

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042950.D
 Acq On : 30 Sep 2019 19:34
 Operator : JU
 Sample : K5083-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190702-RR-COMPOSITE-2

Quant Time: Oct 01 07:48:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

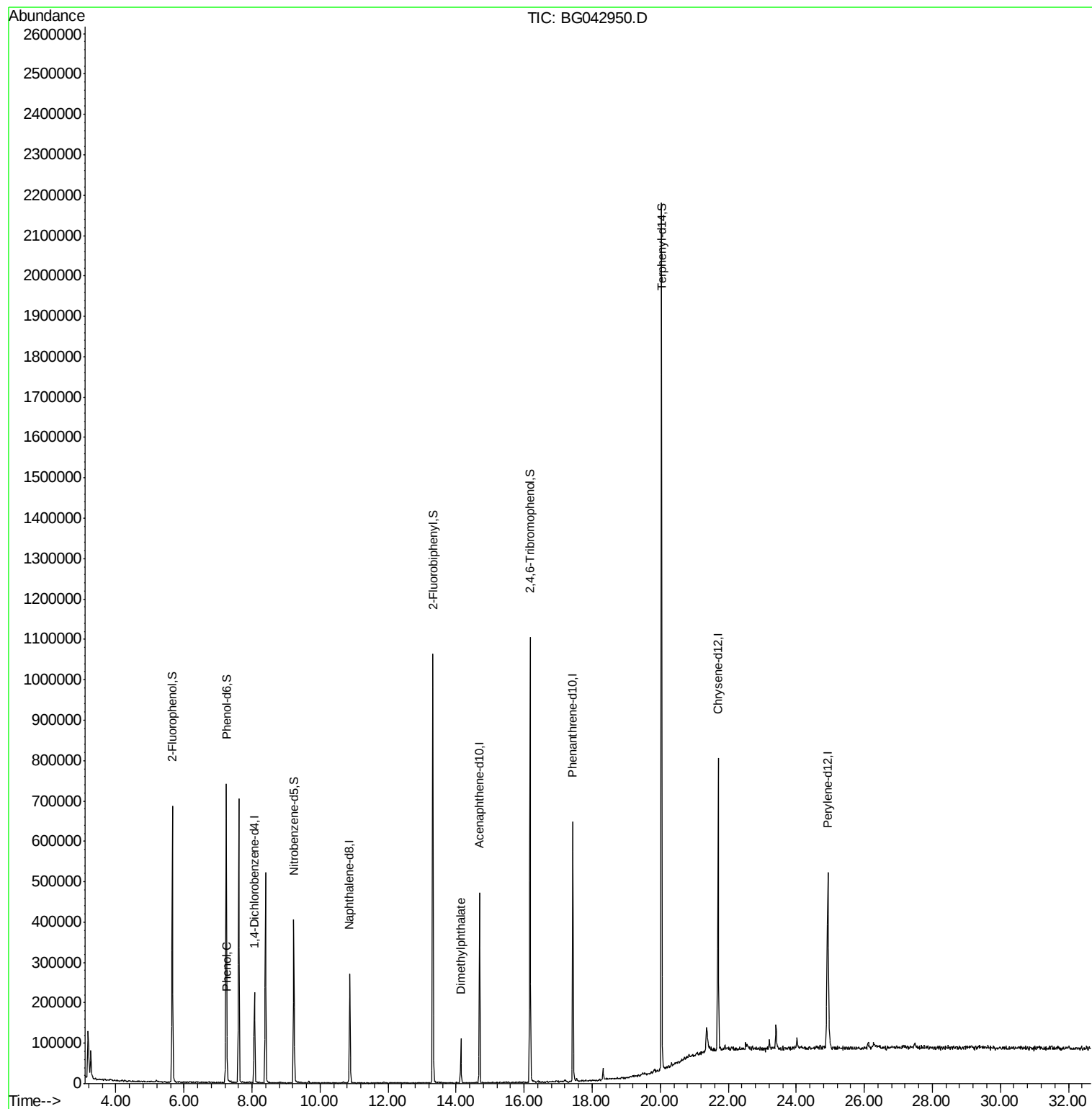
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	64413	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	233089	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	170313	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	400043	20.00	ng	0.00
76) Chrysene-d12	21.70	240	441893	20.00	ng	-0.01
87) Perylene-d12	24.93	264	505329	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	278284	77.10	ng	0.00
7) Phenol-d6	7.24	99	406664	78.24	ng	0.00
23) Nitrobenzene-d5	9.23	82	252023	52.55	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	219585	74.98	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	572274	48.71	ng	0.00
79) Terphenyl-d14	20.04	244	1044315	50.36	ng	0.00
Target Compounds						
10) Phenol	7.27	94	12527	2.627	ng	# 78
50) Dimethylphthalate	14.14	163	76461	5.992	ng	# 95

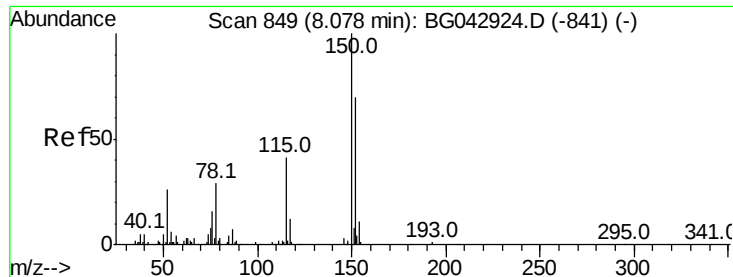
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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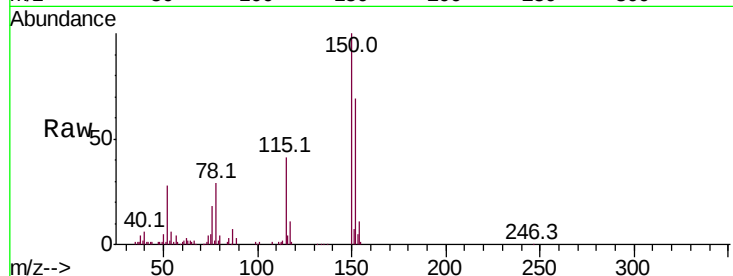


#1

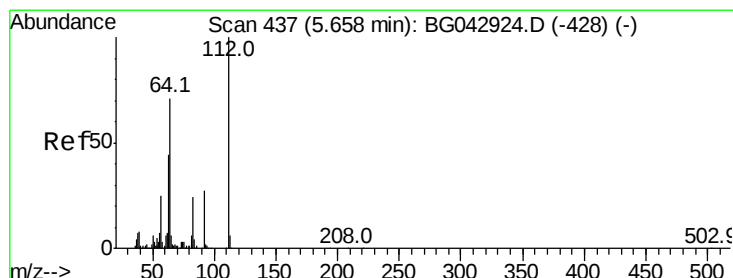
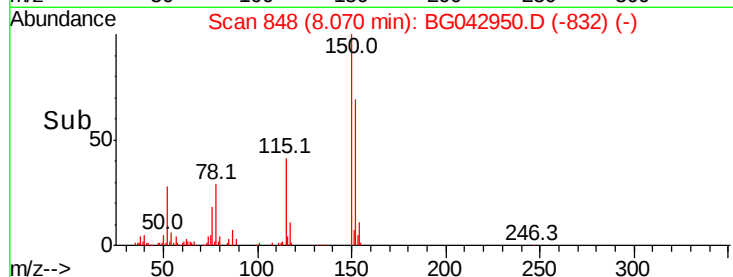
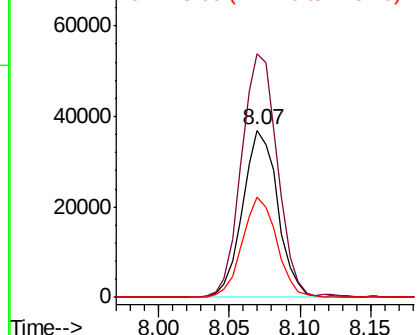
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042950.D
Acq: 30 Sep 2019 19:34

Instrument :
BNA_G
ClientSampleId :
20190702-RR-COMPOSITE-2

Tot Ion:152 Resp: 64413
Ion Ratio Lower Upper
152 100
150 145.5 115.0 172.4
115 59.6 47.0 70.6



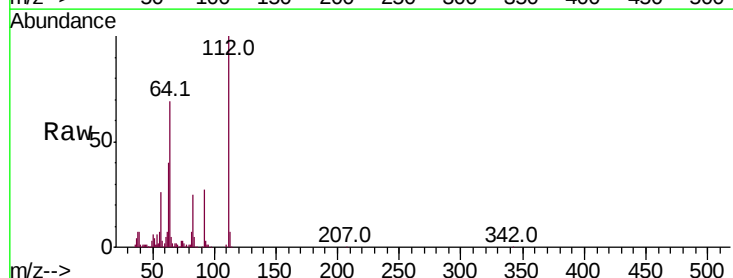
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



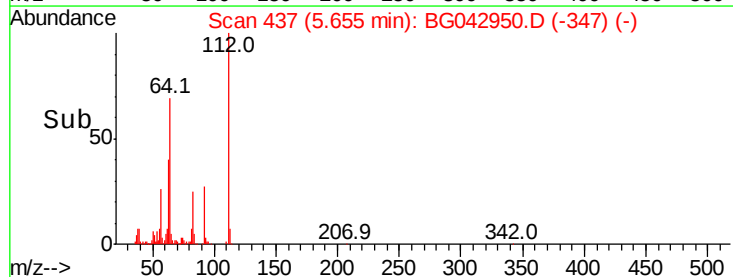
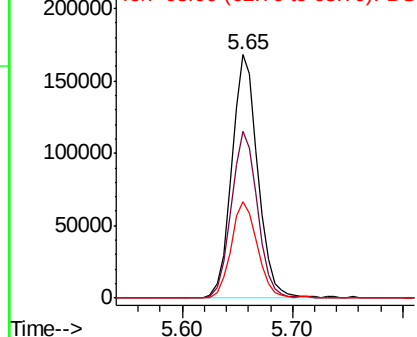
#5

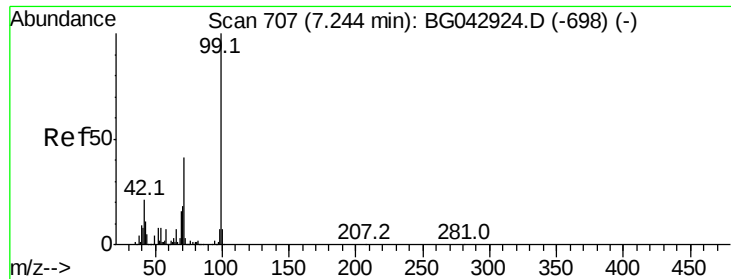
2-Fluorophenol
Concen: 77.101 ng
RT: 5.65 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042950.D
Acq: 30 Sep 2019 19:34

Tgt Ion:112 Resp: 278284
Ion Ratio Lower Upper
112 100
64 68.8 56.6 84.8
63 39.7 35.1 52.7



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: 78.240 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042950.D

Acq: 30 Sep 2019 19:34

Instrument :

BNA_G

ClientSampleId :

20190702-RR-COMPOSITE-2

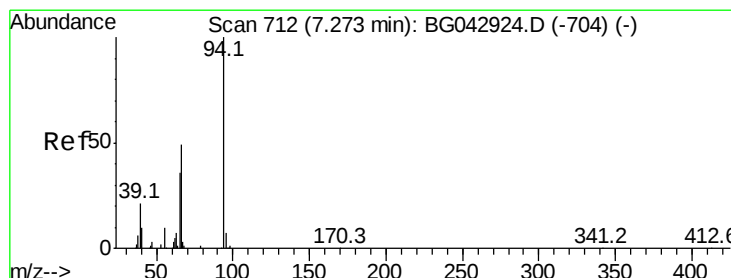
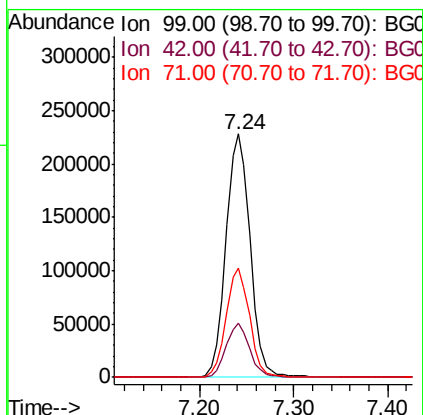
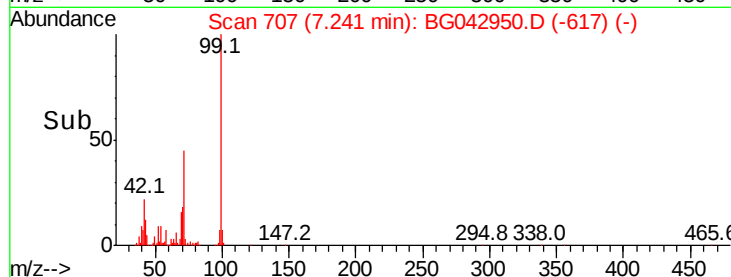
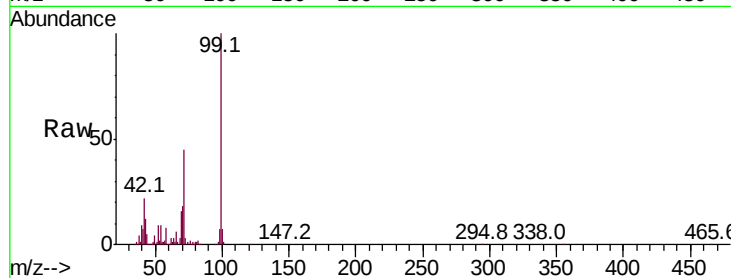
Tot Ion: 99 Resp: 406664

Ion Ratio Lower Upper

99 100

42 22.4 17.2 25.8

71 44.6 33.1 49.7



#10

Phenol

Concen: 2.627 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG042950.D

Acq: 30 Sep 2019 19:34

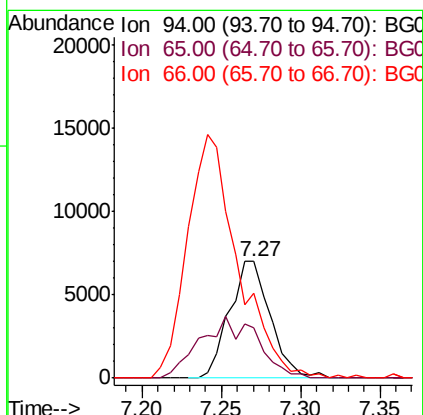
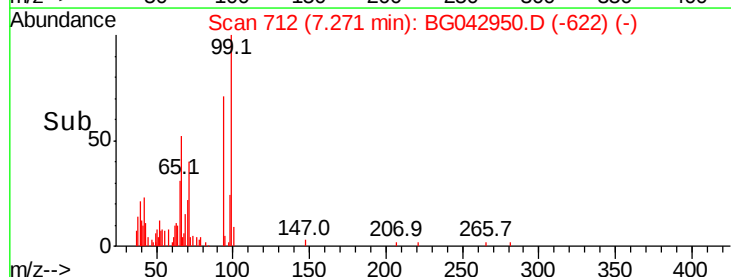
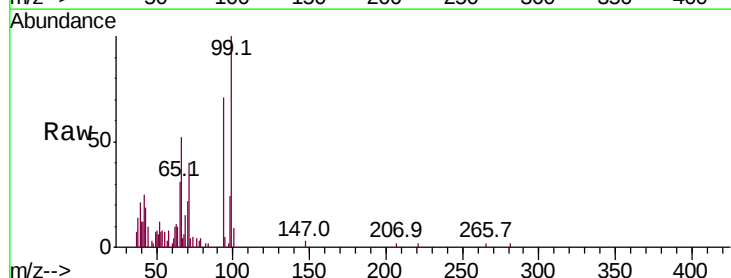
Tgt Ion: 94 Resp: 12527

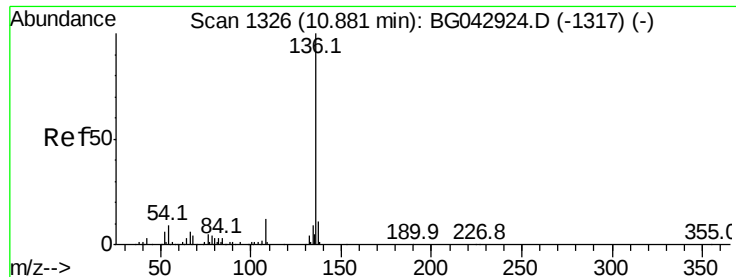
Ion Ratio Lower Upper

94 100

65 43.6 16.6 56.6

66 73.4 32.4 72.4#

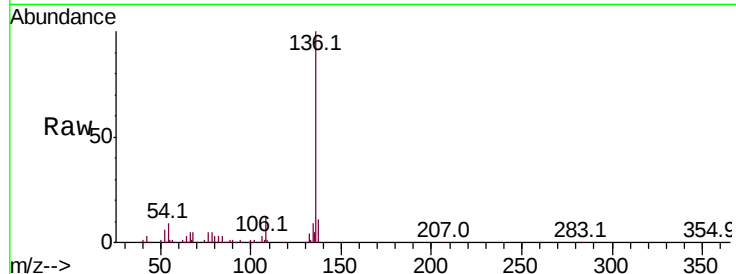




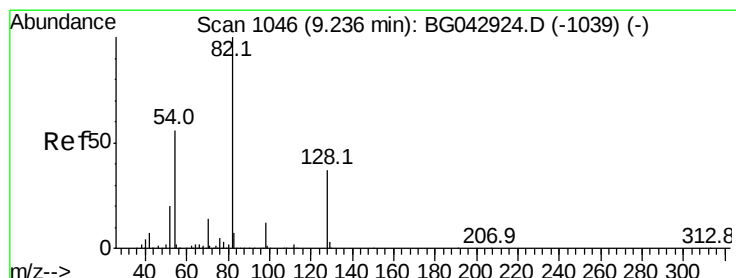
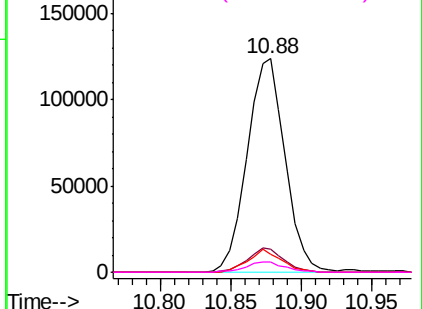
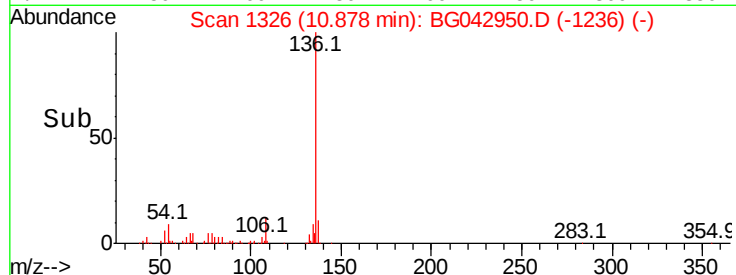
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG042950.D
Acq: 30 Sep 2019 19:34

Instrument :
BNA_G
ClientSampleId :
20190702-RR-COMPOSITE-2

Tot Ion:136	Resp:	233089
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	8.7	7.4 11.2
68	4.7	3.6 5.4

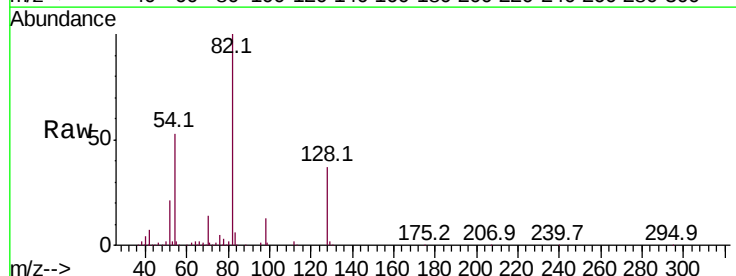


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

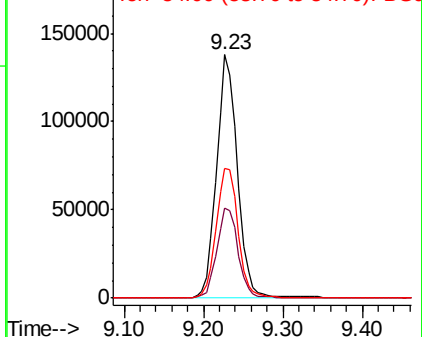
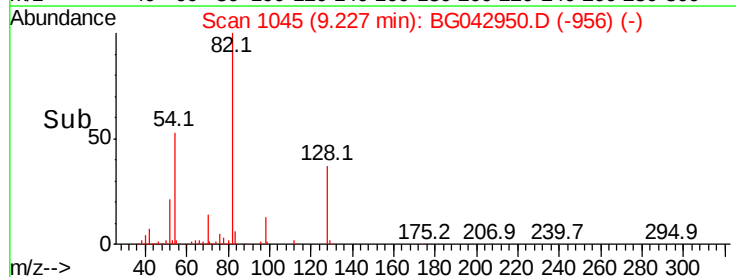


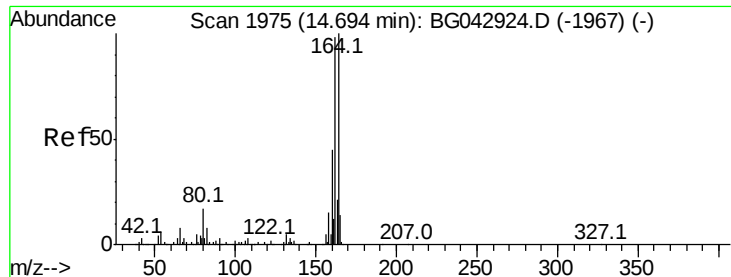
#23
Nitrobenzene-d5
Concen: 52.553 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042950.D
Acq: 30 Sep 2019 19:34

Tgt Ion: 82	Resp:	252023
Ion Ratio	Lower	Upper
82	100	
128	36.9	29.5 44.3
54	53.2	44.6 67.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG042950.D

Acq: 30 Sep 2019 19:34

Instrument :

BNA_G

ClientSampleId :

20190702-RR-COMPOSITE-2

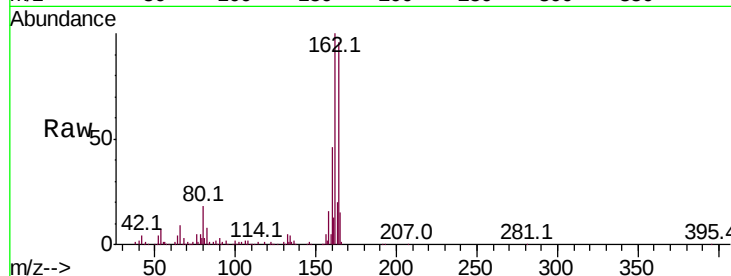
Tot Ion:164 Resp: 170313

Ion Ratio Lower Upper

164 100

162 104.1 78.5 117.7

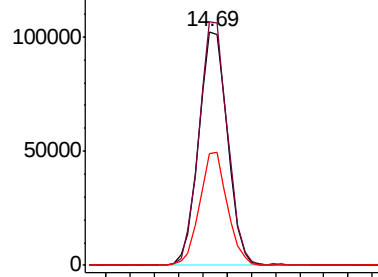
160 47.7 35.9 53.9



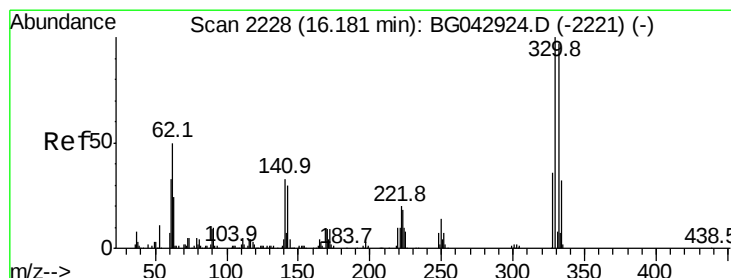
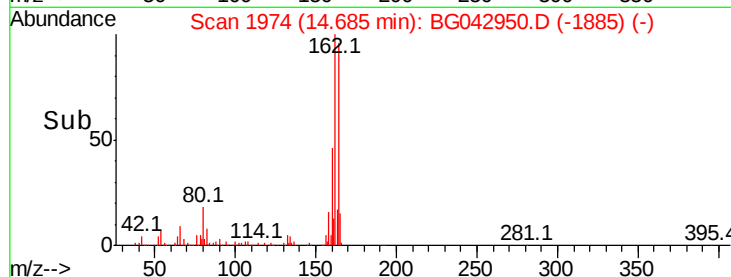
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time--> 14.60 14.70 14.80



#42

2,4,6-Tribromophenol

Concen: 74.979 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG042950.D

Acq: 30 Sep 2019 19:34

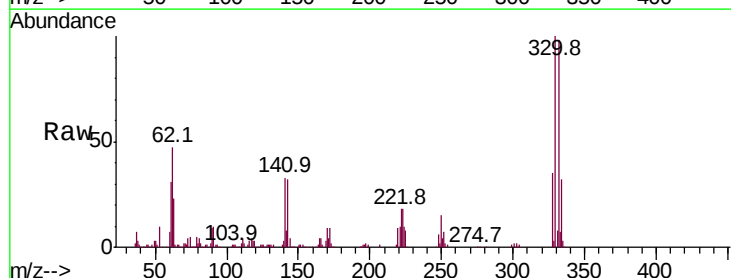
Tgt Ion:330 Resp: 219585

Ion Ratio Lower Upper

330 100

332 95.3 78.2 117.2

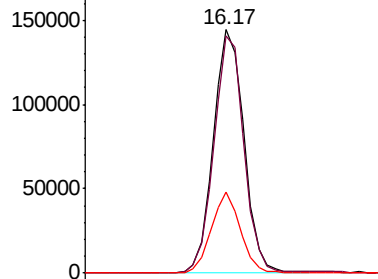
141 31.4 26.0 39.0



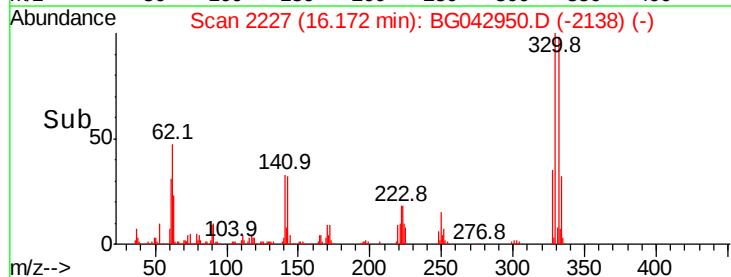
Abundance Ion 329.80 (329.50 to 330.50): E

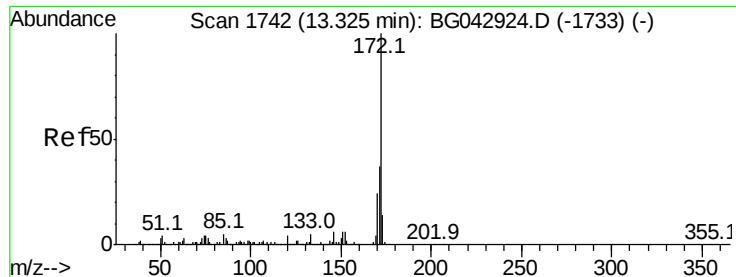
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time--> 16.10 16.15 16.20 16.25

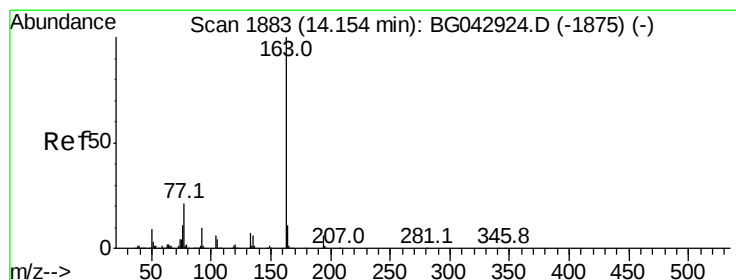
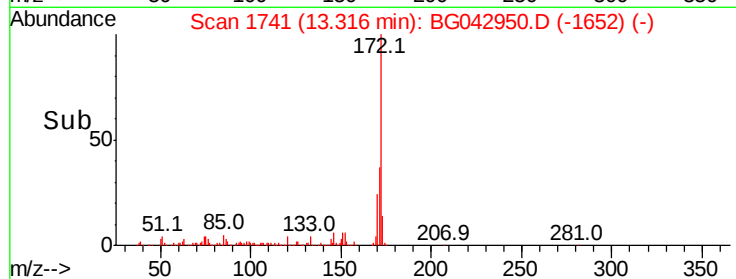
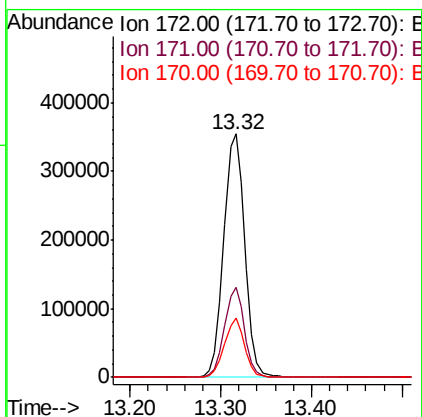
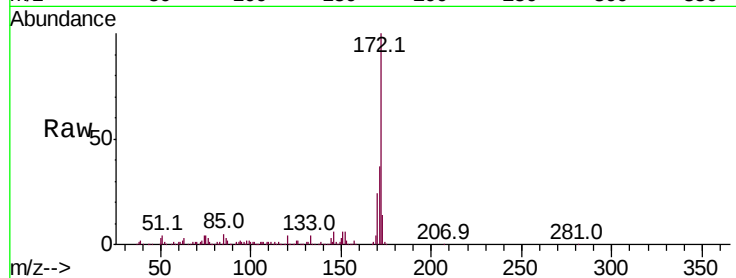




#45
2-Fluorobiphenyl
Concen: 48.712 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042950.D
Acq: 30 Sep 2019 19:34

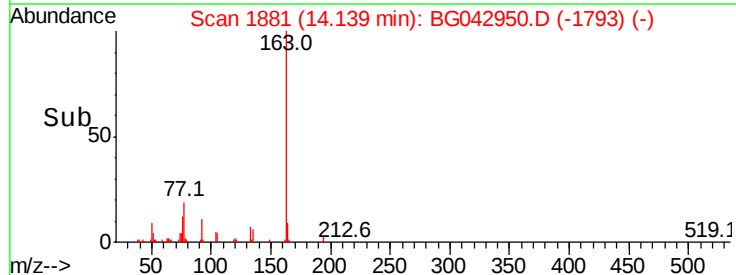
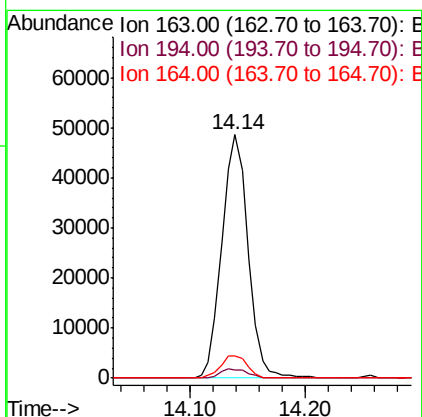
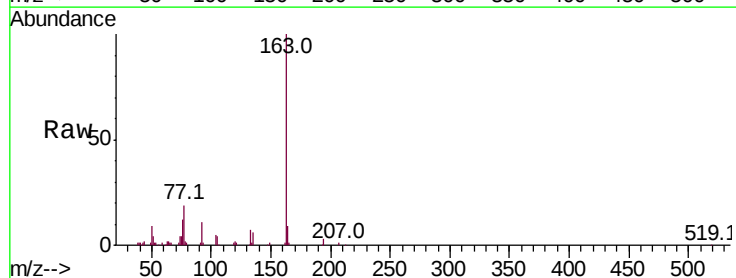
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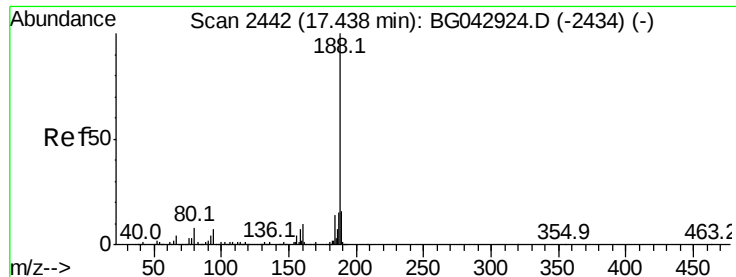
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	24.2	19.6	29.4



#50
Dimethylphthalate
Concen: 5.992 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG042950.D
Acq: 30 Sep 2019 19:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	4.4	6.6#
164	9.3	8.6	12.8

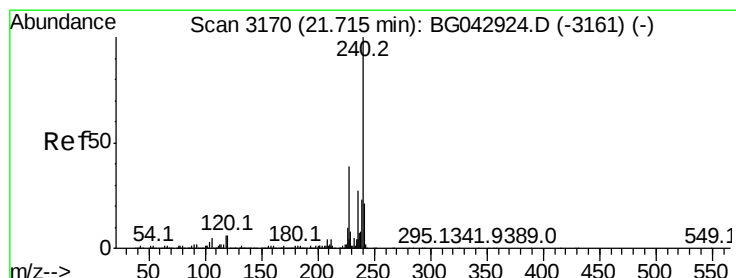
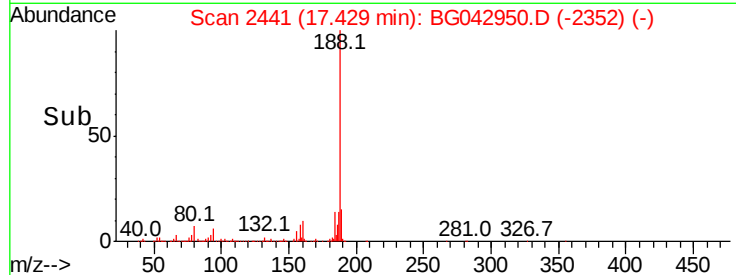
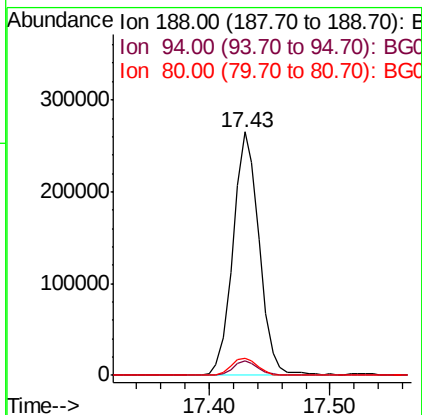
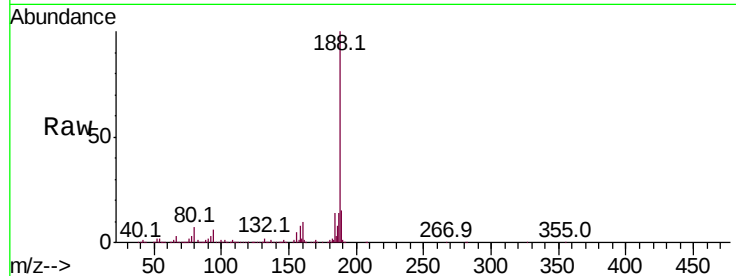




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG042950.D
Acq: 30 Sep 2019 19:34

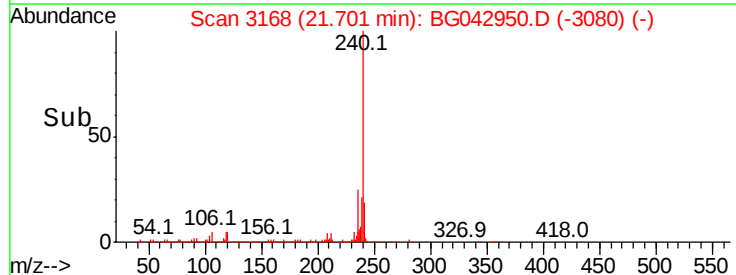
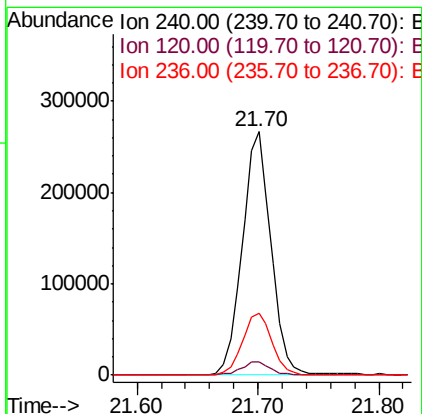
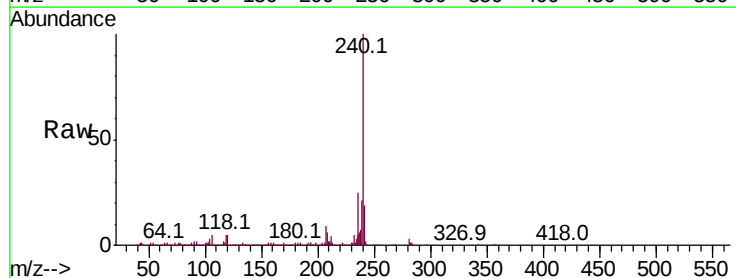
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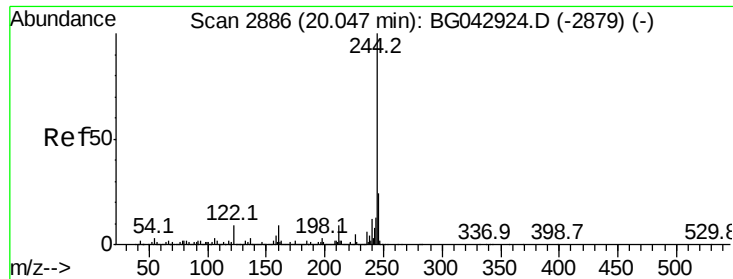
Tot Ion:188 Resp: 400043
Ion Ratio Lower Upper
188 100
94 5.8 5.7 8.5
80 7.2 6.5 9.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG042950.D
Acq: 30 Sep 2019 19:34

Tgt Ion:240 Resp: 441893
Ion Ratio Lower Upper
240 100
120 5.4 4.8 7.2
236 25.4 21.4 32.0





#79

Terphenyl-d14

Concen: 50.359 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042950.D

Acq: 30 Sep 2019 19:34

Instrument :

BNA_G

ClientSampleId :

20190702-RR-COMPOSITE-2

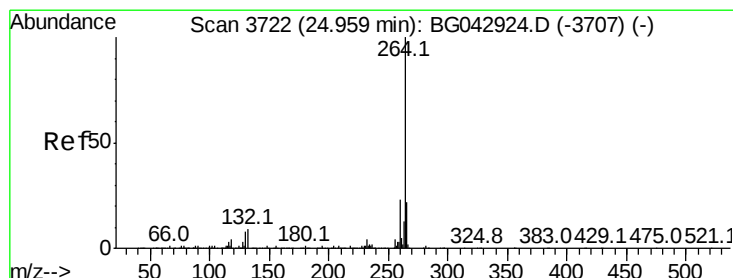
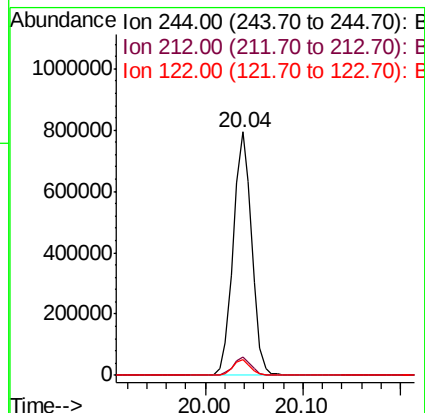
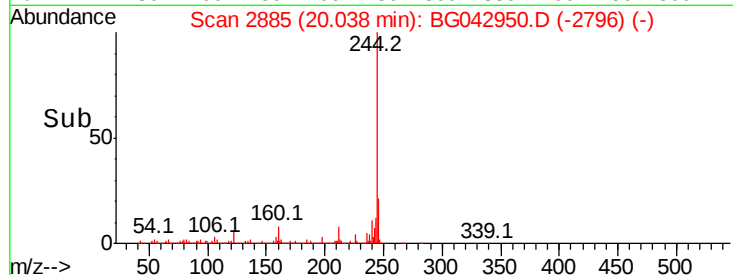
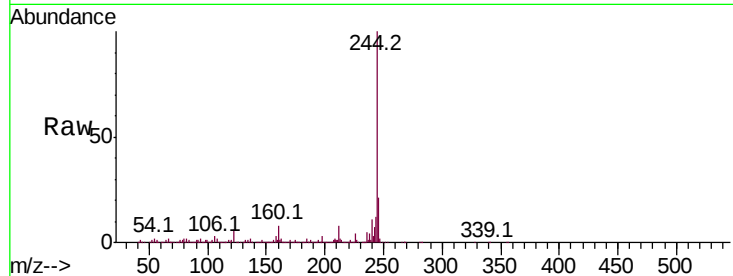
Tot Ion:244 Resp: 1044315

Ion Ratio Lower Upper

244 100

212 7.6 7.4 11.0

122 6.4 7.0 10.4#



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.03 min

Lab File: BG042950.D

Acq: 30 Sep 2019 19:34

Tgt Ion:264 Resp: 505329

Ion Ratio Lower Upper

264 100

260 24.9 18.7 28.1

265 24.1 17.7 26.5

