

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092418\
 Data File : BG036927.D
 Acq On : 24 Sep 2018 21:06
 Operator : JU/SJ
 Sample : J4770-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Sep 25 07:20:50 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	8.05	152	39258	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	168596	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	113773	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	294740	20.00	ng	0.00
75) Chrysene-d12	21.68	240	311951	20.00	ng	-0.01
86) Perylene-d12	24.88	264	307299	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	228115	111.44	ng	0.00
7) Phenol-d6	7.20	99	285425	90.12	ng	-0.01
23) Nitrobenzene-d5	9.21	82	236395	75.09	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	141622	104.04	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	554310	72.56	ng	0.00
78) Terphenyl-d14	20.02	244	1017883	85.80	ng	0.00

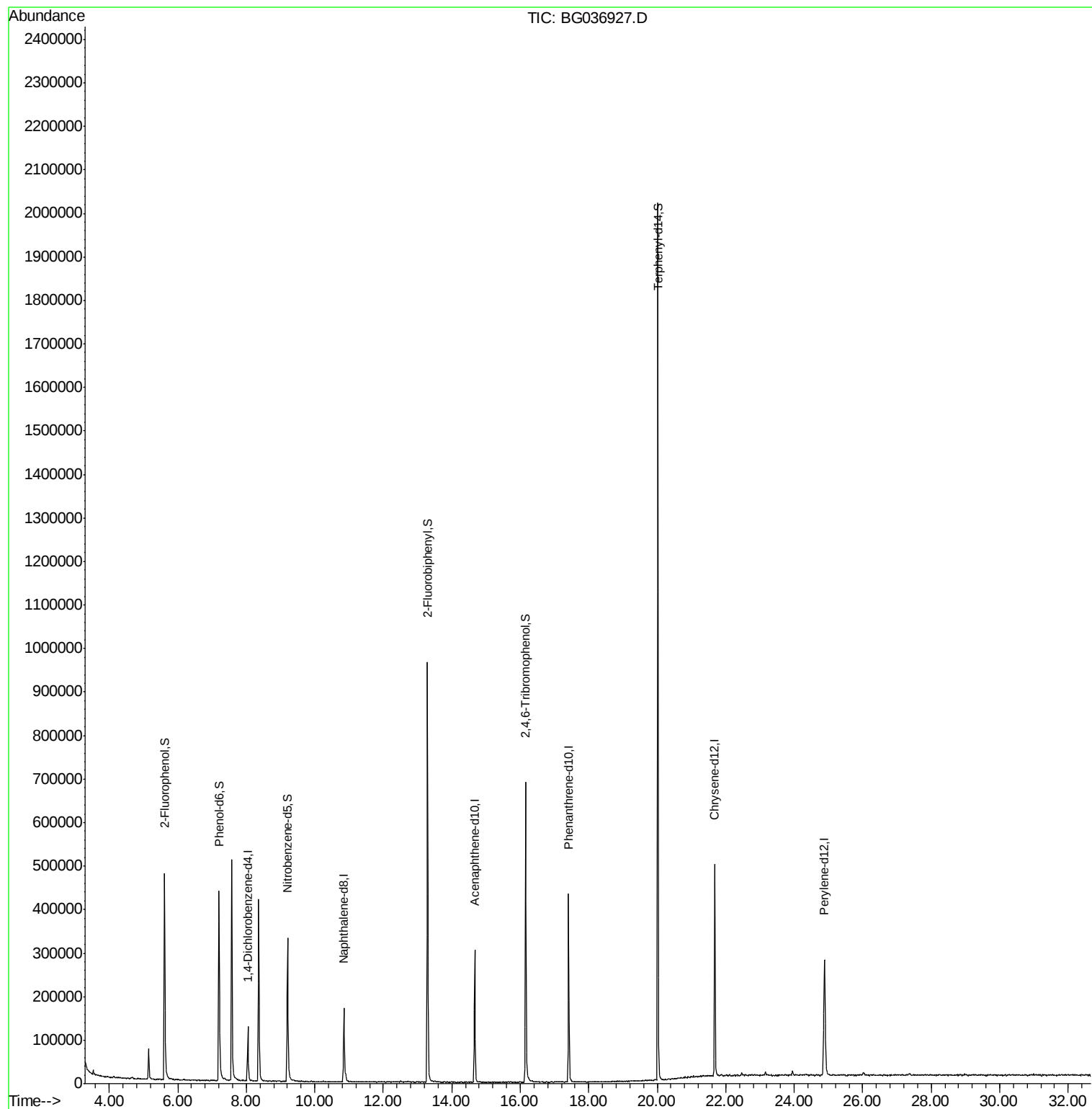
Target Compounds Qvalue

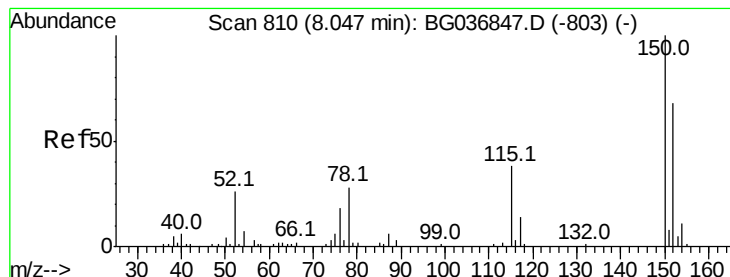
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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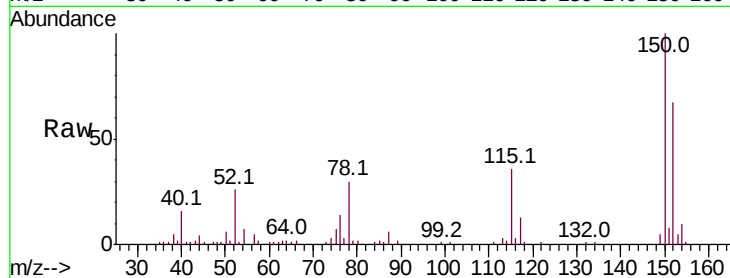


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BG036927.D
 Acq: 24 Sep 2018 21:06

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	119.5	179.3
115	53.4	44.5	66.7

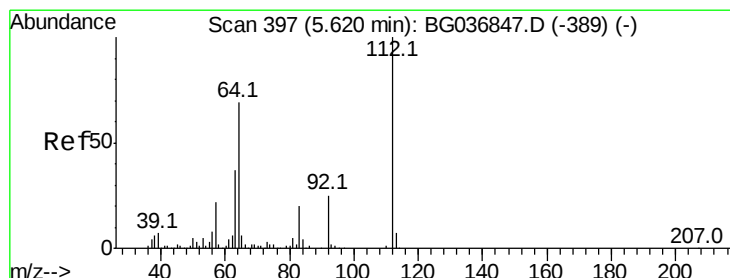
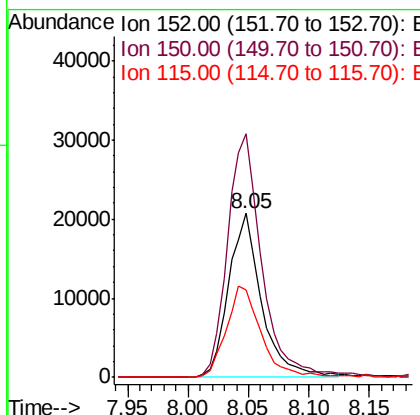
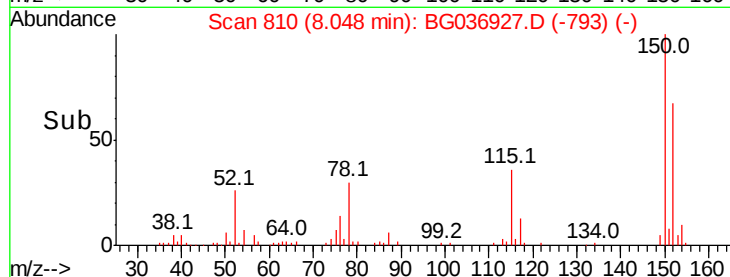


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

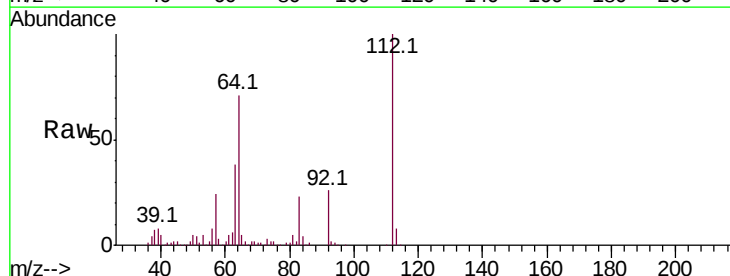
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 111.436 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG036927.D
 Acq: 24 Sep 2018 21:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.0	57.2	85.8
63	37.7	30.8	46.2

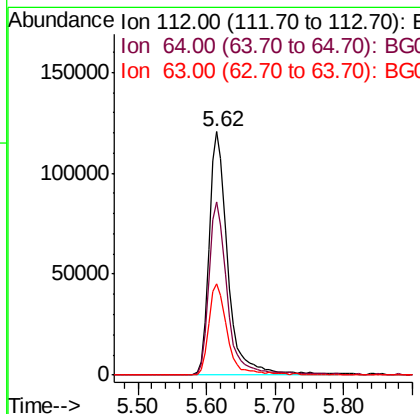
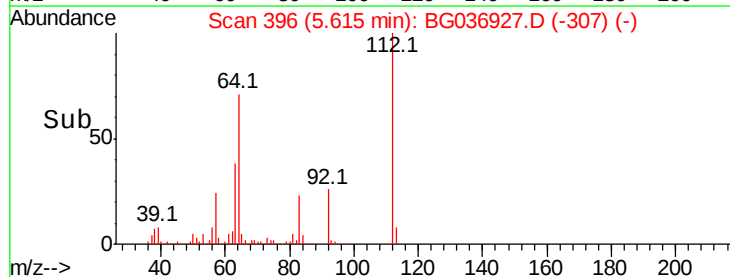


Abundance

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: 90.121 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036927.D

Acq: 24 Sep 2018 21:06

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-D

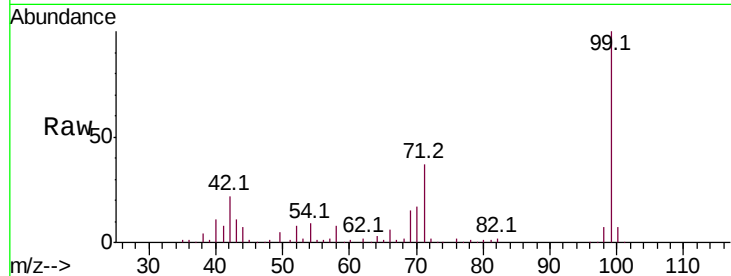
Tot Ion: 99 Resp: 285425

Ion Ratio Lower Upper

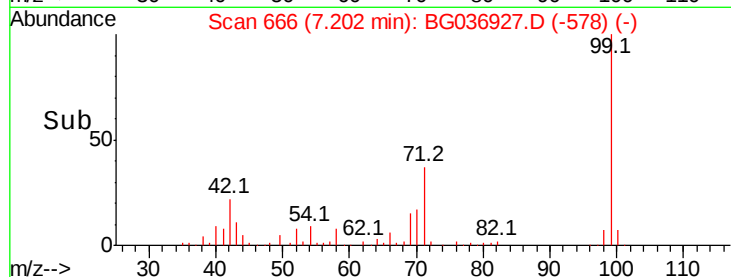
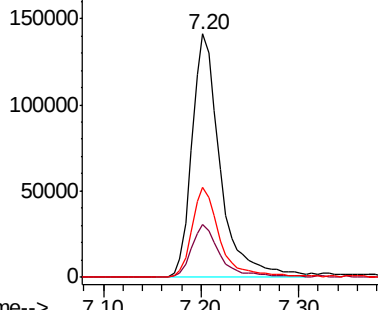
99 100

42 21.7 16.5 24.7

71 37.1 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# 1287

Delta R.T. -0.01 min

Lab File: BG036927.D

Acq: 24 Sep 2018 21:06

Tgt Ion: 136 Resp: 168596

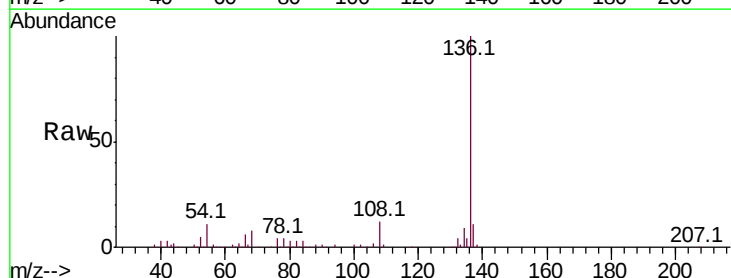
Ion Ratio Lower Upper

136 100

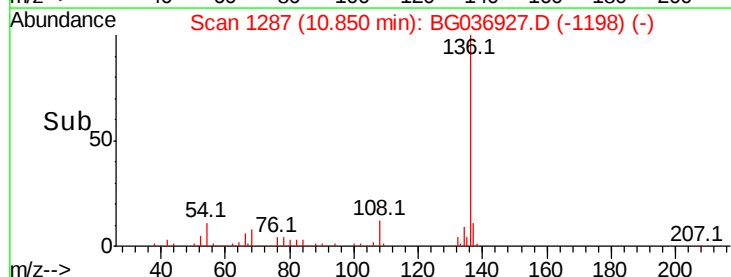
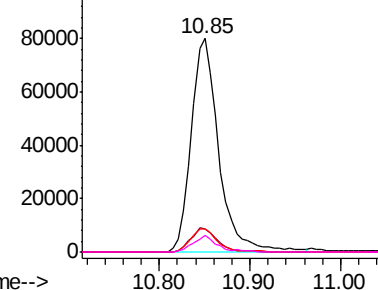
137 10.7 8.8 13.2

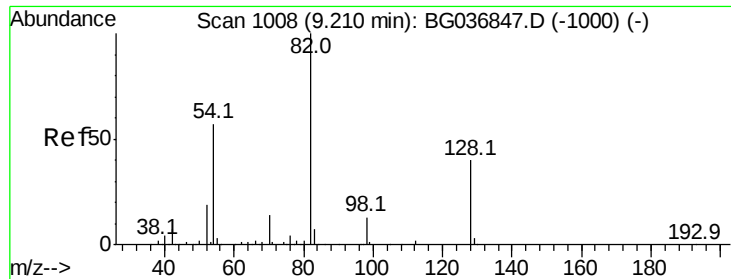
54 10.8 9.2 13.8

68 7.8 5.8 8.6



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

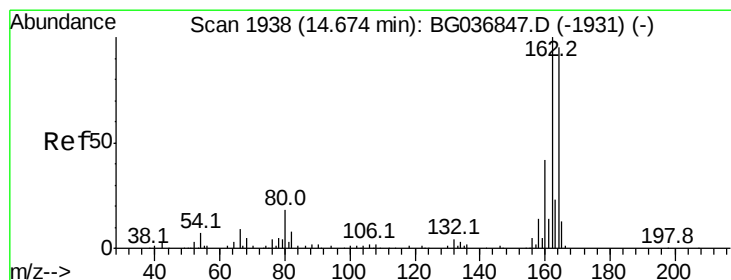
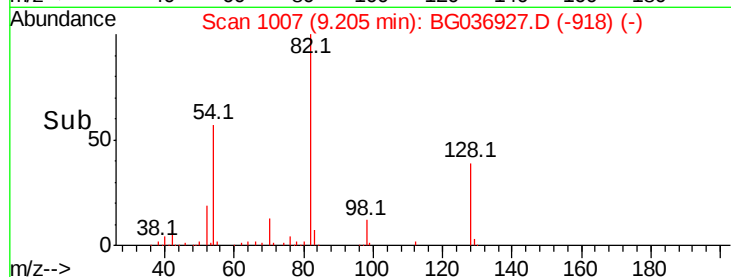
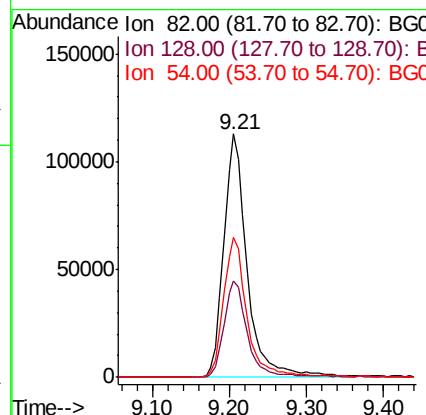
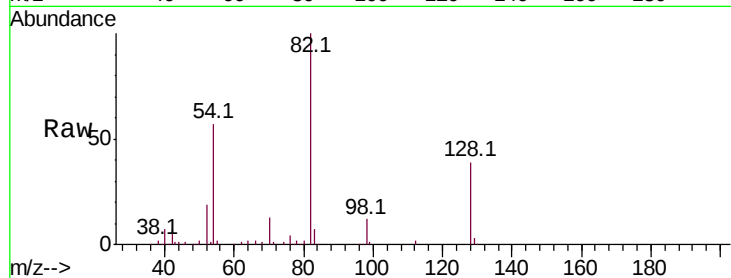




#23
 Nitrobenzene-d5
 Concen: 75.086 ng
 RT: 9.21 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG036927.D
 Acq: 24 Sep 2018 21:06

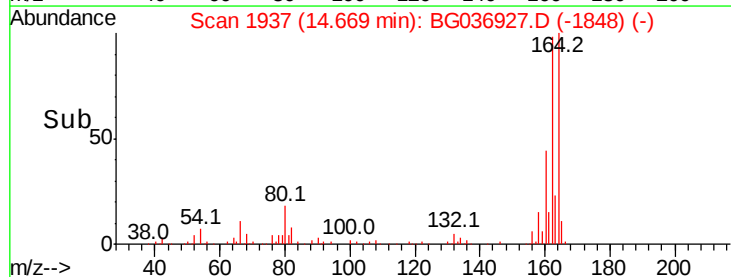
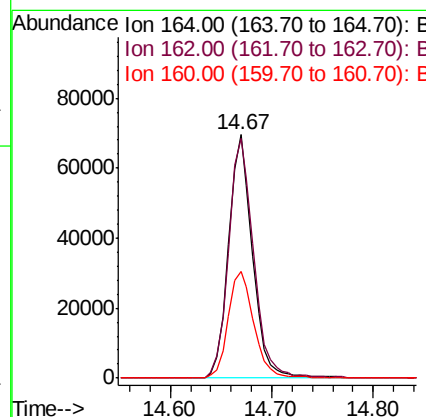
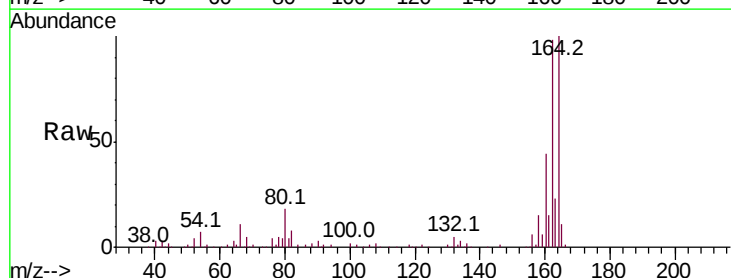
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-D

Tot Ion	82	Resp	236395
Ion Ratio	Lower	Upper	
82	100		
128	39.4	33.3	49.9
54	57.3	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: BG036927.D
 Acq: 24 Sep 2018 21:06

Tgt Ion	164	Resp	113773
Ion Ratio	Lower	Upper	
164	100		
162	98.3	80.7	121.1
160	43.6	35.3	52.9





#41

2,4,6-Tribromophenol

Concen: 104.040 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036927.D

Acq: 24 Sep 2018 21:06

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-D

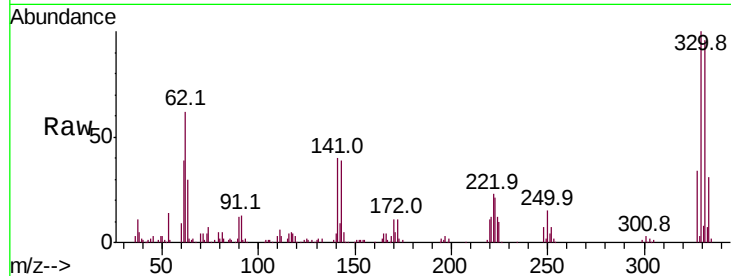
Tot Ion:330 Resp: 141622

Ion Ratio Lower Upper

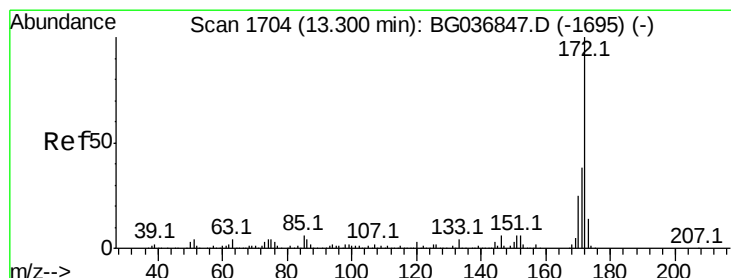
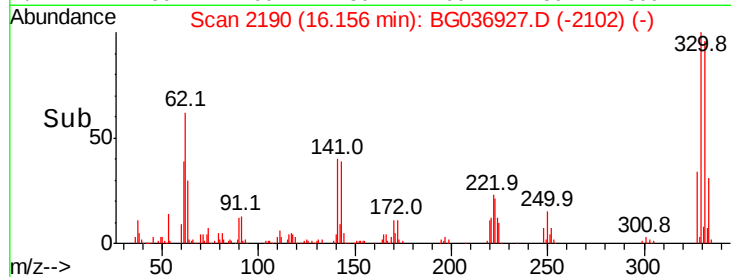
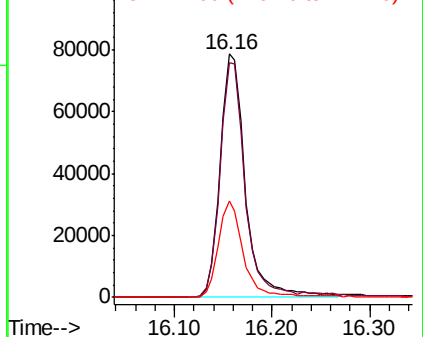
330 100

332 94.1 75.4 113.2

141 39.7 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: 72.564 ng

RT: 13.29 min Scan# 1703

Delta R.T. -0.01 min

Lab File: BG036927.D

Acq: 24 Sep 2018 21:06

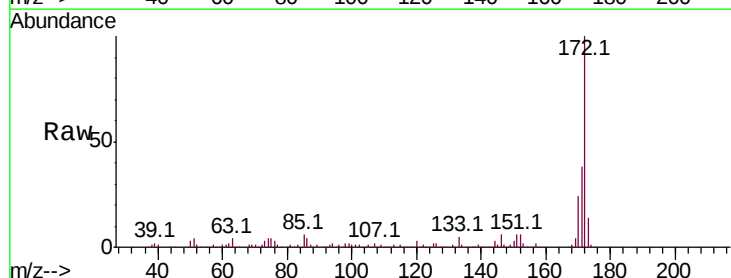
Tgt Ion:172 Resp: 554310

Ion Ratio Lower Upper

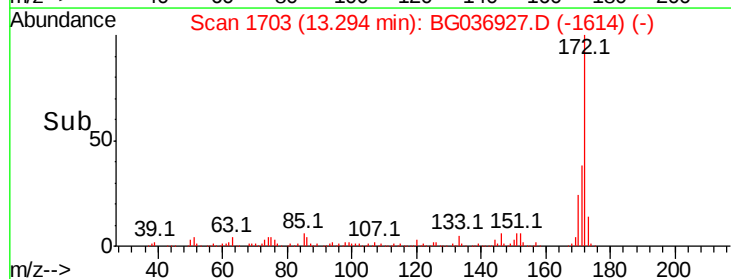
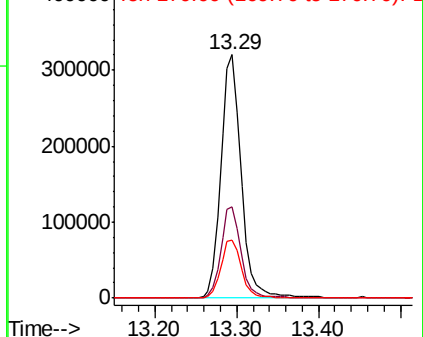
172 100

171 37.5 31.3 46.9

170 23.8 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

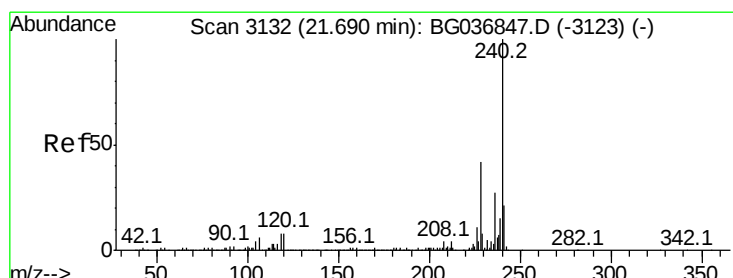
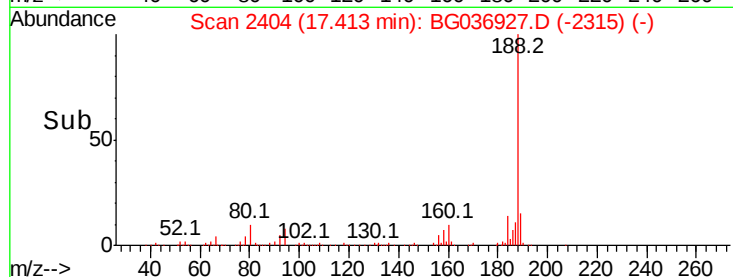
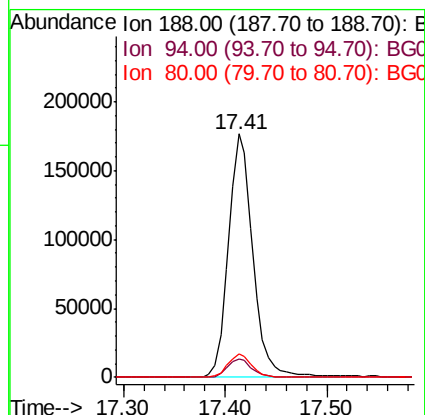
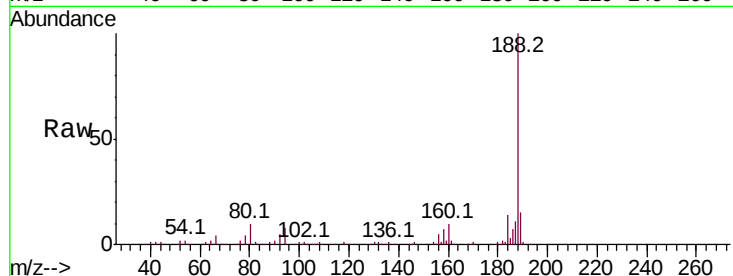




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036927.D
Acq: 24 Sep 2018 21:06

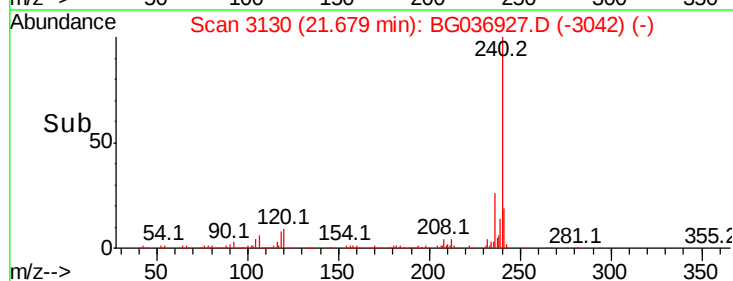
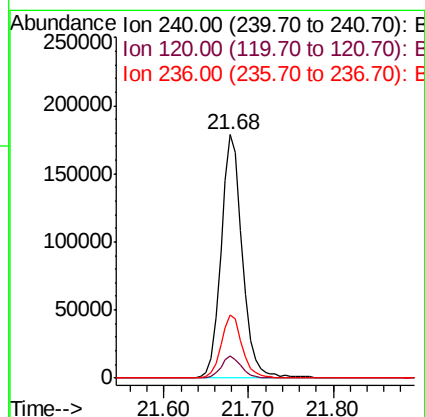
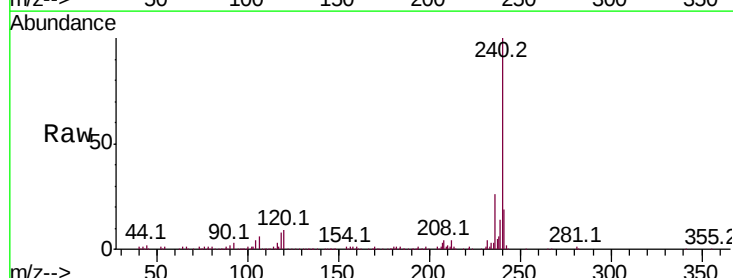
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BNA_G
ClientSampleId :
JC-02-092118-D

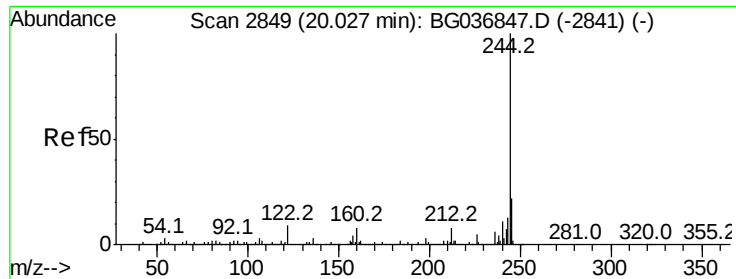
Tot Ion:188 Resp: 294740
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 9.7 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036927.D
Acq: 24 Sep 2018 21:06

Tgt Ion:240 Resp: 311951
Ion Ratio Lower Upper
240 100
120 8.9 6.9 10.3
236 26.1 21.2 31.8



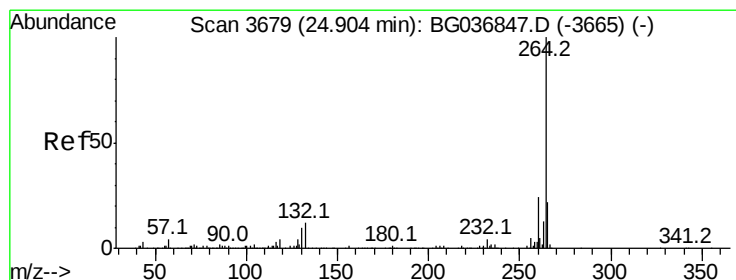
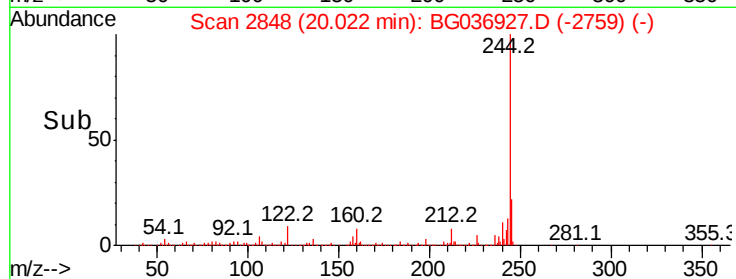
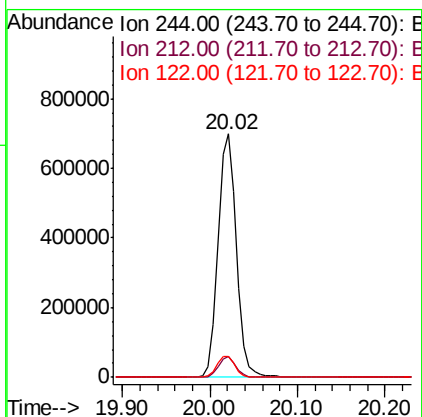
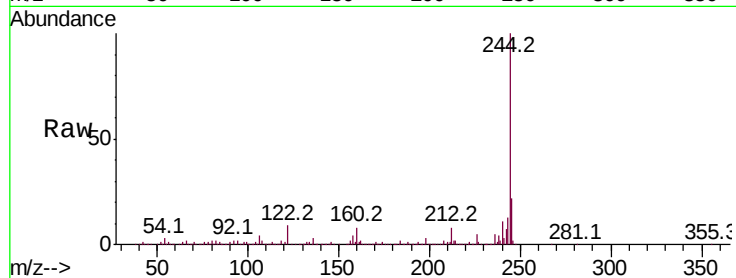


#78
 Terphenyl-d14
 Concen: 85.799 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036927.D
 Acq: 24 Sep 2018 21:06

Instrument :
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 ClientSampleId :
 JC-02-092118-D

Tot Ion:244 Resp: 1017883

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	8.8	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG036927.D
 Acq: 24 Sep 2018 21:06

Tgt Ion:264 Resp: 307299

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.6	29.4
265	21.3	17.4	26.0

