

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
 Data File : BG041486.D
 Acq On : 27 Jun 2019 11:50
 Operator : HP/JU
 Sample : K3539-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-J-B-SETTLED-2H

Quant Time: Jun 28 06:05:38 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	31259	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	112763	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	84232	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	212482	20.00	ng	0.00
76) Chrysene-d12	21.70	240	217811	20.00	ng	0.00
87) Perylene-d12	24.98	264	238910	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	97883	55.83	ng	0.00
7) Phenol-d6	7.19	99	85578	34.67	ng	0.00
23) Nitrobenzene-d5	9.21	82	234554	86.75	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	186946	129.99	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	560216	85.35	ng	0.00
79) Terphenyl-d14	20.03	244	1060005	103.42	ng	0.00

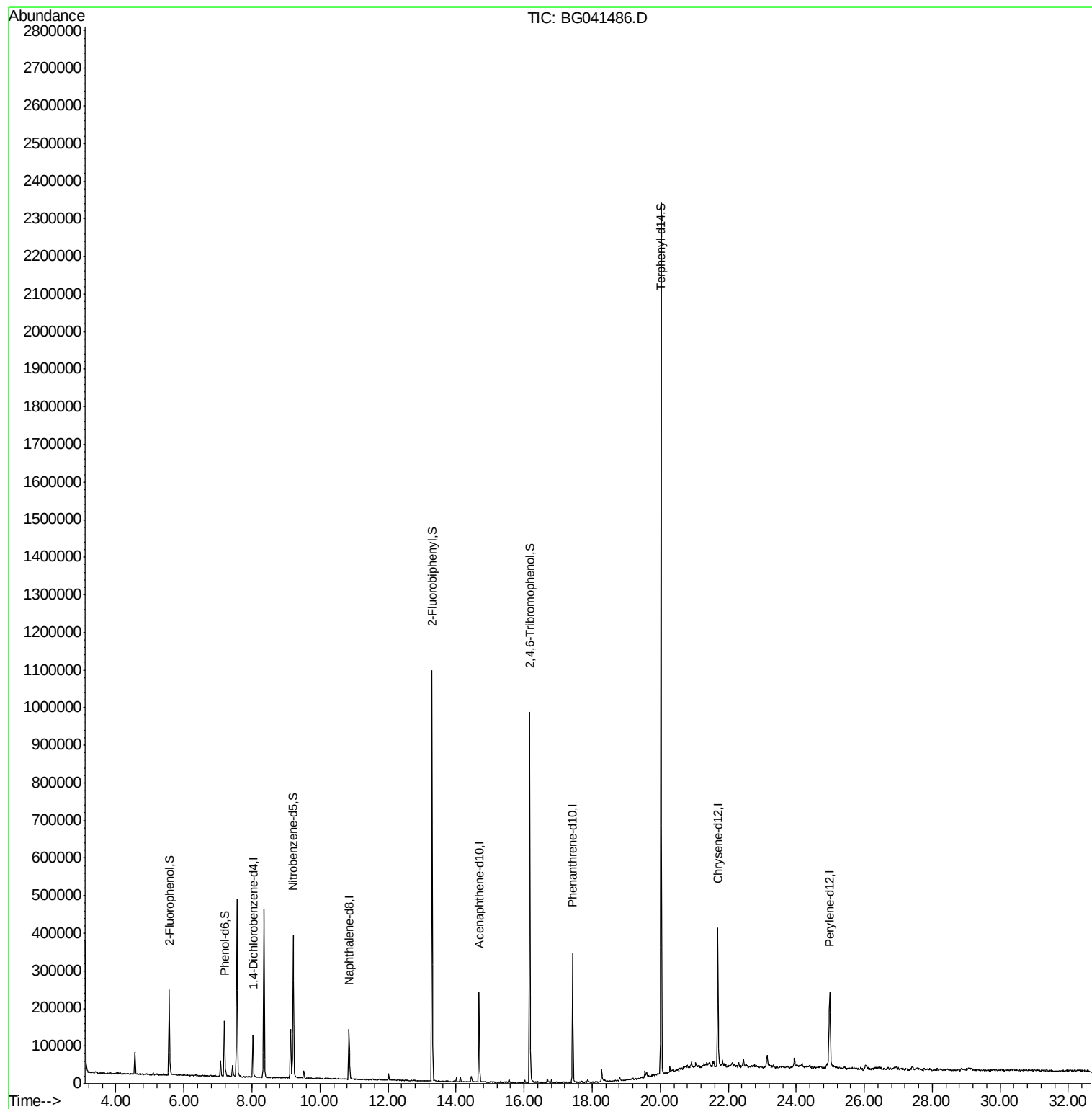
Target Compounds Qvalue

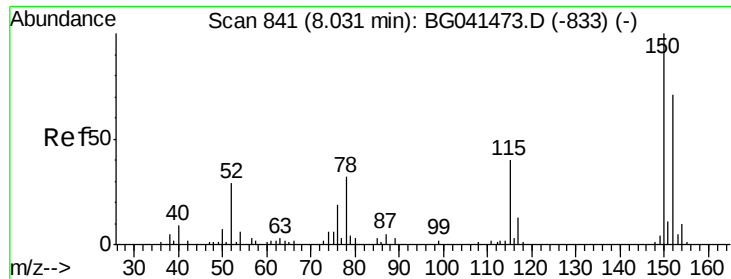
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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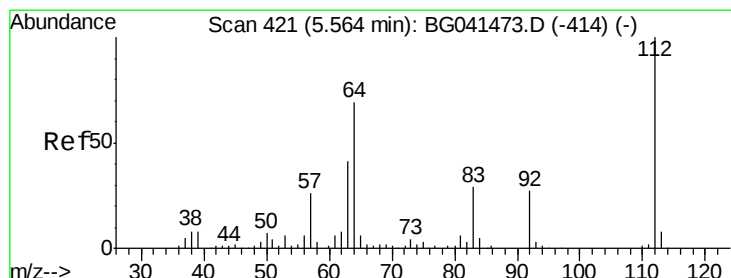
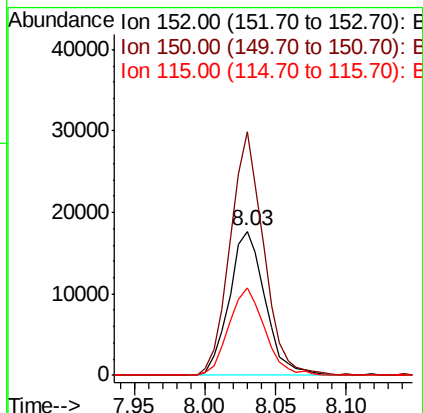
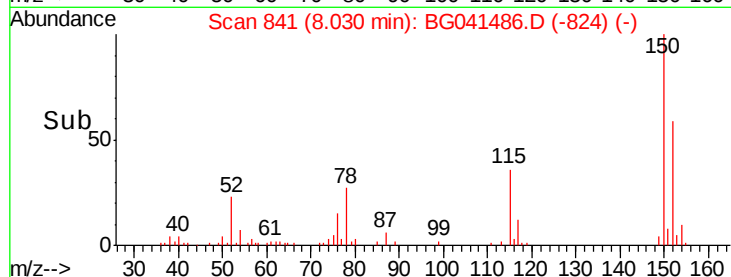
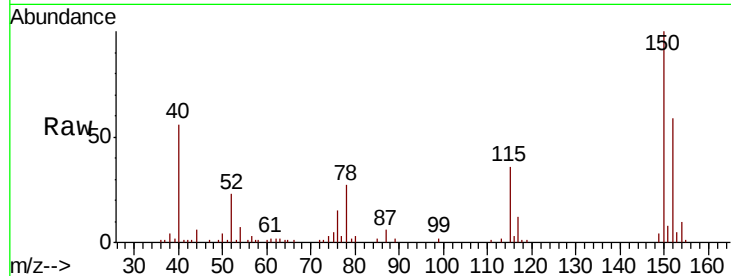


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041486.D
Acq: 27 Jun 2019 11:50

Instrument :
BNA_G
ClientSampleId :
MH-J-B-SETTLED-2H

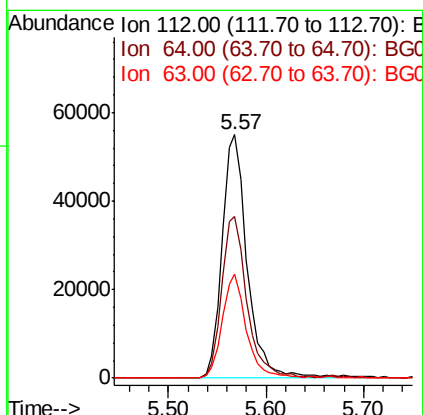
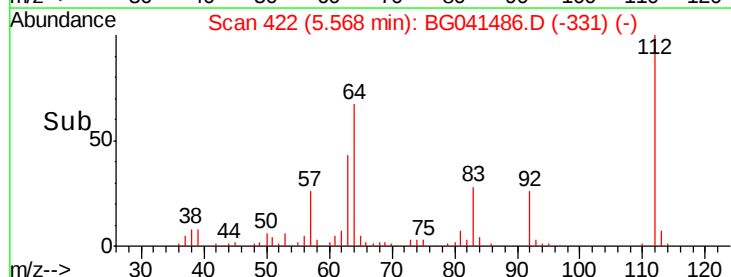
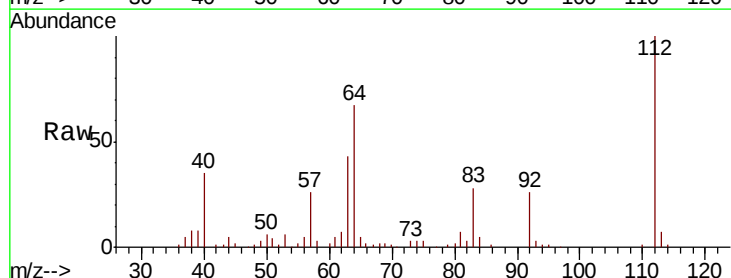
Tot Ion:152 Resp: 31259
Ion Ratio Lower Upper
152 100
150 169.2 112.4 168.6#
115 60.9 44.6 66.8

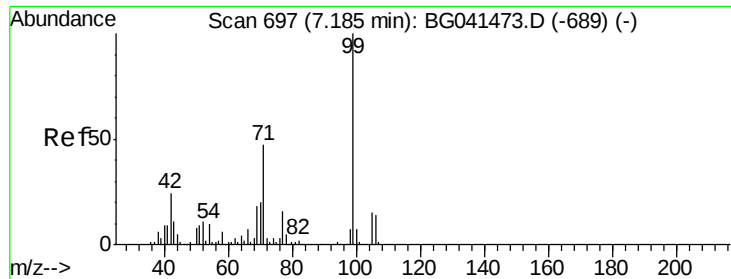


#5

2-Fluorophenol
Concen: 55.827 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041486.D
Acq: 27 Jun 2019 11:50

Tgt Ion:112 Resp: 97883
Ion Ratio Lower Upper
112 100
64 66.7 55.1 82.7
63 42.9 32.4 48.6





#7

Phenol-d6

Concen: 34.672 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041486.D

Acq: 27 Jun 2019 11:50

Instrument :

BNA_G

ClientSampleId :

MH-J-B-SETTLED-2H

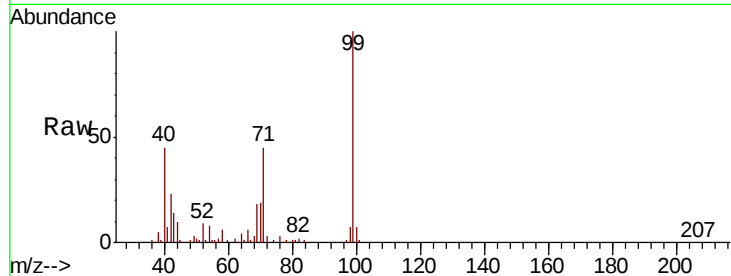
Tot Ion: 99 Resp: 85578

Ion Ratio Lower Upper

99 100

42 22.8 19.0 28.6

71 45.3 37.4 56.2

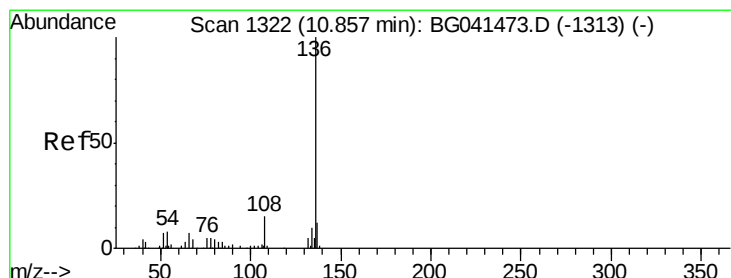
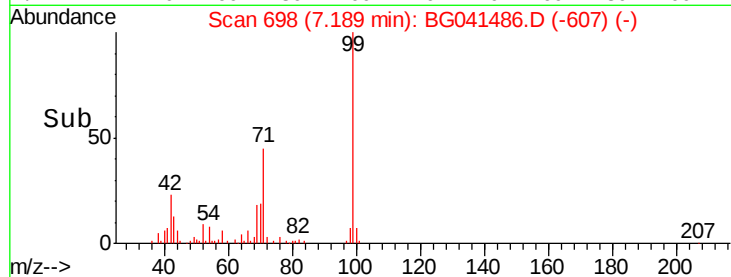
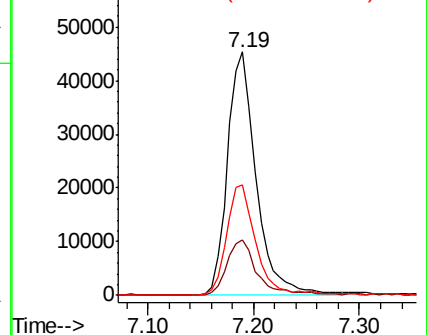


Abundance

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# 1321

Delta R.T. -0.01 min

Lab File: BG041486.D

Acq: 27 Jun 2019 11:50

Tgt Ion: 136 Resp: 112763

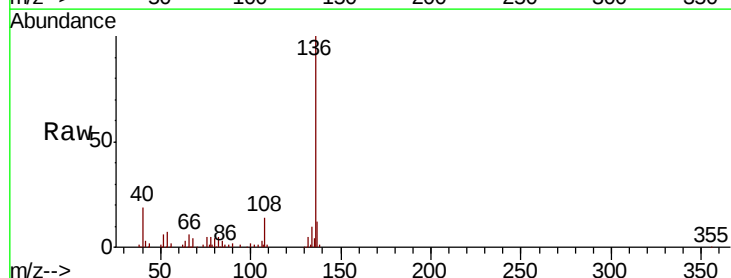
Ion Ratio Lower Upper

136 100

137 12.4 9.3 13.9

54 7.3 7.1 10.7

68 3.5 3.3 4.9



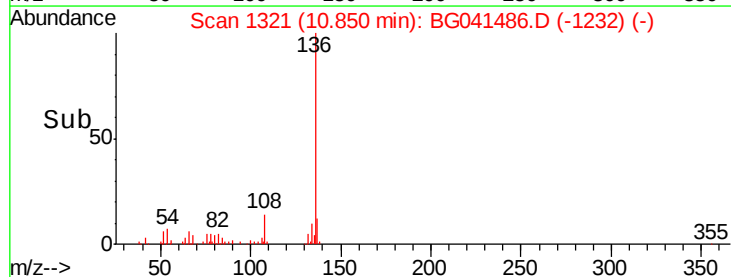
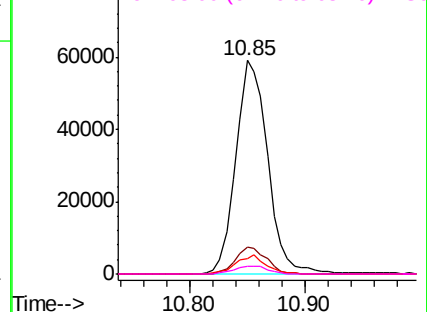
Abundance

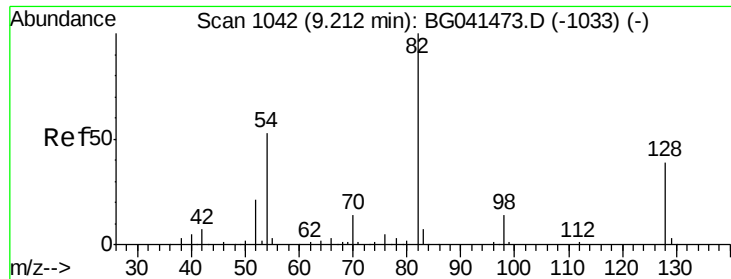
Ion 136.00 (135.70 to 136.70): BGC

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

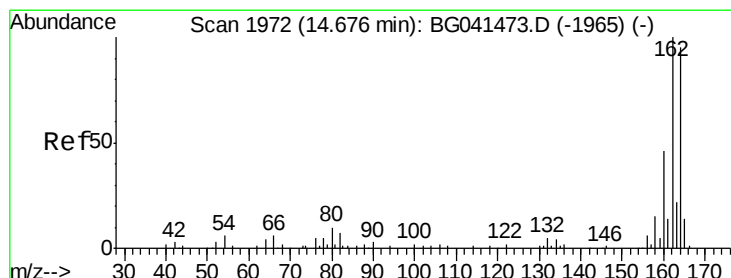
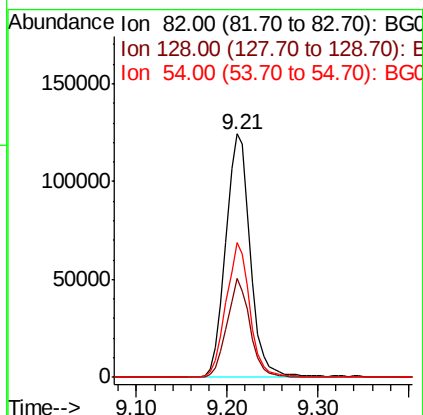
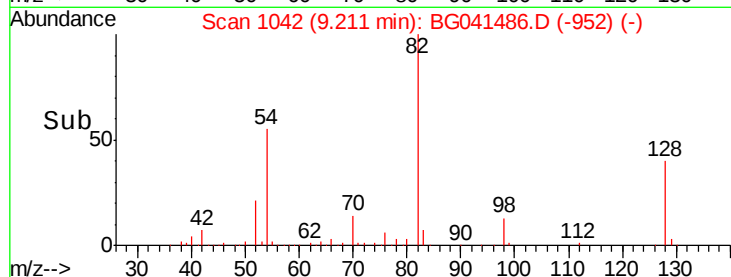
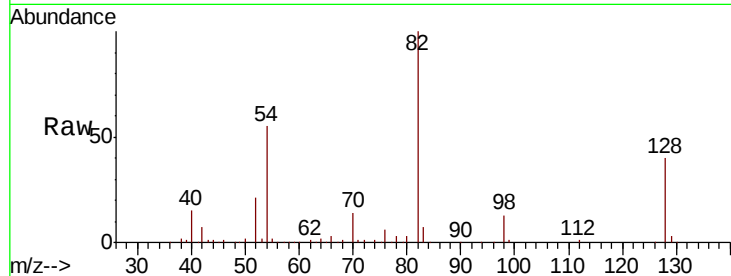




#23
Nitrobenzene-d5
Concen: 86.753 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041486.D
Acq: 27 Jun 2019 11:50

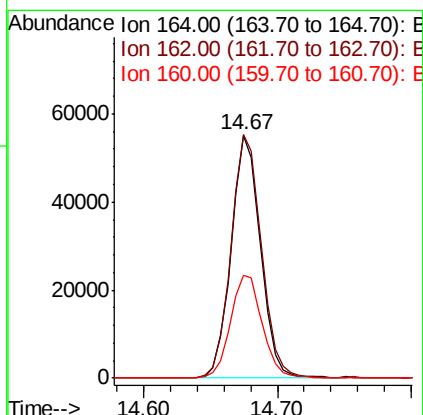
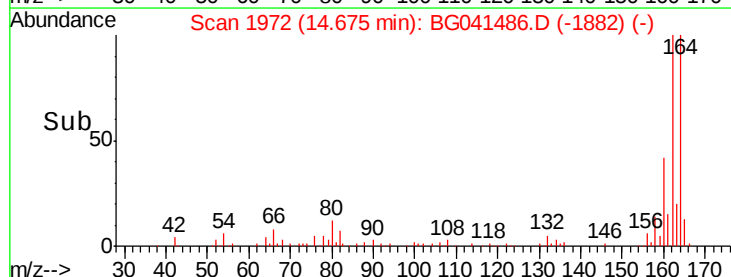
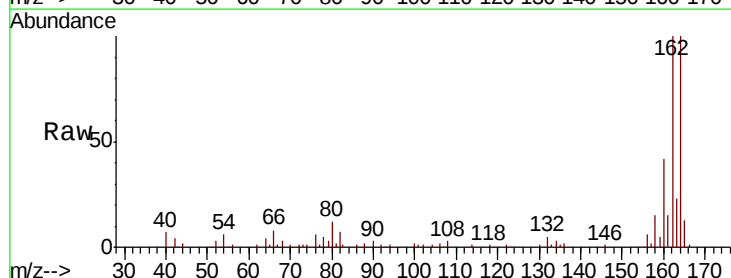
Instrument :
BNA_G
ClientSampleId :
MH-J-B-SETTLED-2H

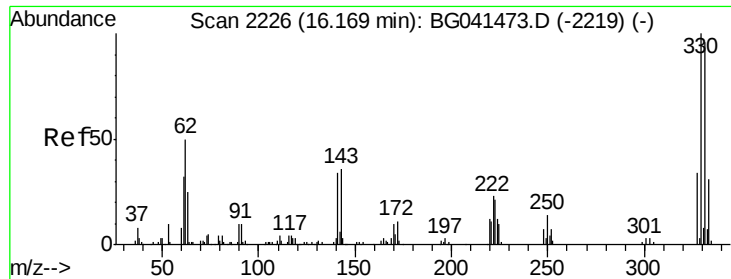
Tot Ion	82	Resp	234554
Ion Ratio	100	Lower	Upper
128	40.4	30.9	46.3
54	55.3	42.2	63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041486.D
Acq: 27 Jun 2019 11:50

Tgt Ion	164	Resp	84232
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	100.2	84.4	126.6
160	42.5	38.8	58.2

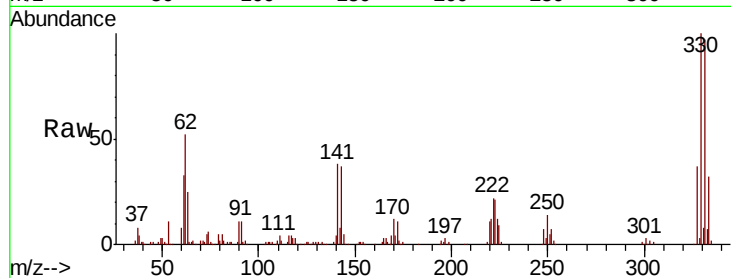




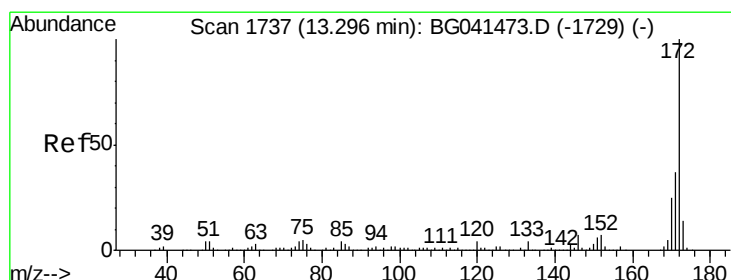
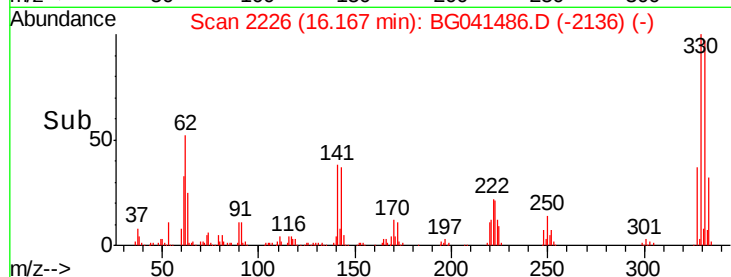
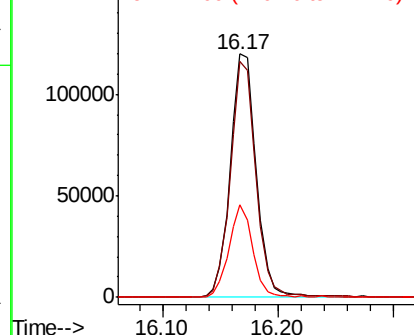
#42
 2,4,6-Tribromophenol
 Concen: 129.986 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG041486.D
 Acq: 27 Jun 2019 11:50

Instrument :
 BNA_G
 ClientSampleId :
 MH-J-B-SETTLED-2H

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.5	113.3
141	35.2	27.8	41.6

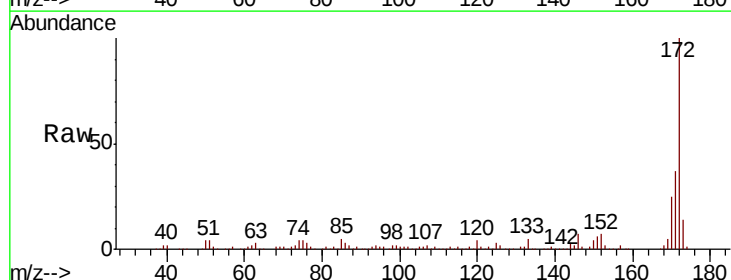


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

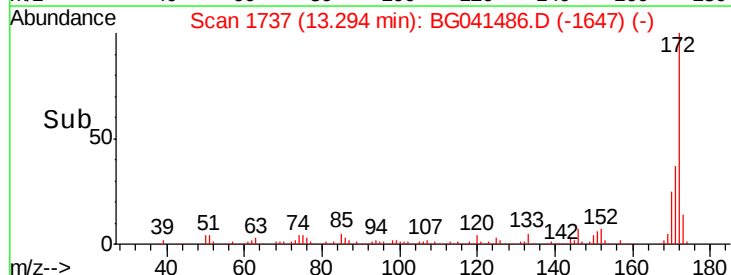
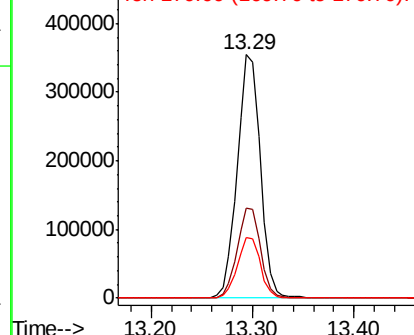


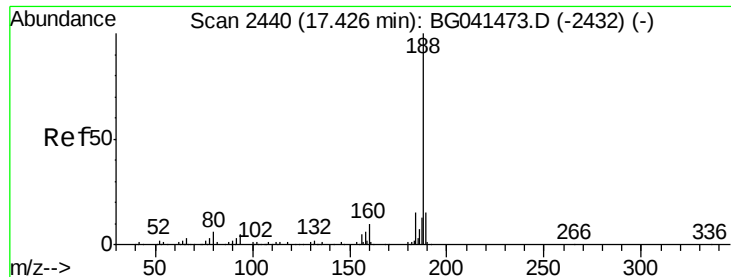
#45
 2-Fluorobiphenyl
 Concen: 85.348 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041486.D
 Acq: 27 Jun 2019 11:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.6	44.4
170	25.1	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

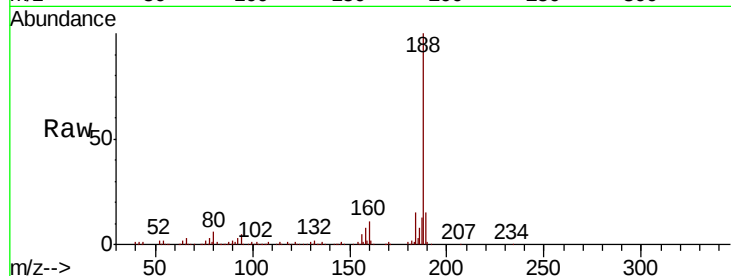




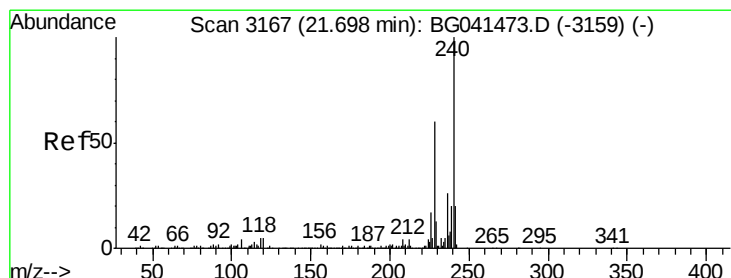
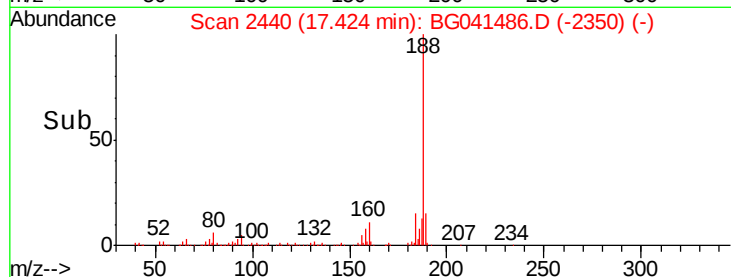
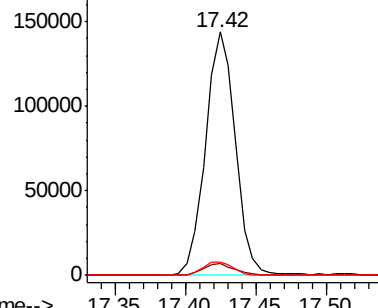
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041486.D
Acq: 27 Jun 2019 11:50

Instrument :
BNA_G
ClientSampleId :
MH-J-B-SETTLED-2H

Tot Ion	Ratio	Lower	Upper
188	100		
94	4.8	3.8	5.8
80	5.5	4.8	7.2

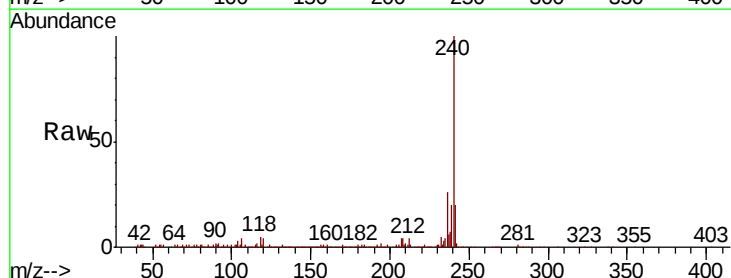


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

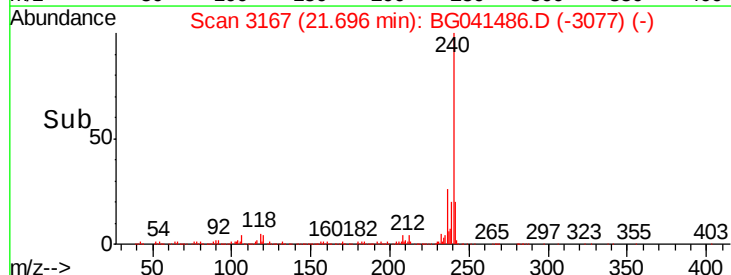
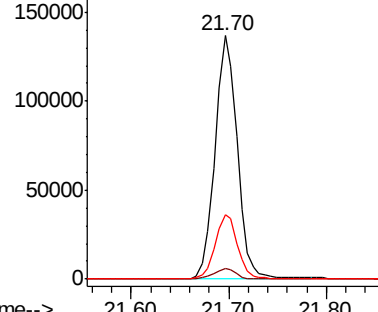


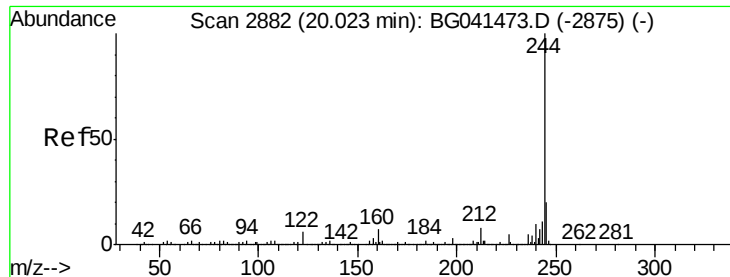
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041486.D
Acq: 27 Jun 2019 11:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.2	3.7	5.5
236	26.4	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: 103.420 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041486.D

Acq: 27 Jun 2019 11:50

Instrument :

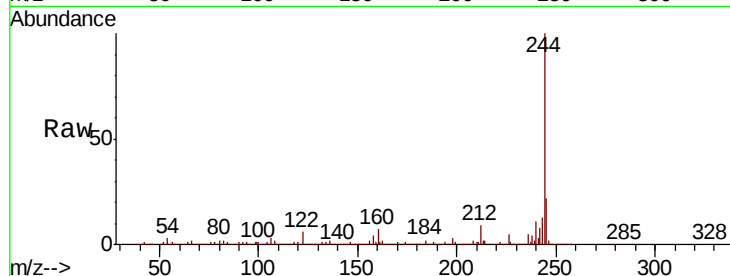
BNA_G

ClientSampleId :

MH-J-B-SETTLED-2H

Tot Ion:244 Resp: 1060005

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.2	9.4
122	6.3	4.8	7.2

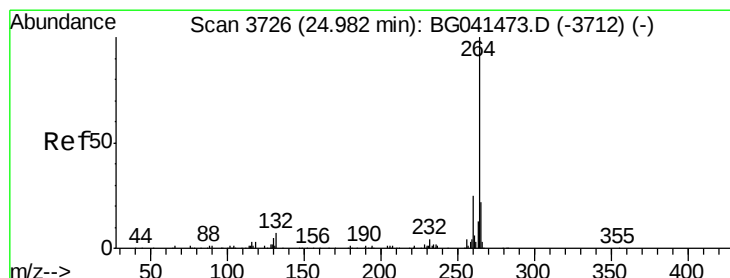
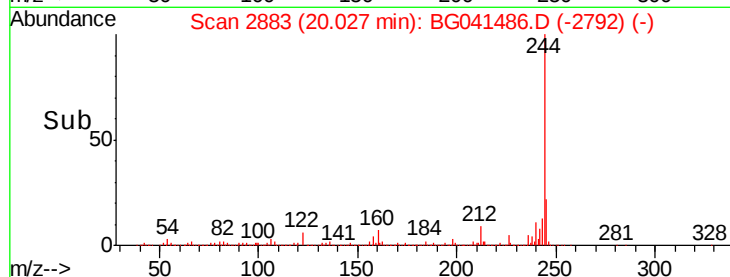
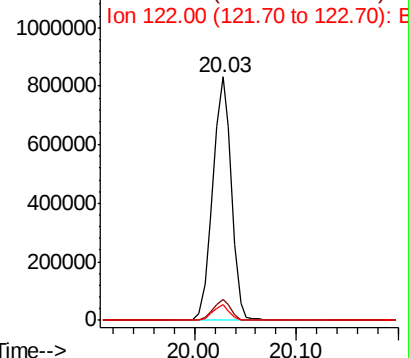


Abundance

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

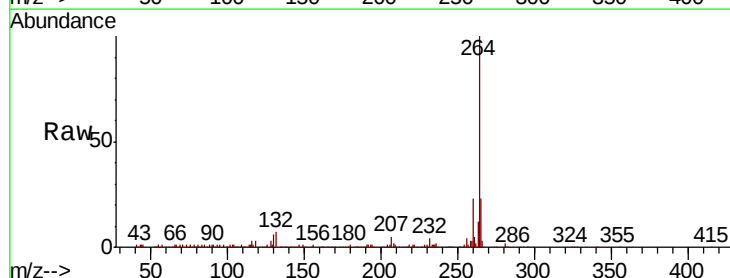
Delta R.T. -0.00 min

Lab File: BG041486.D

Acq: 27 Jun 2019 11:50

Tgt Ion:264 Resp: 238910

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.7	29.5
265	22.6	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

