

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
 Data File : BG041516.D
 Acq On : 28 Jun 2019 17:04
 Operator : HP/JU
 Sample : K3157-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-062619-B

Quant Time: Jun 29 03:03:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	17577	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	64821	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	51863	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	164733	20.00	ng	0.00
76) Chrysene-d12	21.70	240	182655	20.00	ng	0.00
87) Perylene-d12	24.98	264	192679	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	132264	134.16	ng	0.00
7) Phenol-d6	7.19	99	169744	122.30	ng	0.00
23) Nitrobenzene-d5	9.21	82	142755	91.85	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	137220	154.96	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	361184	89.37	ng	0.00
79) Terphenyl-d14	20.02	244	984154	114.50	ng	0.00

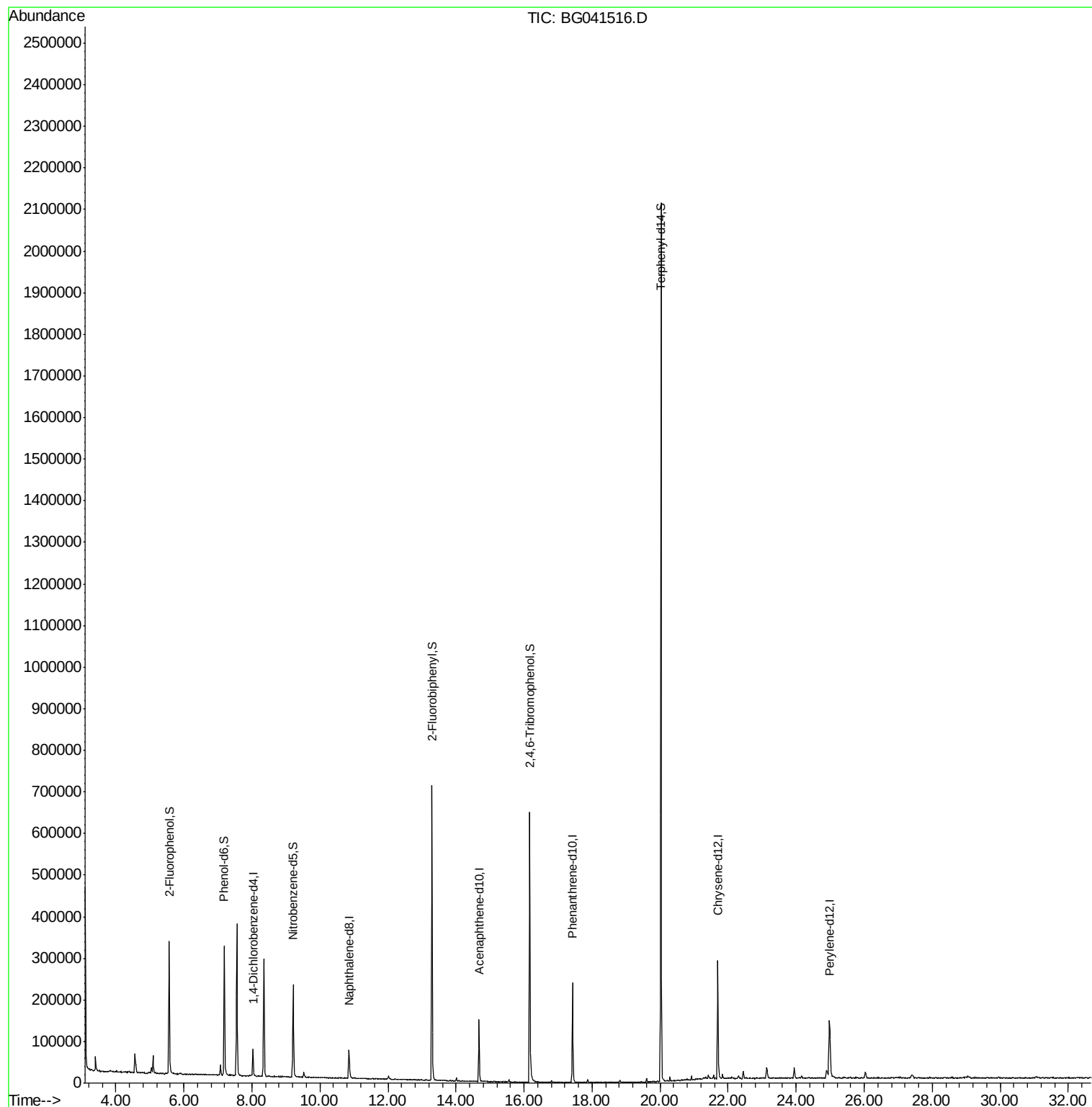
Target Compounds	Qvalue
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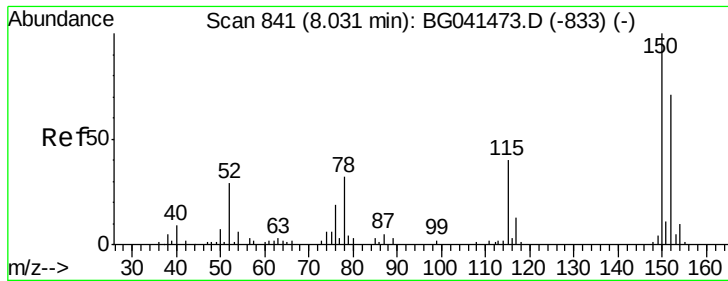
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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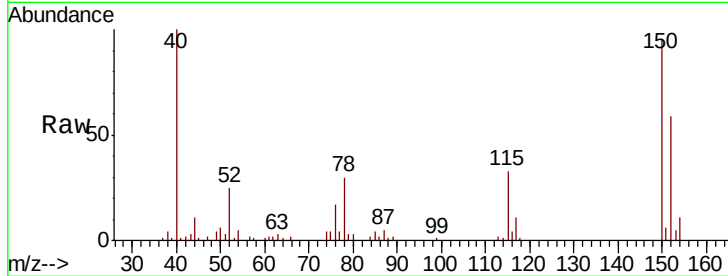


#1

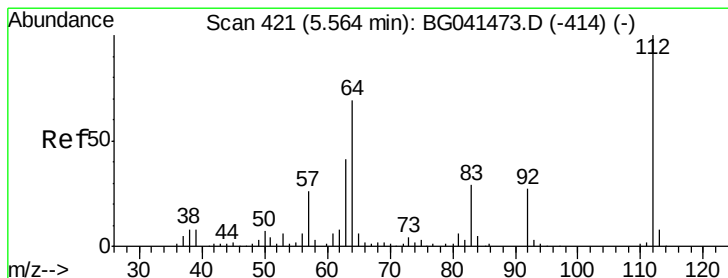
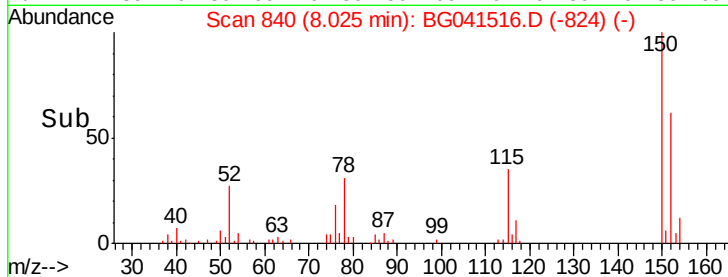
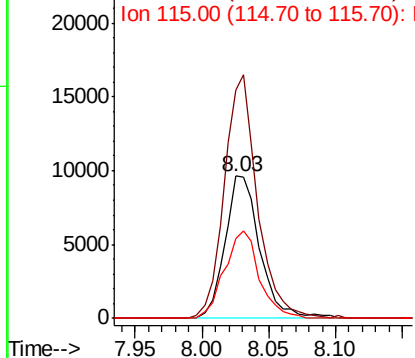
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG041516.D
Acq: 28 Jun 2019 17:04

Instrument :
BNA_G
ClientSampleId :
CL-02-062619-B

Tgt Ion:152 Resp: 17577
Ion Ratio Lower Upper
152 100
150 160.3 112.4 168.6
115 55.8 44.6 66.8



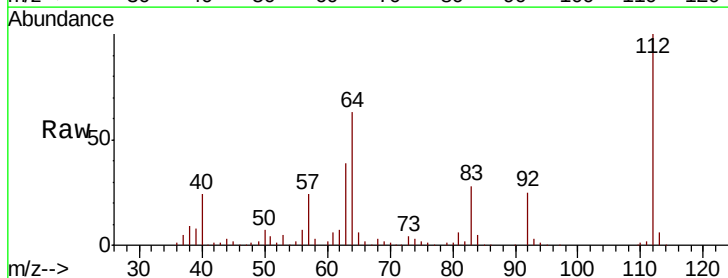
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



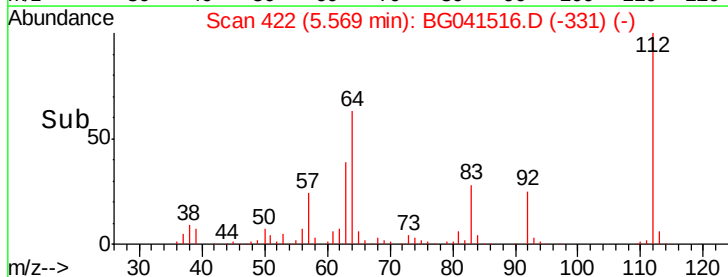
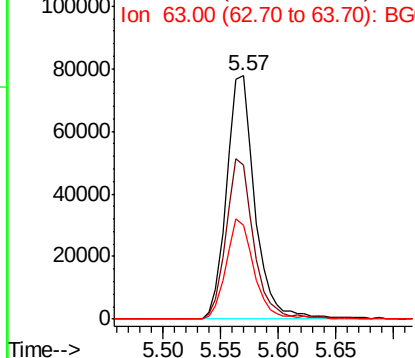
#5

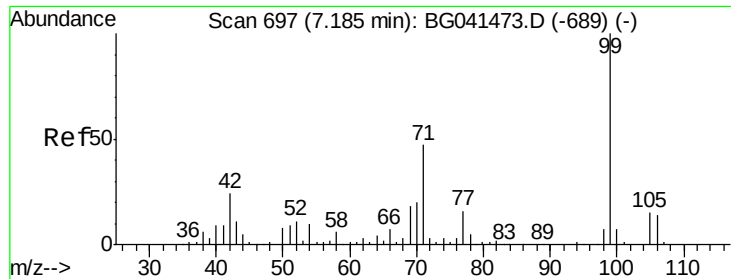
2-Fluorophenol
Concen: 134.157 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG041516.D
Acq: 28 Jun 2019 17:04

Tgt Ion:112 Resp: 132264
Ion Ratio Lower Upper
112 100
64 63.0 55.1 82.7
63 38.7 32.4 48.6



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: 122.305 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG041516.D

Acq: 28 Jun 2019 17:04

Instrument :

BNA_G

ClientSampleId :

CL-02-062619-B

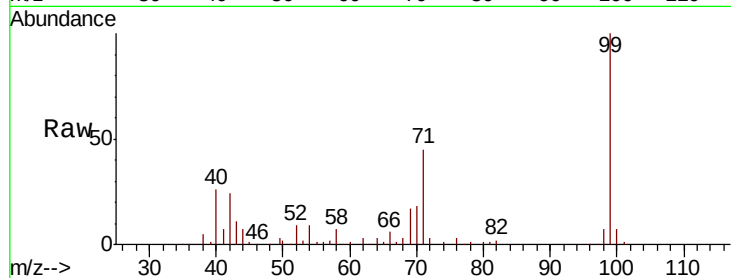
Tgt Ion: 99 Resp: 169744

Ion Ratio Lower Upper

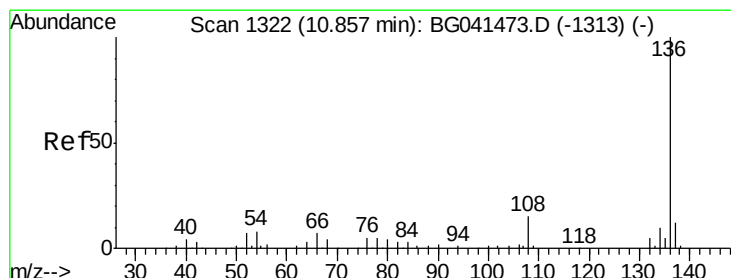
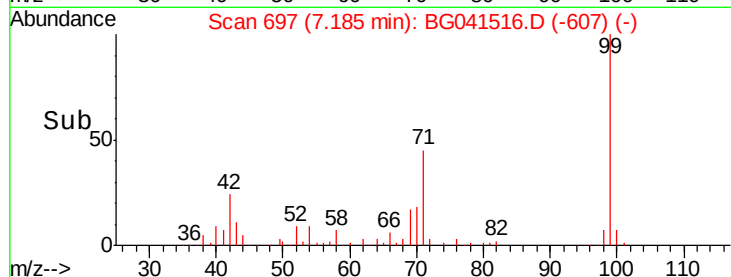
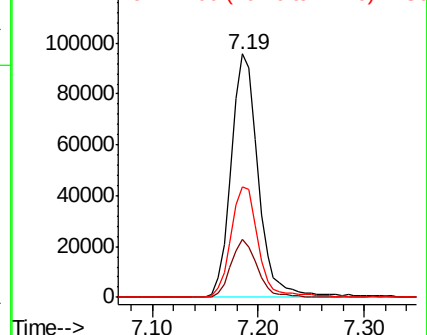
99 100

42 23.8 19.0 28.6

71 45.2 37.4 56.2



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: BG041516.D

Acq: 28 Jun 2019 17:04

Tgt Ion: 136 Resp: 64821

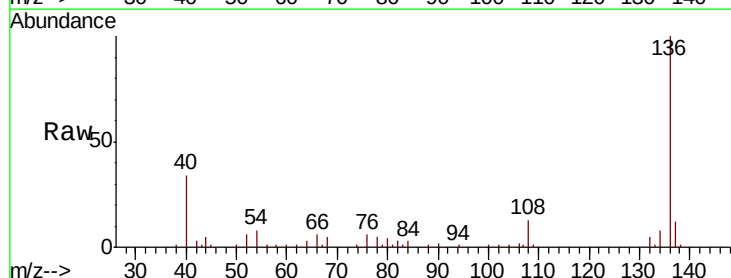
Ion Ratio Lower Upper

136 100

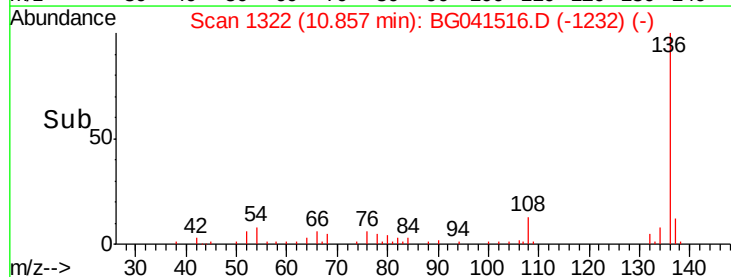
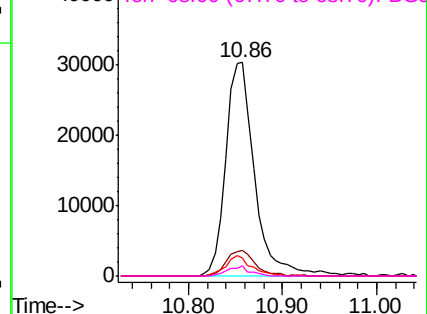
137 12.1 9.3 13.9

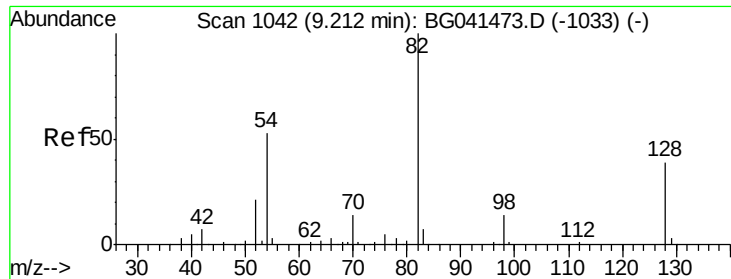
54 8.2 7.1 10.7

68 4.8 3.3 4.9



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

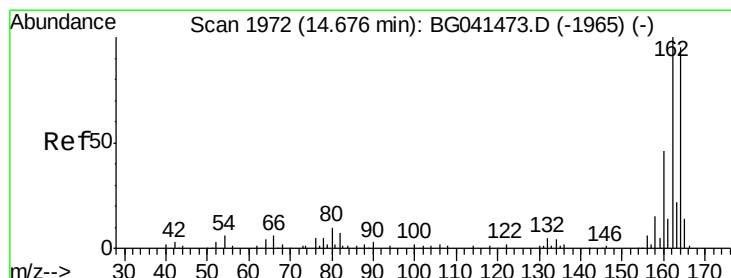
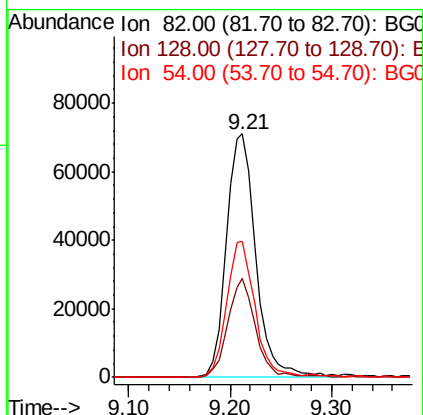
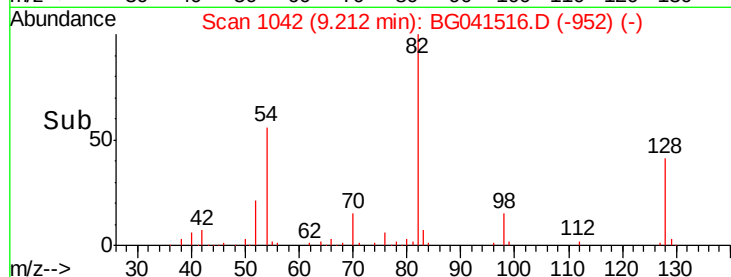
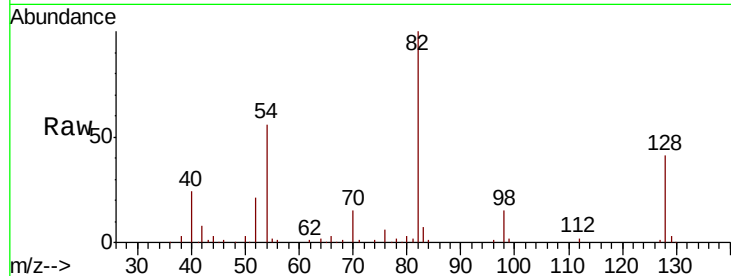




#23
 Nitrobenzene-d5
 Concen: 91.851 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041516.D
 Acq: 28 Jun 2019 17:04

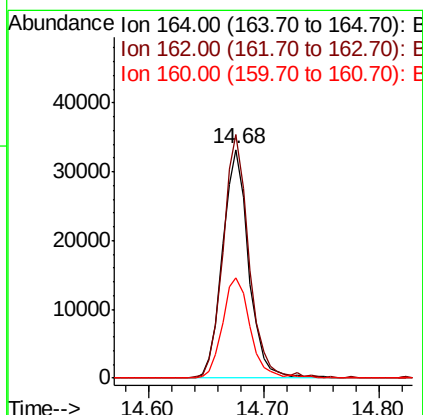
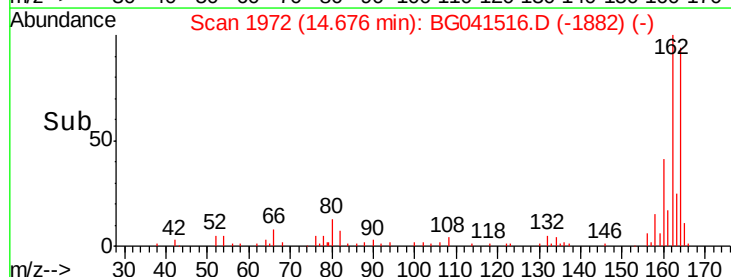
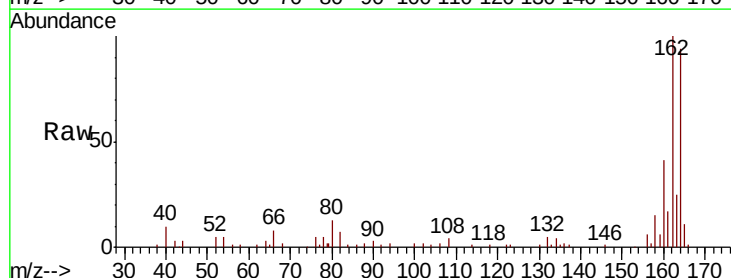
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-062619-B

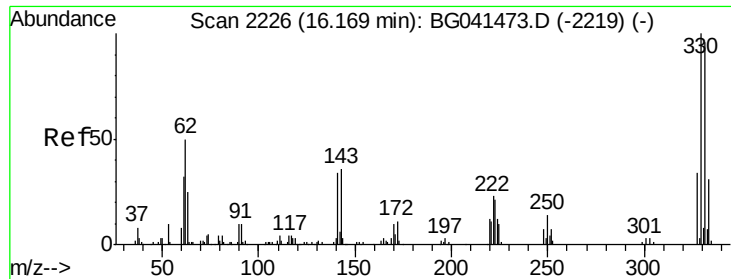
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.6	30.9	46.3
54	55.9	42.2	63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG041516.D
 Acq: 28 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	84.4	126.6
160	44.0	38.8	58.2

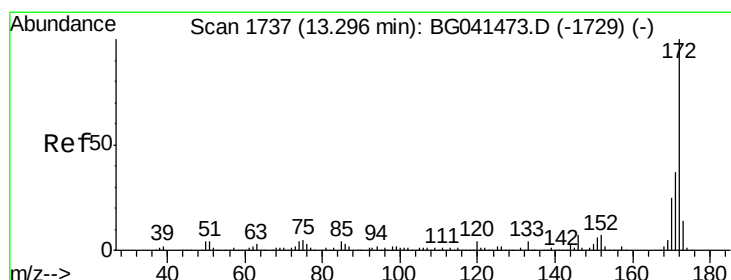
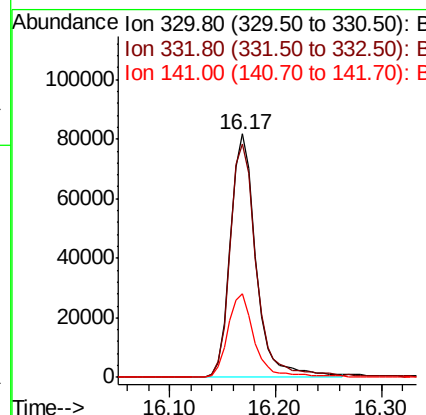
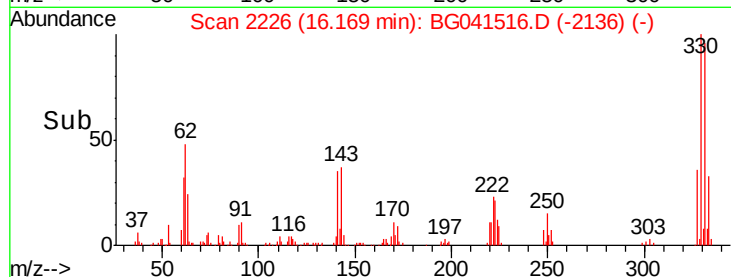
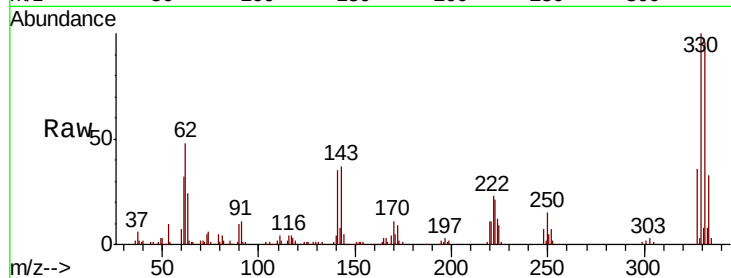




#42
 2,4,6-Tribromophenol
 Concen: 154.959 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG041516.D
 Acq: 28 Jun 2019 17:04

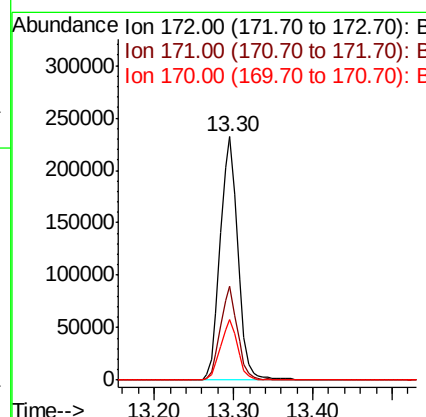
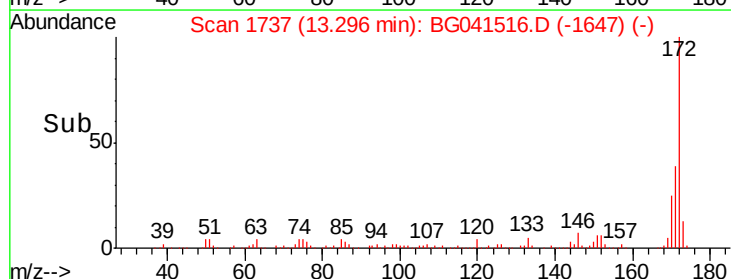
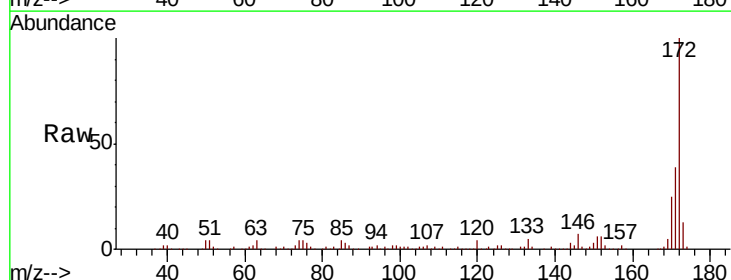
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-062619-B

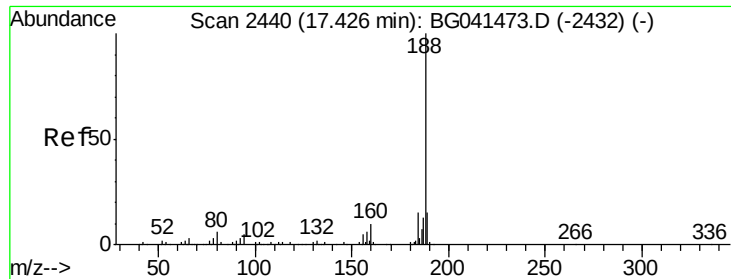
Tgt Ion:330 Resp: 137220
 Ion Ratio Lower Upper
 330 100
 332 98.8 75.5 113.3
 141 35.3 27.8 41.6



#45
 2-Fluorobiphenyl
 Concen: 89.369 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041516.D
 Acq: 28 Jun 2019 17:04

Tgt Ion:172 Resp: 361184
 Ion Ratio Lower Upper
 172 100
 171 38.7 29.6 44.4
 170 25.1 20.0 30.0

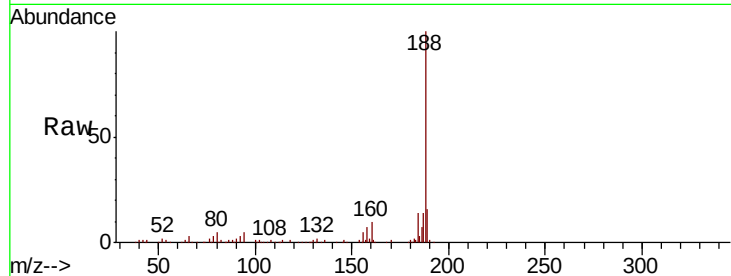




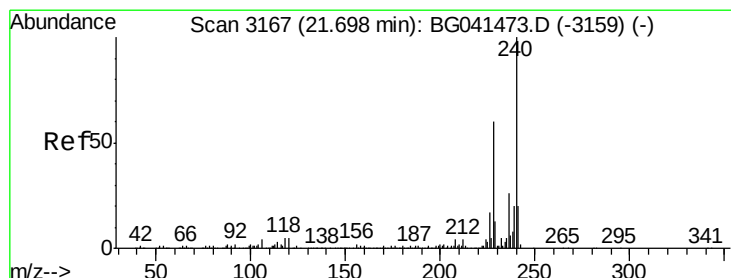
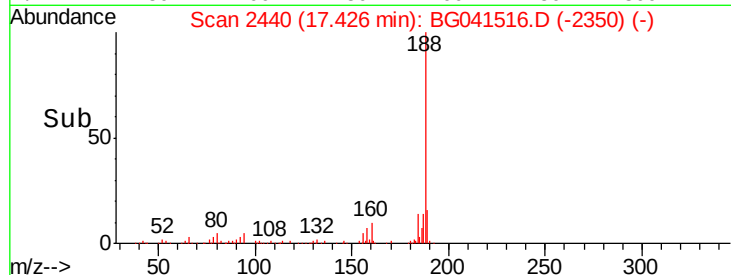
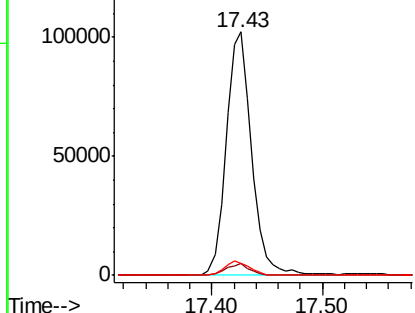
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041516.D
Acq: 28 Jun 2019 17:04

Instrument :
BNA_G
ClientSampleId :
CL-02-062619-B

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.9	3.8	5.8
80	4.8	4.8	7.2

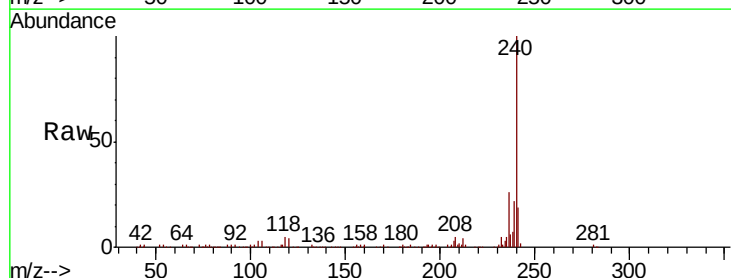


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

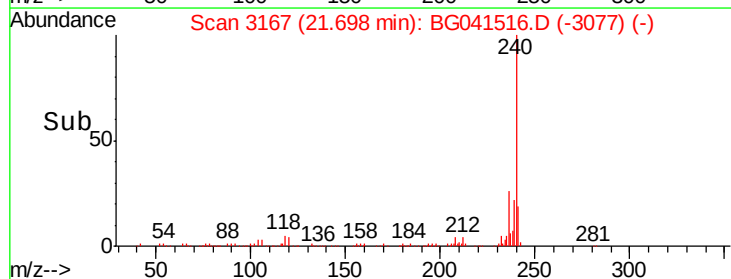
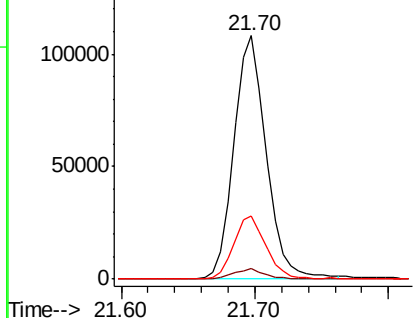


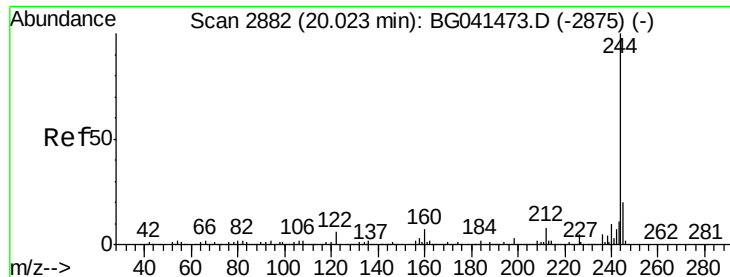
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041516.D
Acq: 28 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.3	3.7	5.5
236	25.8	20.8	31.2



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: 114.500 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG041516.D

Acq: 28 Jun 2019 17:04

Instrument :

BNA_G

ClientSampleId :

CL-02-062619-B

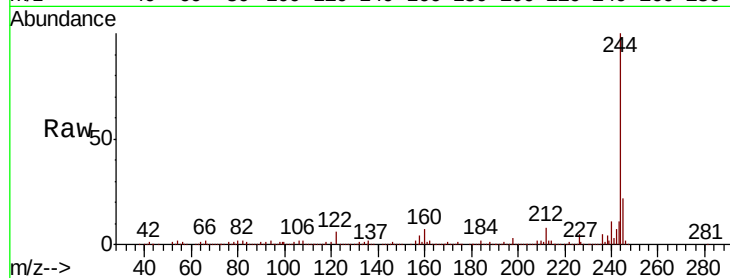
Tgt Ion:244 Resp: 984154

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.4

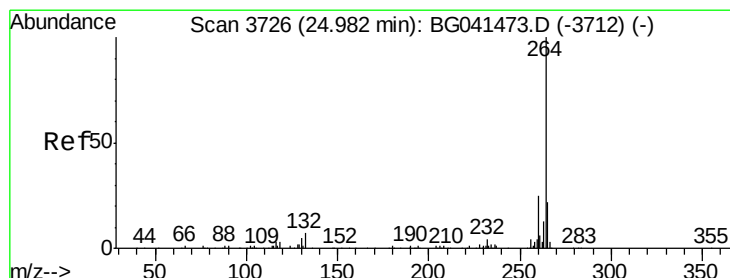
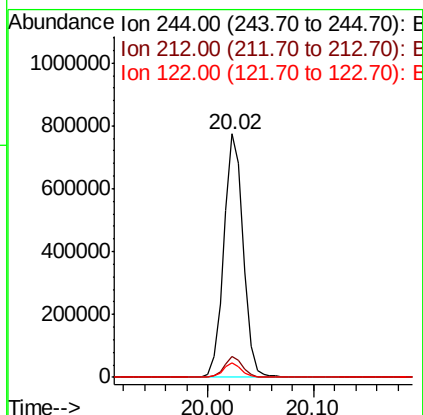
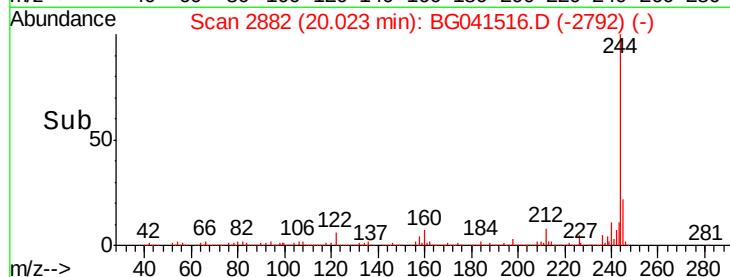
122 5.9 4.8 7.2



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: 24.98 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BG041516.D

Acq: 28 Jun 2019 17:04

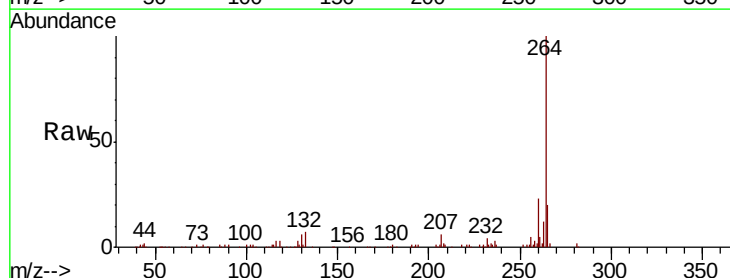
Tgt Ion:264 Resp: 192679

Ion Ratio Lower Upper

264 100

260 22.7 19.7 29.5

265 19.7 17.4 26.2



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

