

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037499.D
 Acq On : 24 Oct 2018 7:01
 Operator : JU/SJ
 Sample : J5623-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 101918-SIDI-F-D-M

Quant Time: Oct 24 08:55:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

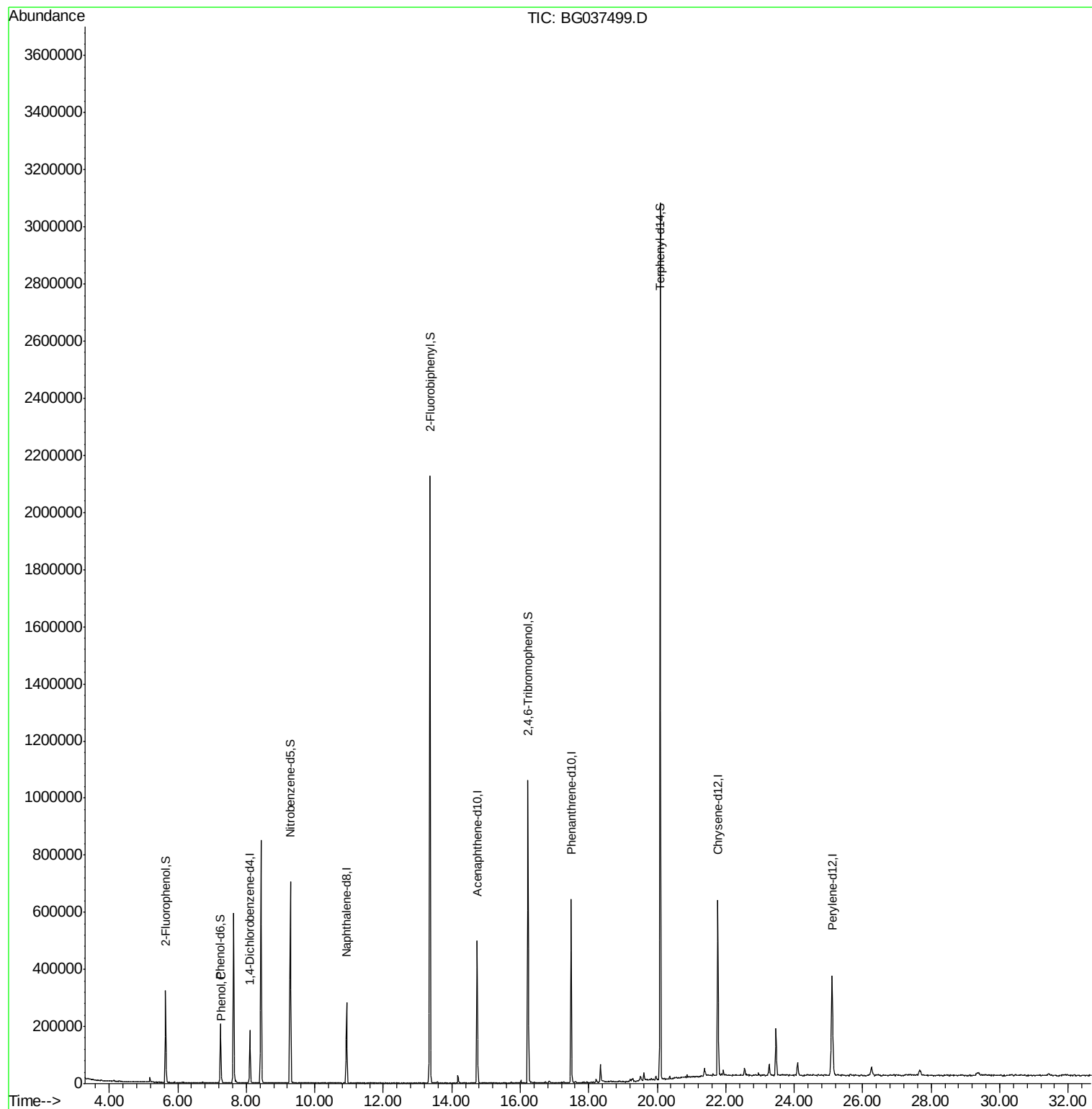
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	55123	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	252104	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	172540	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	413377	20.00	ng	0.00
76) Chrysene-d12	21.77	240	373530	20.00	ng	0.00
87) Perylene-d12	25.11	264	380533	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	149578	45.37	ng	0.00
7) Phenol-d6	7.25	99	132742	26.62	ng	0.00
23) Nitrobenzene-d5	9.29	82	450828	100.18	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	189131	100.50	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1128390	98.62	ng	0.00
79) Terphenyl-d14	20.09	244	1455871	83.28	ng	0.00
Target Compounds						
10) Phenol	7.27	94	11431	2.173	ng	Qvalue 99

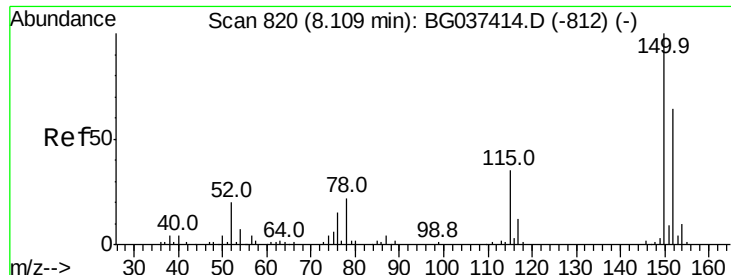
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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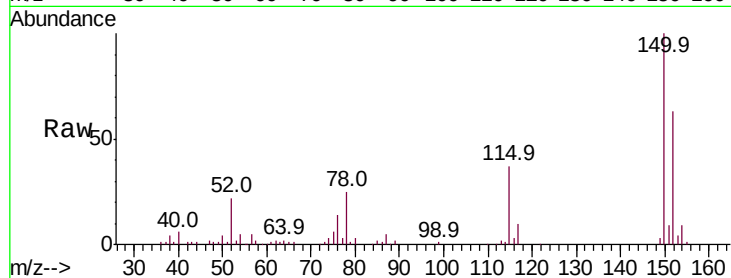


#1

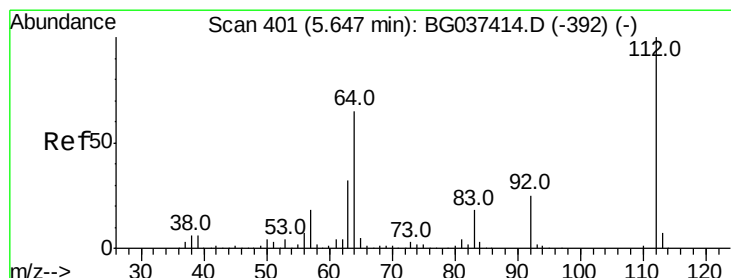
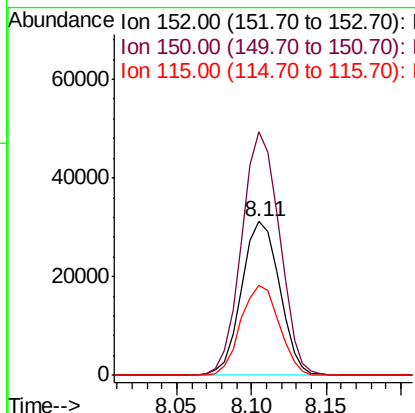
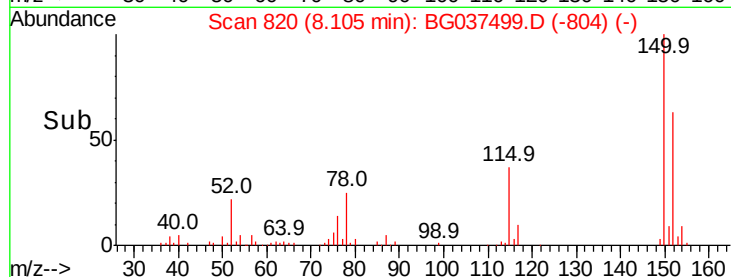
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

Instrument :
BNA_G
ClientSampleId :
101918-SIDI-F-D-M

Tot Ion:152 Resp: 55123
Ion Ratio Lower Upper
152 100
150 158.3 126.0 189.0
115 58.4 45.5 68.3



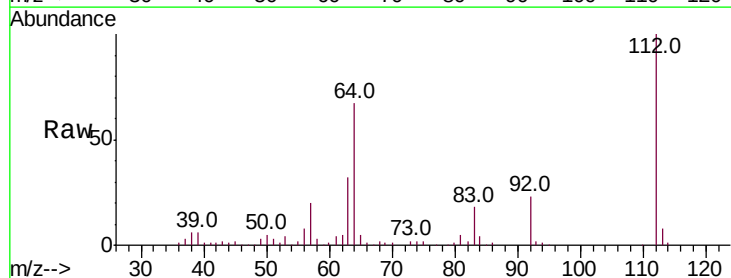
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



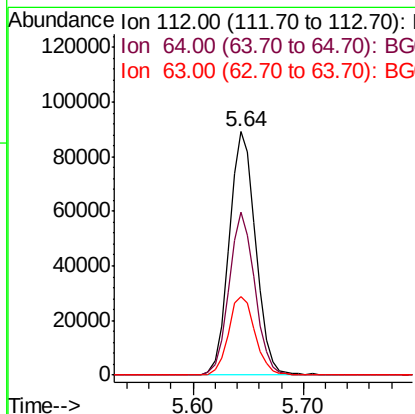
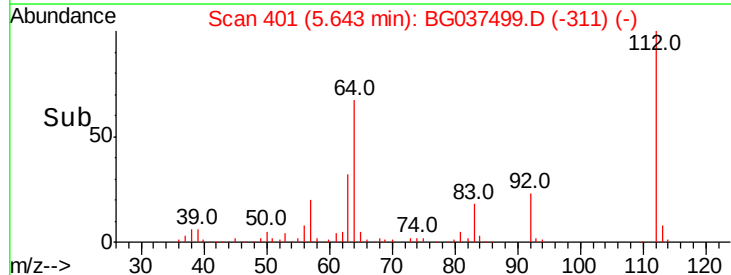
#5

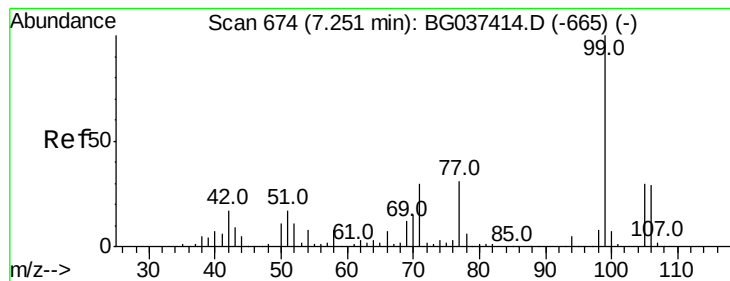
2-Fluorophenol
Concen: 45.366 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

Tgt Ion:112 Resp: 149578
Ion Ratio Lower Upper
112 100
64 67.0 53.1 79.7
63 32.3 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: 26.625 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037499.D

Acq: 24 Oct 2018 7:01

Instrument :

BNA_G

ClientSampleId :

101918-SIDI-F-D-M

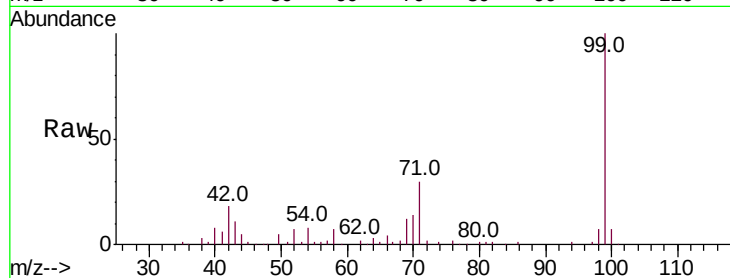
Tot Ion: 99 Resp: 132742

Ion Ratio Lower Upper

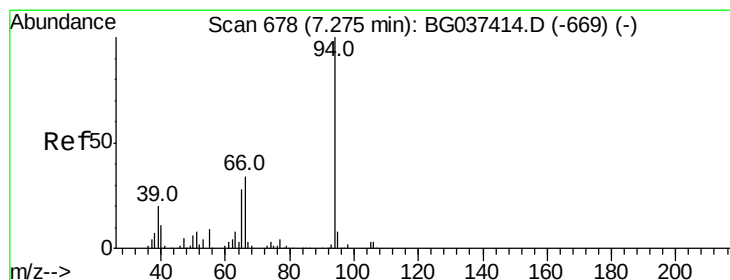
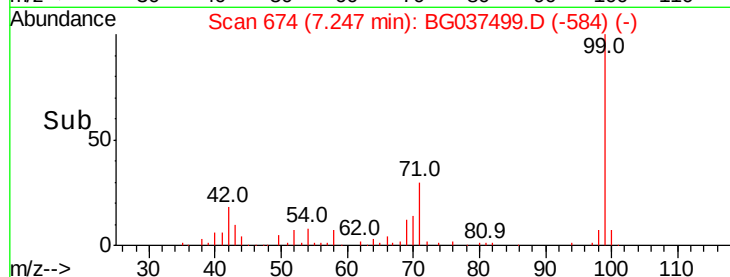
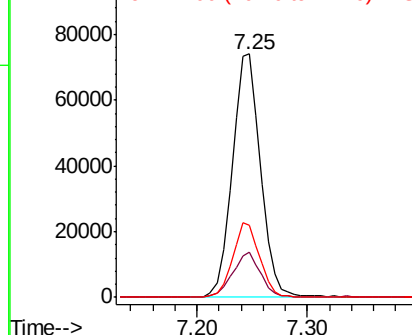
99 100

42 18.5 15.0 22.4

71 29.8 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: 2.173 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037499.D

Acq: 24 Oct 2018 7:01

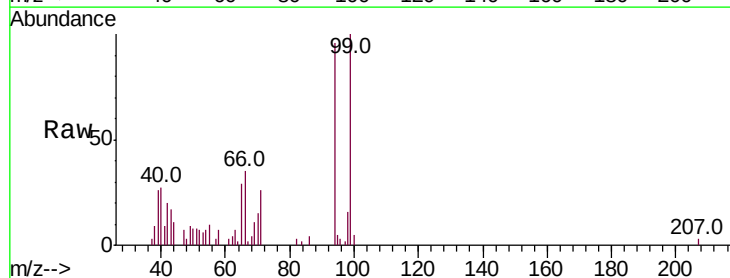
Tgt Ion: 94 Resp: 11431

Ion Ratio Lower Upper

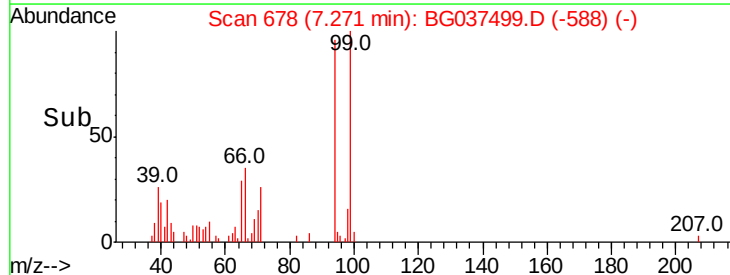
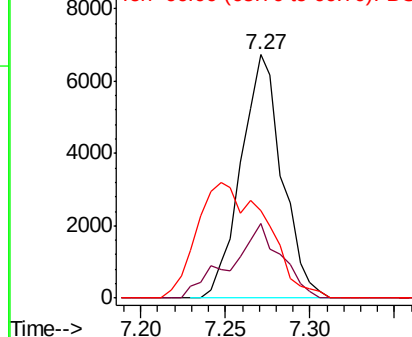
94 100

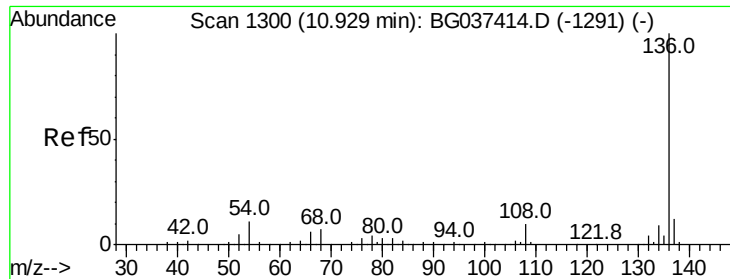
65 30.5 9.7 49.7

66 36.0 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

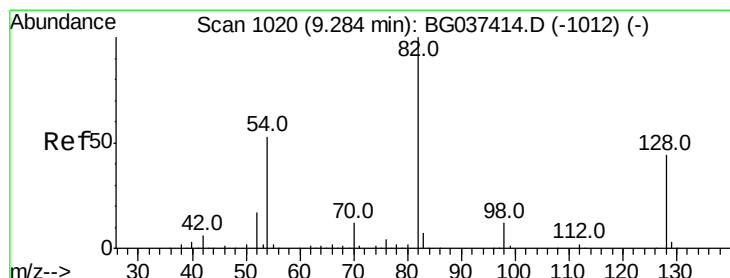
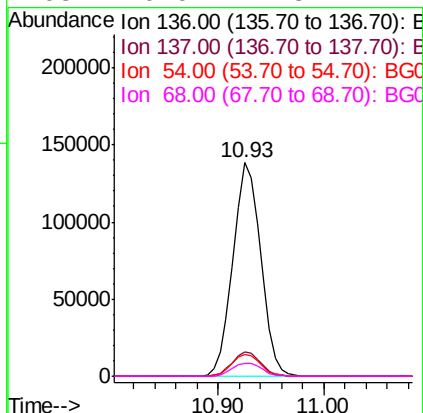
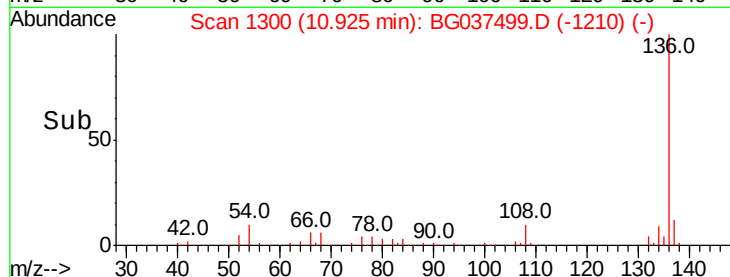
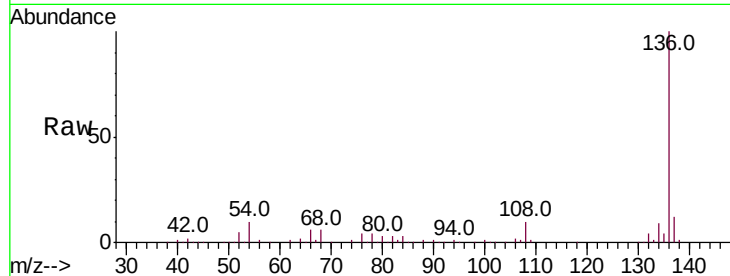




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

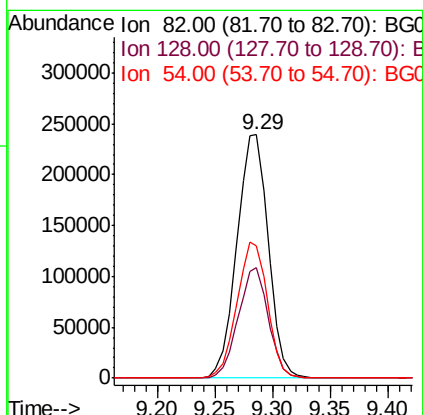
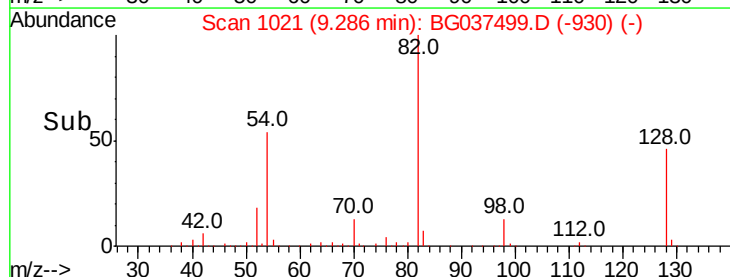
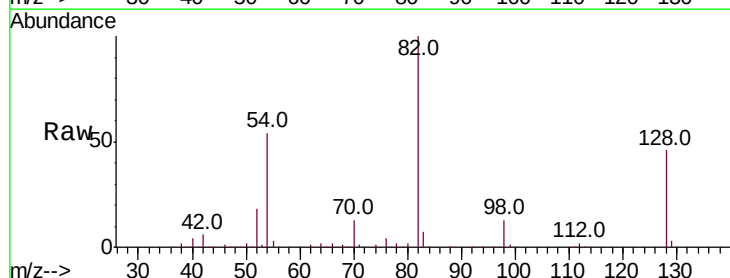
Instrument :
BNA_G
ClientSampleId :
101918-SIDI-F-D-M

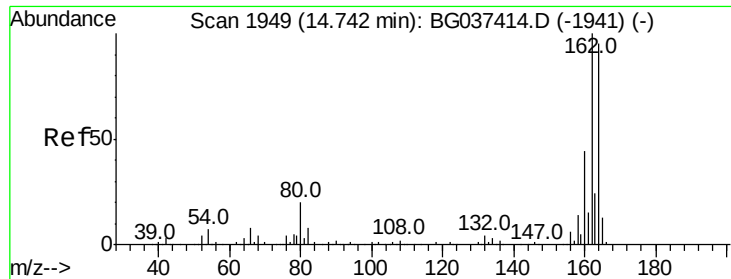
Tot Ion:	136	Resp:	252104
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	10.4	7.9	11.9
68	6.0	4.8	7.2



#23
Nitrobenzene-d5
Concen: 100.177 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

Tgt Ion:	82	Resp:	450828
Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	51.8
54	54.1	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037499.D

Acq: 24 Oct 2018 7:01

Instrument :

BNA_G

ClientSampleId :

101918-SIDI-F-D-M

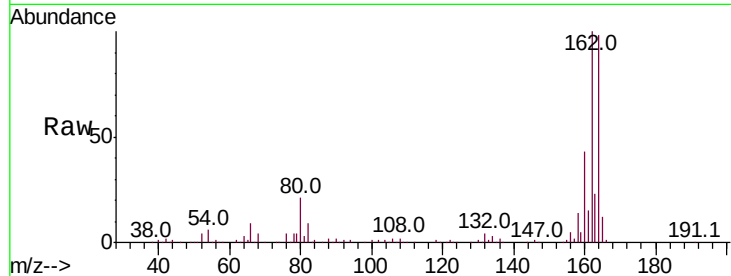
Tot Ion:164 Resp: 172540

Ion Ratio Lower Upper

164 100

162 101.7 81.3 121.9

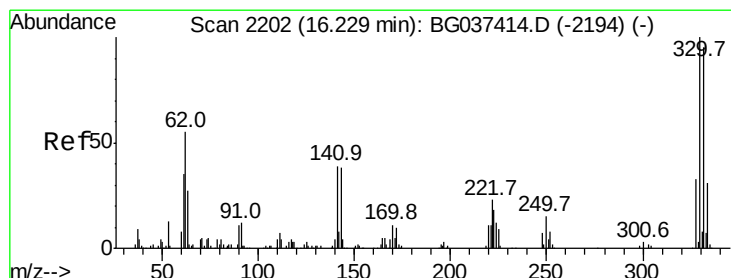
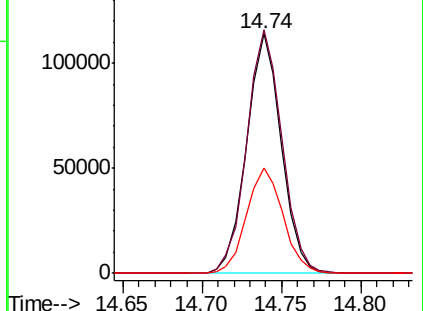
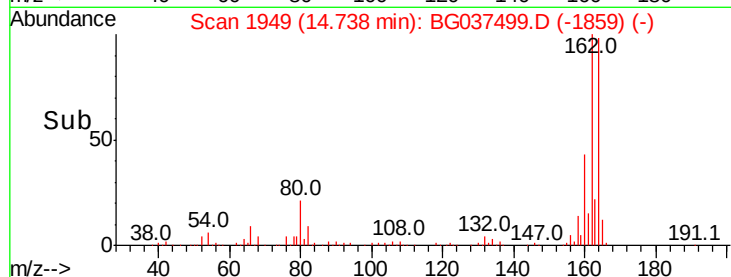
160 44.1 36.3 54.5



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: 100.501 ng

RT: 16.22 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037499.D

Acq: 24 Oct 2018 7:01

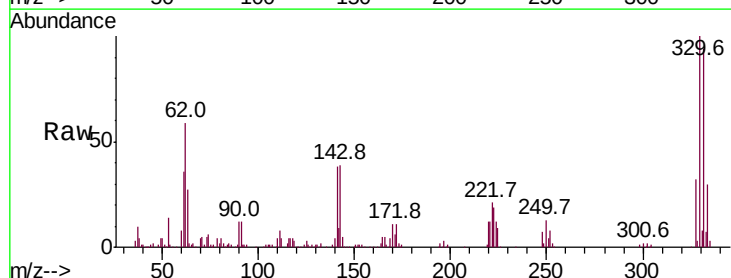
Tgt Ion:330 Resp: 189131

Ion Ratio Lower Upper

330 100

332 93.1 78.4 117.6

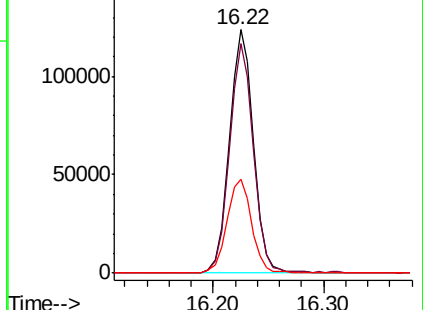
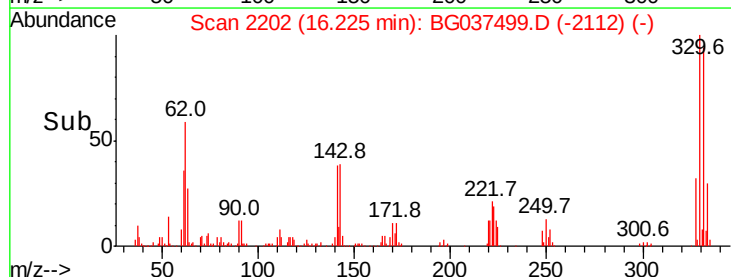
141 39.4 32.2 48.2

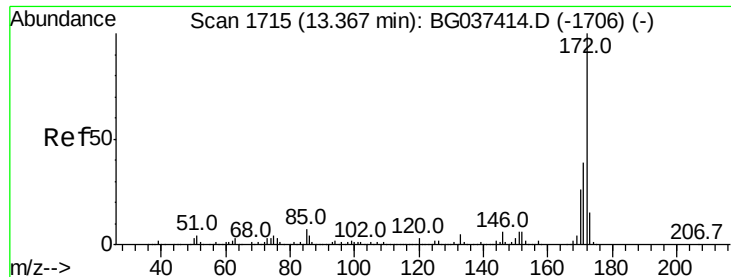


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



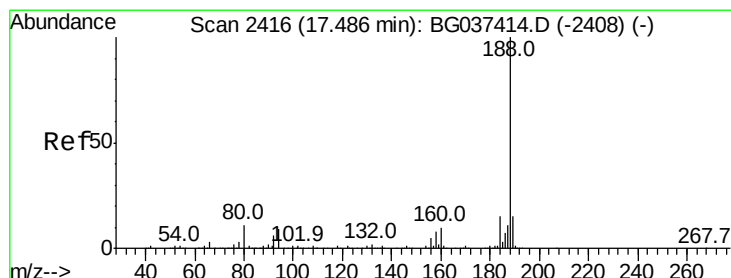
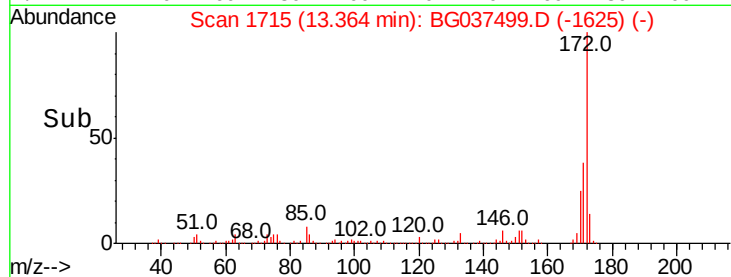
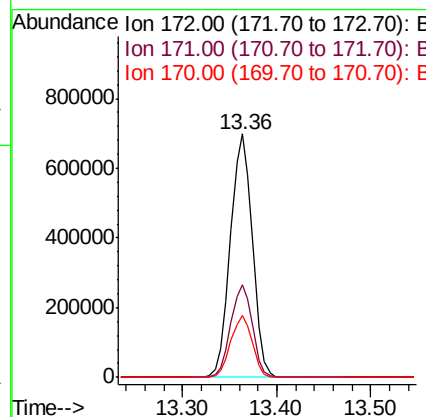
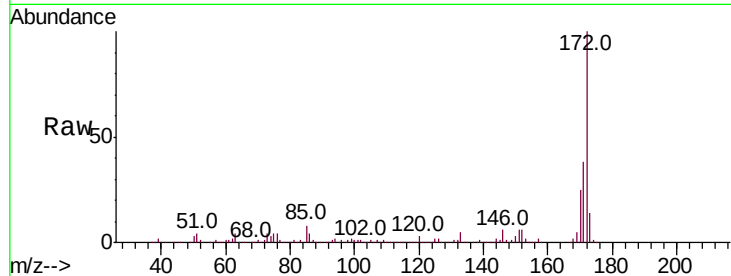


#45
 2-Fluorobiphenyl
 Concen: 98.618 ng
 RT: 13.36 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG037499.D
 Acq: 24 Oct 2018 7:01

Instrument :
 BNA_G
 ClientSampleId :
 101918-SIDI-F-D-M

Tot Ion:172 Resp: 1128390

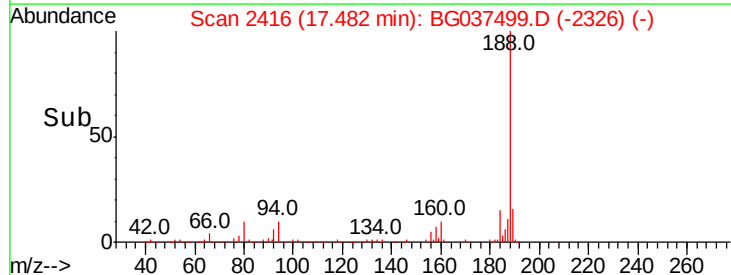
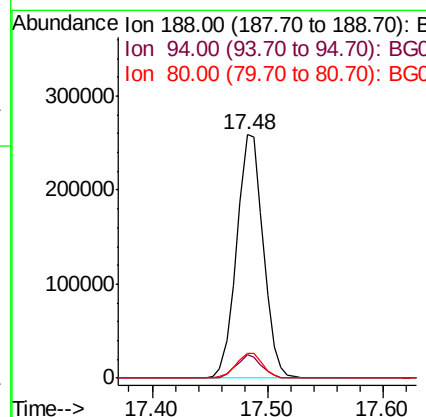
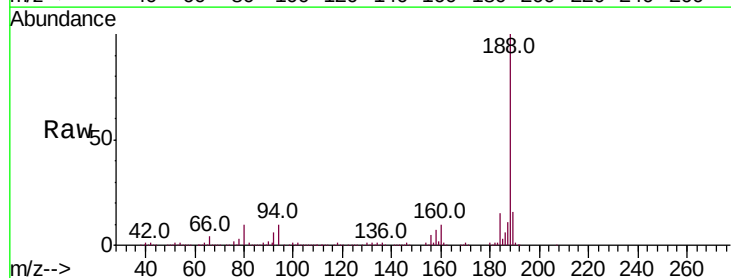
Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	25.4	20.2	30.2

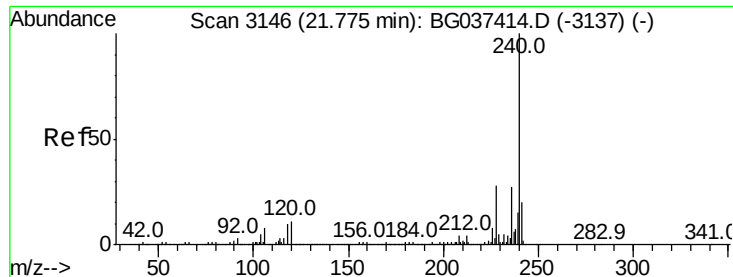


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037499.D
 Acq: 24 Oct 2018 7:01

Tgt Ion:188 Resp: 413377

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.2	10.8
80	10.4	7.7	11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037499.D

Acq: 24 Oct 2018 7:01

Instrument :

BNA_G

ClientSampleId :

101918-SIDI-F-D-M

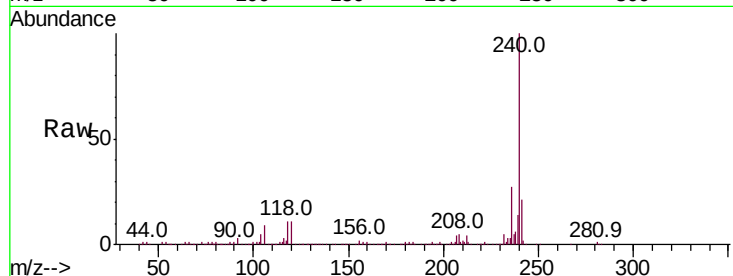
Tot Ion:240 Resp: 373530

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.1	12.1
236	27.2	21.4	32.0

240 100

120 11.2 8.1 12.1

236 27.2 21.4 32.0

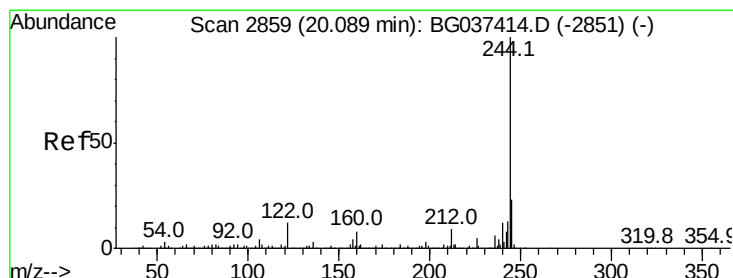
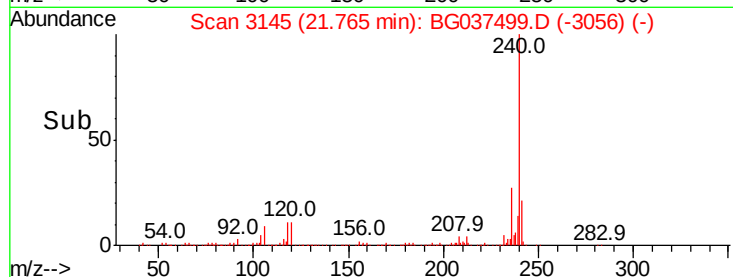
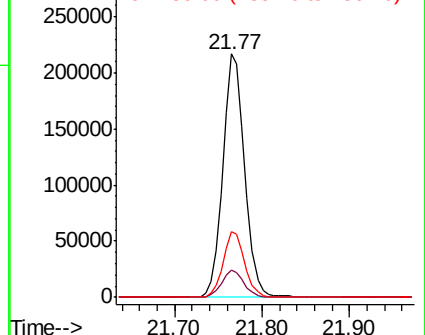


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 83.283 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037499.D

Acq: 24 Oct 2018 7:01

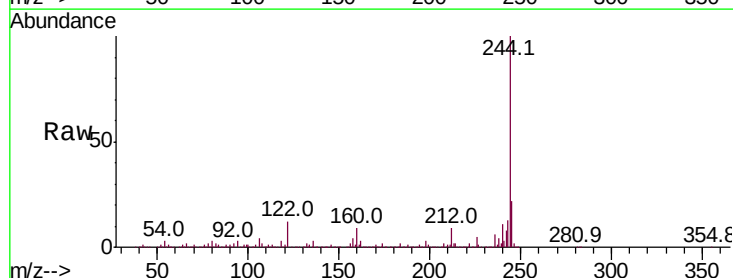
Tgt Ion:244 Resp: 1455871

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	12.0	9.0	13.4

244 100

212 8.5 6.5 9.7

122 12.0 9.0 13.4

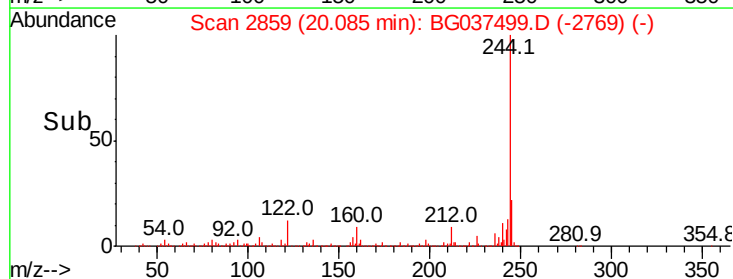
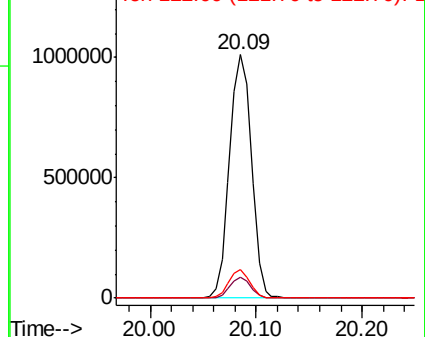


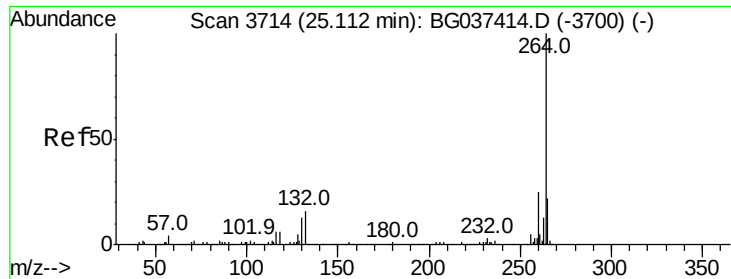
Abundance

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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

Instrument :
BNA_G
ClientSampleId :
101918-SIDI-F-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	21.4	17.9	26.9

