

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092418\
 Data File : BG036928.D
 Acq On : 24 Sep 2018 21:45
 Operator : JU/SJ
 Sample : J4770-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-E

Quant Time: Sep 25 07:21:28 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	39576	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	169669	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	114410	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	299476	20.00	ng	0.00
75) Chrysene-d12	21.68	240	312062	20.00	ng	-0.01
86) Perylene-d12	24.89	264	310002	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	248156	120.25	ng	0.00
7) Phenol-d6	7.20	99	318252	99.68	ng	-0.01
23) Nitrobenzene-d5	9.20	82	264488	83.48	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	159555	116.56	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	615108	80.07	ng	0.00
78) Terphenyl-d14	20.02	244	1137661	95.86	ng	0.00

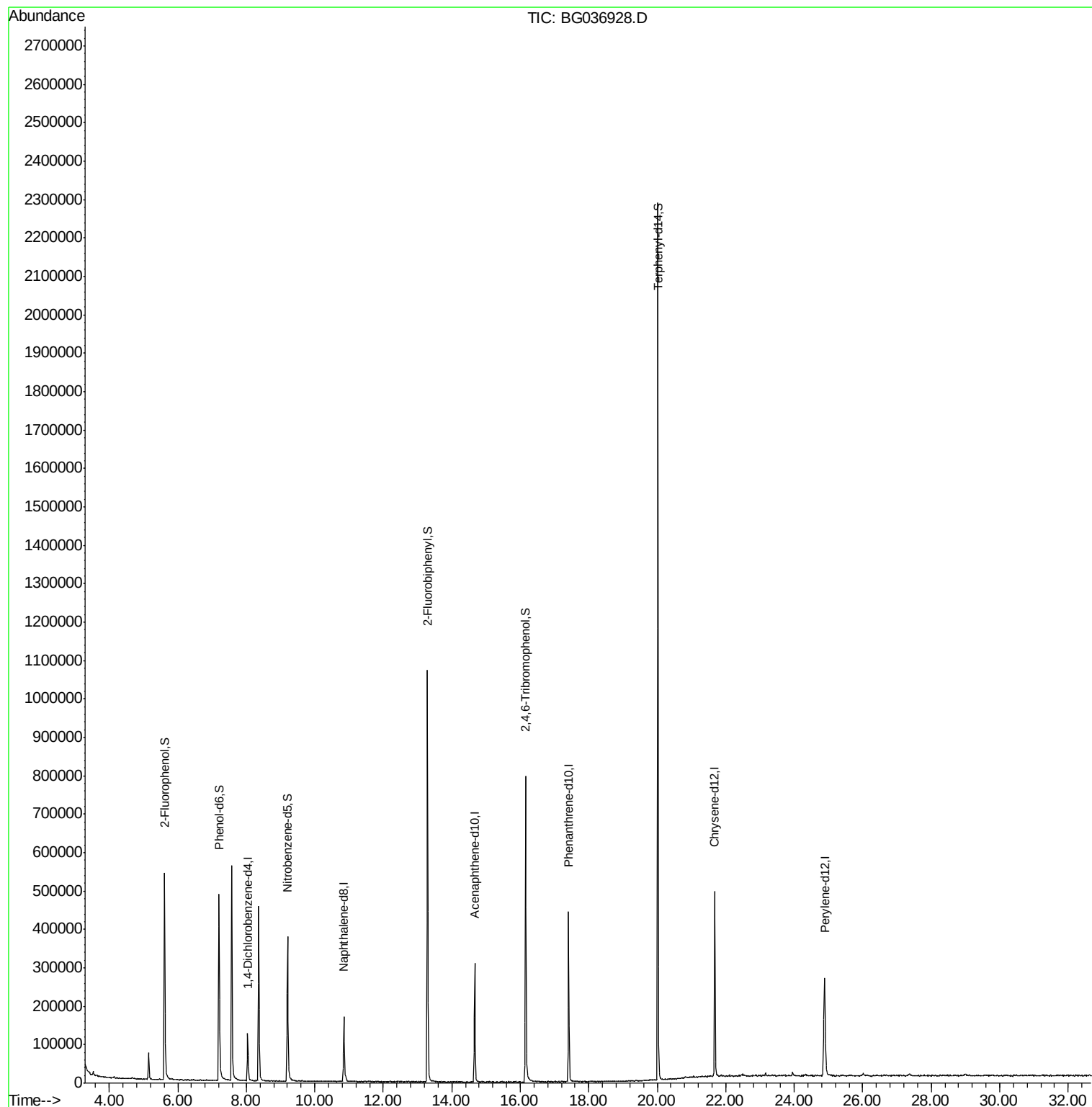
Target Compounds Qvalue

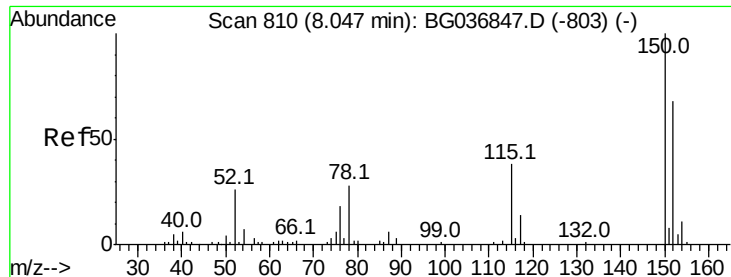
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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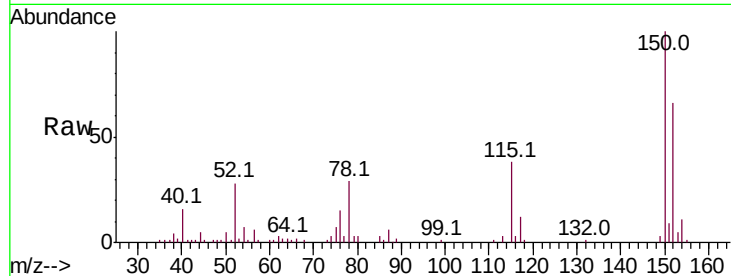


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG036928.D
Acq: 24 Sep 2018 21:45

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-E

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	119.5	179.3
115	58.1	44.5	66.7

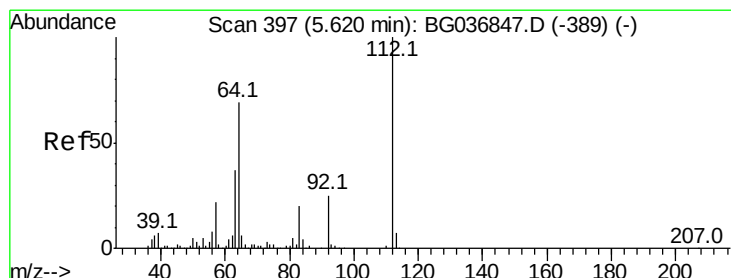
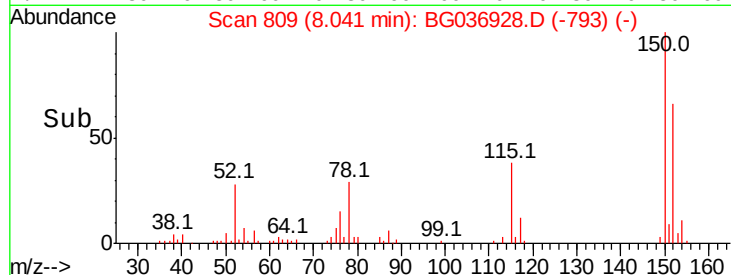
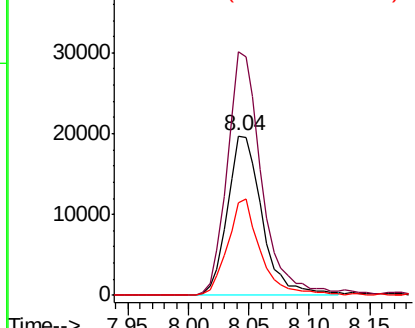


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

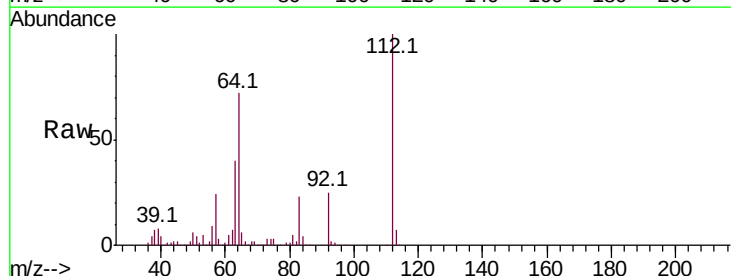
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.252 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036928.D
Acq: 24 Sep 2018 21:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.5	57.2	85.8
63	39.9	30.8	46.2

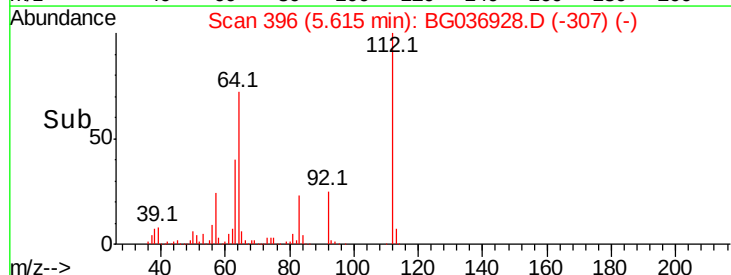
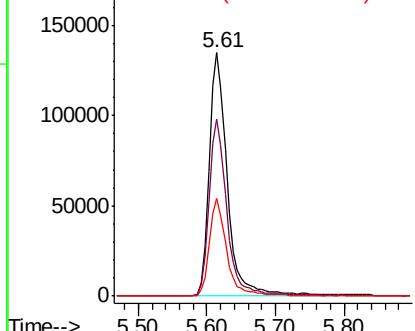


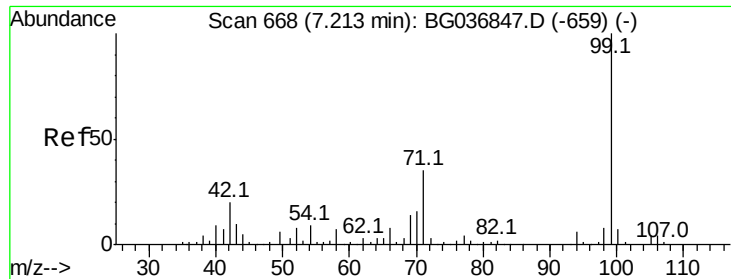
Abundance

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: 99.678 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036928.D

Acq: 24 Sep 2018 21:45

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-E

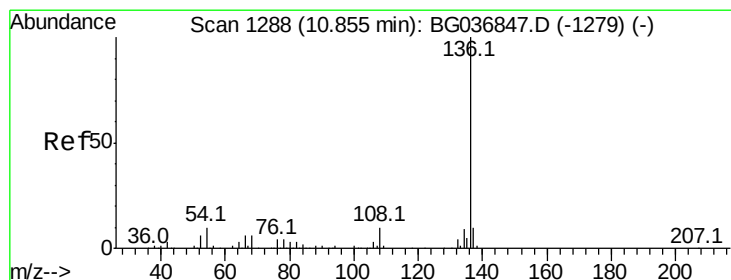
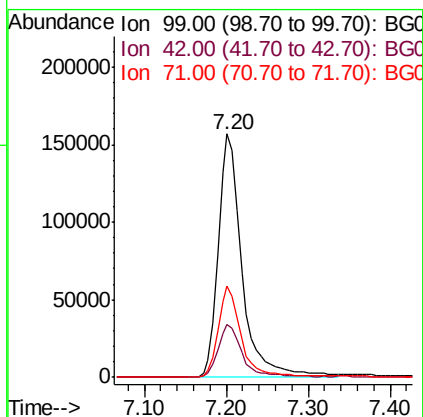
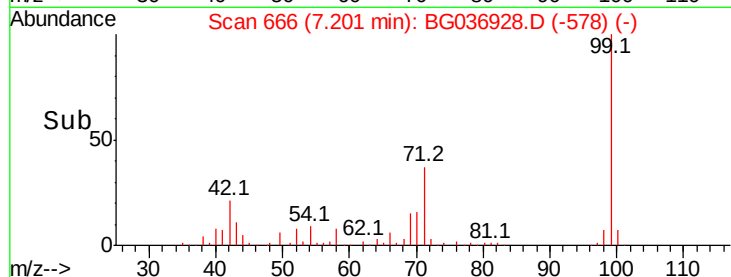
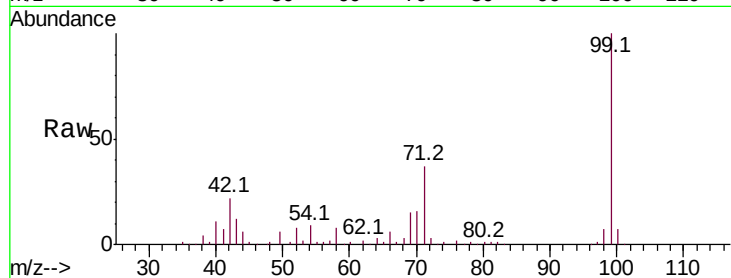
Tot Ion: 99 Resp: 318252

Ion Ratio Lower Upper

99 100

42 21.5 16.5 24.7

71 37.4 29.4 44.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG036928.D

Acq: 24 Sep 2018 21:45

Tgt Ion: 136 Resp: 169669

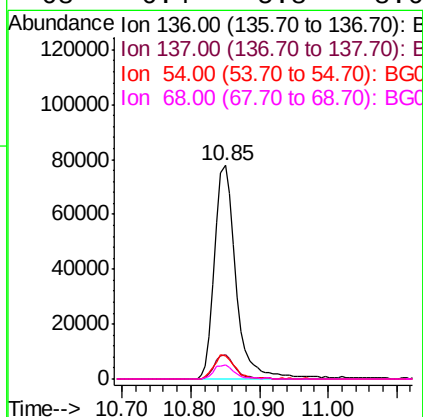
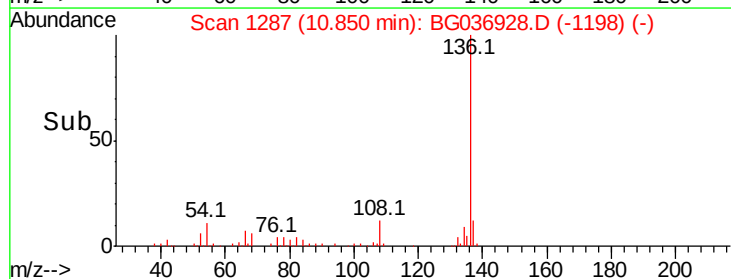
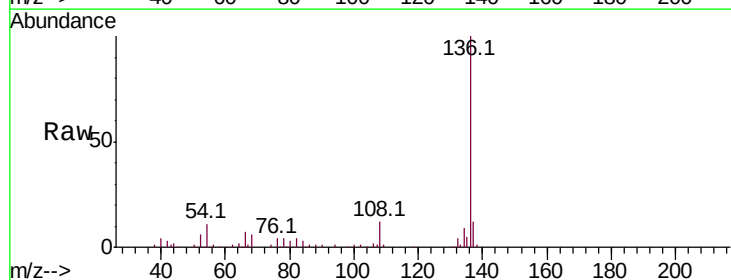
Ion Ratio Lower Upper

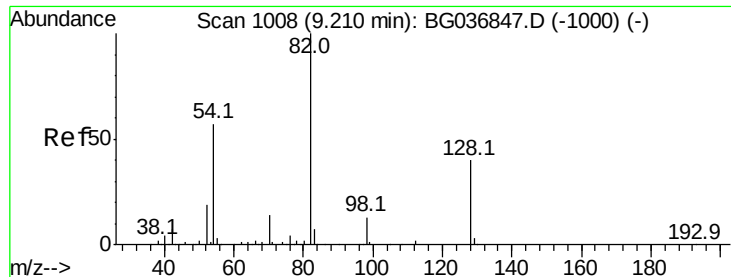
136 100

137 11.6 8.8 13.2

54 10.9 9.2 13.8

68 6.4 5.8 8.6

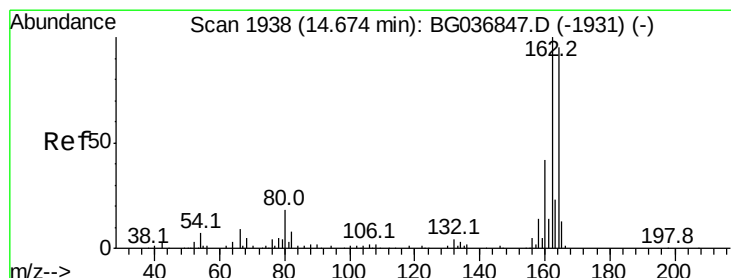
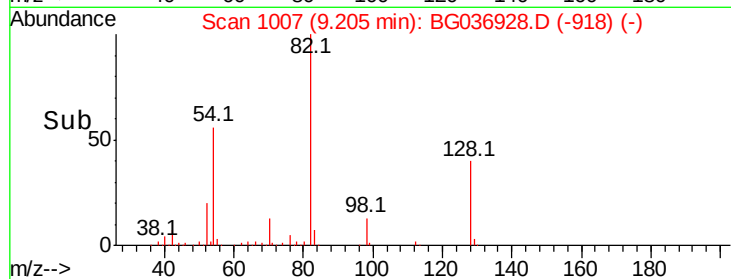
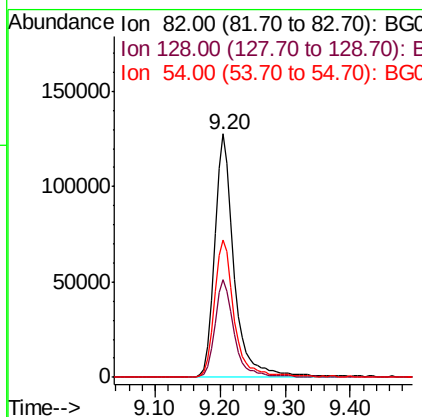
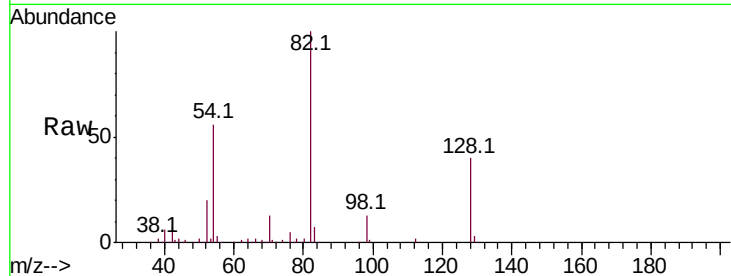




#23
Nitrobenzene-d5
Concen: 83.478 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036928.D
Acq: 24 Sep 2018 21:45

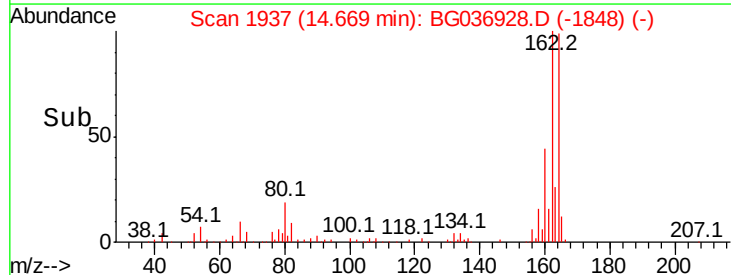
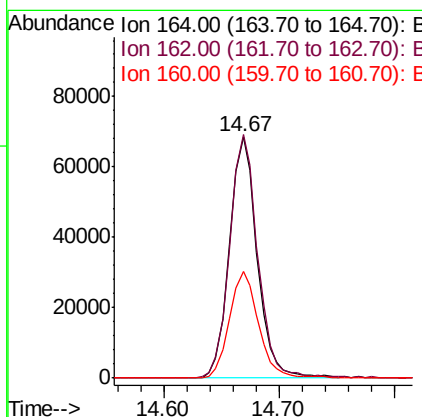
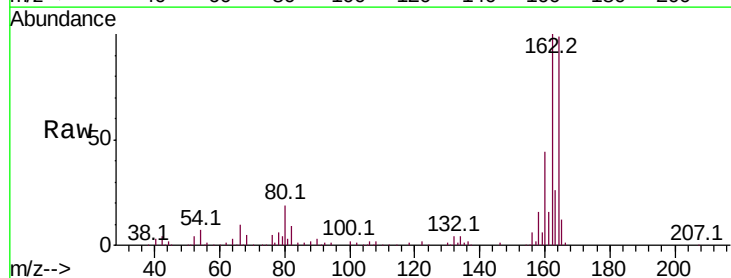
Instrument :
BNA_G
ClientSampleId :
JC-02-092118-E

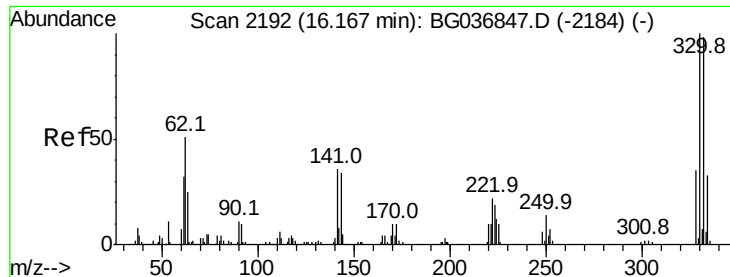
Tot Ion: 82 Resp: 264488
Ion Ratio Lower Upper
82 100
128 40.0 33.3 49.9
54 56.3 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036928.D
Acq: 24 Sep 2018 21:45

Tgt Ion: 164 Resp: 114410
Ion Ratio Lower Upper
164 100
162 101.0 80.7 121.1
160 44.0 35.3 52.9

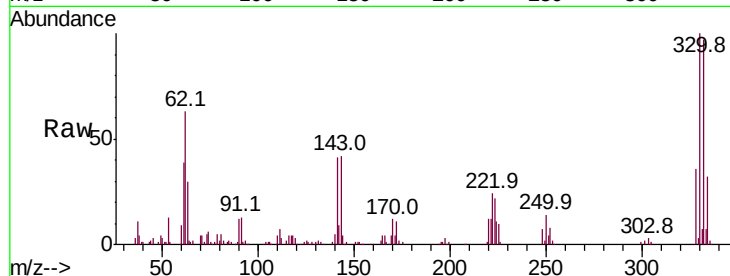




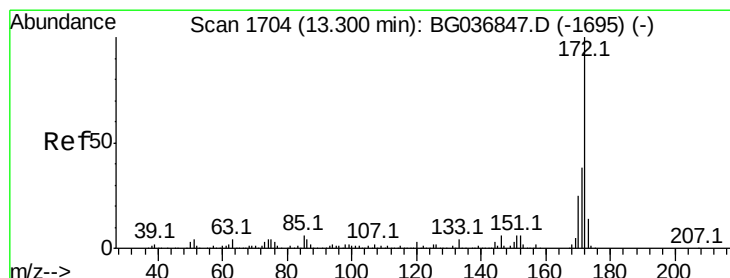
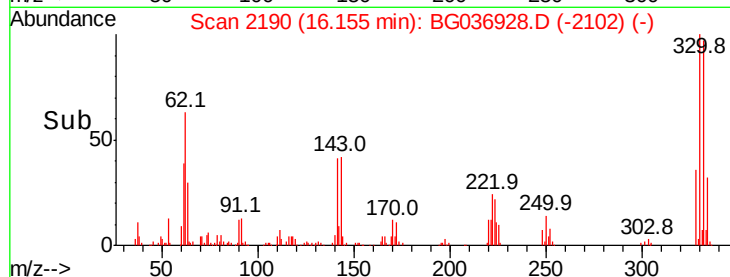
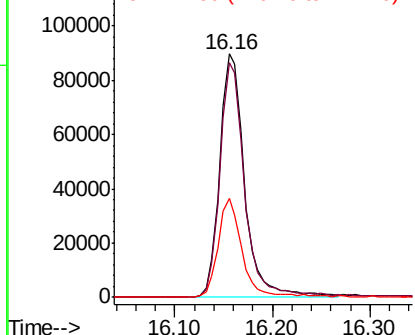
#41
 2,4,6-Tribromophenol
 Concen: 116.562 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036928.D
 Acq: 24 Sep 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-E

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.4	113.2
141	39.0	30.7	46.1

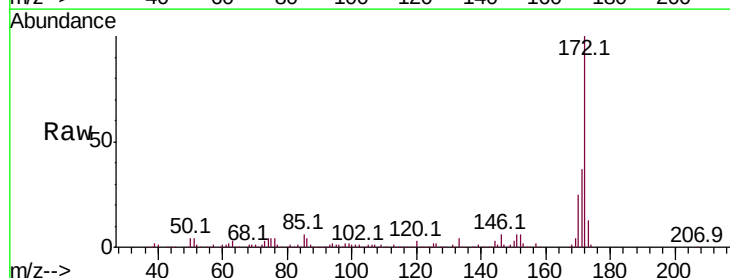


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

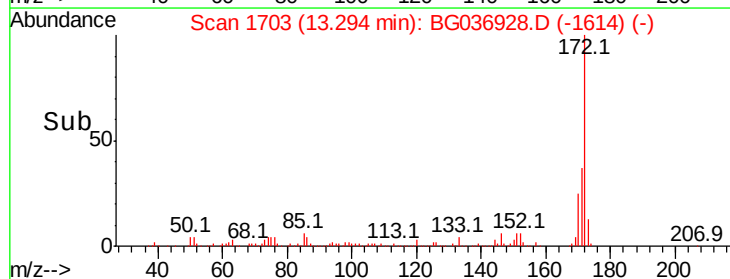
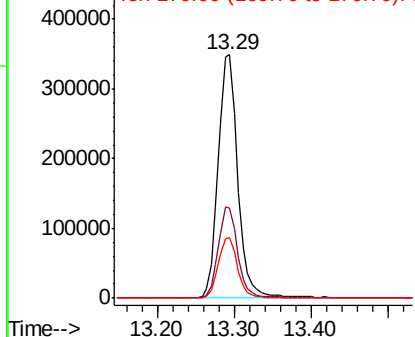


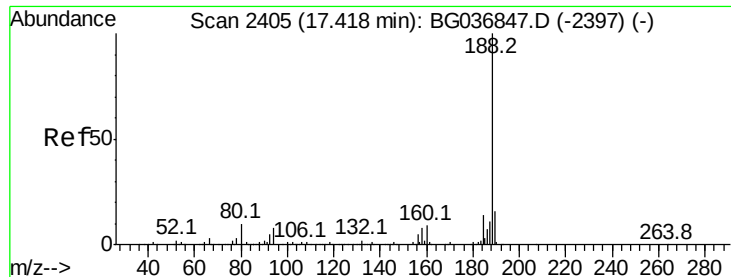
#44
 2-Fluorobiphenyl
 Concen: 80.075 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036928.D
 Acq: 24 Sep 2018 21:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.3	46.9
170	24.8	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

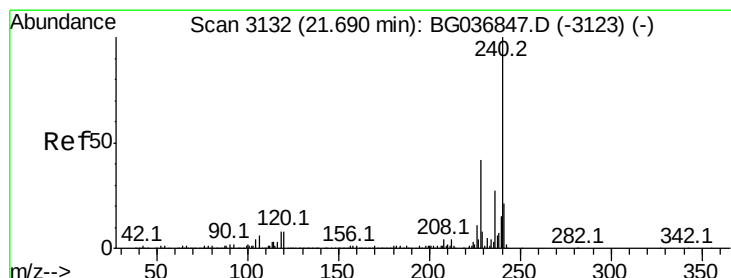
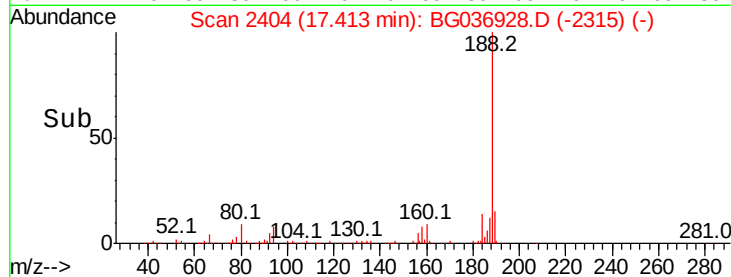
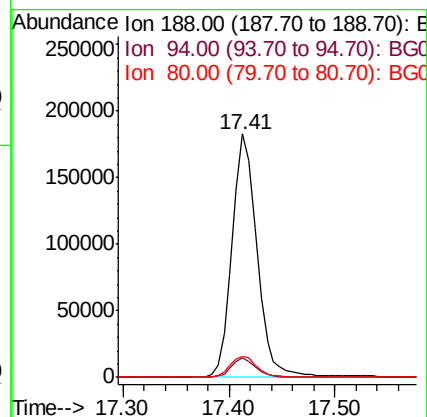
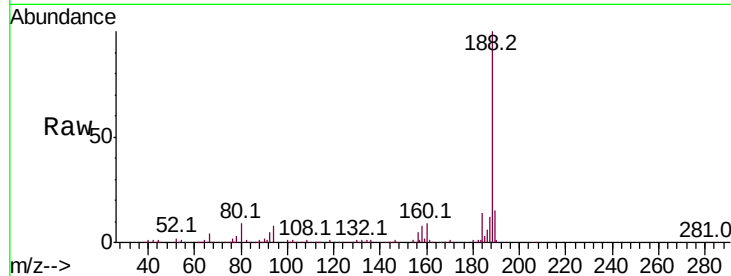




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036928.D
Acq: 24 Sep 2018 21:45

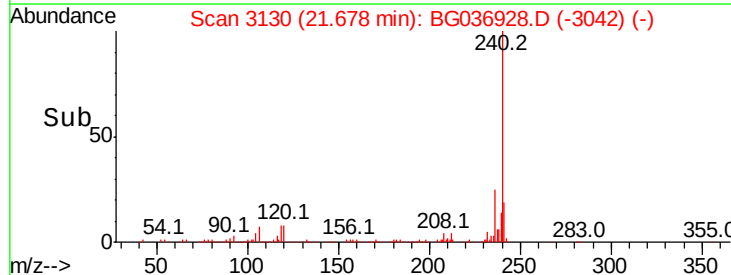
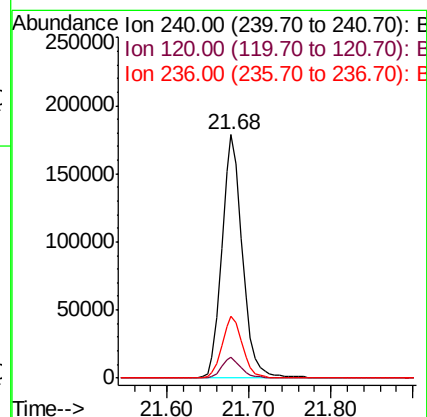
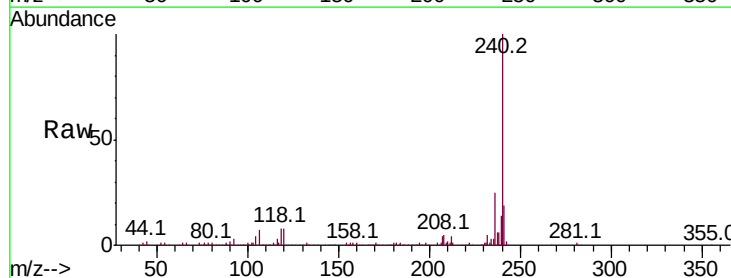
Instrument :
BNA_G
ClientSampleId :
JC-02-092118-E

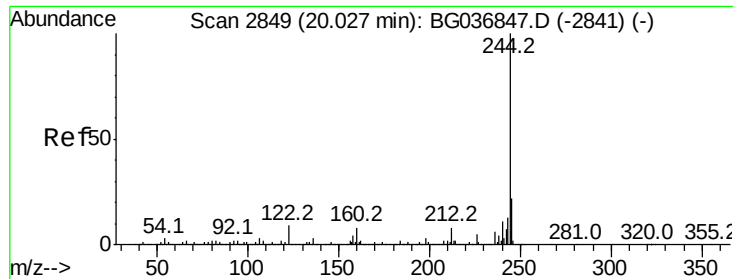
Tot Ion:188 Resp: 299476
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.5 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036928.D
Acq: 24 Sep 2018 21:45

Tgt Ion:240 Resp: 312062
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 25.3 21.2 31.8



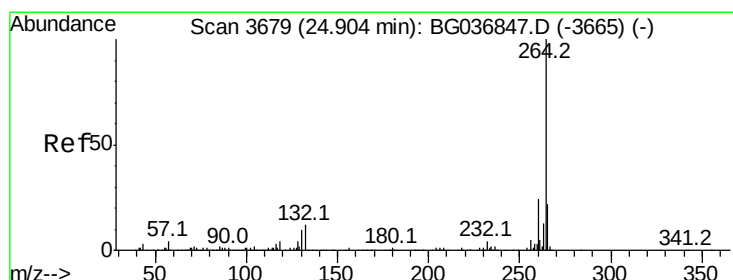
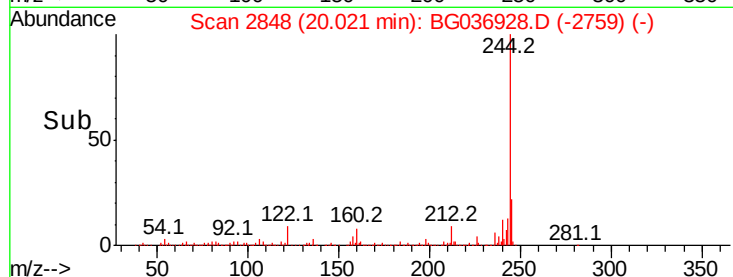
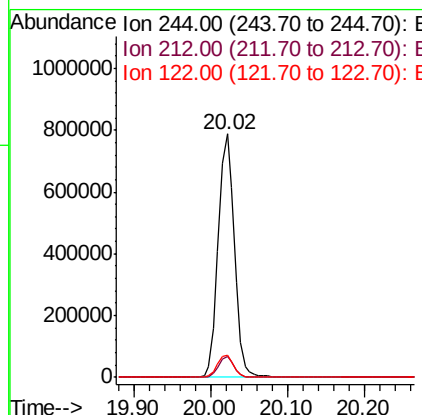
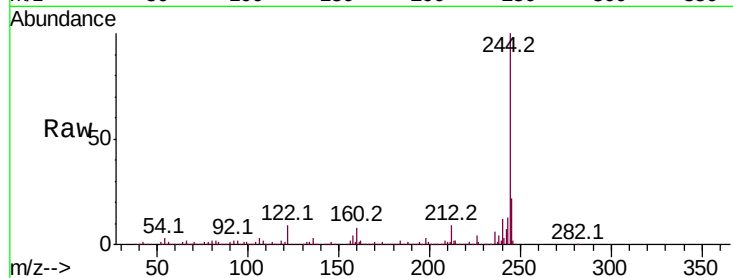


#78
 Terphenyl-d14
 Concen: 95.861 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036928.D
 Acq: 24 Sep 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-E

Tot Ion:244 Resp: 1137661

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	8.9	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: BG036928.D
 Acq: 24 Sep 2018 21:45

Tgt Ion:264 Resp: 310002

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	21.6	17.4	26.0

