

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
 Data File : BG032525.D
 Acq On : 3 Feb 2018 00:03
 Operator : SJ/JU
 Sample : J1431-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 132-1-PH-3

Quant Time: Feb 03 00:53:10 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

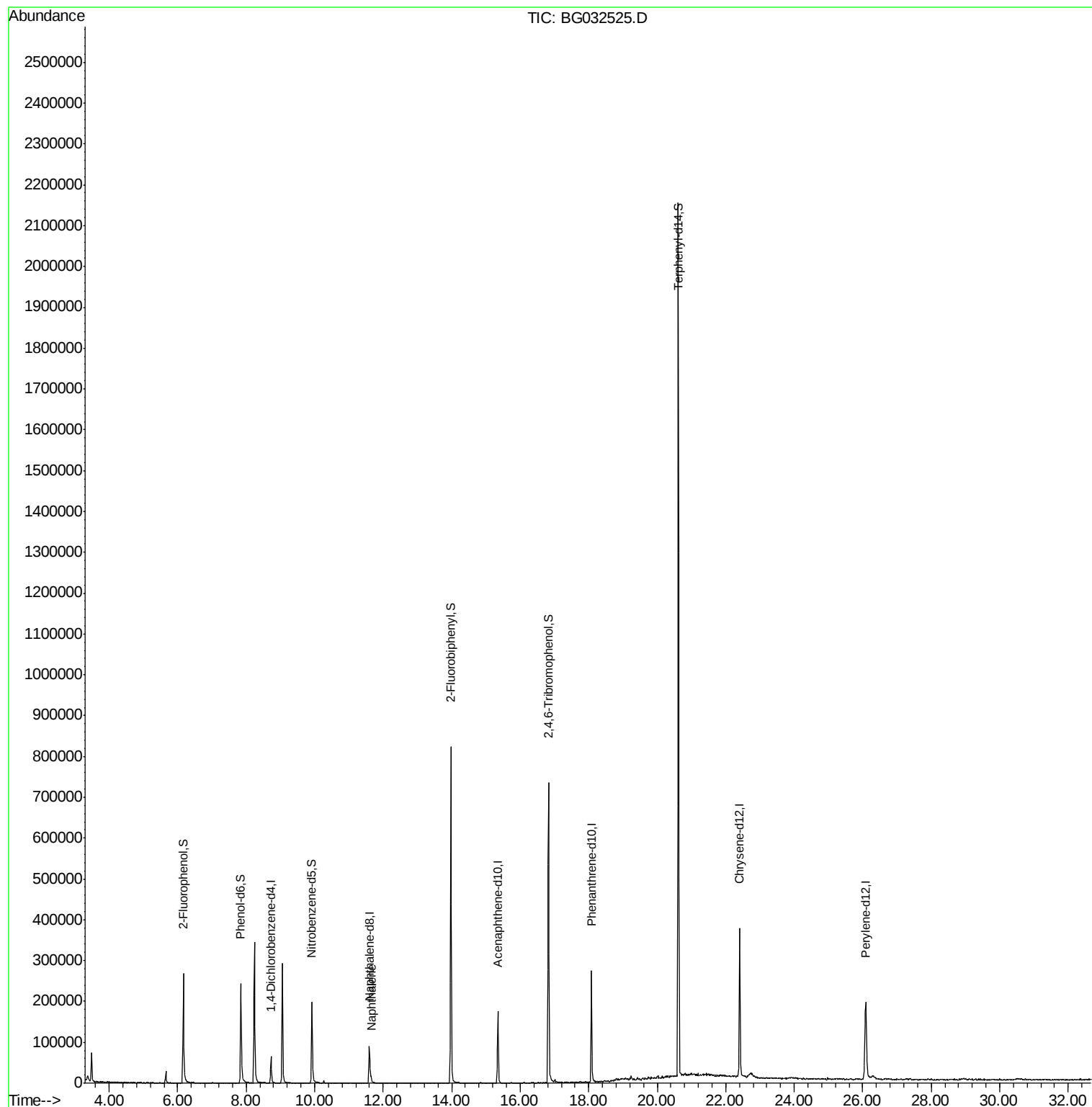
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	24650	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	98835	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	72424	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	204950	20.00	ng	0.00
75) Chrysene-d12	22.41	240	275494	20.00	ng	0.00
86) Perylene-d12	26.09	264	288109	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	146740	119.57	ng	0.00
7) Phenol-d6	7.84	99	169547	103.53	ng	0.01
23) Nitrobenzene-d5	9.92	82	133968	84.66	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	188353	136.63	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	517239	84.89	ng	0.00
78) Terphenyl-d14	20.62	244	1183795	92.05	ng	0.00
Target Compounds						
31) Naphthalene	11.65	128	16944	3.510	ng	Qvalue # 94

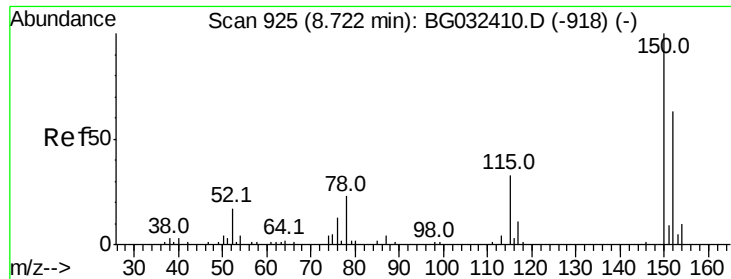
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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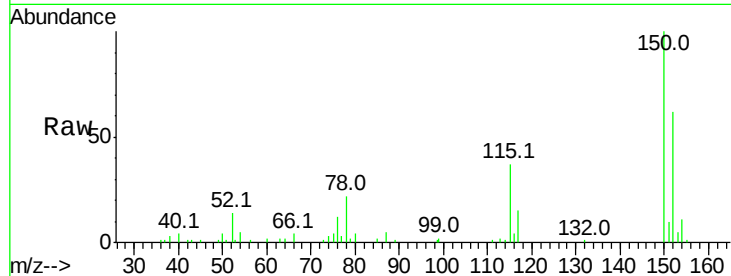


#1

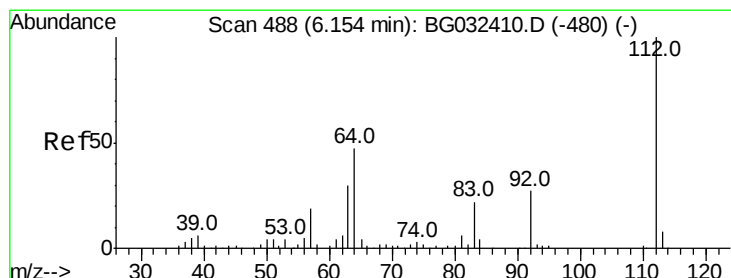
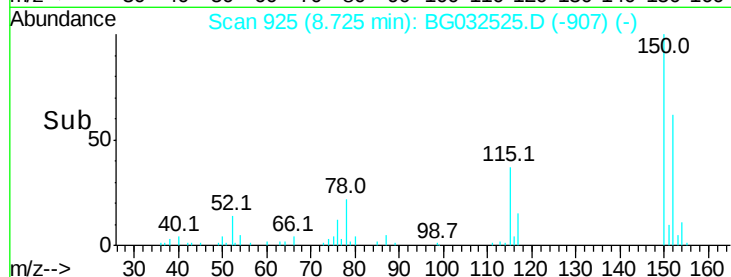
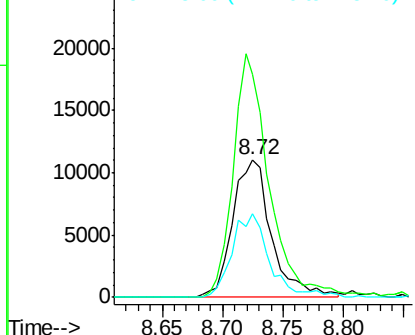
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032525.D
Acq: 3 Feb 2018 00:03

Instrument :
BNA_G
ClientSampleId :
132-1-PH-3

Tot Ion:152 Resp: 24650
Ion Ratio Lower Upper
152 100
150 162.2 126.6 189.8
115 60.6 53.0 79.4



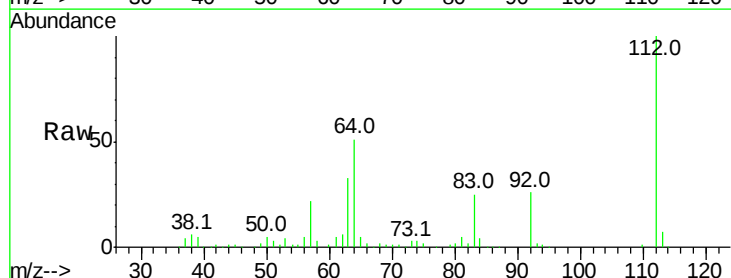
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



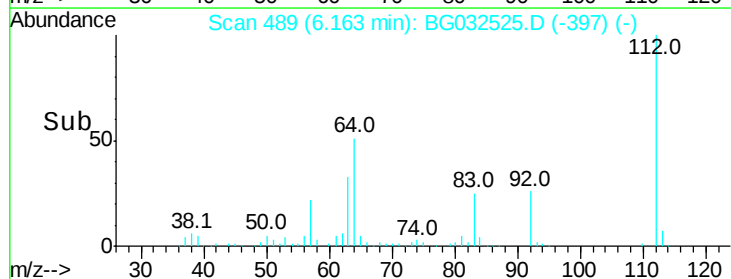
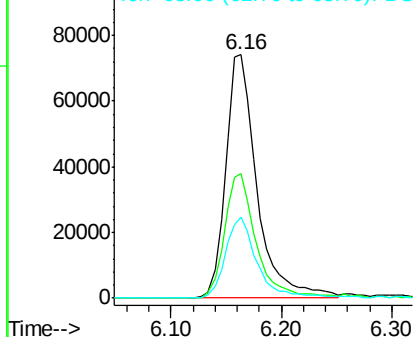
#5

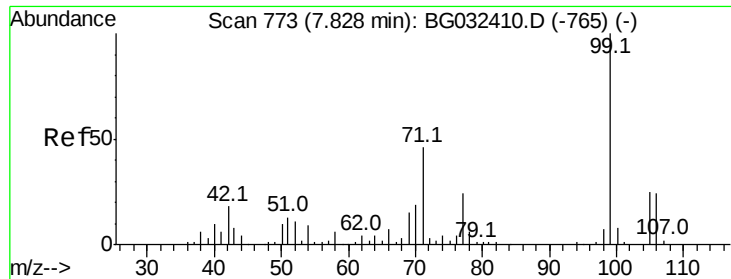
2-Fluorophenol
Concen: 119.568 ng
RT: 6.16 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG032525.D
Acq: 3 Feb 2018 00:03

Tgt Ion:112 Resp: 146740
Ion Ratio Lower Upper
112 100
64 51.2 56.3 84.5#
63 33.1 30.1 45.1



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: 103.530 ng

RT: 7.84 min Scan# 775

Delta R.T. 0.01 min

Lab File: BG032525.D

Acq: 3 Feb 2018 00:03

Instrument :

BNA_G

ClientSampleId :

132-1-PH-3

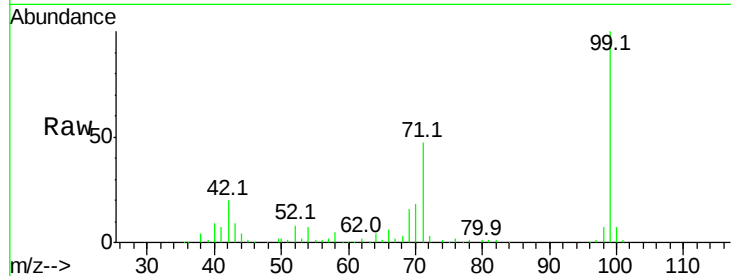
Tot Ion: 99 Resp: 169547

Ion Ratio Lower Upper

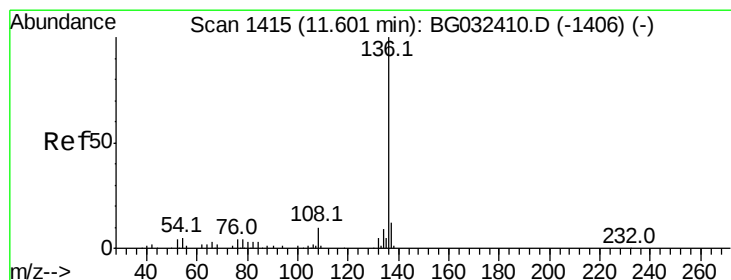
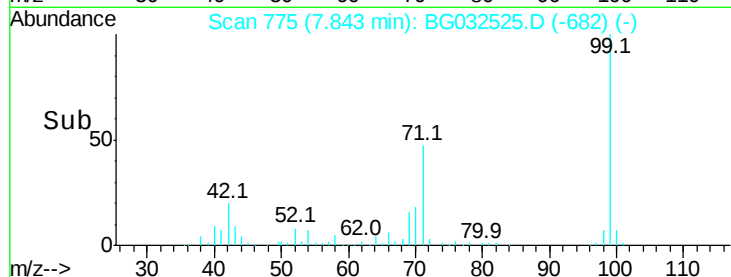
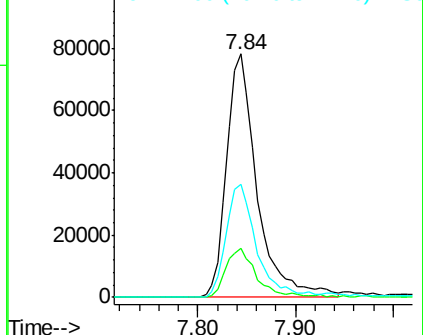
99 100

42 20.0 14.1 21.1

71 46.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.60 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BG032525.D

Acq: 3 Feb 2018 00:03

Tgt Ion:136 Resp: 98835

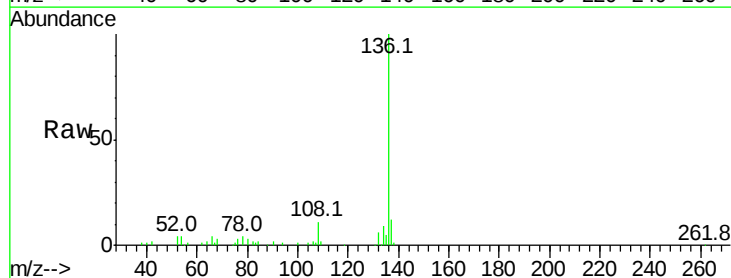
Ion Ratio Lower Upper

136 100

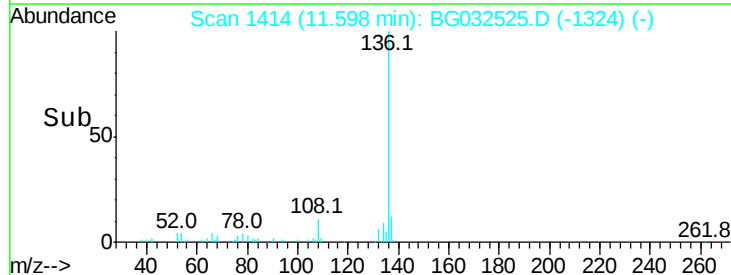
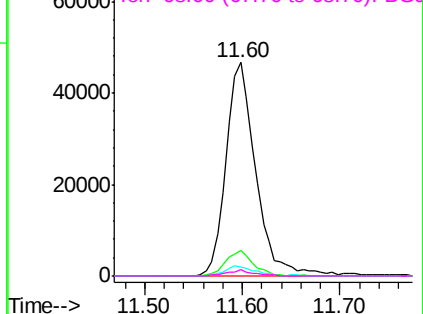
137 11.8 9.2 13.8

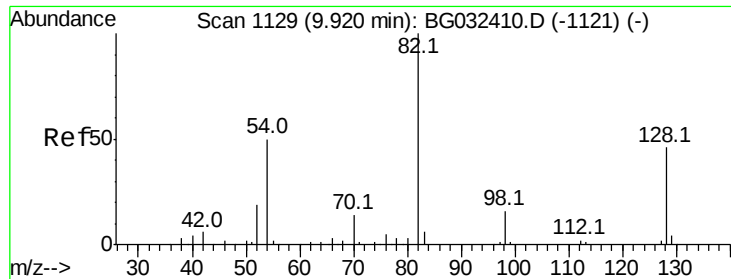
54 4.4 10.3 15.5#

68 2.8 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

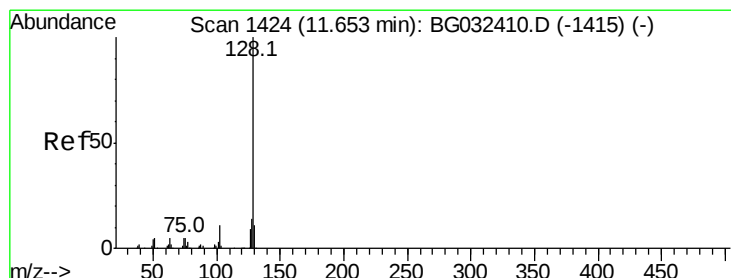
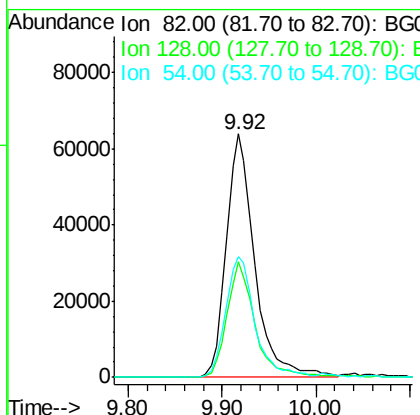
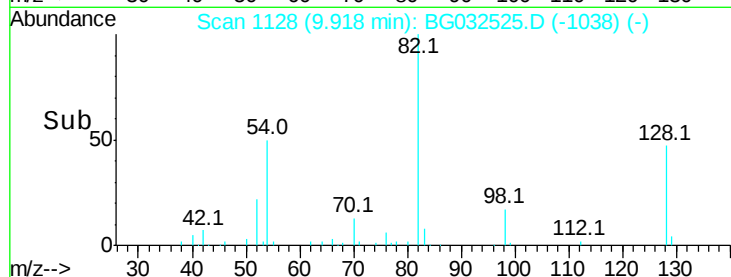
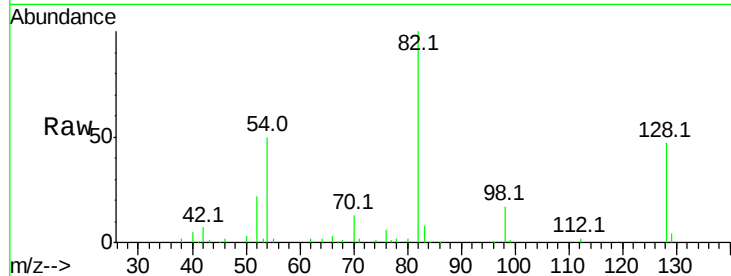




#23
 Nitrobenzene-d5
 Concen: 84.663 ng
 RT: 9.92 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: BG032525.D
 Acq: 3 Feb 2018 00:03

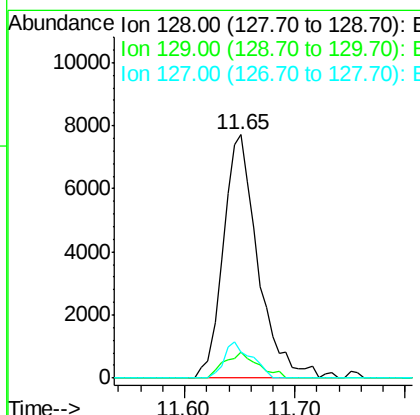
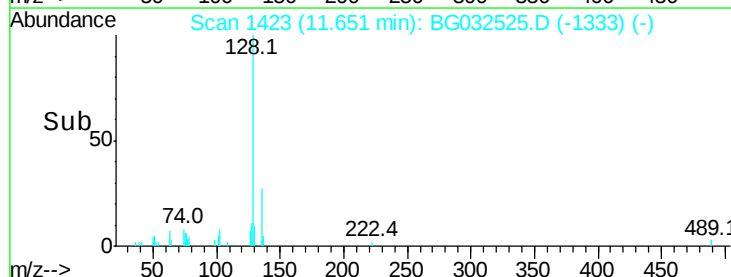
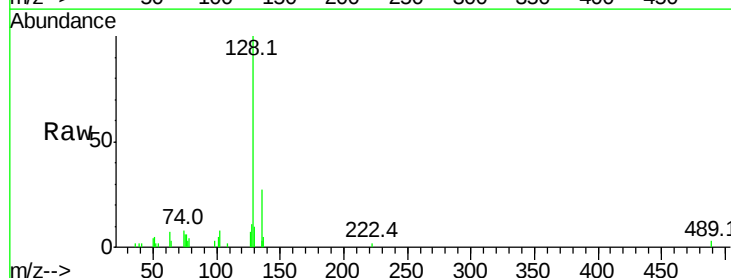
Instrument :
 BNA_G
 ClientSampled :
 132-1-PH-3

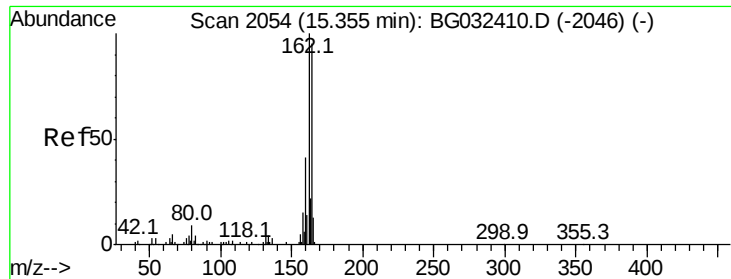
Tot Ion: 82 Resp: 133968
 Ion Ratio Lower Upper
 82 100
 128 47.4 29.7 44.5#
 54 49.7 43.1 64.7



#31
 Naphthalene
 Concen: 3.510 ng
 RT: 11.65 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BG032525.D
 Acq: 3 Feb 2018 00:03

Tgt Ion: 128 Resp: 16944
 Ion Ratio Lower Upper
 128 100
 129 10.4 8.6 12.8
 127 10.5 11.6 17.4#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.35 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG032525.D

Acq: 3 Feb 2018 00:03

Instrument :

BNA_G

ClientSampleId :

132-1-PH-3

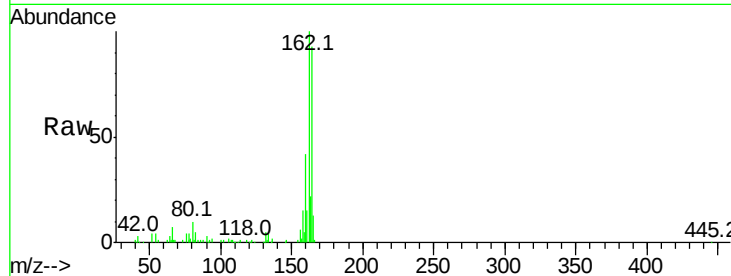
Tot Ion:164 Resp: 72424

Ion Ratio Lower Upper

164 100

162 107.4 78.8 118.2

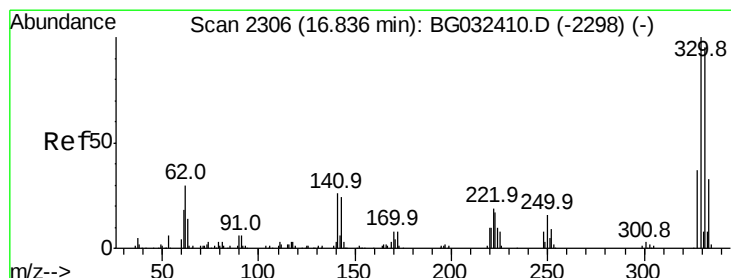
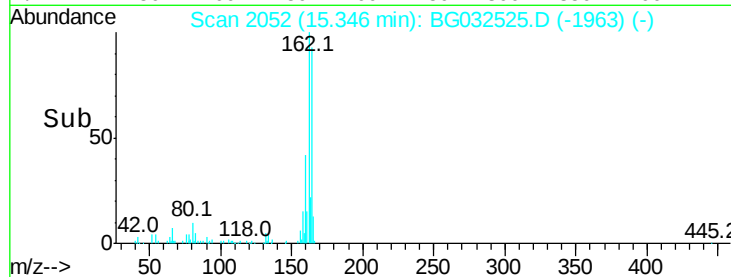
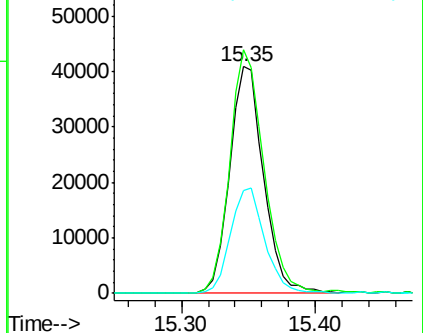
160 45.2 35.4 53.0



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: 136.627 ng

RT: 16.83 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG032525.D

Acq: 3 Feb 2018 00:03

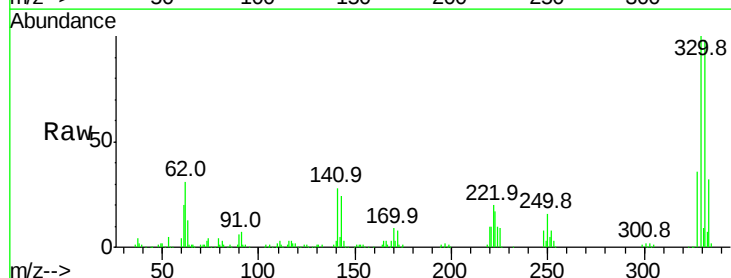
Tgt Ion:330 Resp: 188353

Ion Ratio Lower Upper

330 100

332 98.0 77.0 115.6

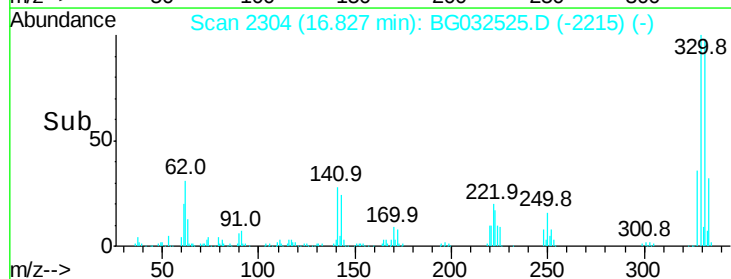
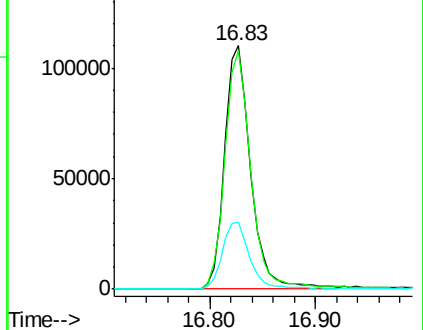
141 29.0 25.2 37.8

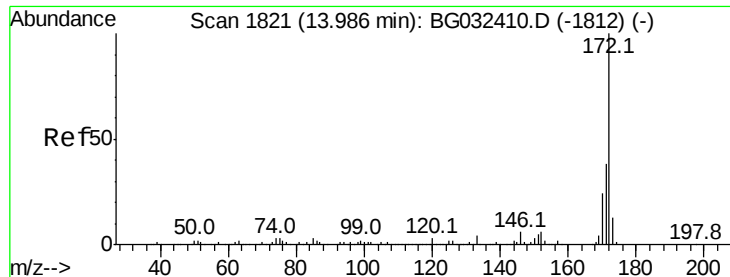


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

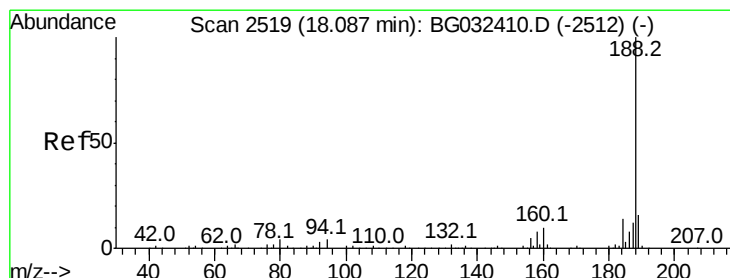
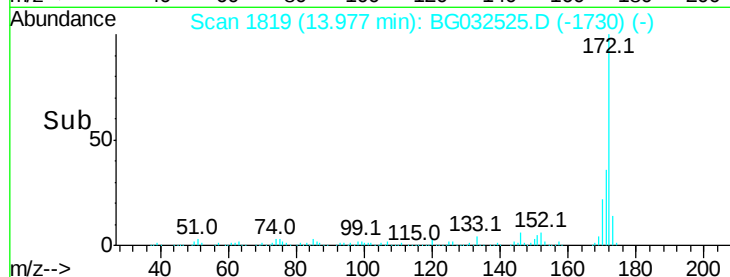
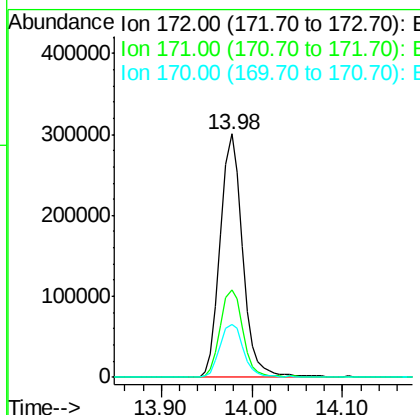
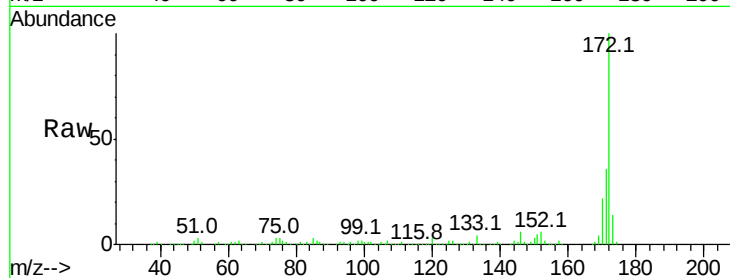




#44
 2-Fluorobiphenyl
 Concen: 84.885 ng
 RT: 13.98 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032525.D
 Acq: 3 Feb 2018 00:03

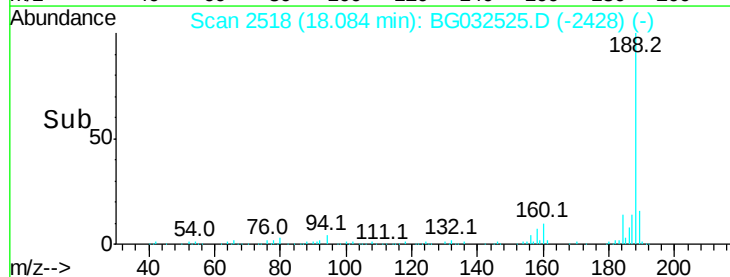
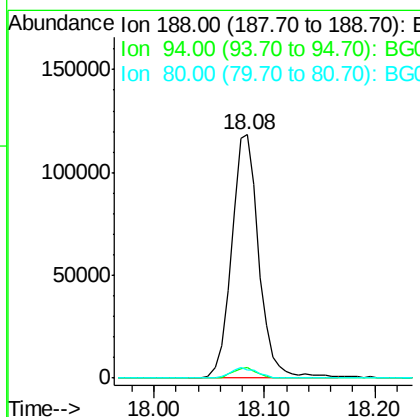
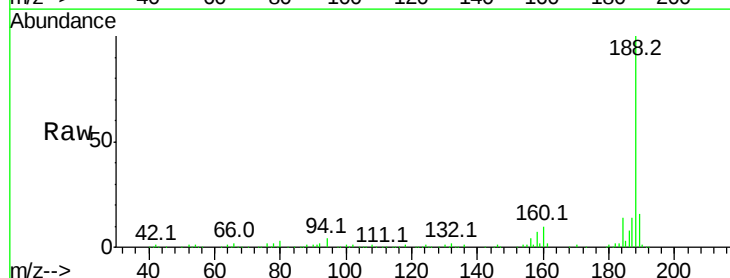
Instrument :
 BNA_G
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 132-1-PH-3

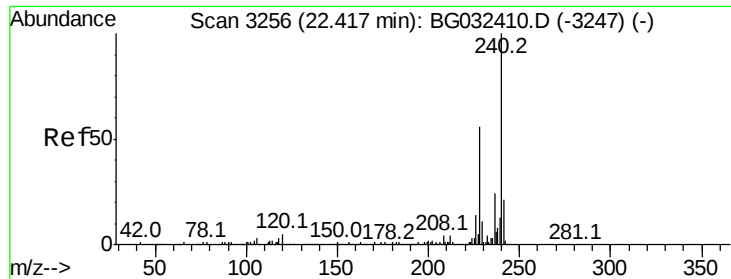
Tot Ion:172 Resp: 517239
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.0 45.0
 170 21.9 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2518
 Delta R.T. -0.00 min
 Lab File: BG032525.D
 Acq: 3 Feb 2018 00:03

Tgt Ion:188 Resp: 204950
 Ion Ratio Lower Upper
 188 100
 94 4.4 6.9 10.3#
 80 3.2 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032525.D

Acq: 3 Feb 2018 00:03

Instrument :

BNA_G

ClientSampleId :

132-1-PH-3

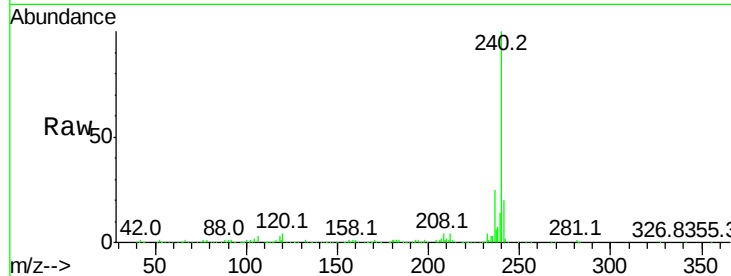
Tot Ion:240 Resp: 275494

Ion Ratio Lower Upper

240 100

120 3.8 6.8 10.2#

236 25.0 20.9 31.3

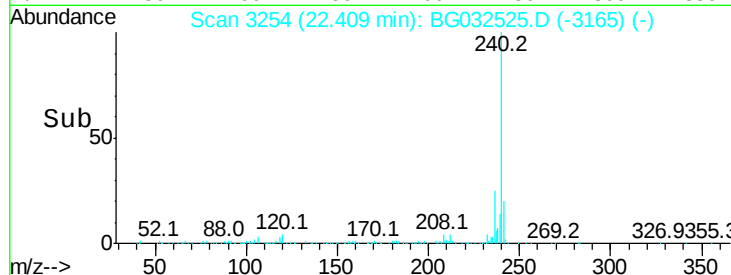


Abundance Ion 240.00 (239.70 to 240.70): E

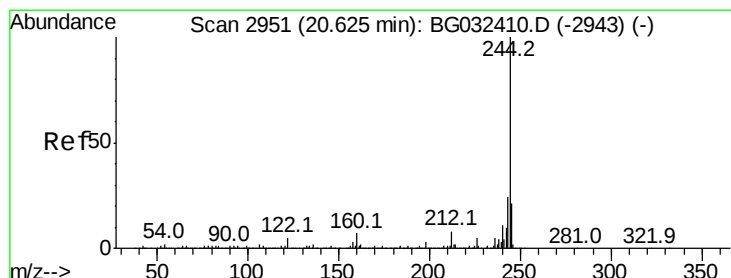
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

22.41



Time--> 22.30 22.40 22.50



#78

Terphenyl-d14

Concen: 92.045 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032525.D

Acq: 3 Feb 2018 00:03

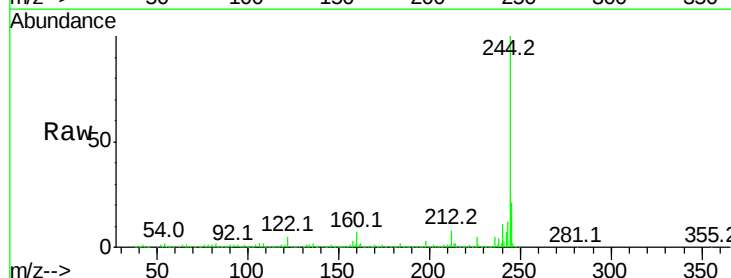
Tgt Ion:244 Resp: 1183795

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

122 5.5 7.0 10.4#

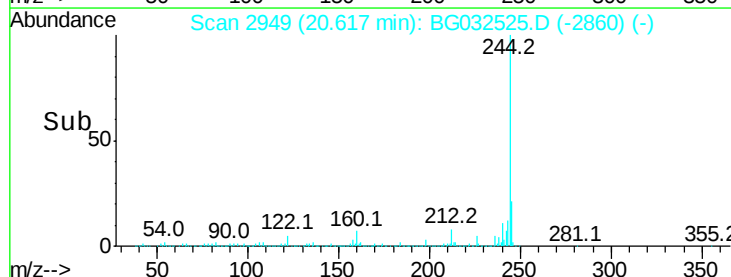


Abundance Ion 244.00 (243.70 to 244.70): E

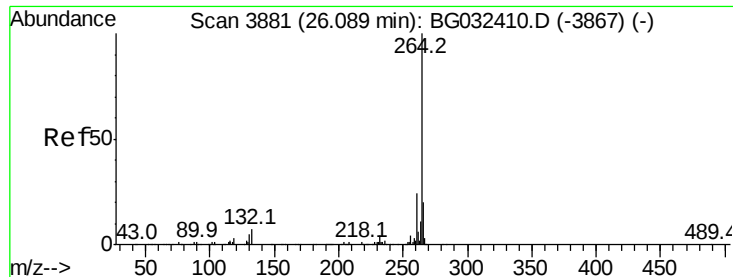
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.62



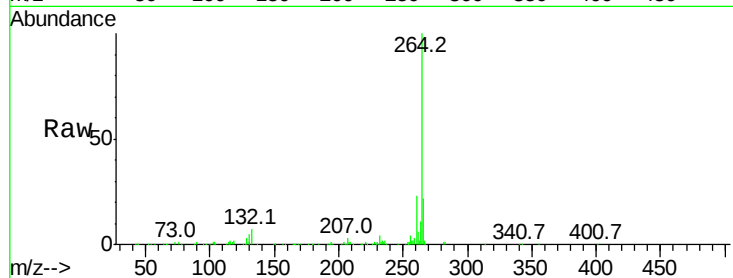
Time--> 20.50 20.60 20.70



#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.09 min Scan# 3880
 Delta R.T. -0.00 min
 Lab File: BG032525.D
 Acq: 3 Feb 2018 00:03

Instrument :
 BNA_G
 ClientSampleId :
 132-1-PH-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	21.7	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

