

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
 Data File : BG038280.D
 Acq On : 1 Dec 2018 6:29
 Operator : JU/SJ
 Sample : J6129-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112818-CHDE-F-D-M

Quant Time: Dec 03 00:08:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

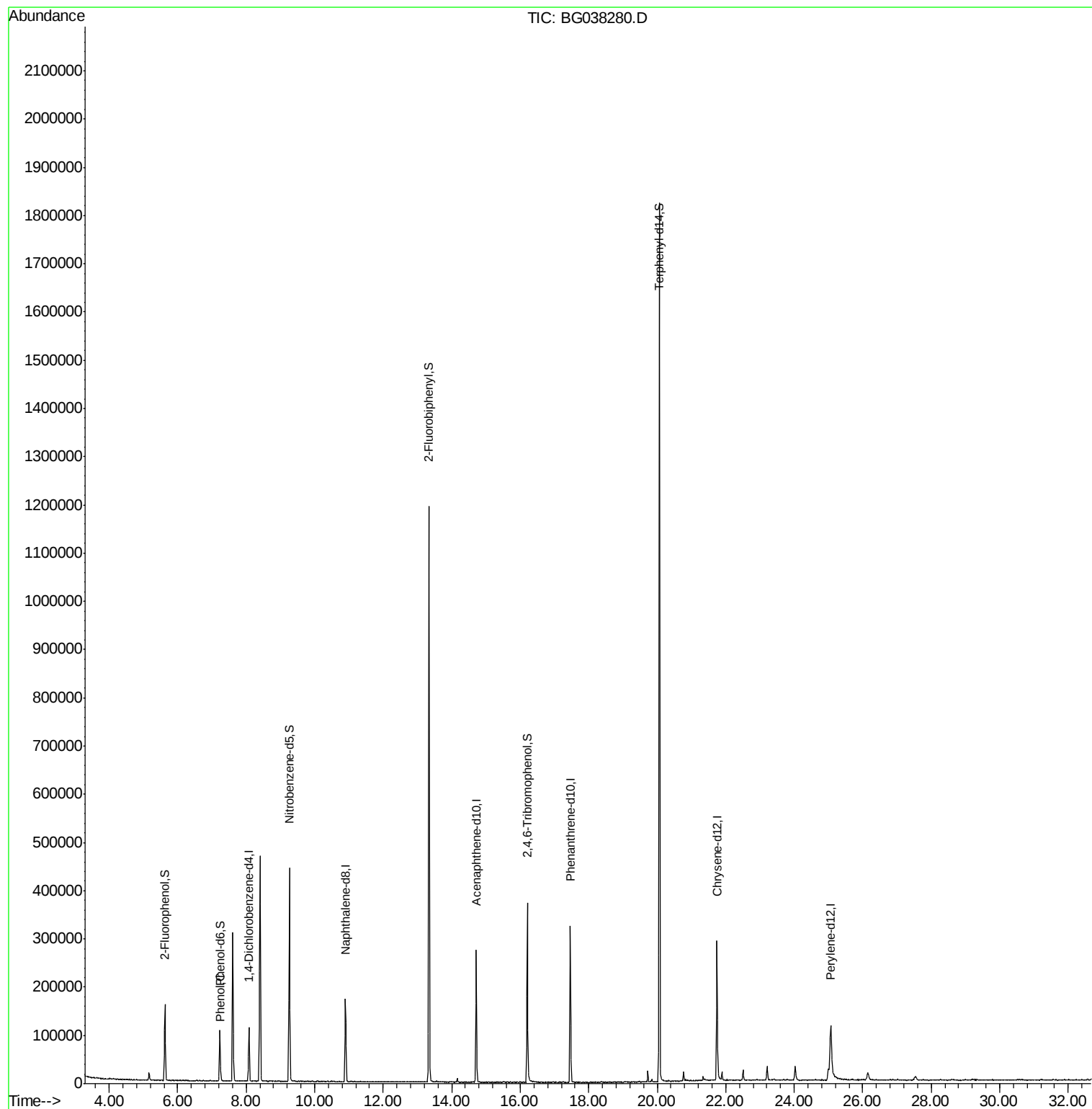
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	32916	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	152582	20.00	ng	-0.01
39) Acenaphthene-d10	14.72	164	96150	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	212456	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	201303	20.00	ng	-0.01
87) Perylene-d12	25.06	264	175330	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	71913	37.72	ng	0.00
7) Phenol-d6	7.23	99	62977	23.14	ng	0.00
23) Nitrobenzene-d5	9.26	82	274369	96.26	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	72684	66.28	ng	-0.01
45) 2-Fluorobiphenyl	13.34	172	627037	95.01	ng	-0.01
79) Terphenyl-d14	20.06	244	884665	103.41	ng	0.00
Target Compounds						
10) Phenol	7.26	94	6763	2.346	ng	Qvalue 85

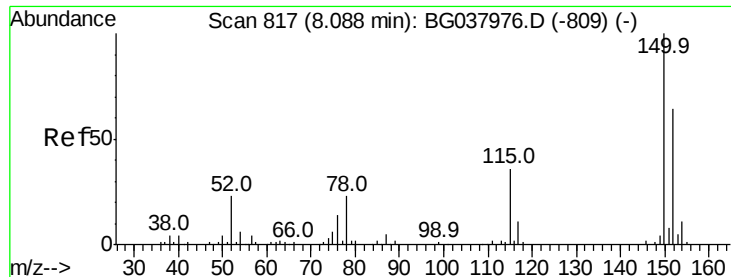
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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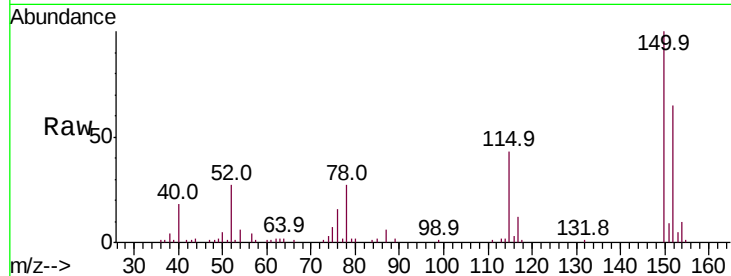


#1

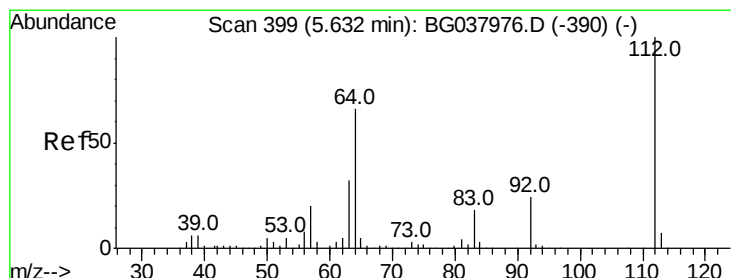
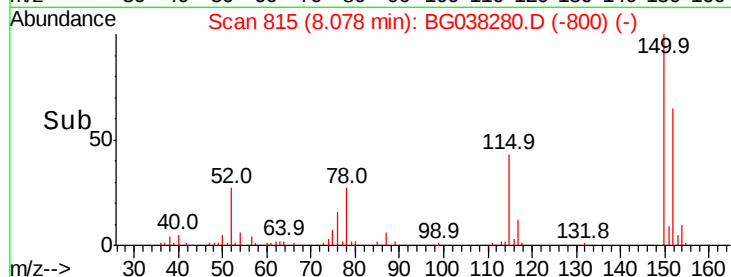
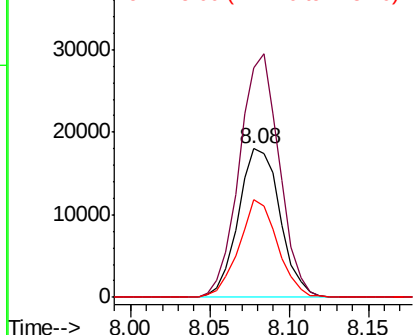
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG038280.D
 Acq: 1 Dec 2018 6:29

Instrument :
 BNA_G
 ClientSampleId :
 112818-CHDE-F-D-M

Tot Ion:152 Resp: 32916
 Ion Ratio Lower Upper
 152 100
 150 154.1 126.0 189.0
 115 65.8 45.5 68.3



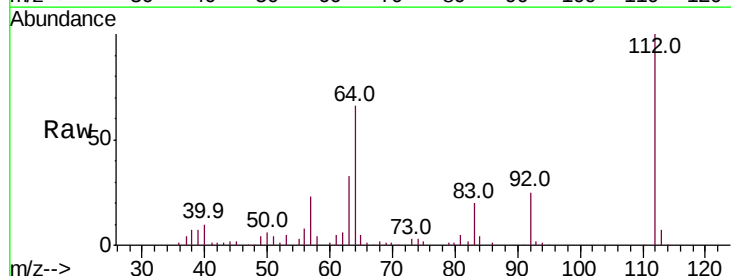
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



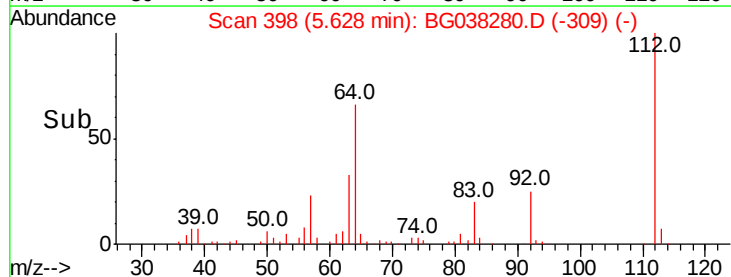
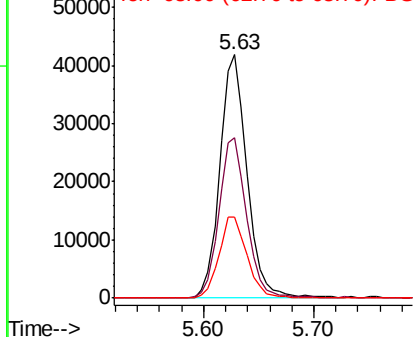
#5

2-Fluorophenol
 Concen: 37.721 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BG038280.D
 Acq: 1 Dec 2018 6:29

Tgt Ion:112 Resp: 71913
 Ion Ratio Lower Upper
 112 100
 64 65.9 53.1 79.7
 63 33.2 27.3 40.9



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: 23.142 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038280.D

Acq: 1 Dec 2018 6:29

Instrument :

BNA_G

ClientSampleId :

112818-CHDE-F-D-M

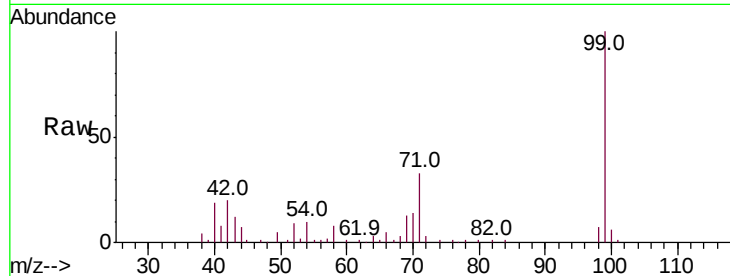
Tot Ion: 99 Resp: 62977

Ion Ratio Lower Upper

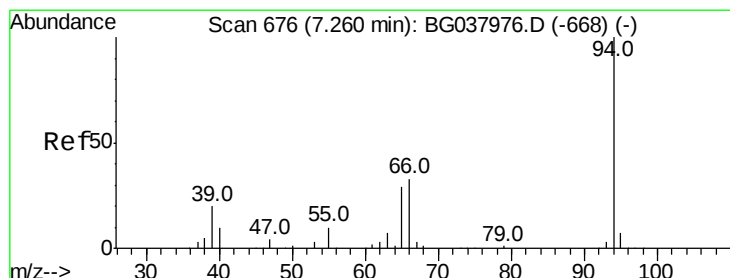
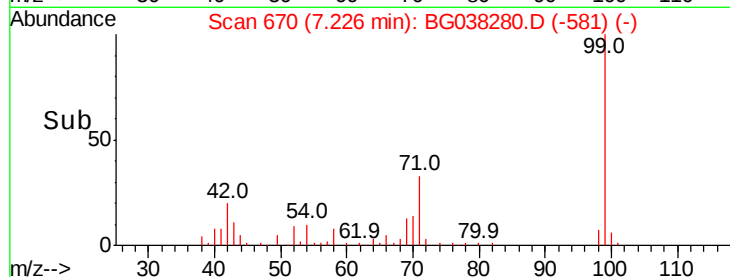
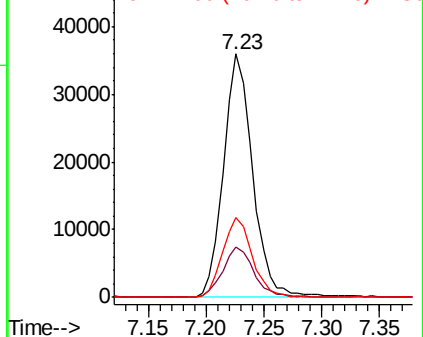
99 100

42 20.4 15.0 22.4

71 32.6 25.5 38.3



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



#10

Phenol

Concen: 2.346 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG038280.D

Acq: 1 Dec 2018 6:29

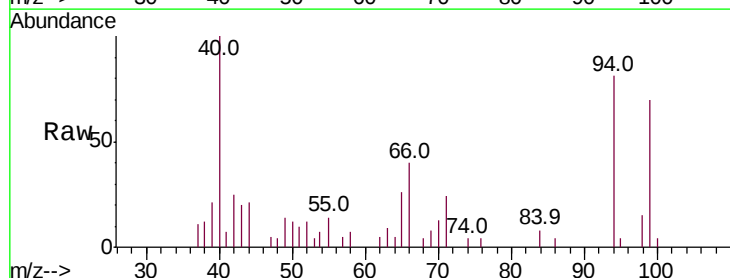
Tgt Ion: 94 Resp: 6763

Ion Ratio Lower Upper

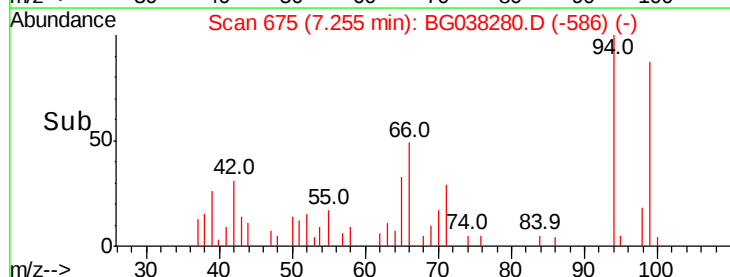
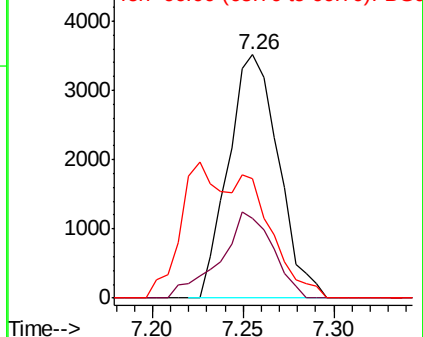
94 100

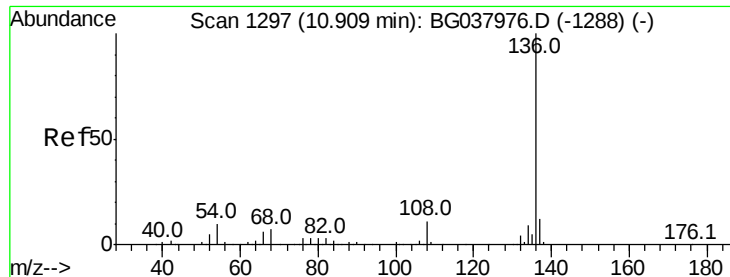
65 32.7 9.7 49.7

66 49.1 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

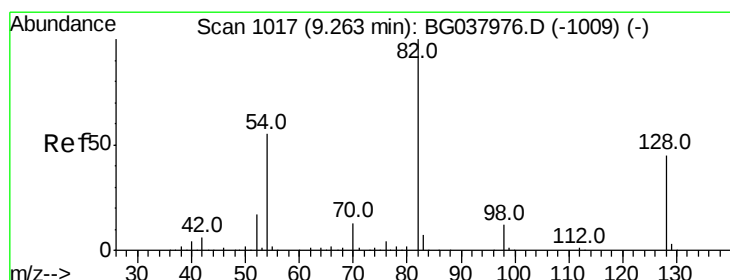
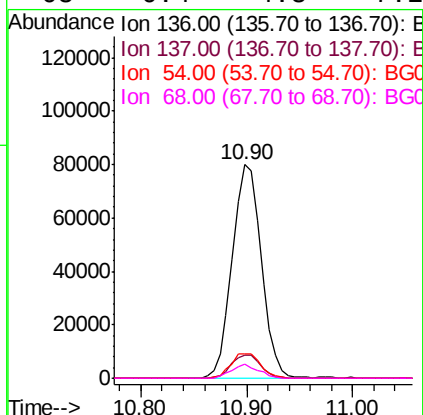
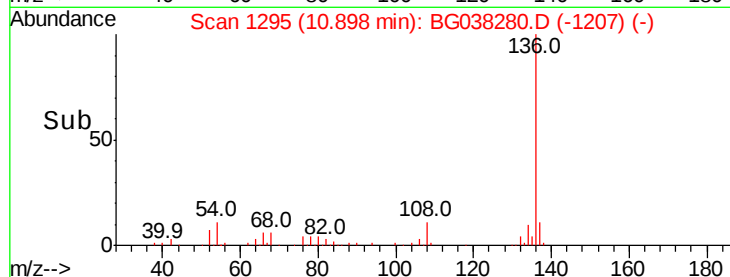
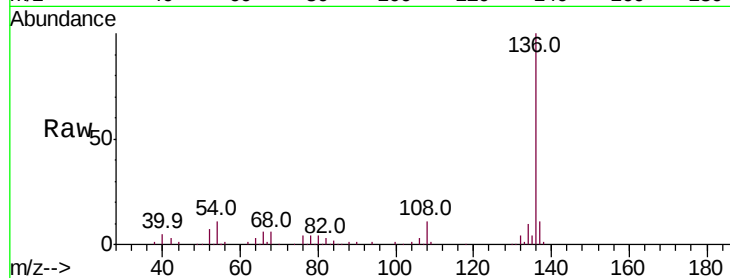




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038280.D
Acq: 1 Dec 2018 6:29

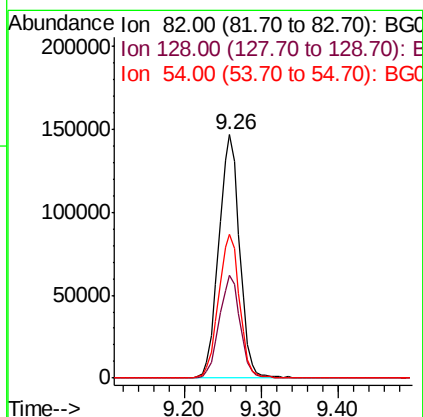
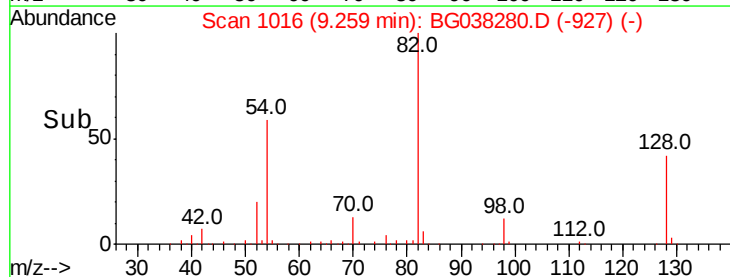
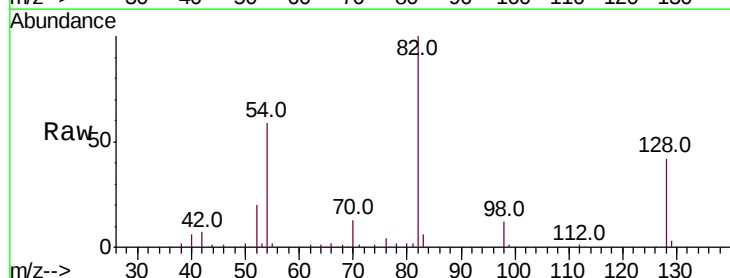
Instrument :
BNA_G
ClientSampleId :
112818-CHDE-F-D-M

Tot Ion:	136	Resp:	152582
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	11.8	7.9	11.9
68	6.4	4.8	7.2



#23
Nitrobenzene-d5
Concen: 96.257 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038280.D
Acq: 1 Dec 2018 6:29

Tgt Ion:	82	Resp:	274369
Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.6	51.8
54	59.2	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038280.D

Acq: 1 Dec 2018 6:29

Instrument :

BNA_G

ClientSampleId :

112818-CHDE-F-D-M

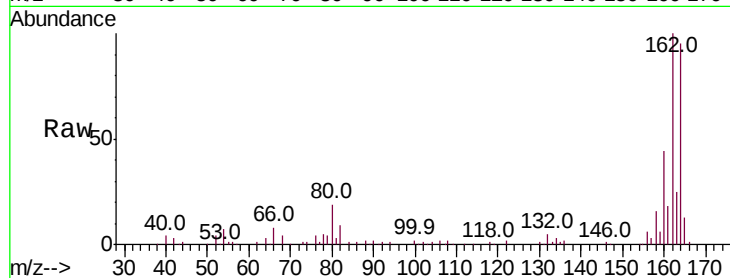
Tot Ion:164 Resp: 96150

Ion Ratio Lower Upper

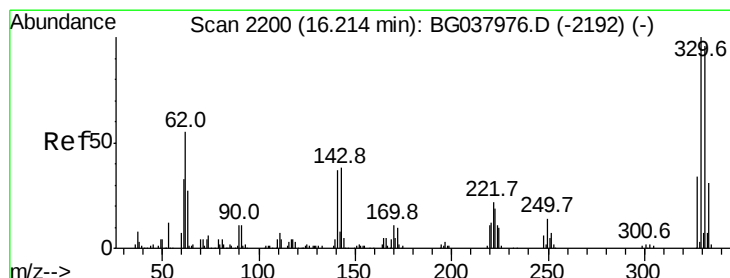
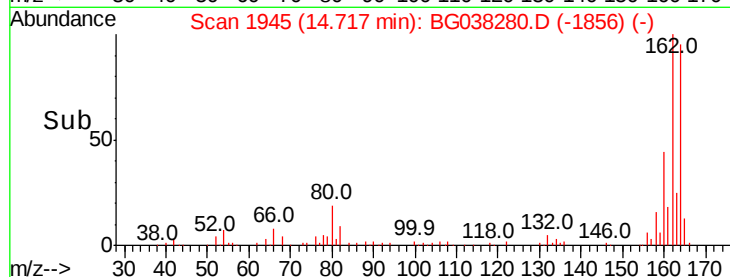
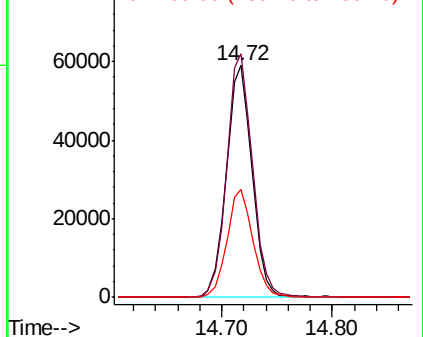
164 100

162 105.1 81.3 121.9

160 46.3 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 66.283 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038280.D

Acq: 1 Dec 2018 6:29

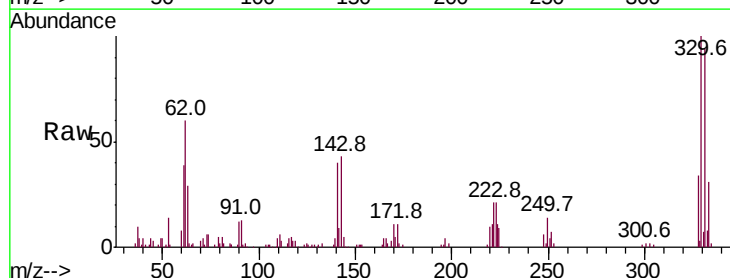
Tgt Ion:330 Resp: 72684

Ion Ratio Lower Upper

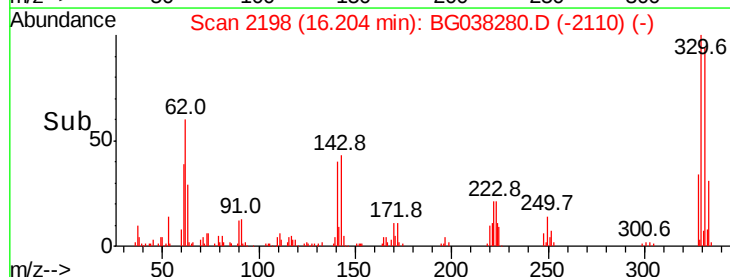
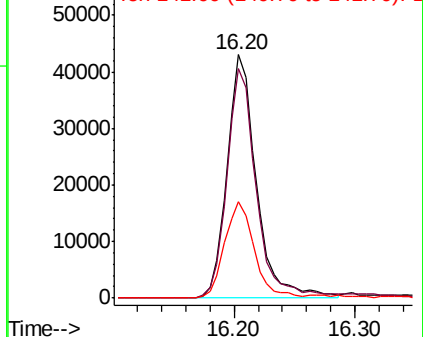
330 100

332 94.8 78.4 117.6

141 41.7 32.2 48.2



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

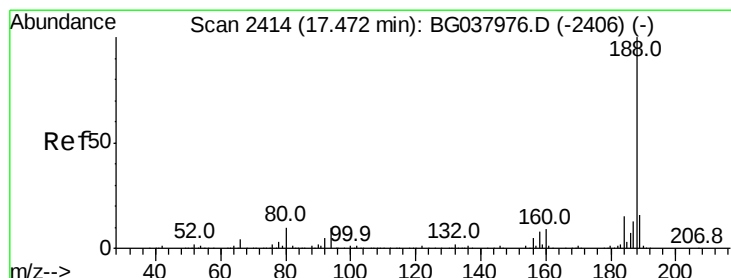
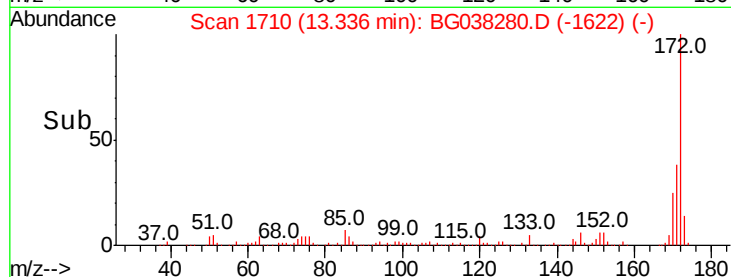
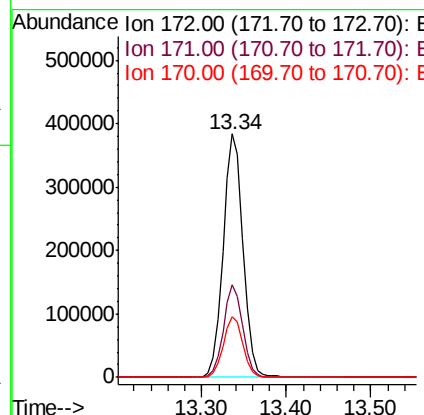
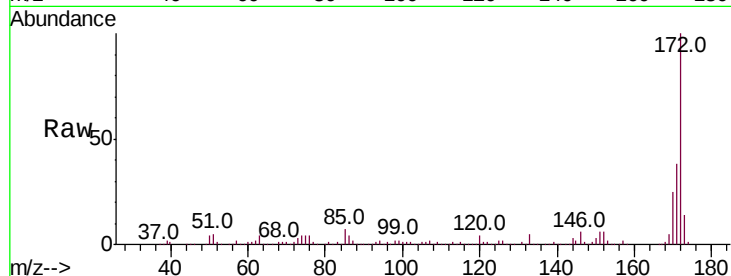




#45
 2-Fluorobiphenyl
 Concen: 95.008 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038280.D
 Acq: 1 Dec 2018 6:29

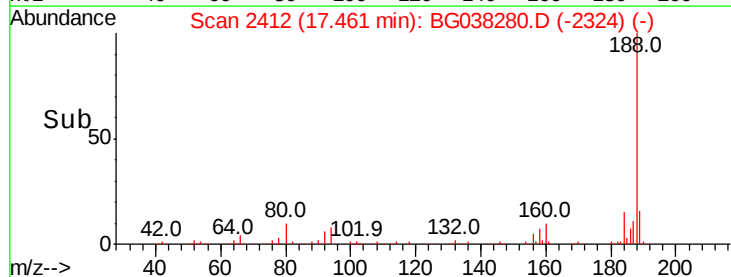
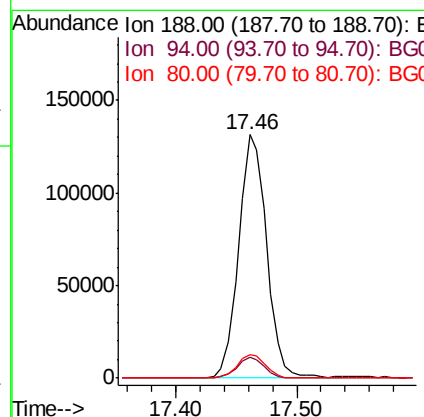
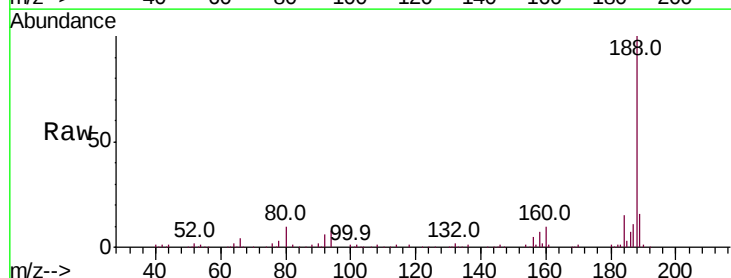
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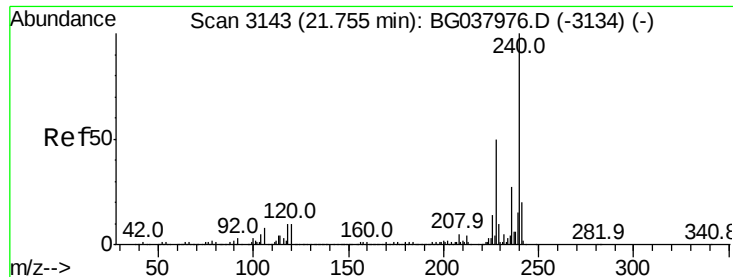
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	24.9	20.2	30.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG038280.D
 Acq: 1 Dec 2018 6:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	9.8	7.7	11.5

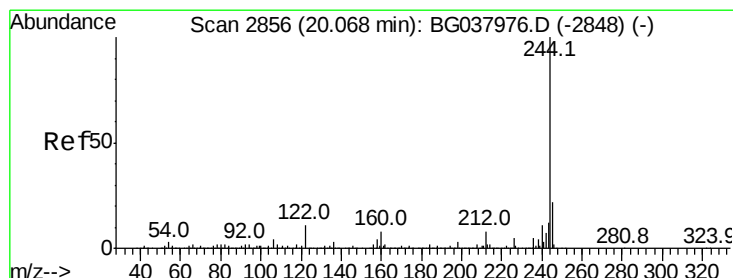
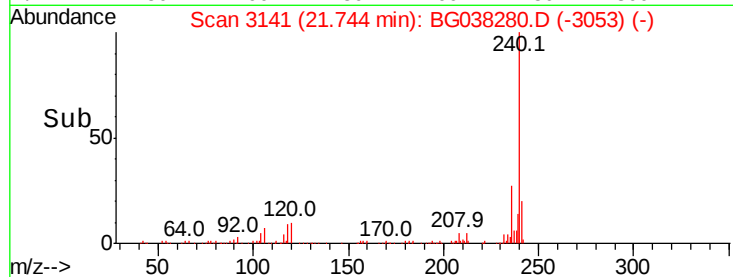
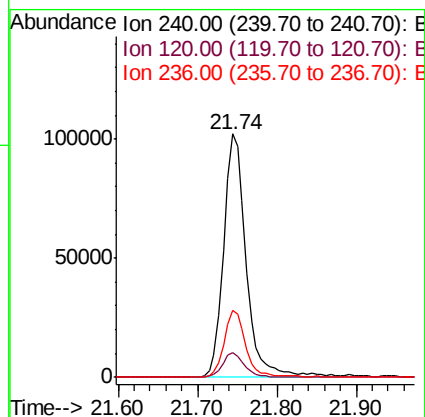
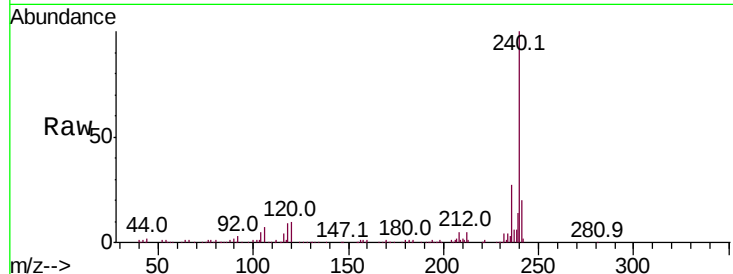




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG038280.D
 Acq: 1 Dec 2018 6:29

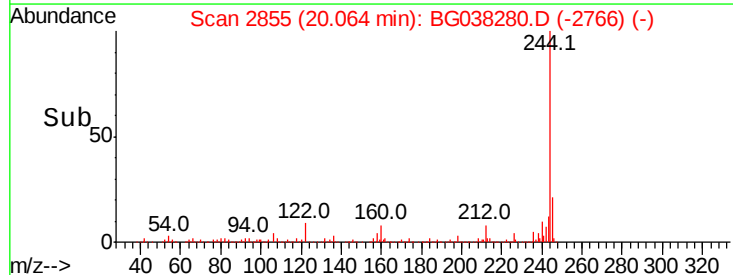
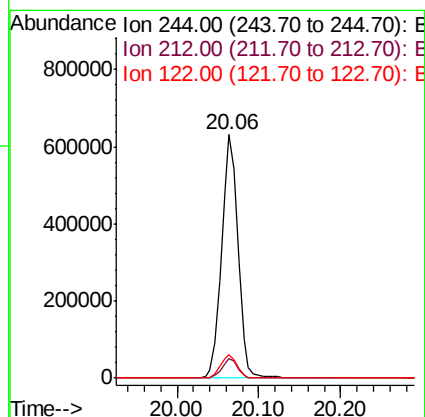
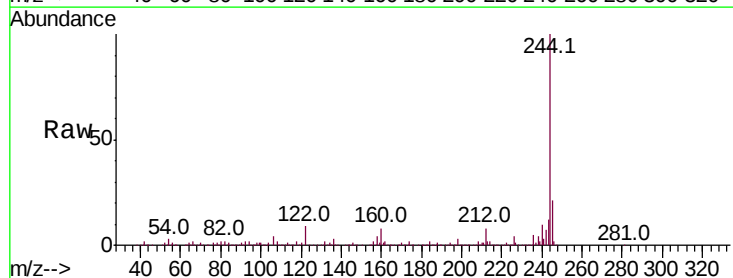
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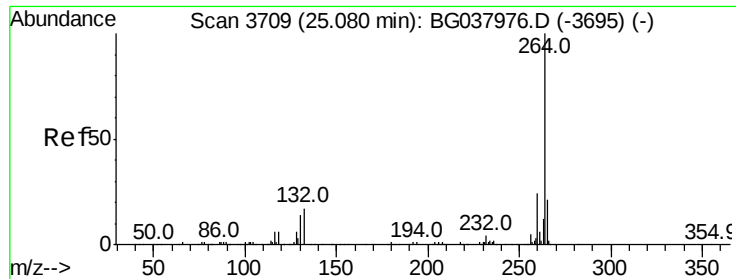
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.1	12.1
236	27.4	21.4	32.0



#79
 Terphenyl-d14
 Concen: 103.408 ng
 RT: 20.06 min Scan# 2855
 Delta R.T. -0.00 min
 Lab File: BG038280.D
 Acq: 1 Dec 2018 6:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	9.4	9.0	13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.06 min Scan# 3706
 Delta R.T. -0.02 min
 Lab File: BG038280.D
 Acq: 1 Dec 2018 6:29

Instrument :
 BNA_G
 ClientSampleId :
 112818-CHDE-F-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	20.9	17.9	26.9

