

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042294.D
 Acq On : 17 Aug 2019 17:23
 Operator : HP/JU
 Sample : K3616-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-C

Quant Time: Aug 19 07:30:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:42:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	59917	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	219012	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	159633	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	394812	20.00	ng	0.00
76) Chrysene-d12	21.70	240	482577	20.00	ng	0.00
87) Perylene-d12	24.94	264	538725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	389546	126.49	ng	0.00
7) Phenol-d6	7.17	99	472978	113.92	ng	0.00
23) Nitrobenzene-d5	9.17	82	332877	104.59	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	337296	186.02	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	991836	109.58	ng	0.00
79) Terphenyl-d14	20.03	244	1959186	92.90	ng	0.00

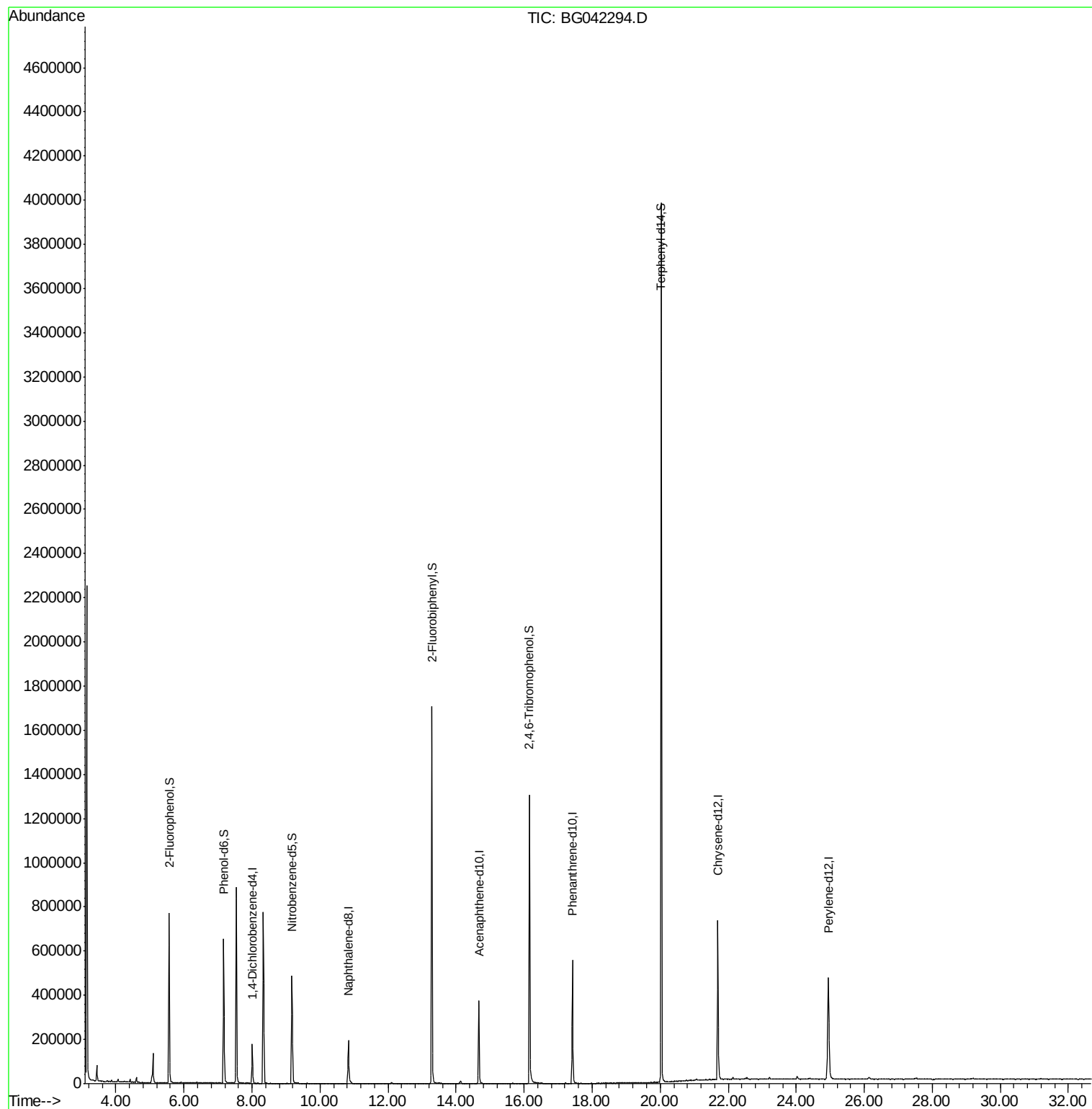
Target Compounds Qvalue

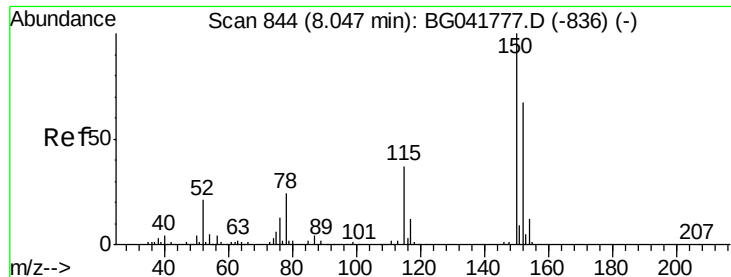
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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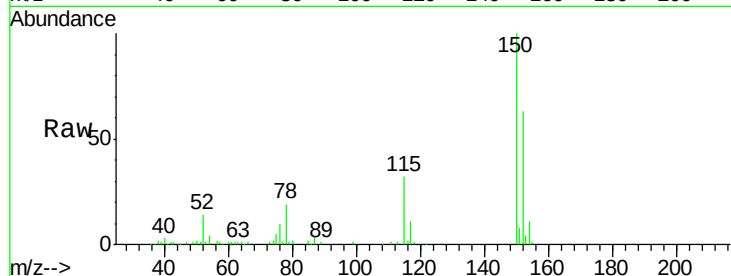


#1

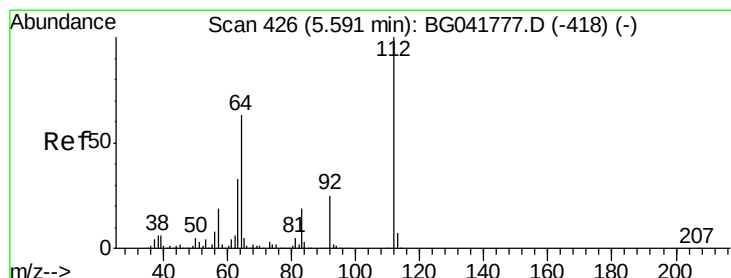
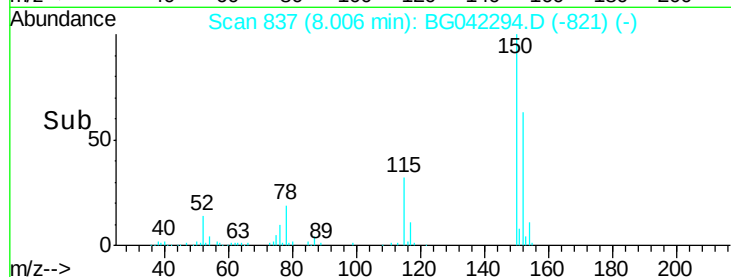
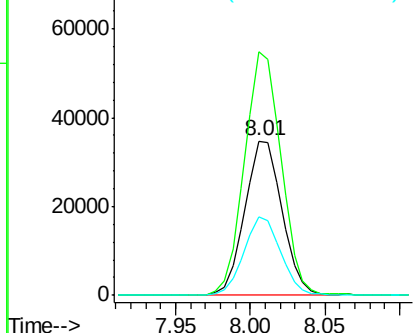
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG042294.D
Acq: 17 Aug 2019 17:23

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-C

Tot Ion	152	Resp	59917
Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.9	190.3
115	50.5	45.0	67.6



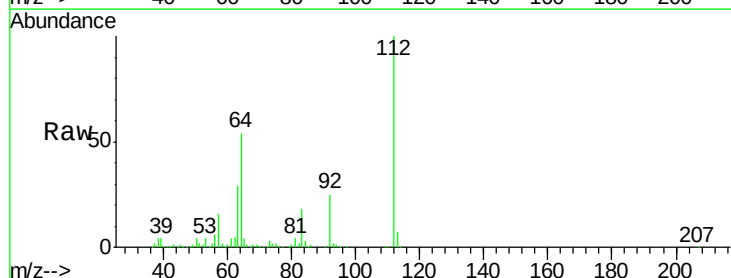
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



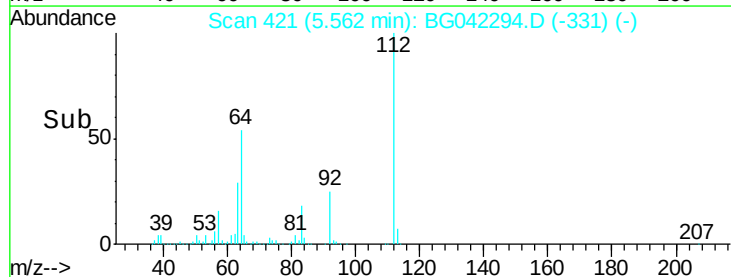
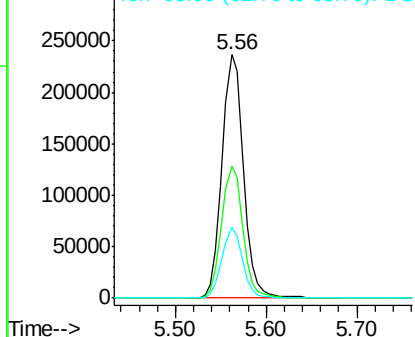
#5

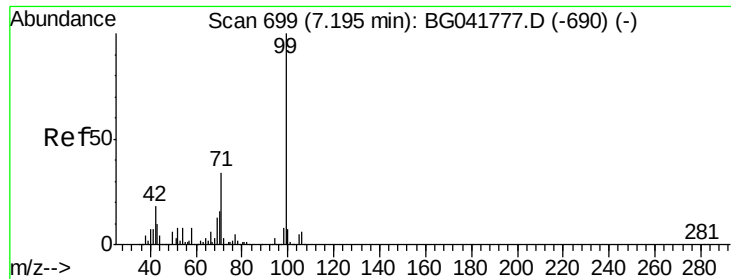
2-Fluorophenol
Concen: 126.493 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042294.D
Acq: 17 Aug 2019 17:23

Tgt Ion	112	Resp	389546
Ion	Ratio	Lower	Upper
112	100		
64	54.2	55.4	83.2#
63	29.1	29.1	43.7#



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: 113.922 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG042294.D

Acq: 17 Aug 2019 17:23

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-C

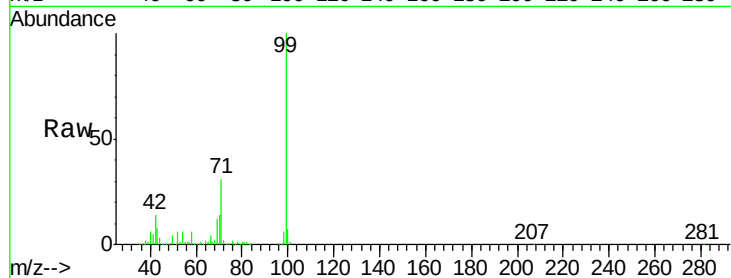
Tot Ion: 99 Resp: 472978

Ion Ratio Lower Upper

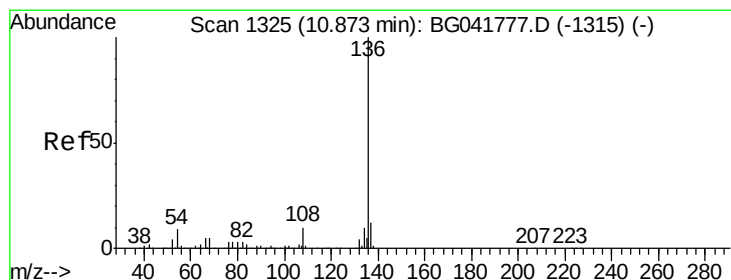
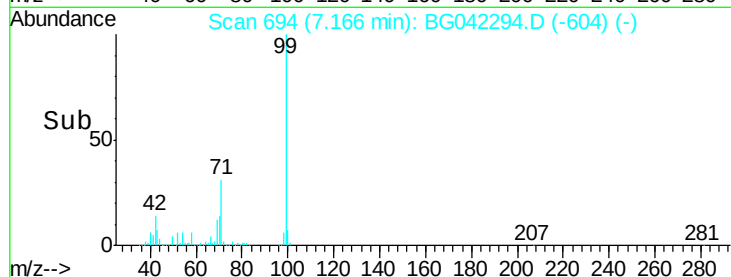
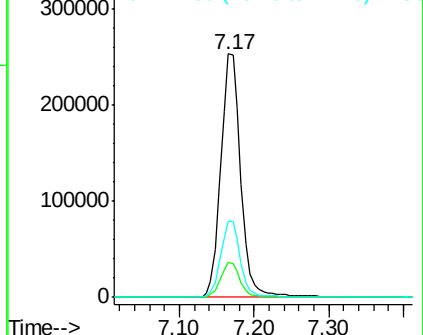
99 100

42 14.4 17.6 26.4#

71 31.3 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: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG042294.D

Acq: 17 Aug 2019 17:23

Tgt Ion: 136 Resp: 219012

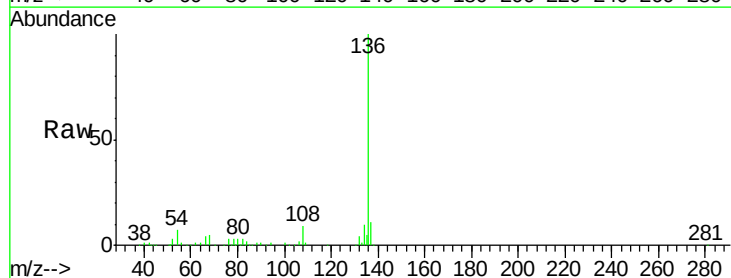
Ion Ratio Lower Upper

136 100

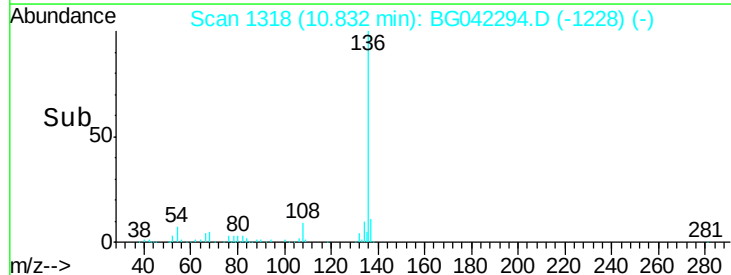
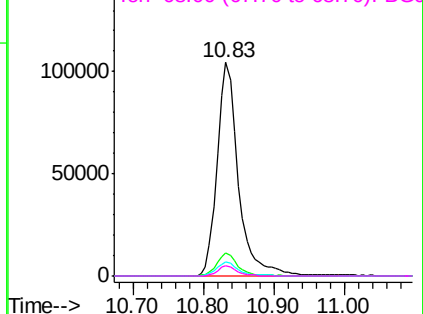
137 11.0 9.2 13.8

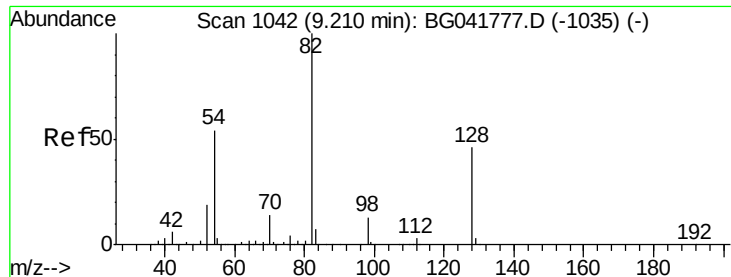
54 6.7 8.7 13.1#

68 4.9 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

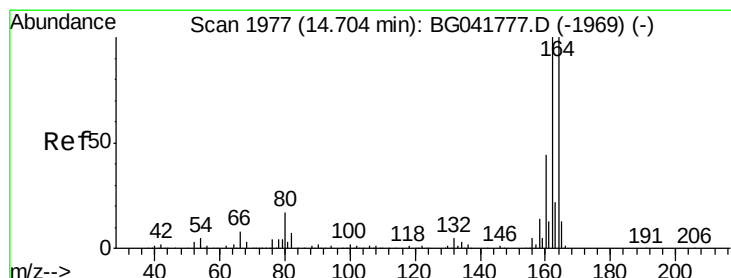
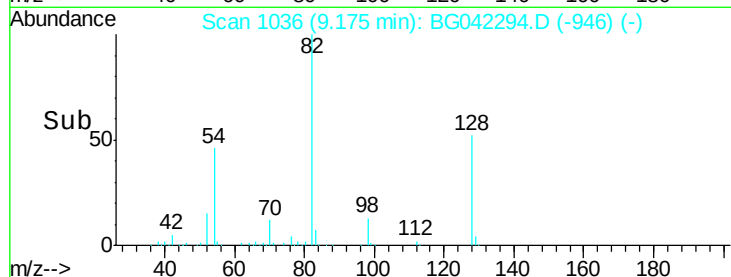
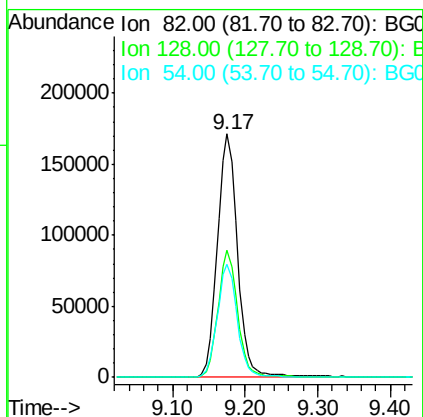
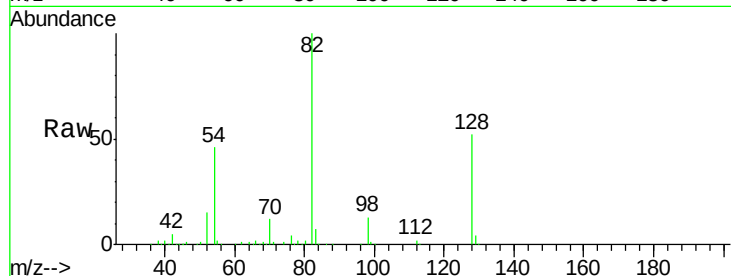




#23
 Nitrobenzene-d5
 Concen: 104.594 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG042294.D
 Acq: 17 Aug 2019 17:23

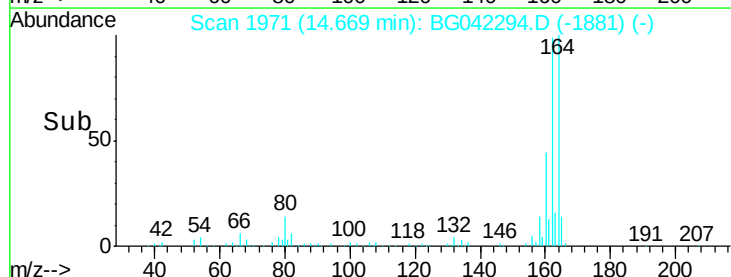
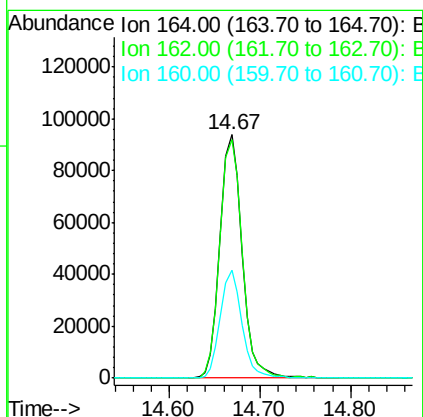
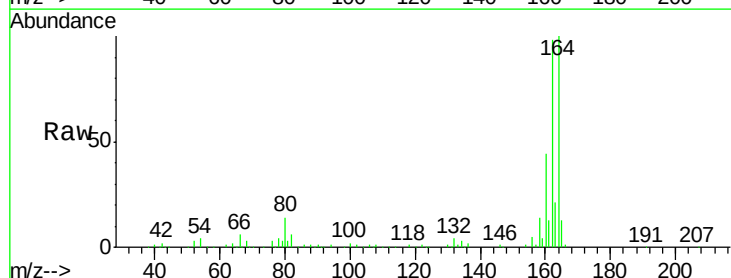
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-C

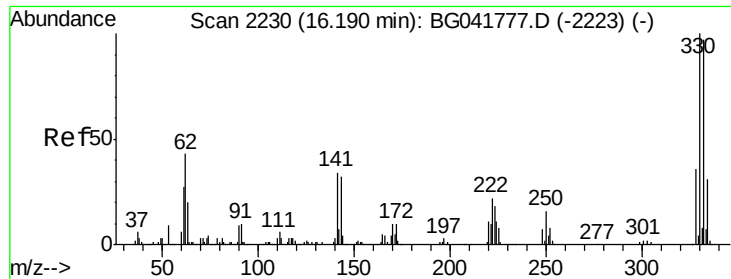
Tot Ion	82	Resp	332877
Ion Ratio	Lower	Upper	
82	100		
128	52.3	35.1	52.7
54	46.5	48.7	73.1#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: BG042294.D
 Acq: 17 Aug 2019 17:23

Tgt Ion	164	Resp	159633
Ion Ratio	Lower	Upper	
164	100		
162	98.0	79.6	119.4
160	44.2	35.4	53.0

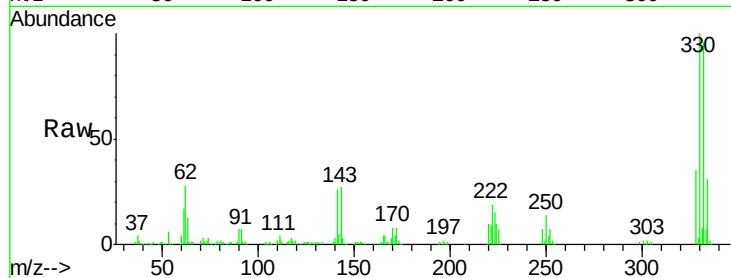




#42
 2,4,6-Tribromophenol
 Concen: 186.021 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BG042294.D
 Acq: 17 Aug 2019 17:23

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.4	116.0
141	27.5	31.9	47.9#

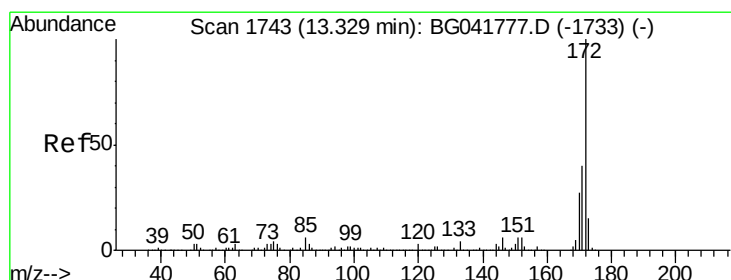
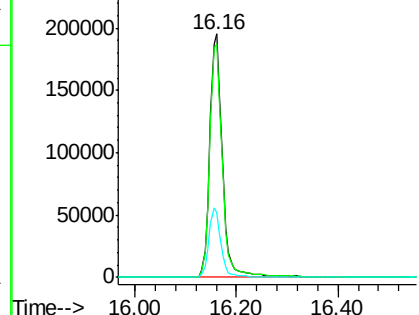
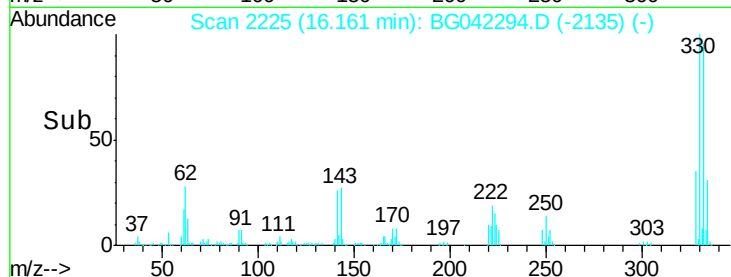


Abundance

Ion 329.80 (329.50 to 330.50): E

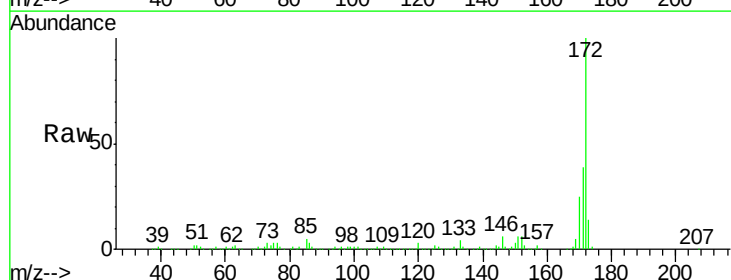
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 109.584 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG042294.D
 Acq: 17 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	35.0	52.4
170	25.2	23.5	35.3

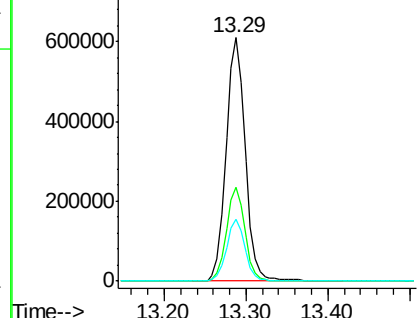
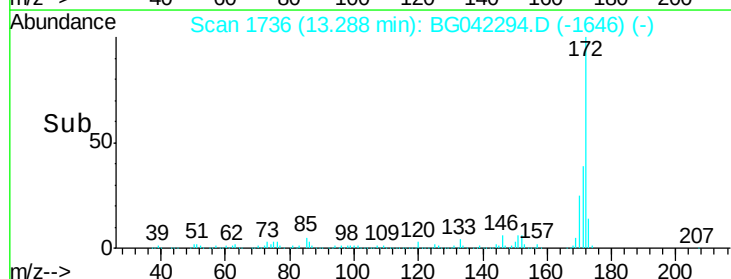


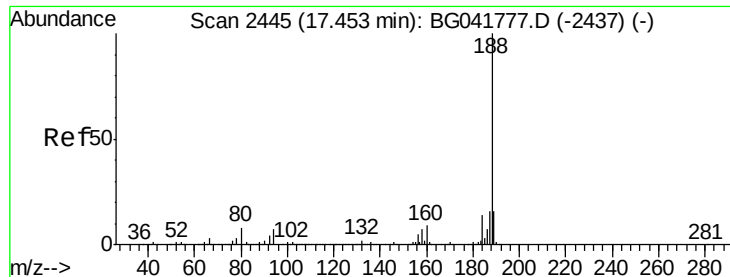
Abundance

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: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG042294.D

Acq: 17 Aug 2019 17:23

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-C

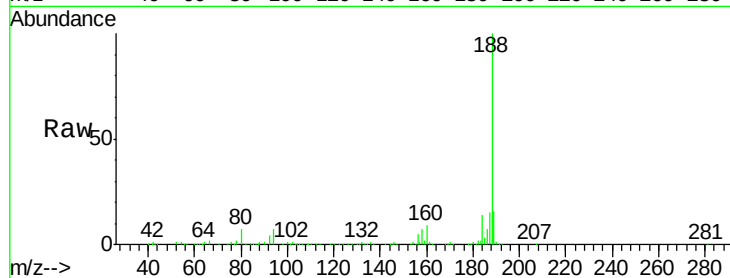
Tot Ion:188 Resp: 394812

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3#

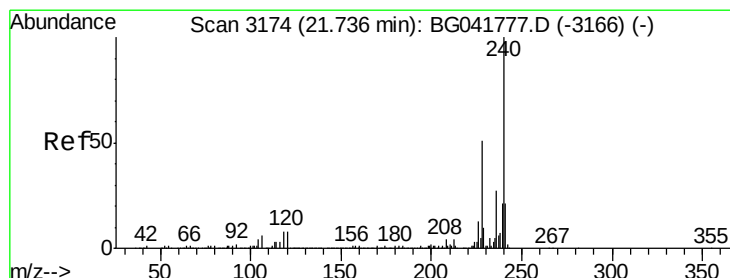
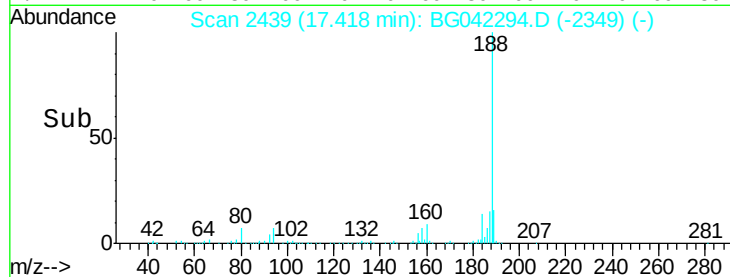
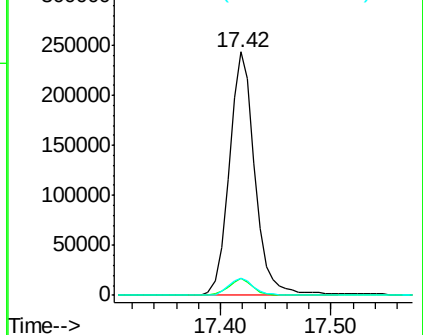
80 7.1 8.0 12.0#



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. -0.01 min

Lab File: BG042294.D

Acq: 17 Aug 2019 17:23

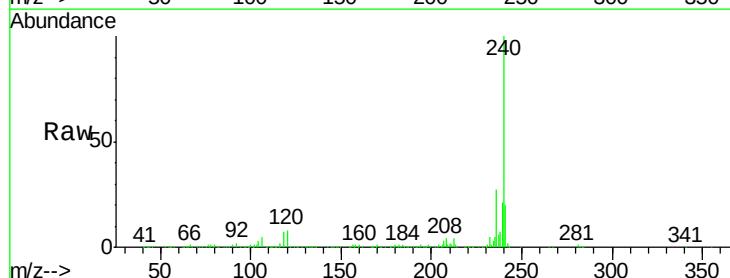
Tgt Ion:240 Resp: 482577

Ion Ratio Lower Upper

240 100

120 7.6 8.0 12.0#

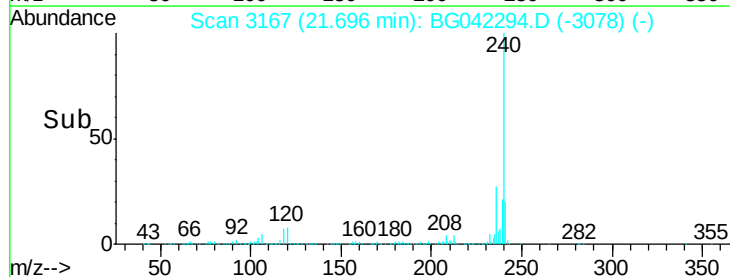
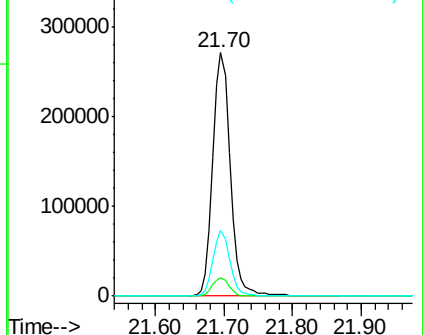
236 26.8 22.6 33.8

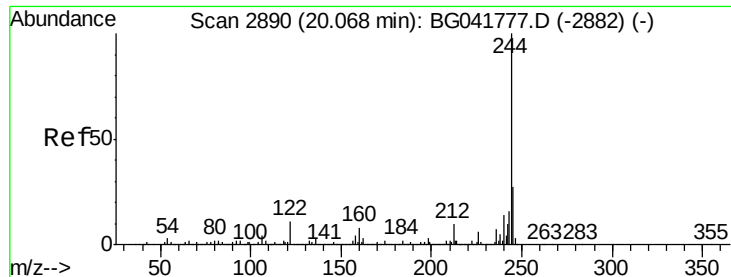


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.900 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG042294.D

Acq: 17 Aug 2019 17:23

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-C

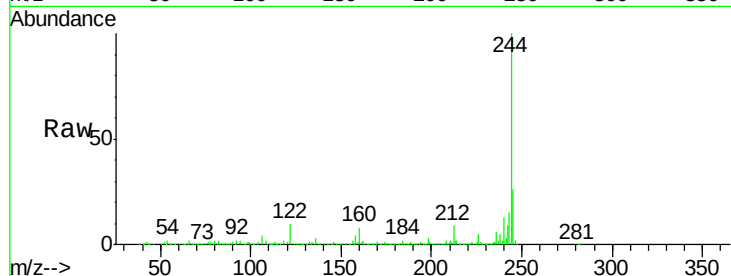
Tot Ion:244 Resp: 1959186

Ion Ratio Lower Upper

244 100

212 8.7 9.7 14.5#

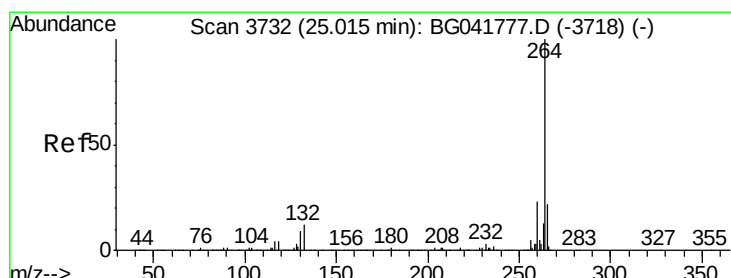
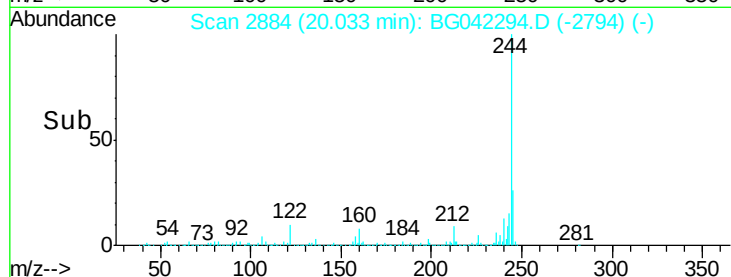
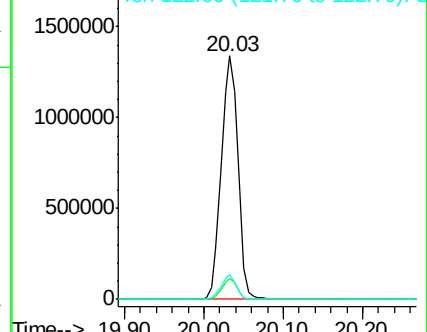
122 10.1 12.5 18.7#



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: 24.94 min Scan# 3720

Delta R.T. 0.00 min

Lab File: BG042294.D

Acq: 17 Aug 2019 17:23

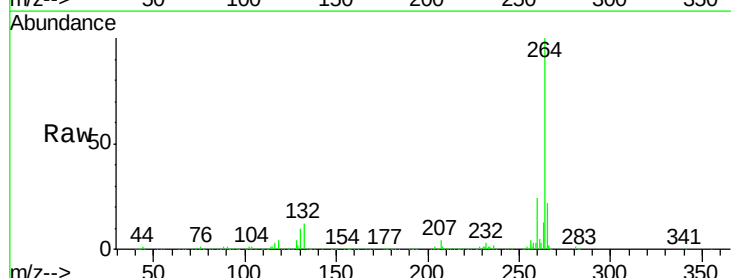
Tgt Ion:264 Resp: 538725

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.6 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

