

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
 Data File : BG037922.D
 Acq On : 9 Nov 2018 16:03
 Operator : JU/SJ
 Sample : J5860-25
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP2-SB-111(17-19)

Manual Integrations
 APPROVED

Sohil
 11/12/2018 11:10:28 AM

Quant Time: Nov 12 06:40:33 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	8.10	152	54106	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	187367	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	134083	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	293175	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	258303	20.00	ng	-0.02
87) Perylene-d12	25.09	264	241950	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	327989	101.35	ng	0.00
7) Phenol-d6	7.24	99	499488	102.07	ng	0.00
23) Nitrobenzene-d5	9.29	82	349195m	104.40	ng	0.01
42) 2,4,6-Tribromophenol	16.22	330	195070	133.39	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	752186	84.59	ng	-0.01
79) Terphenyl-d14	20.07	244	1050105	86.87	ng	-0.02
Target Compounds						
31) Naphthalene	10.99	128	981974	106.702	ng	# 72
37) 2-Methylnaphthalene	12.60	142	3387317	504.921	ng	# 83
38) 1-Methylnaphthalene	12.80	142	1666340	255.769	ng	# 98
46) 1,1'-Biphenyl	13.57	154	64254	5.786	ng	99
50) Dimethylphthalate	14.17	163	129907	12.524	ng	99

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

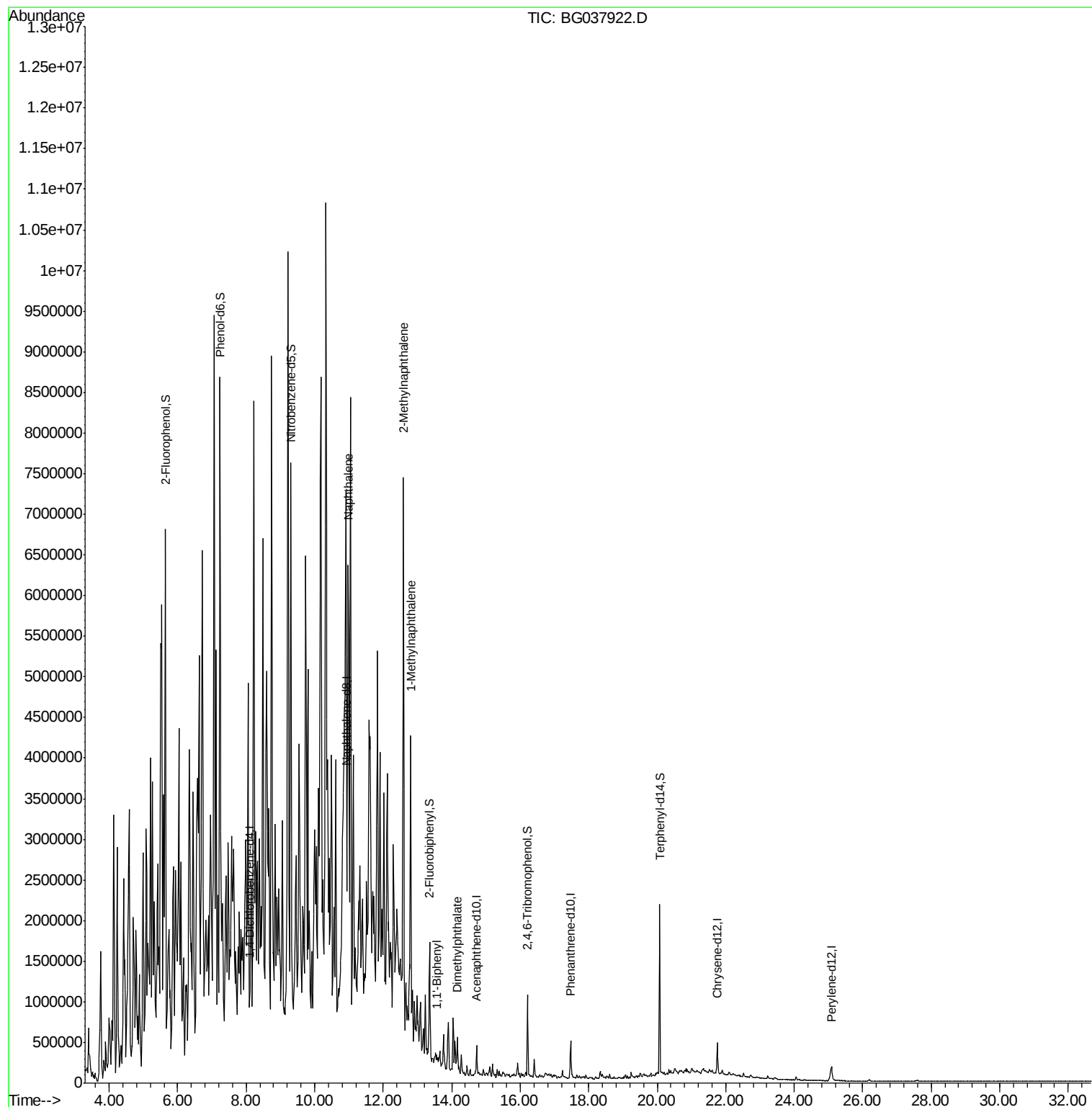
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
Data File : BG037922.D
Acq On : 9 Nov 2018 16:03
Operator : JU/SJ
Sample : J5860-25
Misc :
ALS Vial : 4 Sample Multiplier: 1

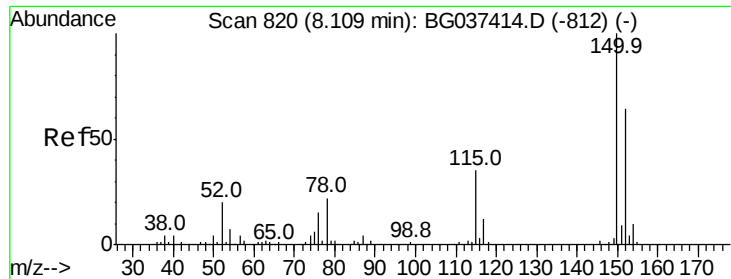
Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Manual Integrations
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11/12/2018 11:10:28 AM

Quant Time: Nov 12 06:40:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

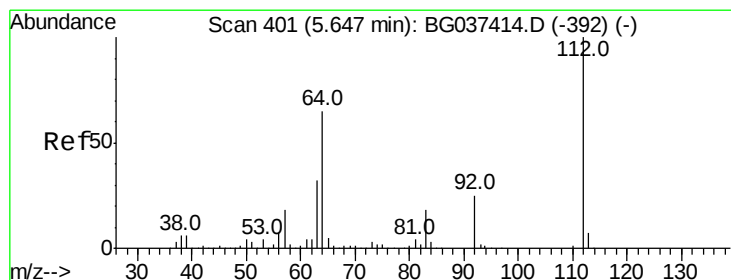
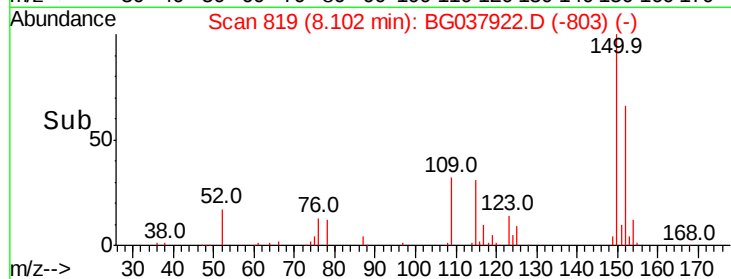
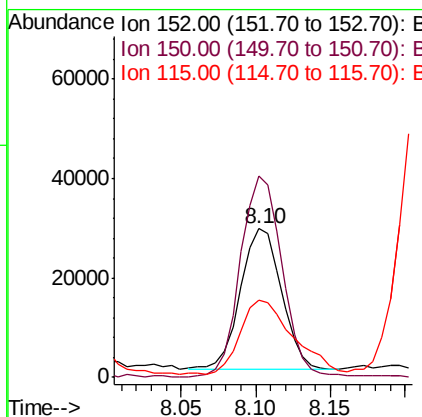
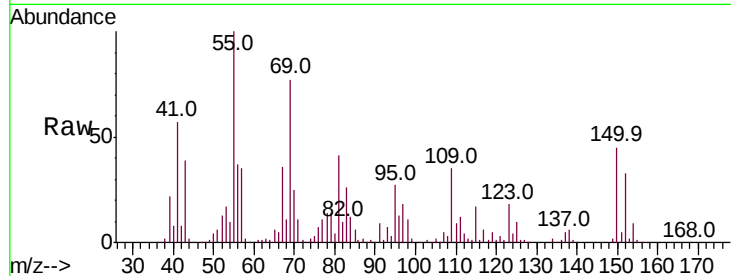
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Tot Ion	Ratio	Lower	Upper
152	100		
150	135.8	126.0	189.0
115	51.9	45.5	68.3

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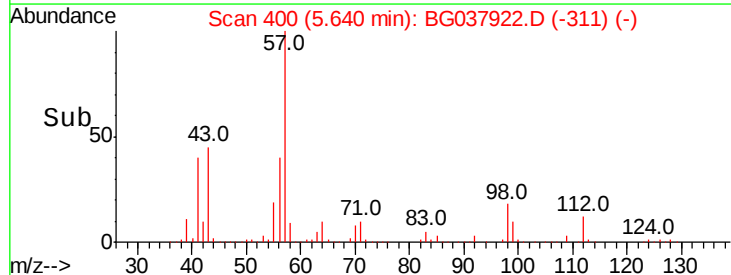
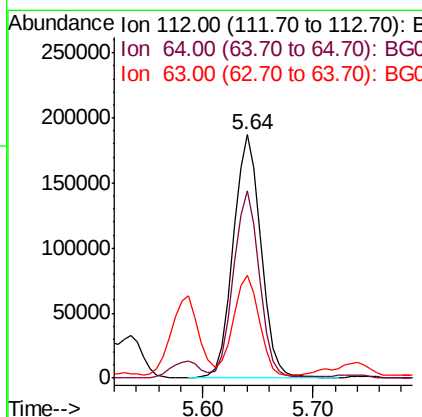
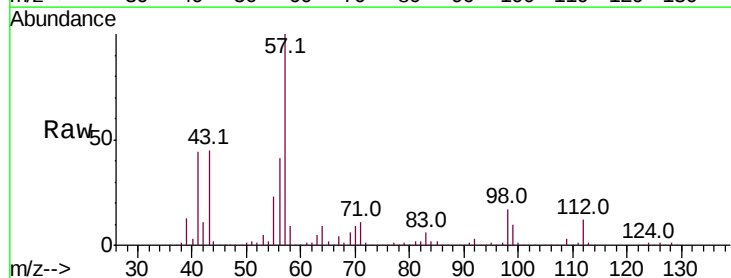
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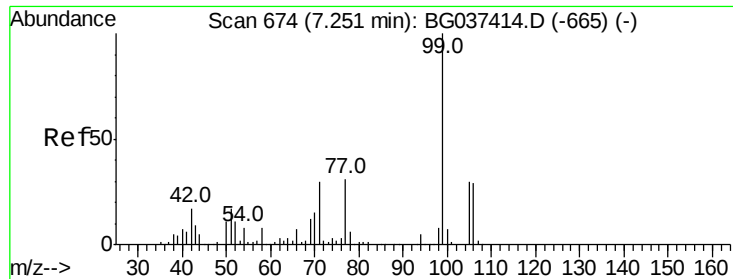


#5

2-Fluorophenol
Concen: 101.347 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.1	53.1	79.7
63	42.3	27.3	40.9





#7

Phenol-d6

Concen: 102.068 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037922.D

Acq: 9 Nov 2018 16:03

Instrument :

BNA_G

ClientSampleId :

EP2-SB-111(17-19)

Tot Ion: 99 Resp: 499488

Ion Ratio Lower Upper

99 100

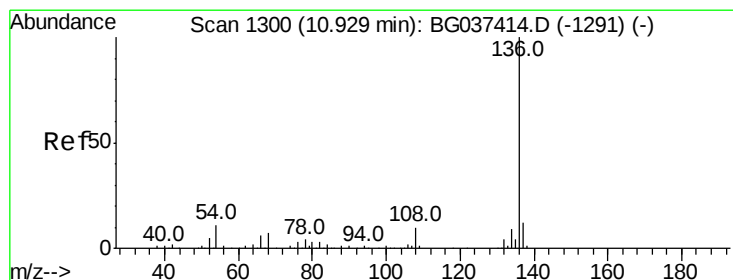
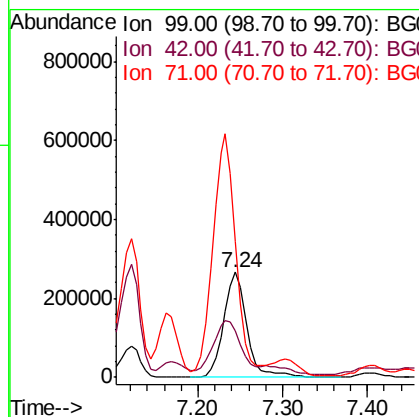
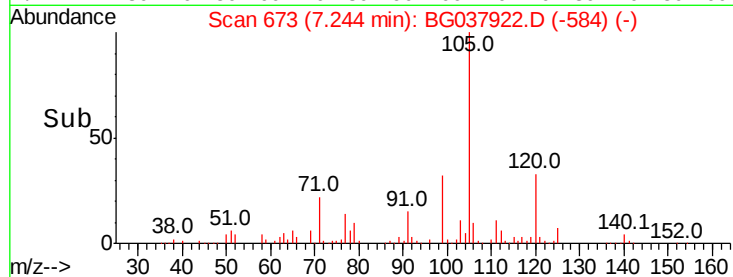
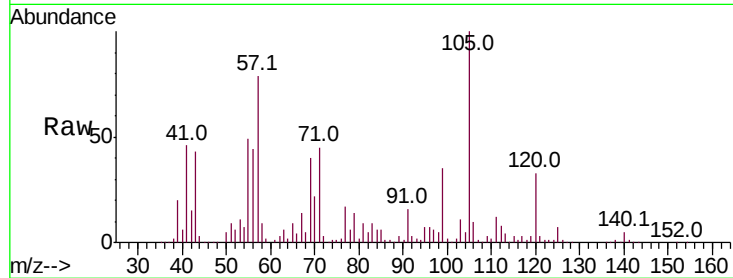
42 44.0 15.0 22.4#

71 129.3 25.5 38.3#

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BG037922.D

Acq: 9 Nov 2018 16:03

Tgt Ion:136 Resp: 187367

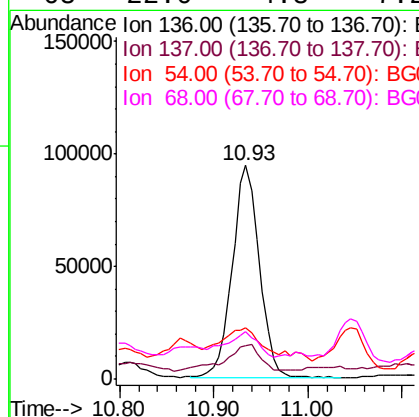
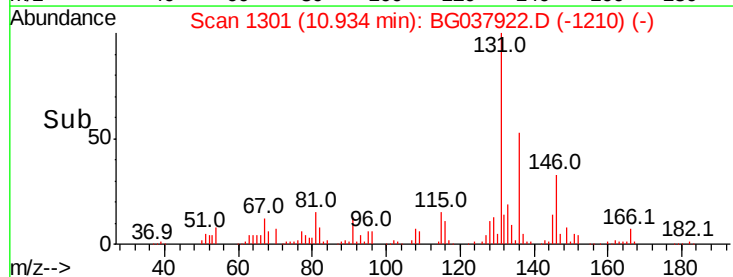
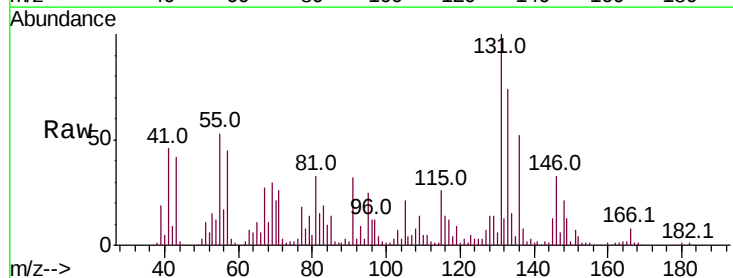
Ion Ratio Lower Upper

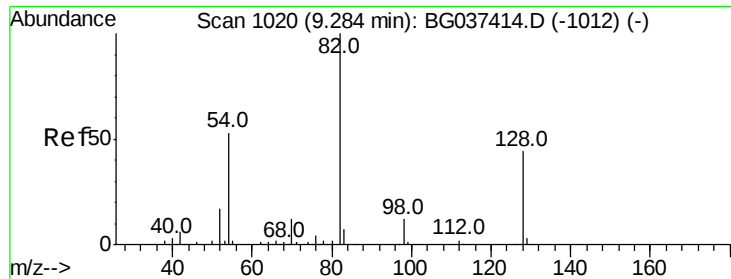
136 100

137 15.6 9.6 14.4#

54 23.8 7.9 11.9#

68 22.0 4.8 7.2#





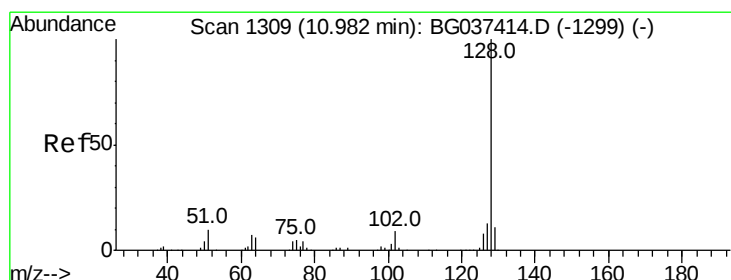
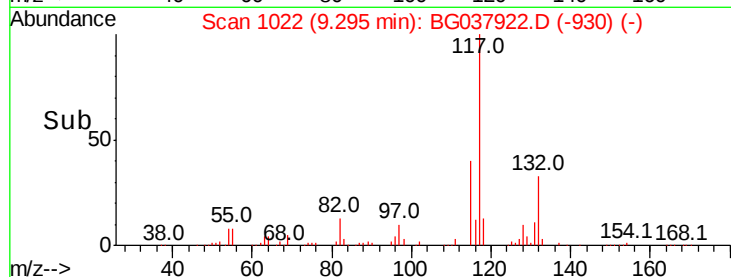
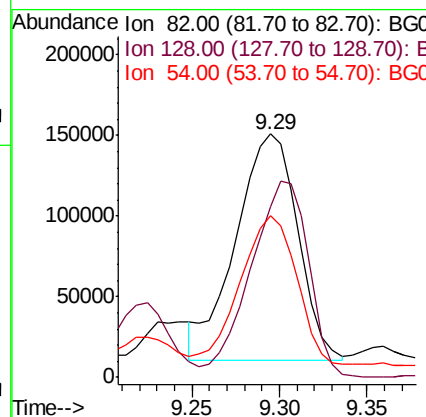
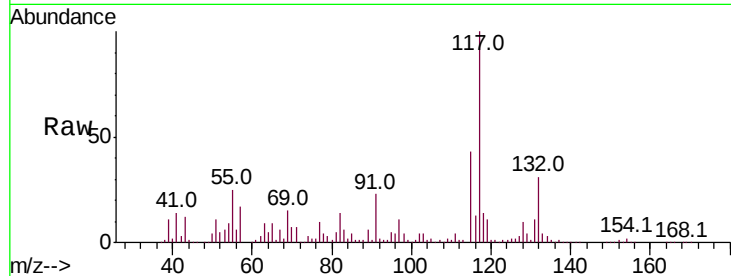
#23
Nitrobenzene-d5
Concen: 104.402 ng/ml
RT: 9.29 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Tot Ion	Ratio	Lower	Upper
82	100		
128	69.9	34.6	51.8#
54	66.4	45.3	67.9

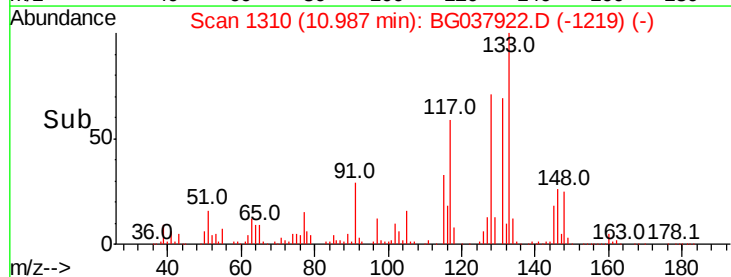
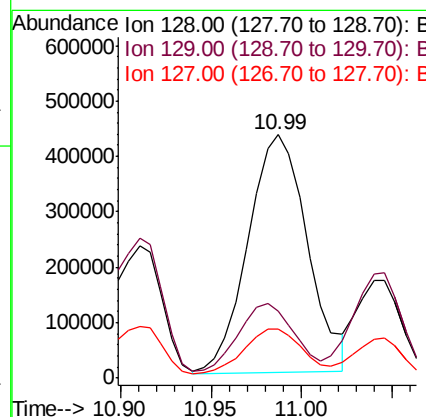
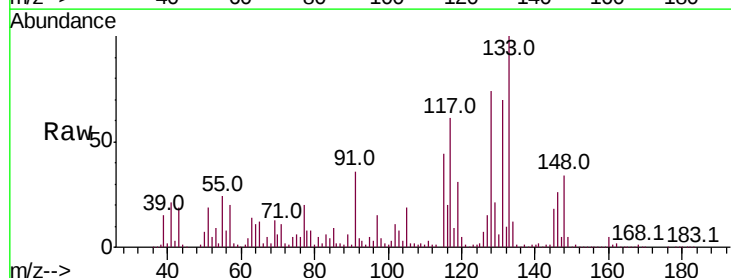
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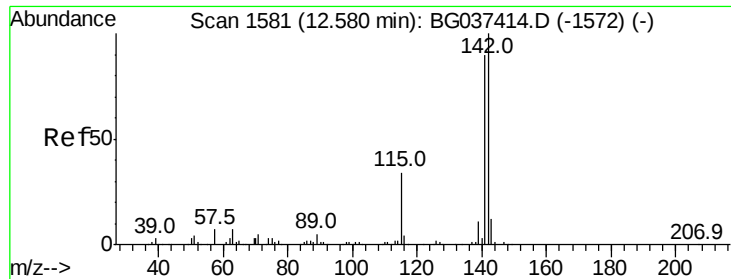
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#31
Naphthalene
Concen: 106.702 ng/ml
RT: 10.99 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Tgt Ion	Ratio	Lower	Upper
128	100		
129	27.7	9.0	13.6#
127	20.2	11.1	16.7#





#37

2-Methylnaphthalene

Concen: 504.921 ng

RT: 12.60 min Scan# 1584

Delta R.T. 0.02 min

Lab File: BG037922.D

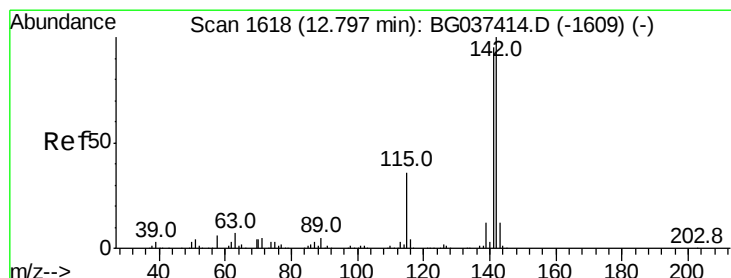
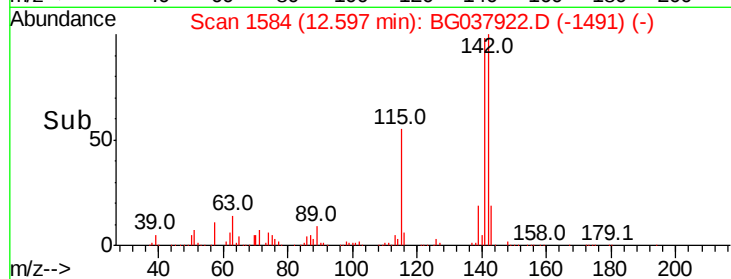
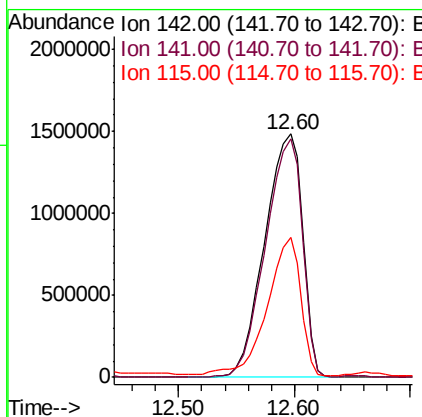
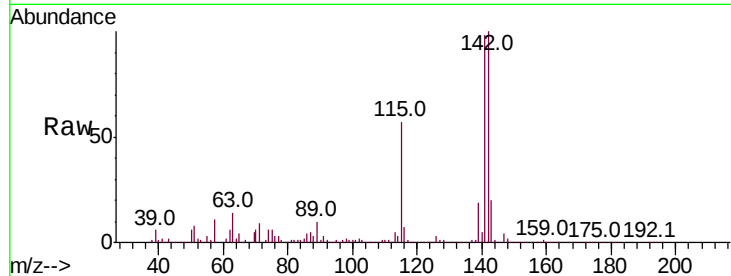
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Tot Ion	Ratio	Lower	Upper
142	100		
141	98.0	71.9	107.9
115	57.4	27.8	41.8

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#38

1-Methylnaphthalene

Concen: 255.769 ng

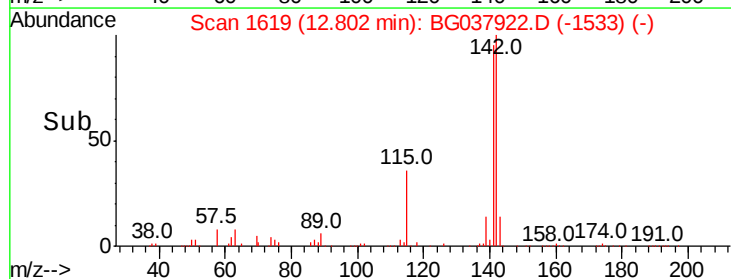
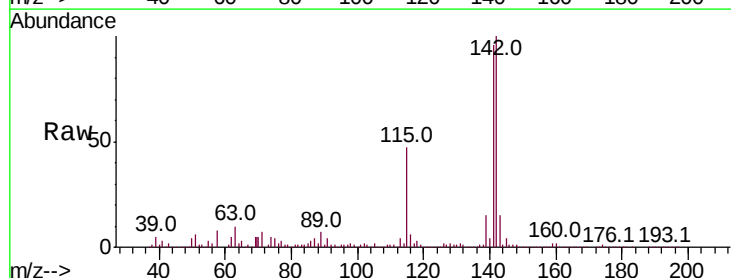
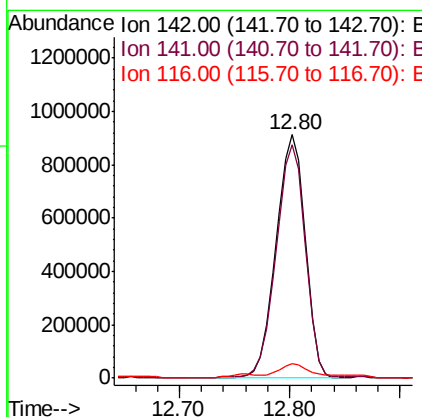
RT: 12.80 min Scan# 1619

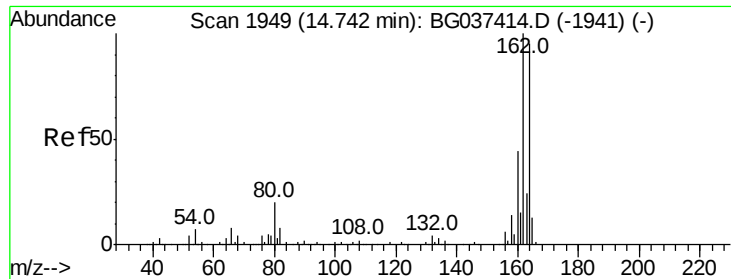
Delta R.T. 0.00 min

Lab File: BG037922.D

Acq: 9 Nov 2018 16:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.7	75.2	112.8
116	5.9	3.3	4.9





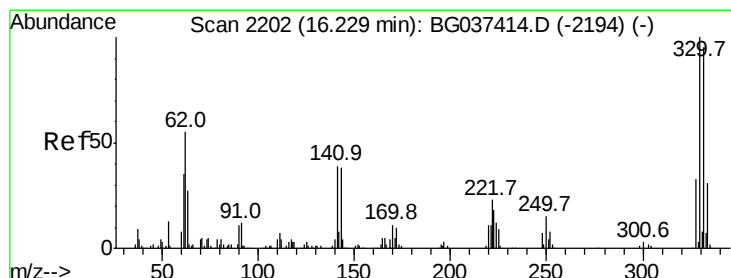
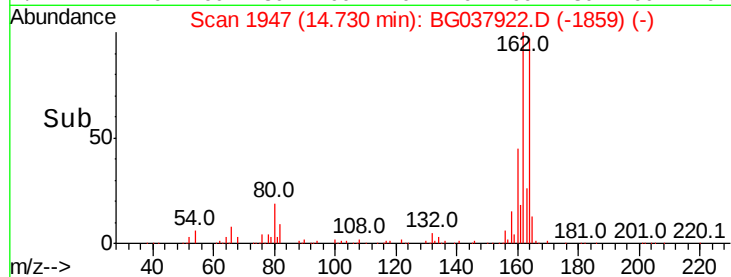
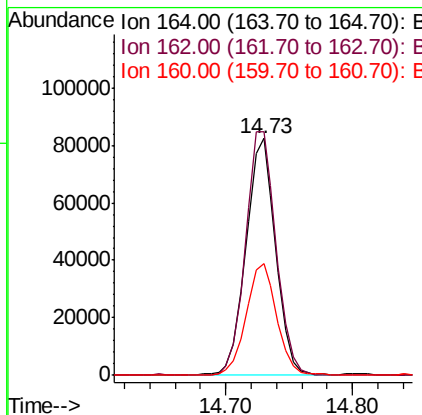
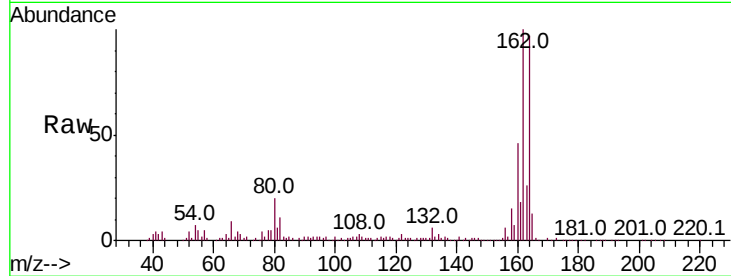
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.3	121.9
160	47.1	36.3	54.5

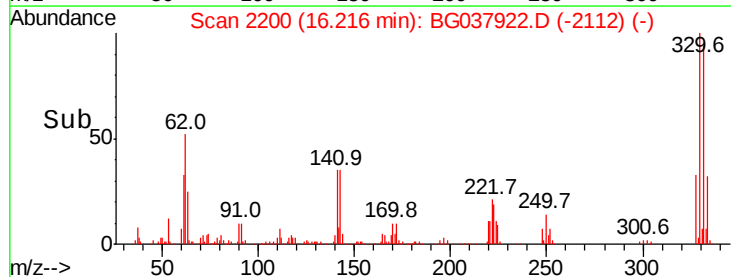
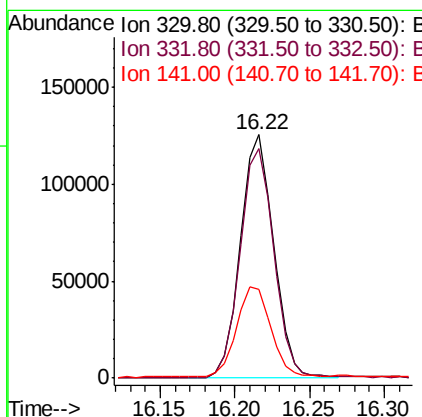
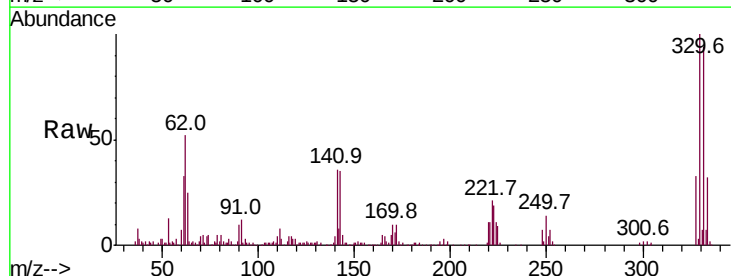
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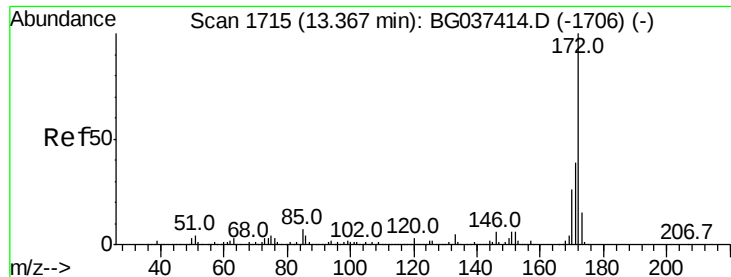
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#42
2,4,6-Tribromophenol
Concen: 133.388 ng
RT: 16.22 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.4	117.6
141	37.9	32.2	48.2





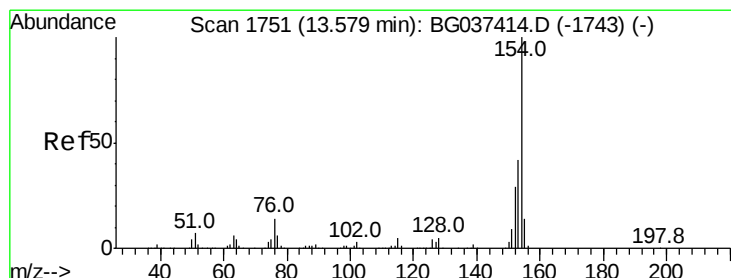
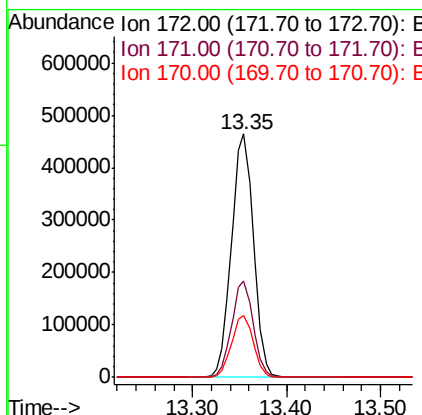
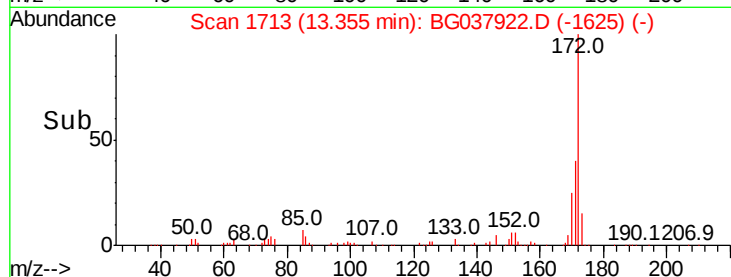
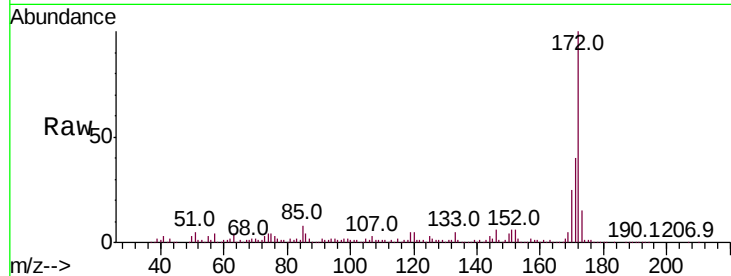
#45
2-Fluorobiphenyl
Concen: 84.593 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Tot Ion:172	Resp:	752186
Ion Ratio	Lower	Upper
172 100		
171 39.6	31.0	46.4
170 25.5	20.2	30.2

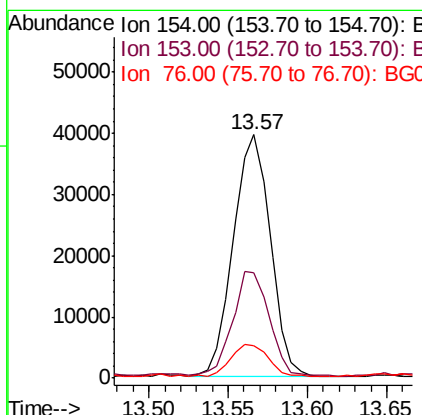
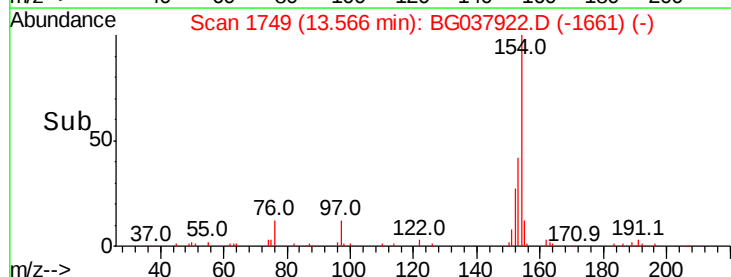
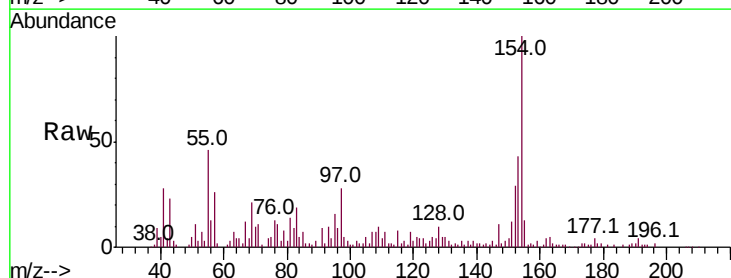
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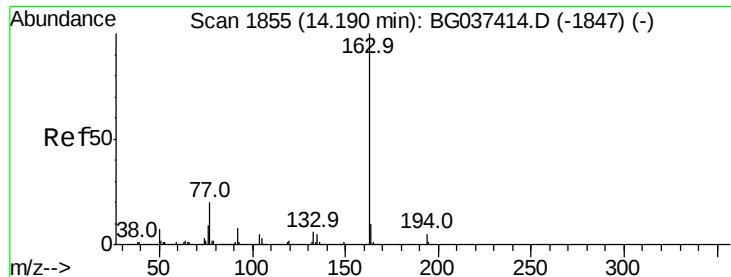
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#46
1,1'-Biphenyl
Concen: 5.786 ng
RT: 13.57 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Tgt Ion:154	Resp:	64254
Ion Ratio	Lower	Upper
154 100		
153 43.3	22.1	62.1
76 13.1	0.0	33.2





#50

Dimethylphthalate

Concen: 12.524 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BG037922.D

Acq: 9 Nov 2018 16:03

Instrument :

BNA_G

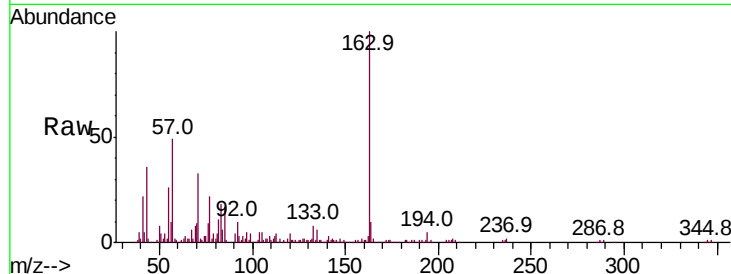
ClientSampleId :

EP2-SB-111(17-19)

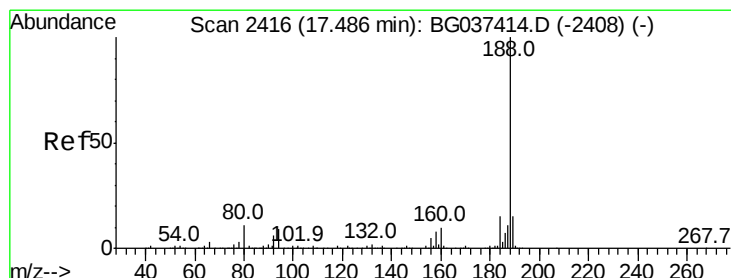
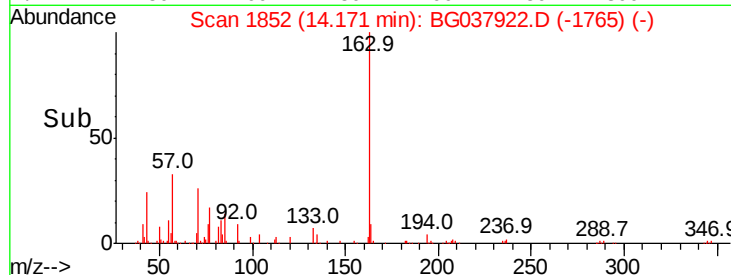
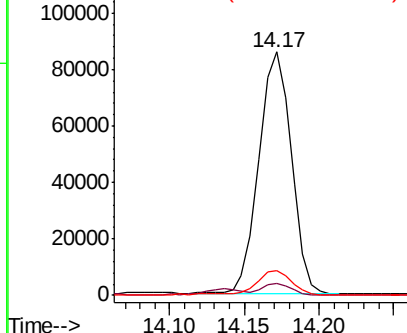
Tot Ion:	163	Resp:	129907
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.5	5.3
164	10.0	8.5	12.7

Manual Integrations
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

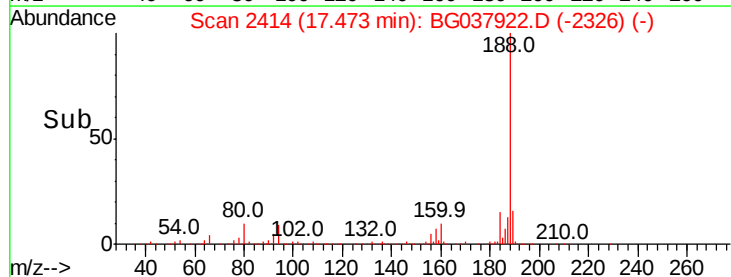
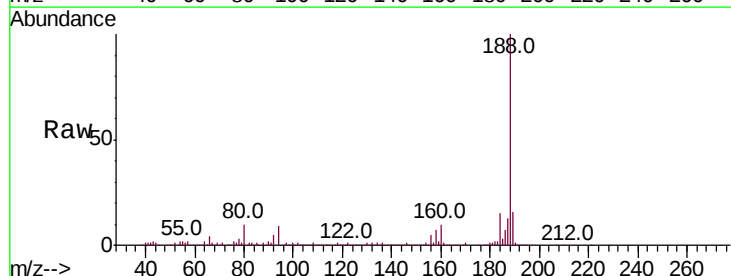
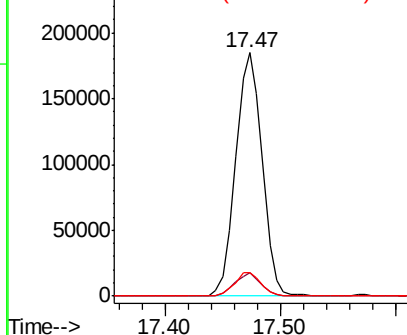
Delta R.T. -0.01 min

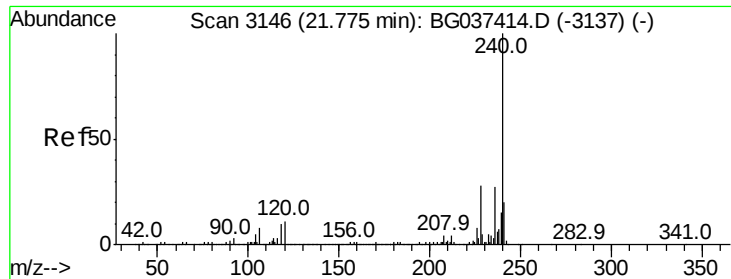
Lab File: BG037922.D

Acq: 9 Nov 2018 16:03

Tgt Ion:	188	Resp:	293175
Ion Ratio	Lower	Upper	
188	100		
94	9.4	7.2	10.8
80	9.7	7.7	11.5

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





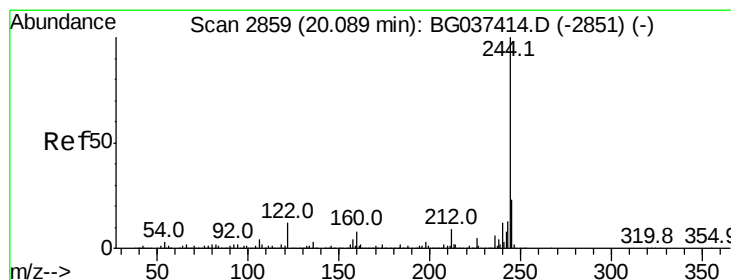
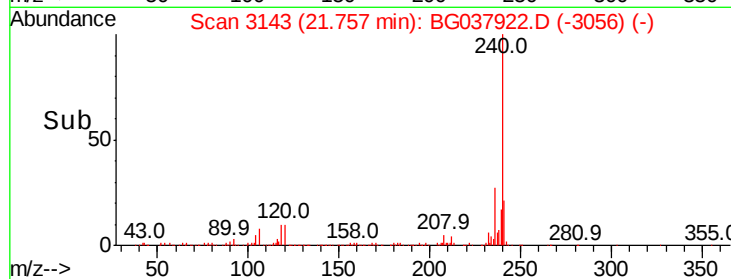
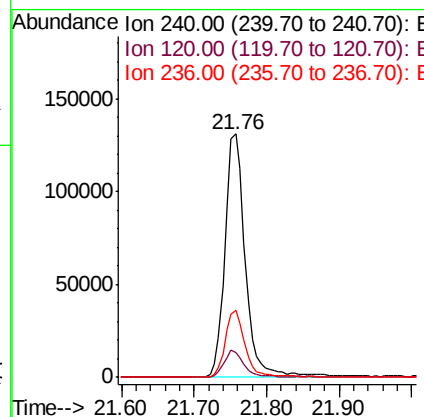
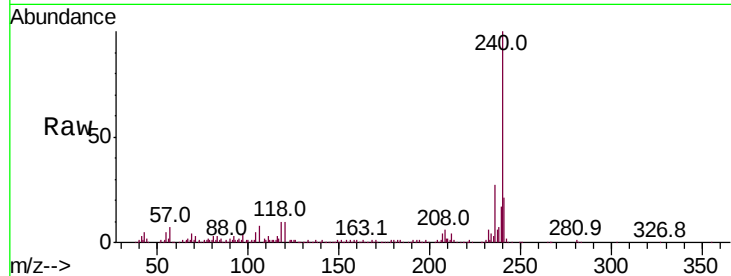
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG037922.D
 Acq: 9 Nov 2018 16:03

Instrument :
 BNA_G
 ClientSampleId :
 EP2-SB-111(17-19)

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.1	12.1
236	27.3	21.4	32.0

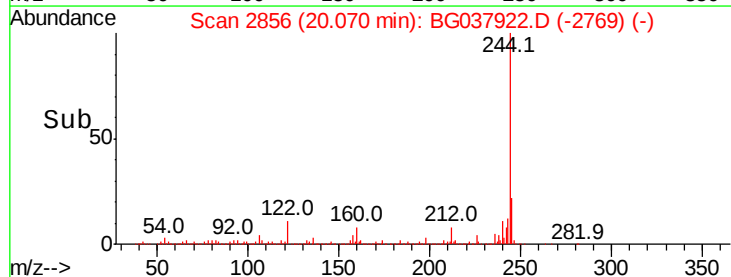
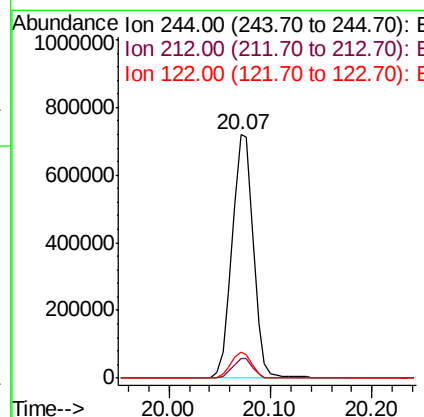
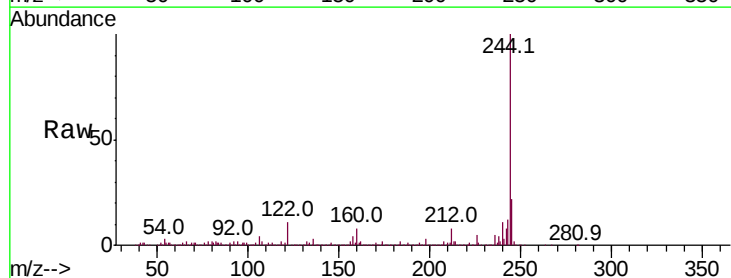
Manual Integrations
 APPROVED

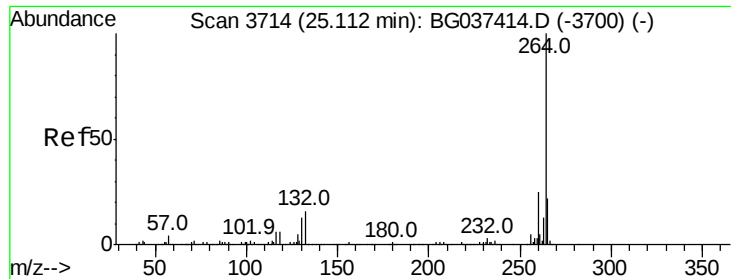
Sohil
 11/12/2018 11:10:28 AM



#79
 Terphenyl-d14
 Concen: 86.868 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. -0.02 min
 Lab File: BG037922.D
 Acq: 9 Nov 2018 16:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	10.9	9.0	13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Tot Ion:	264	Resp:	241950
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.2	27.4
265	22.6	17.9	26.9

Manual Integrations
APPROVED

Sohil
11/12/2018 11:10:28 AM

