

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG034011.D
 Acq On : 26 Apr 2018 7:17
 Operator : SJ/JU
 Sample : J2156-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-042418

Quant Time: Apr 26 15:09:49 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	61267	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	275376	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	193635	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	532701	20.00	ng	-0.02
75) Chrysene-d12	21.46	240	592070	20.00	ng	-0.03
86) Perylene-d12	24.52	264	586728	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	546497	142.41	ng	0.00
7) Phenol-d6	7.00	99	686550	122.66	ng	0.00
23) Nitrobenzene-d5	8.98	82	493689	102.03	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	411969	182.36	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1294665	98.22	ng	-0.02
78) Terphenyl-d14	19.85	244	2482079	94.18	ng	-0.02

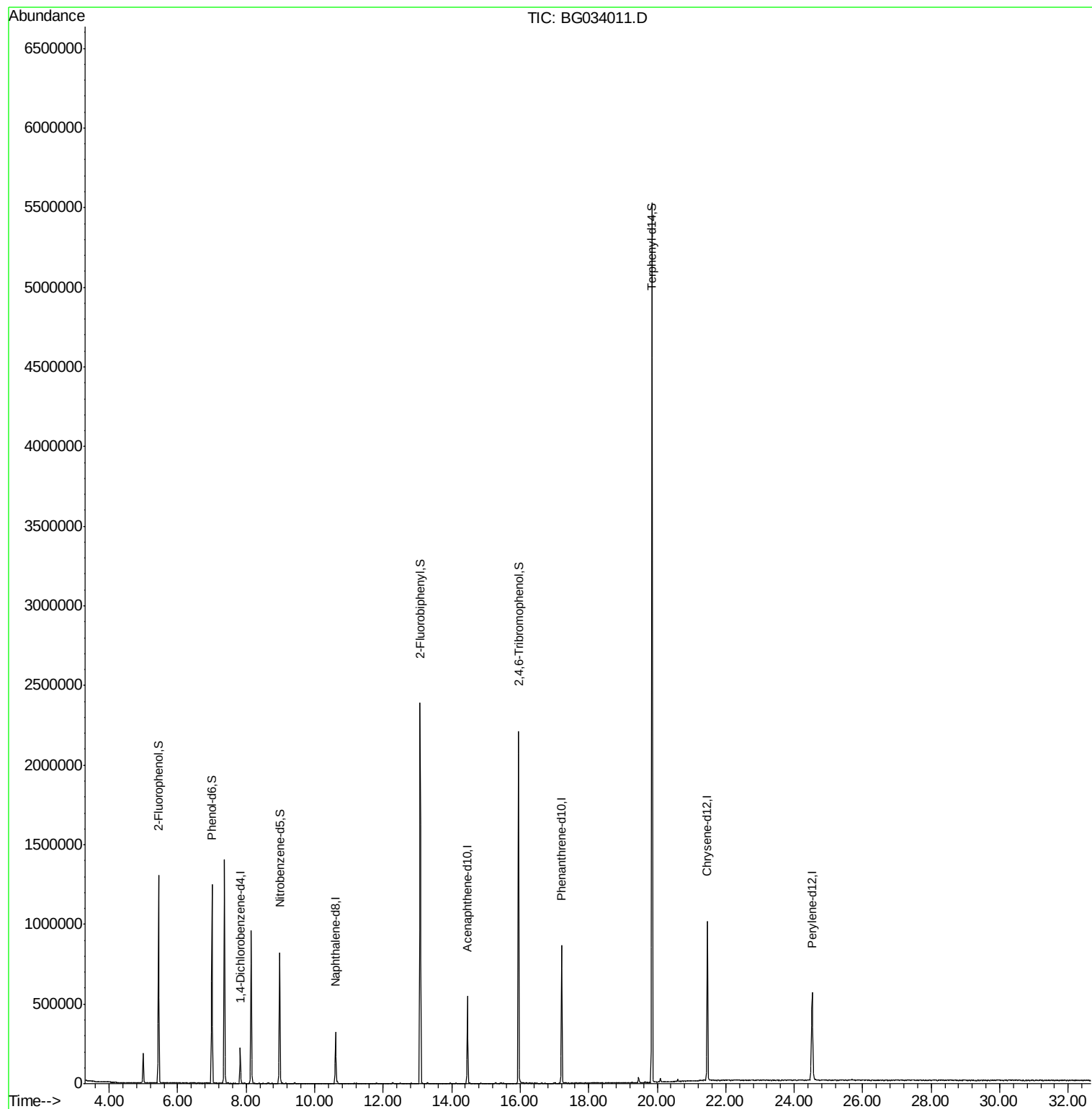
Target Compounds Qvalue

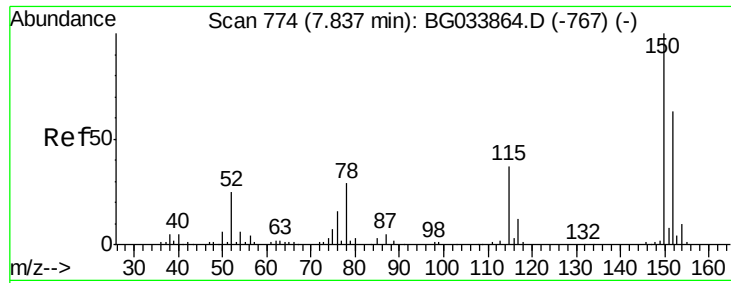
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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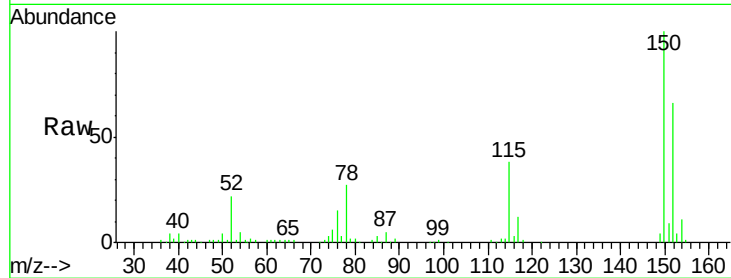


#1

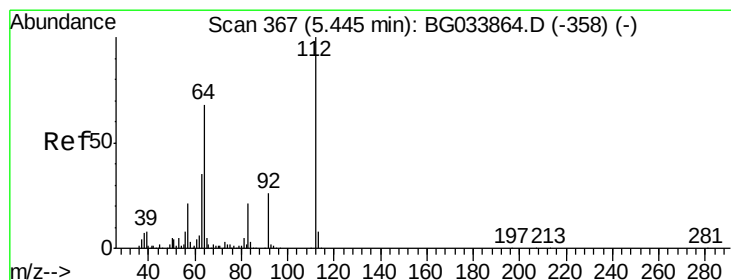
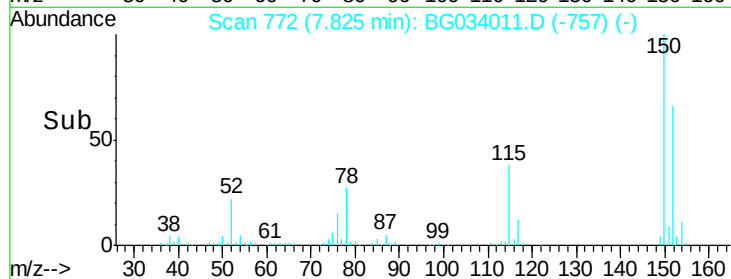
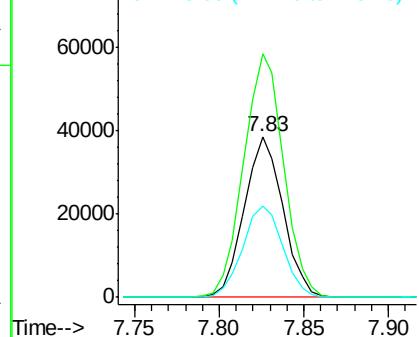
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 772
Delta R.T. -0.01 min
Lab File: BG034011.D
Acq: 26 Apr 2018 7:17

Instrument :
BNA_G
ClientSampleId :
HD-02-042418

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	126.6	189.8
115	57.1	53.0	79.4



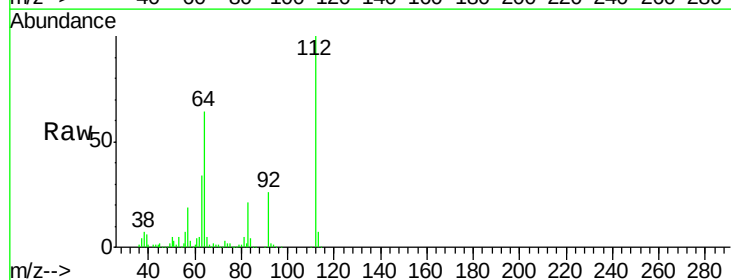
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



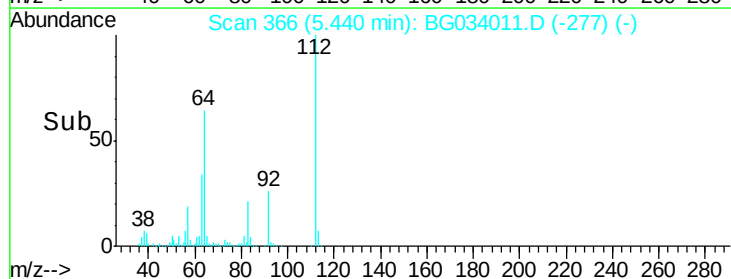
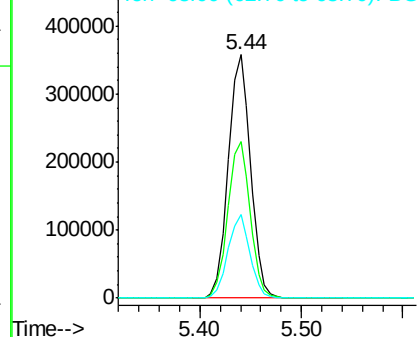
#5

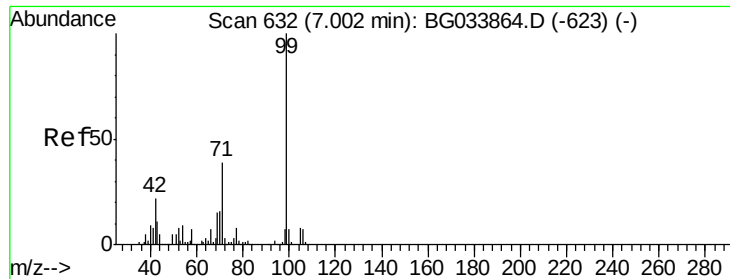
2-Fluorophenol
Concen: 142.410 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG034011.D
Acq: 26 Apr 2018 7:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	56.3	84.5
63	34.1	30.1	45.1



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: 122.659 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.01 min

Lab File: BG034011.D

Acq: 26 Apr 2018 7:17

Instrument :

BNA_G

ClientSampleId :

HD-02-042418

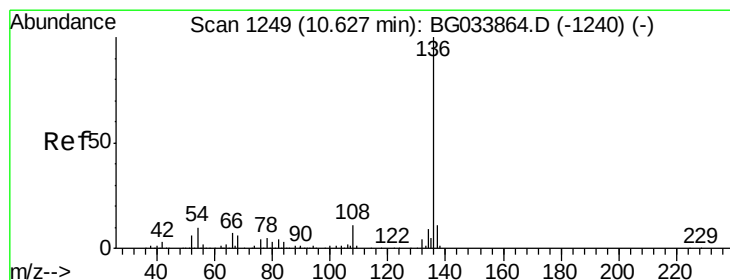
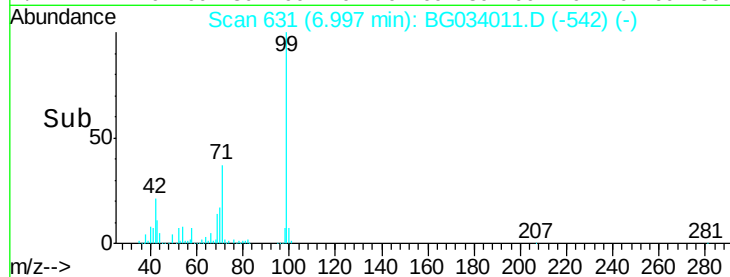
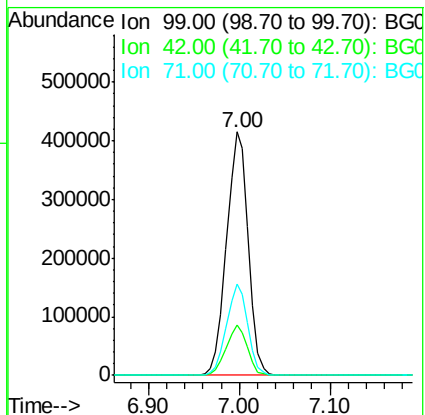
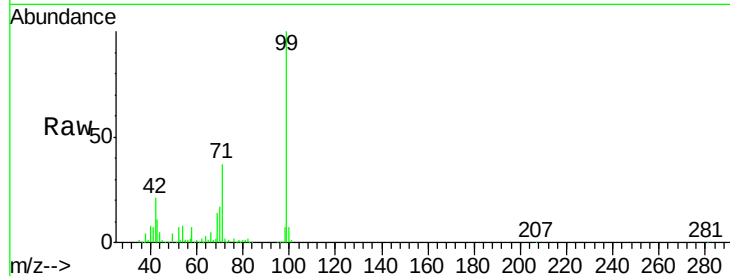
Tot Ion: 99 Resp: 686550

Ion Ratio Lower Upper

99 100

42 20.6 14.1 21.1

71 37.4 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG034011.D

Acq: 26 Apr 2018 7:17

Tgt Ion: 136 Resp: 275376

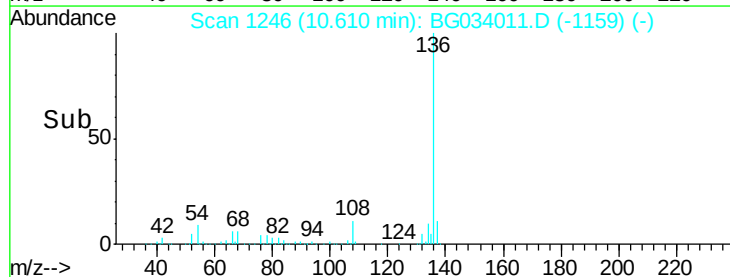
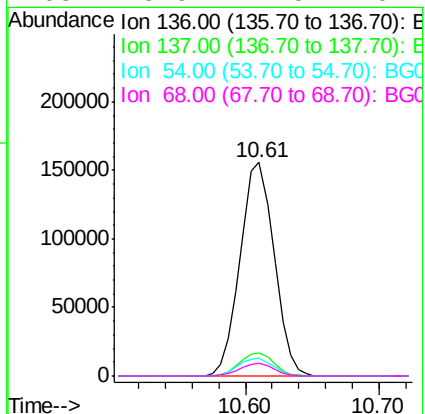
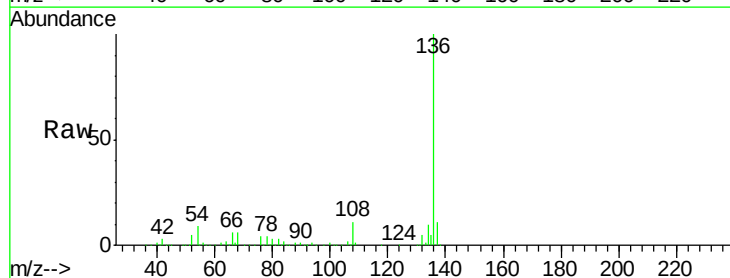
Ion Ratio Lower Upper

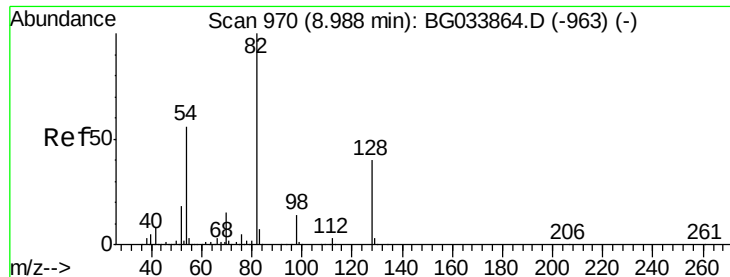
136 100

137 10.9 9.2 13.8

54 9.0 10.3 15.5#

68 5.9 4.5 6.7

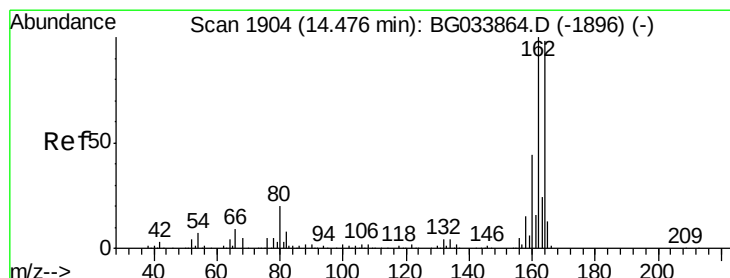
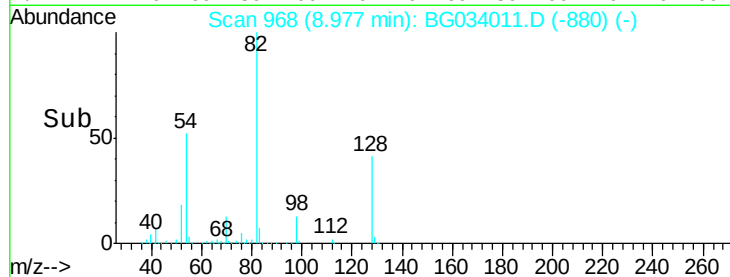
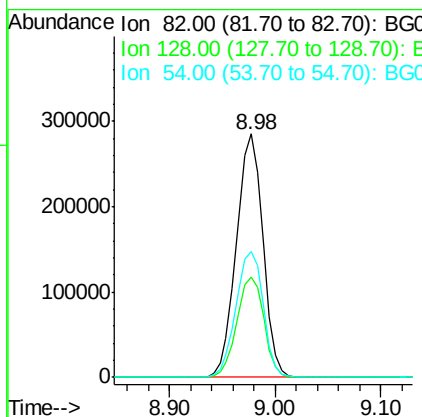
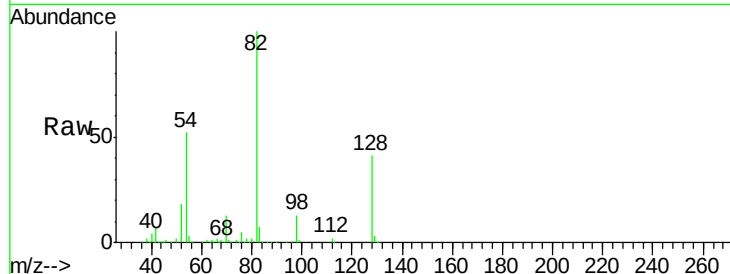




#23
 Nitrobenzene-d5
 Concen: 102.027 ng
 RT: 8.98 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG034011.D
 Acq: 26 Apr 2018 7:17

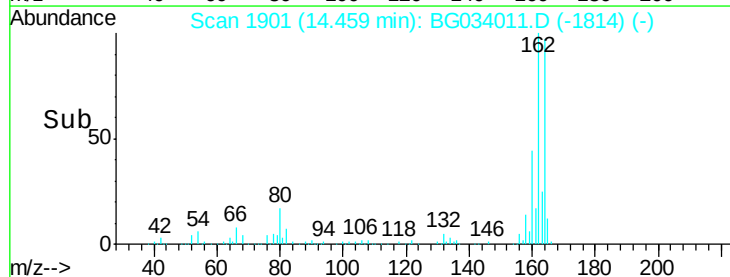
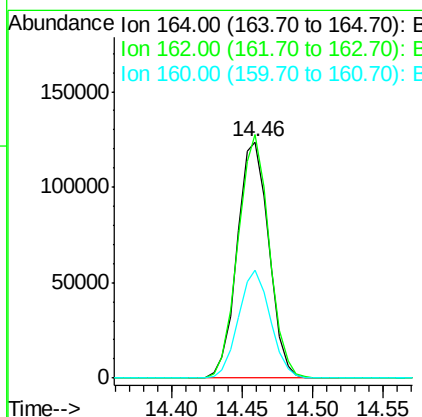
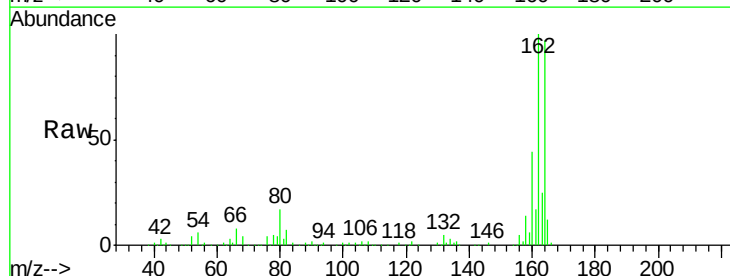
Instrument :
 BNA_G
 ClientSampleId :
 HD-02-042418

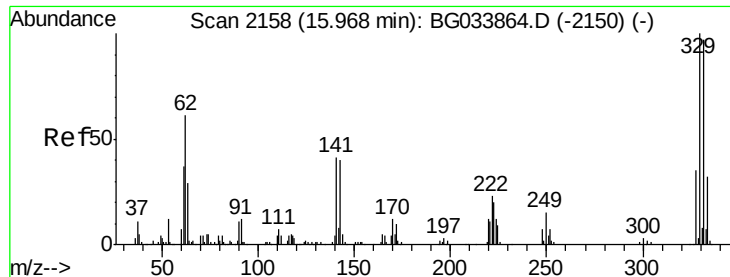
Tot Ion	82	Resp	493689
Ion Ratio	Lower	Upper	
82	100		
128	40.9	29.7	44.5
54	51.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG034011.D
 Acq: 26 Apr 2018 7:17

Tgt Ion	164	Resp	193635
Ion Ratio	Lower	Upper	
164	100		
162	103.2	78.8	118.2
160	45.8	35.4	53.0

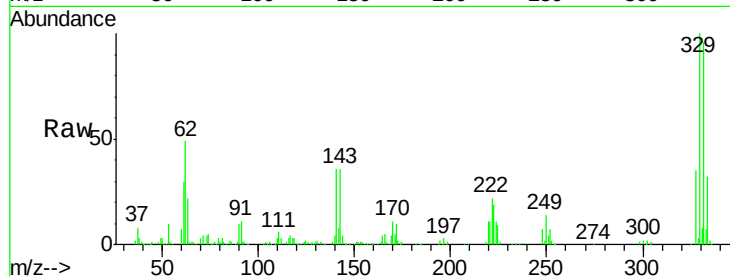




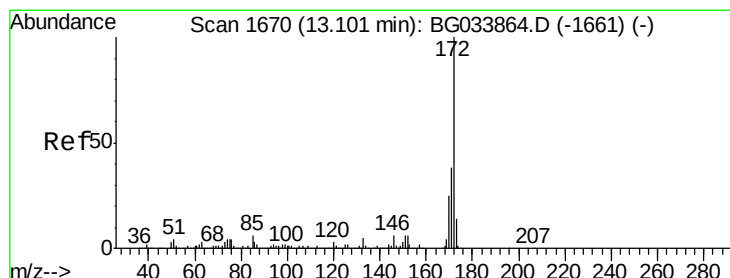
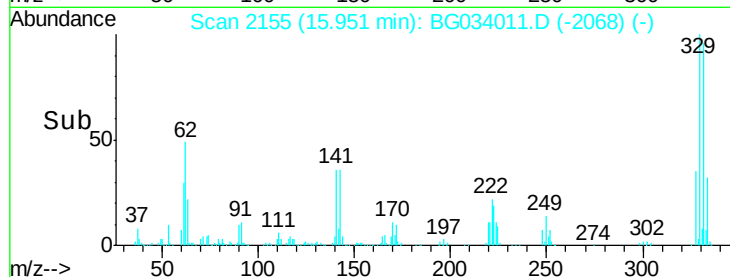
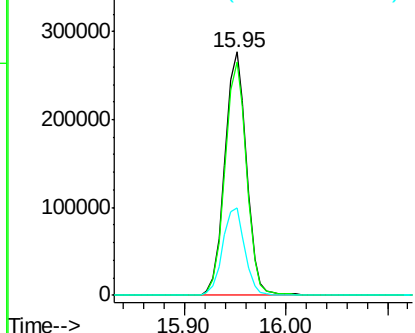
#41
 2,4,6-Tribromophenol
 Concen: 182.363 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG034011.D
 Acq: 26 Apr 2018 7:17

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-042418

Tot Ion:330 Resp: 411969
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 36.5 25.2 37.8

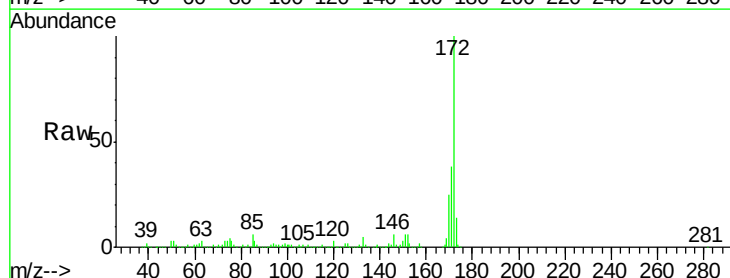


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

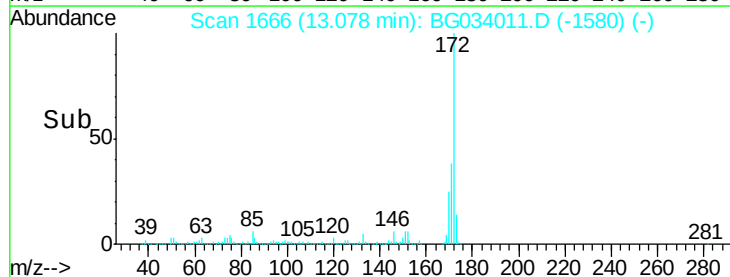
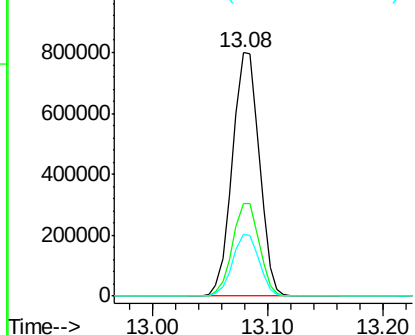


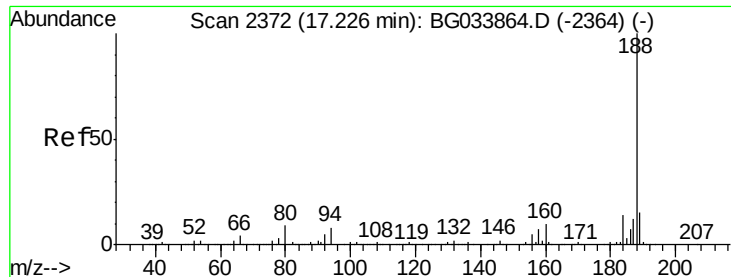
#44
 2-Fluorobiphenyl
 Concen: 98.221 ng
 RT: 13.08 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BG034011.D
 Acq: 26 Apr 2018 7:17

Tgt Ion:172 Resp: 1294665
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.0 45.0
 170 25.3 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

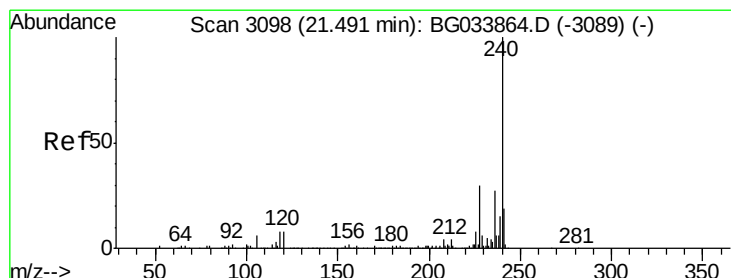
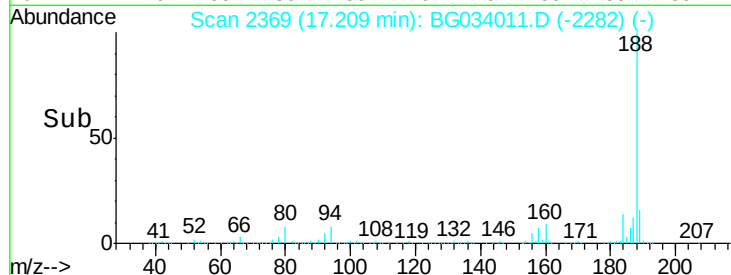
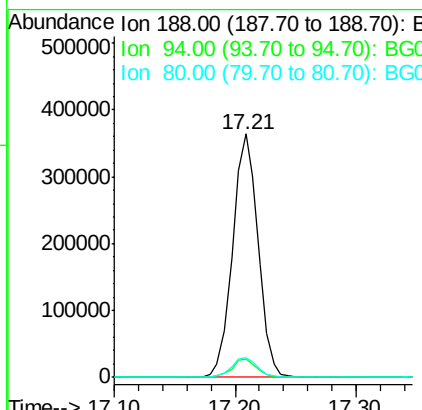
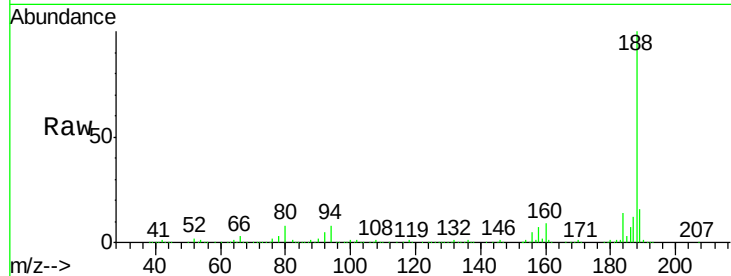




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG034011.D
Acq: 26 Apr 2018 7:17

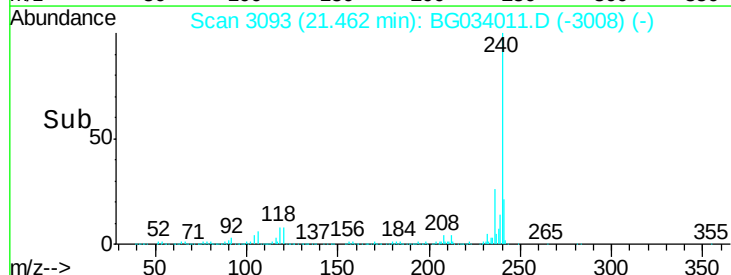
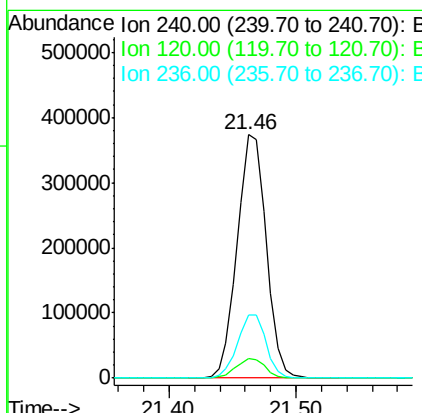
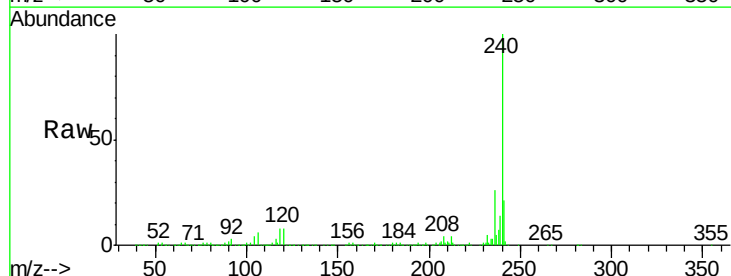
Instrument :
BNA_G
ClientSampleId :
HD-02-042418

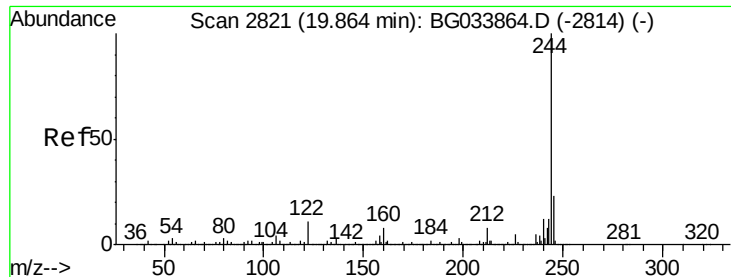
Tot Ion:188 Resp: 532701
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 8.1 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.46 min Scan# 3093
Delta R.T. -0.03 min
Lab File: BG034011.D
Acq: 26 Apr 2018 7:17

Tgt Ion:240 Resp: 592070
Ion Ratio Lower Upper
240 100
120 8.1 6.8 10.2
236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 94.183 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG034011.D

Acq: 26 Apr 2018 7:17

Instrument :

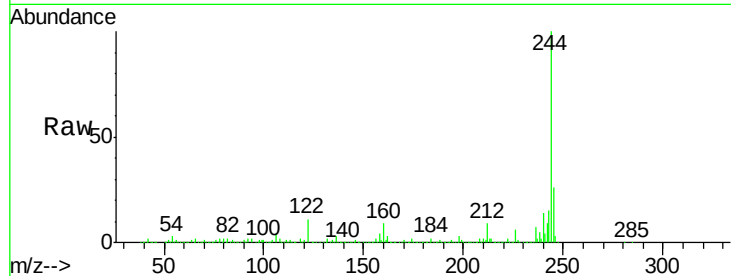
BNA_G

ClientSampleId :

HD-02-042418

Tot Ion:244 Resp: 2482079

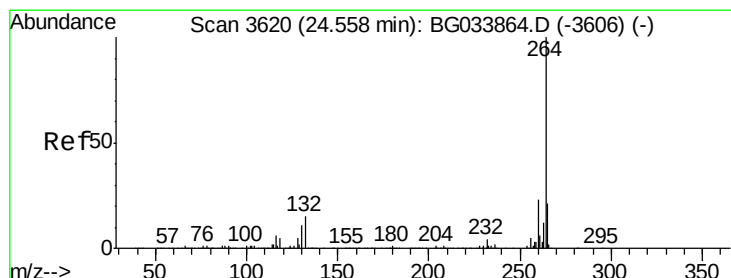
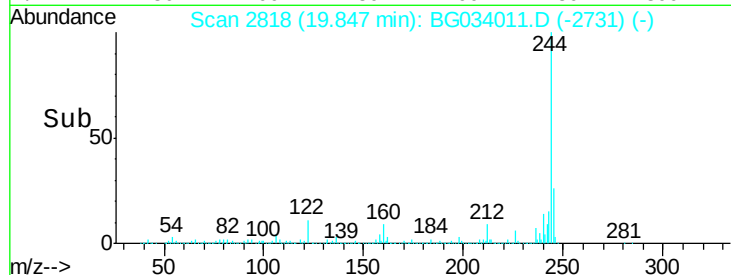
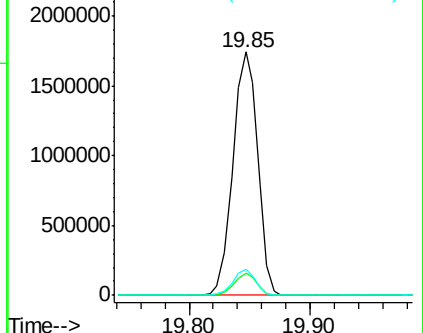
Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.8	8.8#
122	10.7	7.0	10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.52 min Scan# 3614

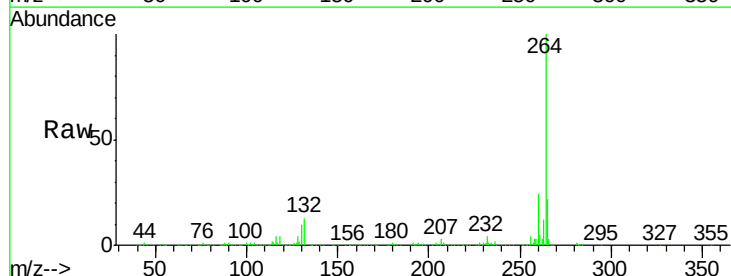
Delta R.T. -0.03 min

Lab File: BG034011.D

Acq: 26 Apr 2018 7:17

Tgt Ion:264 Resp: 586728

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	22.4	17.7	26.5



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

