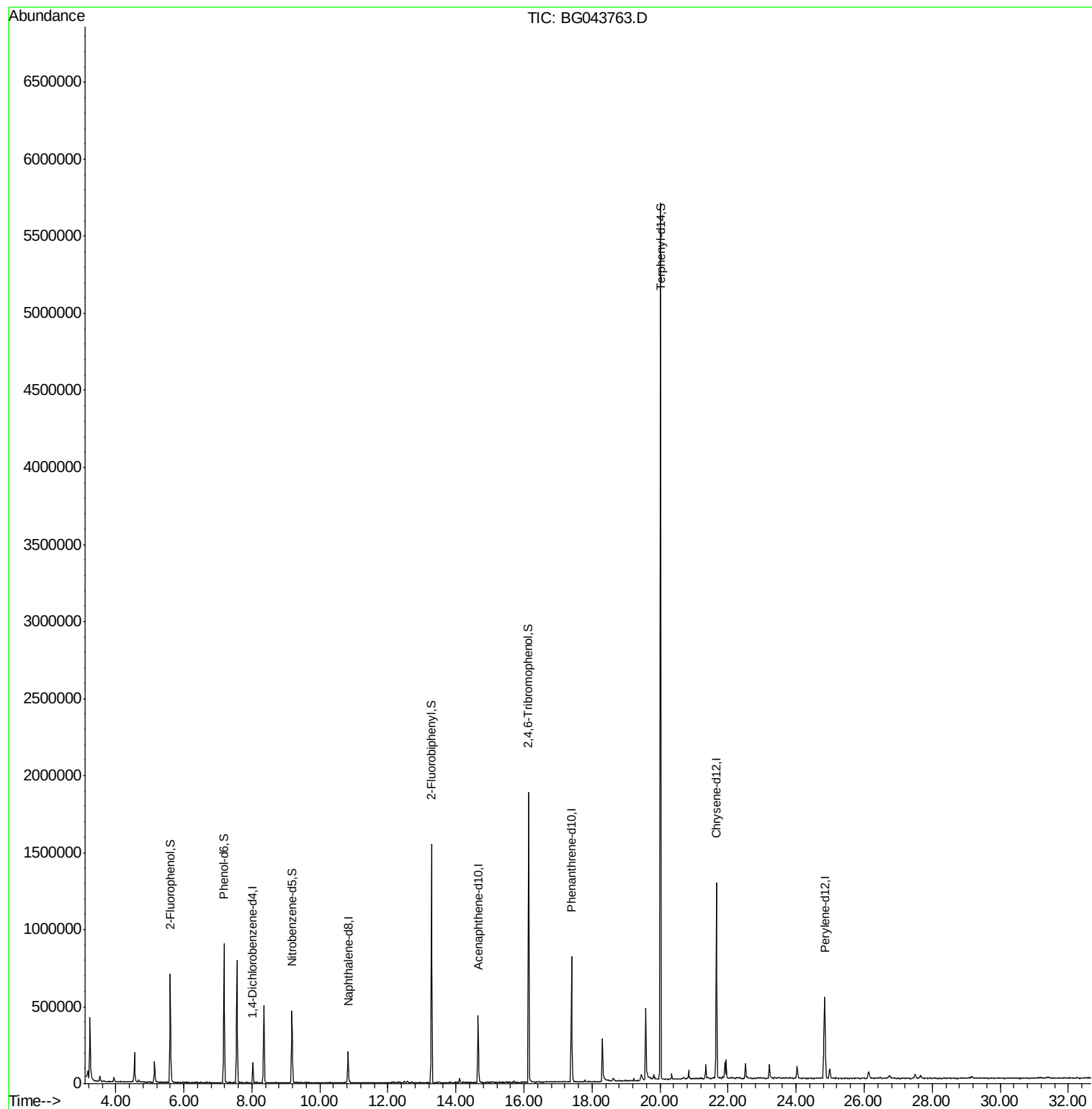
Target Compounds Qvalue

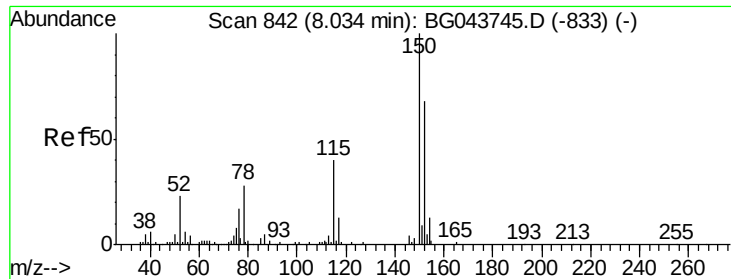
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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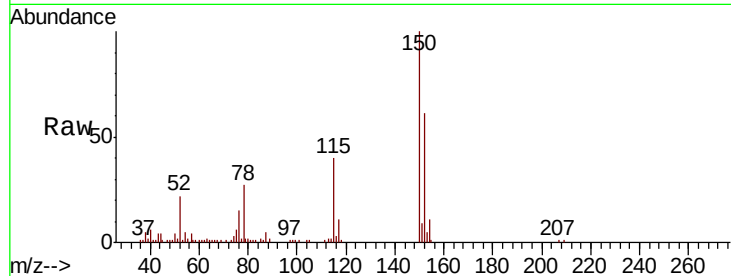


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG043763.D
Acq: 23 Nov 2019 19:37

Instrument :
BNA_G
ClientSampleId :
SU-02-112019

Tot Ion	152	Resp	35372
Ion	Ratio	Lower	Upper
152	100		
150	164.1	117.8	176.8
115	65.8	47.0	70.4

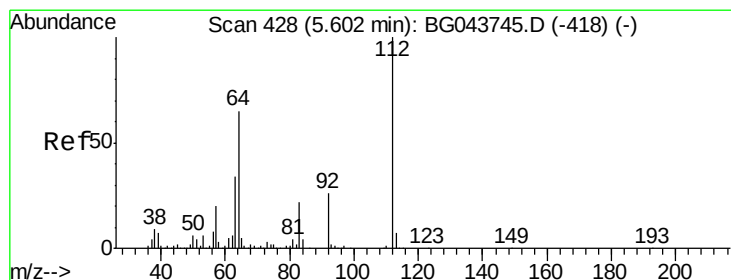
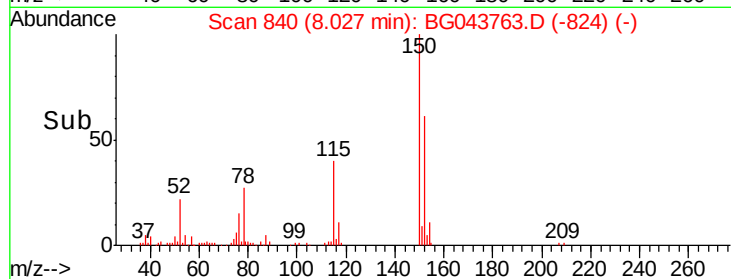
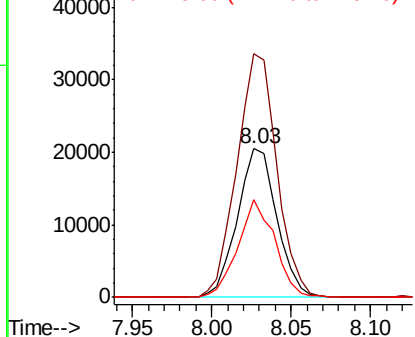


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

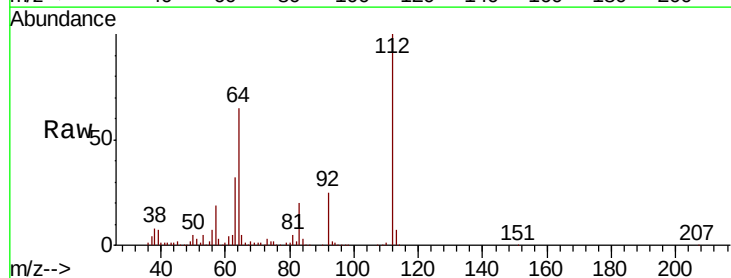
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 177.891 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG043763.D
Acq: 23 Nov 2019 19:37

Tgt Ion	112	Resp	350008
Ion	Ratio	Lower	Upper
112	100		
64	64.7	51.7	77.5
63	31.9	26.8	40.2

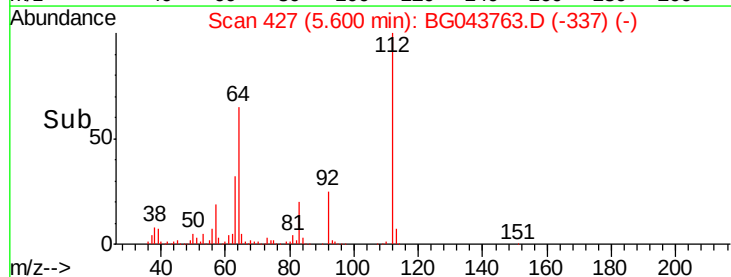
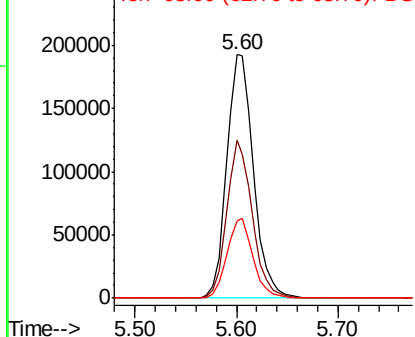


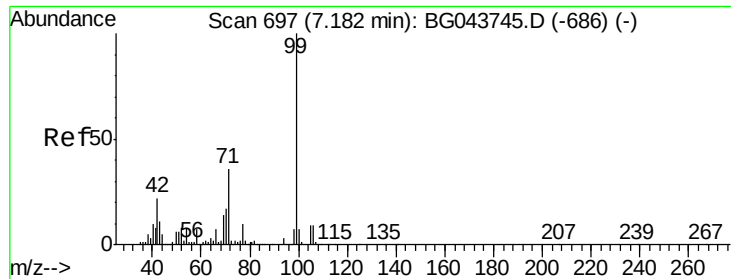
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 186.809 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG043763.D

Acq: 23 Nov 2019 19:37

Instrument :

BNA_G

ClientSampleId :

SU-02-112019

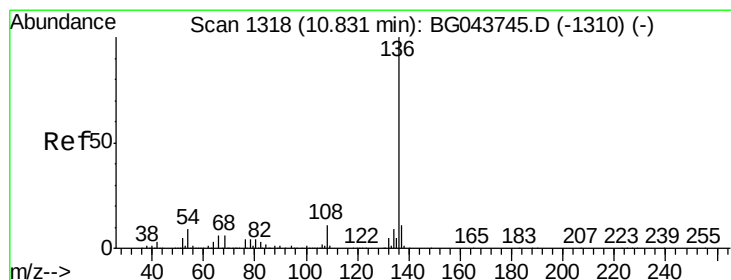
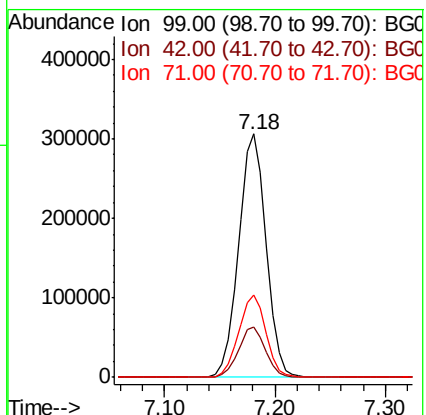
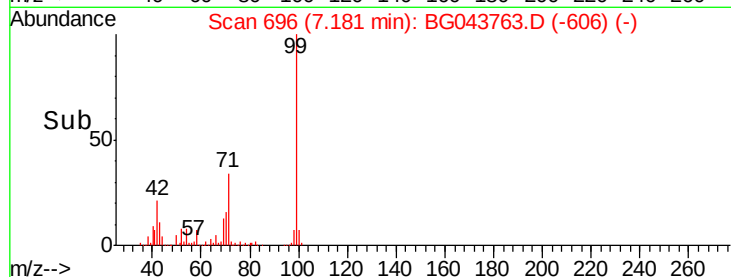
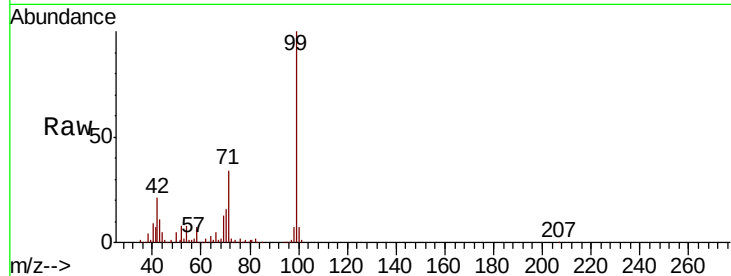
Tot Ion: 99 Resp: 534301

Ion Ratio Lower Upper

99 100

42 20.6 17.4 26.0

71 34.0 29.5 44.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG043763.D

Acq: 23 Nov 2019 19:37

Tgt Ion: 136 Resp: 178629

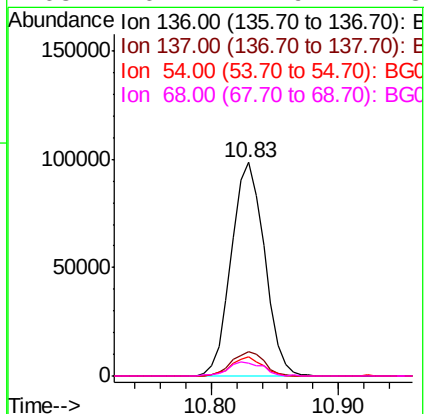
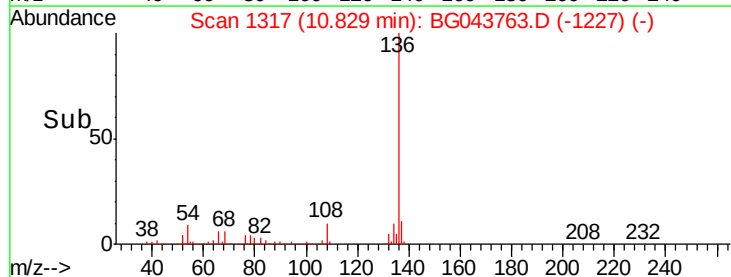
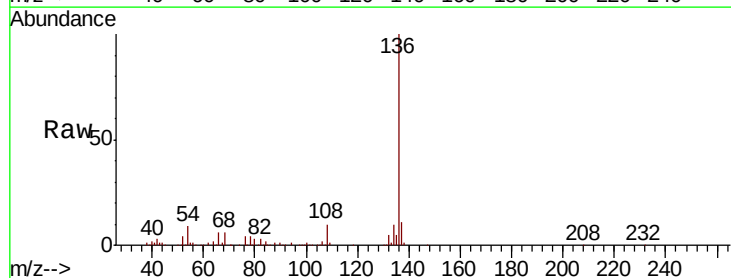
Ion Ratio Lower Upper

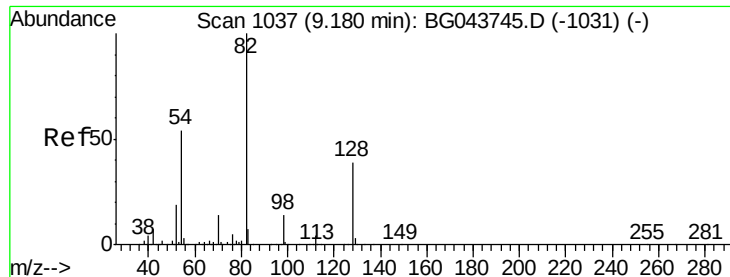
136 100

137 11.5 8.8 13.2

54 8.7 7.5 11.3

68 6.2 4.9 7.3

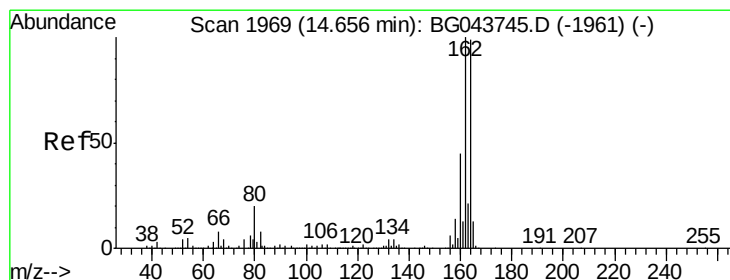
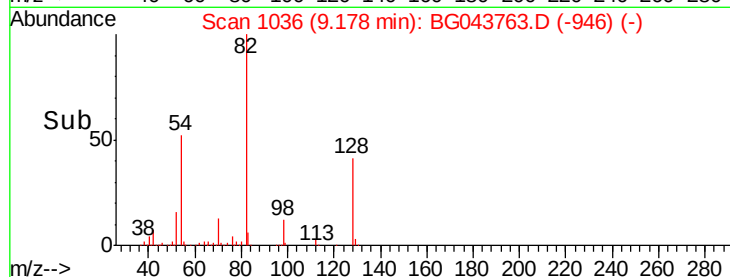
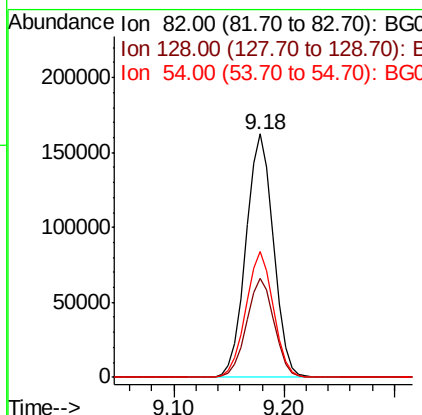
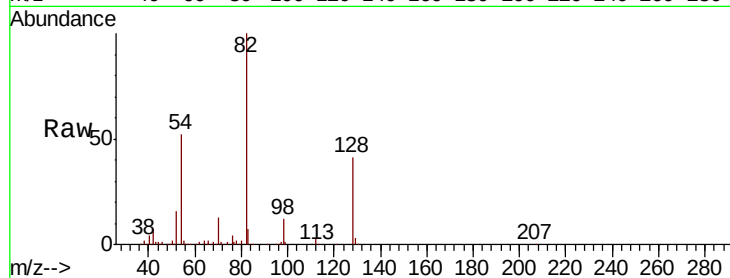




#23
 Nitrobenzene-d5
 Concen: 87.585 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG043763.D
 Acq: 23 Nov 2019 19:37

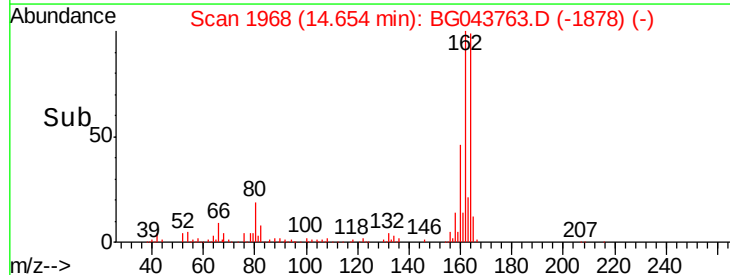
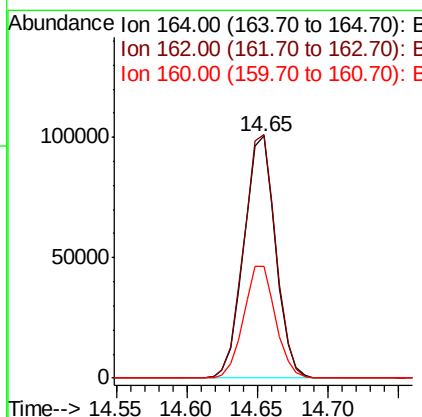
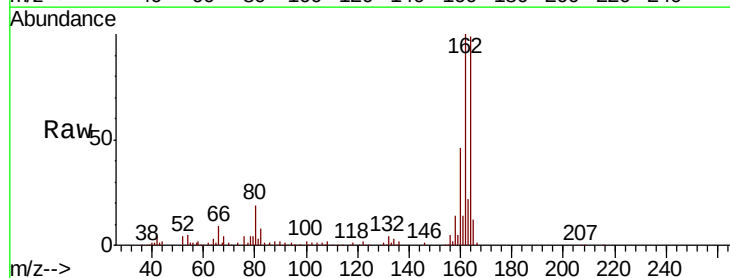
Instrument :
 BNA_G
 ClientSampleId :
 SU-02-112019

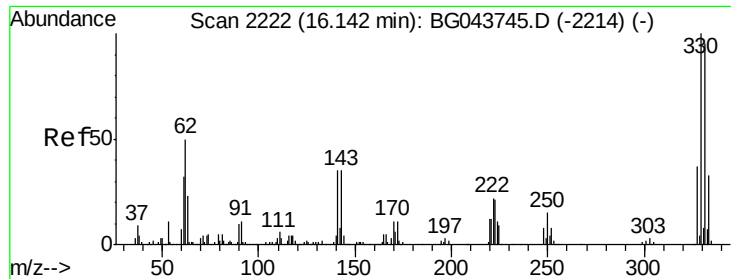
Tot Ion	82.00	Resp	284550
Ion Ratio	Lower	Upper	
82	100		
128	40.7	31.3	46.9
54	51.6	42.7	64.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG043763.D
 Acq: 23 Nov 2019 19:37

Tgt Ion	164	Resp	157491
Ion Ratio	Lower	Upper	
164	100		
162	100.5	80.6	121.0
160	46.2	36.3	54.5

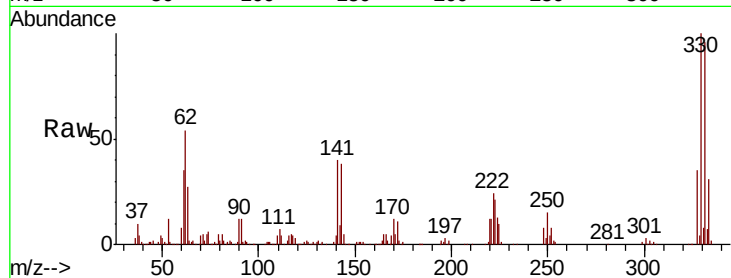




#42
 2,4,6-Tribromophenol
 Concen: 176.205 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG043763.D
 Acq: 23 Nov 2019 19:37

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-112019

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	38.9	31.4	47.2

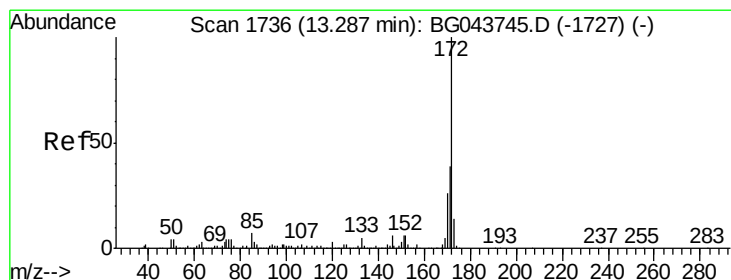
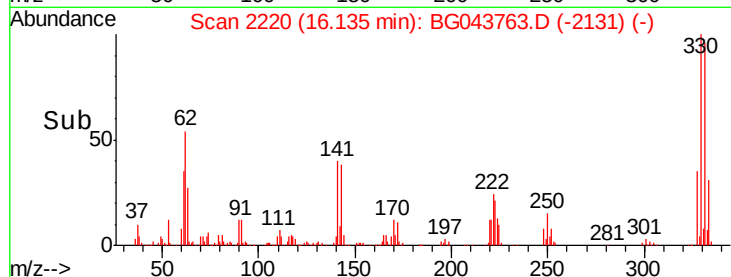
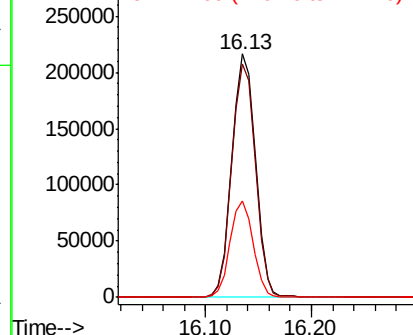


Abundance

Ion 329.80 (329.50 to 330.50): E

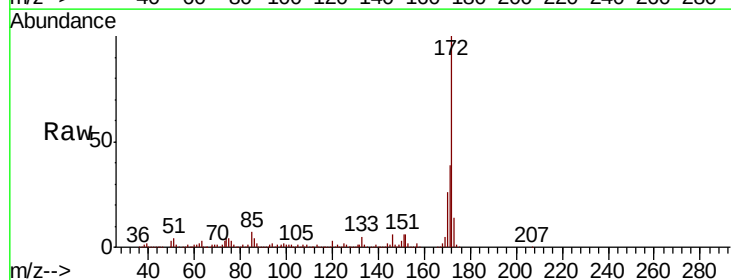
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 84.417 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG043763.D
 Acq: 23 Nov 2019 19:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.0	46.6
170	25.5	21.0	31.4

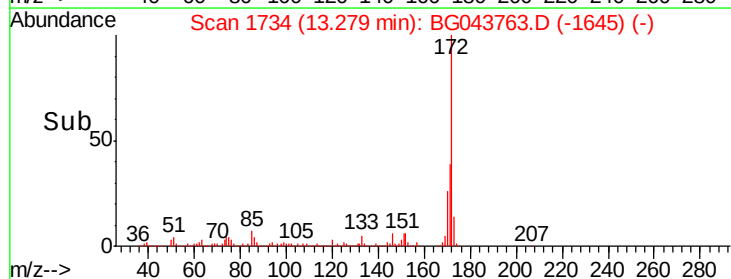
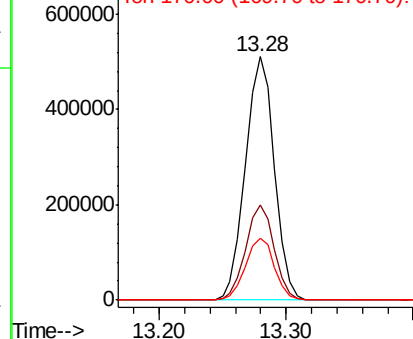


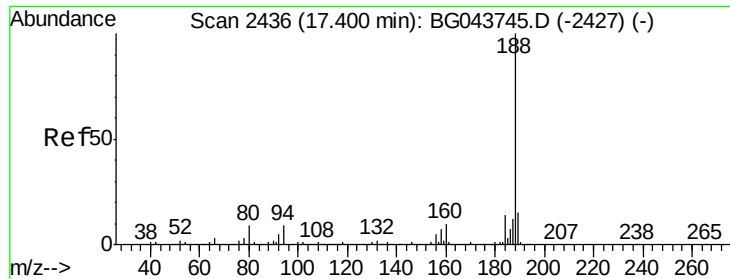
Abundance

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

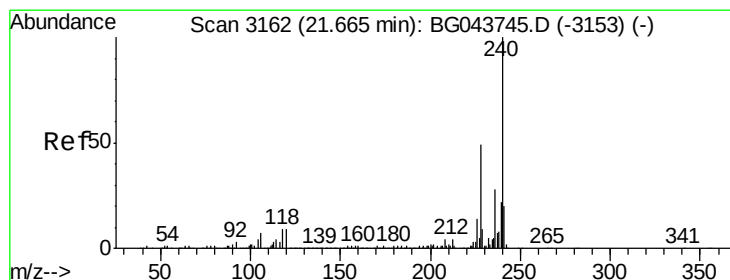
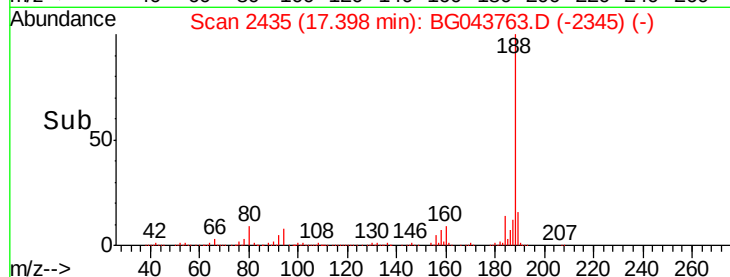
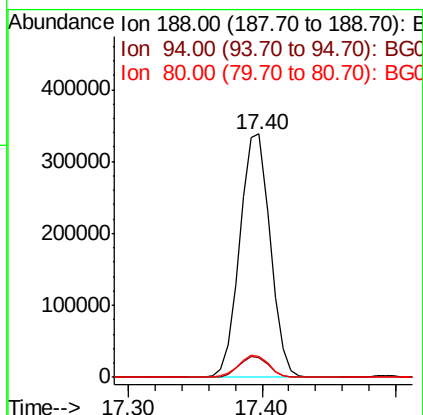
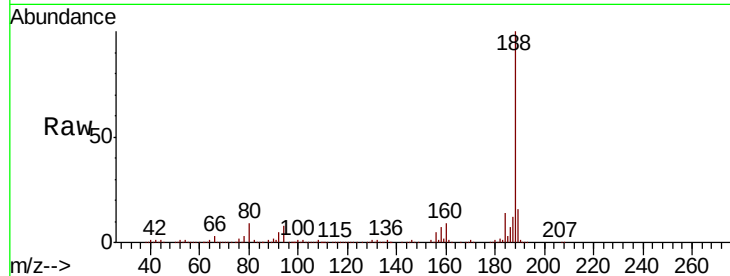




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG043763.D
Acq: 23 Nov 2019 19:37

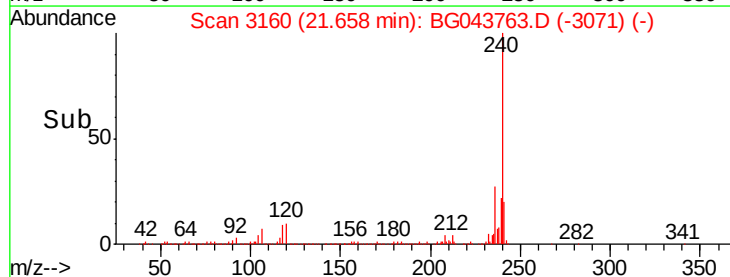
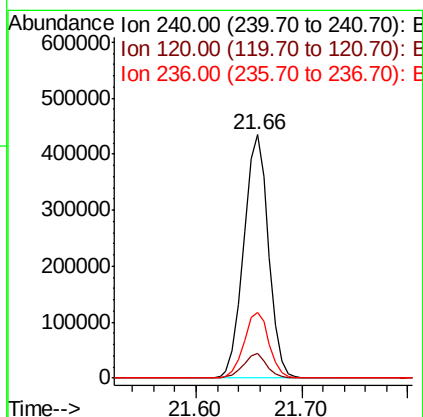
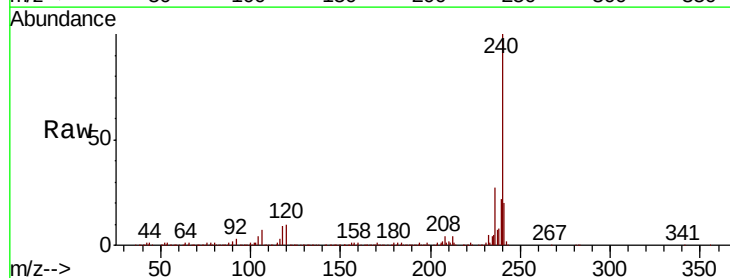
Instrument :
BNA_G
ClientSampleId :
SU-02-112019

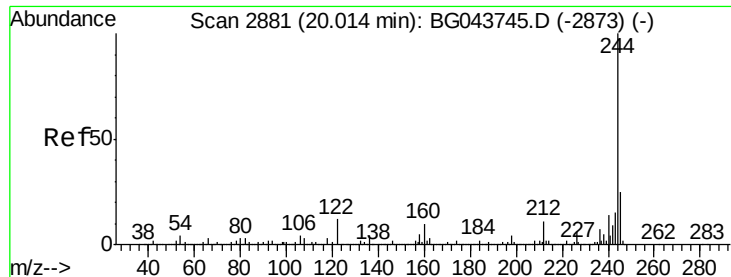
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	8.7	7.5	11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG043763.D
Acq: 23 Nov 2019 19:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.5	11.3
236	27.0	22.6	34.0





#79

Terphenyl-d14

Concen: 78.548 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043763.D

Acq: 23 Nov 2019 19:37

Instrument :

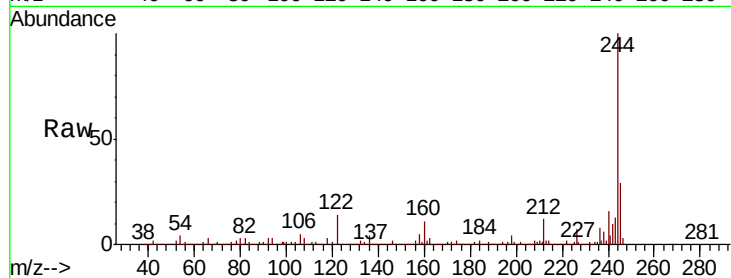
BNA_G

ClientSampleId :

SU-02-112019

Tot Ion:244 Resp: 2444415

Ion	Ratio	Lower	Upper
244	100		
212	11.8	8.5	12.7
122	13.5	9.5	14.3

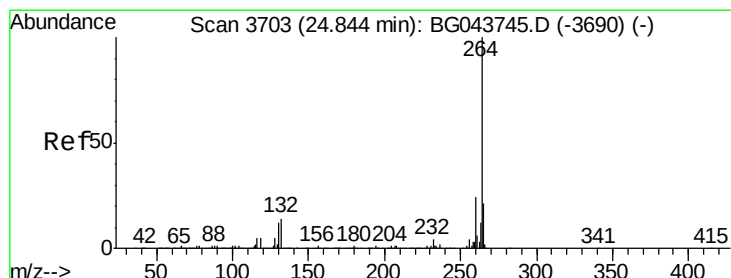
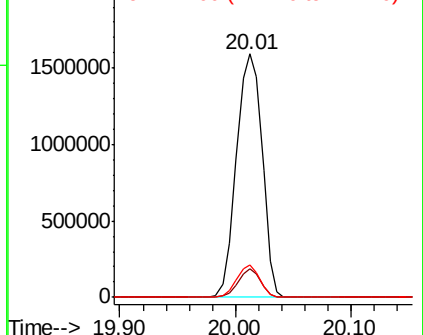
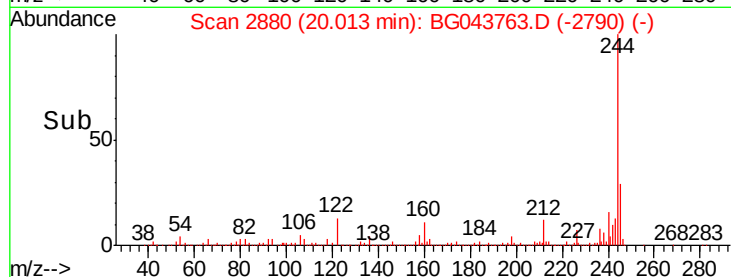


Abundance

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: 24.84 min Scan# 3701

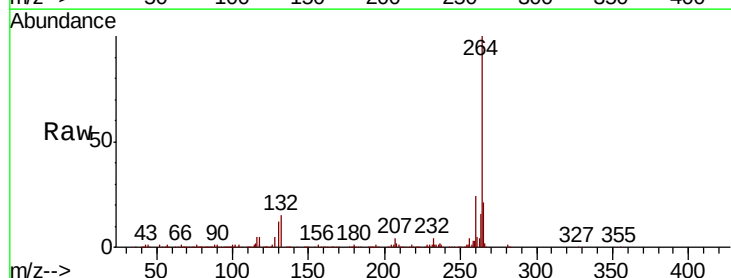
Delta R.T. -0.01 min

Lab File: BG043763.D

Acq: 23 Nov 2019 19:37

Tgt Ion:264 Resp: 544085

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.4	17.0	25.6



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

