

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
 Data File : BG041515.D
 Acq On : 28 Jun 2019 16:26
 Operator : HP/JU
 Sample : K3157-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jun 29 02:21:35 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	24418	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	83545	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	62263	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	185770	20.00	ng	0.00
76) Chrysene-d12	21.69	240	218481	20.00	ng	0.00
87) Perylene-d12	24.98	264	226235	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	164902	120.40	ng	0.00
7) Phenol-d6	7.19	99	205128	106.39	ng	0.00
23) Nitrobenzene-d5	9.21	82	175832	87.78	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	148297	139.49	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	423841	87.35	ng	0.00
79) Terphenyl-d14	20.03	244	1062891	103.38	ng	0.00

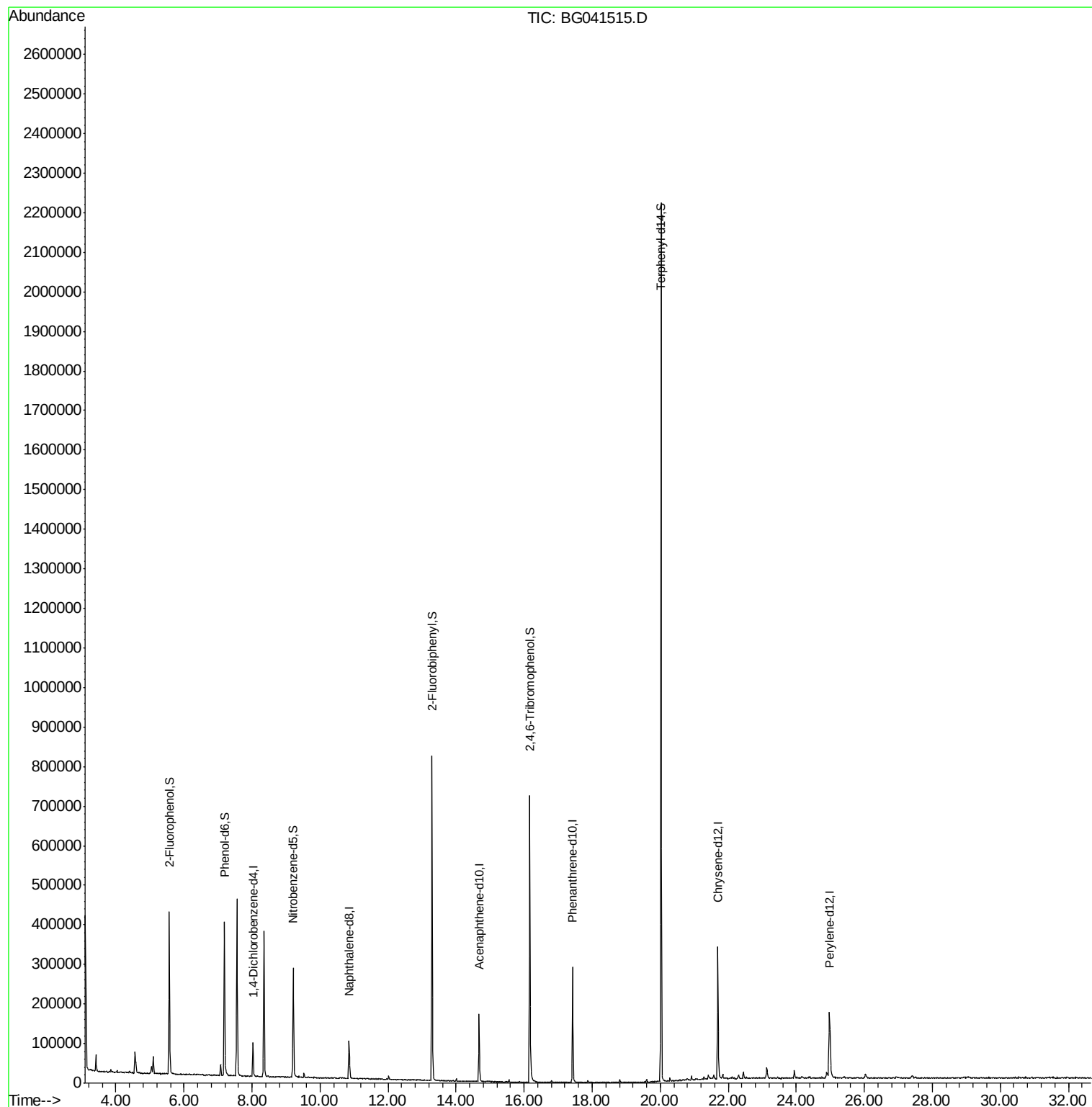
Target Compounds	Qvalue
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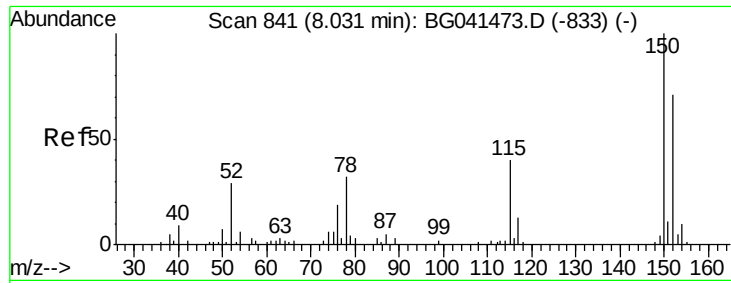
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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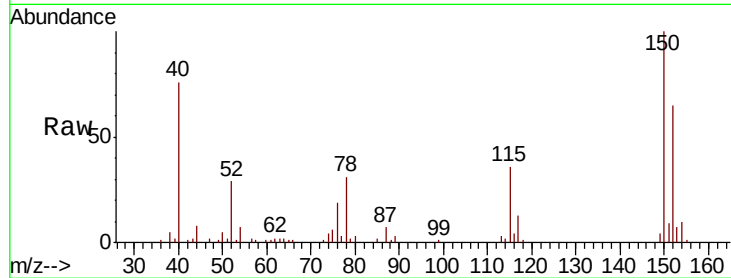


#1

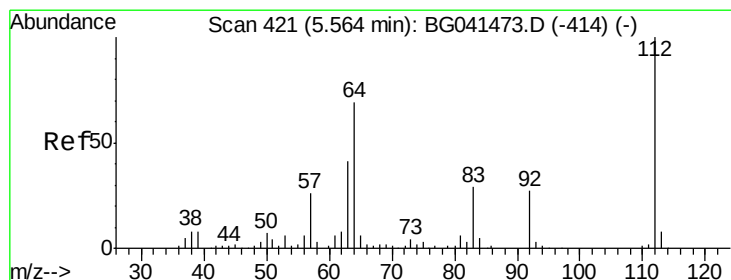
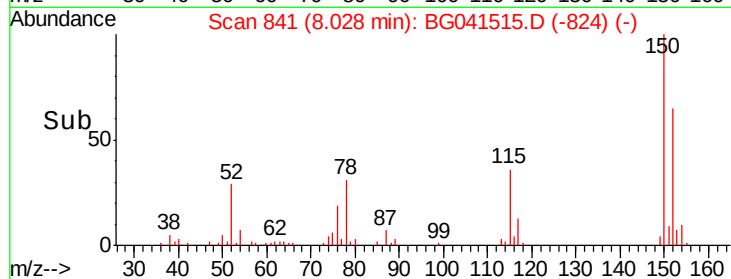
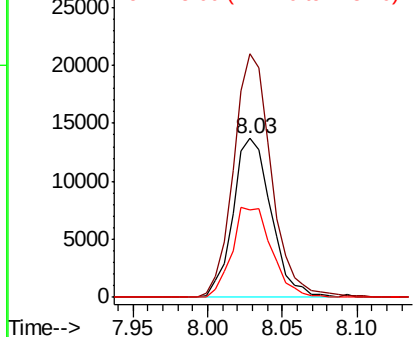
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041515.D
Acq: 28 Jun 2019 16:26

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

Tgt Ion:152 Resp: 24418
Ion Ratio Lower Upper
152 100
150 153.6 112.4 168.6
115 54.9 44.6 66.8



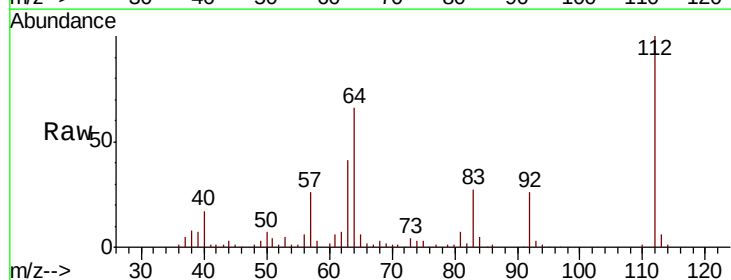
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



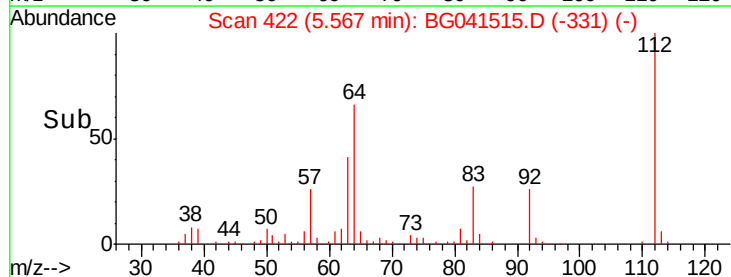
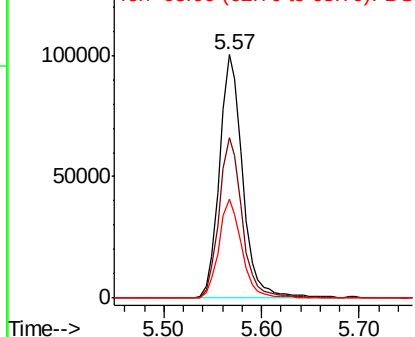
#5

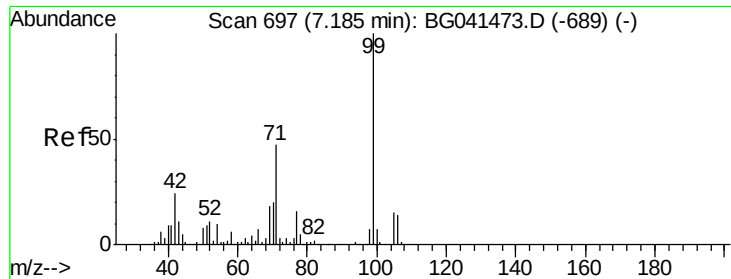
2-Fluorophenol
Concen: 120.401 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041515.D
Acq: 28 Jun 2019 16:26

Tgt Ion:112 Resp: 164902
Ion Ratio Lower Upper
112 100
64 65.8 55.1 82.7
63 40.8 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: 106.392 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041515.D

Acq: 28 Jun 2019 16:26

Instrument :

BNA_G

ClientSampleId :

CL-02-062619-A

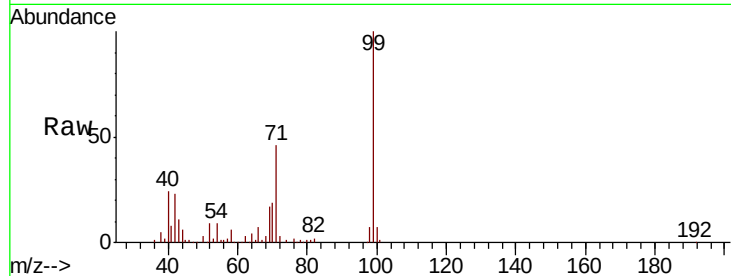
Tgt Ion: 99 Resp: 205128

Ion Ratio Lower Upper

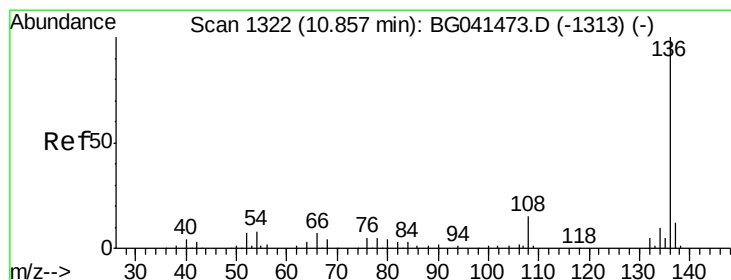
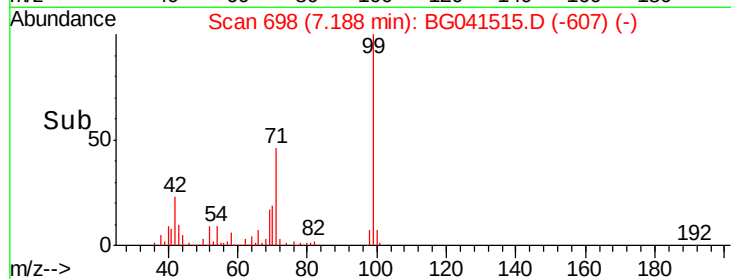
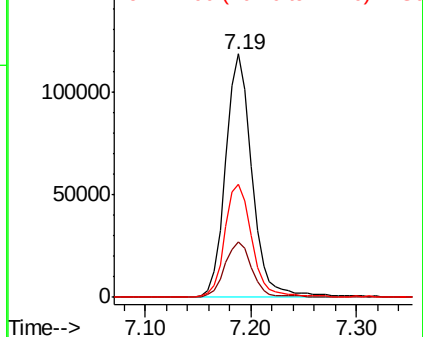
99 100

42 22.7 19.0 28.6

71 46.5 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: 10.85 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG041515.D

Acq: 28 Jun 2019 16:26

Tgt Ion: 136 Resp: 83545

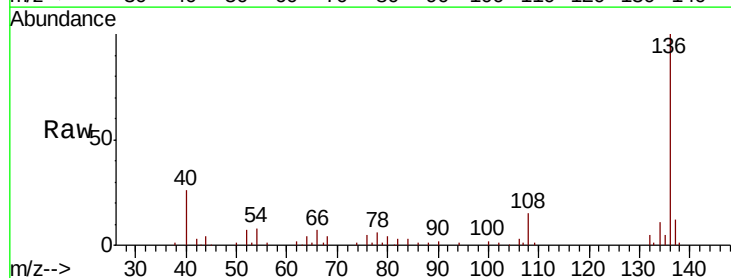
Ion Ratio Lower Upper

136 100

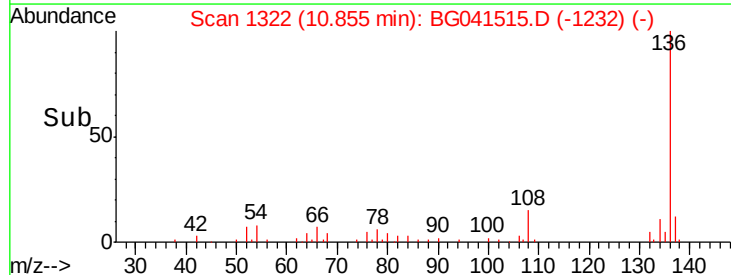
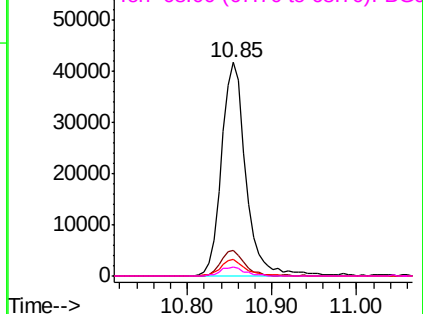
137 12.0 9.3 13.9

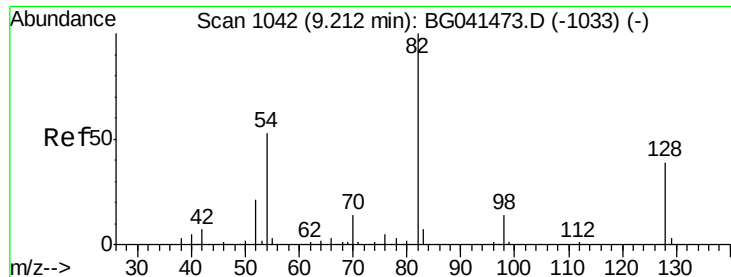
54 7.9 7.1 10.7

68 4.0 3.3 4.9



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

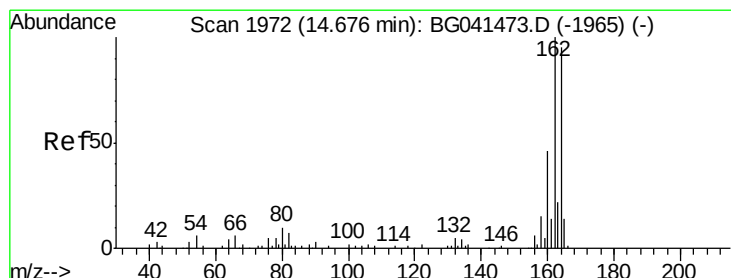
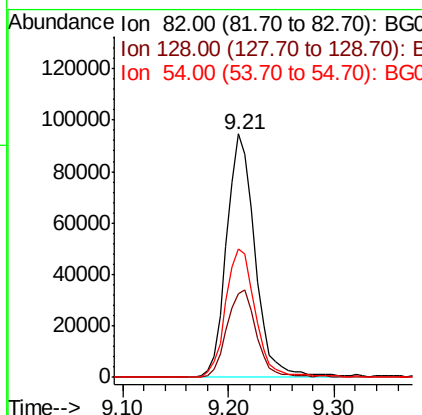
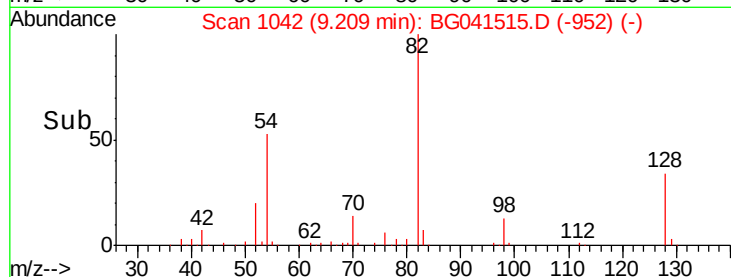
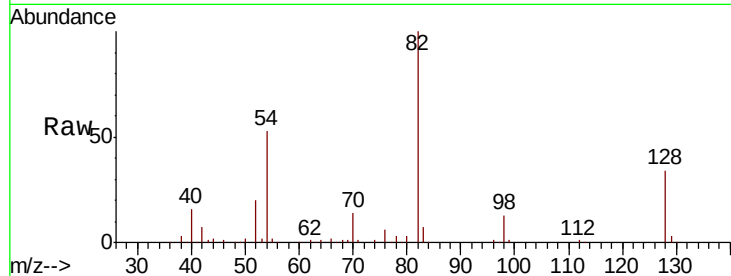




#23
 Nitrobenzene-d5
 Concen: 87.778 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041515.D
 Acq: 28 Jun 2019 16:26

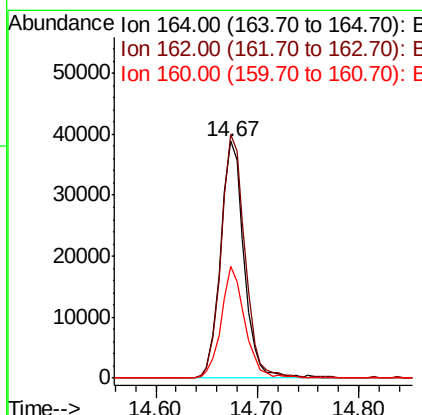
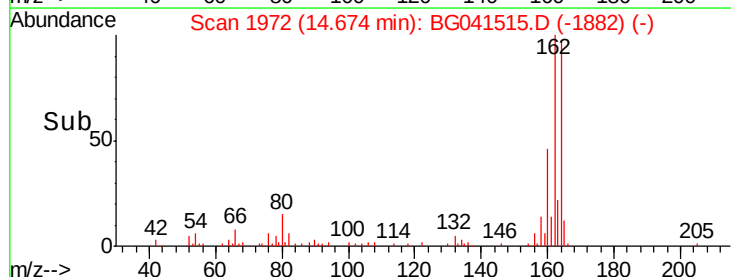
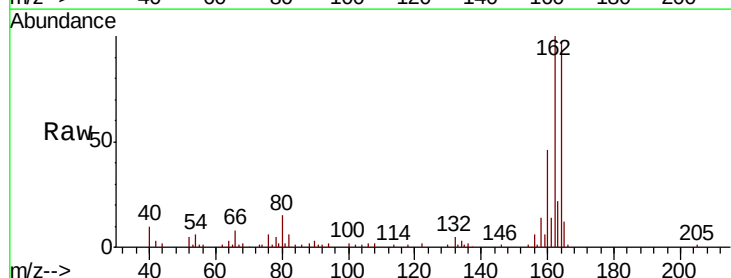
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-062619-A

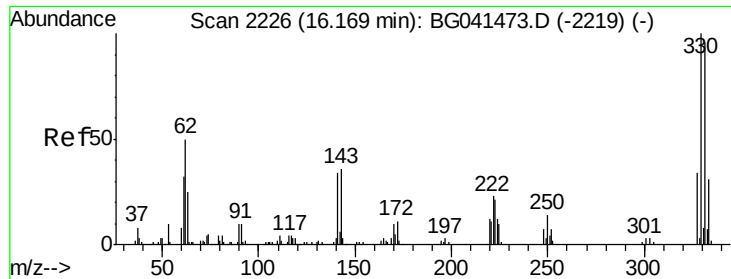
Tgt Ion: 82 Resp: 175832
 Ion Ratio Lower Upper
 82 100
 128 34.4 30.9 46.3
 54 52.8 42.2 63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG041515.D
 Acq: 28 Jun 2019 16:26

Tgt Ion: 164 Resp: 62263
 Ion Ratio Lower Upper
 164 100
 162 102.8 84.4 126.6
 160 47.0 38.8 58.2





#42

2,4,6-Tribromophenol

Concen: 139.495 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG041515.D

Acq: 28 Jun 2019 16:26

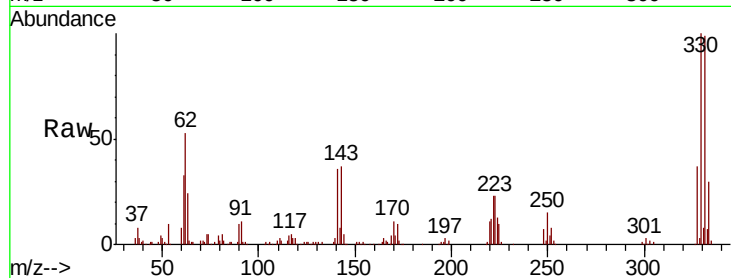
Instrument :

BNA_G

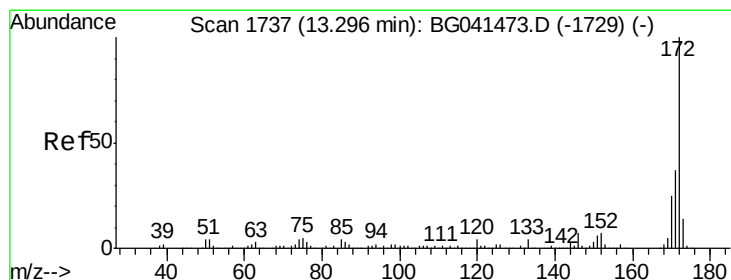
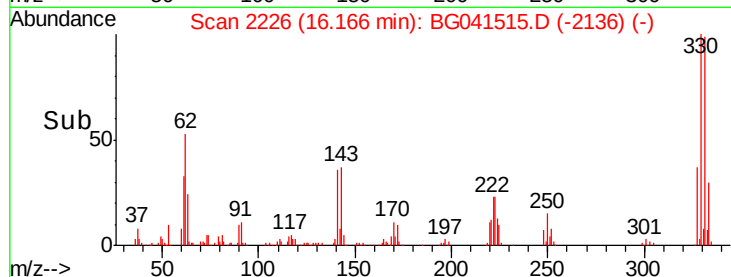
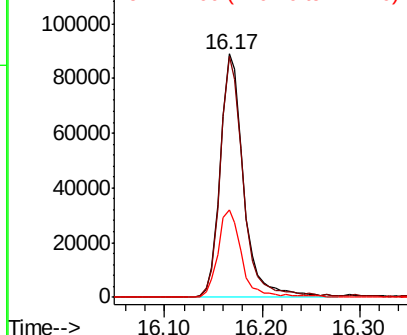
ClientSampleId :

CL-02-062619-A

Tgt Ion:	330	Resp:	148297
Ion	Ratio	Lower	Upper
330	100		
332	97.4	75.5	113.3
141	36.4	27.8	41.6



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: 87.355 ng

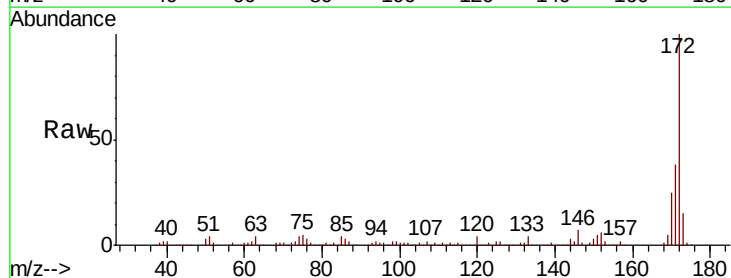
RT: 13.29 min Scan# 1737

Delta R.T. -0.00 min

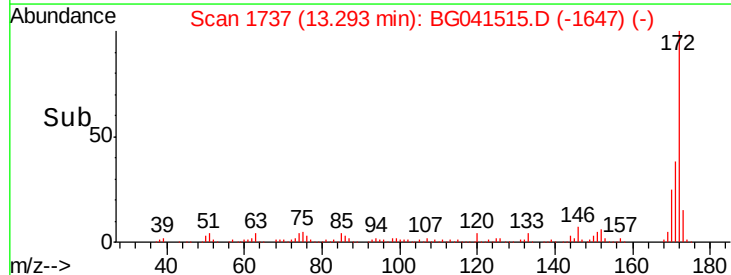
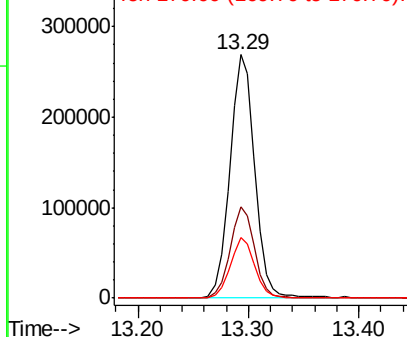
Lab File: BG041515.D

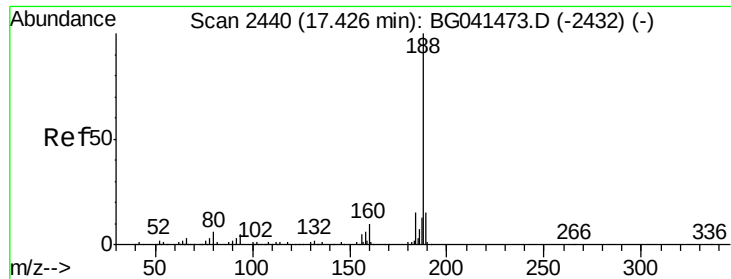
Acq: 28 Jun 2019 16:26

Tgt Ion:	172	Resp:	423841
Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.6	44.4
170	24.8	20.0	30.0



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: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG041515.D

Acq: 28 Jun 2019 16:26

Instrument :

BNA_G

ClientSampleId :

CL-02-062619-A

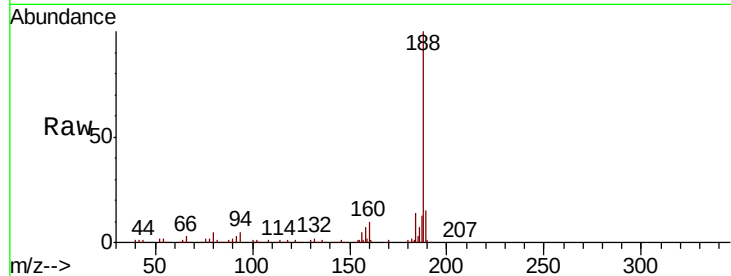
Tgt Ion:188 Resp: 185770

Ion Ratio Lower Upper

188 100

94 4.9 3.8 5.8

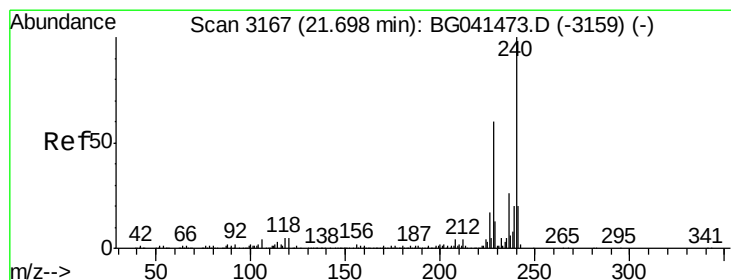
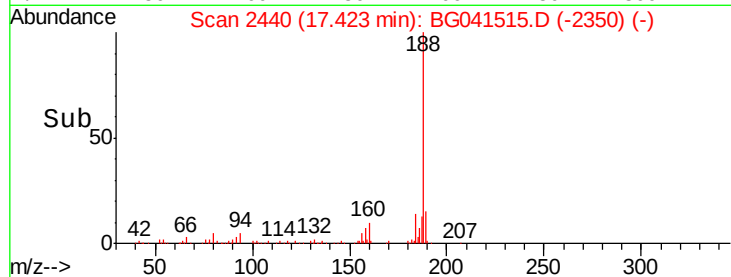
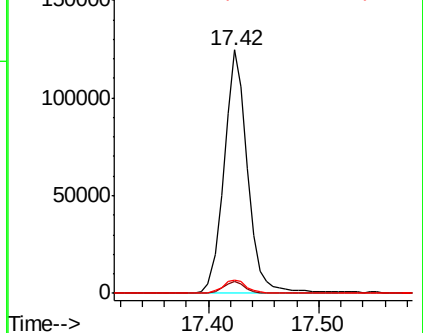
80 5.4 4.8 7.2



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: 21.69 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG041515.D

Acq: 28 Jun 2019 16:26

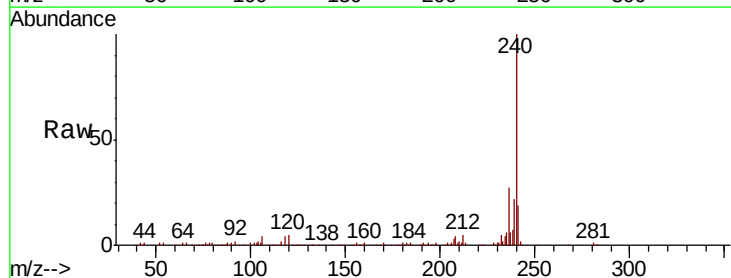
Tgt Ion:240 Resp: 218481

Ion Ratio Lower Upper

240 100

120 4.7 3.7 5.5

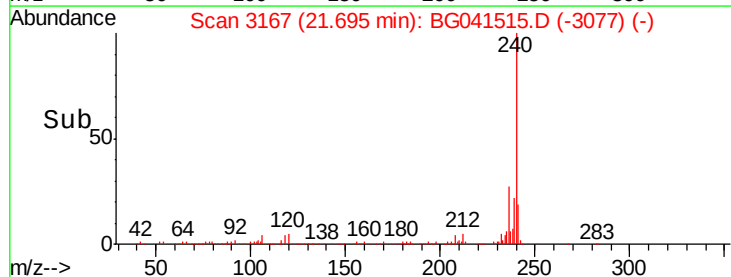
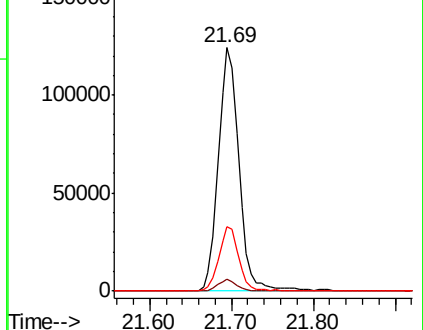
236 26.6 20.8 31.2

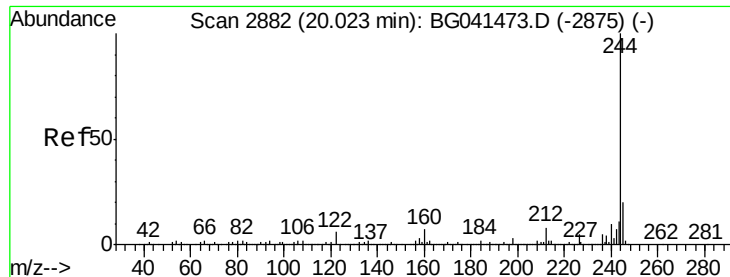


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 103.383 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041515.D

Acq: 28 Jun 2019 16:26

Instrument :

BNA_G

ClientSampleId :

CL-02-062619-A

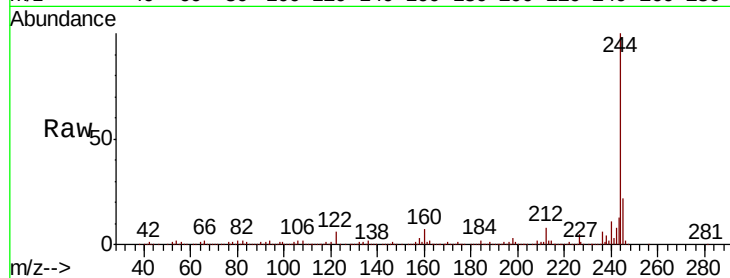
Tgt Ion:244 Resp: 1062891

Ion Ratio Lower Upper

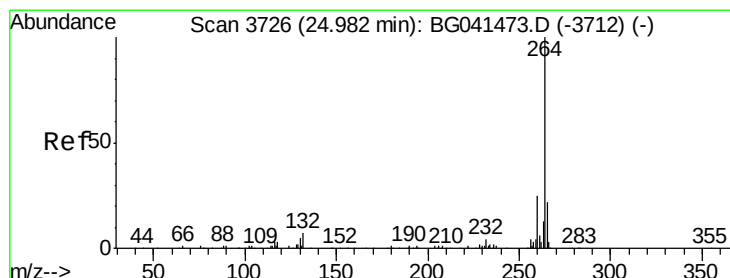
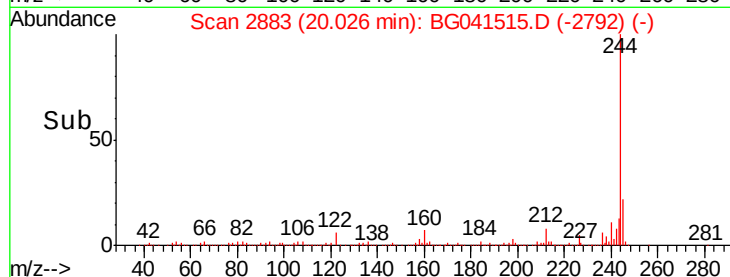
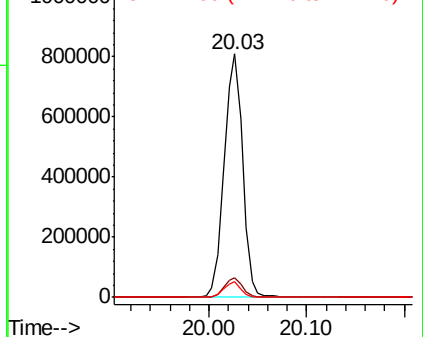
244 100

212 8.3 6.2 9.4

122 6.3 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: BG041515.D

Acq: 28 Jun 2019 16:26

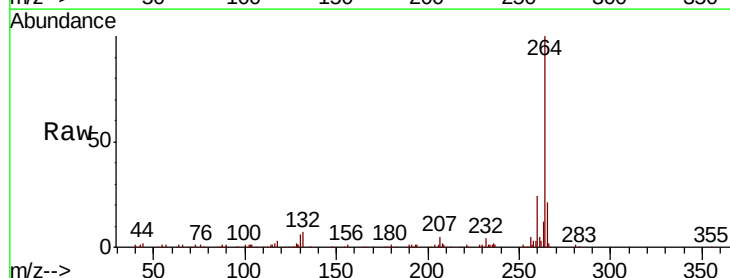
Tgt Ion:264 Resp: 226235

Ion Ratio Lower Upper

264 100

260 24.0 19.7 29.5

265 20.5 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

