

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
 Data File : BG041669.D
 Acq On : 16 Jul 2019 15:42
 Operator : HP/JU
 Sample : K3620-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-071219-E

Quant Time: Jul 17 03:08:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	106915	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	435350	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	273508	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	675499	20.00	ng	0.00
76) Chrysene-d12	21.65	240	657913	20.00	ng	-0.01
87) Perylene-d12	24.85	264	744656	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	751745	114.94	ng	0.00
7) Phenol-d6	7.20	99	961915	109.35	ng	0.00
23) Nitrobenzene-d5	9.21	82	701576	98.00	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	452022	146.65	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1601647	90.68	ng	0.00
79) Terphenyl-d14	20.01	244	2421450	86.01	ng	0.00

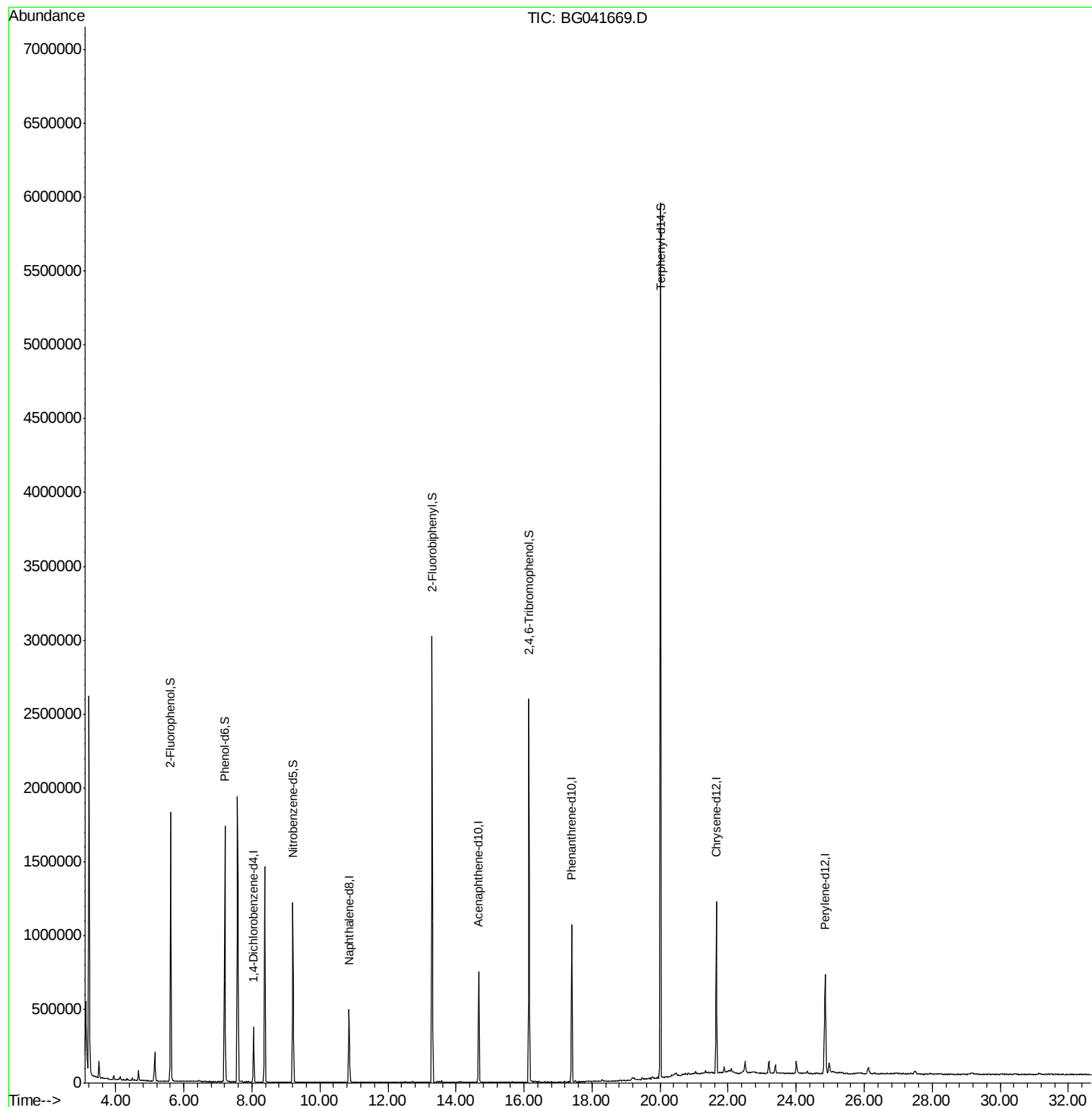
Target Compounds Qvalue

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

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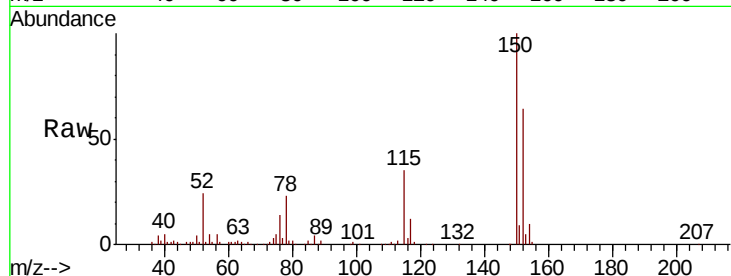


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041669.D
Acq: 16 Jul 2019 15:42

Instrument :
BNA_G
ClientSampleId :
CL-01-071219-E

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.9	190.3
115	54.1	45.0	67.6

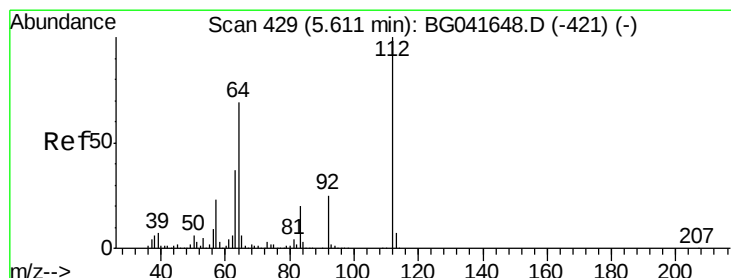
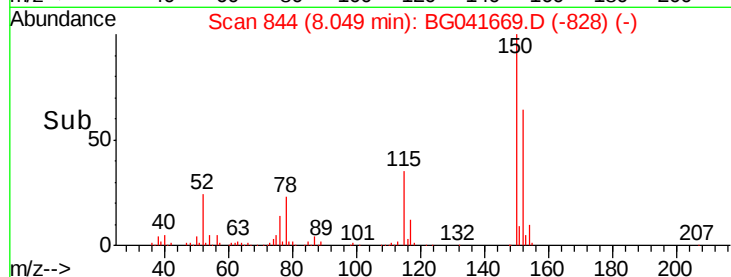
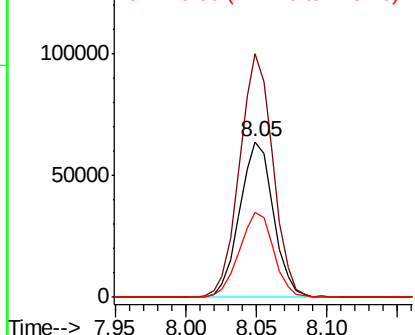


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

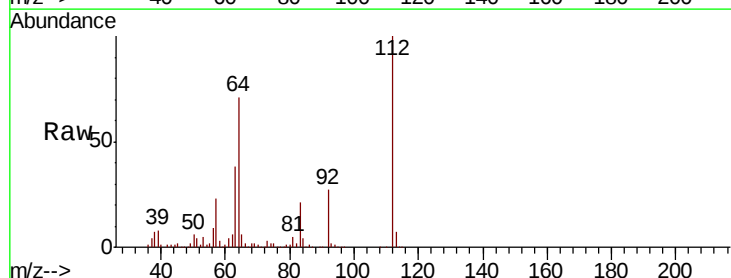
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.943 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG041669.D
Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.0	55.4	83.2
63	37.9	29.1	43.7

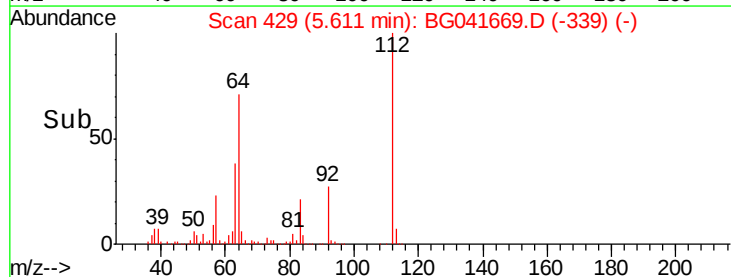
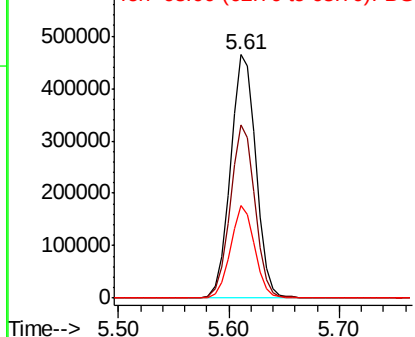


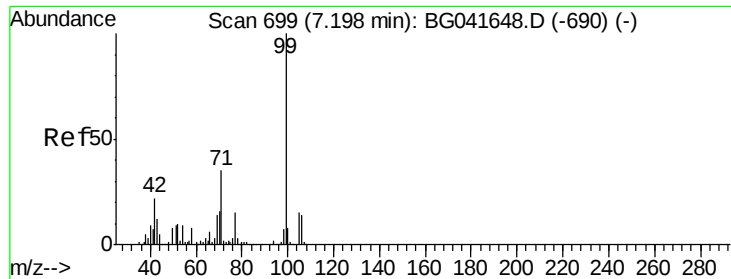
Abundance

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: 109.349 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG041669.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_G

ClientSampleId :

CL-01-071219-E

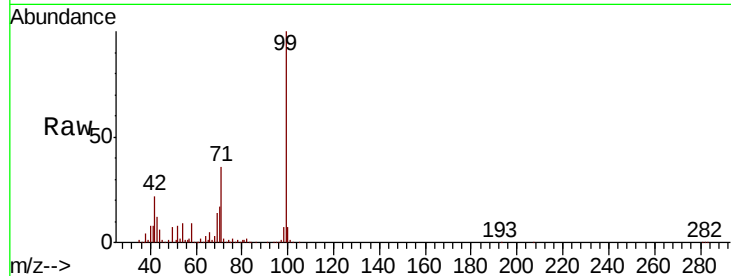
Tot Ion: 99 Resp: 961915

Ion Ratio Lower Upper

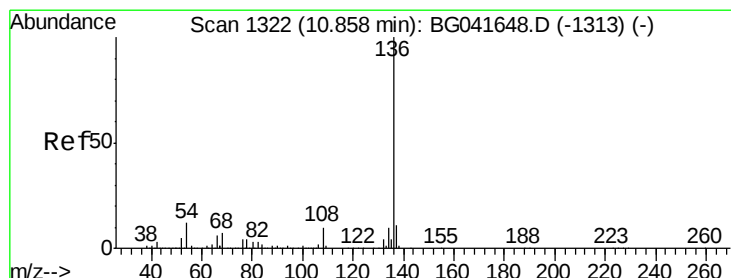
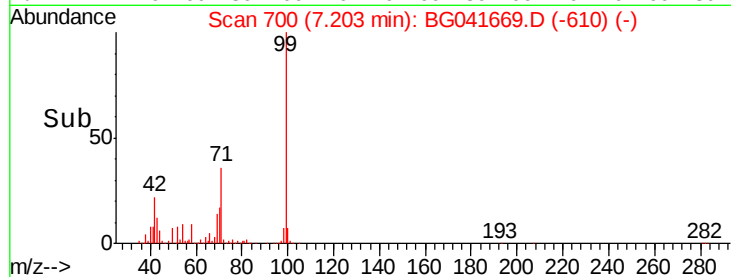
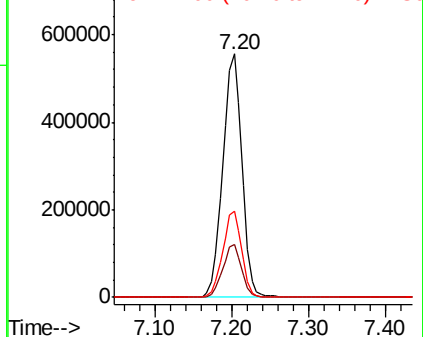
99 100

42 21.7 17.6 26.4

71 35.6 27.8 41.6



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BG041669.D

Acq: 16 Jul 2019 15:42

Tgt Ion: 136 Resp: 435350

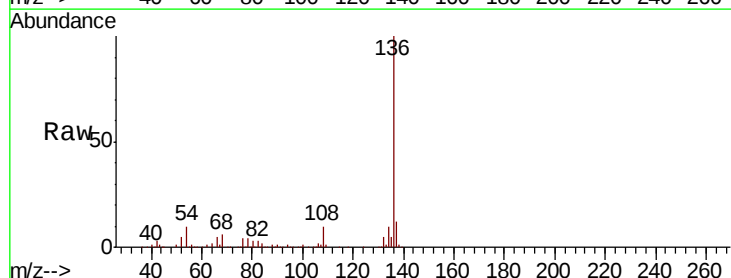
Ion Ratio Lower Upper

136 100

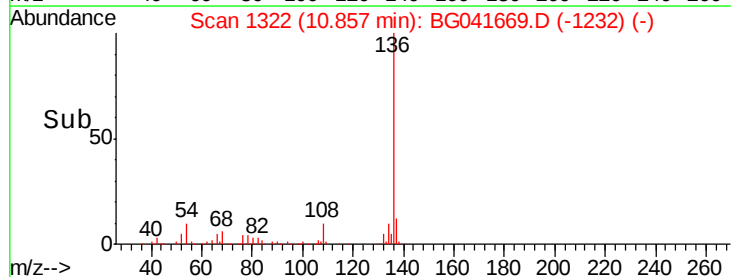
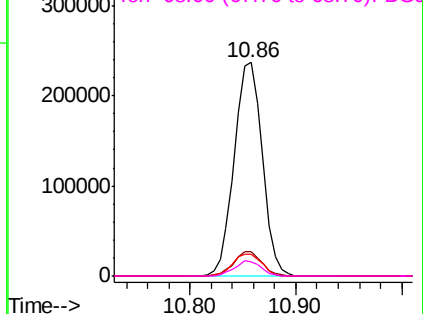
137 11.6 9.2 13.8

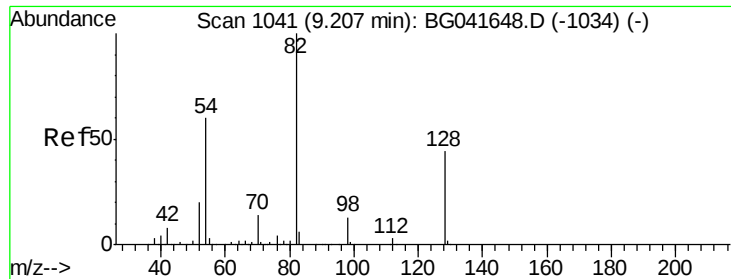
54 10.3 8.7 13.1

68 6.4 5.5 8.3



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

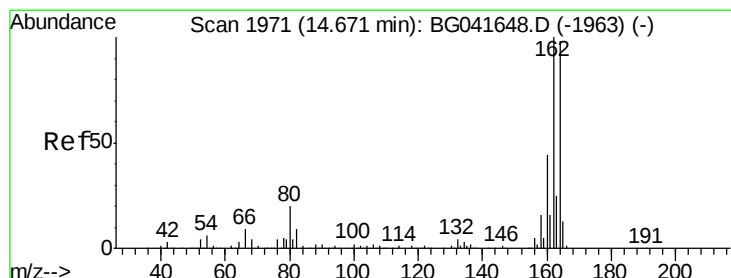
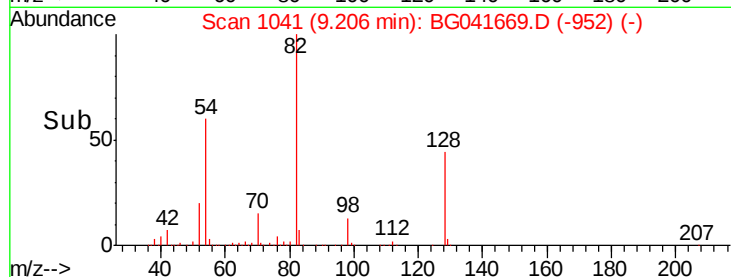
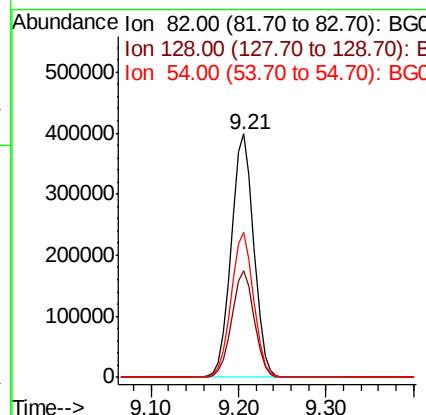
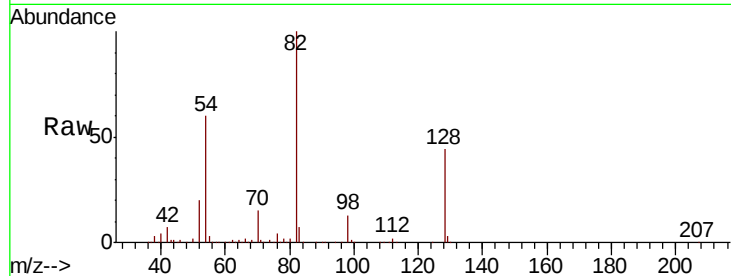




#23
 Nitrobenzene-d5
 Concen: 98.005 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041669.D
 Acq: 16 Jul 2019 15:42

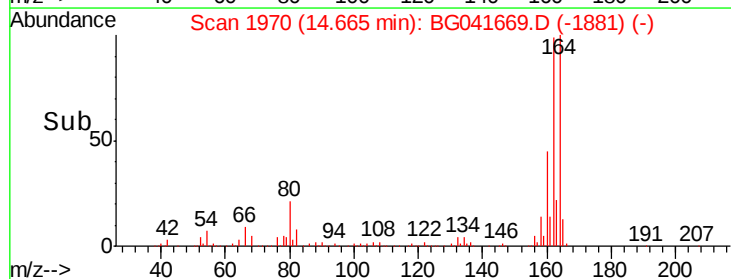
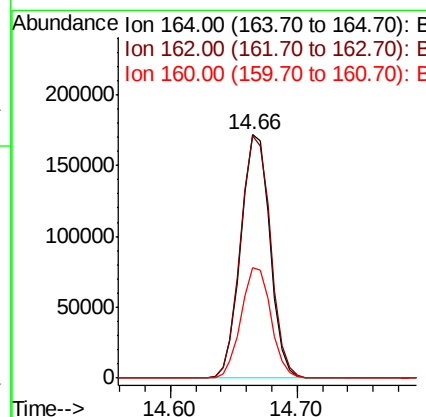
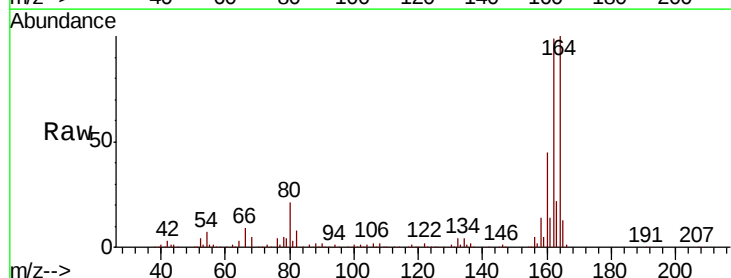
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-071219-E

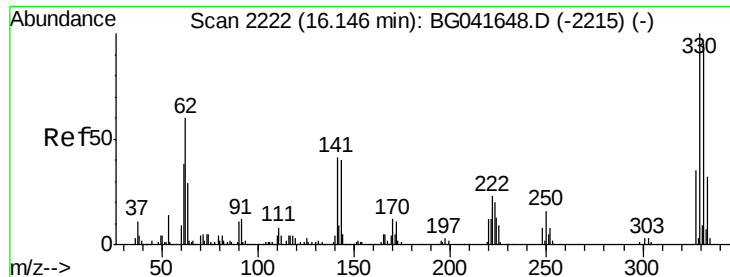
Tot Ion	82	Resp	701576
Ion Ratio	Lower	Upper	
82	100		
128	44.1	35.1	52.7
54	59.6	48.7	73.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG041669.D
 Acq: 16 Jul 2019 15:42

Tgt Ion	164	Resp	273508
Ion Ratio	Lower	Upper	
164	100		
162	99.3	79.6	119.4
160	45.3	35.4	53.0

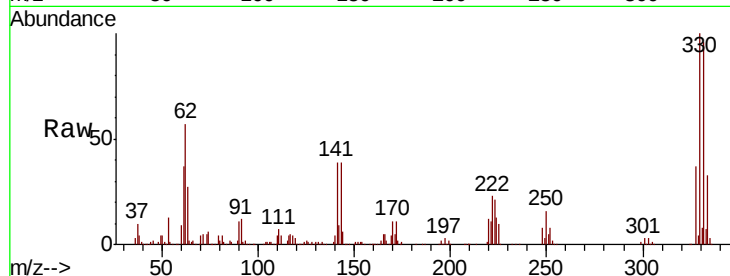




#42
 2,4,6-Tribromophenol
 Concen: 146.647 ng
 RT: 16.15 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041669.D
 Acq: 16 Jul 2019 15:42

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-071219-E

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.0
141	39.2	31.9	47.9

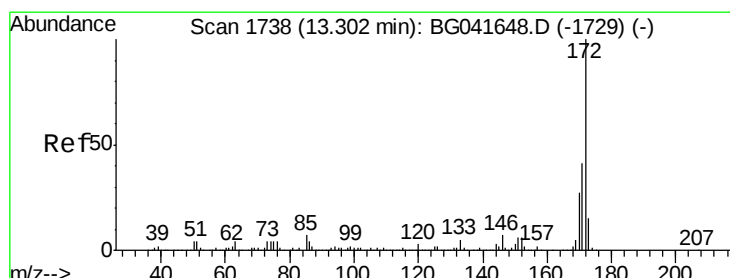
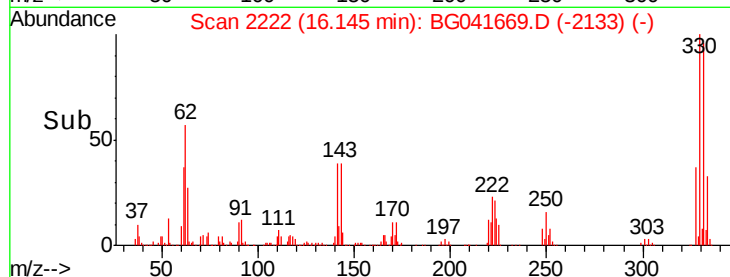
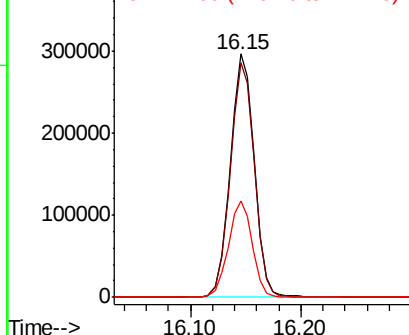


Abundance

Ion 329.80 (329.50 to 330.50): E

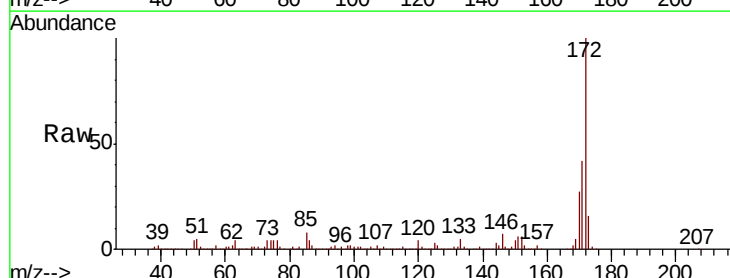
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.679 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG041669.D
 Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.8	35.0	52.4
170	27.1	23.5	35.3

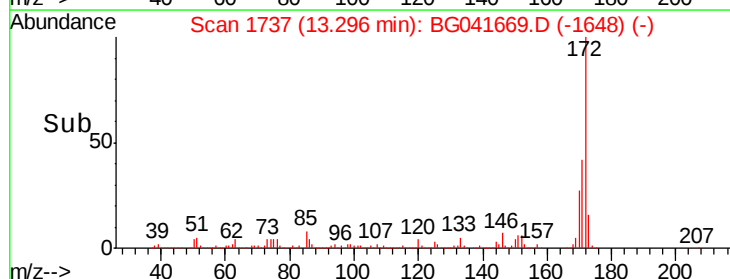
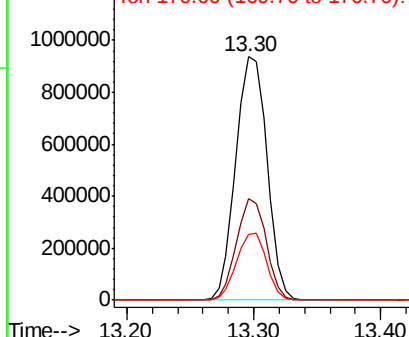


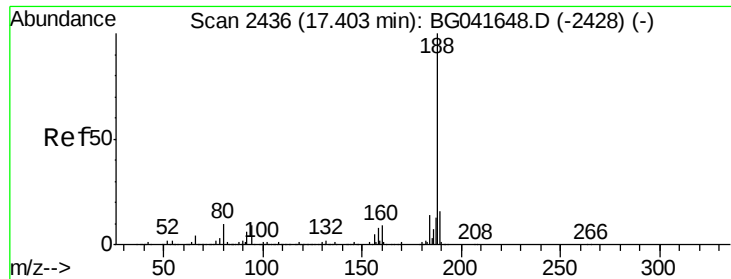
Abundance

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

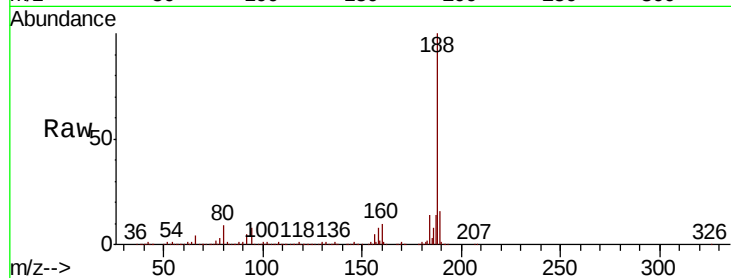




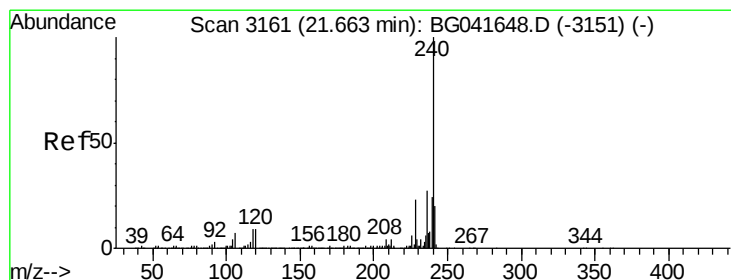
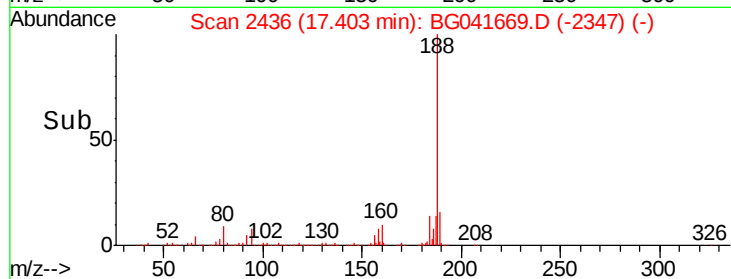
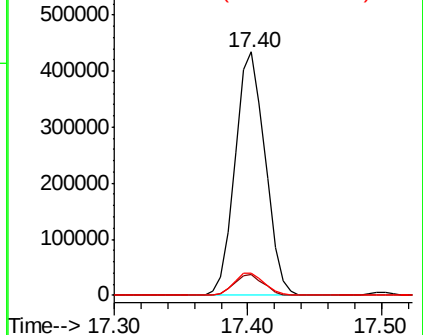
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG041669.D
Acq: 16 Jul 2019 15:42

Instrument :
BNA_G
ClientSampleId :
CL-01-071219-E

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.3	8.0	12.0

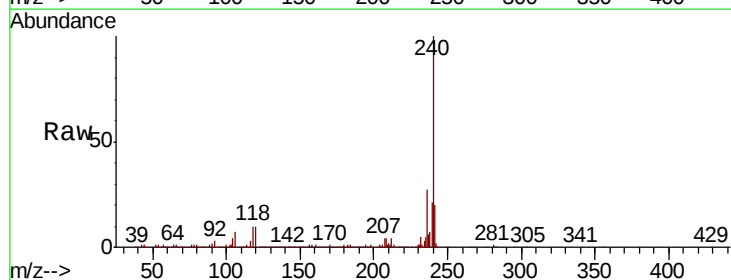


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

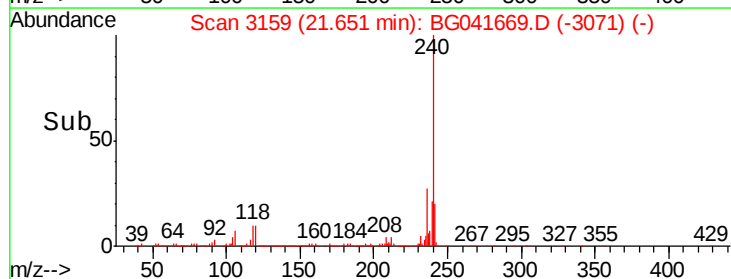
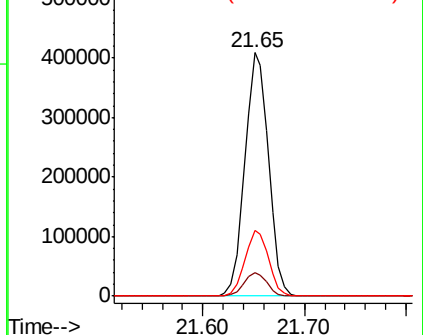


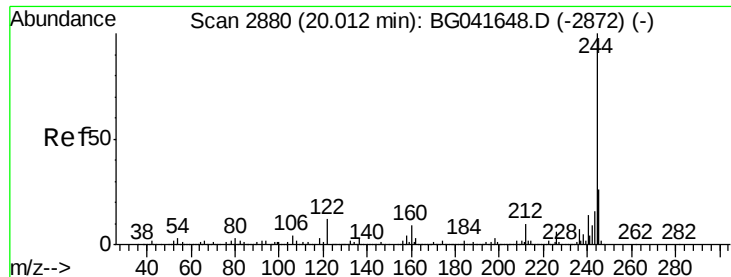
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG041669.D
Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.0	12.0
236	26.8	22.6	33.8



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: 86.009 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG041669.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_G

ClientSampleId :

CL-01-071219-E

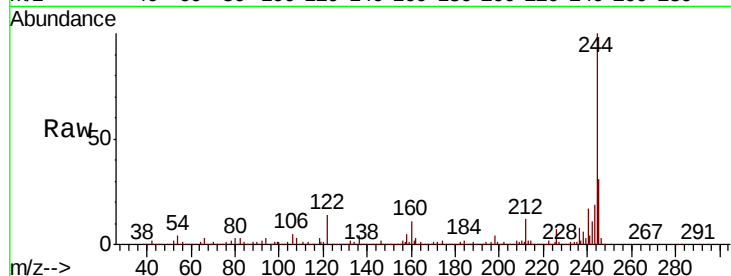
Tot Ion:244 Resp: 2421450

Ion Ratio Lower Upper

244 100

212 11.5 9.7 14.5

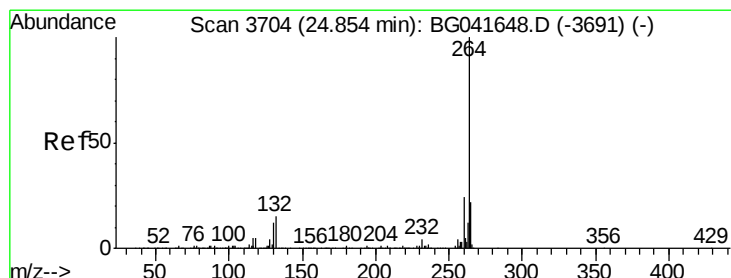
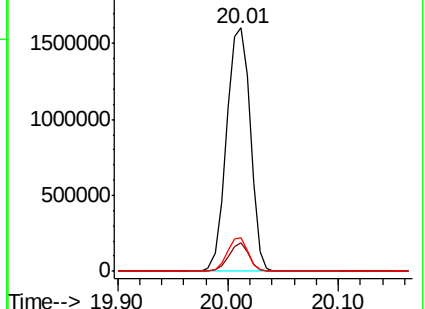
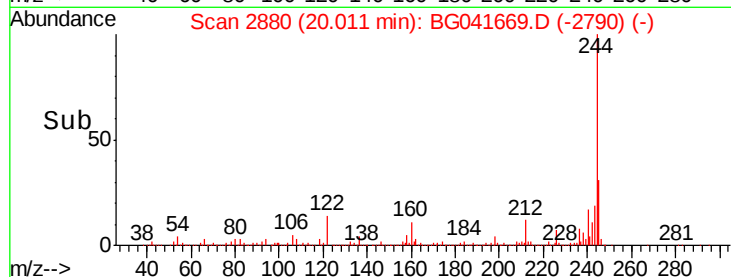
122 14.0 12.5 18.7



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: 24.85 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG041669.D

Acq: 16 Jul 2019 15:42

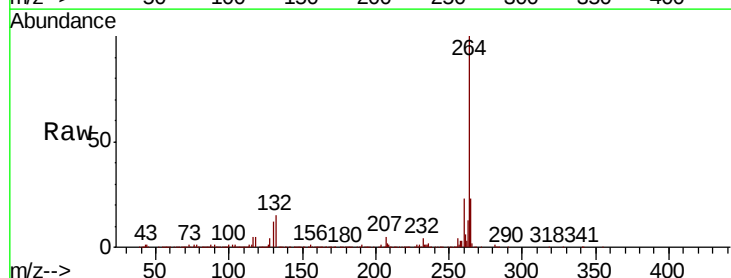
Tgt Ion:264 Resp: 744656

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 23.1 18.0 27.0



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

