

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036394.D
 Acq On : 24 Aug 2018 2:03
 Operator : JU/SJ
 Sample : J4283-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-082118

Quant Time: Aug 24 04:07:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	54111	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	218851	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	141959	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	363423	20.00	ng	0.00
75) Chrysene-d12	21.70	240	416880	20.00	ng	0.00
86) Perylene-d12	24.92	264	423295	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	436521	127.97	ng	0.00
7) Phenol-d6	7.22	99	561579	114.99	ng	0.00
23) Nitrobenzene-d5	9.23	82	408274	101.22	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	269125	158.88	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	927156	93.25	ng	0.00
78) Terphenyl-d14	20.04	244	1661233	93.14	ng	0.00

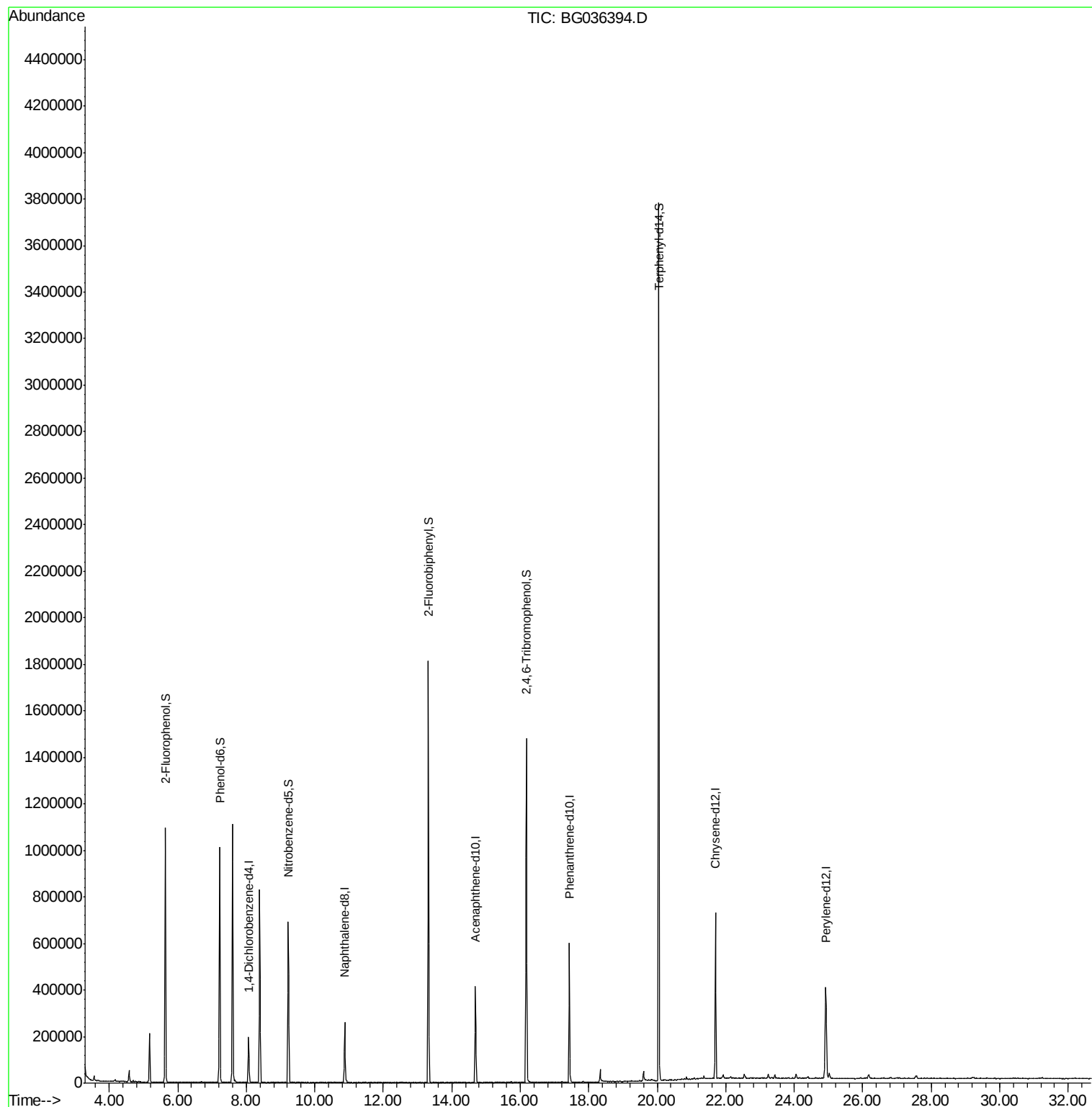
Target Compounds Qvalue

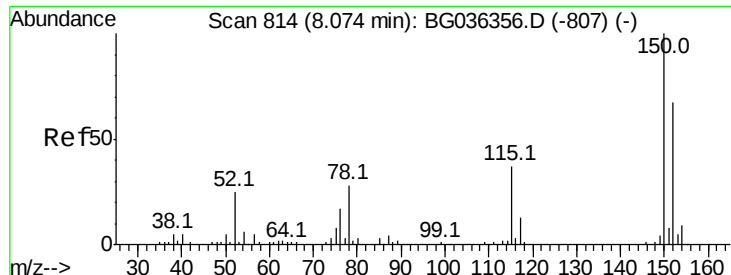
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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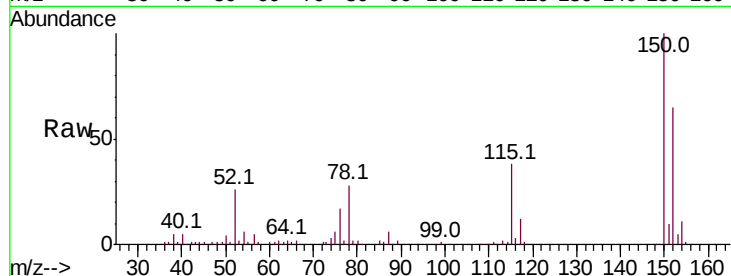


#1

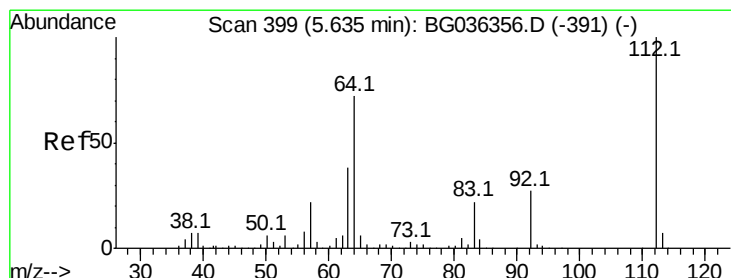
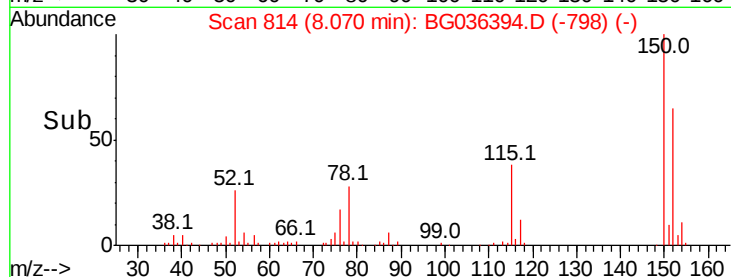
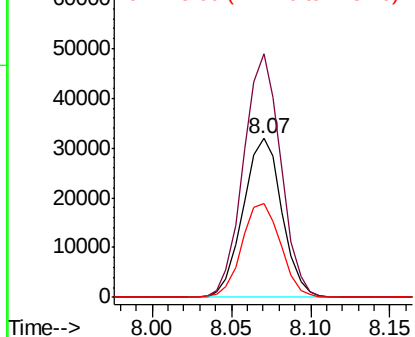
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG036394.D
Acq: 24 Aug 2018 2:03

Instrument :
BNA_G
ClientSampleId :
TR-05-082118

Tot Ion:152 Resp: 54111
Ion Ratio Lower Upper
152 100
150 153.2 119.5 179.3
115 59.0 44.5 66.7



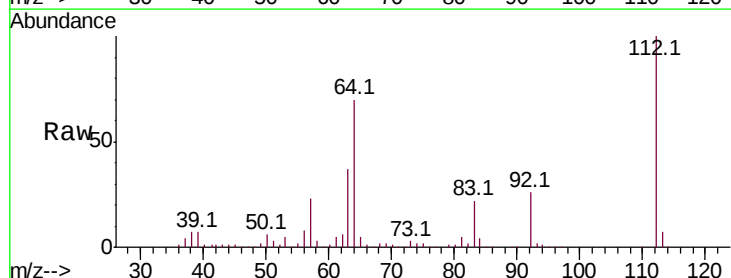
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



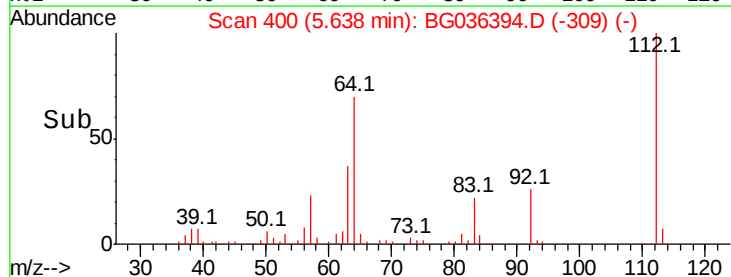
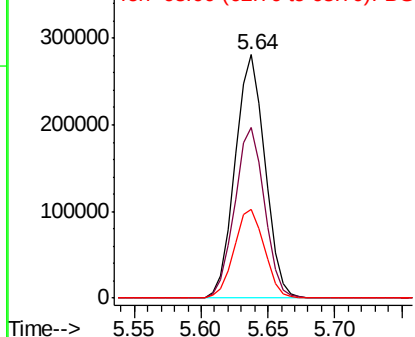
#5

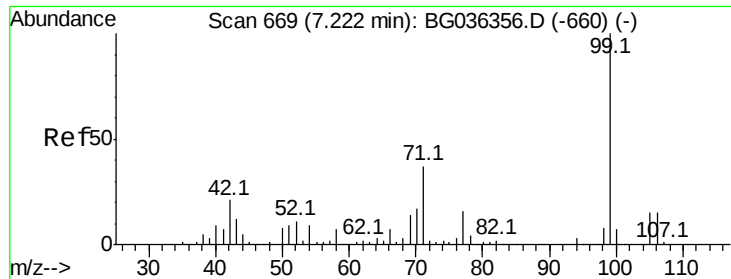
2-Fluorophenol
Concen: 127.969 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.00 min
Lab File: BG036394.D
Acq: 24 Aug 2018 2:03

Tgt Ion:112 Resp: 436521
Ion Ratio Lower Upper
112 100
64 70.0 57.2 85.8
63 36.7 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: 114.985 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG036394.D

Acq: 24 Aug 2018 2:03

Instrument :

BNA_G

ClientSampleId :

TR-05-082118

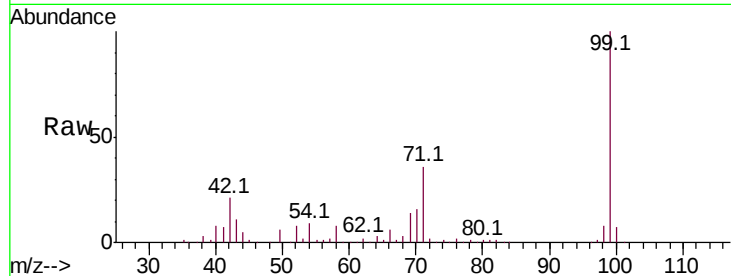
Tot Ion: 99 Resp: 561579

Ion Ratio Lower Upper

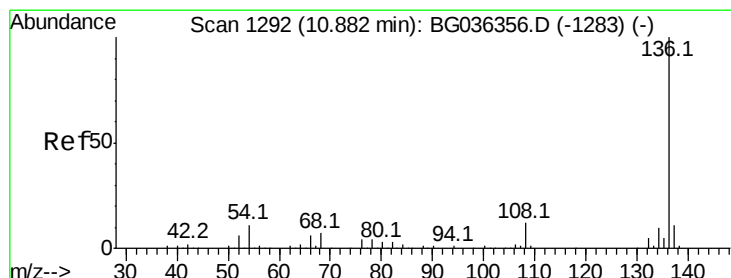
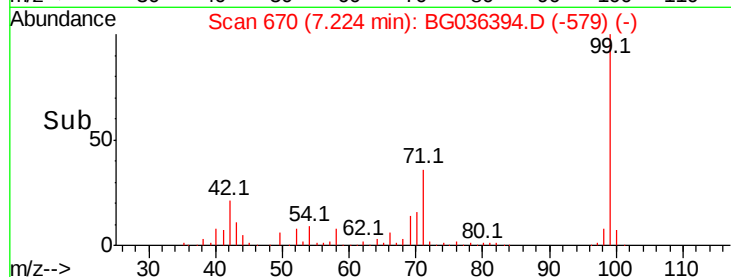
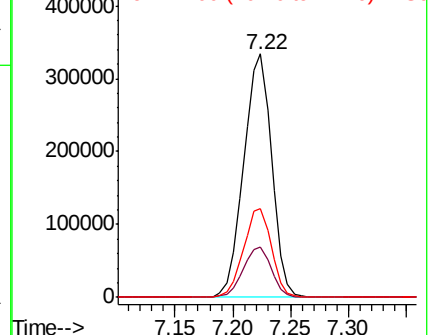
99 100

42 20.8 16.5 24.7

71 36.3 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: 10.87 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG036394.D

Acq: 24 Aug 2018 2:03

Tgt Ion: 136 Resp: 218851

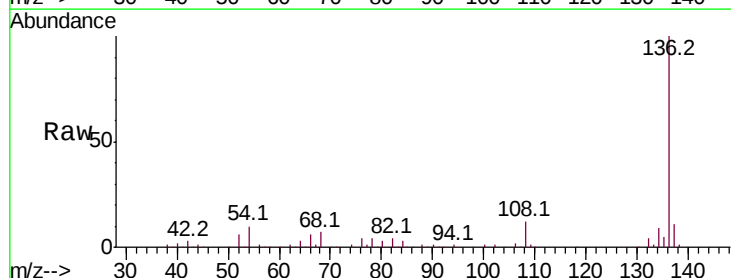
Ion Ratio Lower Upper

136 100

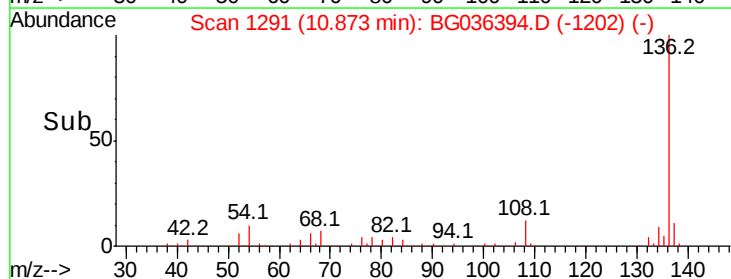
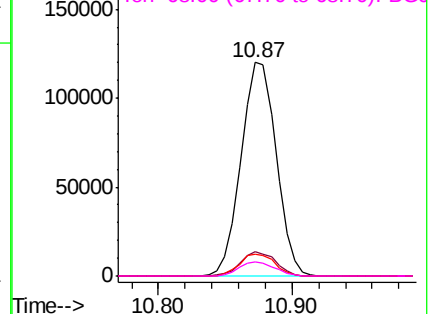
137 11.3 8.8 13.2

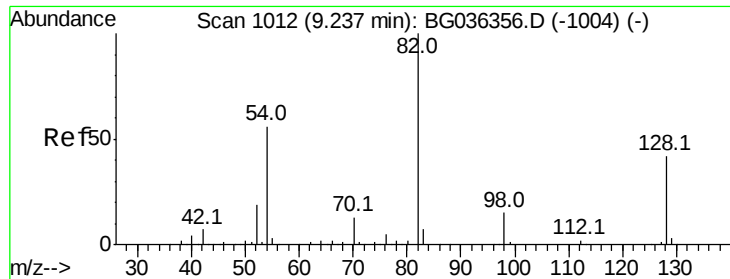
54 10.4 9.2 13.8

68 6.6 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

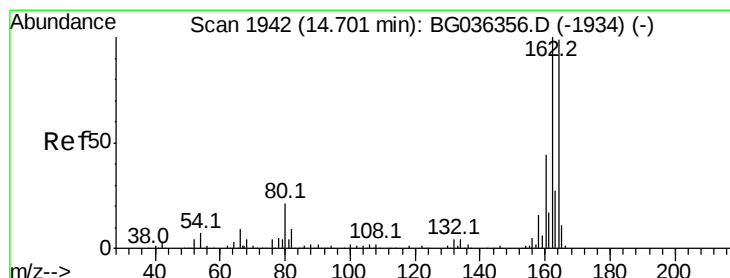
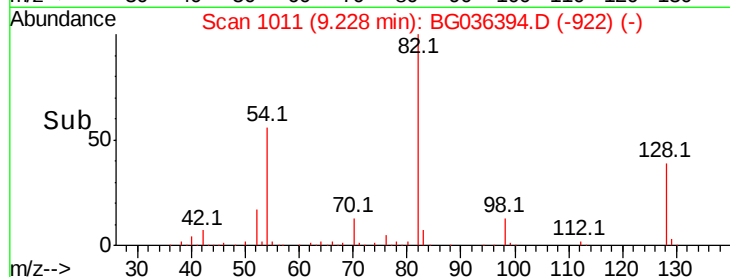
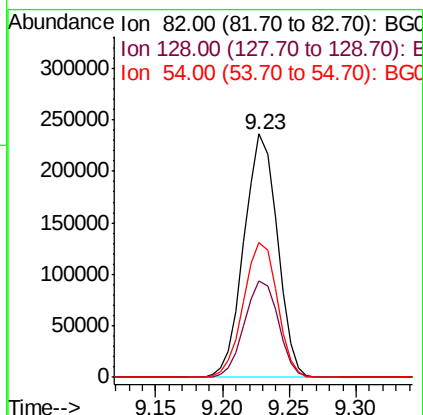
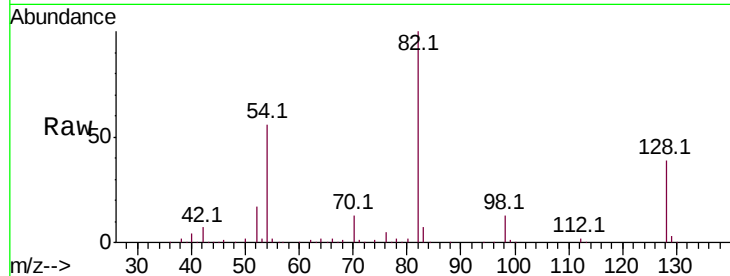




#23
 Nitrobenzene-d5
 Concen: 101.218 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG036394.D
 Acq: 24 Aug 2018 2:03

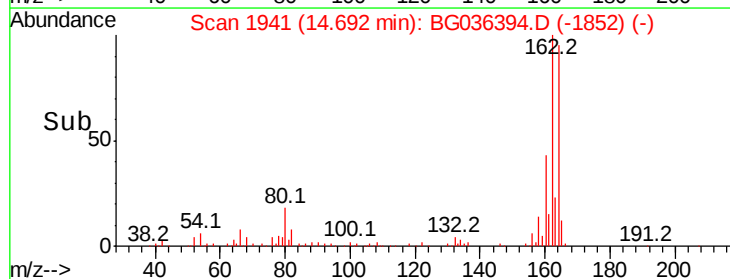
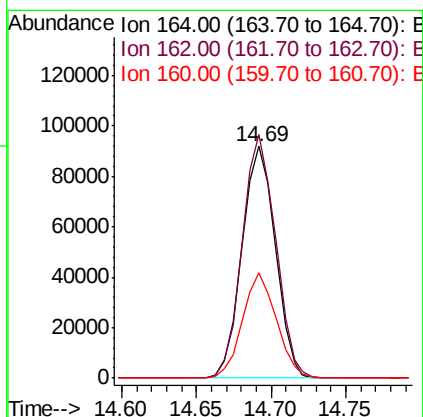
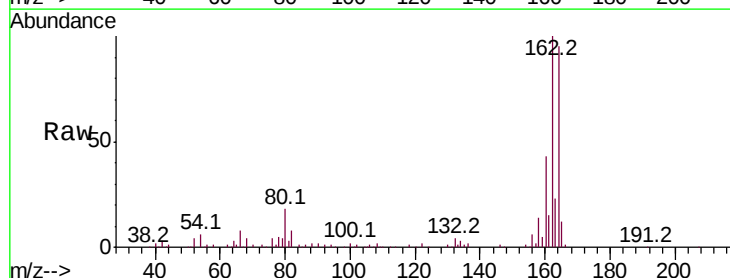
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-082118

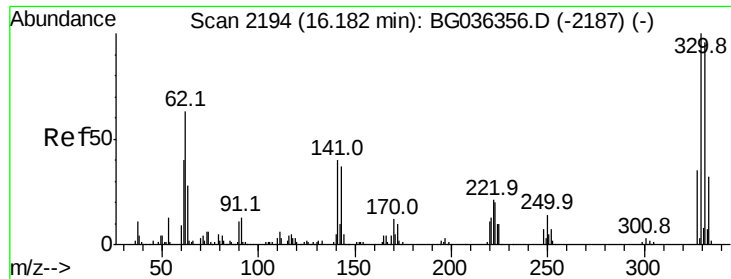
Tot Ion: 82 Resp: 408274
 Ion Ratio Lower Upper
 82 100
 128 39.5 33.3 49.9
 54 55.5 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BG036394.D
 Acq: 24 Aug 2018 2:03

Tgt Ion:164 Resp: 141959
 Ion Ratio Lower Upper
 164 100
 162 105.0 80.7 121.1
 160 45.4 35.3 52.9

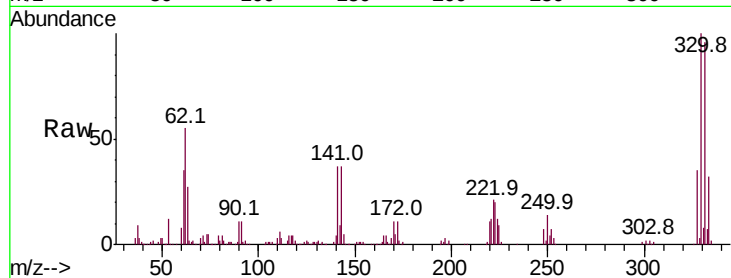




#41
 2,4,6-Tribromophenol
 Concen: 158.880 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG036394.D
 Acq: 24 Aug 2018 2:03

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-082118

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.4	113.2
141	37.7	30.7	46.1

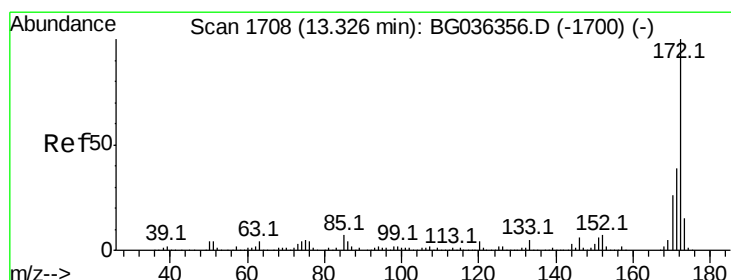
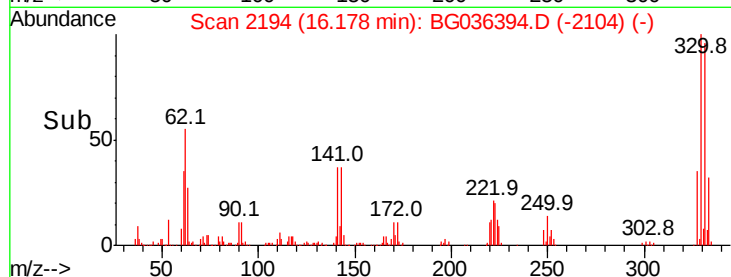
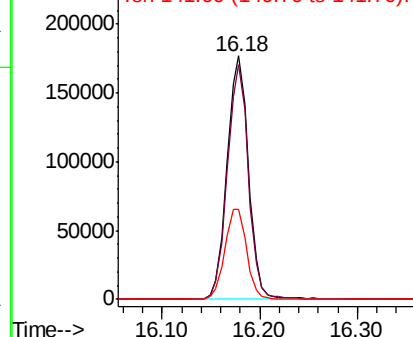


Abundance

Ion 329.80 (329.50 to 330.50): E

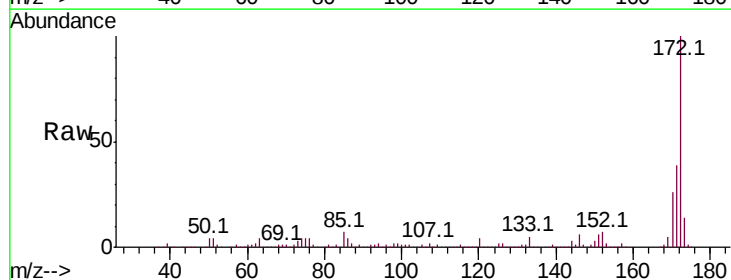
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.253 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG036394.D
 Acq: 24 Aug 2018 2:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.3	46.9
170	26.3	21.0	31.6

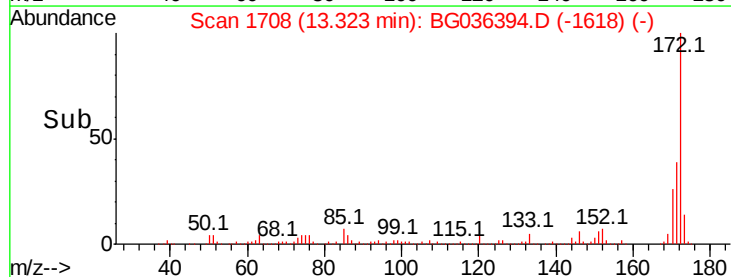
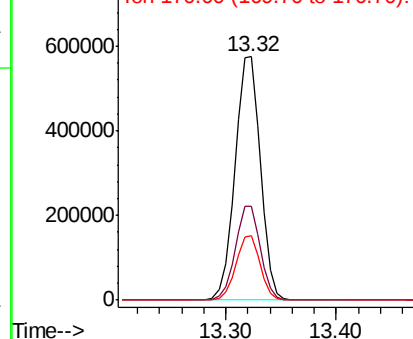


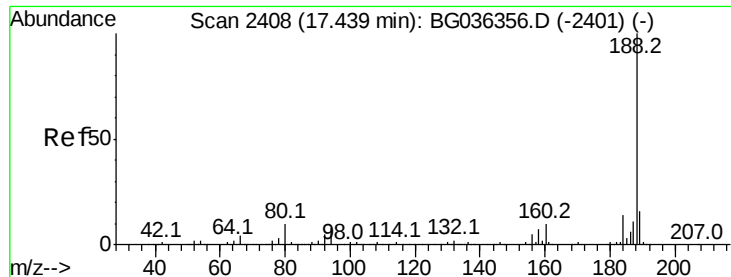
Abundance

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

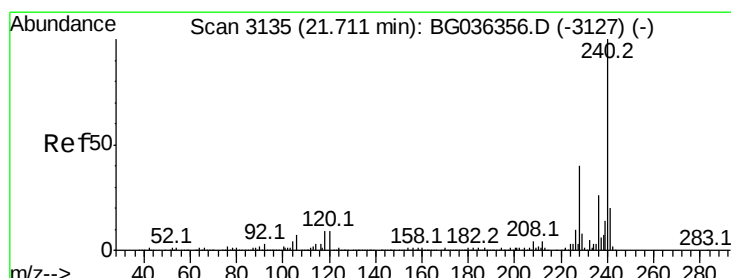
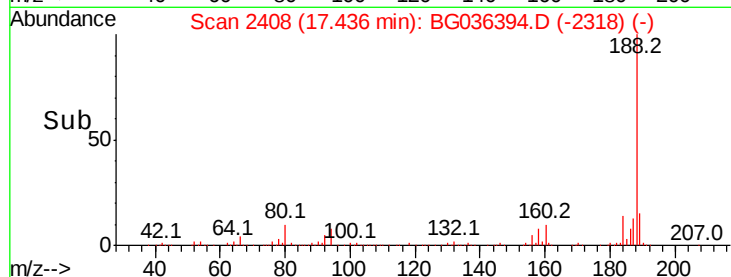
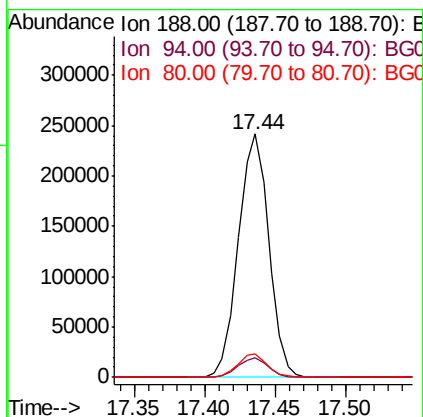
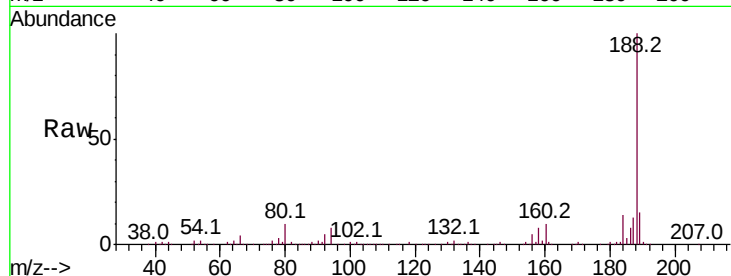




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BG036394.D
Acq: 24 Aug 2018 2:03

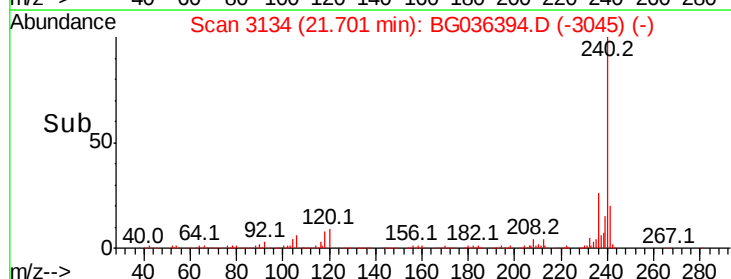
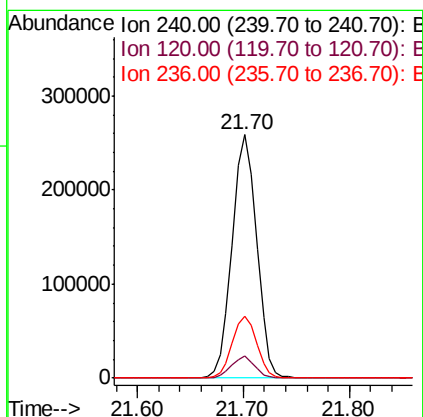
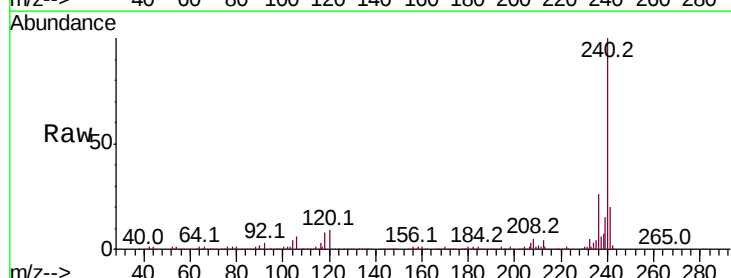
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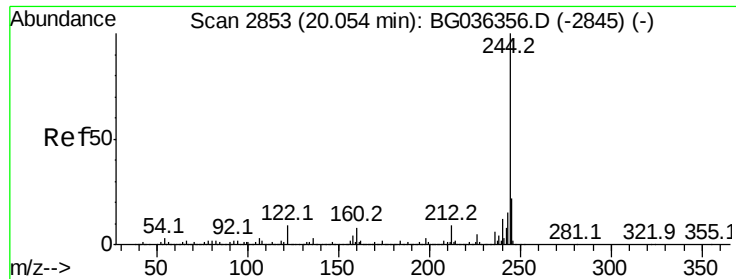
Tot Ion:188 Resp: 363423
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 9.6 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG036394.D
Acq: 24 Aug 2018 2:03

Tgt Ion:240 Resp: 416880
Ion Ratio Lower Upper
240 100
120 9.0 6.9 10.3
236 25.5 21.2 31.8



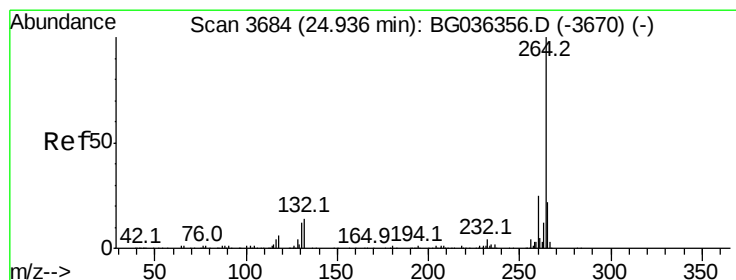
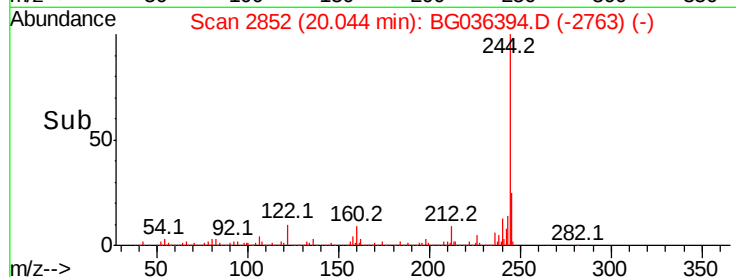
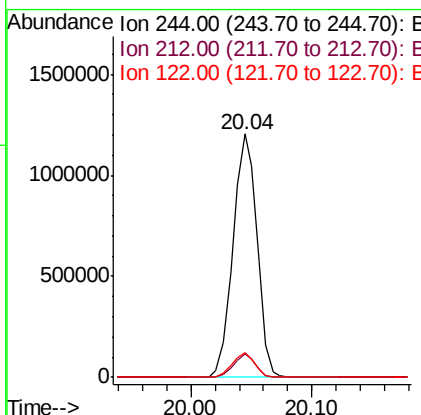
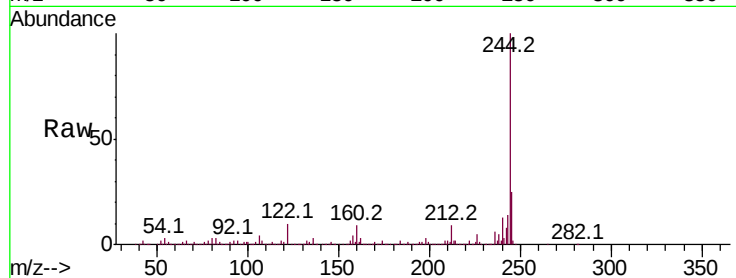


#78
 Terphenyl-d14
 Concen: 93.141 ng
 RT: 20.04 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BG036394.D
 Acq: 24 Aug 2018 2:03

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-082118

Tot Ion:244 Resp: 1661233

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.0	10.6
122	10.0	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3682
 Delta R.T. -0.02 min
 Lab File: BG036394.D
 Acq: 24 Aug 2018 2:03

Tgt Ion:264 Resp: 423295

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	21.7	17.4	26.0

