

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
 Data File : BG038556.D
 Acq On : 14 Dec 2018 6:31
 Operator : JU/SJ
 Sample : J6331-42
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Quant Time: Dec 14 07:54:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	21069	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	85566	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	57830	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	151092	20.00	ng	0.00
76) Chrysene-d12	21.72	240	160985	20.00	ng	-0.01
87) Perylene-d12	25.01	264	170491	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	169037	142.30	ng	0.00
7) Phenol-d6	7.21	99	212034	130.02	ng	0.00
23) Nitrobenzene-d5	9.24	82	167657	100.10	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	123932	155.50	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	390710	92.68	ng	0.00
79) Terphenyl-d14	20.04	244	802486	108.49	ng	0.00

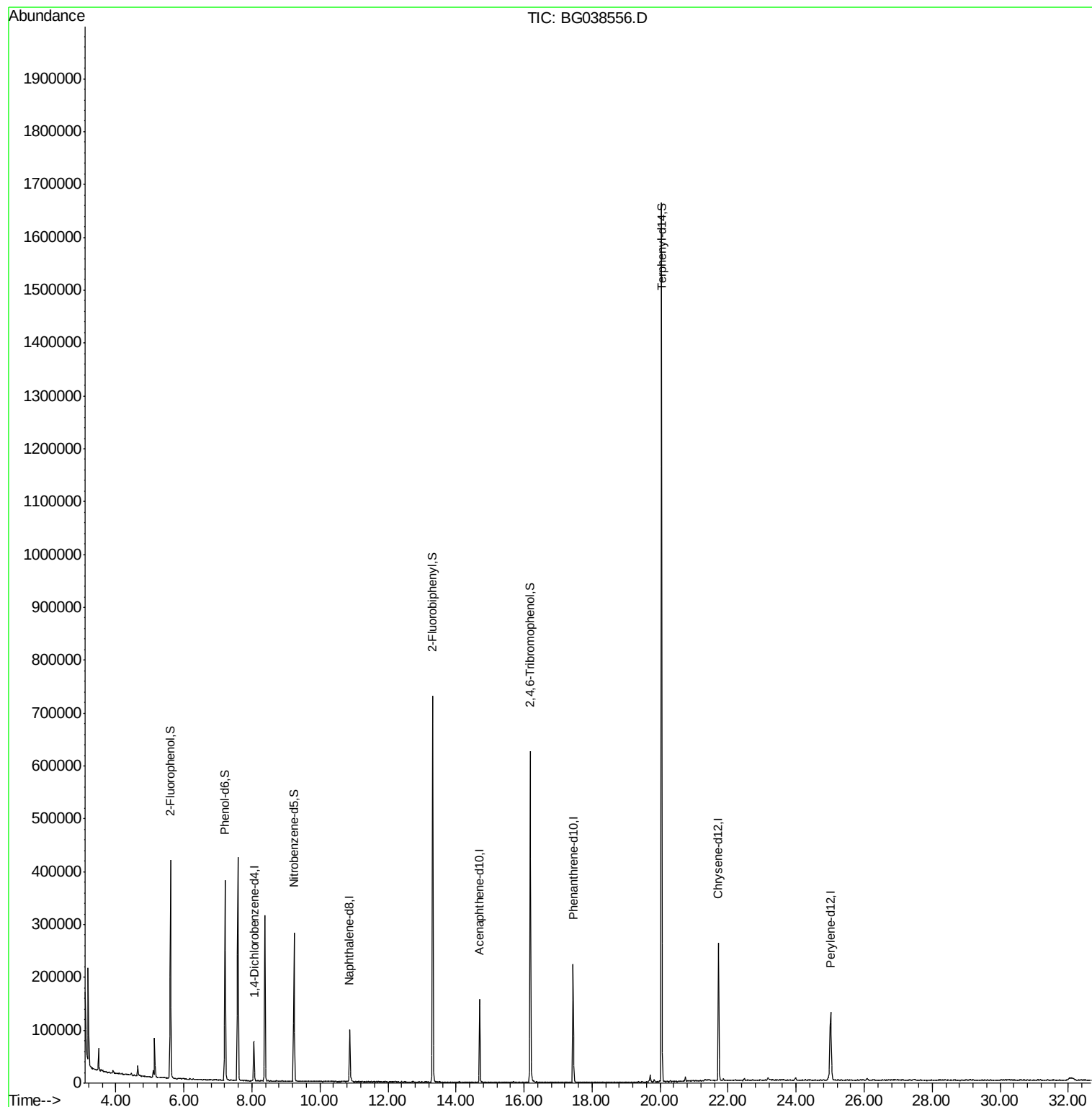
Target Compounds	Qvalue
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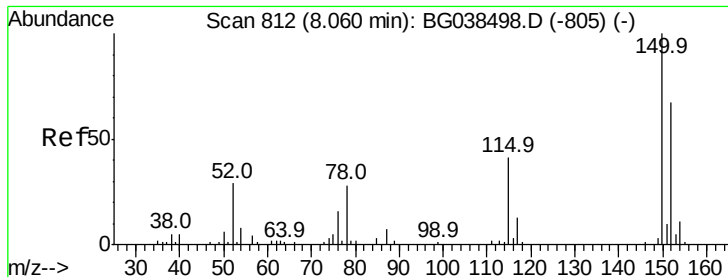
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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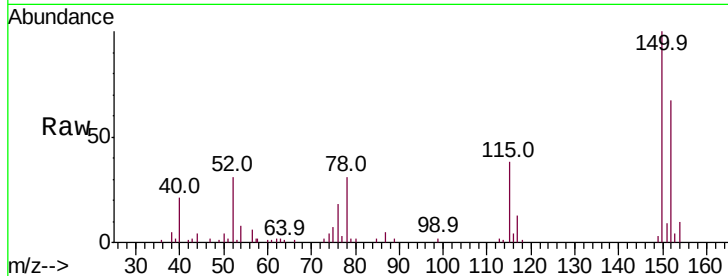


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038556.D
Acq: 14 Dec 2018 6:31

Instrument :
BNA_G
ClientSampled :
TP-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.7	119.5	179.3
115	55.9	49.6	74.4

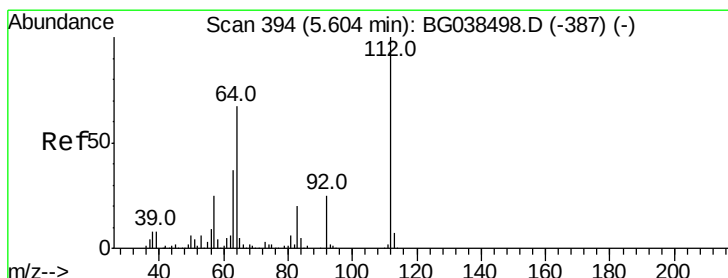
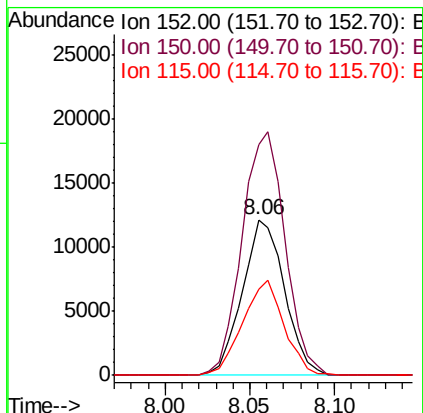
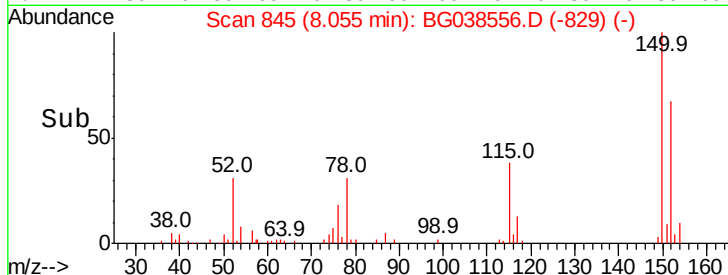


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

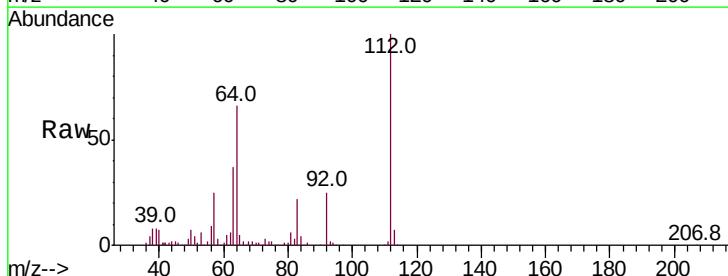
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 142.300 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038556.D
Acq: 14 Dec 2018 6:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	53.4	80.2
63	37.1	29.3	43.9

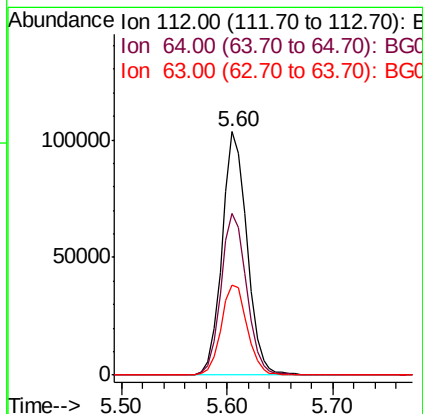
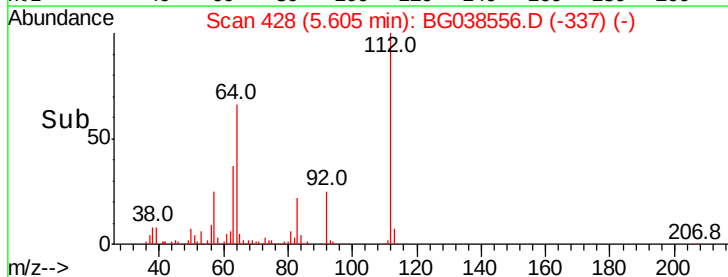


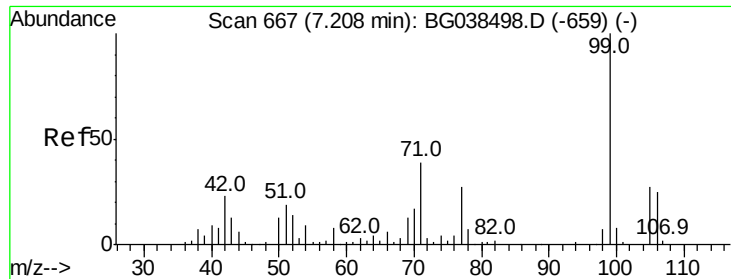
Abundance

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: 130.023 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038556.D

Acq: 14 Dec 2018 6:31

Instrument :

BNA_G

ClientSampleId :

TP-7

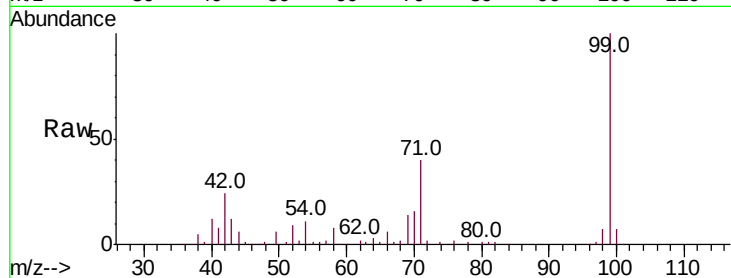
Tot Ion: 99 Resp: 212034

Ion Ratio Lower Upper

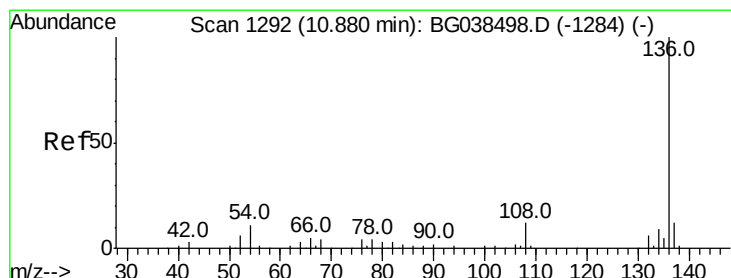
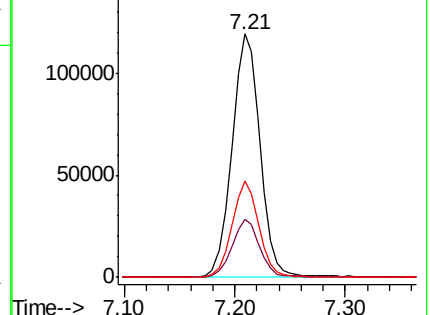
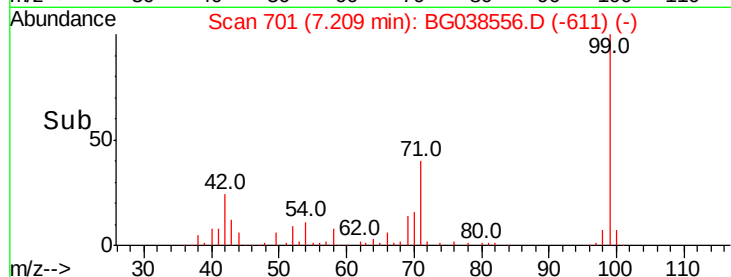
99 100

42 23.8 18.5 27.7

71 39.8 31.1 46.7



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: 10.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG038556.D

Acq: 14 Dec 2018 6:31

Tgt Ion: 136 Resp: 85566

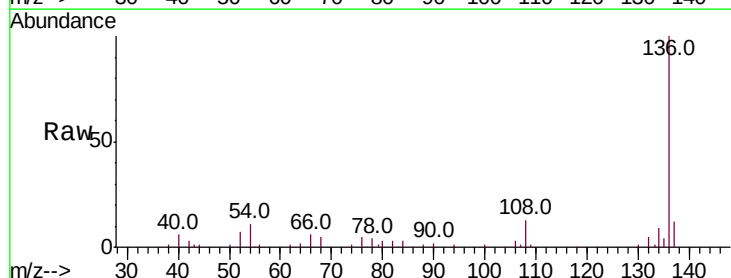
Ion Ratio Lower Upper

136 100

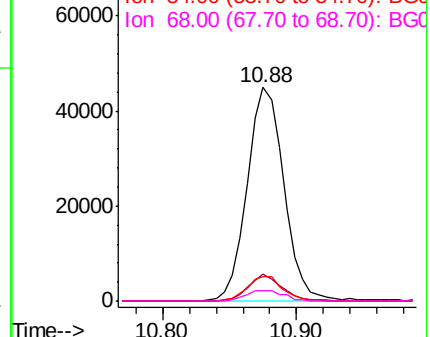
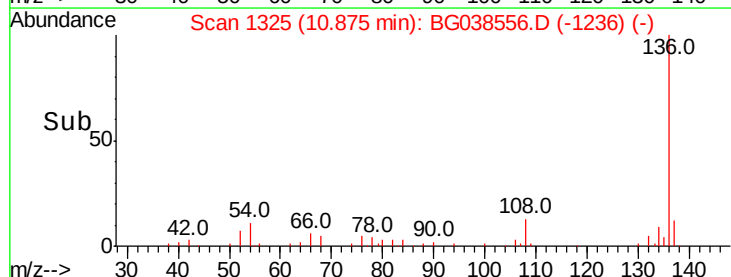
137 12.4 9.3 13.9

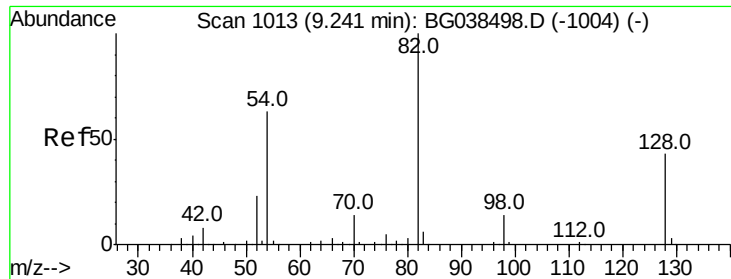
54 11.5 8.5 12.7

68 4.7 3.5 5.3



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

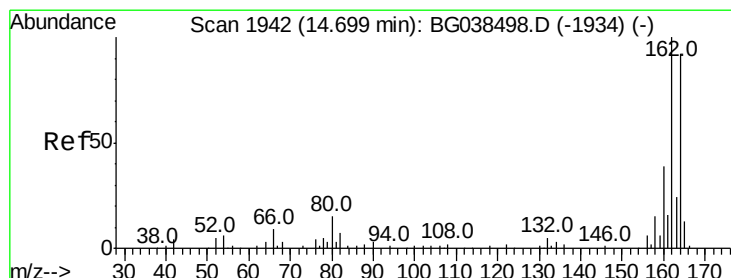
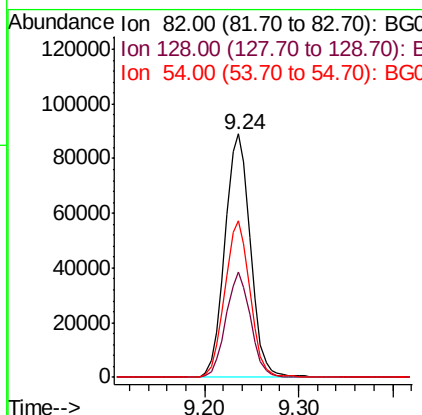
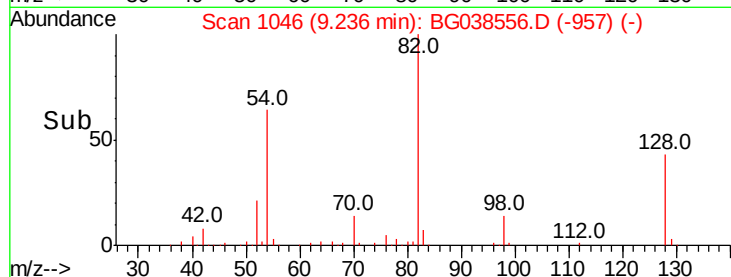
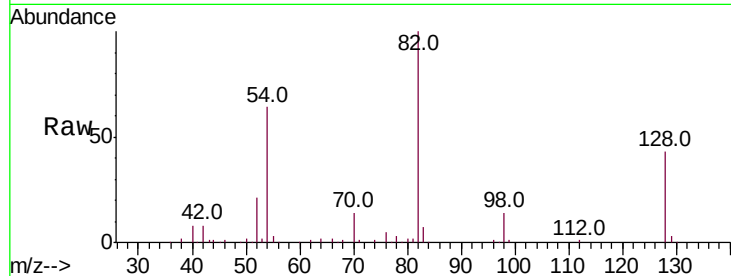




#23
Nitrobenzene-d5
Concen: 100.099 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038556.D
Acq: 14 Dec 2018 6:31

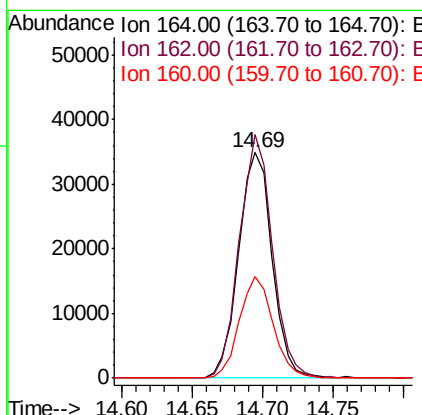
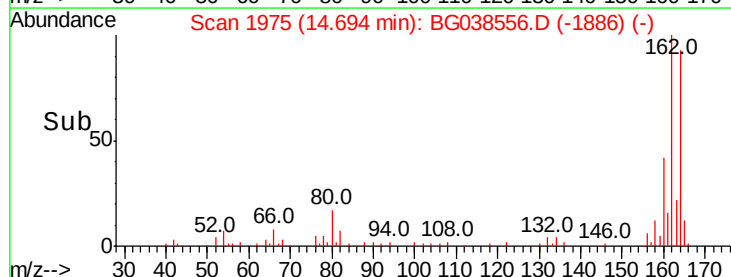
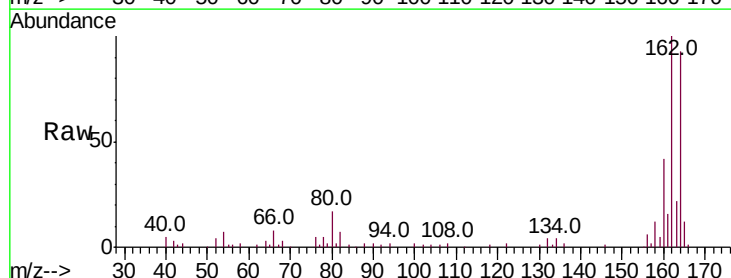
Instrument :
BNA_G
ClientSampled :
TP-7

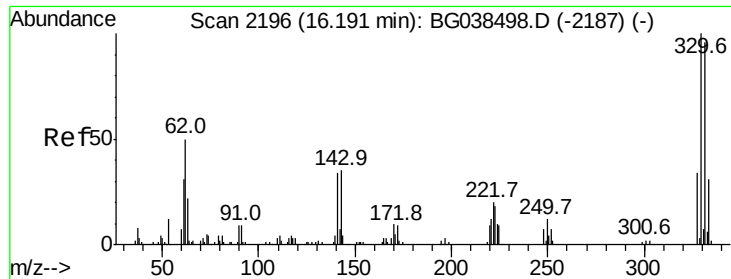
Tot Ion: 82 Resp: 167657
Ion Ratio Lower Upper
82 100
128 43.2 34.6 52.0
54 64.3 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038556.D
Acq: 14 Dec 2018 6:31

Tgt Ion:164 Resp: 57830
Ion Ratio Lower Upper
164 100
162 108.0 86.6 130.0
160 44.9 34.2 51.2

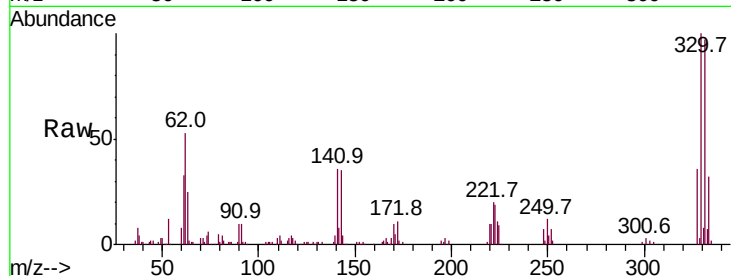




#42
 2,4,6-Tribromophenol
 Concen: 155.498 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG038556.D
 Acq: 14 Dec 2018 6:31

Instrument :
 BNA_G
 ClientSampled :
 TP-7

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.9	115.3
141	36.9	28.8	43.2

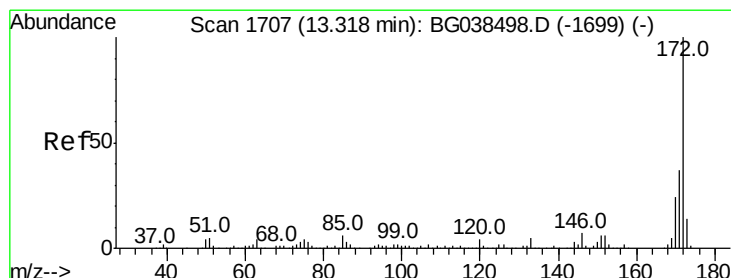
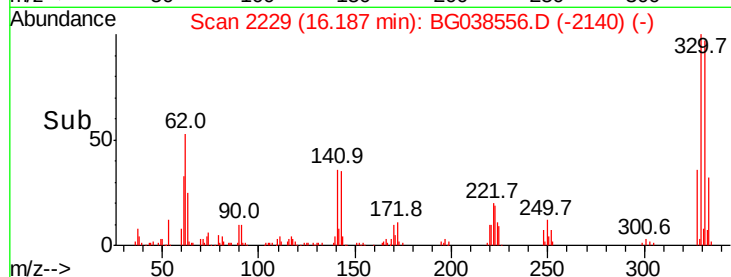
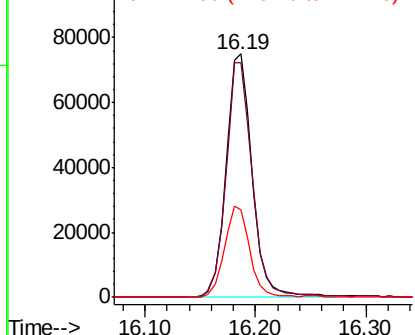


Abundance

Ion 329.80 (329.50 to 330.50): E

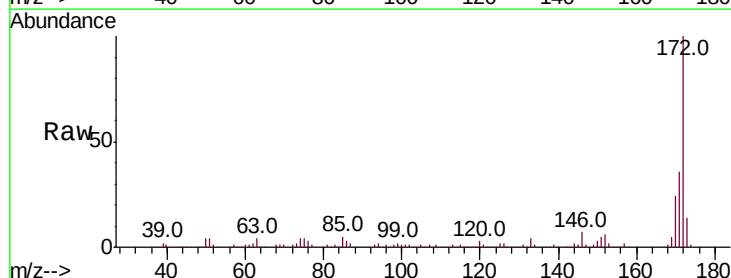
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 92.685 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038556.D
 Acq: 14 Dec 2018 6:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.8	44.6
170	24.4	19.5	29.3

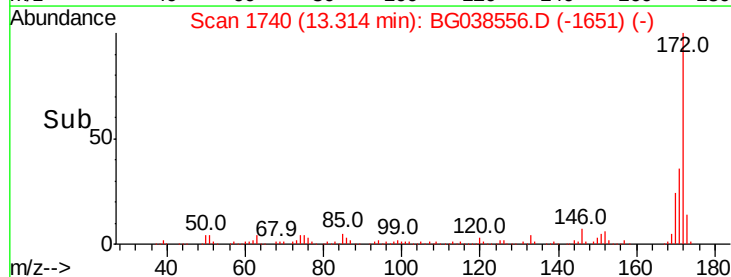
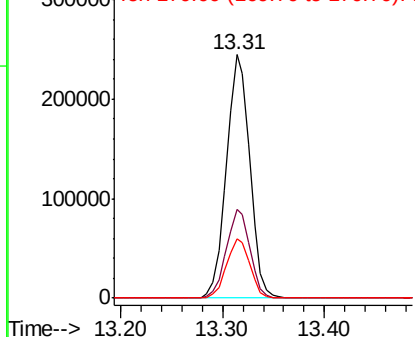


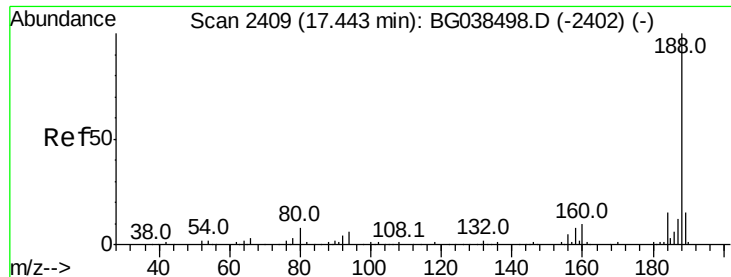
Abundance

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

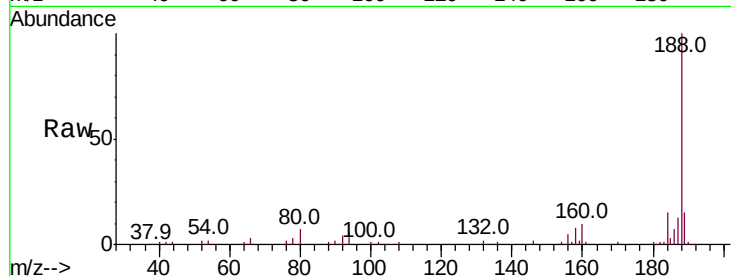




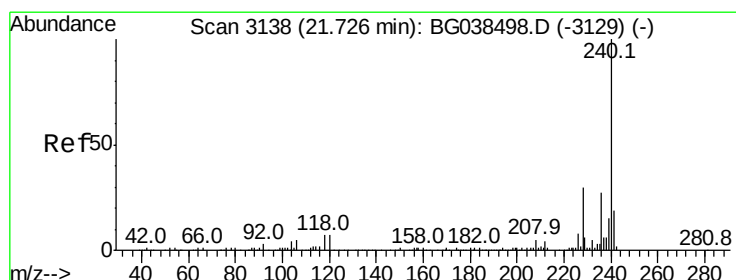
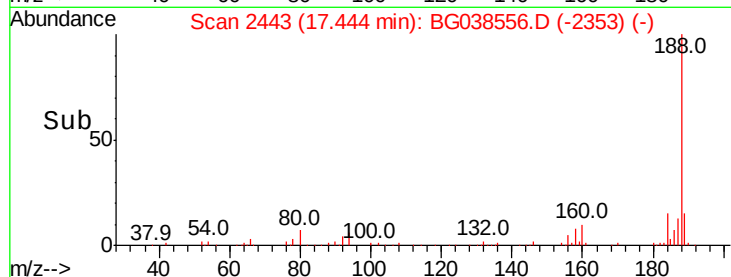
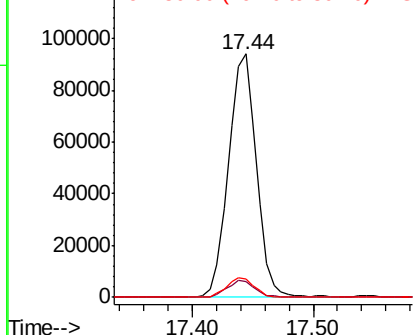
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038556.D
Acq: 14 Dec 2018 6:31

Instrument :
BNA_G
ClientSampleId :
TP-7

Tot Ion:188 Resp: 151092
Ion Ratio Lower Upper
188 100
94 6.3 5.1 7.7
80 7.5 6.1 9.1

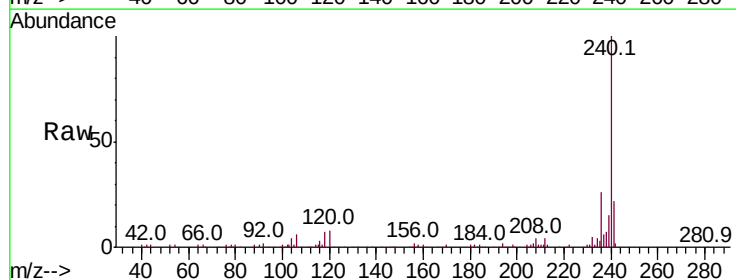


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

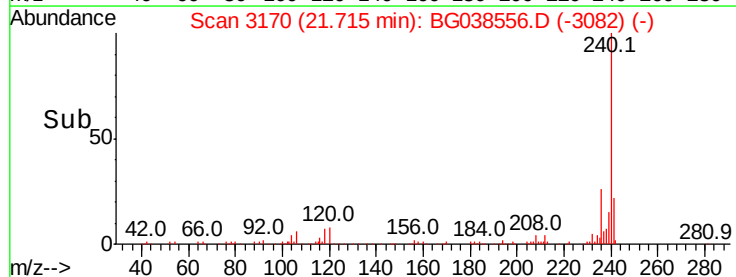
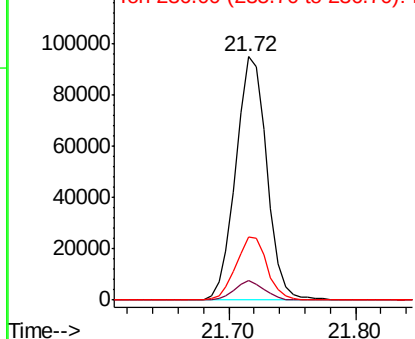


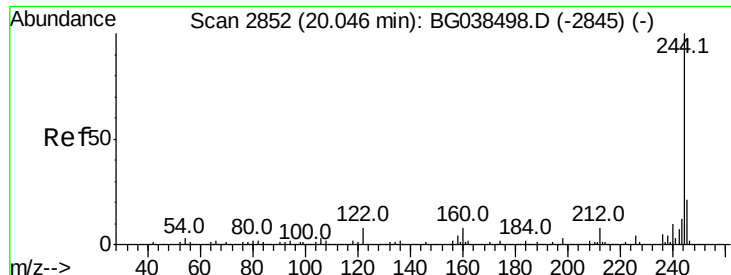
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038556.D
Acq: 14 Dec 2018 6:31

Tgt Ion:240 Resp: 160985
Ion Ratio Lower Upper
240 100
120 8.1 5.3 7.9#
236 26.1 21.4 32.2



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: 108.487 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038556.D

Acq: 14 Dec 2018 6:31

Instrument :

BNA_G

ClientSampleId :

TP-7

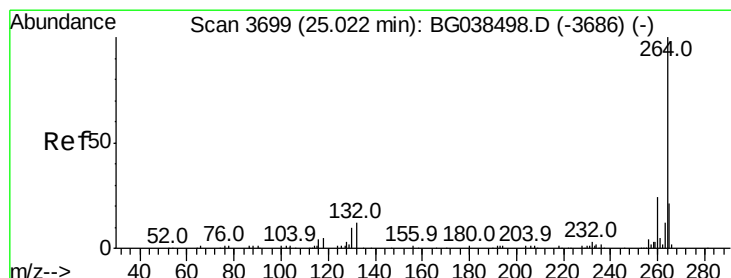
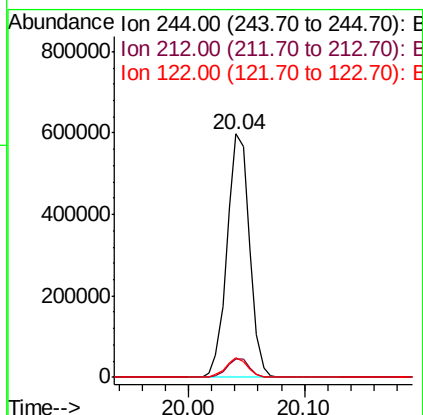
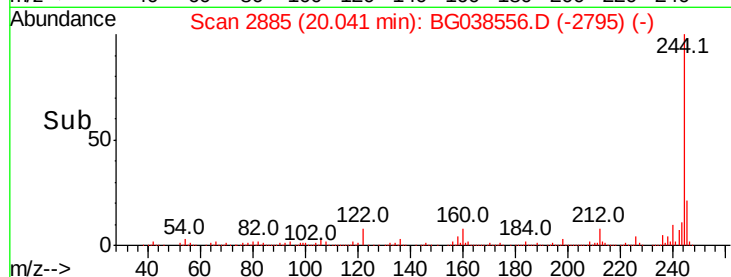
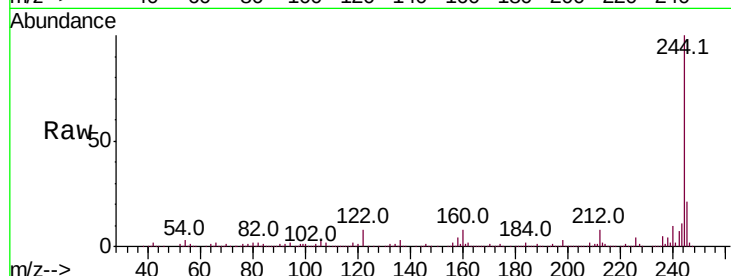
Tot Ion:244 Resp: 802486

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 8.0 6.3 9.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG038556.D

Acq: 14 Dec 2018 6:31

Tgt Ion:264 Resp: 170491

Ion Ratio Lower Upper

264 100

260 22.0 18.9 28.3

265 21.0 17.0 25.4

