

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010318\
 Data File : BG031887.D
 Acq On : 3 Jan 2018 12:51
 Operator : SJ/JU
 Sample : I7106-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-2(25-27)

Quant Time: Jan 03 14:27:53 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

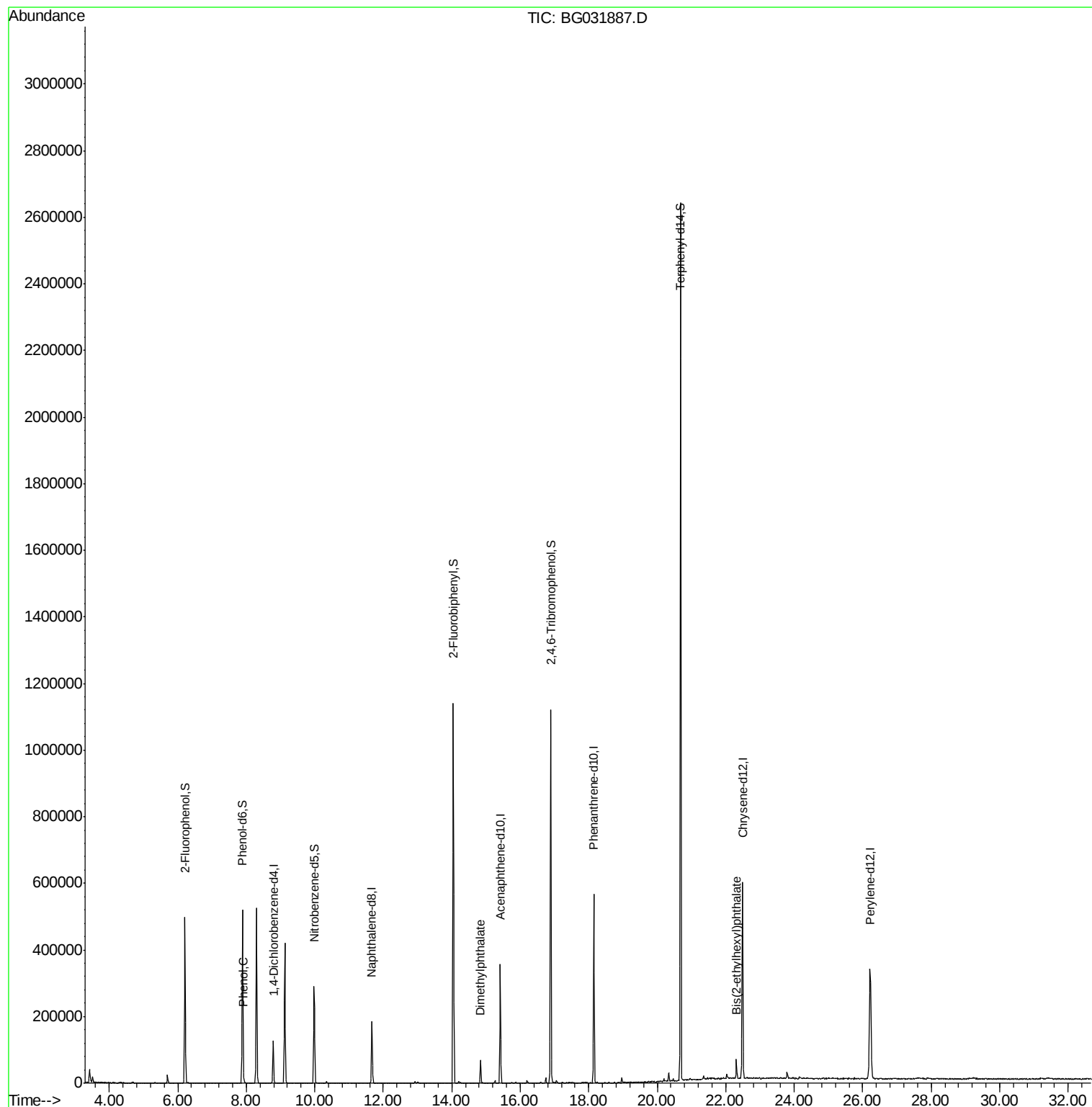
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	43737	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	187555	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	137800	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	387495	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	448740	20.00	ng	-0.02
86) Perylene-d12	26.22	264	464101	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	277718	115.65	ng	0.00
7) Phenol-d6	7.89	99	363303	116.53	ng	0.00
23) Nitrobenzene-d5	9.98	82	192815	77.63	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	269563	128.20	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	700261	63.78	ng	0.00
78) Terphenyl-d14	20.68	244	1384188	70.47	ng	-0.01
Target Compounds						
10) Phenol	7.92	94	16629	5.283	ng	90
49) Dimethylphthalate	14.84	163	54628	4.500	ng	# 97
83) Bis(2-ethylhexyl)phthalate	22.31	149	33849	2.428	ng	91

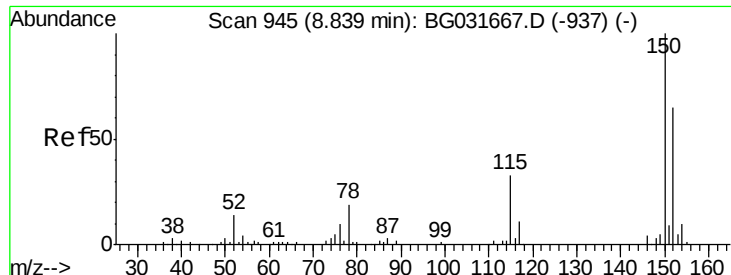
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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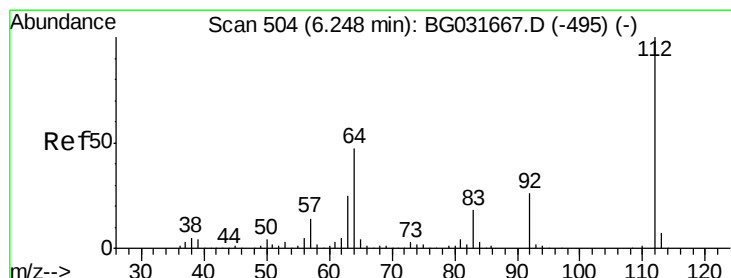
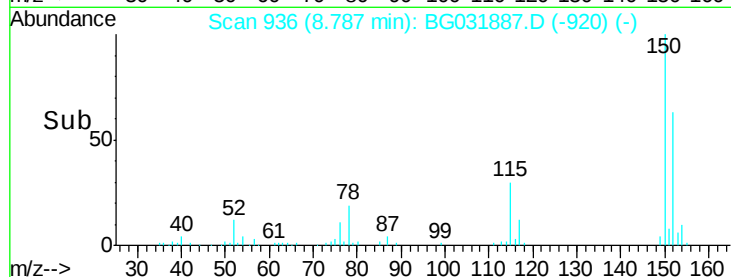
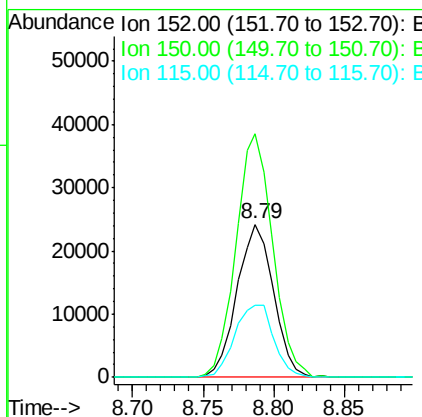
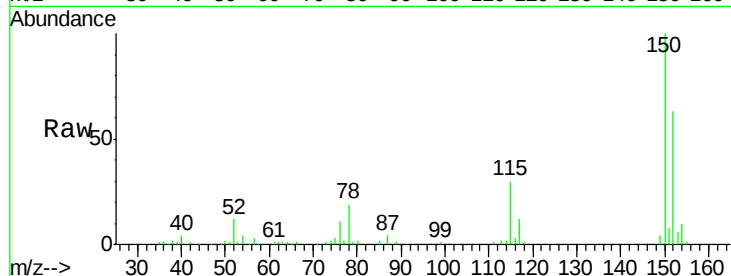


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG031887.D
Acq: 3 Jan 2018 12:51

Instrument :
BNA_G
ClientSampleId :
EPE-106-2(25-27)

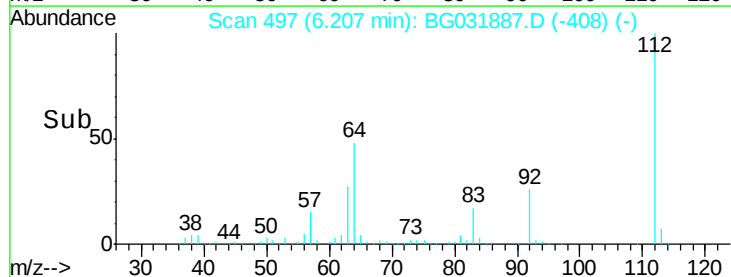
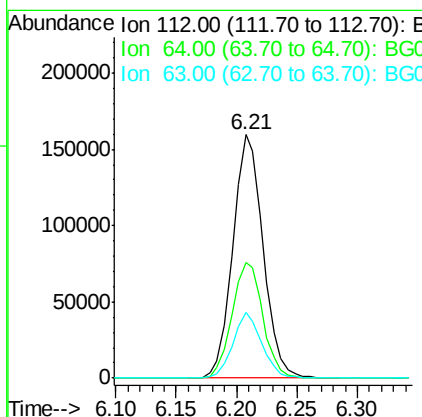
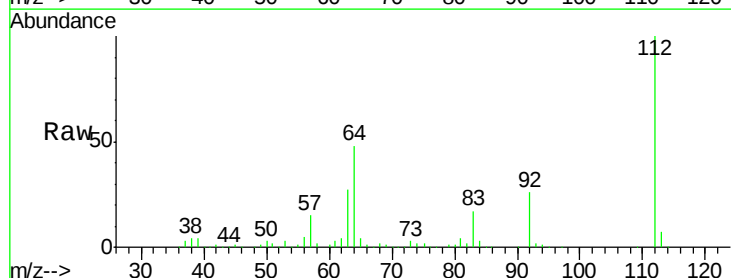
Tgt Ion:152 Resp: 43737
Ion Ratio Lower Upper
152 100
150 159.3 126.6 189.8
115 47.1 53.0 79.4#

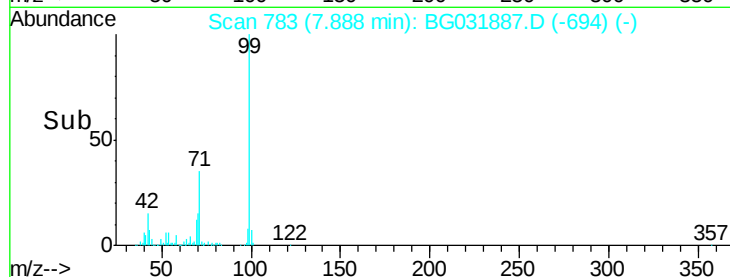
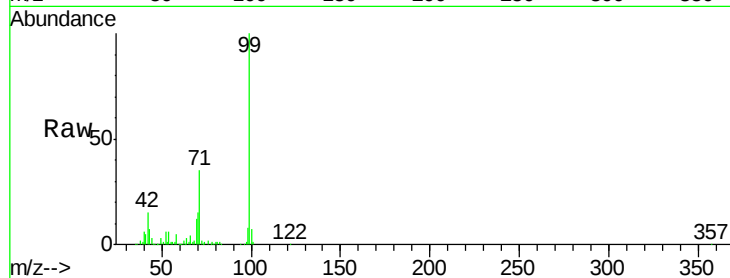
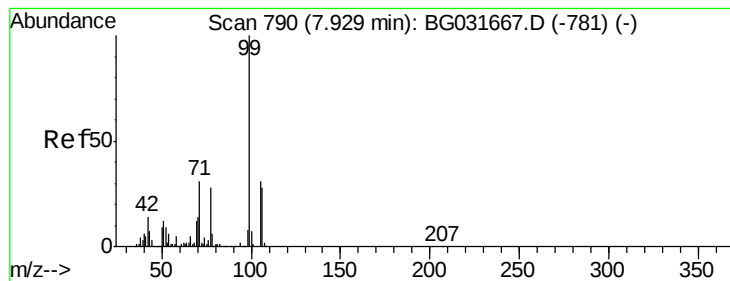


#5

2-Fluorophenol
Concen: 115.653 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.01 min
Lab File: BG031887.D
Acq: 3 Jan 2018 12:51

Tgt Ion:112 Resp: 277718
Ion Ratio Lower Upper
112 100
64 47.7 56.3 84.5#
63 26.8 30.1 45.1#





#7

Phenol-d6

Concen: 116.530 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG031887.D

Acq: 3 Jan 2018 12:51

Instrument :

BNA_G

ClientSampleId :

EPE-106-2(25-27)

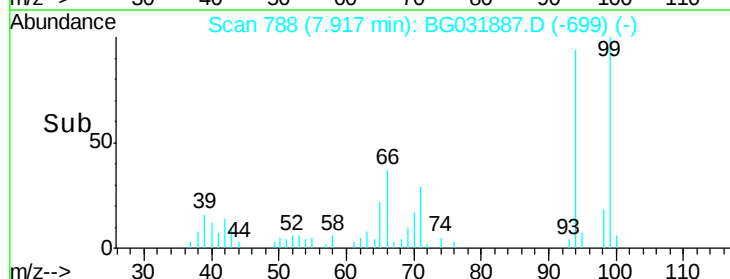
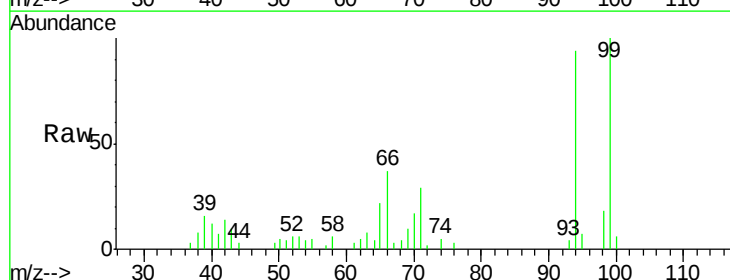
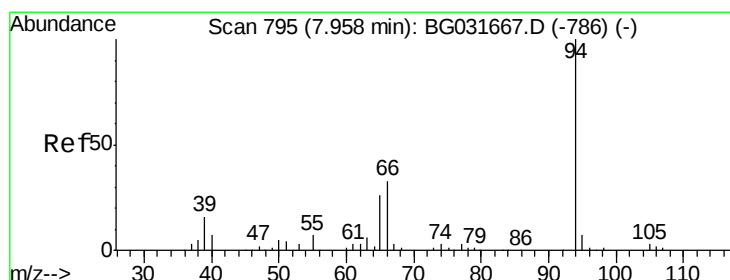
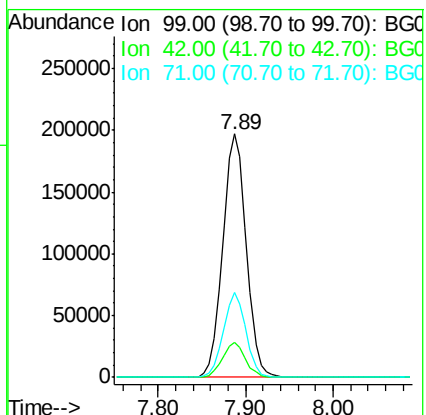
Tgt Ion: 99 Resp: 363303

Ion Ratio Lower Upper

99 100

42 14.6 14.1 21.1

71 35.0 26.1 39.1



#10

Phenol

Concen: 5.283 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031887.D

Acq: 3 Jan 2018 12:51

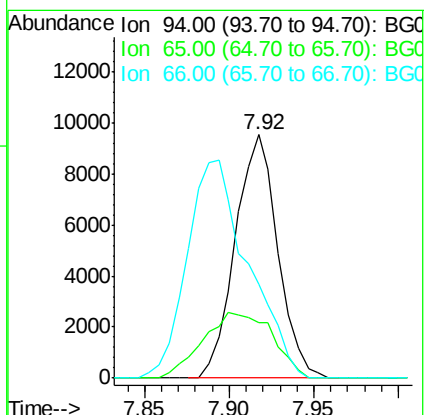
Tgt Ion: 94 Resp: 16629

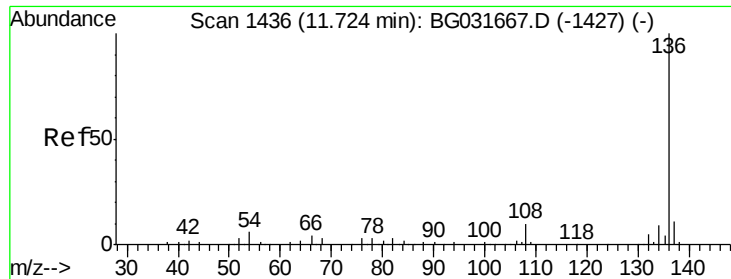
Ion Ratio Lower Upper

94 100

65 23.0 11.9 51.9

66 38.7 22.2 62.2

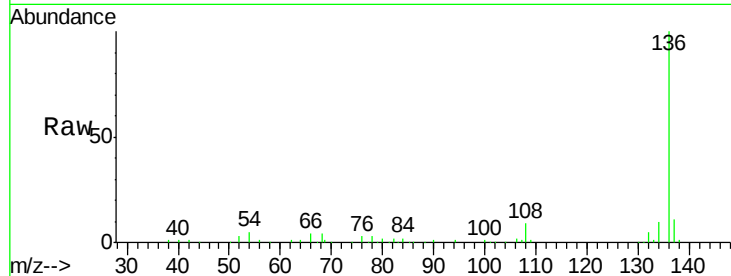




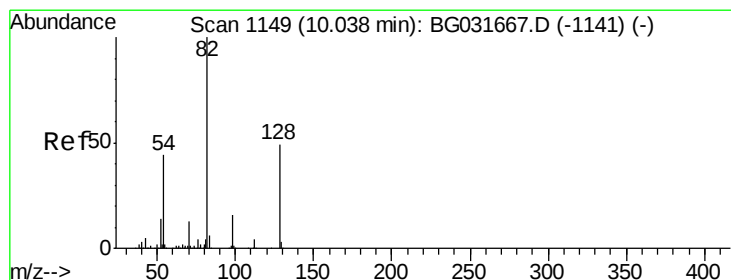
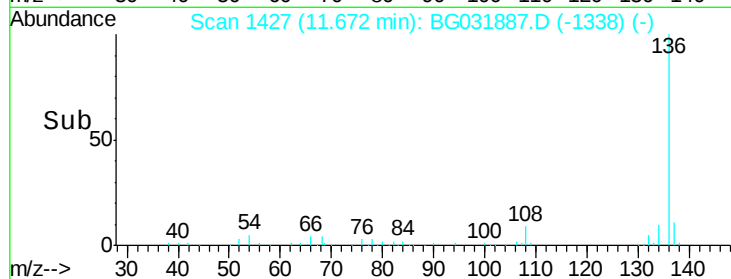
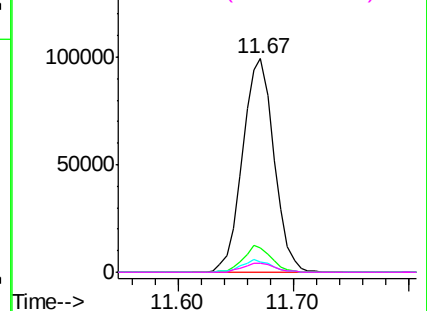
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BG031887.D
Acq: 3 Jan 2018 12:51

Instrument :
BNA_G
ClientSampleId :
EPE-106-2(25-27)

Tgt Ion:	136	Resp:	187555
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.2	13.8
54	4.8	10.3	15.5
68	5.0	4.5	6.7

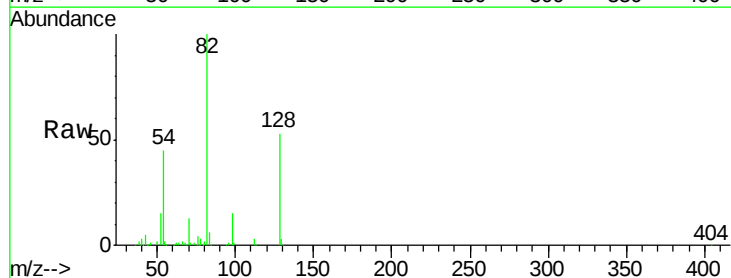


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

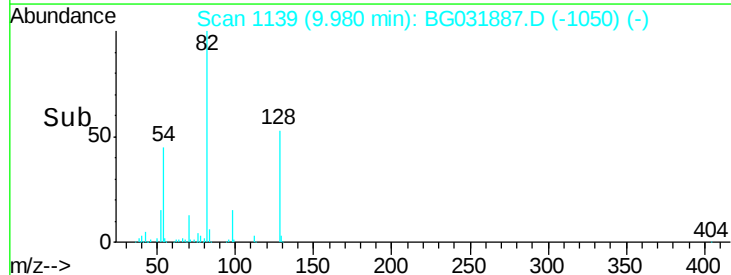
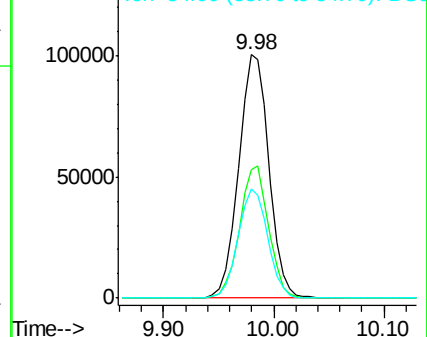


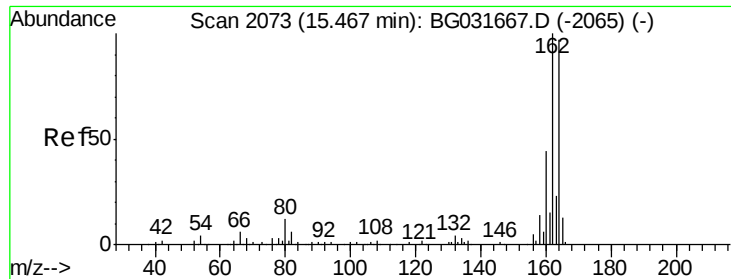
#23
Nitrobenzene-d5
Concen: 77.630 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG031887.D
Acq: 3 Jan 2018 12:51

Tgt Ion:	82	Resp:	192815
Ion Ratio	Lower	Upper	
82	100		
128	52.8	29.7	44.5
54	44.8	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.41 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BG031887.D

Acq: 3 Jan 2018 12:51

Instrument :

BNA_G

ClientSampleId :

EPE-106-2(25-27)

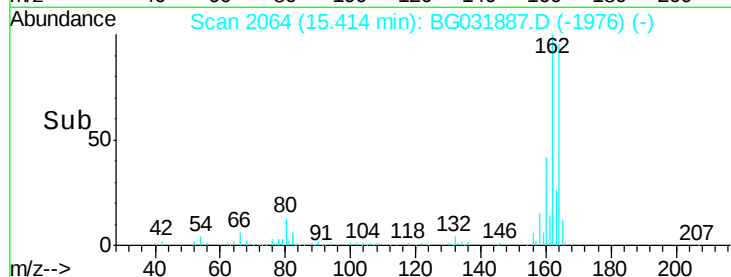
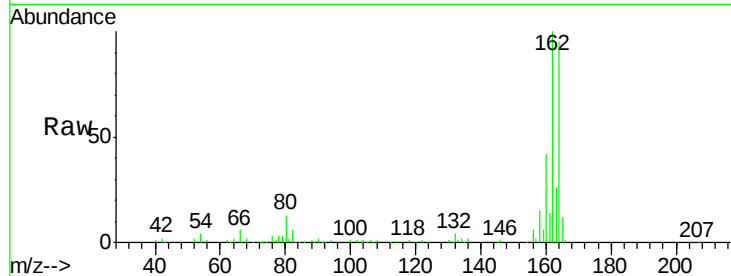
Tgt Ion:164 Resp: 137800

Ion Ratio Lower Upper

164 100

162 105.5 78.8 118.2

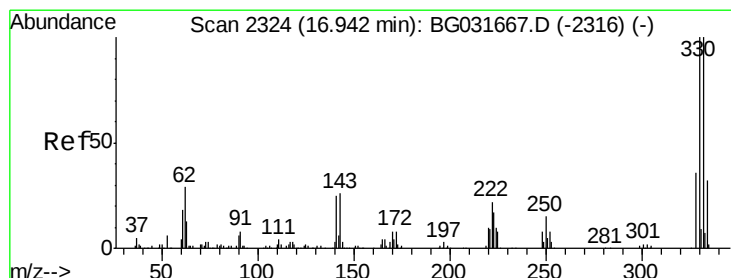
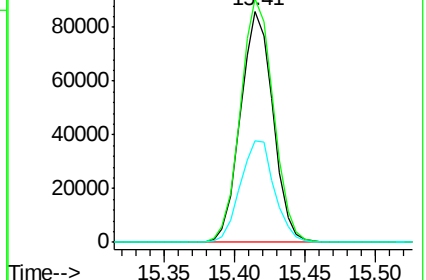
160 43.8 35.4 53.0



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: 128.202 ng

RT: 16.89 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BG031887.D

Acq: 3 Jan 2018 12:51

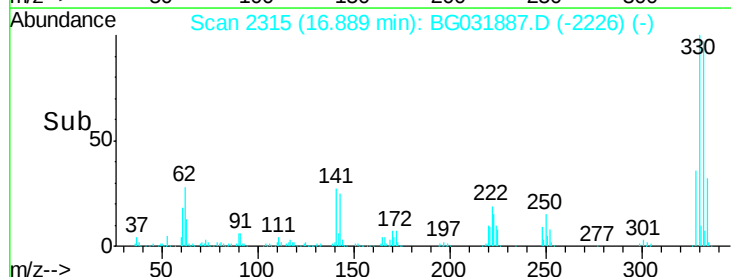
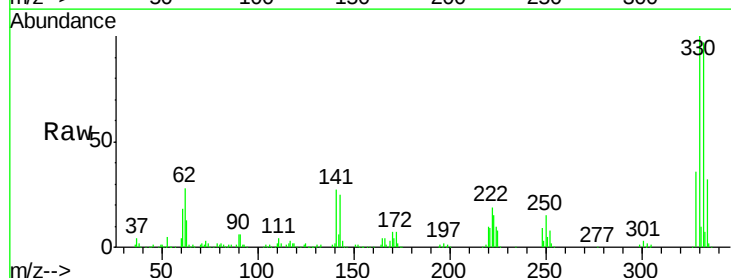
Tgt Ion:330 Resp: 269563

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

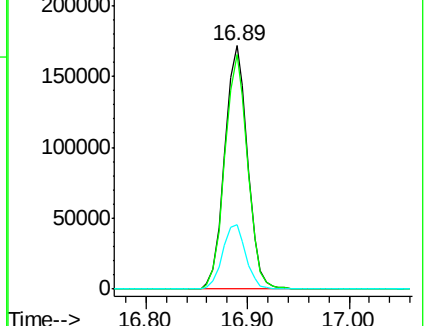
141 26.8 25.2 37.8

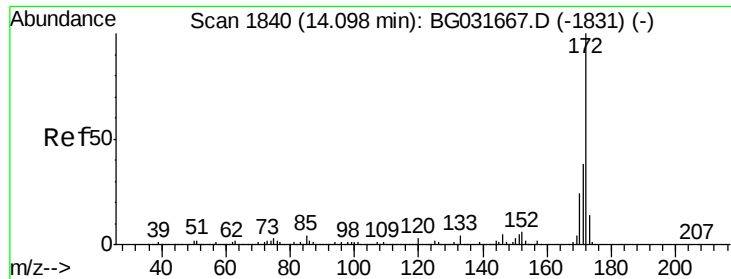


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

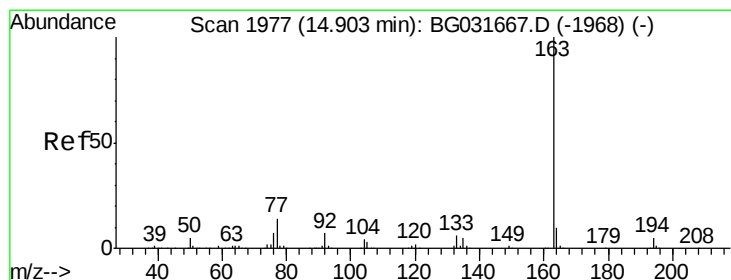
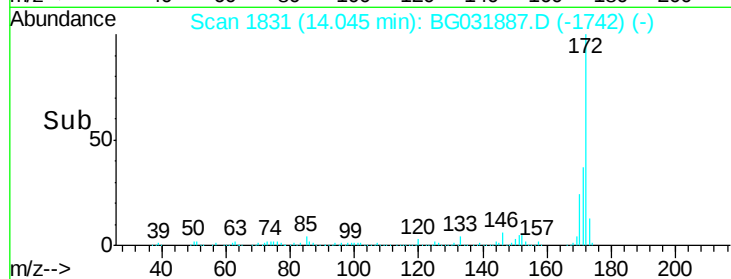
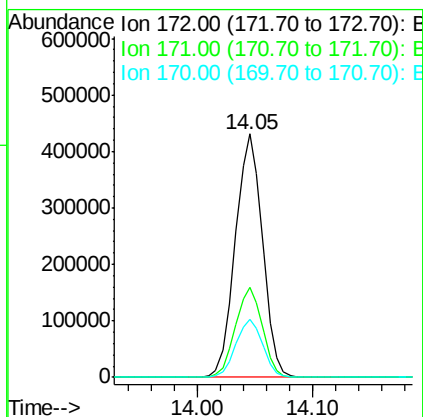
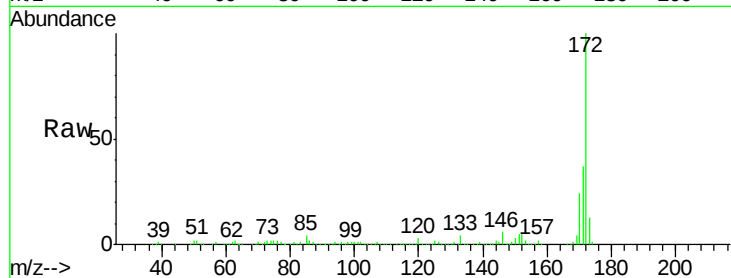




#44
 2-Fluorobiphenyl
 Concen: 63.782 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG031887.D
 Acq: 3 Jan 2018 12:51

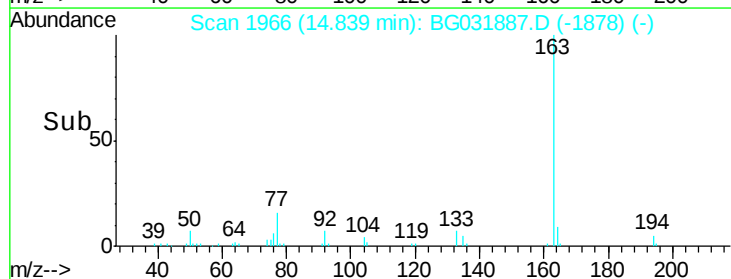
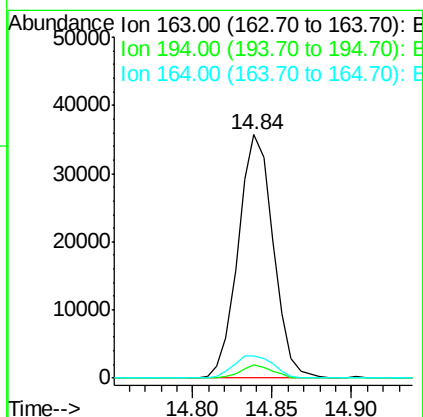
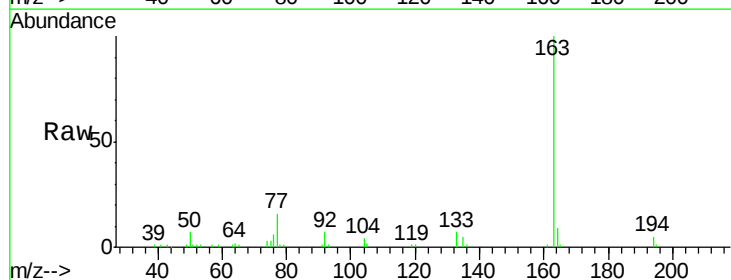
Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-2(25-27)

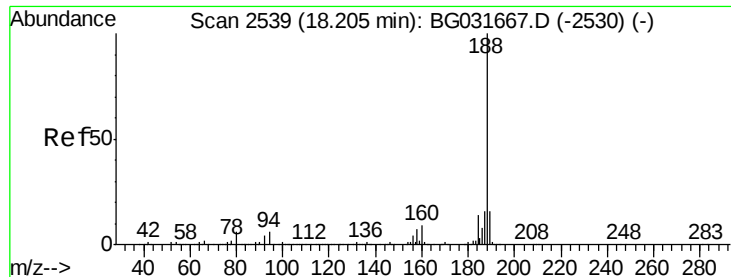
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	24.0	19.5	29.3



#49
 Dimethylphthalate
 Concen: 4.500 ng
 RT: 14.84 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG031887.D
 Acq: 3 Jan 2018 12:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.2#
164	9.4	8.2	12.4

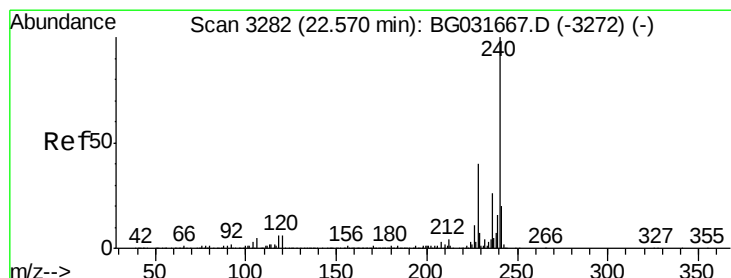
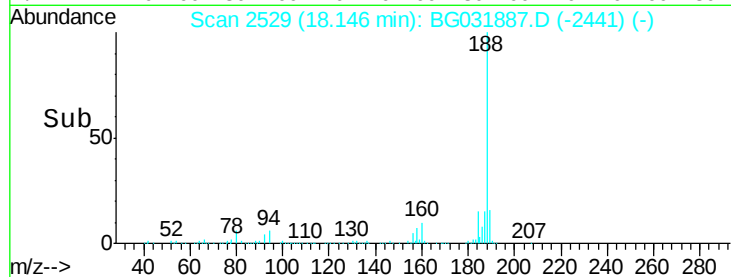
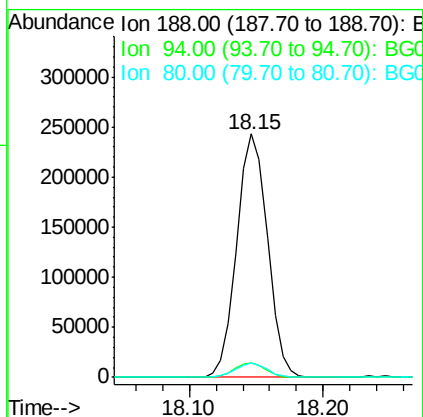
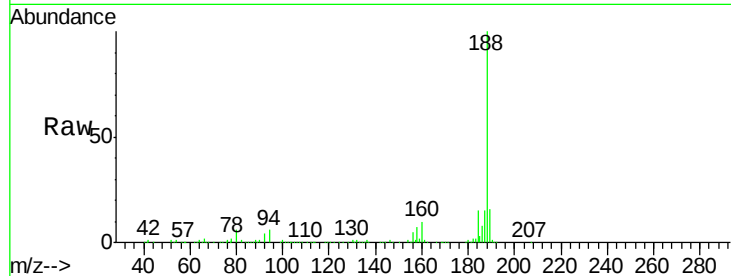




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031887.D
Acq: 3 Jan 2018 12:51

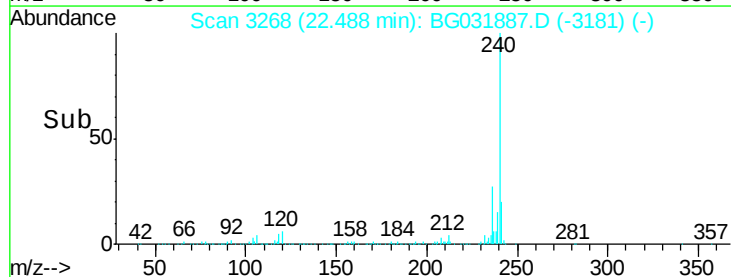
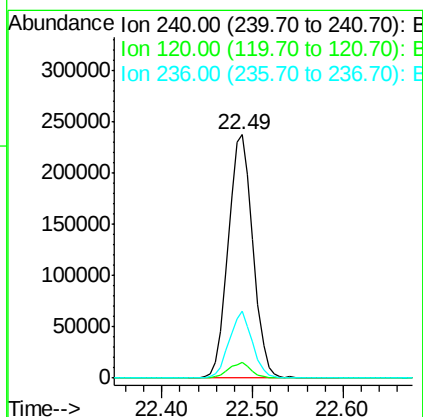
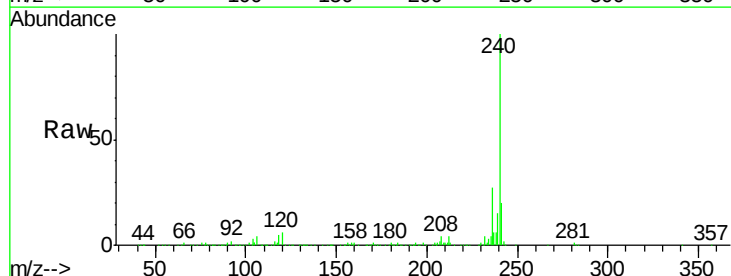
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BNA_G
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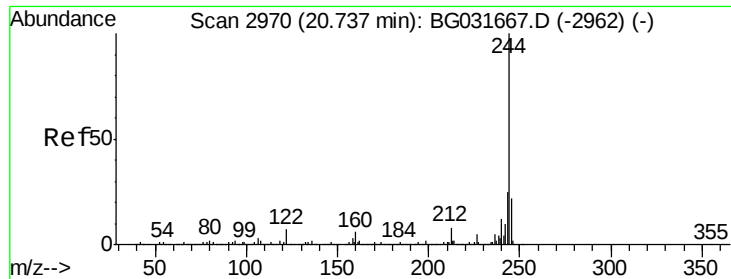
Tgt Ion:188 Resp: 387495
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 5.9 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3268
Delta R.T. -0.02 min
Lab File: BG031887.D
Acq: 3 Jan 2018 12:51

Tgt Ion:240 Resp: 448740
Ion Ratio Lower Upper
240 100
120 6.3 6.8 10.2#
236 27.3 20.9 31.3

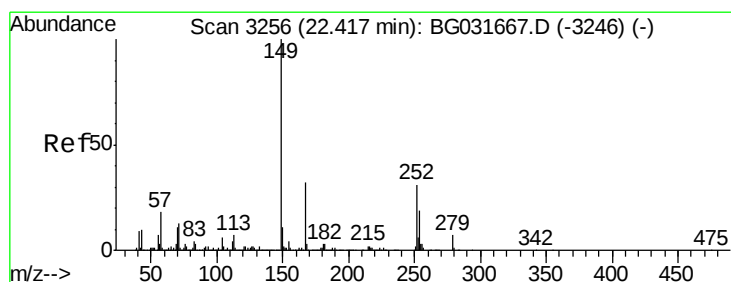
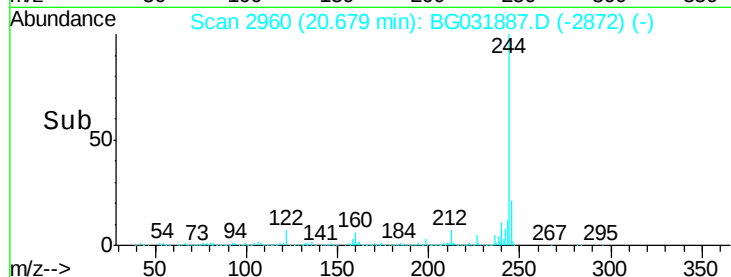
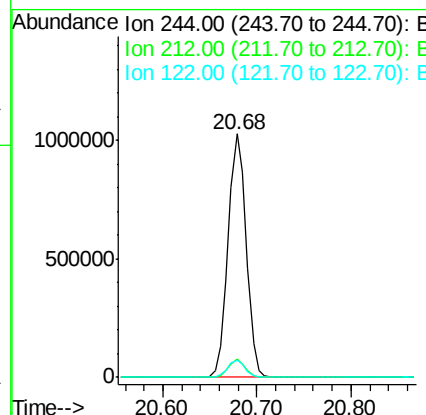
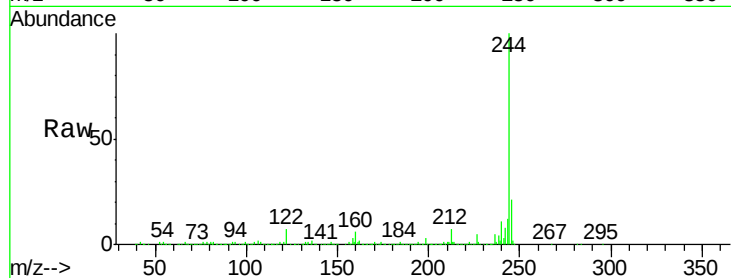




#78
 Terphenyl-d14
 Concen: 70.473 ng
 RT: 20.68 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BG031887.D
 Acq: 3 Jan 2018 12:51

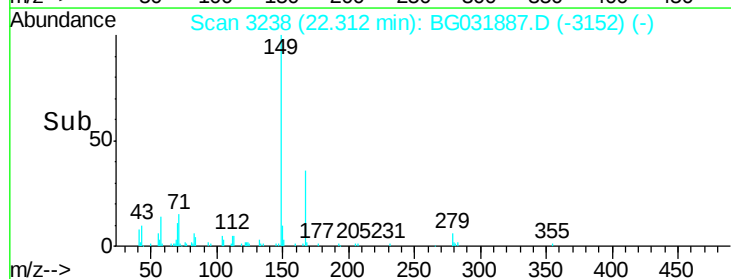
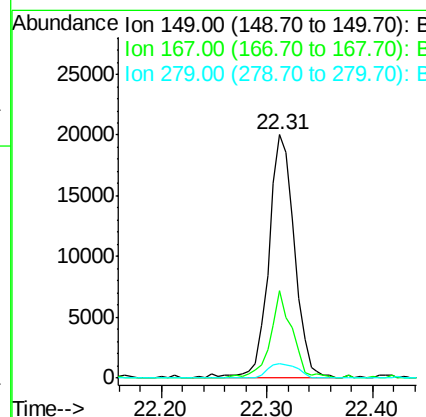
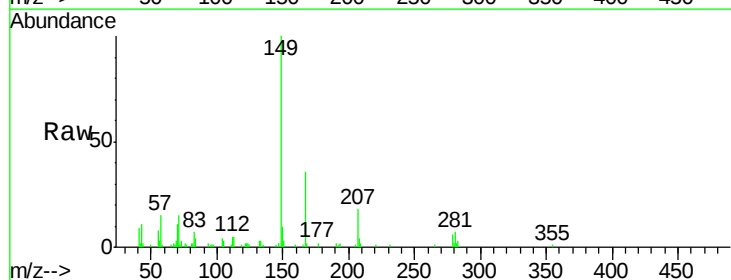
Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-2(25-27)

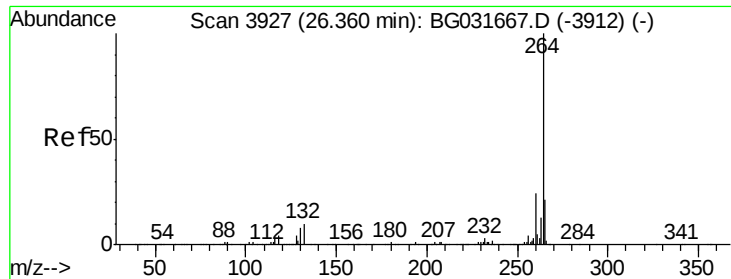
Tgt Ion:244 Resp: 1384188
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 6.9 7.0 10.4#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.428 ng
 RT: 22.31 min Scan# 3238
 Delta R.T. -0.02 min
 Lab File: BG031887.D
 Acq: 3 Jan 2018 12:51

Tgt Ion:149 Resp: 33849
 Ion Ratio Lower Upper
 149 100
 167 35.8 24.3 36.5
 279 5.8 4.0 6.0

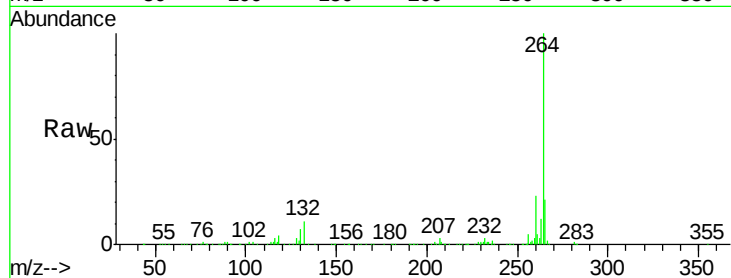




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.22 min Scan# 3903
Delta R.T. -0.04 min
Lab File: BG031887.D
Acq: 3 Jan 2018 12:51

Instrument :
BNA_G
ClientSampleId :
EPE-106-2(25-27)

Tgt Ion:264 Resp: 464101
Ion Ratio Lower Upper
264 100
260 22.8 17.4 26.0
265 20.8 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

