

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092418\
 Data File : BG036940.D
 Acq On : 25 Sep 2018 6:11
 Operator : JU/SJ
 Sample : J5023-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-PIT-2

Quant Time: Sep 25 07:35:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	37980	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	165944	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	111095	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	299524	20.00	ng	0.00
75) Chrysene-d12	21.68	240	310260	20.00	ng	0.00
86) Perylene-d12	24.89	264	298501	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	263020	132.81	ng	0.00
7) Phenol-d6	7.20	99	339869	110.92	ng	0.00
23) Nitrobenzene-d5	9.21	82	276272	89.15	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	157762	118.69	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	639584	85.75	ng	0.00
78) Terphenyl-d14	20.02	244	1064701	90.23	ng	0.00

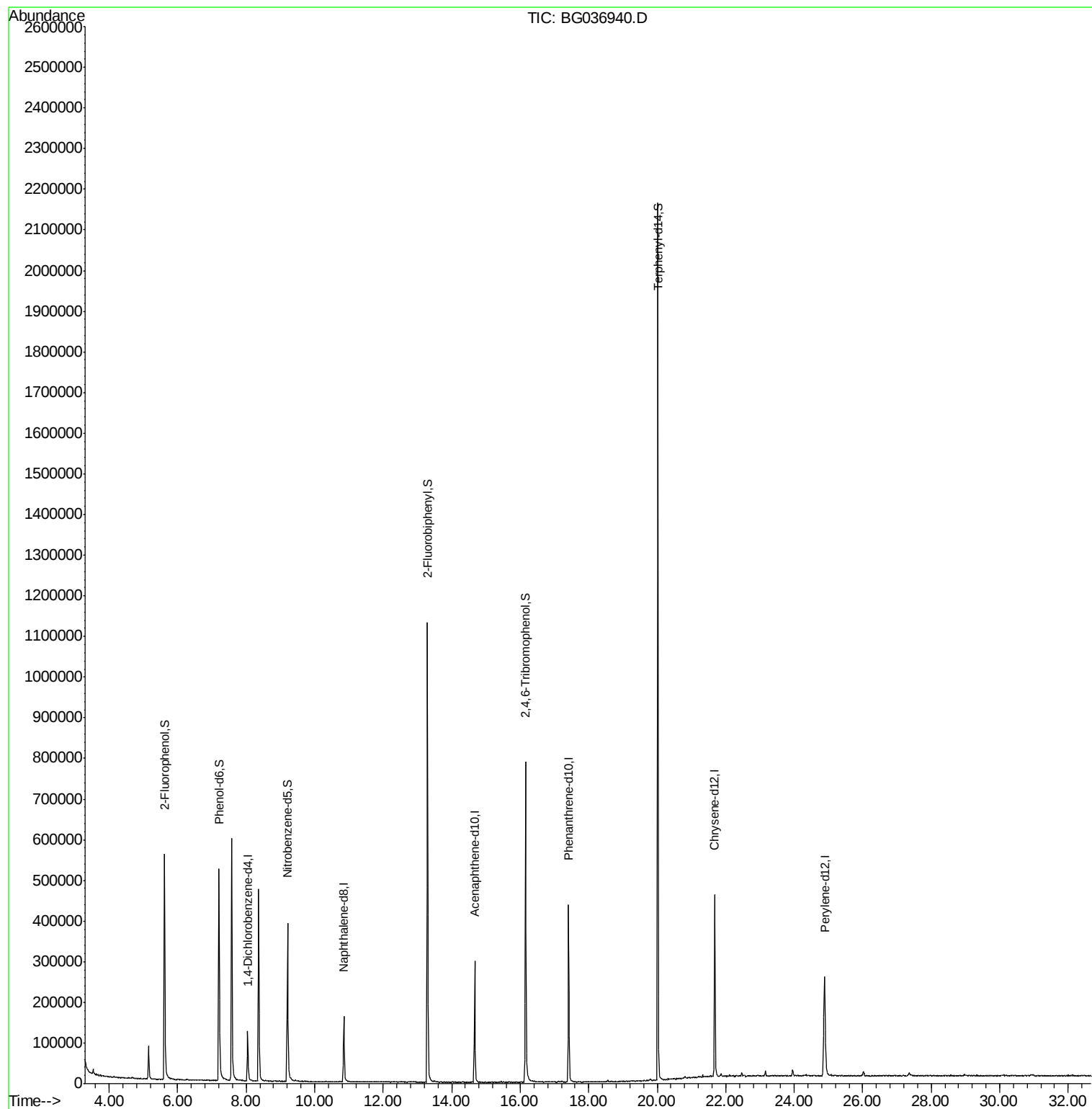
Target Compounds Qvalue

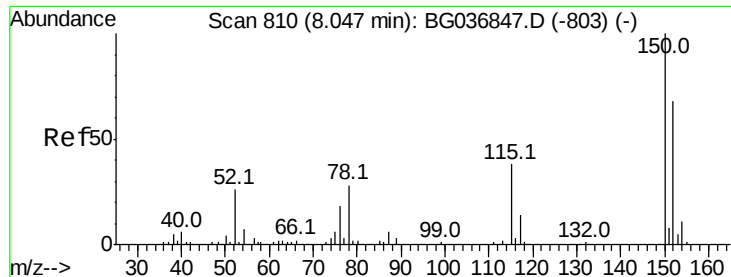
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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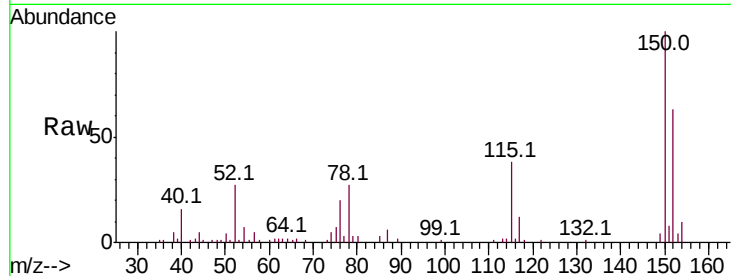


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BG036940.D
 Acq: 25 Sep 2018 6:11

Instrument :
 BNA_G
 ClientSampleId :
 NB-PIT-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	119.5	179.3
115	61.1	44.5	66.7

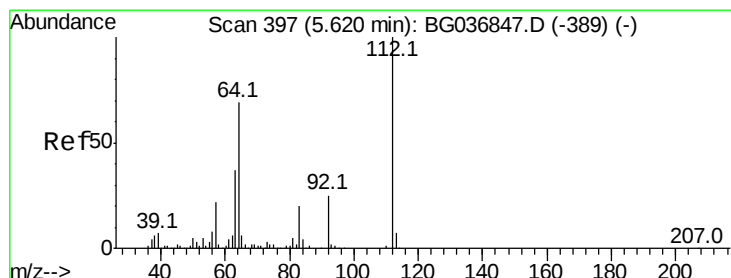
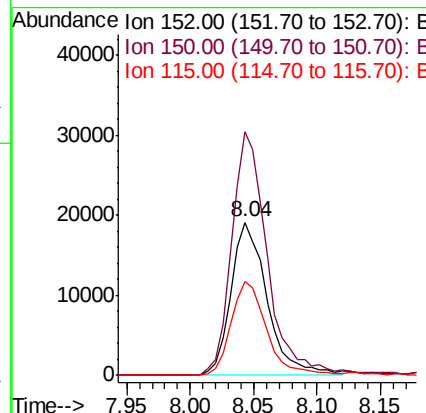
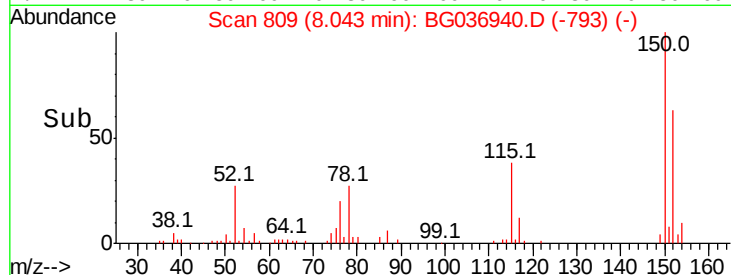


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

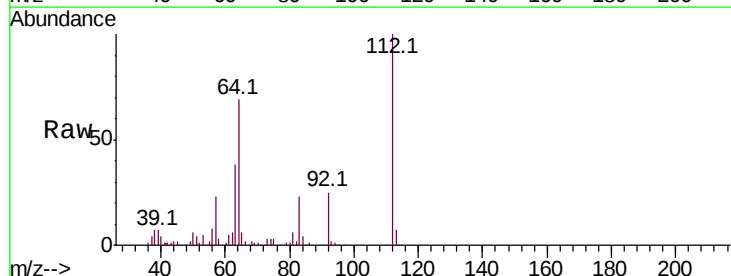
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 132.811 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BG036940.D
 Acq: 25 Sep 2018 6:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	57.2	85.8
63	38.0	30.8	46.2

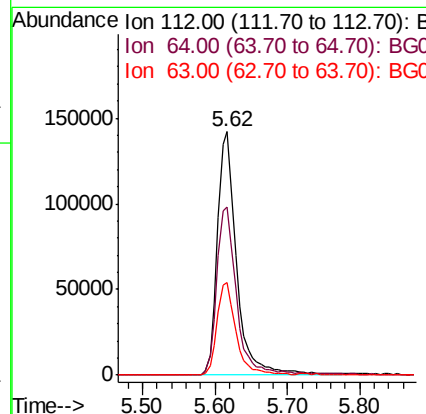
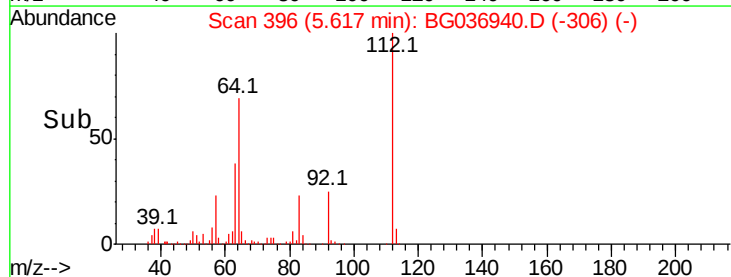


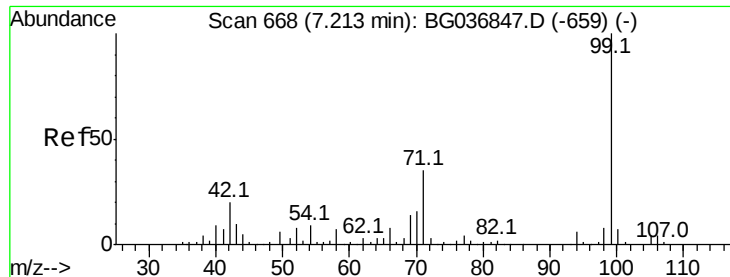
Abundance

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: 110.922 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036940.D

Acq: 25 Sep 2018 6:11

Instrument :

BNA_G

ClientSampleId :

NB-PIT-2

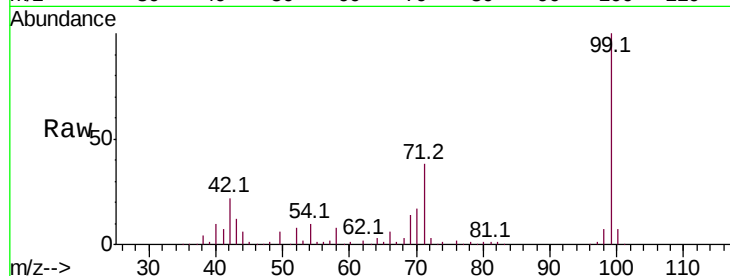
Tot Ion: 99 Resp: 339869

Ion Ratio Lower Upper

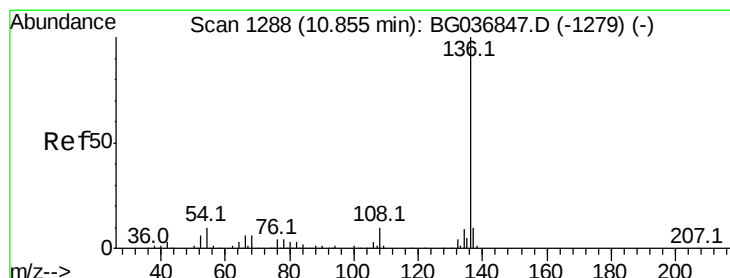
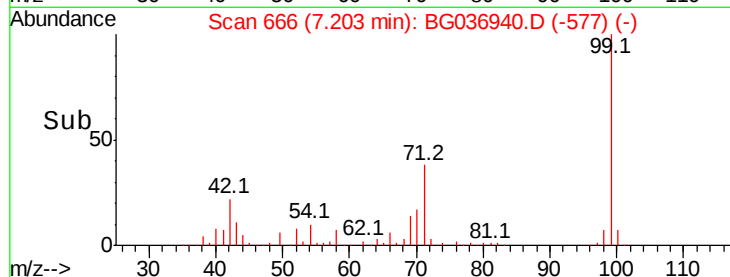
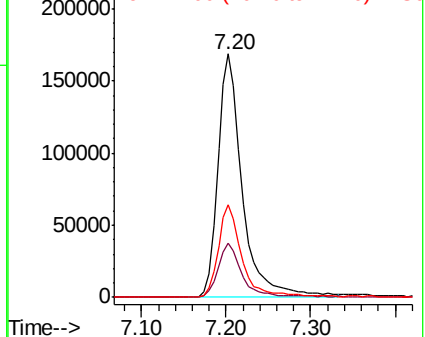
99 100

42 22.2 16.5 24.7

71 38.2 29.4 44.2



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# 1286

Delta R.T. -0.01 min

Lab File: BG036940.D

Acq: 25 Sep 2018 6:11

Tgt Ion: 136 Resp: 165944

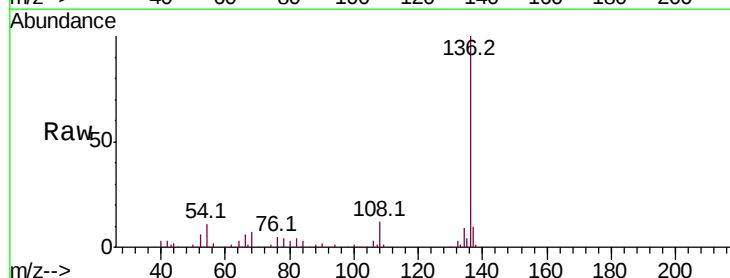
Ion Ratio Lower Upper

136 100

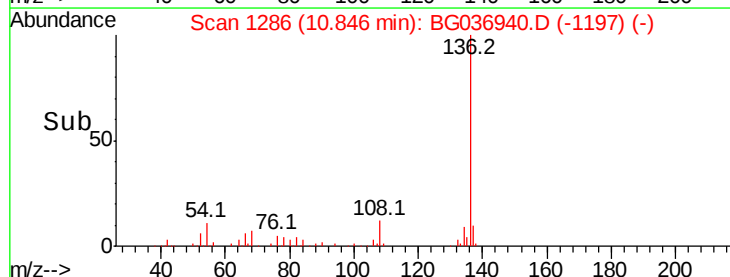
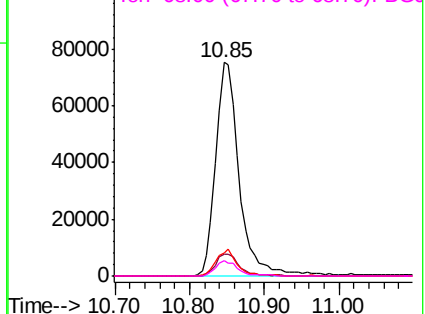
137 10.5 8.8 13.2

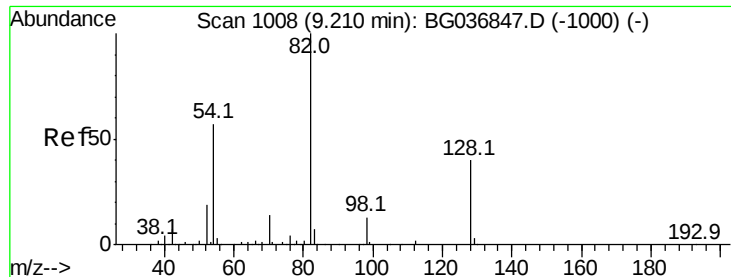
54 10.9 9.2 13.8

68 7.0 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

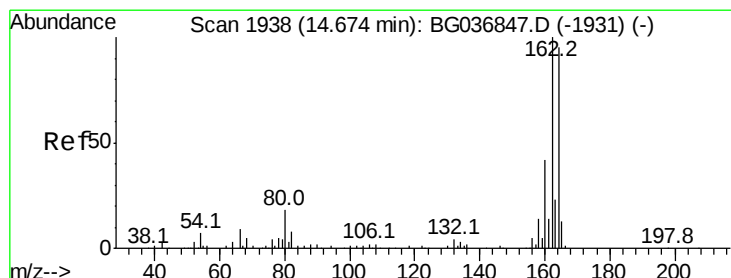
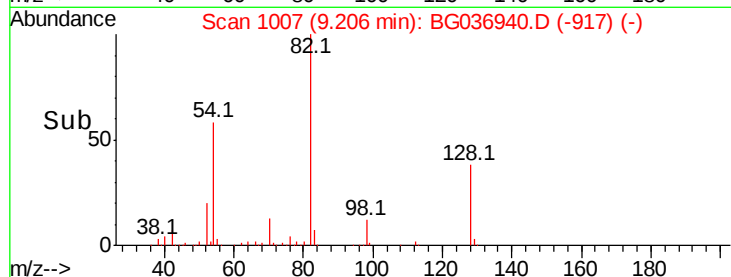
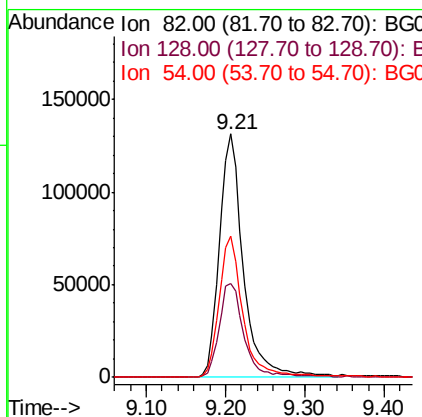
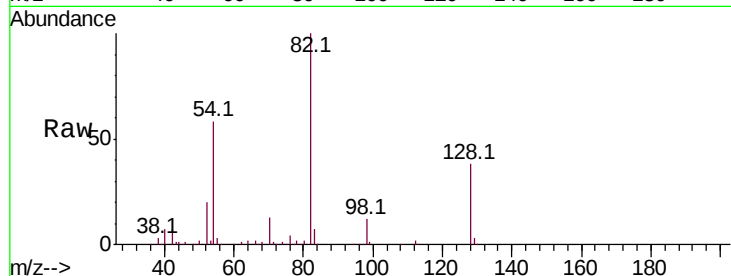




#23
Nitrobenzene-d5
Concen: 89.154 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG036940.D
Acq: 25 Sep 2018 6:11

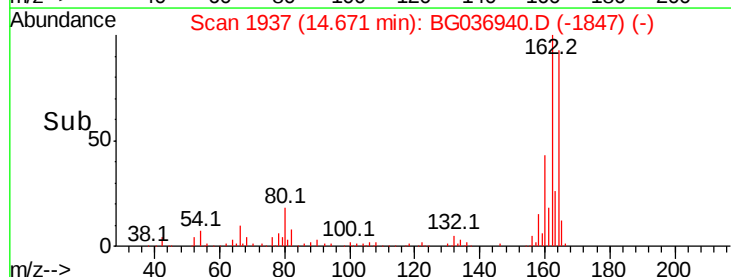
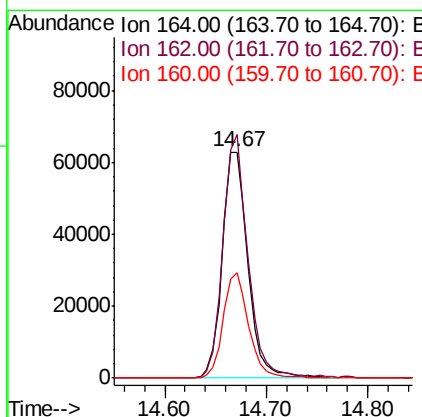
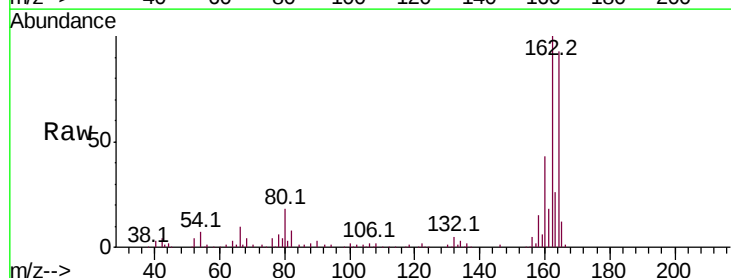
Instrument :
BNA_G
ClientSampleId :
NB-PIT-2

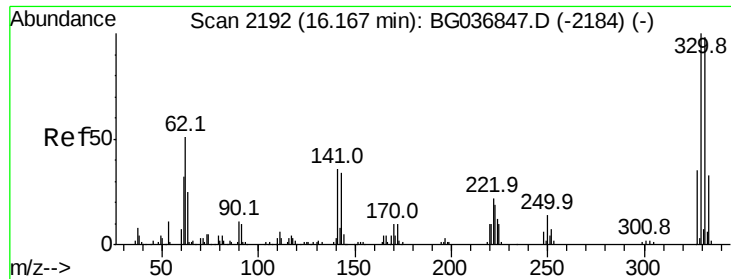
Tot Ion	82	Resp	276272
Ion Ratio	Lower	Upper	
82	100		
128	38.4	33.3	49.9
54	58.2	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG036940.D
Acq: 25 Sep 2018 6:11

Tgt Ion	164	Resp	111095
Ion Ratio	Lower	Upper	
164	100		
162	107.7	80.7	121.1
160	46.5	35.3	52.9

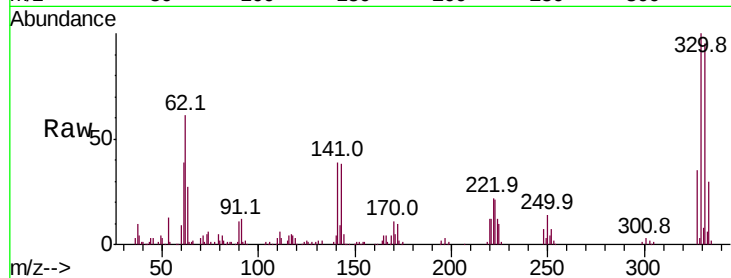




#41
 2,4,6-Tribromophenol
 Concen: 118.691 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036940.D
 Acq: 25 Sep 2018 6:11

Instrument :
 BNA_G
 ClientSampleId :
 NB-PIT-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.4	113.2
141	38.5	30.7	46.1

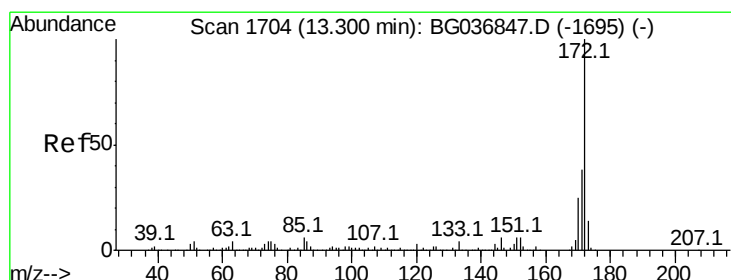
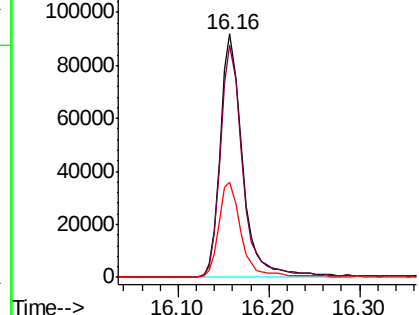
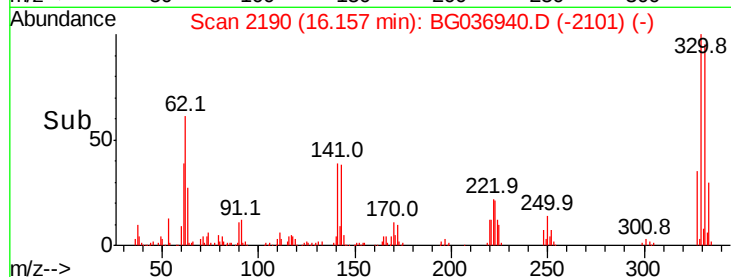


Abundance

Ion 329.80 (329.50 to 330.50): E

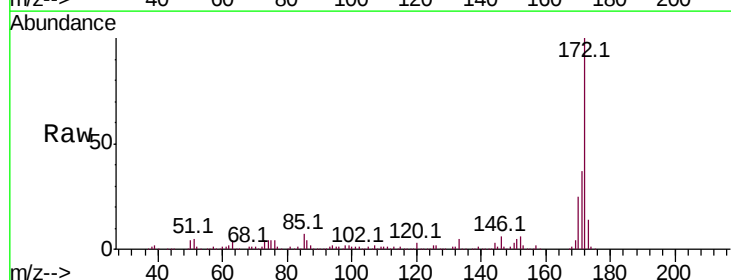
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.746 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036940.D
 Acq: 25 Sep 2018 6:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.3	46.9
170	24.5	21.0	31.6

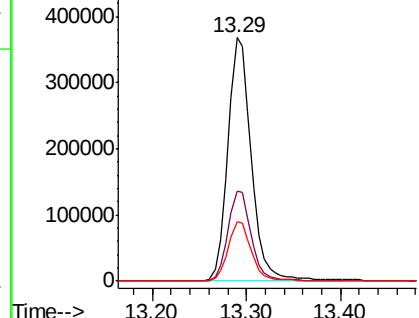
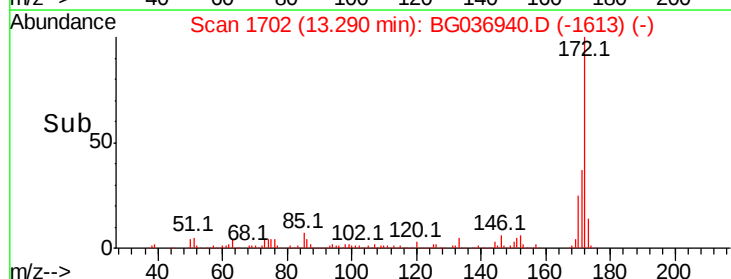


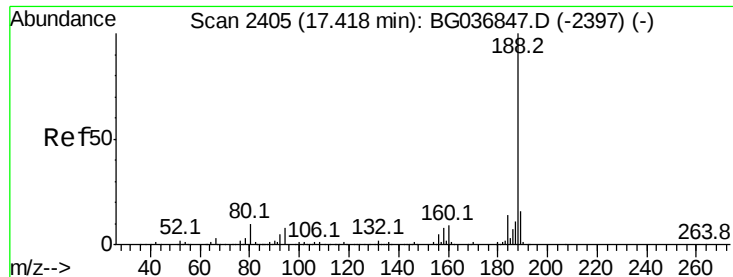
Abundance

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

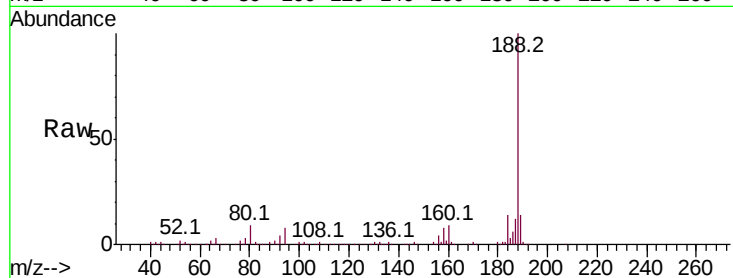




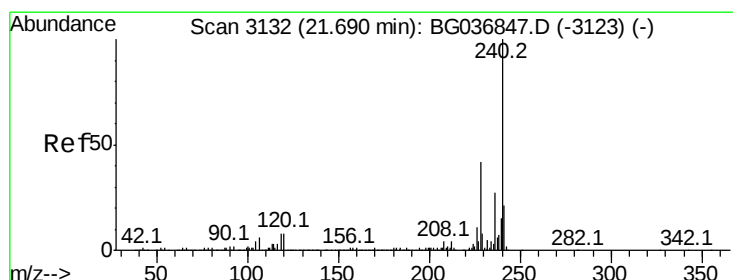
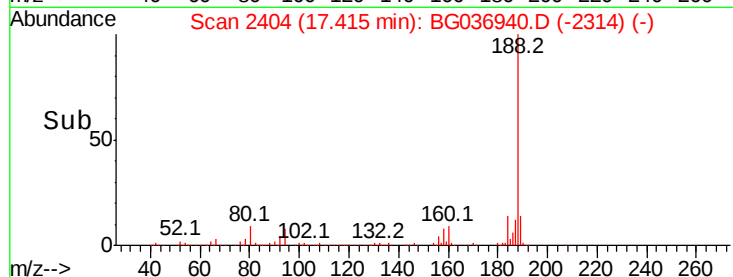
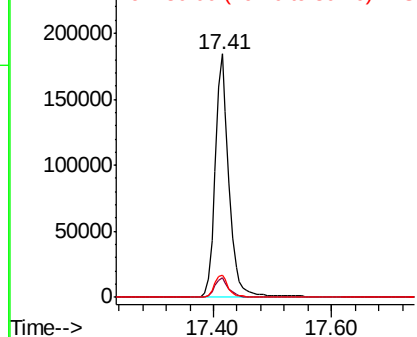
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BG036940.D
Acq: 25 Sep 2018 6:11

Instrument :
BNA_G
ClientSampleId :
NB-PIT-2

Tot Ion:188 Resp: 299524
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 9.0 8.1 12.1

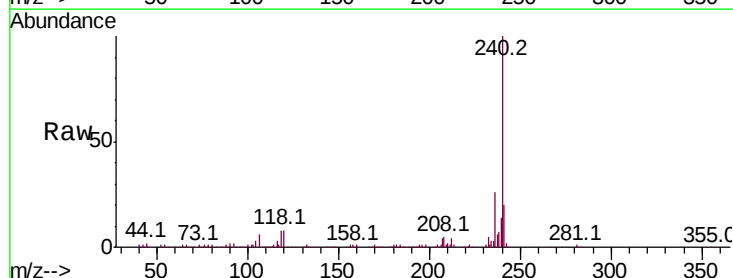


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

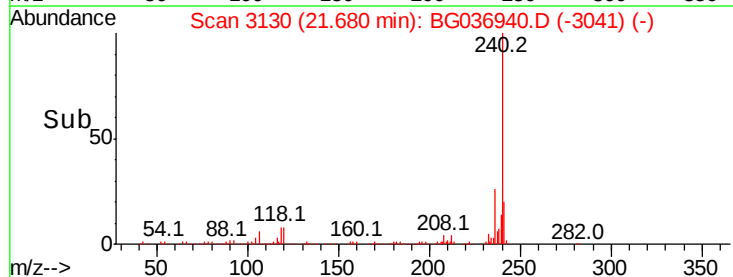
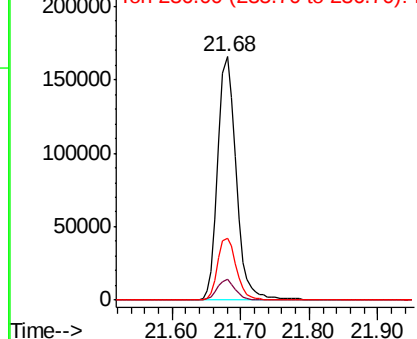


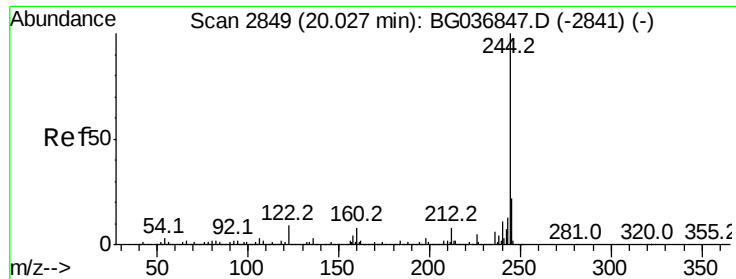
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036940.D
Acq: 25 Sep 2018 6:11

Tgt Ion:240 Resp: 310260
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 25.7 21.2 31.8



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





#78

Terphenyl-d14

Concen: 90.235 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG036940.D

Acq: 25 Sep 2018 6:11

Instrument :

BNA_G

ClientSampleId :

NB-PIT-2

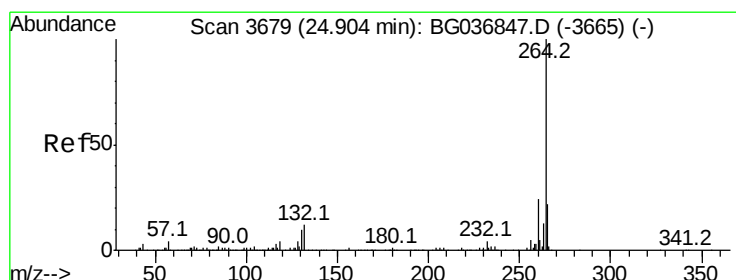
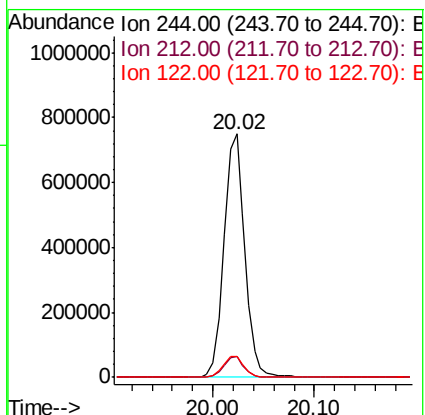
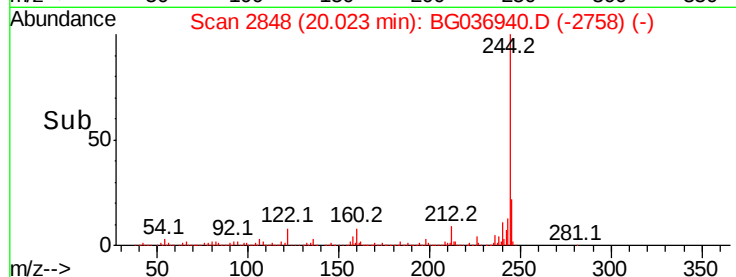
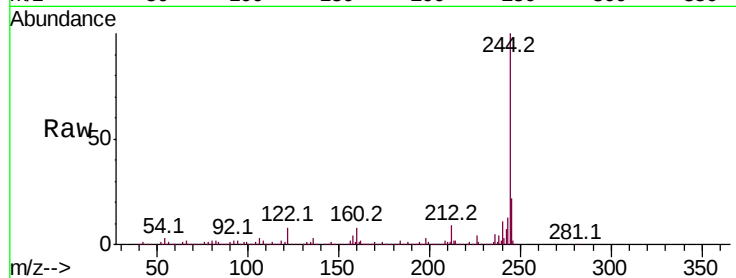
Tot Ion:244 Resp: 1064701

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	8.5	7.1	10.7

244 100

212 8.5 7.0 10.6

122 8.5 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.02 min

Lab File: BG036940.D

Acq: 25 Sep 2018 6:11

Tgt Ion:264 Resp: 298501

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.4	17.4	26.0

264 100

260 24.1 19.6 29.4

265 21.4 17.4 26.0

