

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
 Data File : BG031923.D
 Acq On : 4 Jan 2018 19:59
 Operator : SJ/JU
 Sample : J1025-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-1(80-82)

Quant Time: Jan 05 04:19:03 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

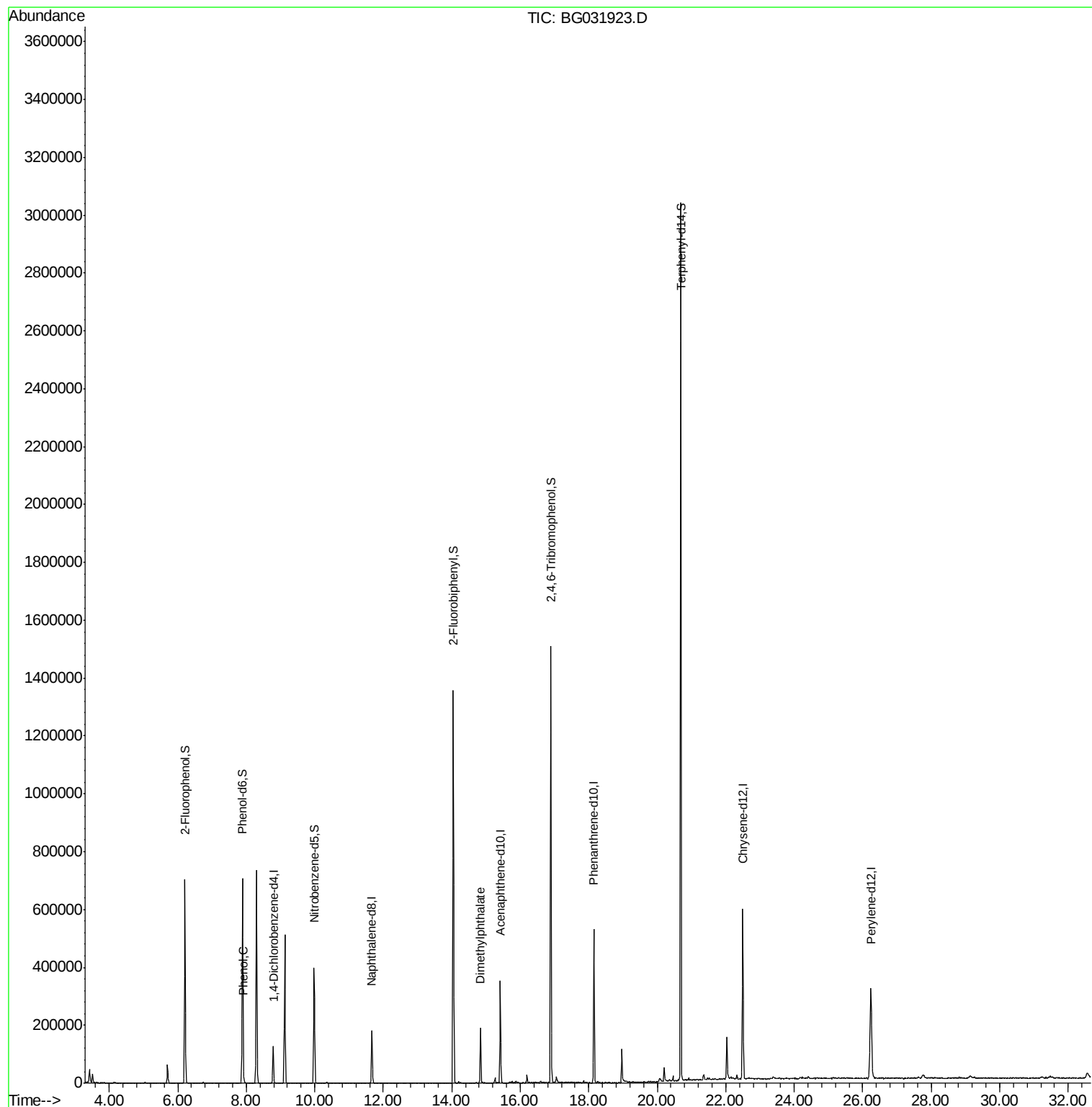
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	45015	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	185577	20.00	ng	-0.01
38) Acenaphthene-d10	15.41	164	135205	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	377390	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	454529	20.00	ng	-0.01
86) Perylene-d12	26.24	264	443025	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	382707	154.85	ng	0.00
7) Phenol-d6	7.89	99	494014	153.96	ng	0.00
23) Nitrobenzene-d5	9.98	82	260149	105.86	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	362190	175.56	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	814734	75.63	ng	0.00
78) Terphenyl-d14	20.68	244	1641747	82.52	ng	0.00
Target Compounds						
10) Phenol	7.92	94	18957	5.852	ng	94
49) Dimethylphthalate	14.84	163	145600	12.224	ng	97

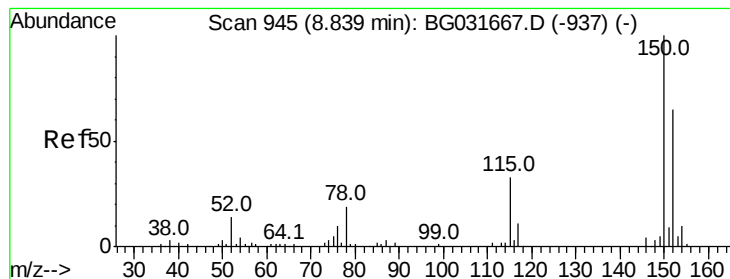
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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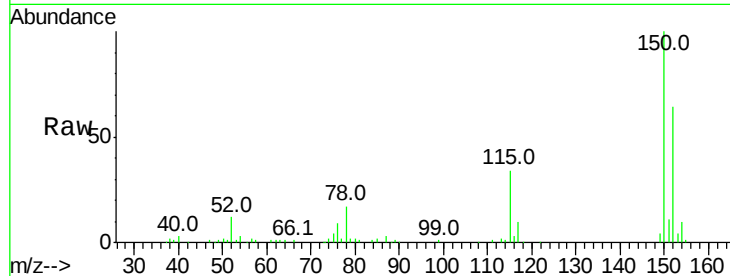


#1

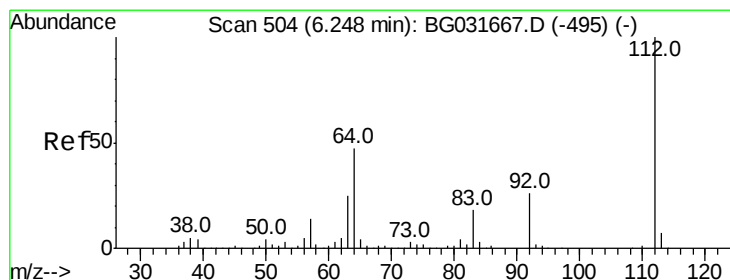
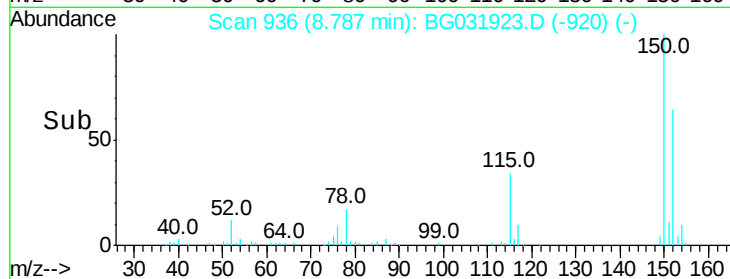
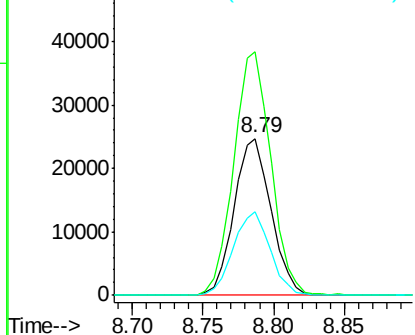
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG031923.D
Acq: 4 Jan 2018 19:59

Instrument :
BNA_G
ClientSampleId :
EPE-105-1(80-82)

Tot Ion:152 Resp: 45015
Ion Ratio Lower Upper
152 100
150 155.5 126.6 189.8
115 53.1 53.0 79.4



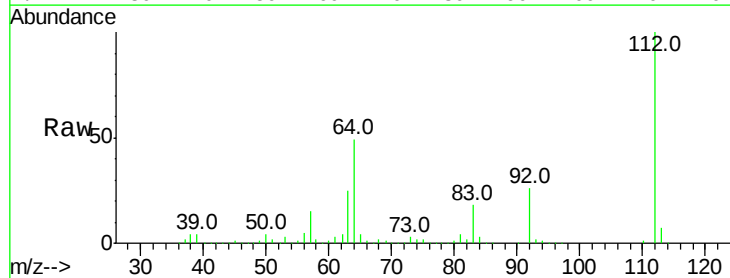
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



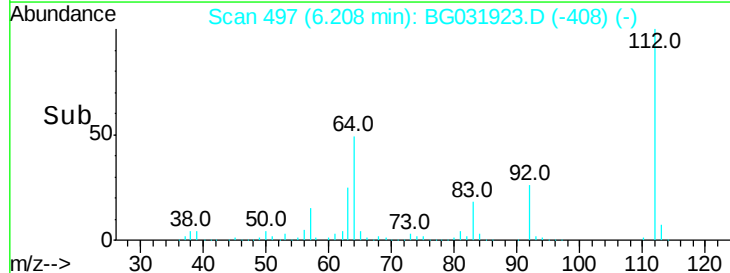
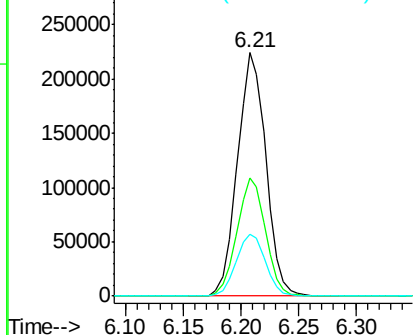
#5

2-Fluorophenol
Concen: 154.850 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.01 min
Lab File: BG031923.D
Acq: 4 Jan 2018 19:59

Tgt Ion:112 Resp: 382707
Ion Ratio Lower Upper
112 100
64 48.7 56.3 84.5#
63 25.4 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 153.957 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG031923.D

Acq: 4 Jan 2018 19:59

Instrument :

BNA_G

ClientSampleId :

EPE-105-1(80-82)

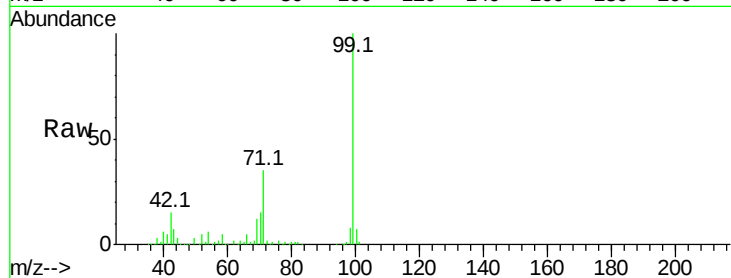
Tot Ion: 99 Resp: 494014

Ion Ratio Lower Upper

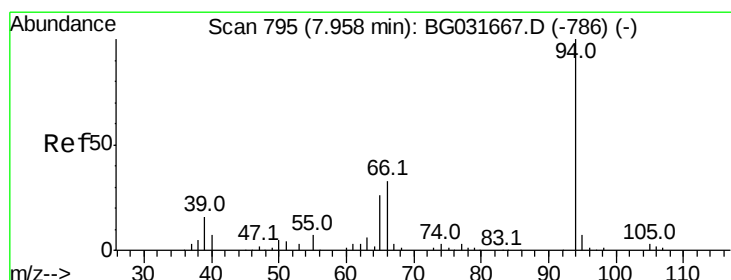
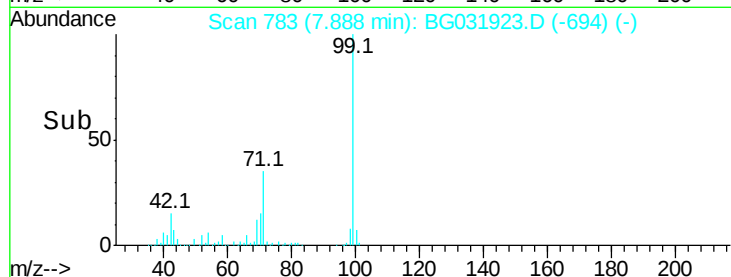
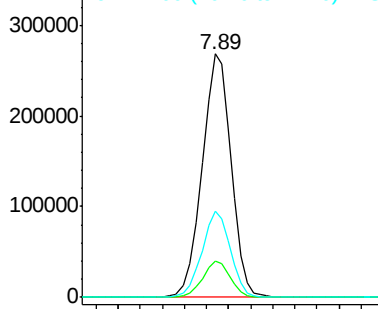
99 100

42 14.7 14.1 21.1

71 35.3 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: 5.852 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031923.D

Acq: 4 Jan 2018 19:59

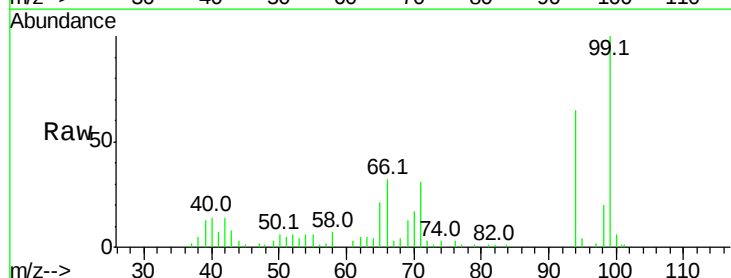
Tgt Ion: 94 Resp: 18957

Ion Ratio Lower Upper

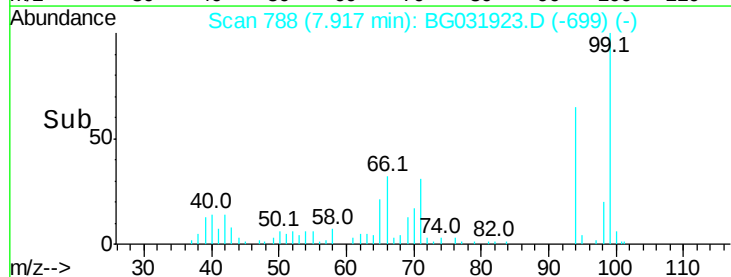
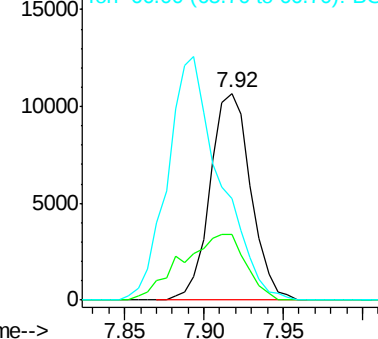
94 100

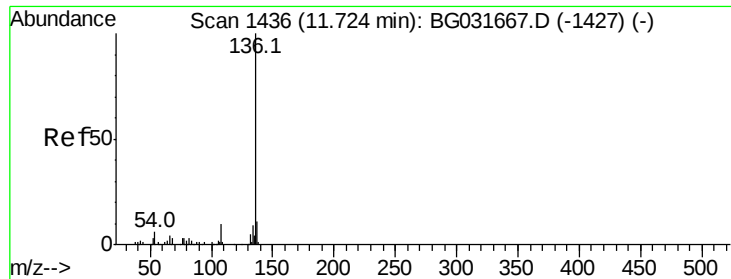
65 31.9 11.9 51.9

66 49.0 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

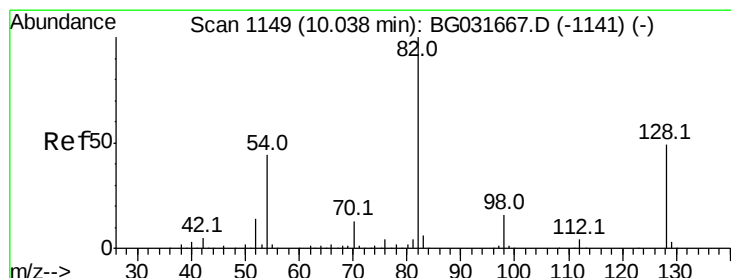
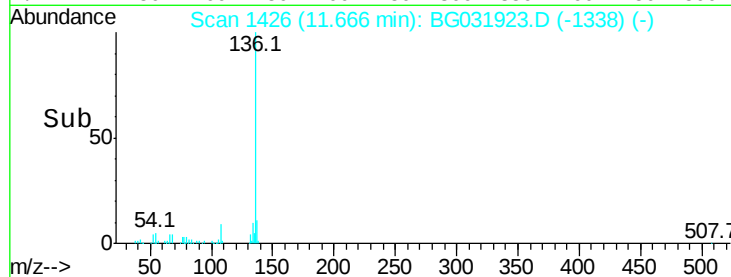
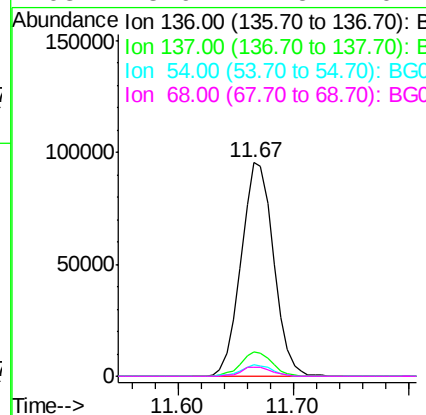
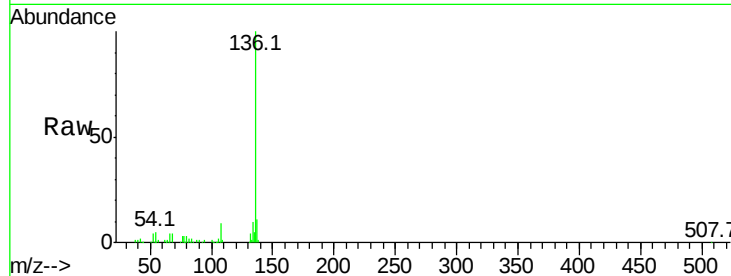




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031923.D
Acq: 4 Jan 2018 19:59

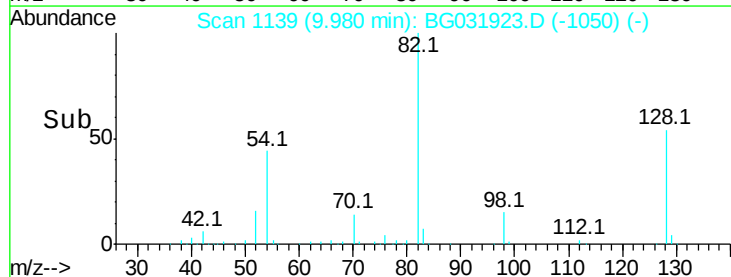
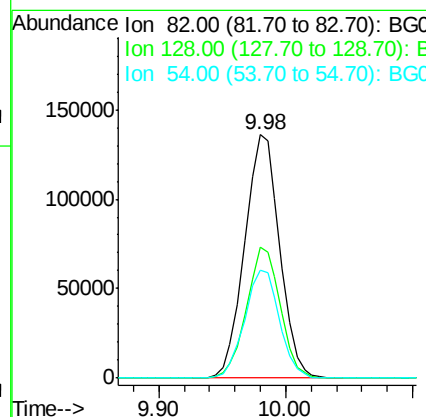
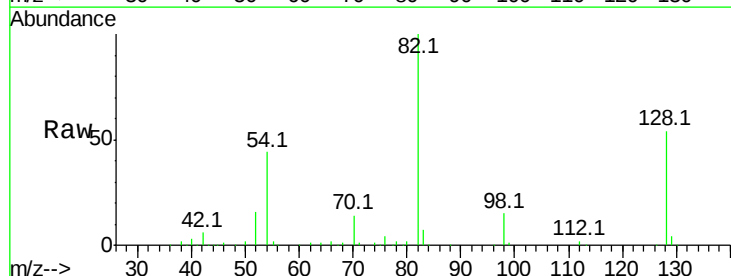
Instrument :
BNA_G
ClientSampleId :
EPE-105-1(80-82)

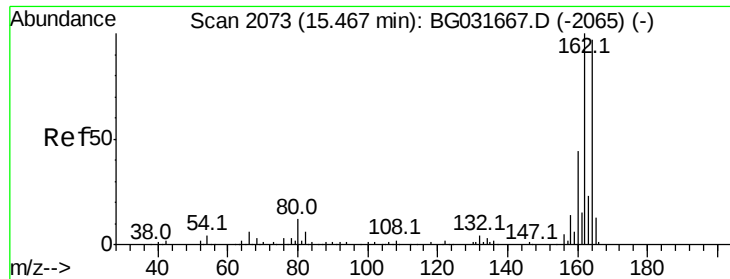
Tot Ion:136	Resp:	185577
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	5.5	10.3 15.5#
68	3.9	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 105.856 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG031923.D
Acq: 4 Jan 2018 19:59

Tgt Ion: 82	Resp:	260149
Ion Ratio	Lower	Upper
82	100	
128	53.6	29.7 44.5#
54	44.1	43.1 64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.41 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BG031923.D

Acq: 4 Jan 2018 19:59

Instrument :

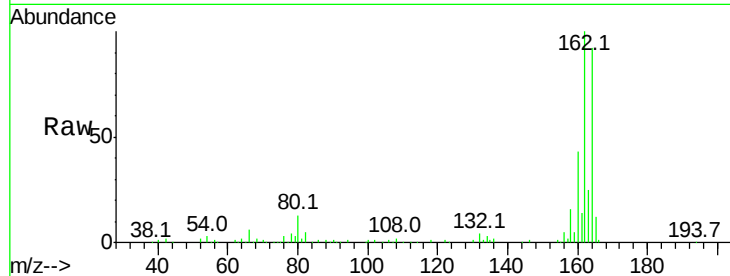
BNA_G

ClientSampleId :

EPE-105-1(80-82)

Tot Ion:164 Resp: 135205

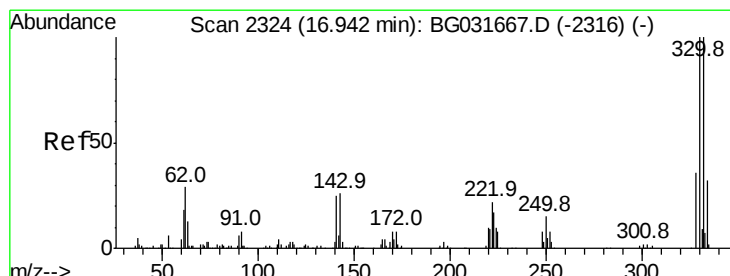
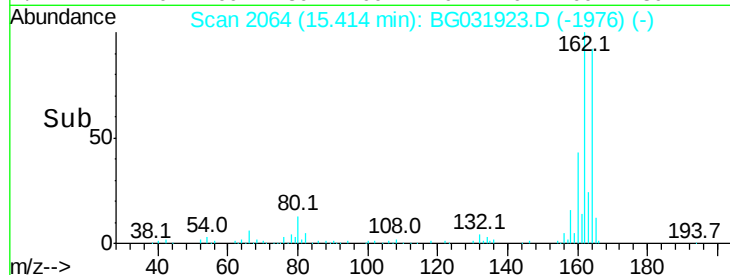
Ion	Ratio	Lower	Upper
164	100		
162	108.2	78.8	118.2
160	46.6	35.4	53.0



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



#41

2,4,6-Tribromophenol

Concen: 175.561 ng

RT: 16.89 min Scan# 2315

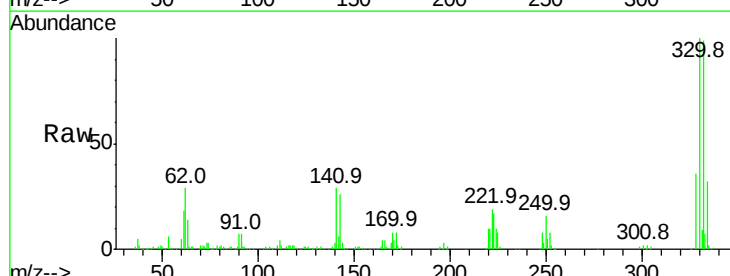
Delta R.T. -0.01 min

Lab File: BG031923.D

Acq: 4 Jan 2018 19:59

Tgt Ion:330 Resp: 362190

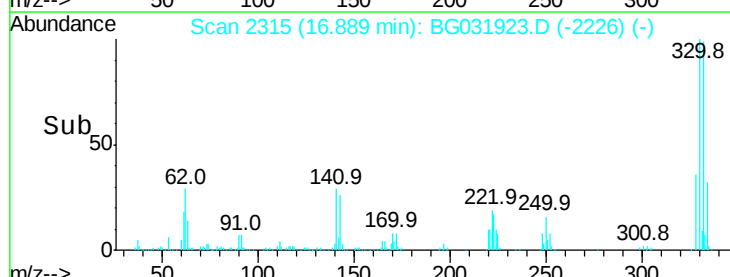
Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	27.2	25.2	37.8



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

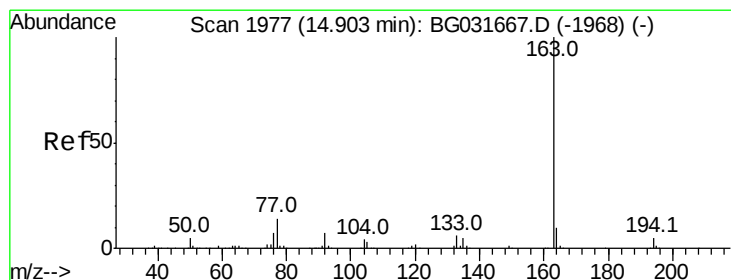
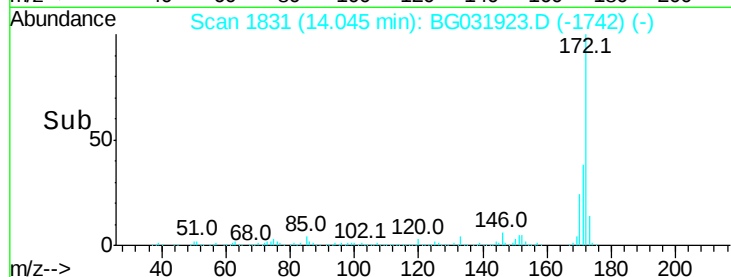
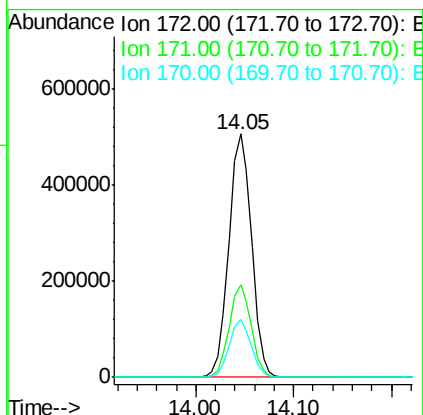
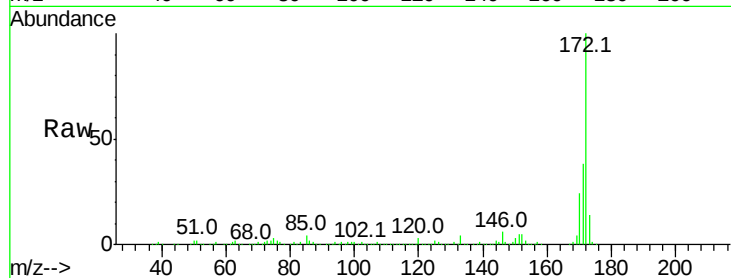




#44
2-Fluorobiphenyl
Concen: 75.633 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BG031923.D
Acq: 4 Jan 2018 19:59

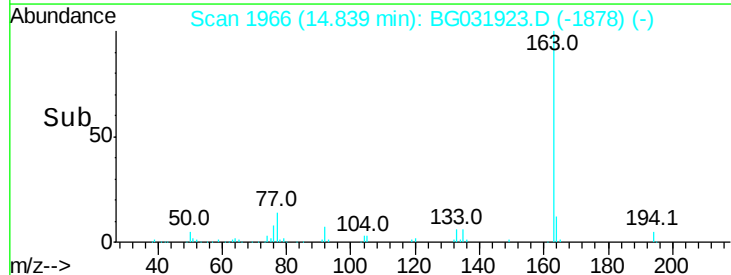
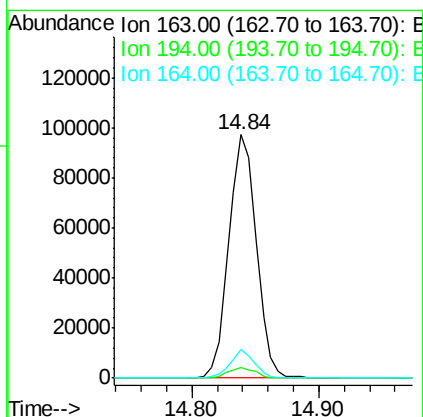
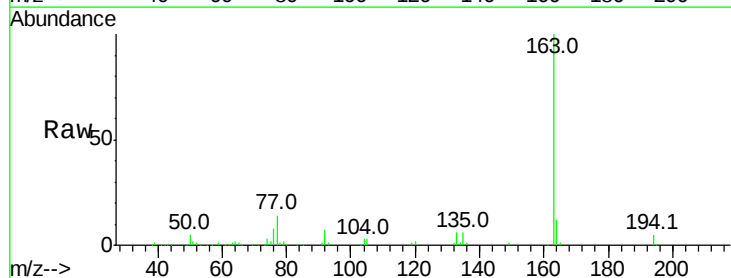
Instrument :
BNA_G
ClientSampleId :
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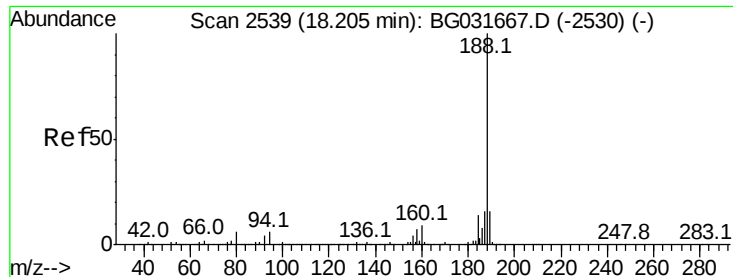
Tot Ion:172 Resp: 814734
Ion Ratio Lower Upper
172 100
171 38.0 30.0 45.0
170 23.6 19.5 29.3



#49
Dimethylphthalate
Concen: 12.224 ng
RT: 14.84 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG031923.D
Acq: 4 Jan 2018 19:59

Tgt Ion:163 Resp: 145600
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 11.6 8.2 12.4

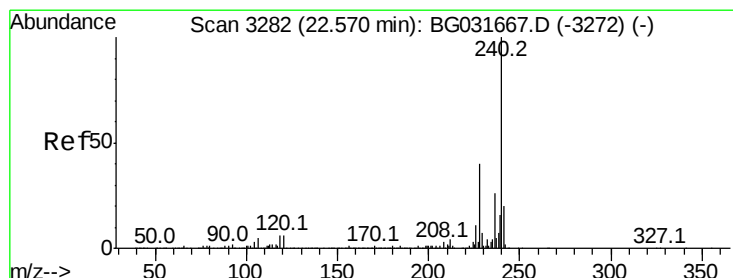
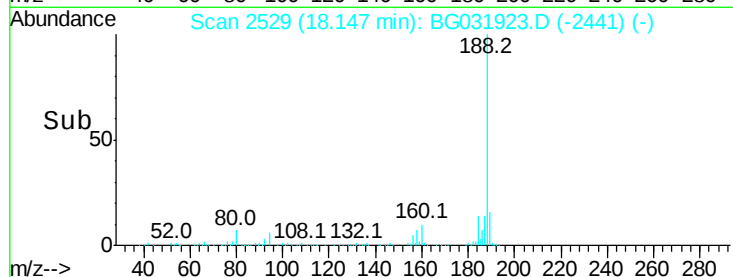
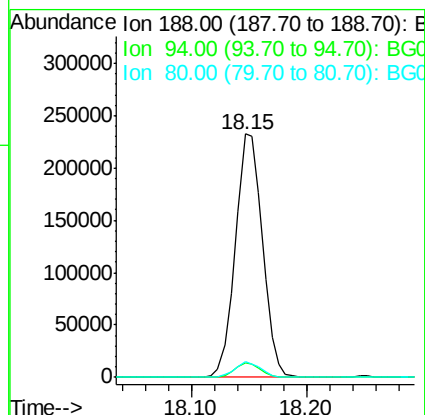
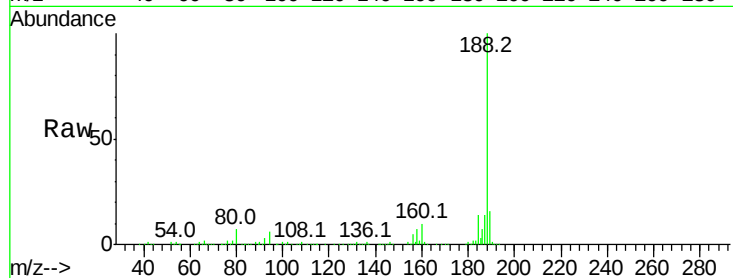




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031923.D
Acq: 4 Jan 2018 19:59

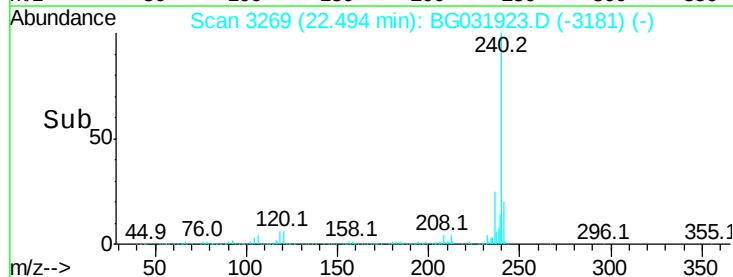
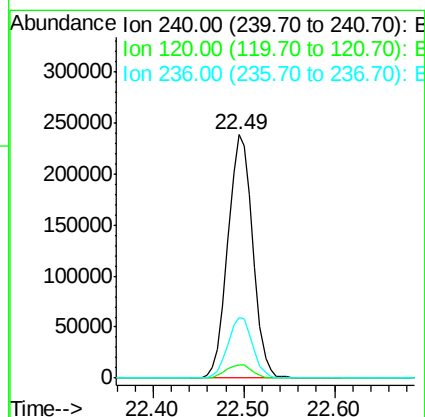
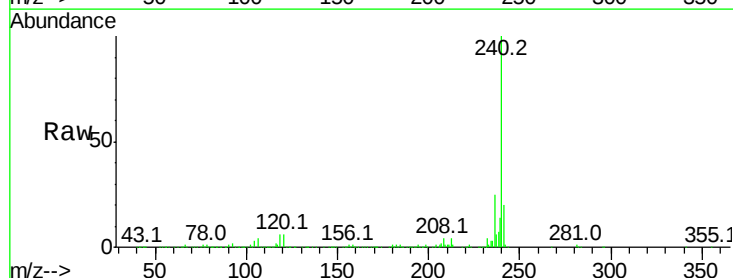
Instrument :
BNA_G
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EPE-105-1(80-82)

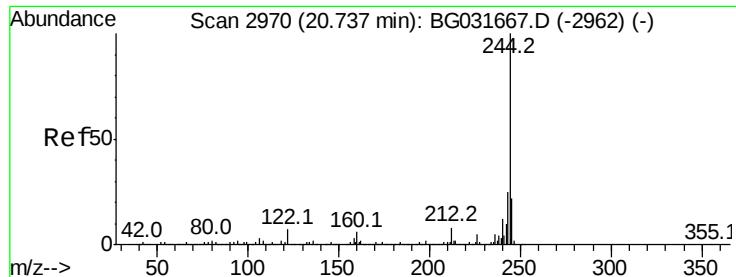
Tot Ion:188 Resp: 377390
Ion Ratio Lower Upper
188 100
94 5.8 6.9 10.3#
80 6.6 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3269
Delta R.T. -0.01 min
Lab File: BG031923.D
Acq: 4 Jan 2018 19:59

Tgt Ion:240 Resp: 454529
Ion Ratio Lower Upper
240 100
120 5.6 6.8 10.2#
236 25.0 20.9 31.3





#78

Terphenyl-d14

Concen: 82.521 ng

RT: 20.68 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BG031923.D

Acq: 4 Jan 2018 19:59

Instrument :

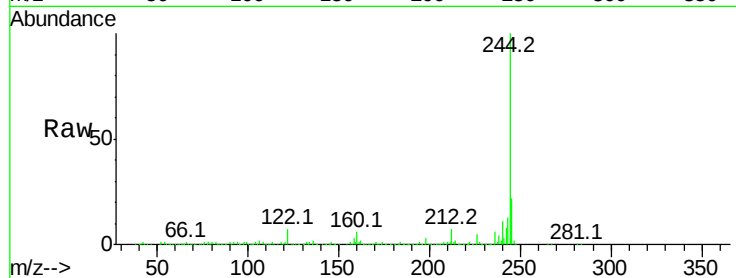
BNA_G

ClientSampleId :

EPE-105-1(80-82)

Tot Ion:244 Resp: 1641747

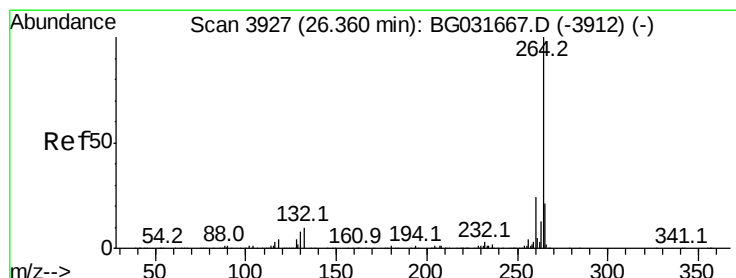
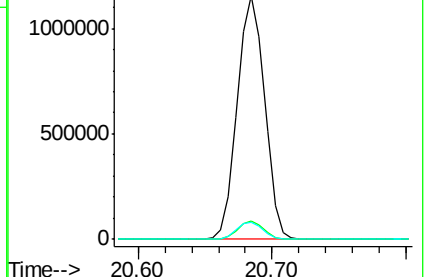
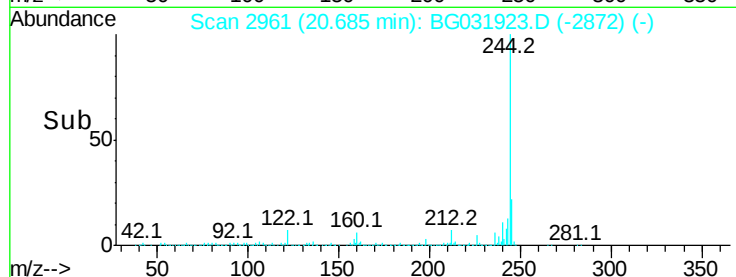
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	7.0	7.0	10.4



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: 26.24 min Scan# 3906

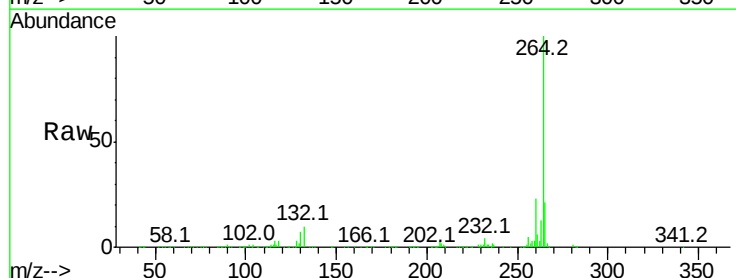
Delta R.T. -0.02 min

Lab File: BG031923.D

Acq: 4 Jan 2018 19:59

Tgt Ion:264 Resp: 443025

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.3	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

