

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
 Data File : BG043738.D
 Acq On : 20 Nov 2019 21:44
 Operator : JU
 Sample : K5934-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Nov 21 01:18:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	28605	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	99811	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	73266	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	185871	20.00	ng	0.00
76) Chrysene-d12	21.63	240	202067	20.00	ng	0.00
87) Perylene-d12	24.81	264	228824	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	234476	150.21	ng	0.00
7) Phenol-d6	7.18	99	308489	137.35	ng	0.00
23) Nitrobenzene-d5	9.15	82	190319	98.30	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	190873	136.90	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	513248	96.80	ng	0.00
79) Terphenyl-d14	19.97	244	1112253	103.27	ng	0.00

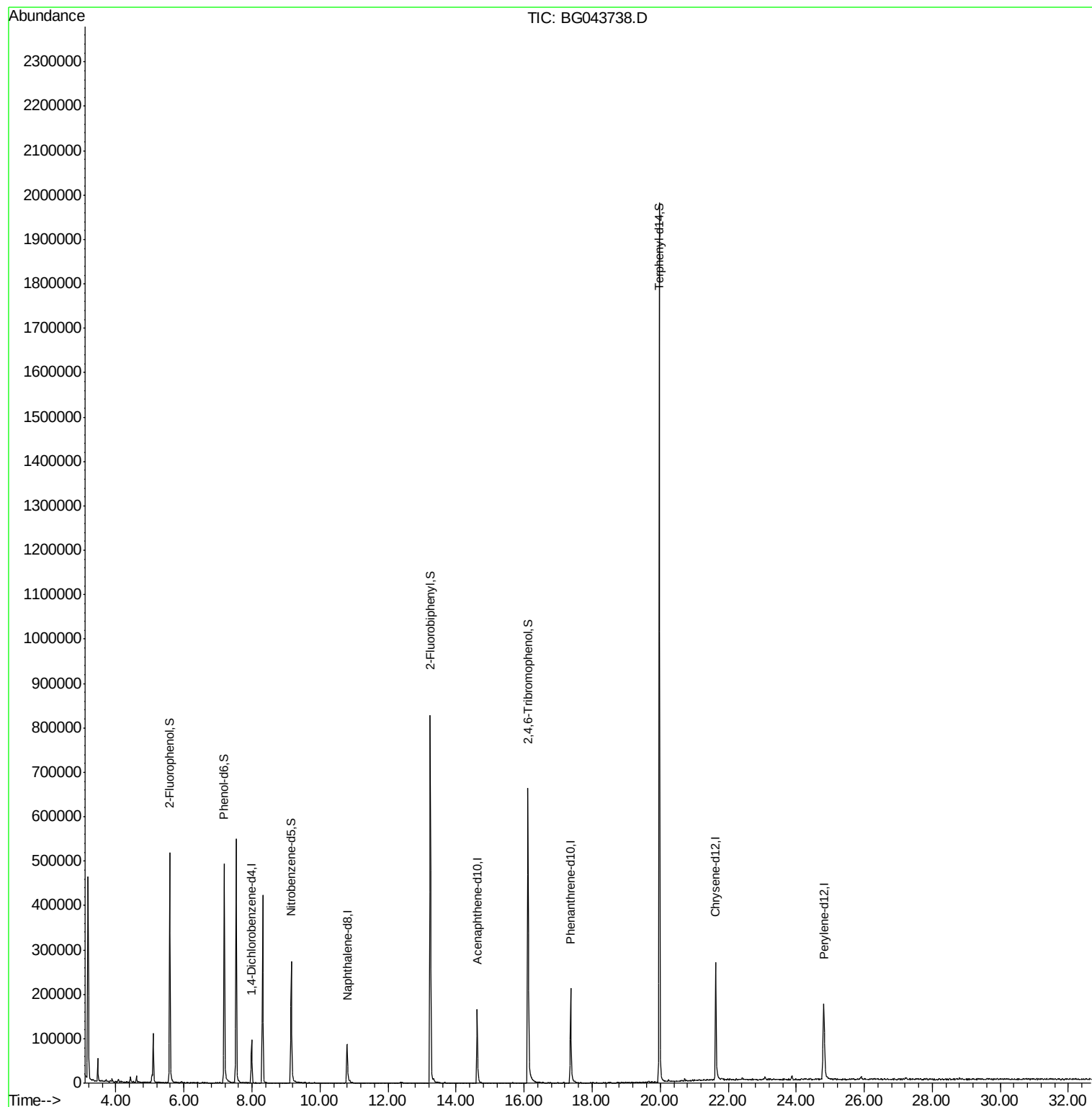
Target Compounds Qvalue

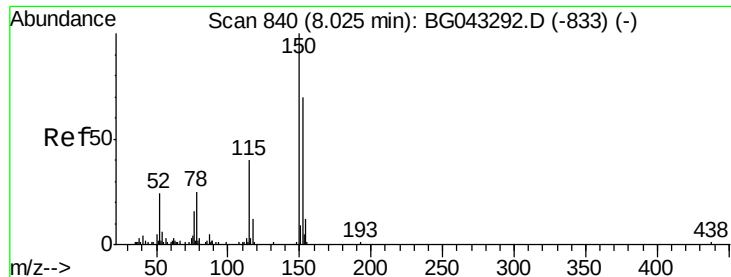
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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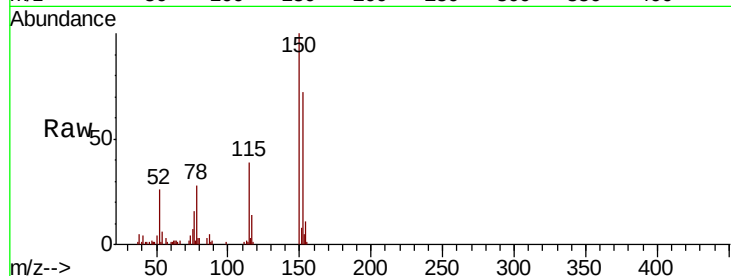


#1

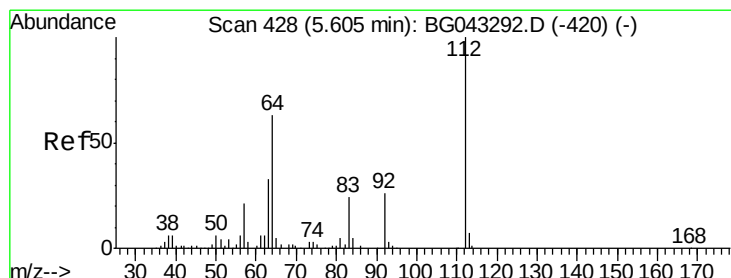
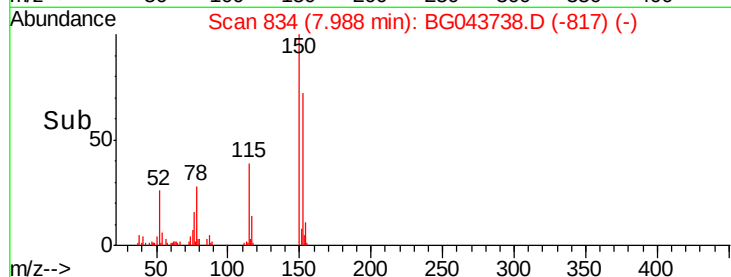
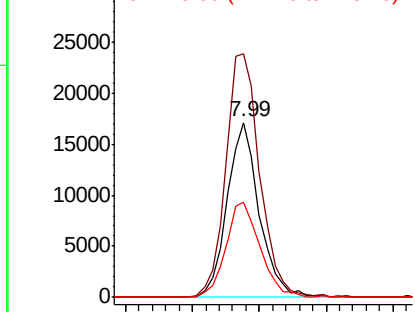
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043738.D
Acq: 20 Nov 2019 21:44

Instrument :
BNA_G
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.3	116.6	175.0
115	54.8	40.5	60.7



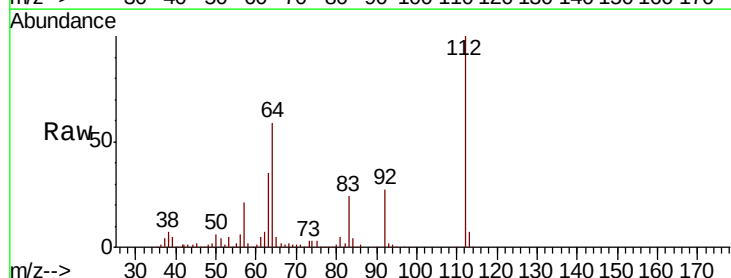
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



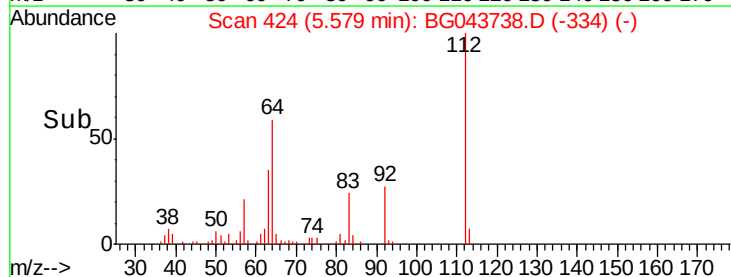
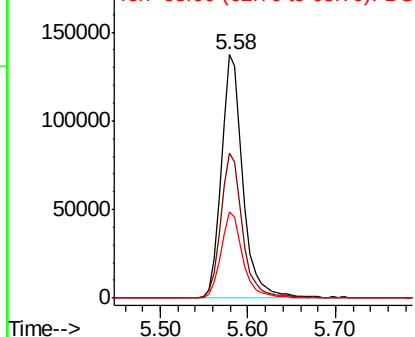
#5

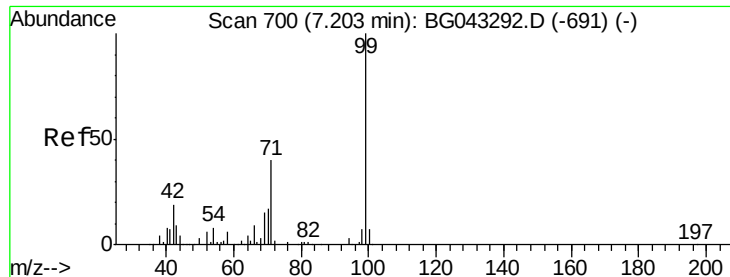
2-Fluorophenol
Concen: 150.206 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG043738.D
Acq: 20 Nov 2019 21:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	50.6	75.8
63	35.2	30.5	45.7



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: 137.353 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG043738.D

Acq: 20 Nov 2019 21:44

Instrument :

BNA_G

ClientSampleId :

TP-2

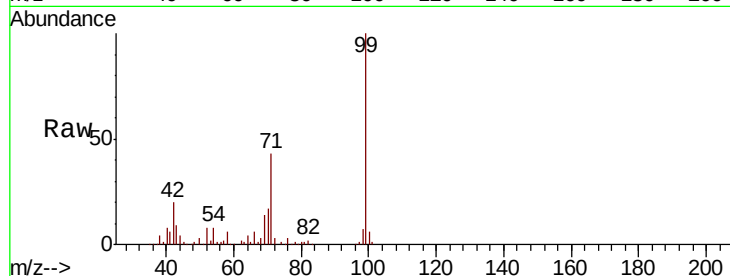
Tot Ion: 99 Resp: 308489

Ion Ratio Lower Upper

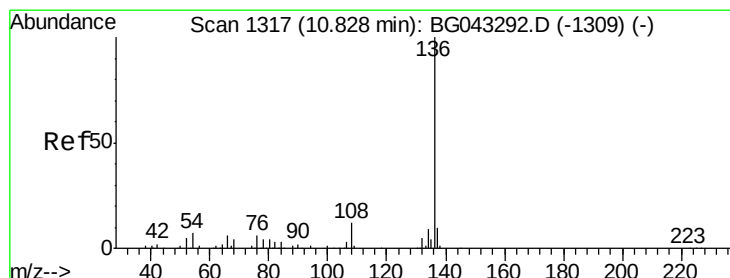
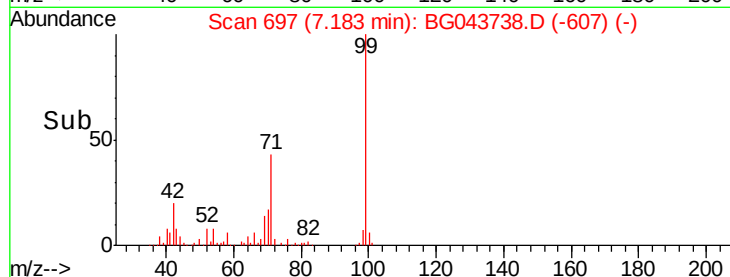
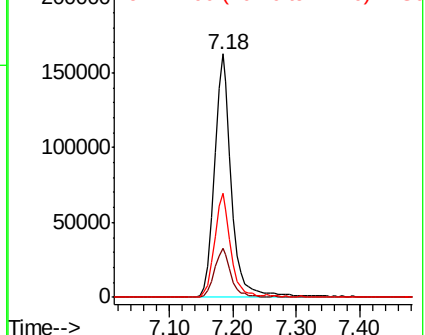
99 100

42 20.0 15.8 23.8

71 42.6 34.4 51.6



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: 10.79 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BG043738.D

Acq: 20 Nov 2019 21:44

Tgt Ion: 136 Resp: 99811

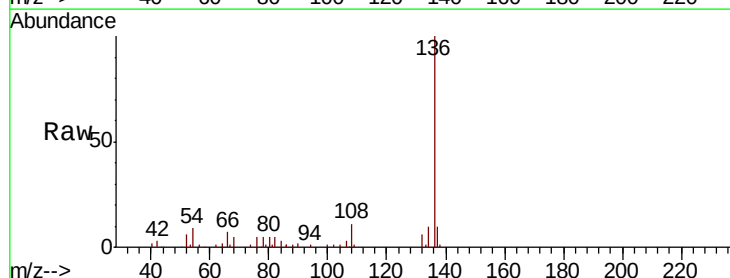
Ion Ratio Lower Upper

136 100

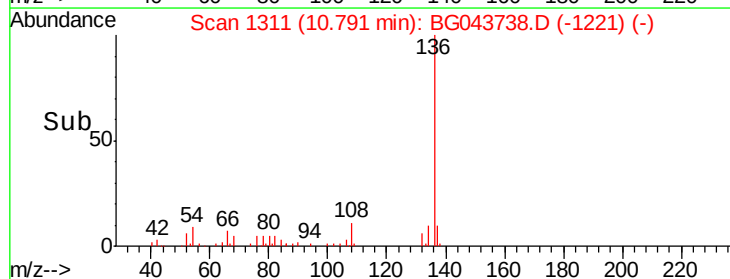
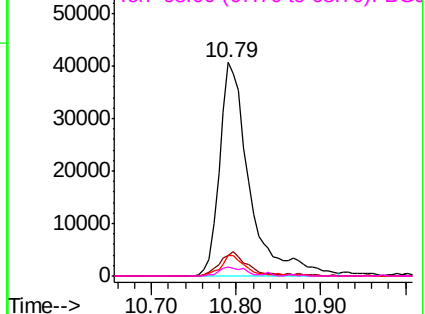
137 9.9 8.8 13.2

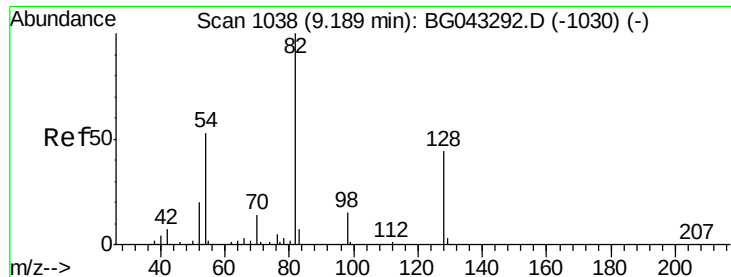
54 9.4 6.2 9.2#

68 4.5 3.4 5.0



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

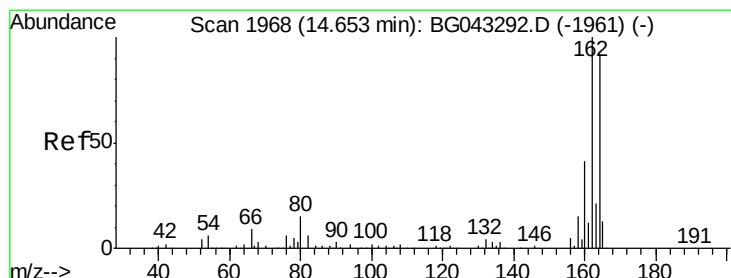
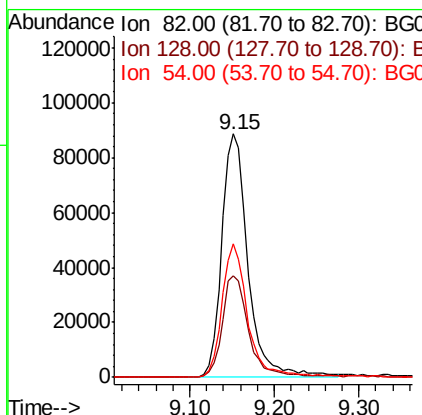
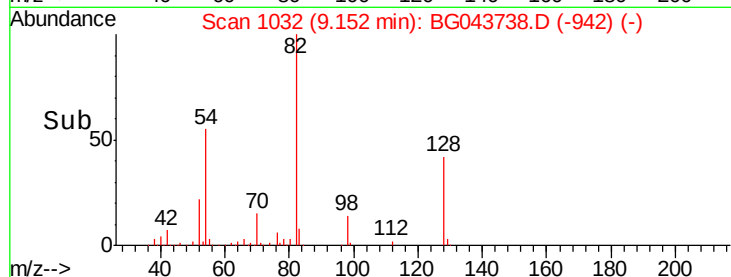
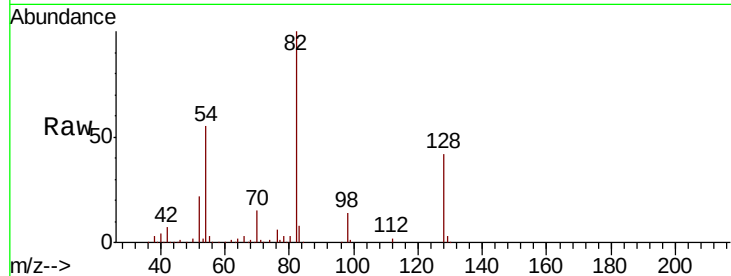




#23
Nitrobenzene-d5
Concen: 98.304 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043738.D
Acq: 20 Nov 2019 21:44

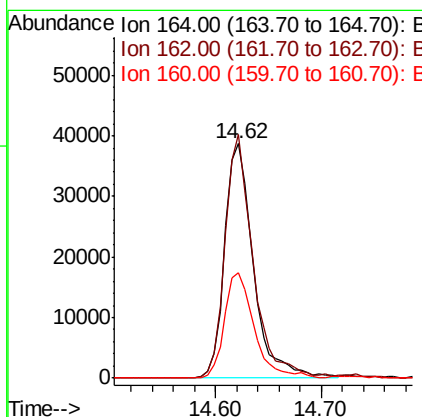
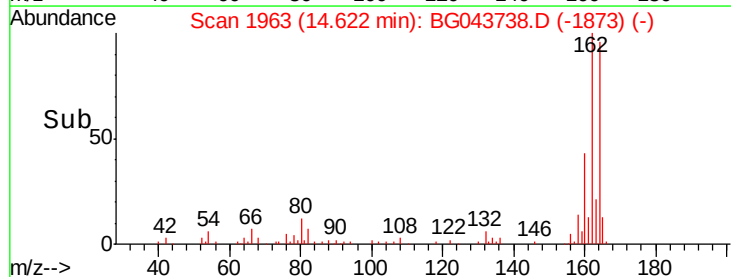
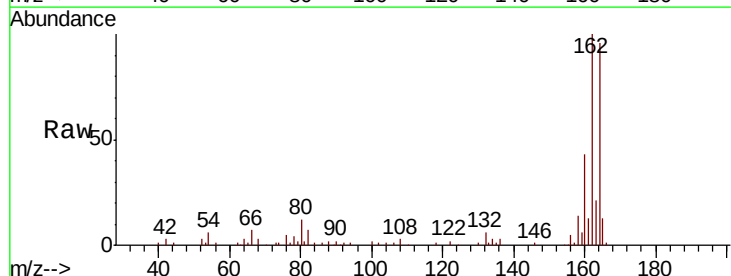
Instrument :
BNA_G
ClientSampled :
TP-2

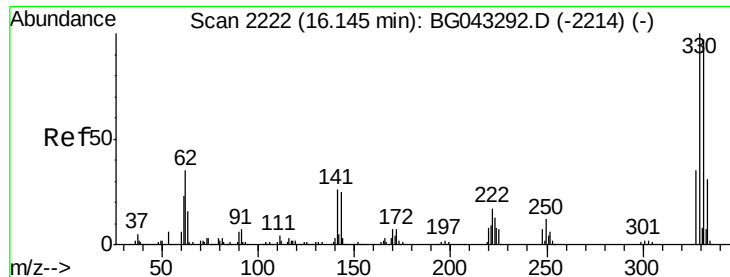
Tot Ion	82	Resp	190319
Ion Ratio	100	Lower	Upper
128	41.8	34.2	51.4
54	54.6	44.7	67.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG043738.D
Acq: 20 Nov 2019 21:44

Tgt Ion	164	Resp	73266
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	103.8	79.4	119.2
160	44.7	36.3	54.5

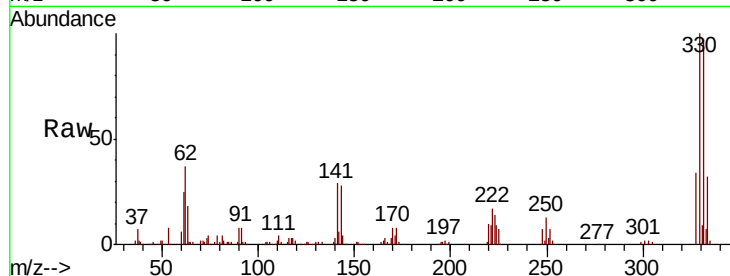




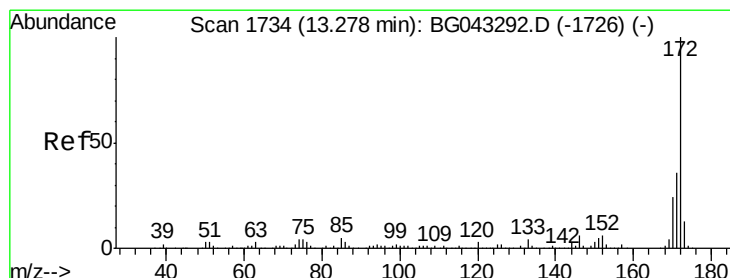
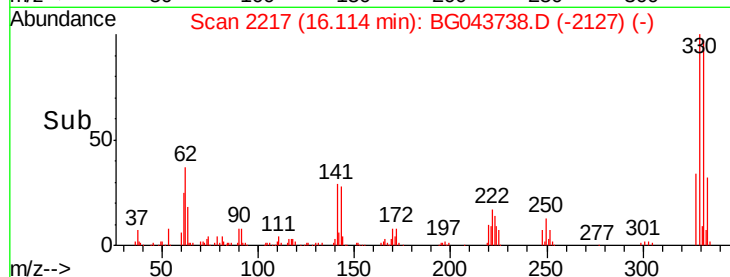
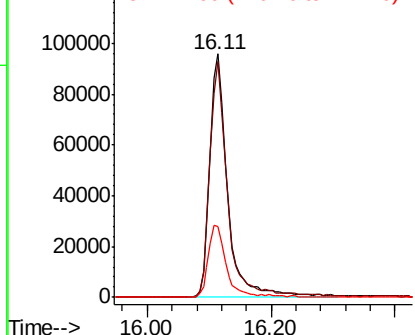
#42
 2,4,6-Tribromophenol
 Concen: 136.900 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: BG043738.D
 Acq: 20 Nov 2019 21:44

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tot Ion:330 Resp: 190873
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 28.6 23.4 35.2

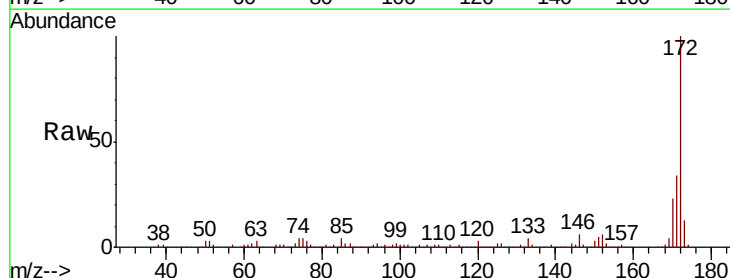


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

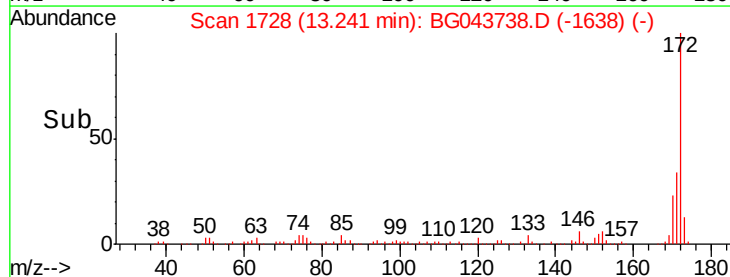
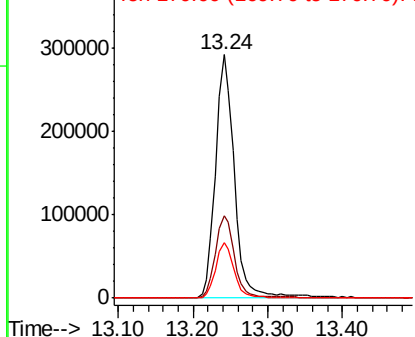


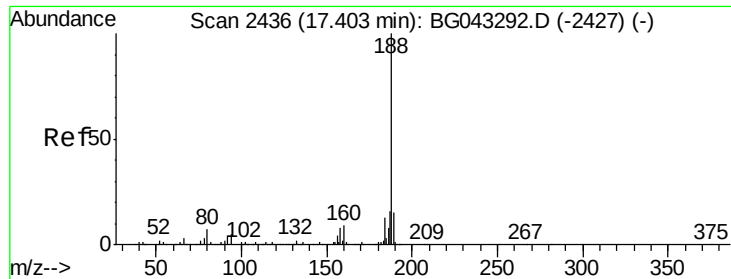
#45
 2-Fluorobiphenyl
 Concen: 96.799 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG043738.D
 Acq: 20 Nov 2019 21:44

Tgt Ion:172 Resp: 513248
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.1 42.1
 170 22.6 18.8 28.2



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: 17.37 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG043738.D

Acq: 20 Nov 2019 21:44

Instrument :

BNA_G

ClientSampleId :

TP-2

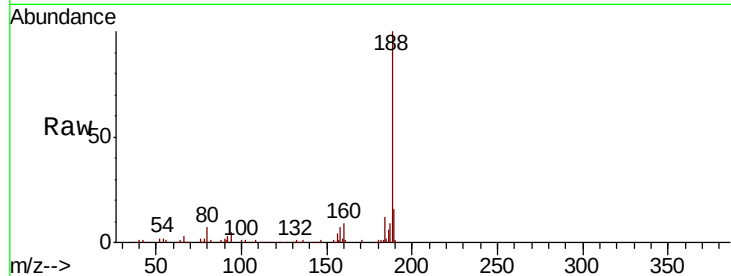
Tot Ion:188 Resp: 185871

Ion Ratio Lower Upper

188 100

94 5.4 4.6 7.0

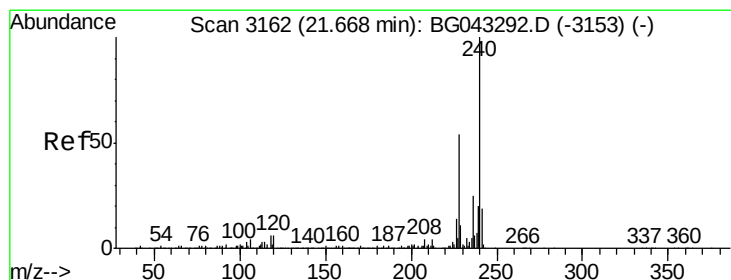
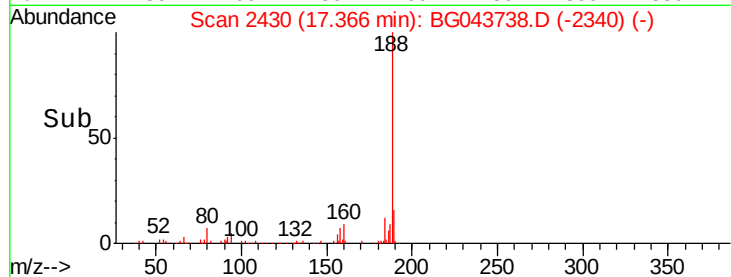
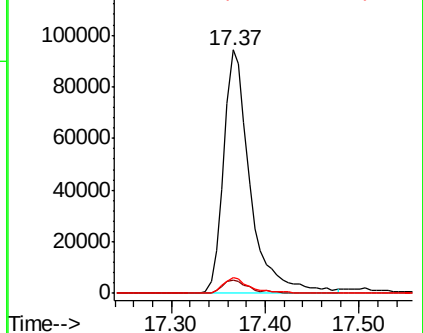
80 6.6 5.2 7.8



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: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG043738.D

Acq: 20 Nov 2019 21:44

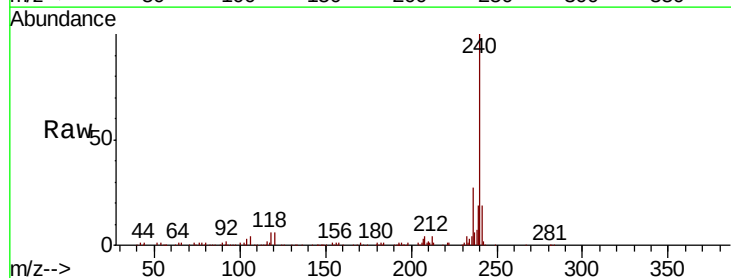
Tgt Ion:240 Resp: 202067

Ion Ratio Lower Upper

240 100

120 5.5 4.9 7.3

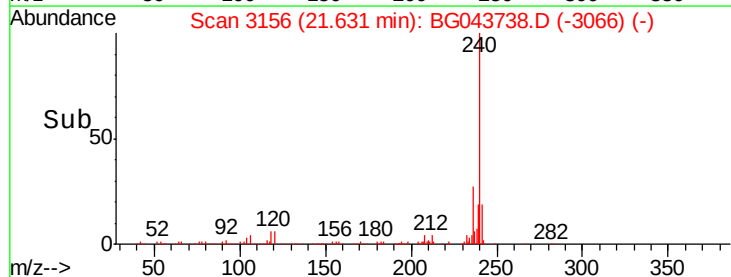
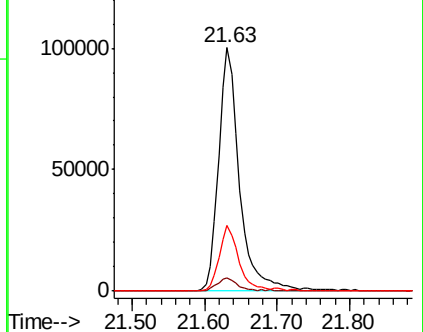
236 26.8 21.4 32.0

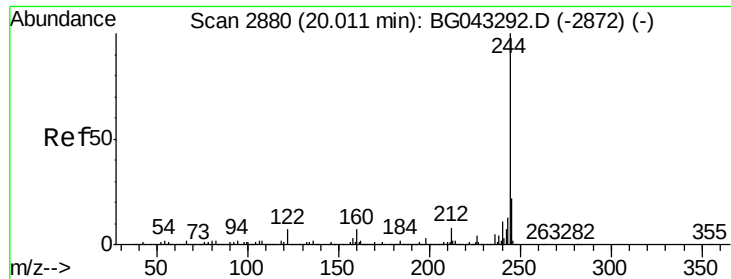


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



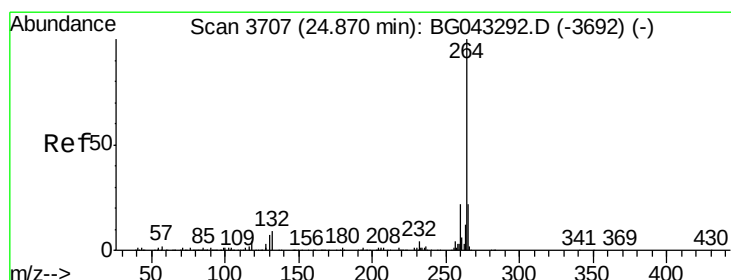
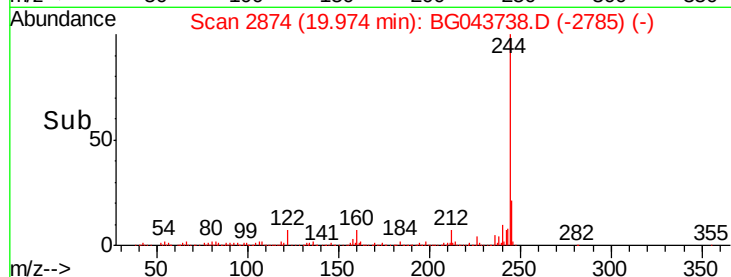
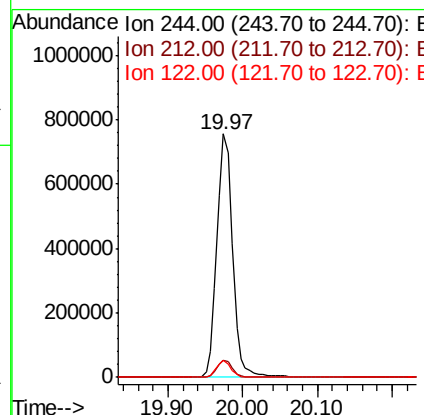
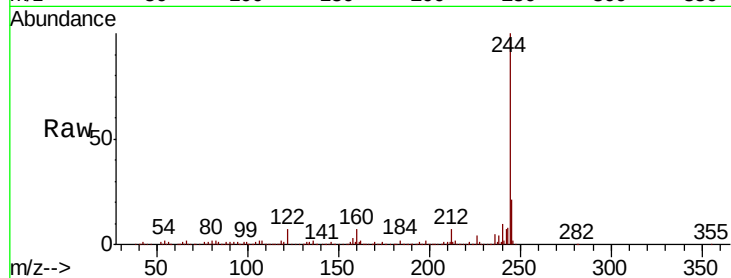


#79
 Terphenyl-d14
 Concen: 103.265 ng
 RT: 19.97 min Scan# 2874
 Delta R.T. -0.01 min
 Lab File: BG043738.D
 Acq: 20 Nov 2019 21:44

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tot Ion:244 Resp: 1112253

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	6.9	5.2	7.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.81 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: BG043738.D
 Acq: 20 Nov 2019 21:44

Tgt Ion:264 Resp: 228824

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.4	27.6
265	21.4	15.8	23.8

