

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
 Data File : BG043684.D
 Acq On : 18 Nov 2019 22:12
 Operator : JU
 Sample : K5671-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-111419

Quant Time: Nov 19 02:51:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	28541	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	92644	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	67194	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	177105	20.00	ng	-0.02
76) Chrysene-d12	21.63	240	199170	20.00	ng	-0.02
87) Perylene-d12	24.81	264	135786	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	219596	140.99	ng	0.00
7) Phenol-d6	7.19	99	283661	126.58	ng	0.00
23) Nitrobenzene-d5	9.16	82	178882	99.54	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	179077	140.05	ng	-0.02
45) 2-Fluorobiphenyl	13.24	172	476026	97.89	ng	-0.02
79) Terphenyl-d14	19.98	244	1085548	102.25	ng	-0.02

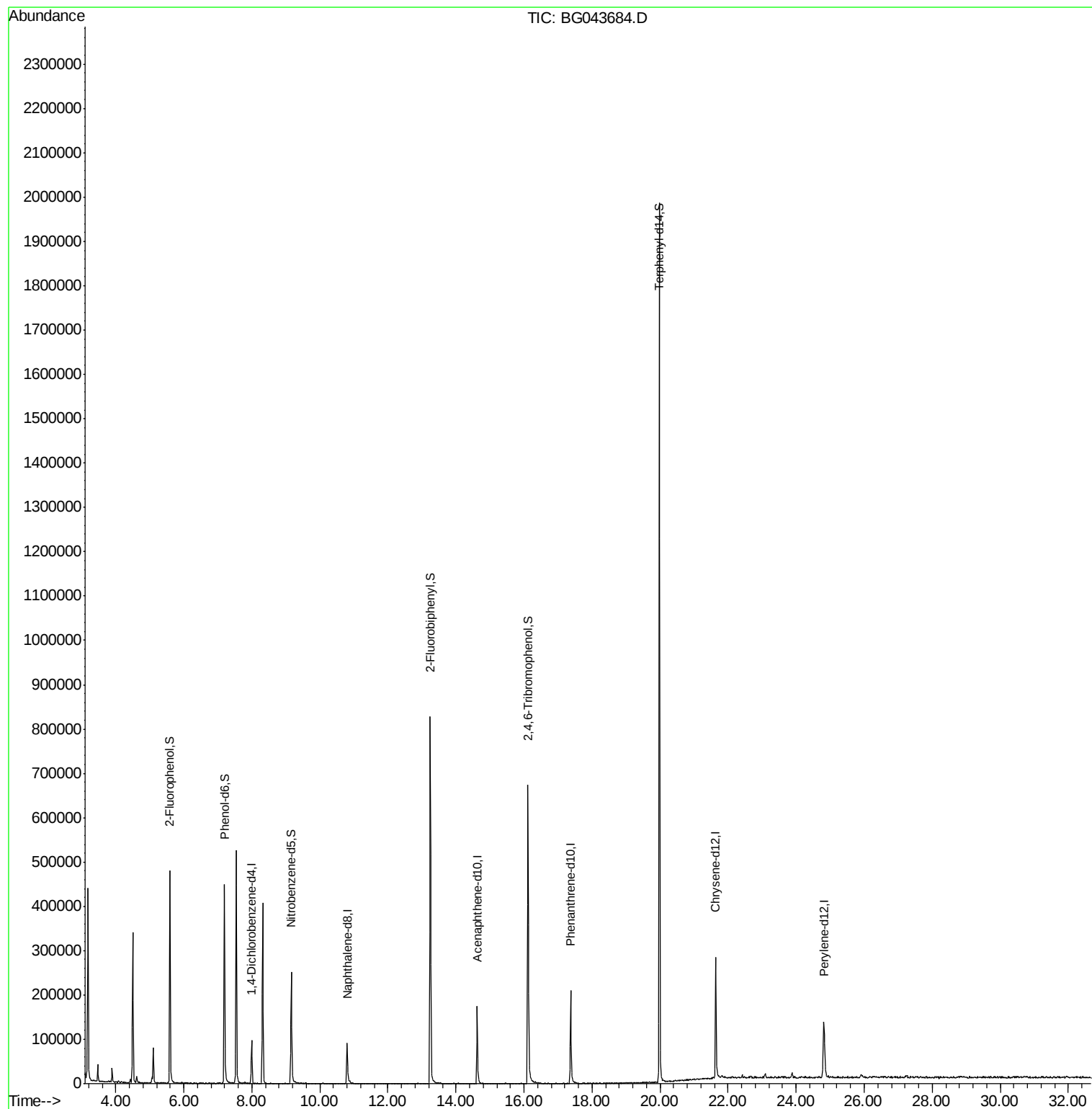
Target Compounds Qvalue

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

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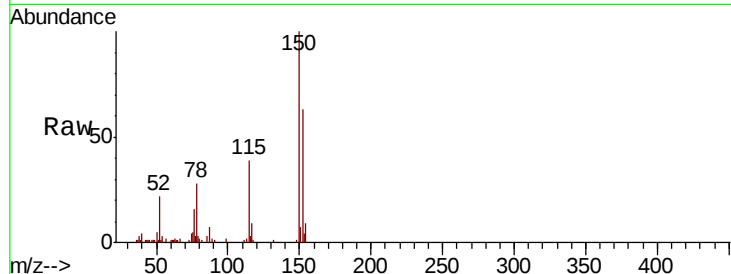


#1

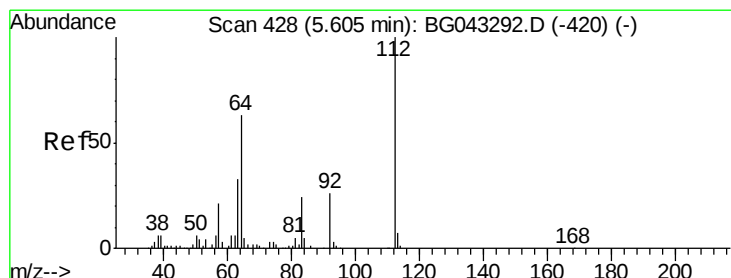
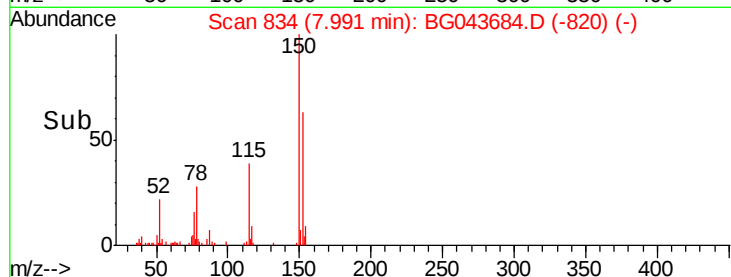
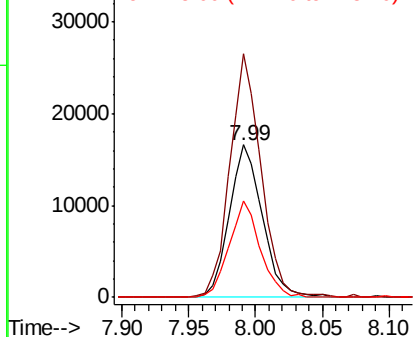
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043684.D
Acq: 18 Nov 2019 22:12

Instrument :
BNA_G
ClientSampleId :
OR-03-111419

Tot Ion:152 Resp: 28541
Ion Ratio Lower Upper
152 100
150 159.6 129.4 194.0
115 62.9 48.8 73.2



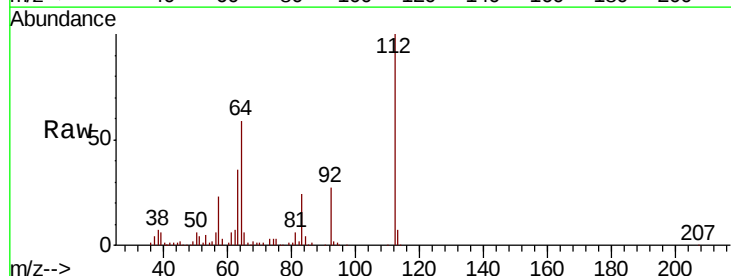
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



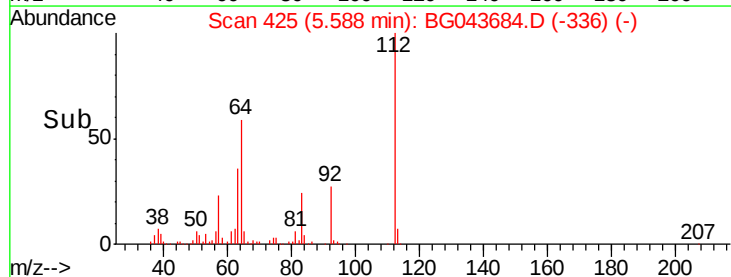
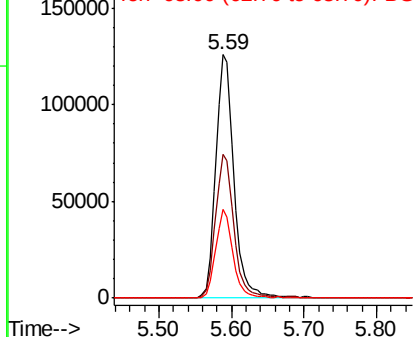
#5

2-Fluorophenol
Concen: 140.989 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG043684.D
Acq: 18 Nov 2019 22:12

Tgt Ion:112 Resp: 219596
Ion Ratio Lower Upper
112 100
64 59.0 50.0 75.0
63 36.3 26.6 40.0



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: 126.582 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG043684.D

Acq: 18 Nov 2019 22:12

Instrument :

BNA_G

ClientSampleId :

OR-03-111419

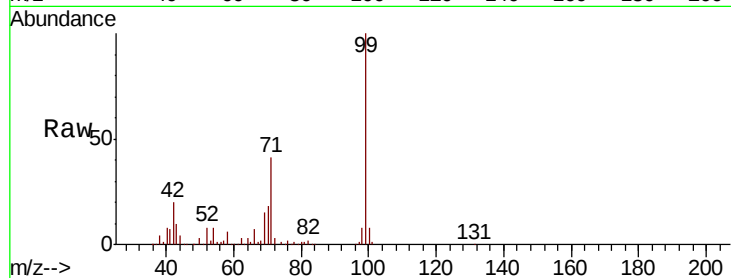
Tot Ion: 99 Resp: 283661

Ion Ratio Lower Upper

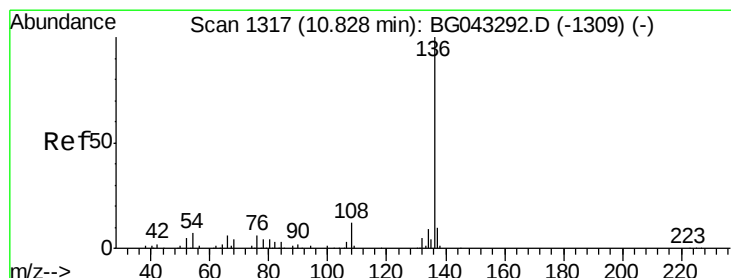
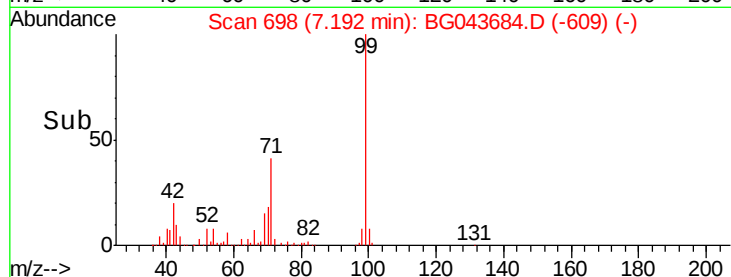
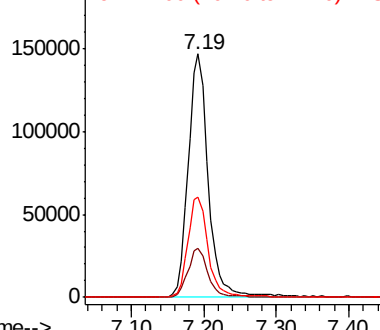
99 100

42 20.1 14.6 21.8

71 41.2 32.5 48.7



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: 10.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BG043684.D

Acq: 18 Nov 2019 22:12

Tgt Ion: 136 Resp: 92644

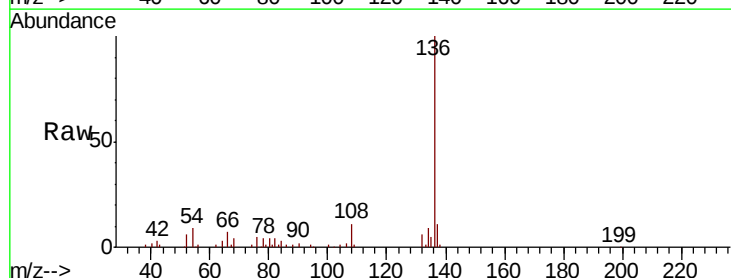
Ion Ratio Lower Upper

136 100

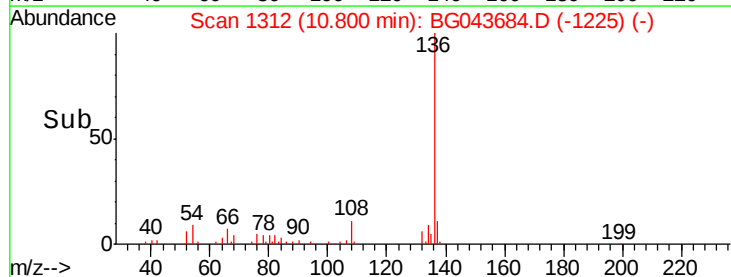
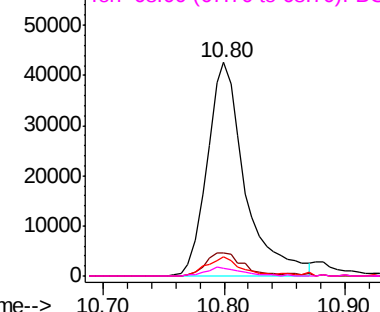
137 10.9 8.7 13.1

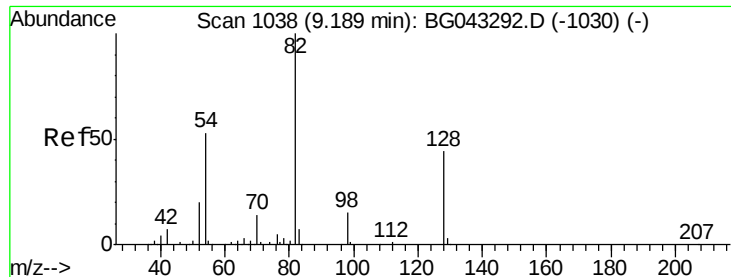
54 8.9 5.4 8.2#

68 3.6 3.0 4.4



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

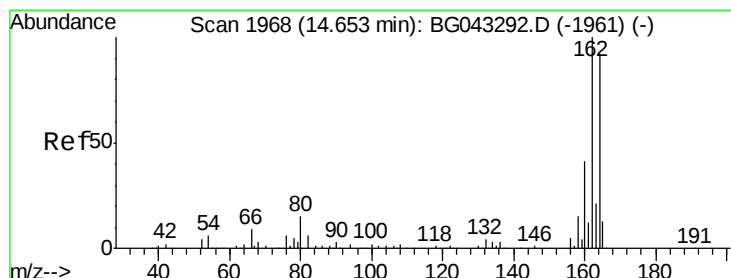
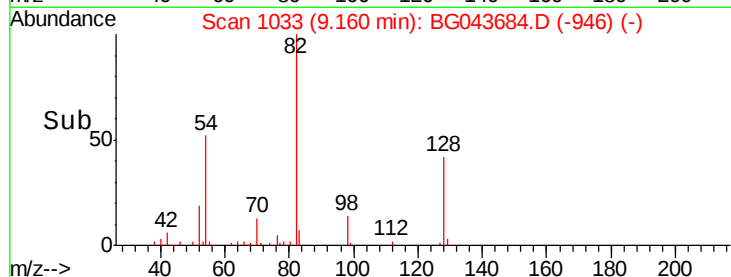
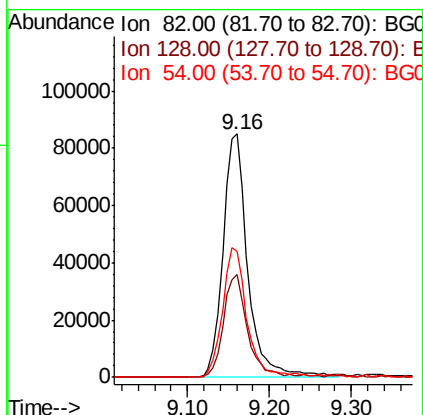
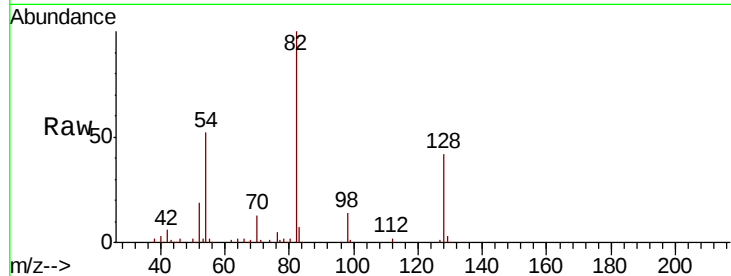




#23
Nitrobenzene-d5
Concen: 99.544 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043684.D
Acq: 18 Nov 2019 22:12

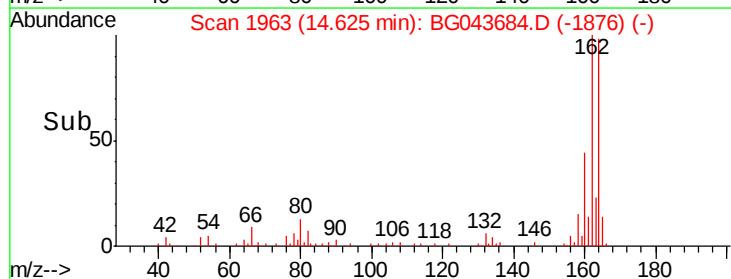
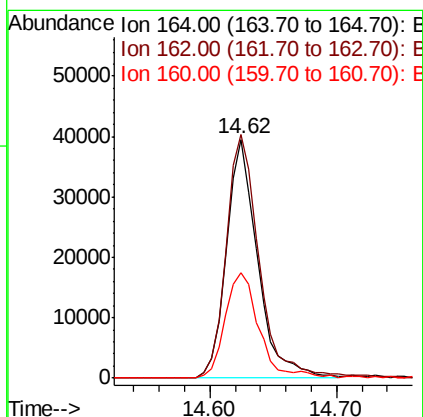
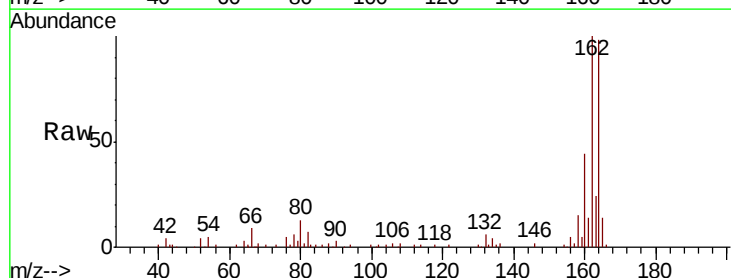
Instrument :
BNA_G
ClientSampled :
OR-03-111419

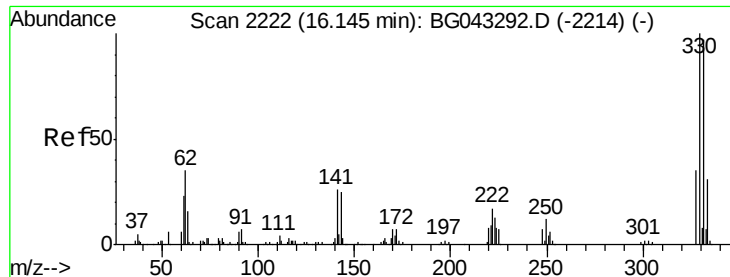
Tot Ion: 82 Resp: 178882
Ion Ratio Lower Upper
82 100
128 42.3 35.0 52.6
54 51.6 40.2 60.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BG043684.D
Acq: 18 Nov 2019 22:12

Tgt Ion: 164 Resp: 67194
Ion Ratio Lower Upper
164 100
162 102.1 83.5 125.3
160 44.4 36.5 54.7

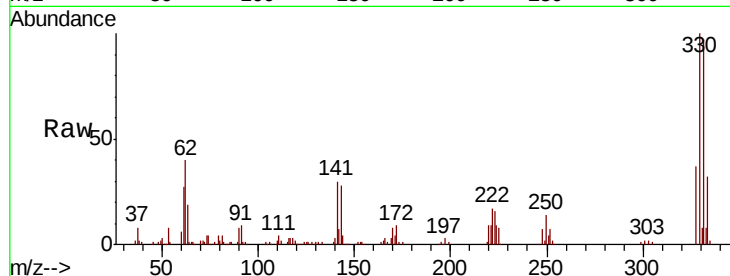




#42
 2,4,6-Tribromophenol
 Concen: 140.046 ng
 RT: 16.12 min Scan# 2217
 Delta R.T. -0.02 min
 Lab File: BG043684.D
 Acq: 18 Nov 2019 22:12

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-111419

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.0
141	28.5	22.8	34.2

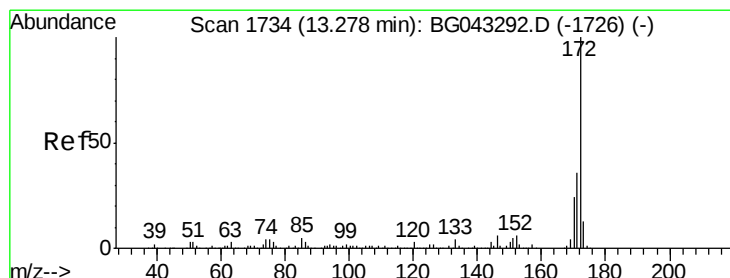
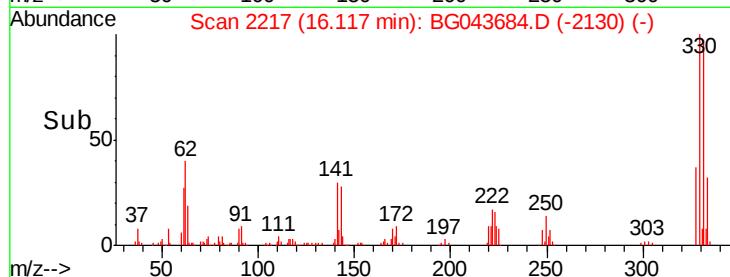
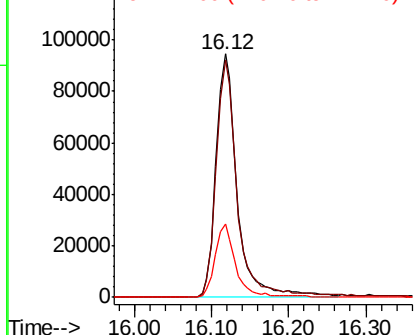


Abundance

Ion 329.80 (329.50 to 330.50): E

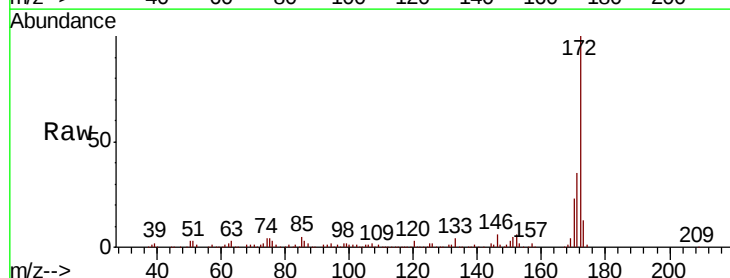
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 97.892 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.02 min
 Lab File: BG043684.D
 Acq: 18 Nov 2019 22:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	23.2	18.5	27.7

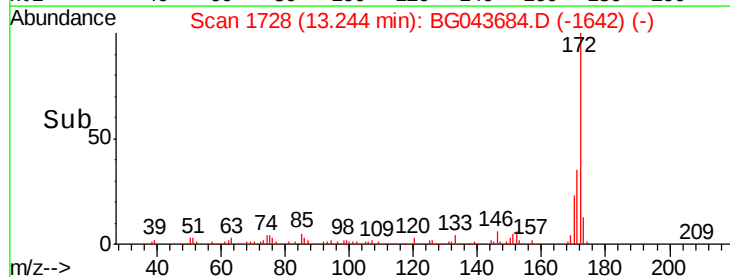
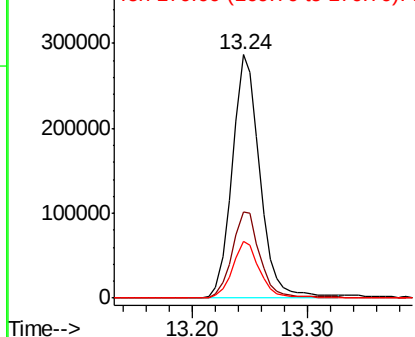


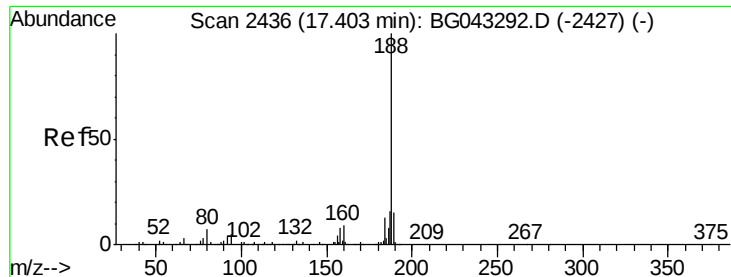
Abundance

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. -0.02 min

Lab File: BG043684.D

Acq: 18 Nov 2019 22:12

Instrument :

BNA_G

ClientSampleId :

OR-03-111419

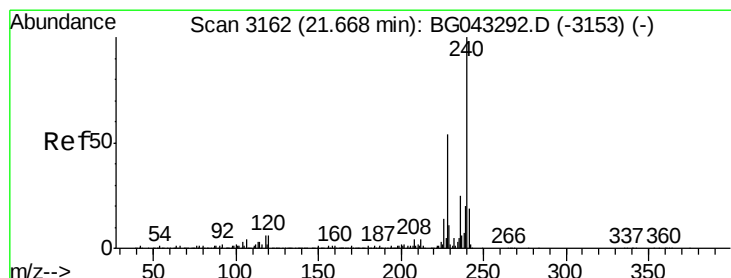
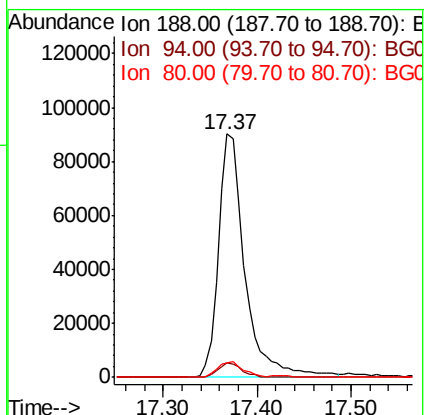
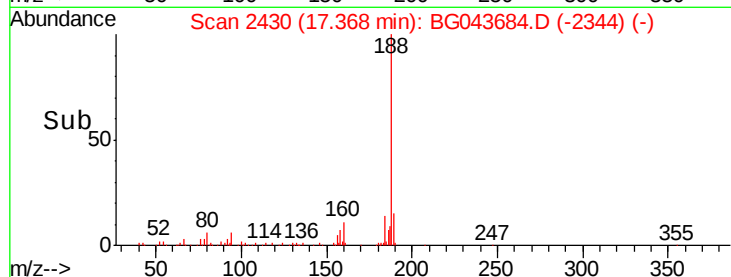
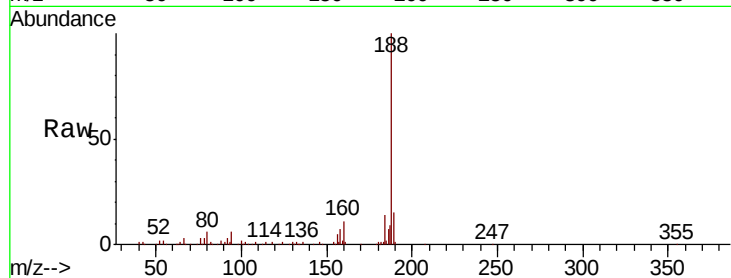
Tot Ion:188 Resp: 177105

Ion Ratio Lower Upper

188 100

94 5.8 4.2 6.4

80 5.9 4.5 6.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.02 min

Lab File: BG043684.D

Acq: 18 Nov 2019 22:12

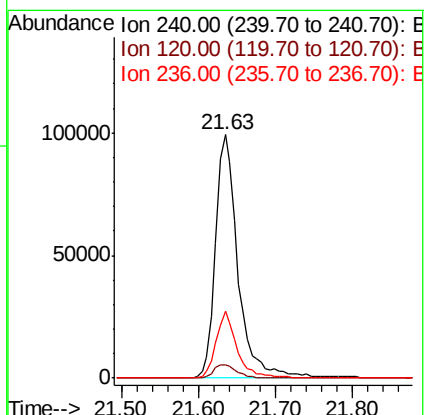
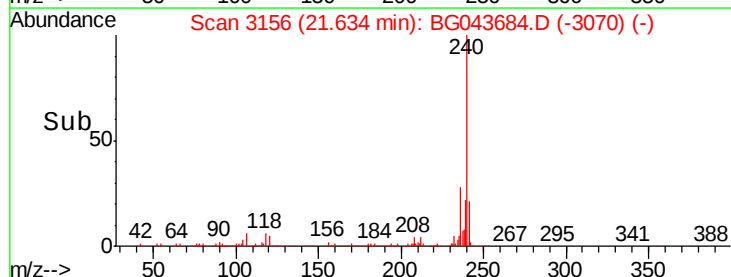
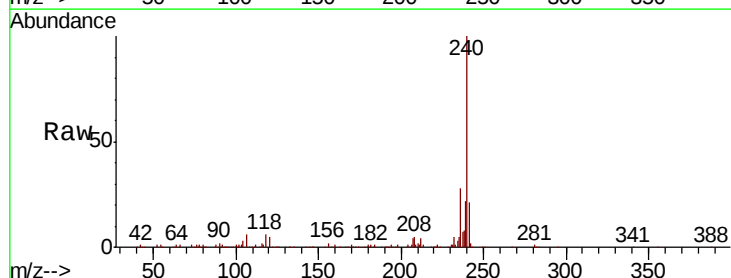
Tgt Ion:240 Resp: 199170

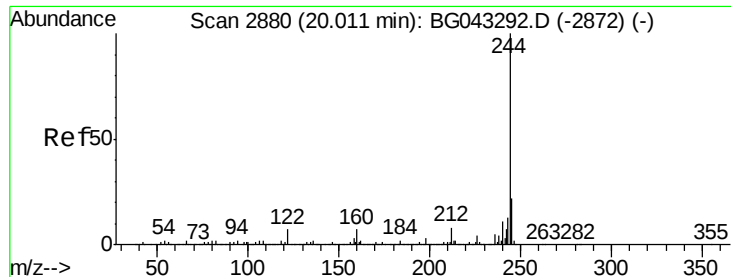
Ion Ratio Lower Upper

240 100

120 5.4 4.6 6.8

236 27.6 19.8 29.8





#79

Terphenyl-d14

Concen: 102.252 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043684.D

Acq: 18 Nov 2019 22:12

Instrument :

BNA_G

ClientSampleId :

OR-03-111419

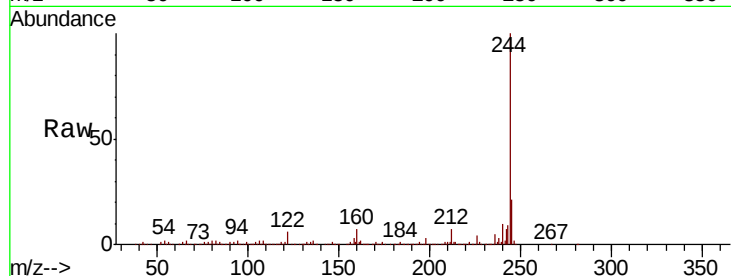
Tot Ion:244 Resp: 1085548

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

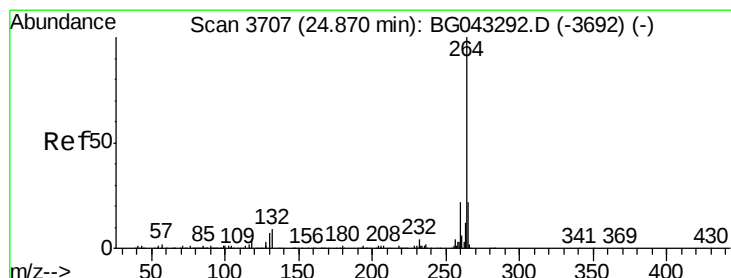
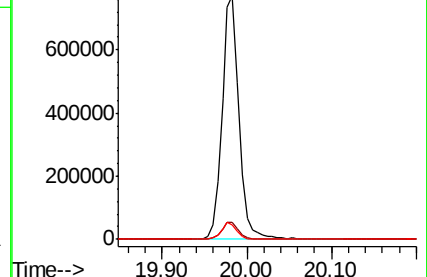
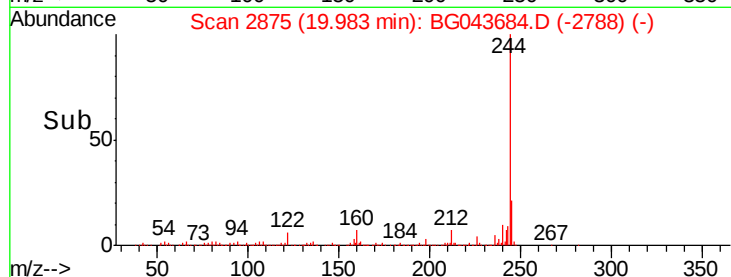
122 5.9 5.4 8.2



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: 24.81 min Scan# 3697

Delta R.T. -0.04 min

Lab File: BG043684.D

Acq: 18 Nov 2019 22:12

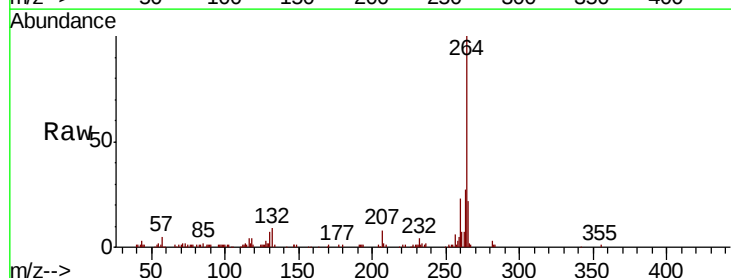
Tgt Ion:264 Resp: 135786

Ion Ratio Lower Upper

264 100

260 22.8 17.5 26.3

265 21.9 17.4 26.0



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

