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 Data File : BG032144.D
 Acq On : 18 Jan 2018 20:09
 Operator : SJ/JU
 Sample : J1187-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-4A(55-57)

Quant Time: Jan 19 04:46:58 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

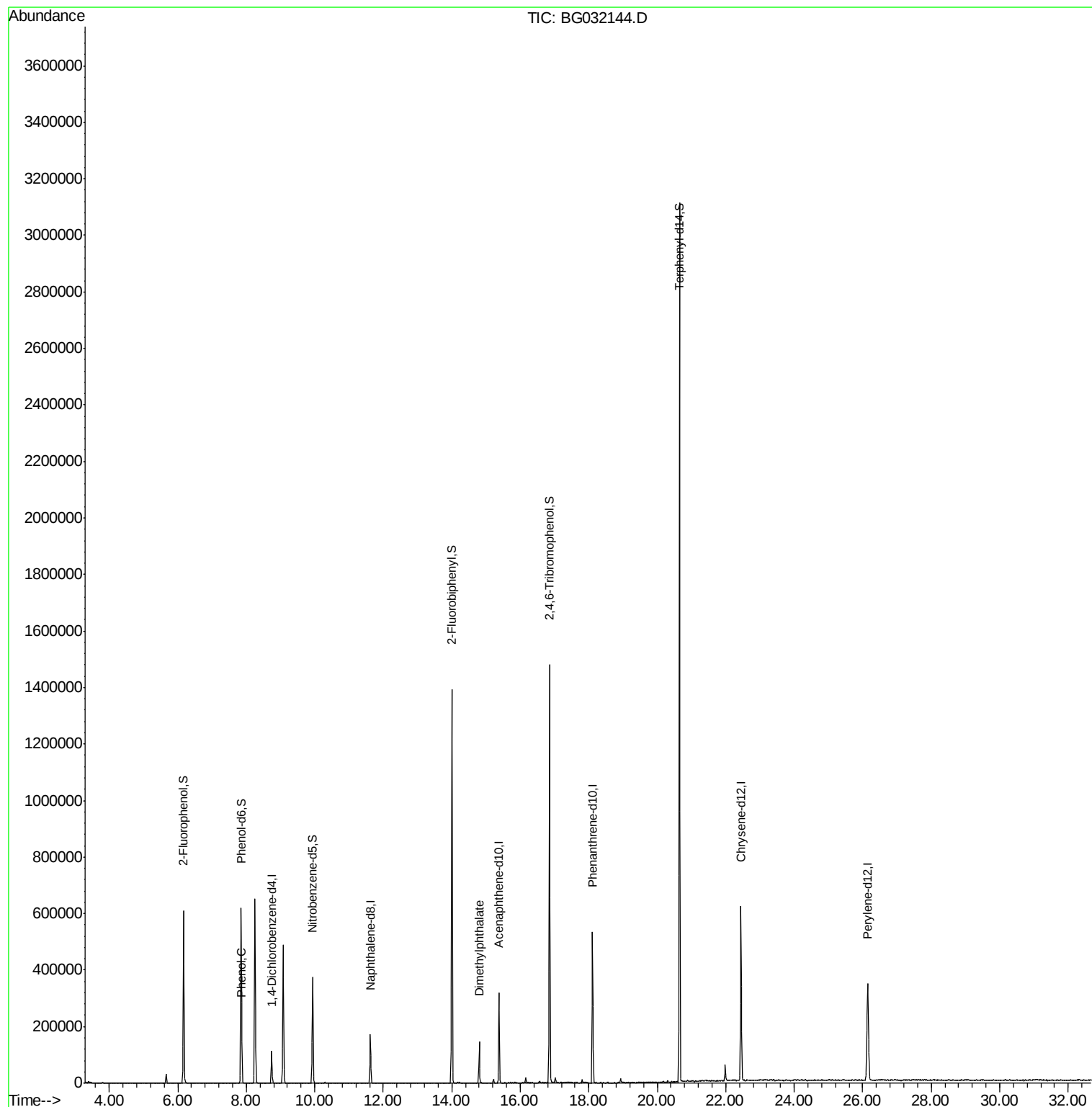
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	37336	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	164797	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	121686	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	355442	20.00	ng	0.00
75) Chrysene-d12	22.45	240	467237	20.00	ng	0.00
86) Perylene-d12	26.15	264	479234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	309726	151.72	ng	0.00
7) Phenol-d6	7.85	99	405953	157.90	ng	0.00
23) Nitrobenzene-d5	9.94	82	237857	97.65	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	319793	158.82	ng	0.00
44) 2-Fluorobiphenyl	14.00	172	823785	83.94	ng	0.00
78) Terphenyl-d14	20.65	244	1663565	78.62	ng	0.00
Target Compounds						
10) Phenol	7.88	94	14390	5.682	ng	90
49) Dimethylphthalate	14.80	163	116832	10.972	ng	# 98

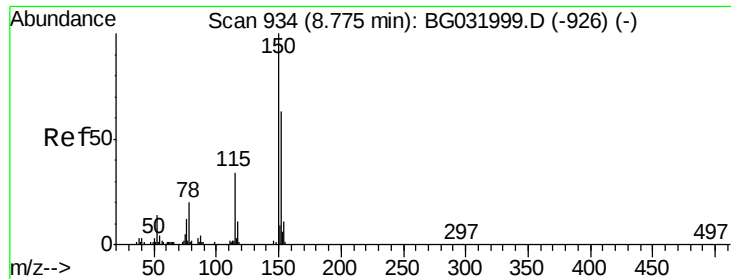
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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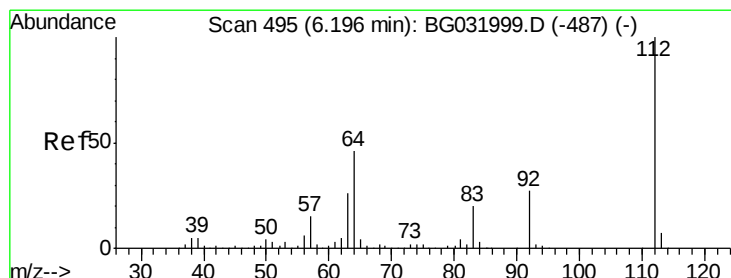
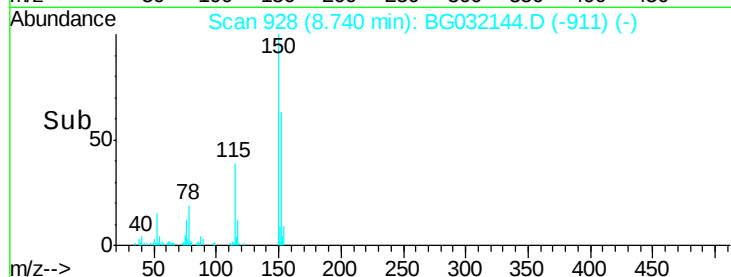
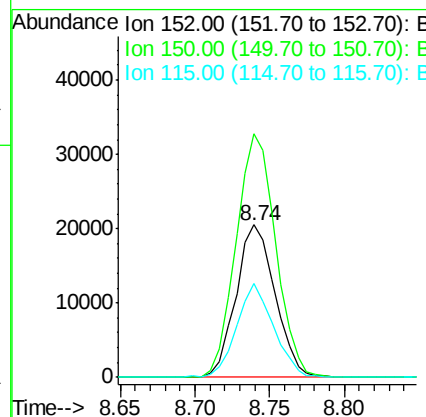
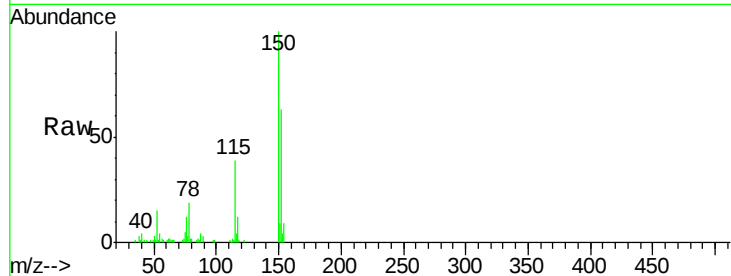


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG032144.D
Acq: 18 Jan 2018 20:09

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(55-57)

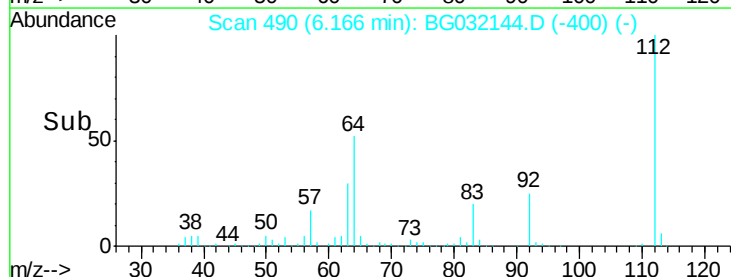
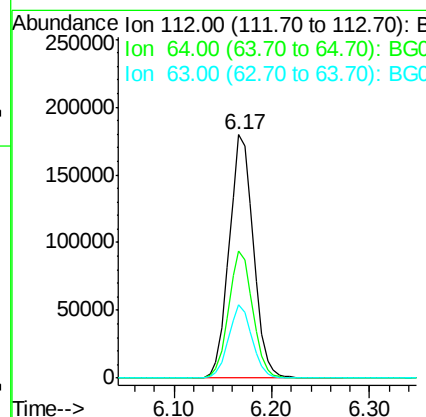
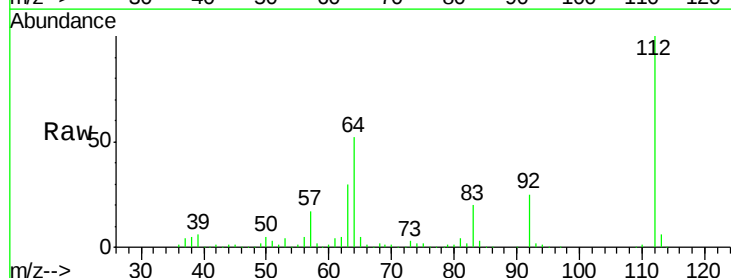
Tgt Ion:152 Resp: 37336
Ion Ratio Lower Upper
152 100
150 159.5 126.6 189.8
115 61.7 53.0 79.4

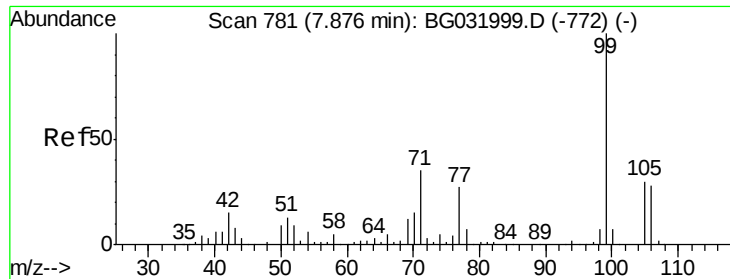


#5

2-Fluorophenol
Concen: 151.722 ng
RT: 6.17 min Scan# 490
Delta R.T. -0.00 min
Lab File: BG032144.D
Acq: 18 Jan 2018 20:09

Tgt Ion:112 Resp: 309726
Ion Ratio Lower Upper
112 100
64 52.4 56.3 84.5#
63 30.0 30.1 45.1#





#7

Phenol-d6

Concen: 157.895 ng

RT: 7.85 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG032144.D

Acq: 18 Jan 2018 20:09

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(55-57)

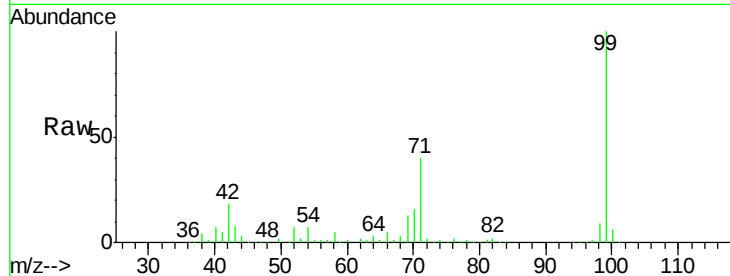
Tgt Ion: 99 Resp: 405953

Ion Ratio Lower Upper

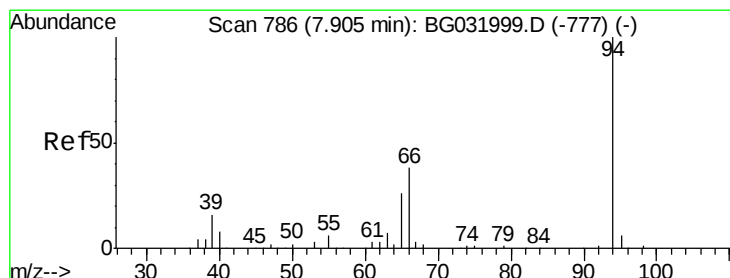
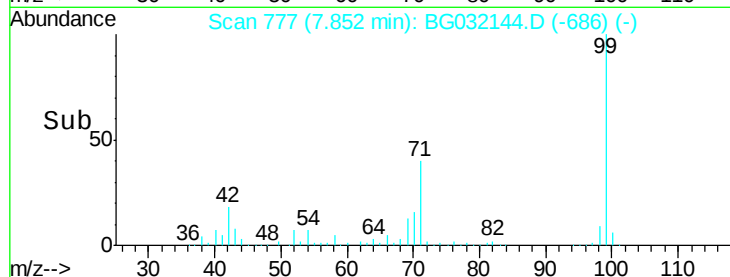
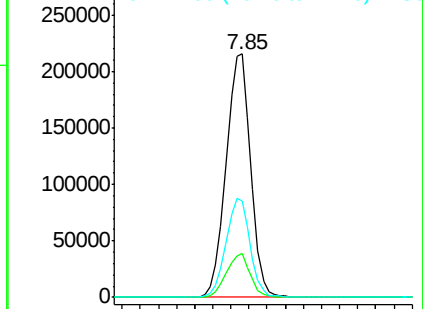
99 100

42 17.9 14.1 21.1

71 39.8 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: 5.682 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG032144.D

Acq: 18 Jan 2018 20:09

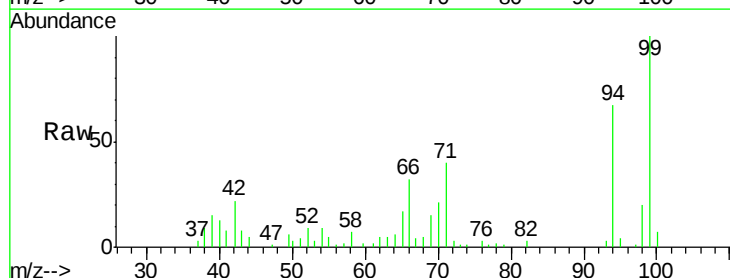
Tgt Ion: 94 Resp: 14390

Ion Ratio Lower Upper

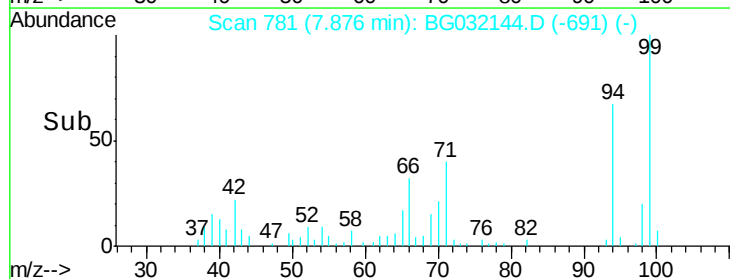
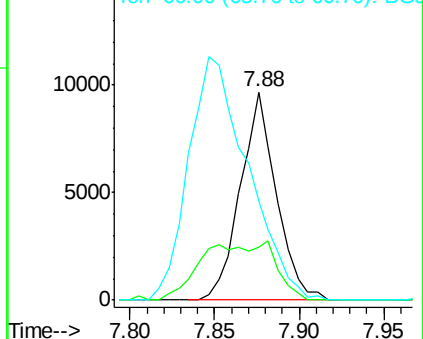
94 100

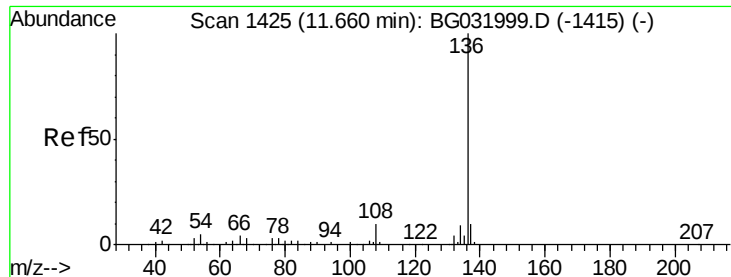
65 25.5 11.9 51.9

66 47.4 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

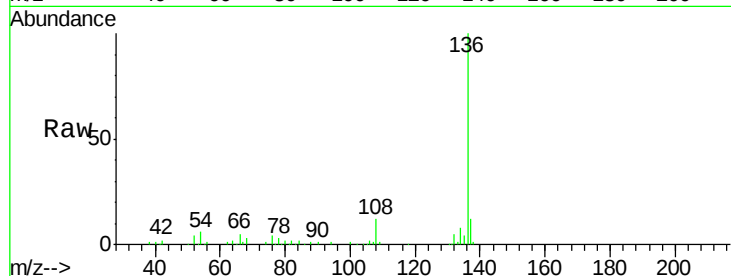




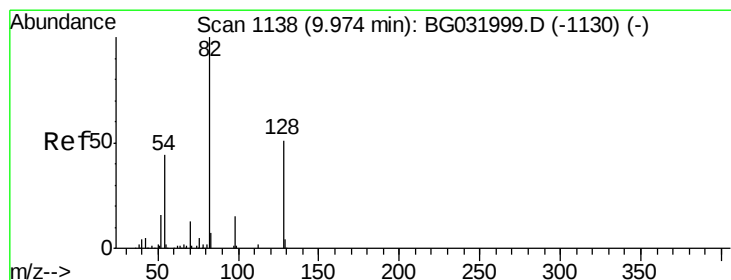
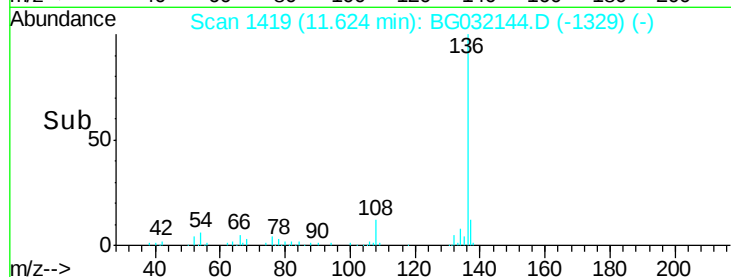
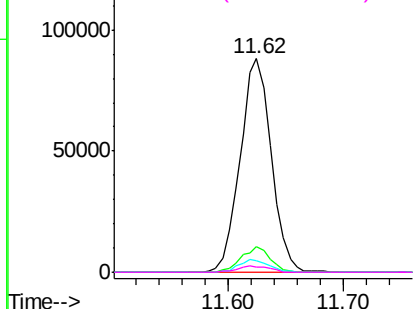
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG032144.D
Acq: 18 Jan 2018 20:09

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(55-57)

Tgt Ion:	136	Resp:	164797
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	5.6	10.3	15.5#
68	2.6	4.5	6.7#

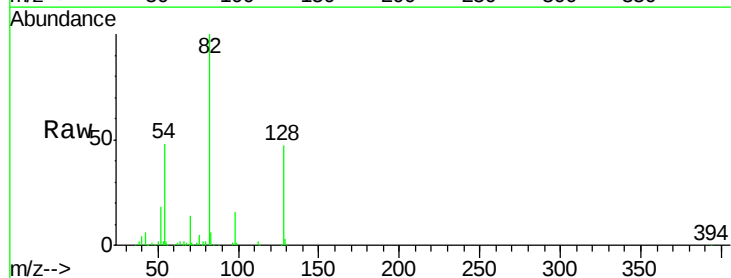


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

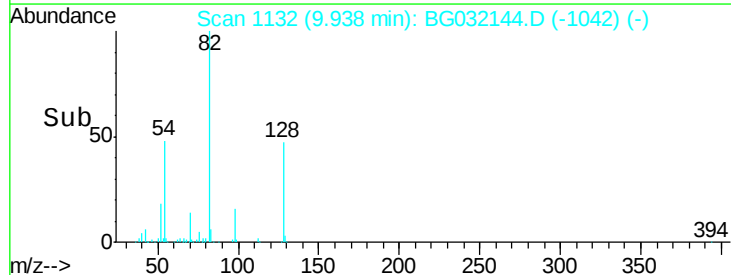
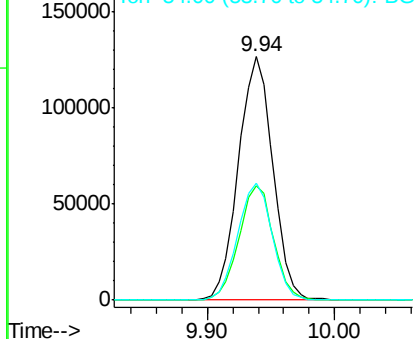


#23
Nitrobenzene-d5
Concen: 97.648 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032144.D
Acq: 18 Jan 2018 20:09

Tgt Ion:	82	Resp:	237857
Ion	Ratio	Lower	Upper
82	100		
128	47.0	29.7	44.5#
54	48.0	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: 15.38 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG032144.D

Acq: 18 Jan 2018 20:09

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(55-57)

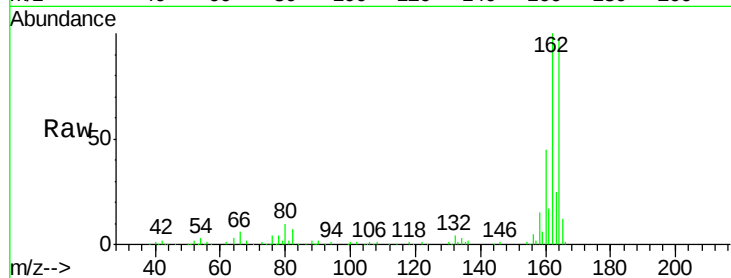
Tgt Ion:164 Resp: 121686

Ion Ratio Lower Upper

164 100

162 103.0 78.8 118.2

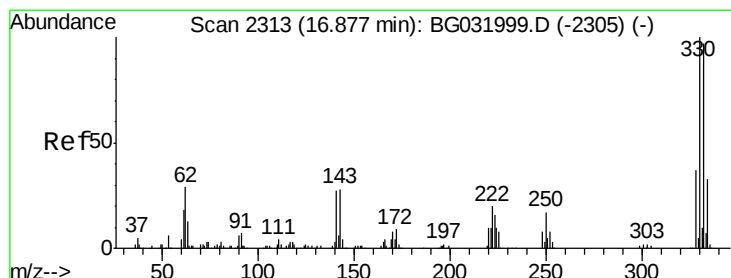
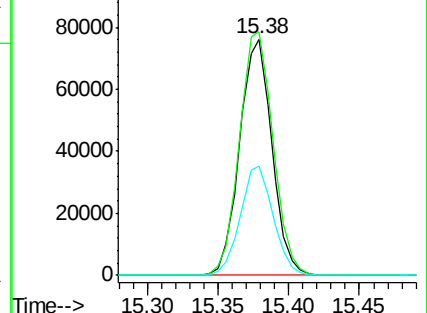
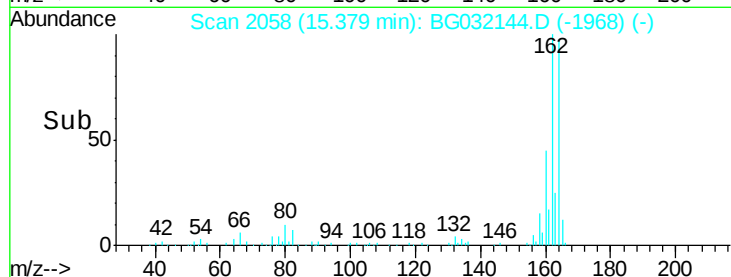
160 45.9 35.4 53.0



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: 158.815 ng

RT: 16.85 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BG032144.D

Acq: 18 Jan 2018 20:09

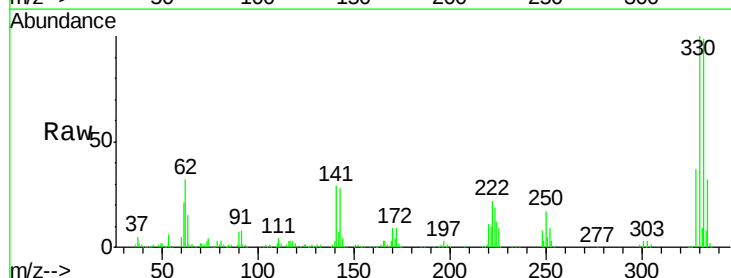
Tgt Ion:330 Resp: 319793

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

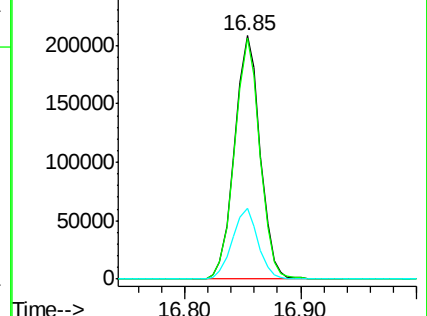
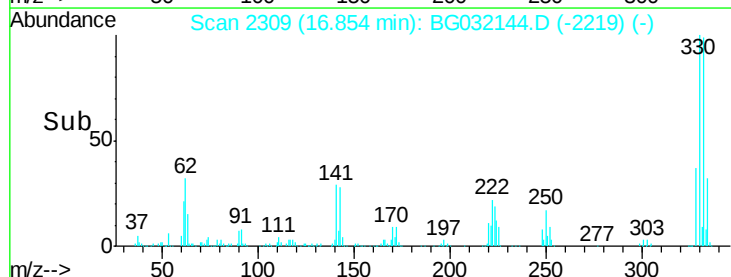
141 29.0 25.2 37.8



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

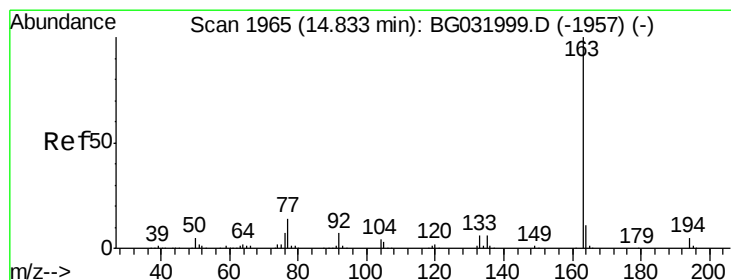
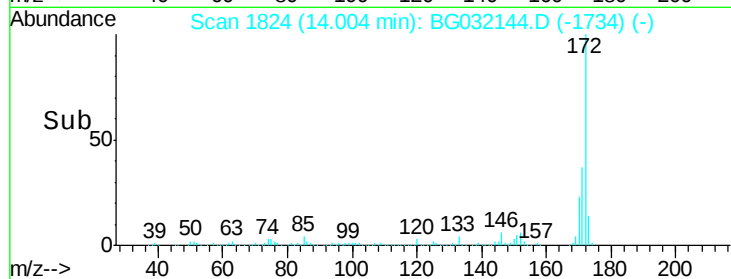
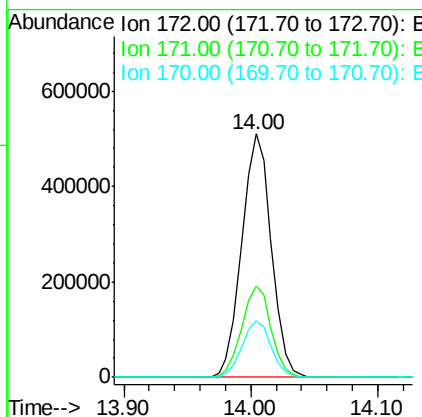
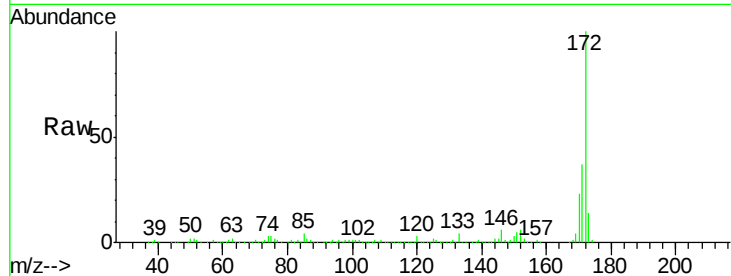




#44
2-Fluorobiphenyl
Concen: 83.942 ng
RT: 14.00 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG032144.D
Acq: 18 Jan 2018 20:09

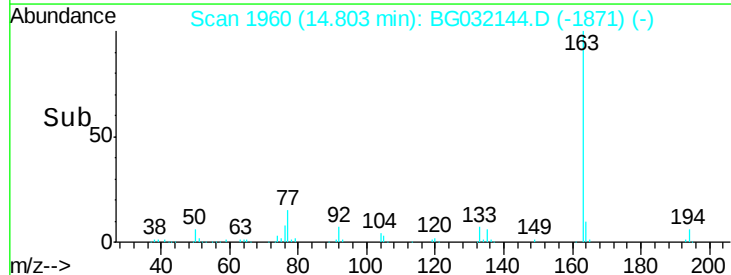
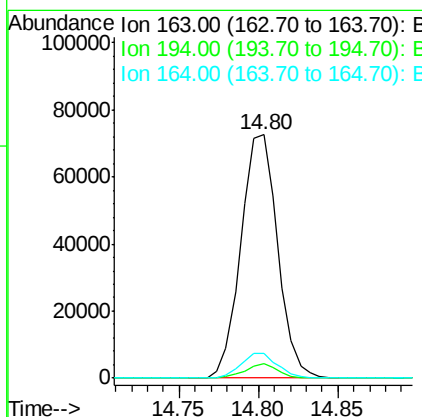
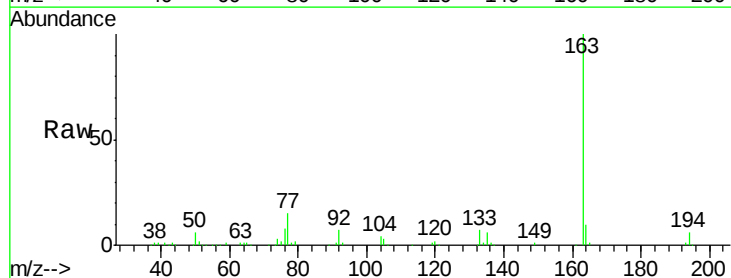
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(55-57)

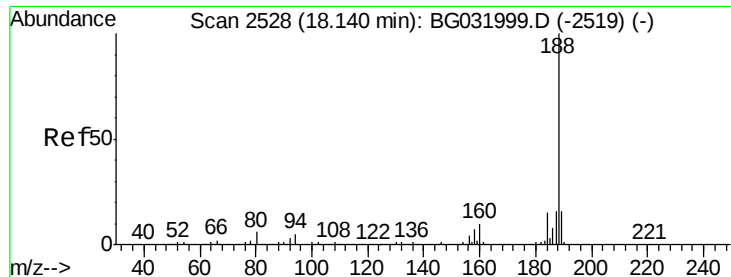
Tgt Ion:172 Resp: 823785
Ion Ratio Lower Upper
172 100
171 37.3 30.0 45.0
170 23.2 19.5 29.3



#49
Dimethylphthalate
Concen: 10.972 ng
RT: 14.80 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG032144.D
Acq: 18 Jan 2018 20:09

Tgt Ion:163 Resp: 116832
Ion Ratio Lower Upper
163 100
194 6.0 3.4 5.2#
164 10.3 8.2 12.4

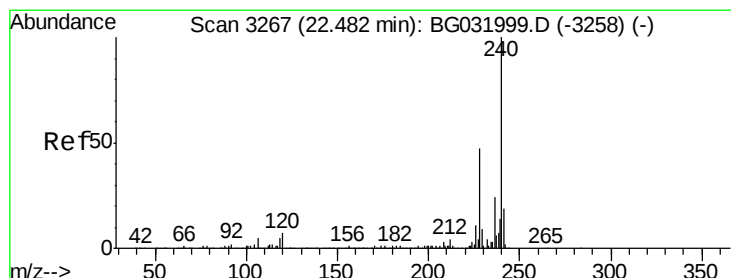
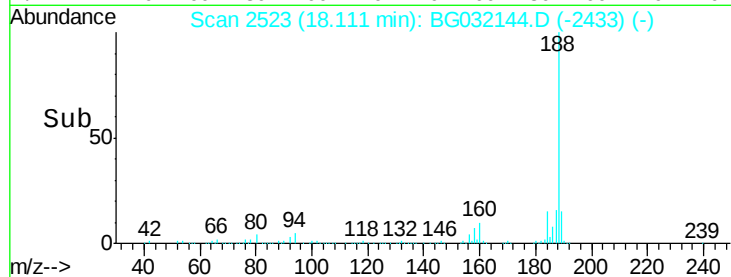
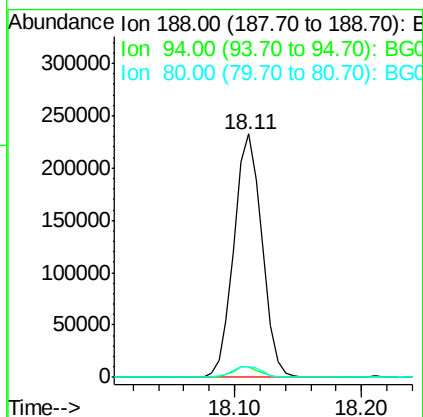
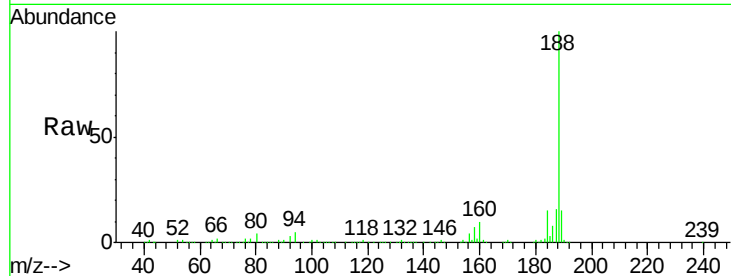




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG032144.D
Acq: 18 Jan 2018 20:09

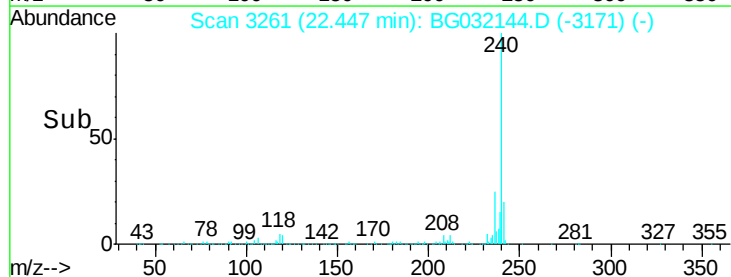
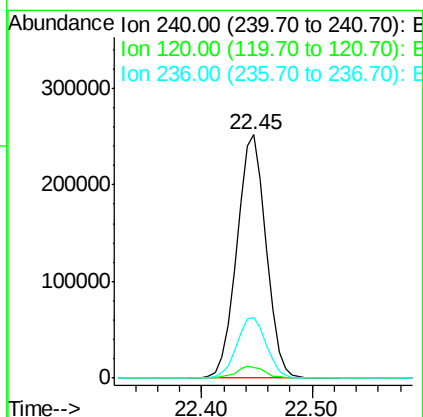
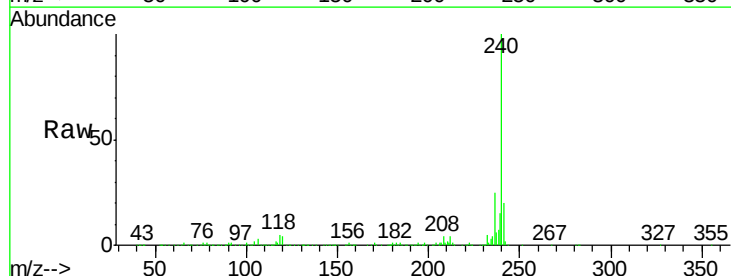
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(55-57)

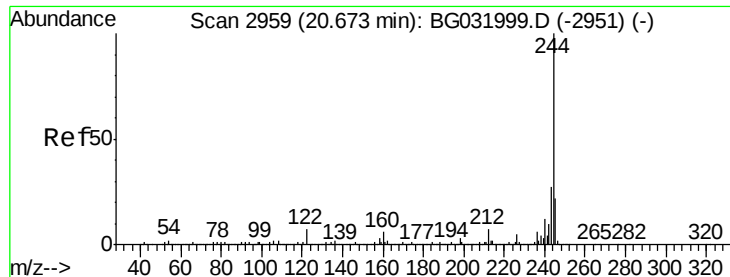
Tgt Ion:188 Resp: 355442
Ion Ratio Lower Upper
188 100
94 4.5 6.9 10.3#
80 4.4 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.45 min Scan# 3261
Delta R.T. -0.00 min
Lab File: BG032144.D
Acq: 18 Jan 2018 20:09

Tgt Ion:240 Resp: 467237
Ion Ratio Lower Upper
240 100
120 4.4 6.8 10.2#
236 24.8 20.9 31.3





#78

Terphenyl-d14

Concen: 78.616 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG032144.D

Acq: 18 Jan 2018 20:09

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(55-57)

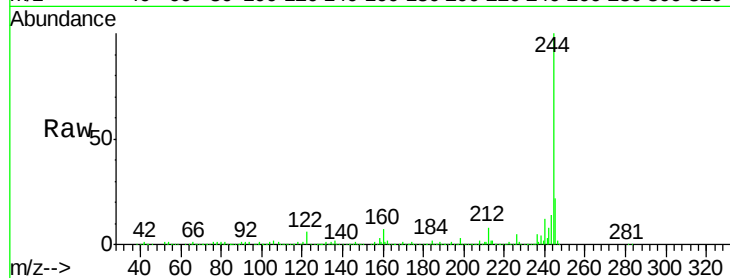
Tgt Ion:244 Resp: 1663565

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

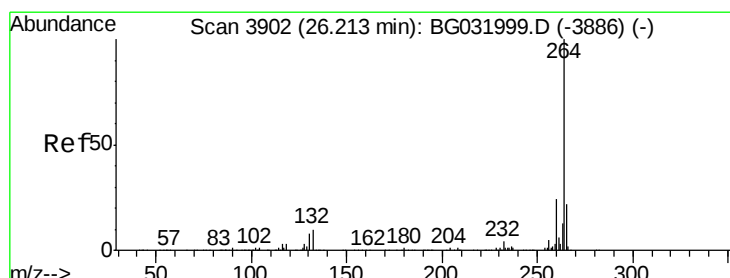
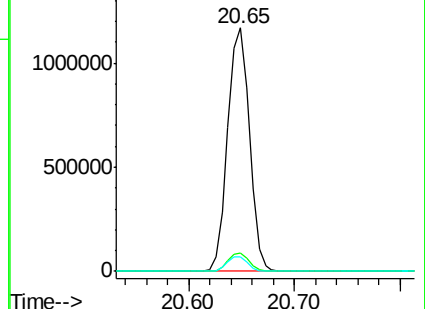
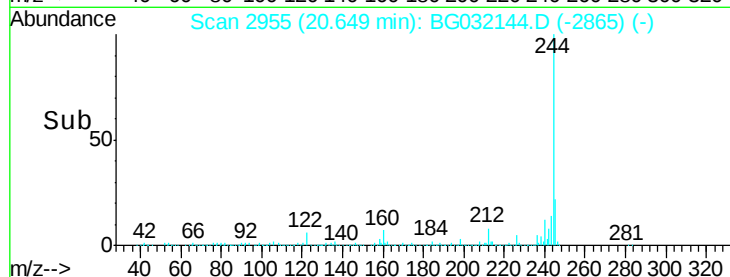
122 6.1 7.0 10.4#



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: 26.15 min Scan# 3891

Delta R.T. -0.00 min

Lab File: BG032144.D

Acq: 18 Jan 2018 20:09

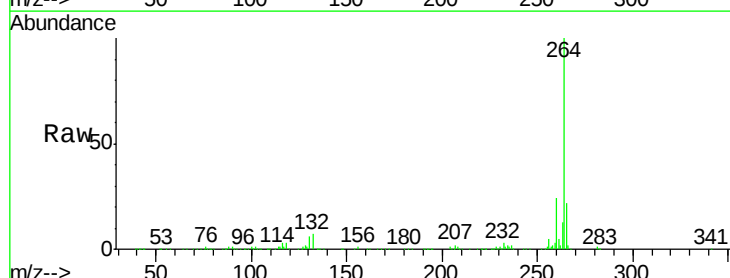
Tgt Ion:264 Resp: 479234

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 22.0 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

