

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112519\
 Data File : BG043773.D
 Acq On : 25 Nov 2019 17:34
 Operator : JU
 Sample : K5933-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-COMP-01

Quant Time: Nov 26 00:49:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	69057	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	327728	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	267039	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	806686	20.00	ng	0.00
76) Chrysene-d12	21.65	240	810671	20.00	ng	-0.01
87) Perylene-d12	24.83	264	758884	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	640934	166.86	ng	0.00
7) Phenol-d6	7.18	99	943704	169.00	ng	0.00
23) Nitrobenzene-d5	9.18	82	543885	91.25	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	493022	153.07	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1336914	82.30	ng	0.00
79) Terphenyl-d14	20.01	244	3028277	84.41	ng	0.00

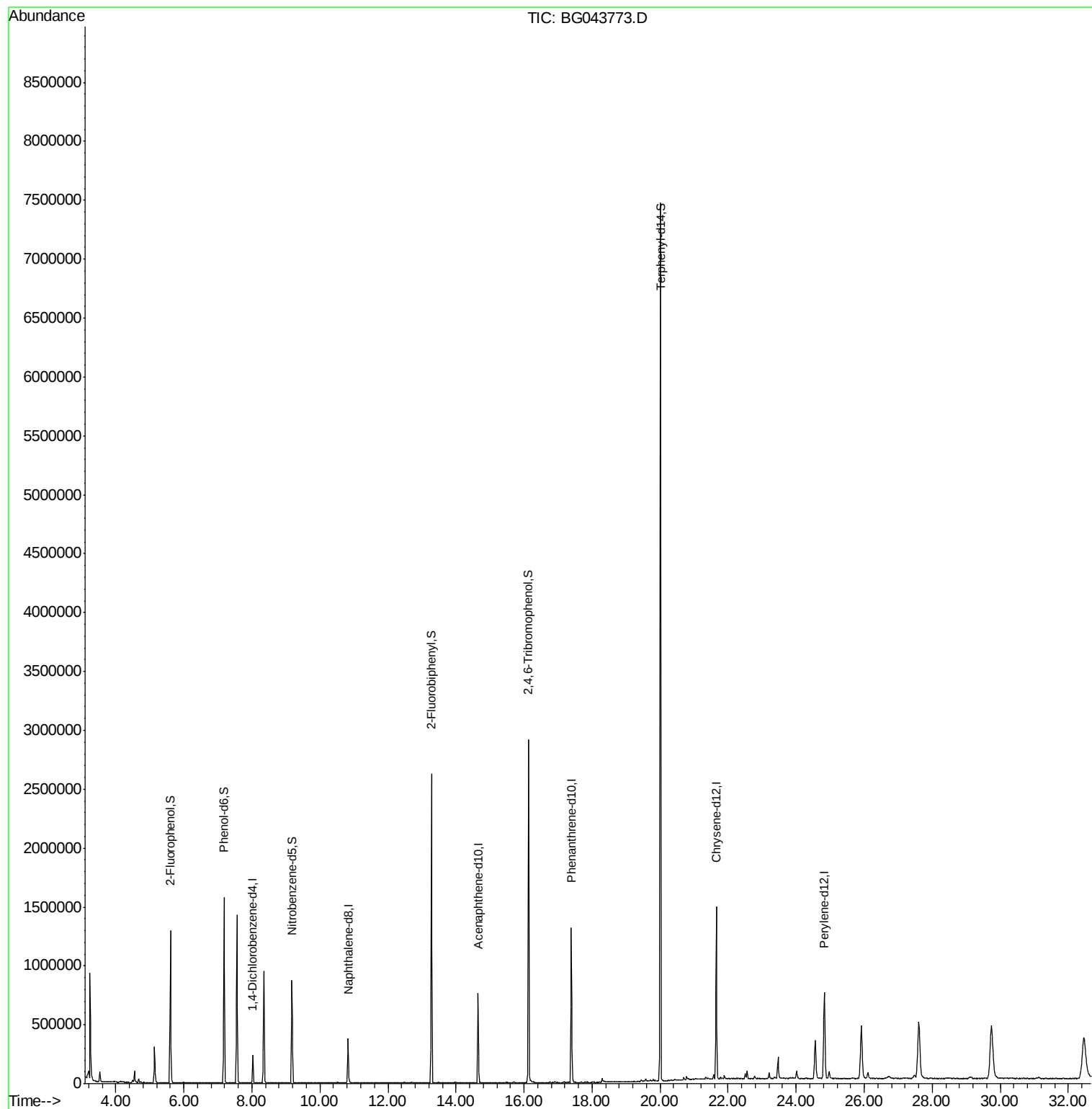
Target Compounds Qvalue

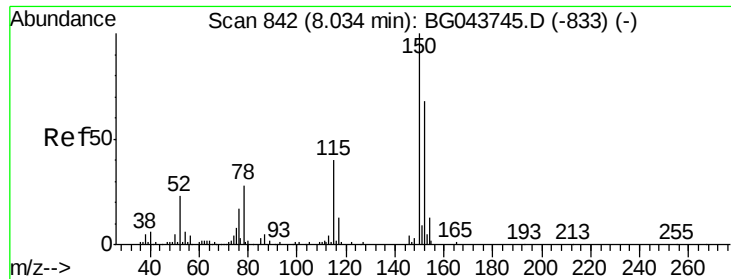
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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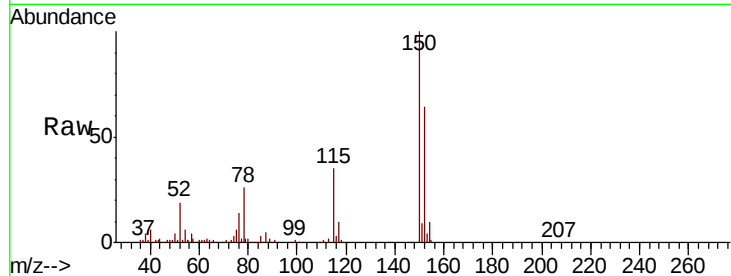


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG043773.D
Acq: 25 Nov 2019 17:34

Instrument :
BNA_G
ClientSampleId :
WC-COMP-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	117.8	176.8
115	53.9	47.0	70.4

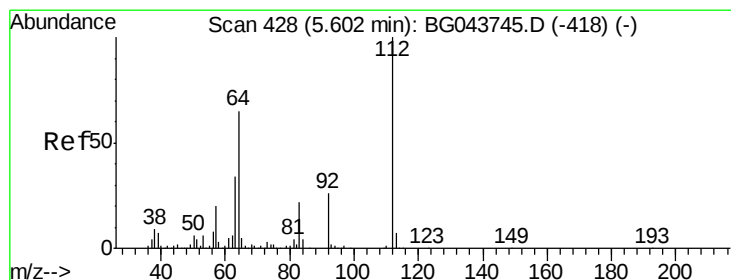
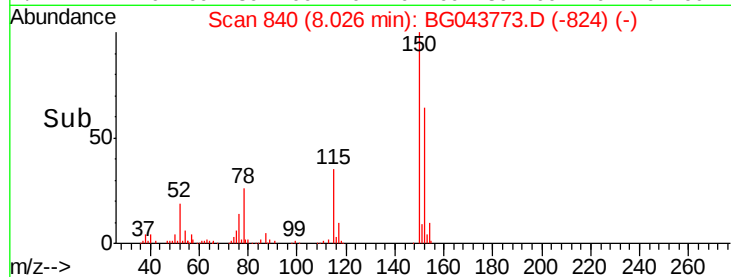
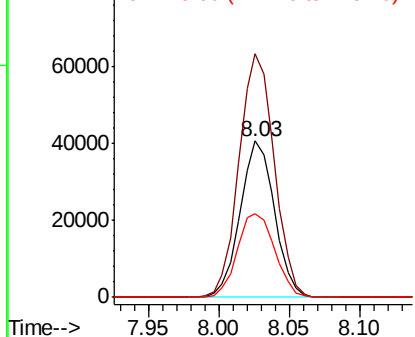


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

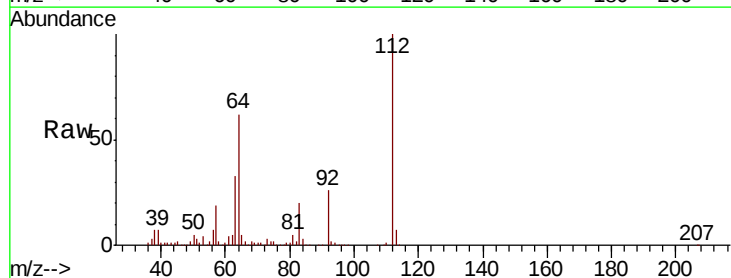
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 166.856 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG043773.D
Acq: 25 Nov 2019 17:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	51.7	77.5
63	32.8	26.8	40.2

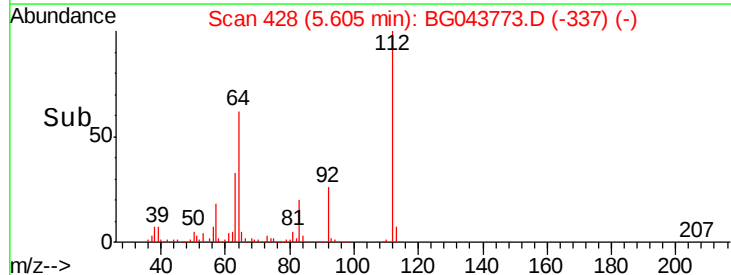
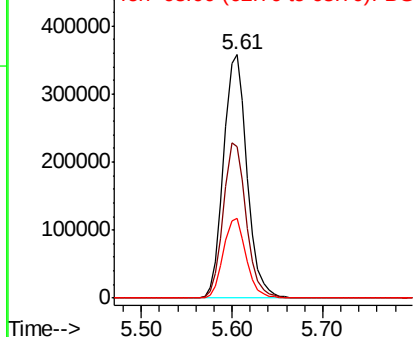


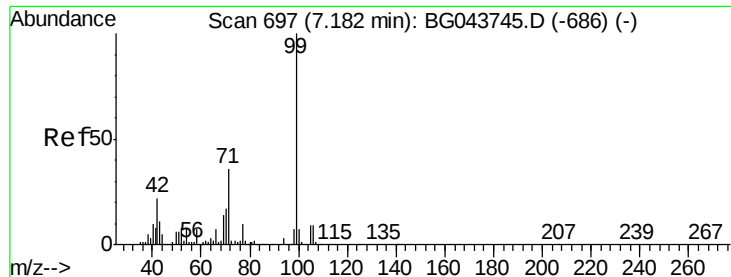
Abundance

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: 169.005 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG043773.D

Acq: 25 Nov 2019 17:34

Instrument :

BNA_G

ClientSampleId :

WC-COMP-01

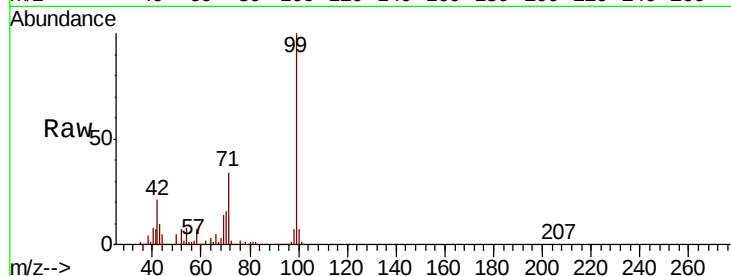
Tot Ion: 99 Resp: 943704

Ion Ratio Lower Upper

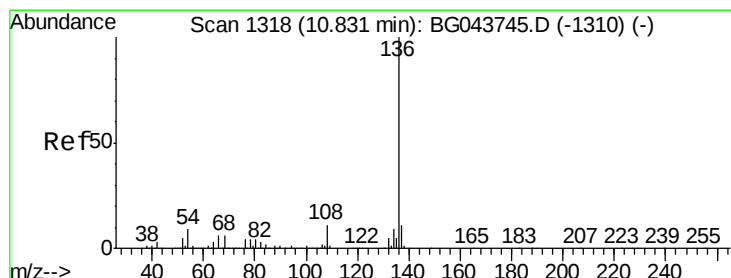
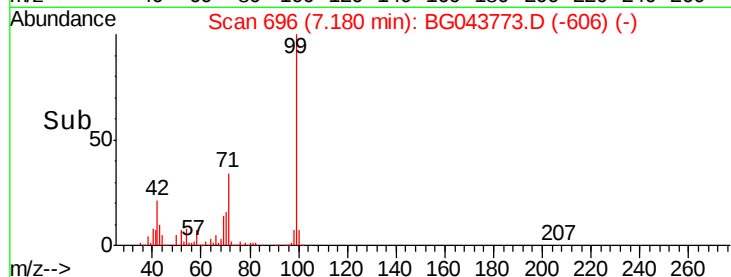
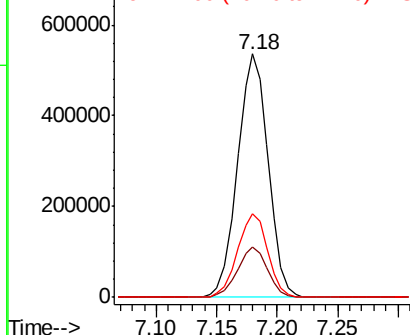
99 100

42 20.8 17.4 26.0

71 34.3 29.5 44.3



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# 1317

Delta R.T. -0.00 min

Lab File: BG043773.D

Acq: 25 Nov 2019 17:34

Tgt Ion: 136 Resp: 327728

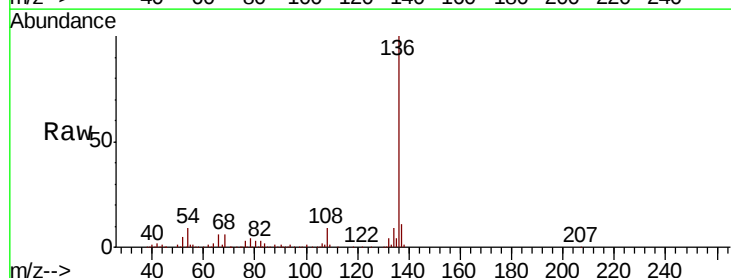
Ion Ratio Lower Upper

136 100

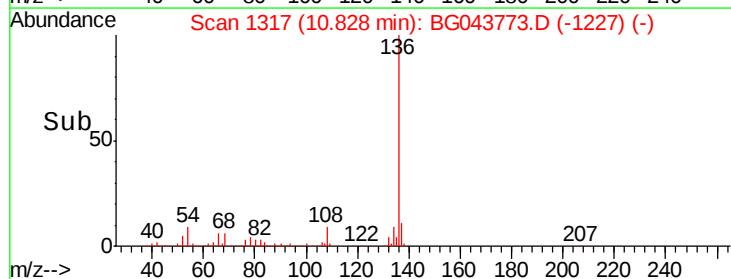
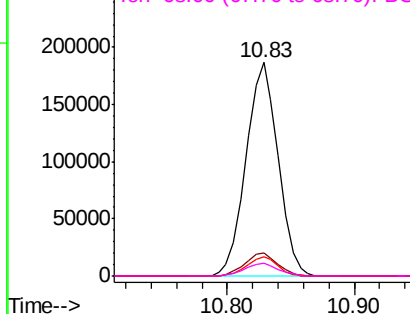
137 10.7 8.8 13.2

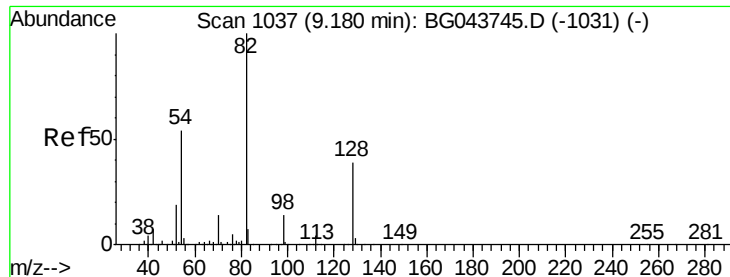
54 8.8 7.5 11.3

68 6.0 4.9 7.3



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

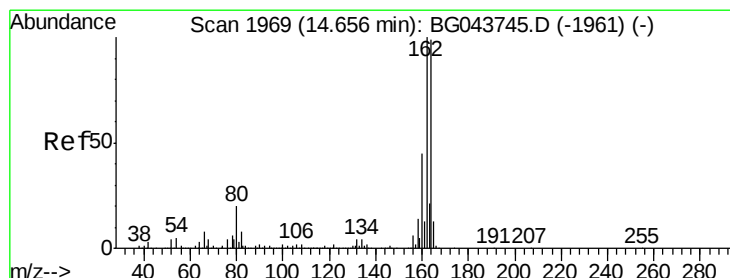
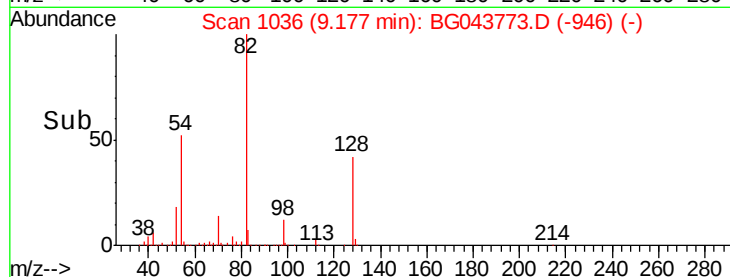
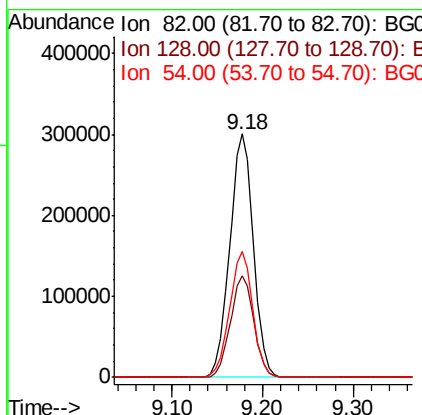
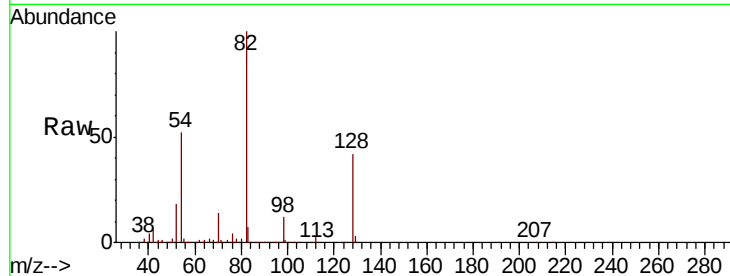




#23
 Nitrobenzene-d5
 Concen: 91.247 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG043773.D
 Acq: 25 Nov 2019 17:34

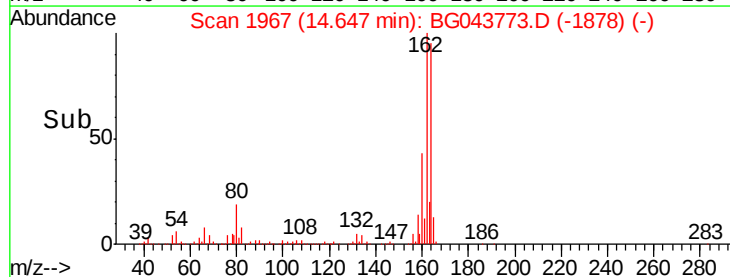
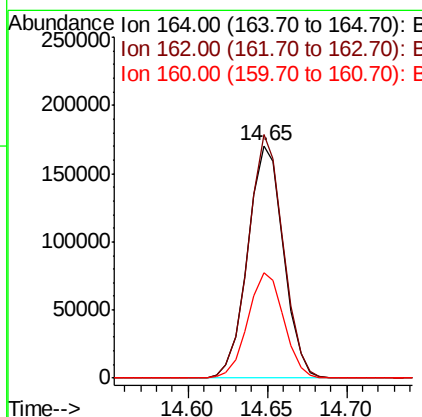
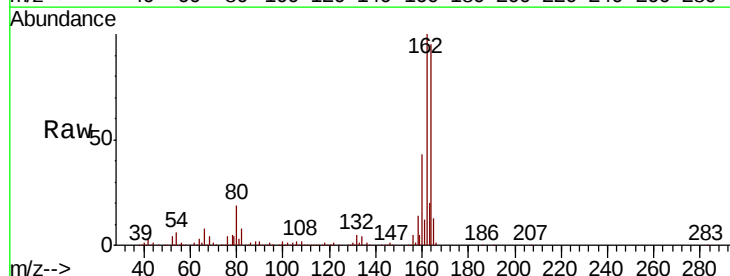
Instrument :
 BNA_G
 ClientSampleId :
 WC-COMP-01

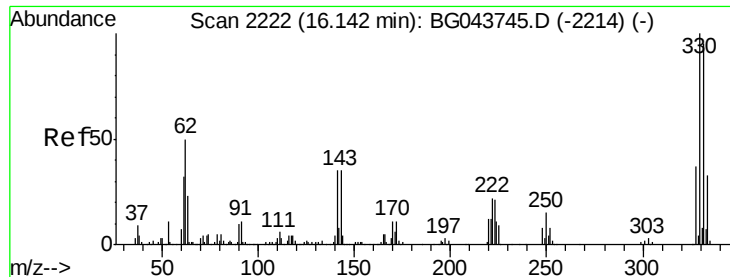
Tot Ion	82	Resp	543885
Ion Ratio	Lower	Upper	
82	100		
128	41.8	31.3	46.9
54	51.7	42.7	64.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG043773.D
 Acq: 25 Nov 2019 17:34

Tgt Ion	164	Resp	267039
Ion Ratio	Lower	Upper	
164	100		
162	104.7	80.6	121.0
160	45.5	36.3	54.5

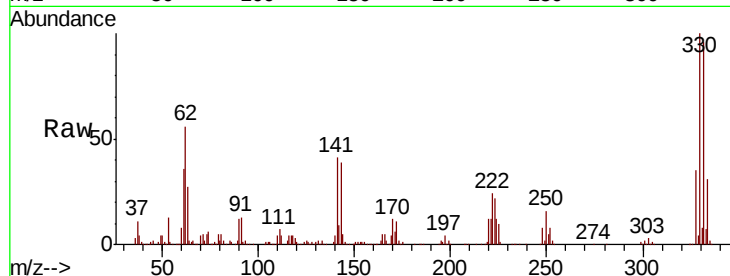




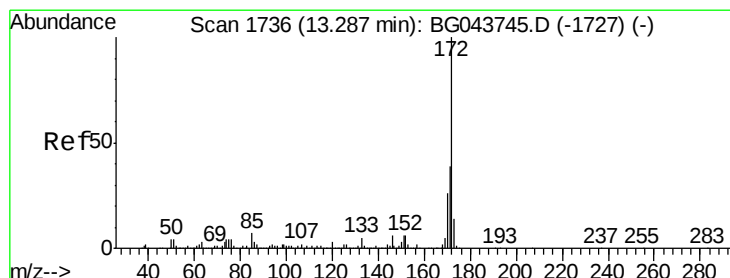
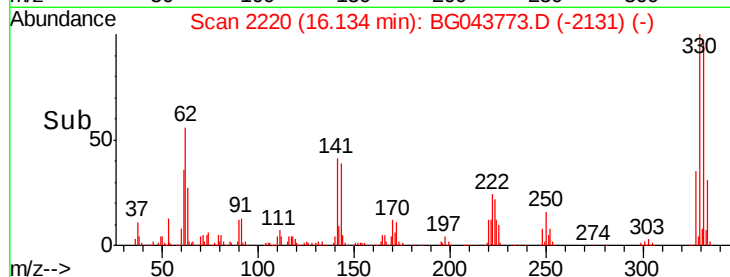
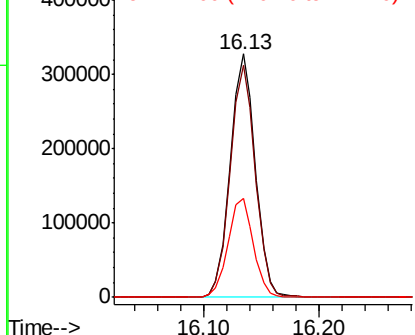
#42
 2,4,6-Tribromophenol
 Concen: 153.070 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG043773.D
 Acq: 25 Nov 2019 17:34

Instrument :
 BNA_G
 ClientSampleId :
 WC-COMP-01

Tot Ion:330 Resp: 493022
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.3 115.9
 141 41.1 31.4 47.2

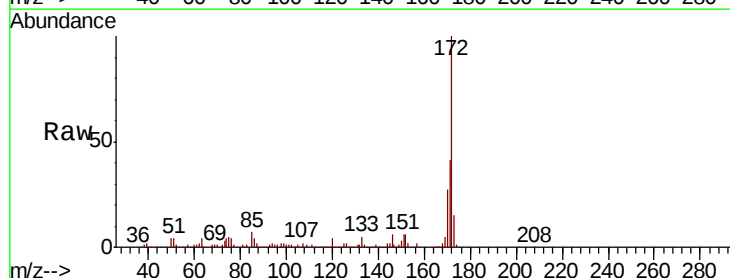


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

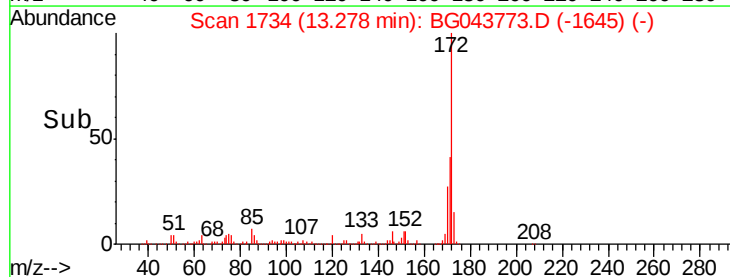
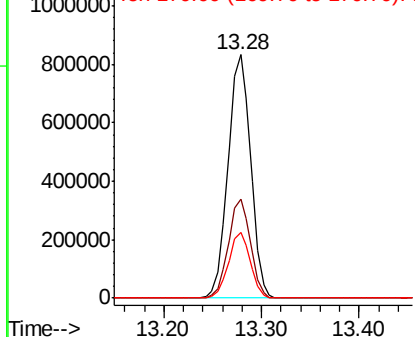


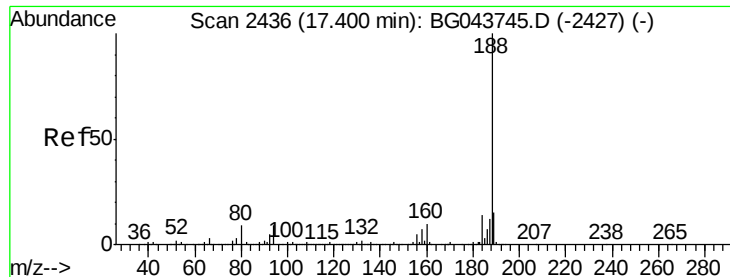
#45
 2-Fluorobiphenyl
 Concen: 82.295 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG043773.D
 Acq: 25 Nov 2019 17:34

Tgt Ion:172 Resp: 1336914
 Ion Ratio Lower Upper
 172 100
 171 40.8 31.0 46.6
 170 27.2 21.0 31.4



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

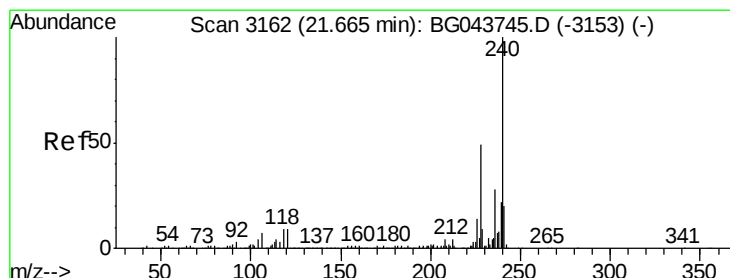
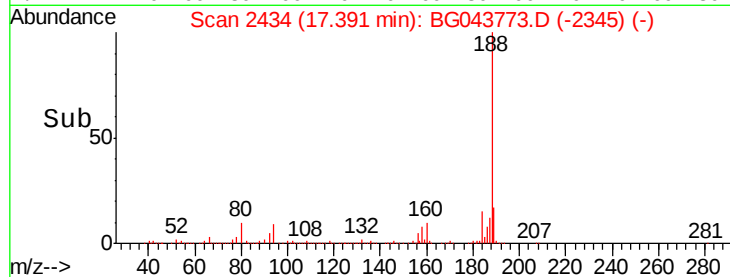
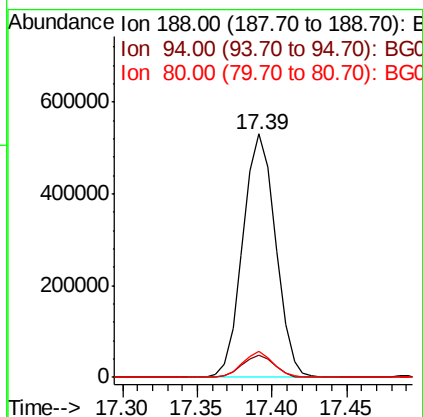
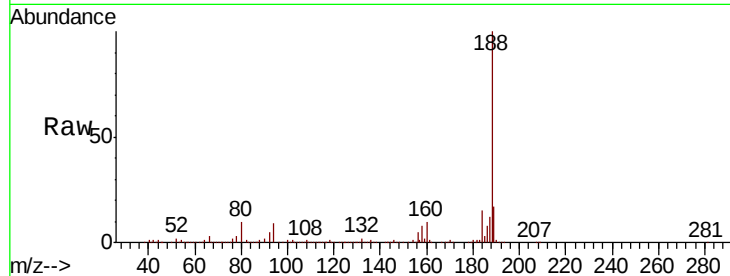




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG043773.D
Acq: 25 Nov 2019 17:34

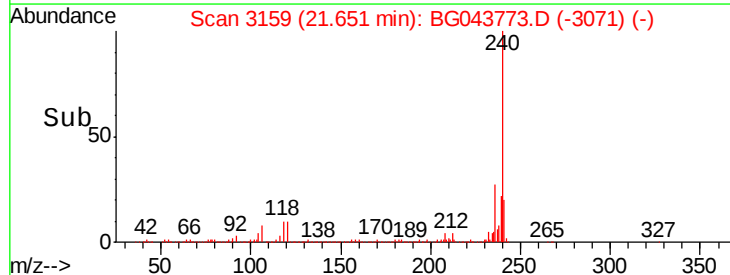
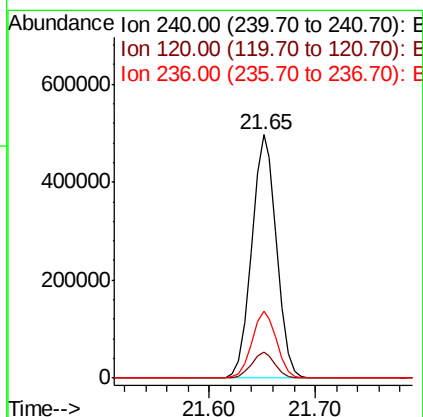
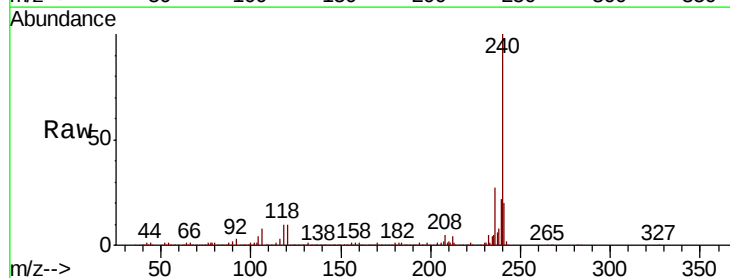
Instrument :
BNA_G
ClientSampleId :
WC-COMP-01

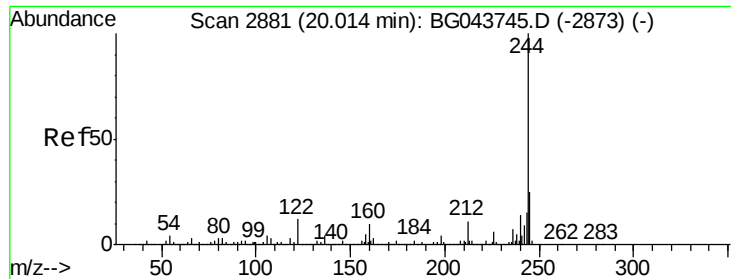
Tot Ion:188 Resp: 806686
Ion Ratio Lower Upper
188 100
94 9.1 6.9 10.3
80 10.5 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG043773.D
Acq: 25 Nov 2019 17:34

Tgt Ion:240 Resp: 810671
Ion Ratio Lower Upper
240 100
120 10.5 7.5 11.3
236 27.5 22.6 34.0





#79

Terphenyl-d14

Concen: 84.409 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043773.D

Acq: 25 Nov 2019 17:34

Instrument :

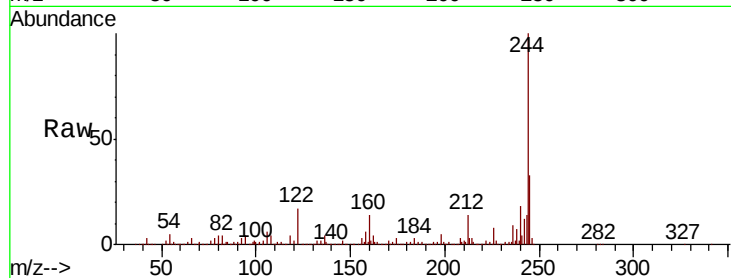
BNA_G

ClientSampleId :

WC-COMP-01

Tot Ion:244 Resp: 3028277

Ion	Ratio	Lower	Upper
244	100		
212	13.6	8.5	12.7#
122	16.7	9.5	14.3#

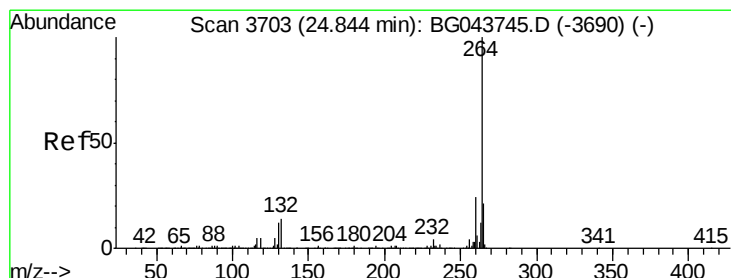
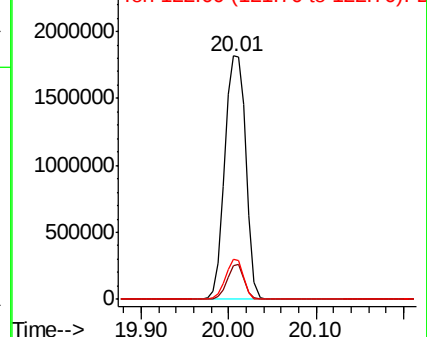
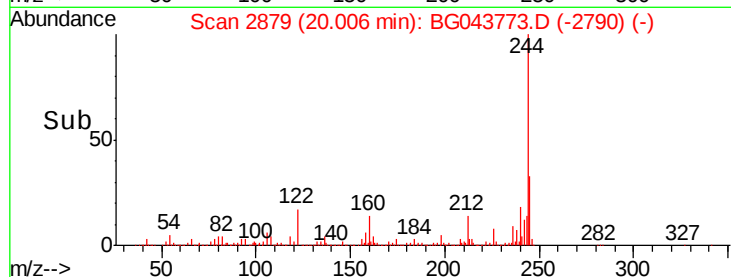


Abundance

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: 24.83 min Scan# 3700

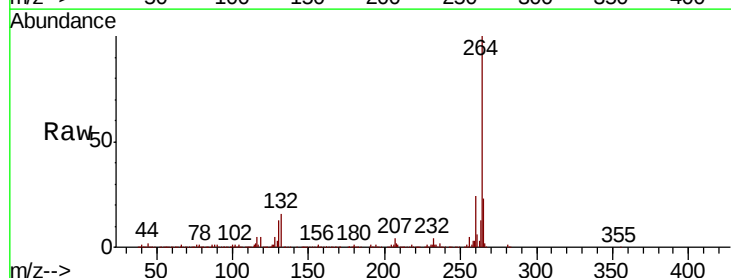
Delta R.T. -0.01 min

Lab File: BG043773.D

Acq: 25 Nov 2019 17:34

Tgt Ion:264 Resp: 758884

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	22.5	17.0	25.6



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

