

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
 Data File : BG031925.D
 Acq On : 4 Jan 2018 21:14
 Operator : SJ/JU
 Sample : J1025-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-2(70-72)

Quant Time: Jan 05 04:27:30 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

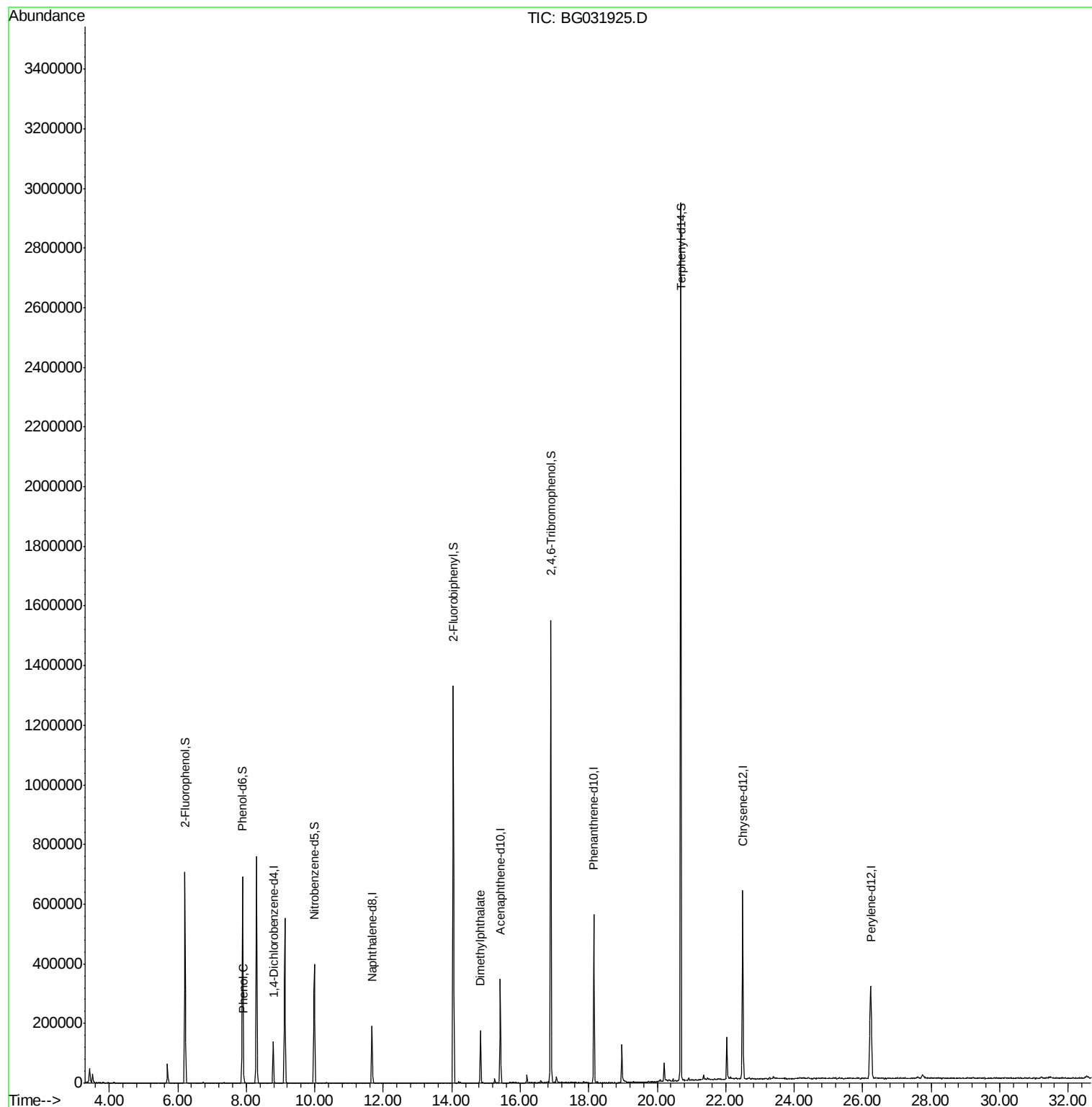
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	47398	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	194262	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	133266	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	389644	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	476356	20.00	ng	-0.01
86) Perylene-d12	26.23	264	457105	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	386896	148.67	ng	0.00
7) Phenol-d6	7.89	99	498280	147.48	ng	0.00
23) Nitrobenzene-d5	9.99	82	266796	103.71	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	381986	187.85	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	824525	77.66	ng	0.00
78) Terphenyl-d14	20.68	244	1651625	79.21	ng	0.00
Target Compounds						
10) Phenol	7.92	94	19257	5.645	ng	94
49) Dimethylphthalate	14.84	163	139187	11.856	ng	98

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

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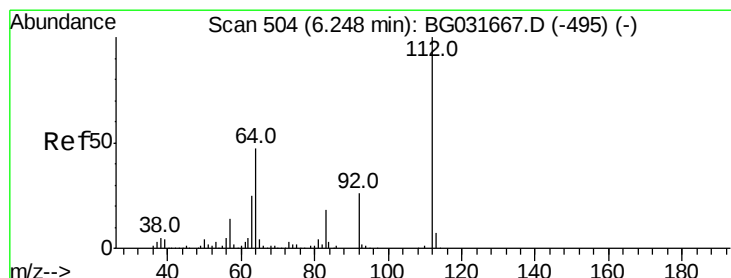
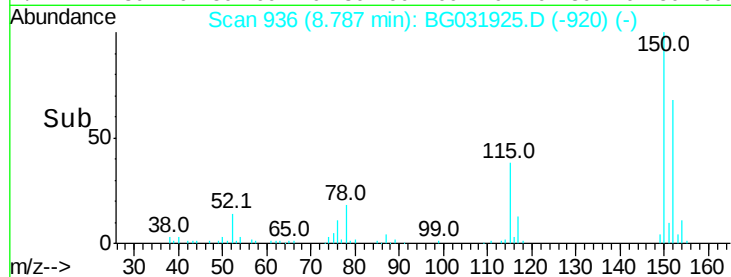
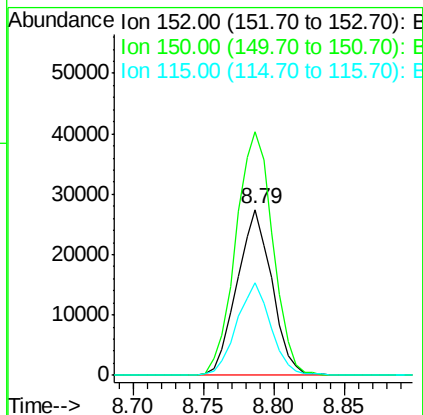
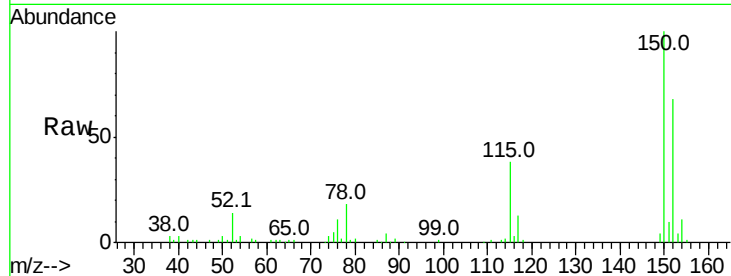


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG031925.D
Acq: 4 Jan 2018 21:14

Instrument :
BNA_G
ClientSampleId :
EPE-106-2(70-72)

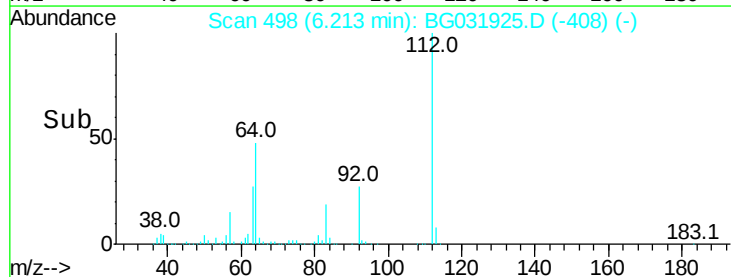
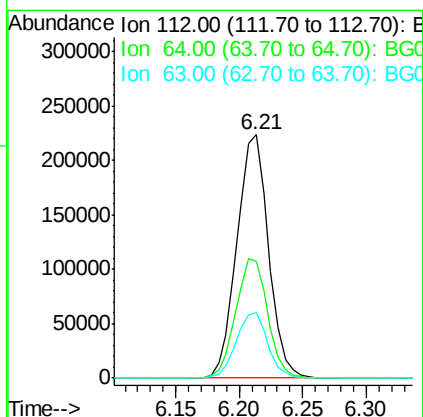
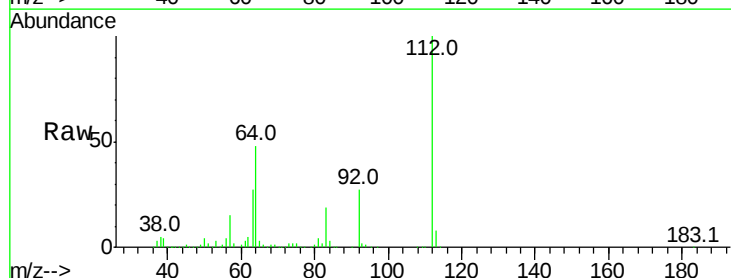
Tot Ion:152 Resp: 47398
Ion Ratio Lower Upper
152 100
150 146.6 126.6 189.8
115 55.5 53.0 79.4



#5

2-Fluorophenol
Concen: 148.674 ng
RT: 6.21 min Scan# 498
Delta R.T. -0.00 min
Lab File: BG031925.D
Acq: 4 Jan 2018 21:14

Tgt Ion:112 Resp: 386896
Ion Ratio Lower Upper
112 100
64 48.0 56.3 84.5#
63 26.9 30.1 45.1#





#7

Phenol-d6

Concen: 147.479 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG031925.D

Acq: 4 Jan 2018 21:14

Instrument :

BNA_G

ClientSampleId :

EPE-106-2(70-72)

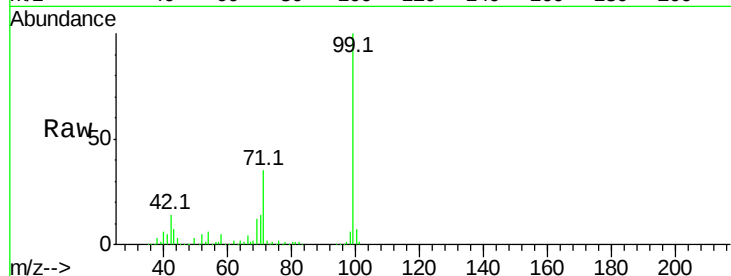
Tot Ion: 99 Resp: 498280

Ion Ratio Lower Upper

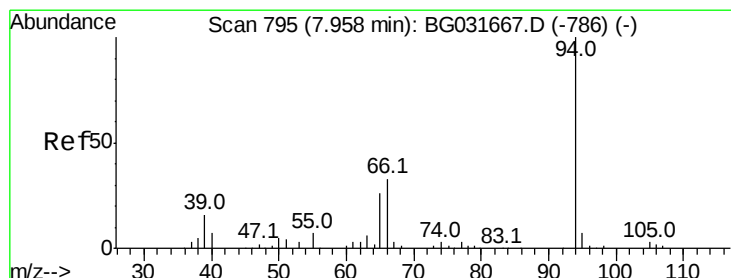
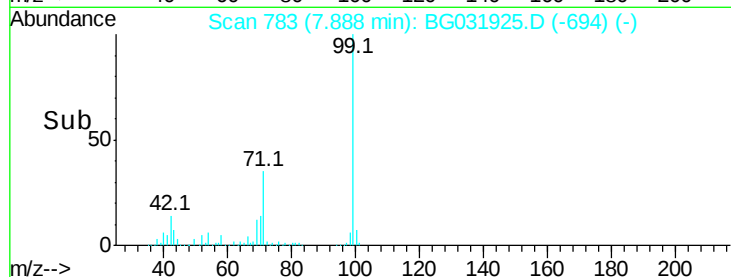
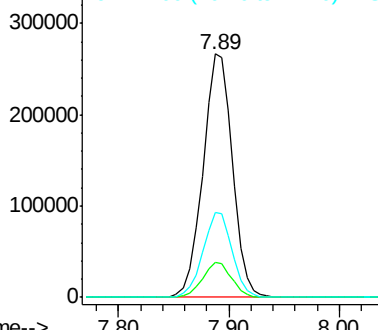
99 100

42 14.5 14.1 21.1

71 34.7 26.1 39.1



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: 5.645 ng

RT: 7.92 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG031925.D

Acq: 4 Jan 2018 21:14

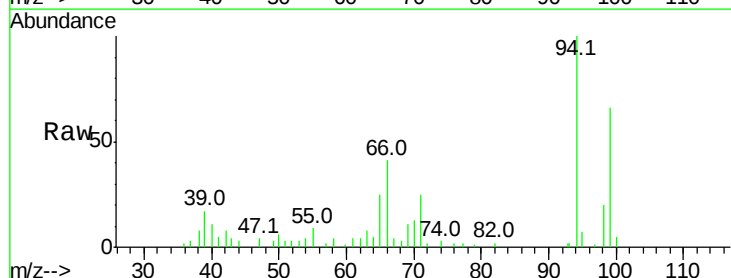
Tgt Ion: 94 Resp: 19257

Ion Ratio Lower Upper

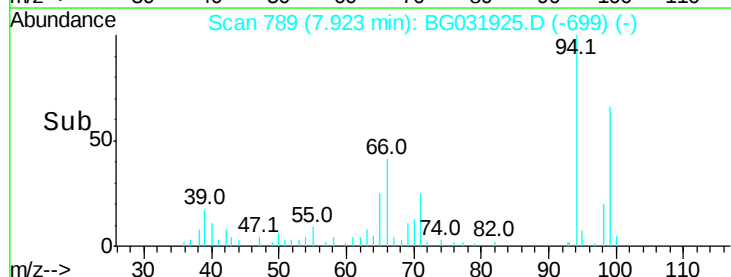
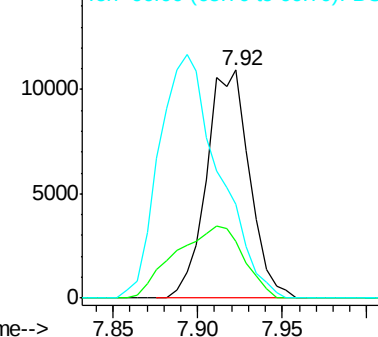
94 100

65 25.0 11.9 51.9

66 41.4 22.2 62.2



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

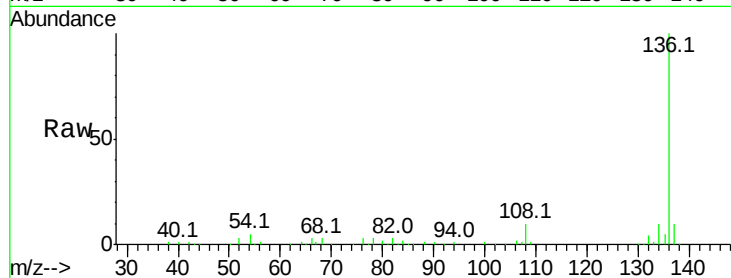




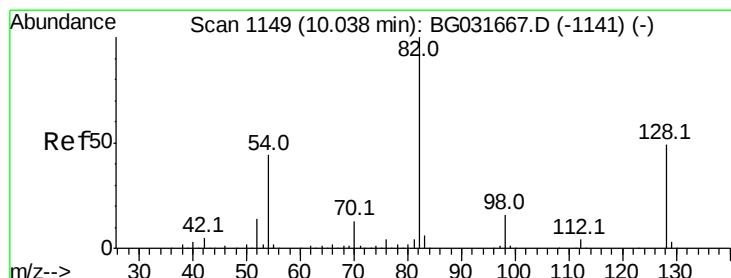
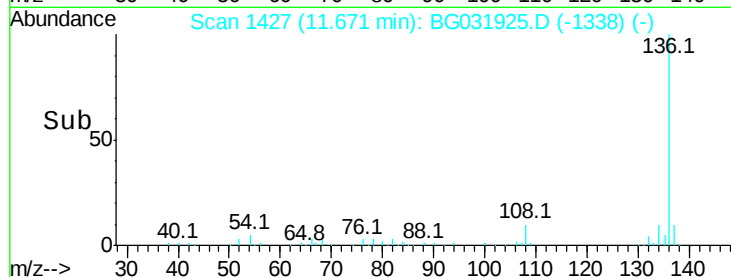
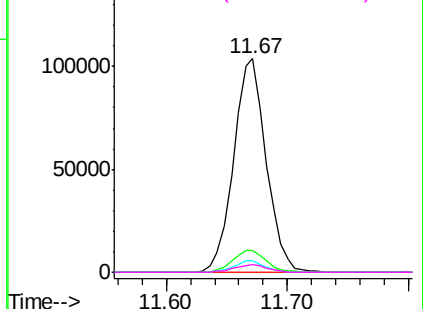
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BG031925.D
Acq: 4 Jan 2018 21:14

Instrument :
BNA_G
ClientSampleId :
EPE-106-2(70-72)

Tot Ion:	136	Resp:	194262
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	5.3	10.3	15.5#
68	3.4	4.5	6.7#

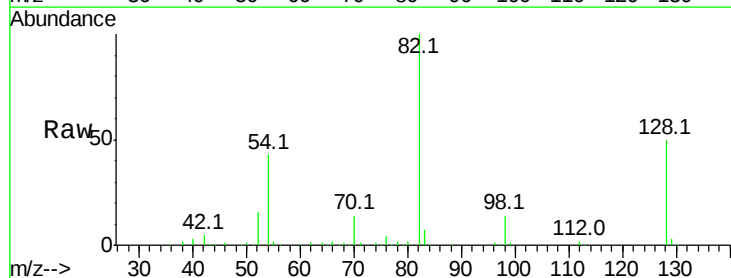


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

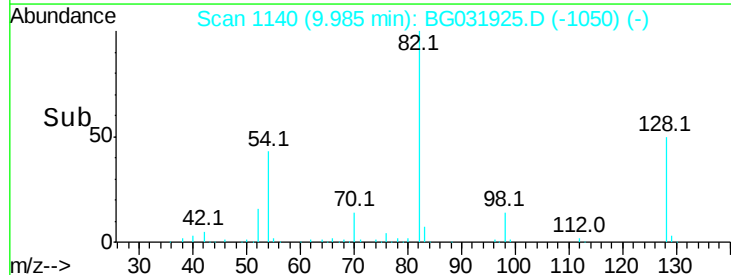
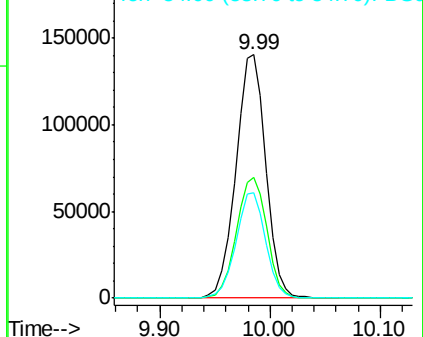


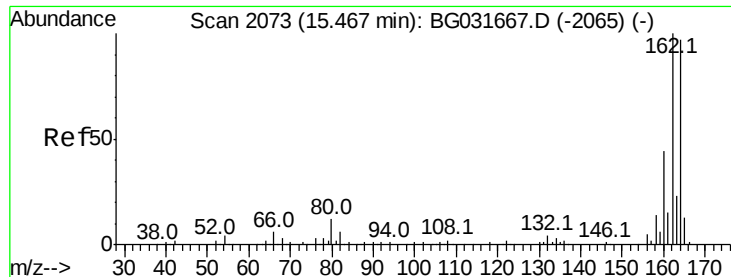
#23
Nitrobenzene-d5
Concen: 103.707 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BG031925.D
Acq: 4 Jan 2018 21:14

Tgt Ion:	82	Resp:	266796
Ion	Ratio	Lower	Upper
82	100		
128	49.7	29.7	44.5#
54	43.1	43.1	64.7



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

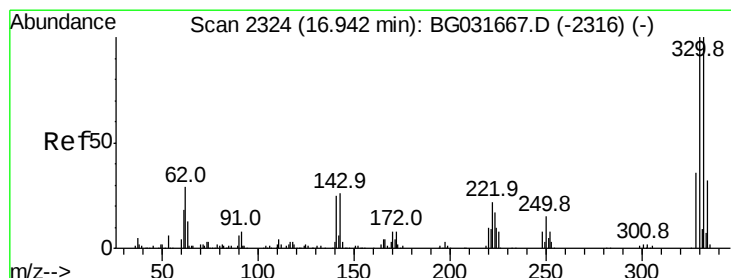
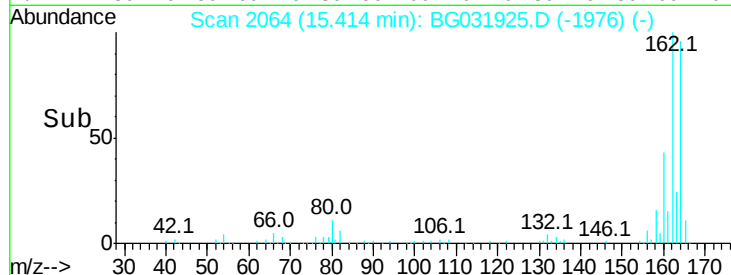
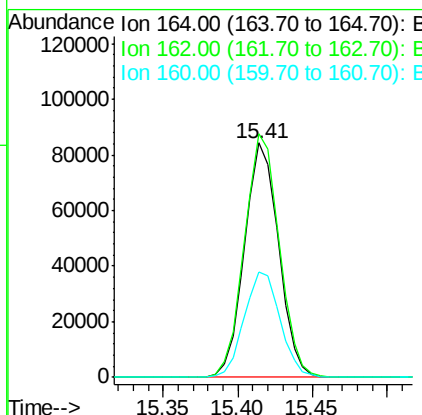
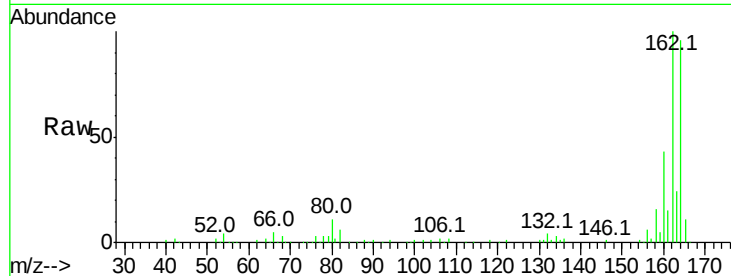




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG031925.D
 Acq: 4 Jan 2018 21:14

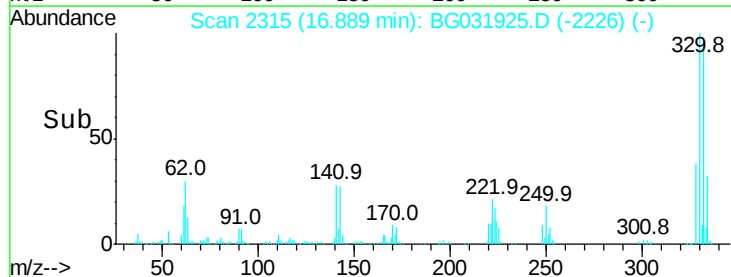
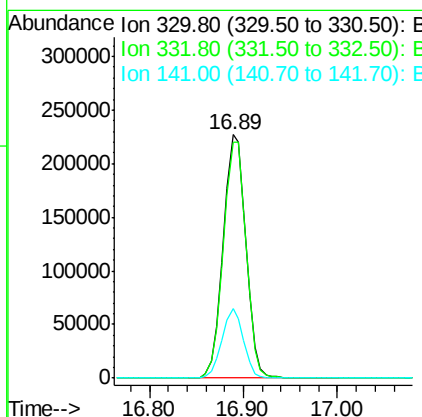
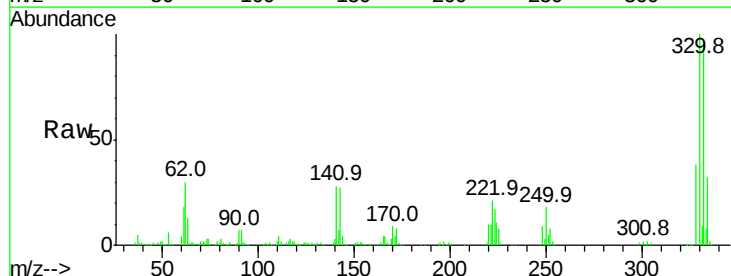
Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-2(70-72)

Tot Ion:164 Resp: 133266
 Ion Ratio Lower Upper
 164 100
 162 103.8 78.8 118.2
 160 44.9 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 187.851 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG031925.D
 Acq: 4 Jan 2018 21:14

Tgt Ion:330 Resp: 381986
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 27.2 25.2 37.8

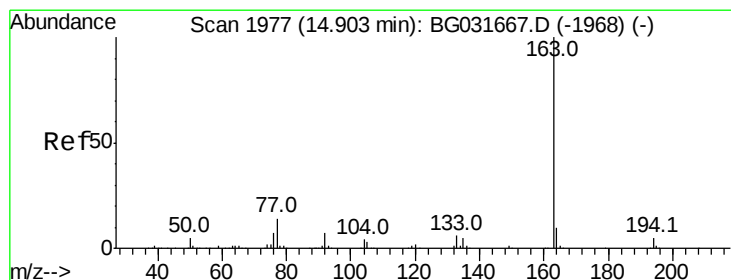
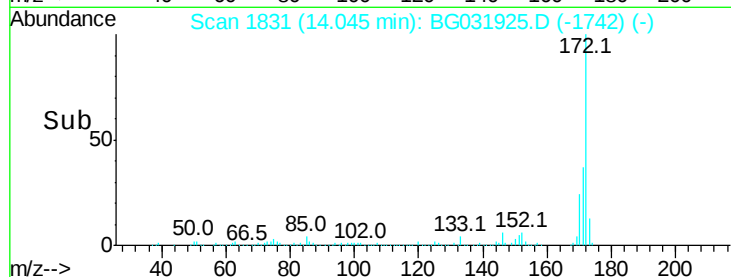
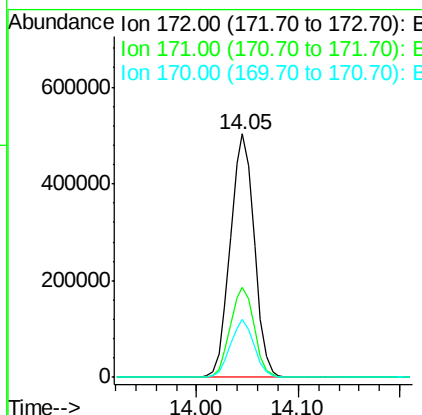
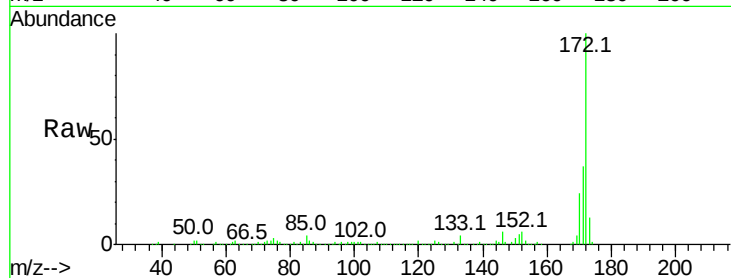




#44
2-Fluorobiphenyl
Concen: 77.656 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BG031925.D
Acq: 4 Jan 2018 21:14

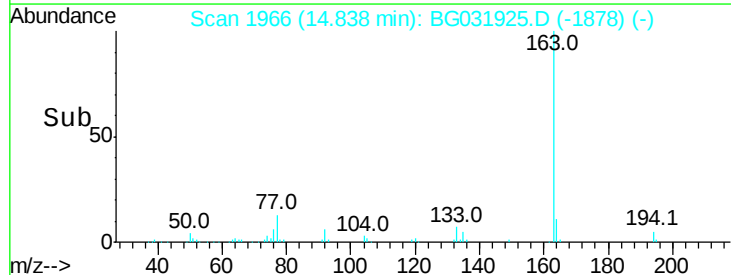
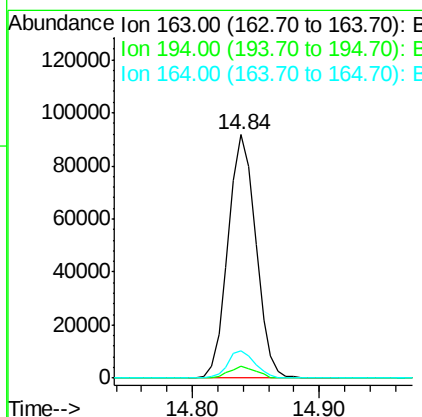
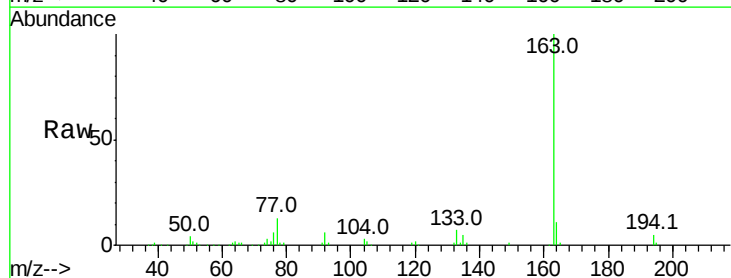
Instrument :
BNA_G
ClientSampleId :
EPE-106-2(70-72)

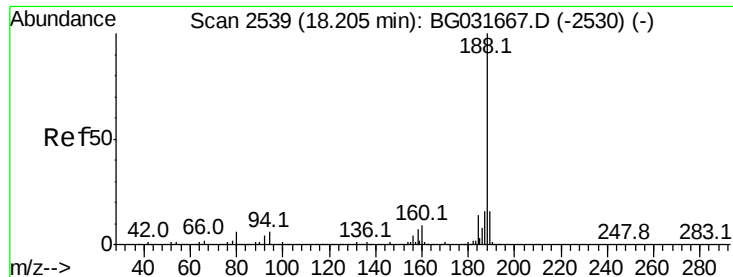
Tot Ion:172 Resp: 824525
Ion Ratio Lower Upper
172 100
171 36.8 30.0 45.0
170 23.8 19.5 29.3



#49
Dimethylphthalate
Concen: 11.856 ng
RT: 14.84 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG031925.D
Acq: 4 Jan 2018 21:14

Tgt Ion:163 Resp: 139187
Ion Ratio Lower Upper
163 100
194 5.0 3.4 5.2
164 11.1 8.2 12.4

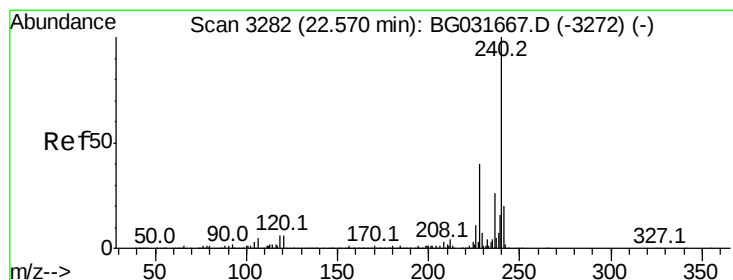
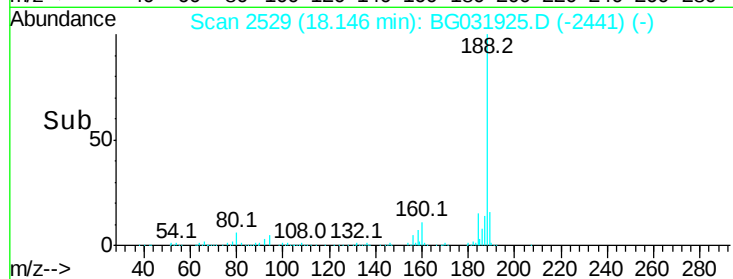
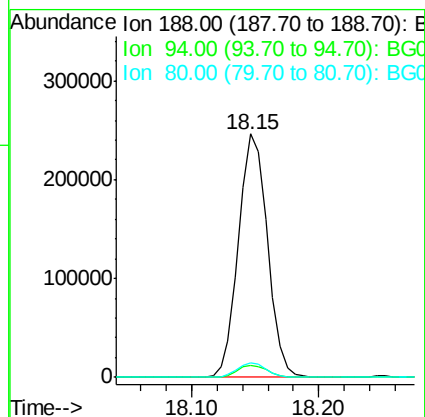
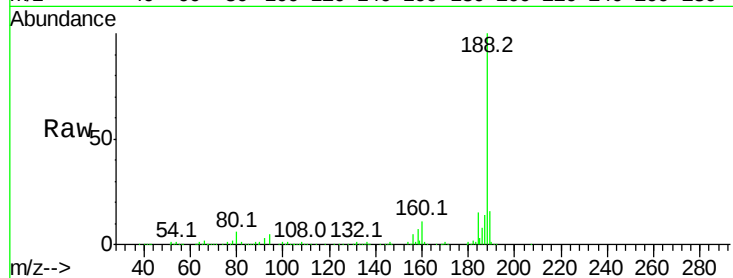




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031925.D
Acq: 4 Jan 2018 21:14

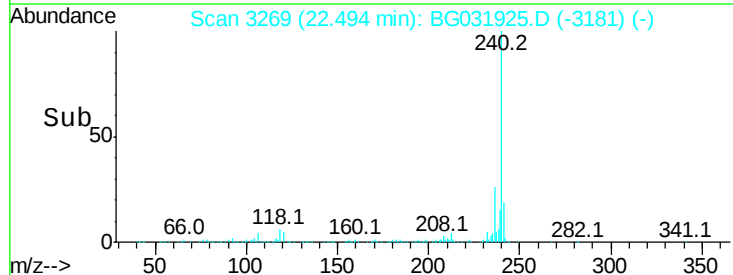
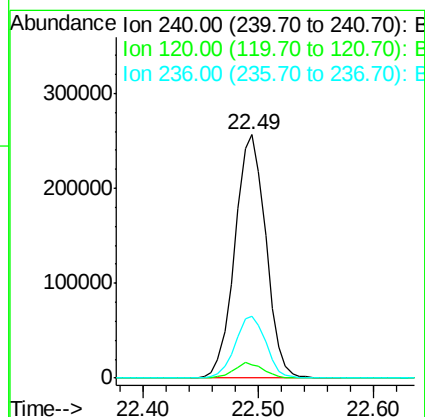
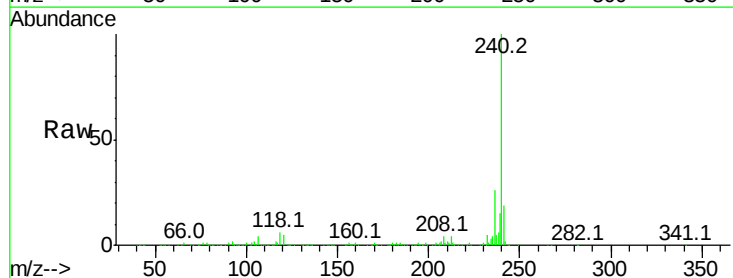
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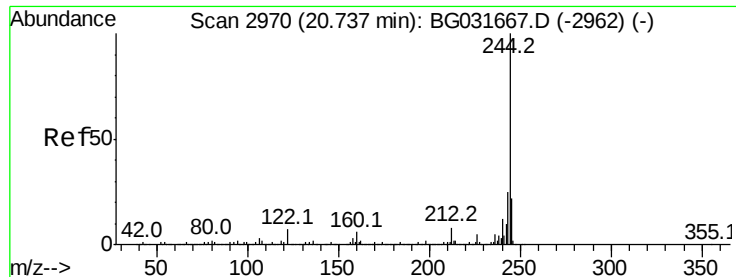
Tot Ion:188 Resp: 389644
Ion Ratio Lower Upper
188 100
94 5.1 6.9 10.3#
80 6.0 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3269
Delta R.T. -0.01 min
Lab File: BG031925.D
Acq: 4 Jan 2018 21:14

Tgt Ion:240 Resp: 476356
Ion Ratio Lower Upper
240 100
120 5.4 6.8 10.2#
236 25.7 20.9 31.3





#78

Terphenyl-d14

Concen: 79.214 ng

RT: 20.68 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BG031925.D

Acq: 4 Jan 2018 21:14

Instrument :

BNA_G

ClientSampleId :

EPE-106-2(70-72)

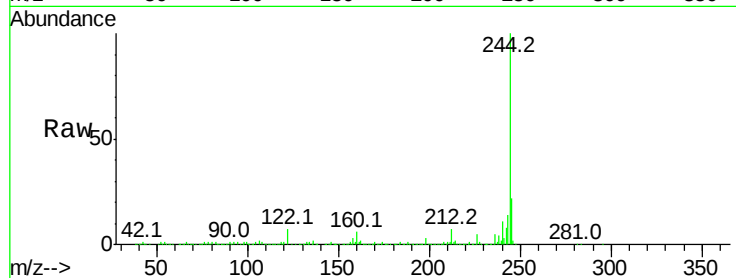
Tot Ion:244 Resp: 1651625

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

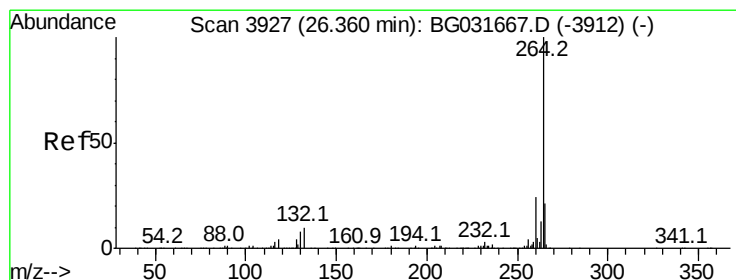
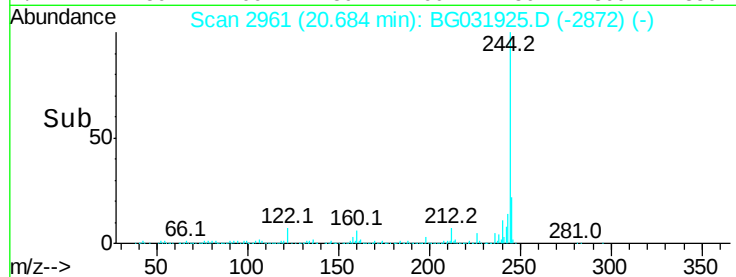
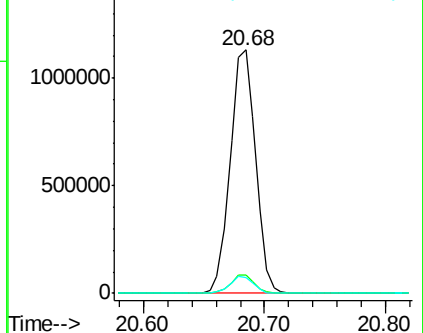
122 6.6 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.23 min Scan# 3905

Delta R.T. -0.02 min

Lab File: BG031925.D

Acq: 4 Jan 2018 21:14

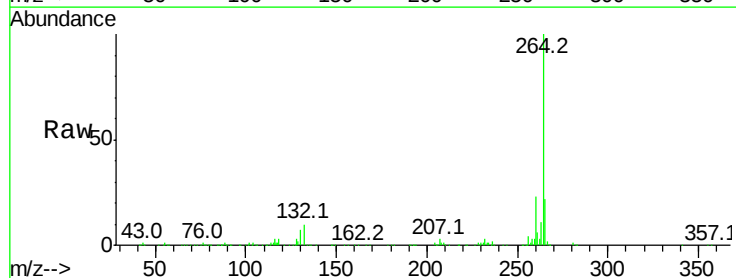
Tgt Ion:264 Resp: 457105

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 22.3 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

