

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102816\
 Data File : BG024549.D
 Acq On : 28 Oct 2016 21:33
 Operator : UM/SJ
 Sample : H5439-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3COMP(0-16FEET)

Quant Time: Oct 28 23:46:47 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	106882	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	419505	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	306331	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	717022	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1038137	20.00	ng	0.00
86) Perylene-d12	25.36	264	982861	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	851917	130.64	ng	0.00
7) Phenol-d6	7.41	99	1116970	124.87	ng	0.00
23) Nitrobenzene-d5	9.44	82	925519	100.45	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	687904	150.31	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1802638	97.81	ng	0.00
78) Terphenyl-d14	20.21	244	3270290	94.13	ng	0.00

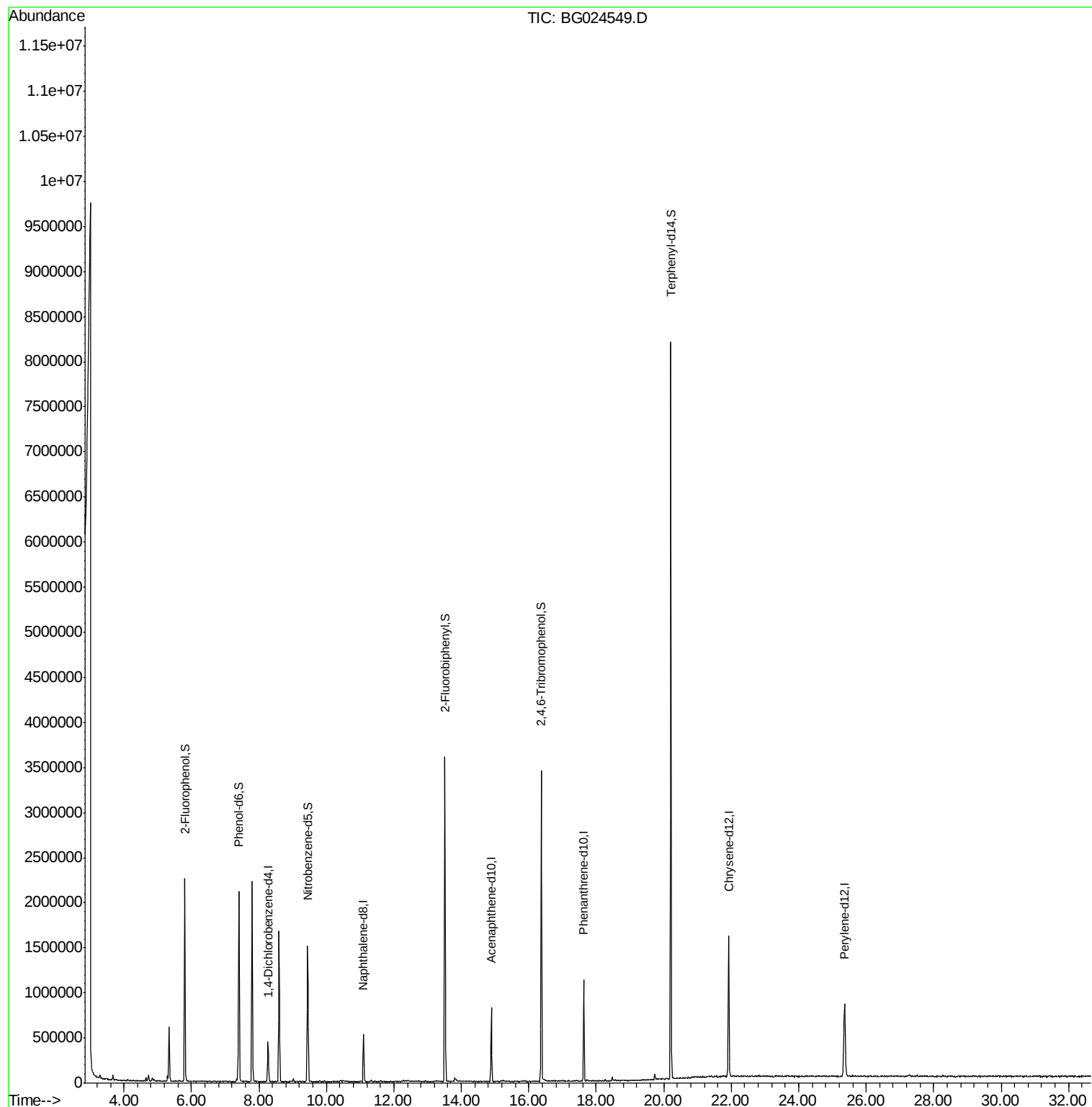
Target Compounds	Qvalue
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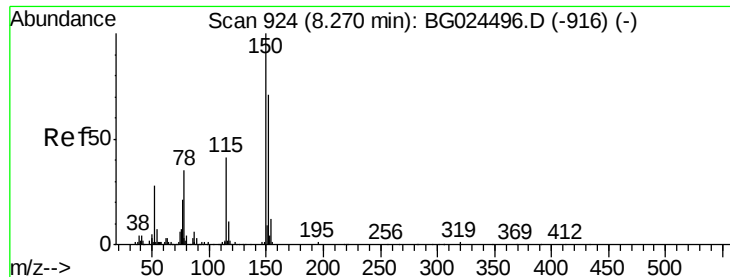
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024549.D

Acq: 28 Oct 2016 21:33

Instrument :

BNA_G

ClientSampleId :

SB-3COMP(0-16FEET)

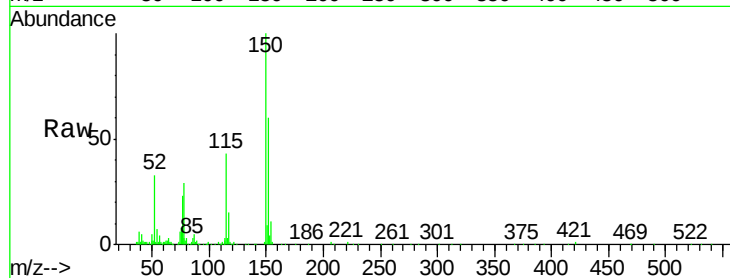
Tgt Ion:152 Resp: 106882

Ion Ratio Lower Upper

152 100

150 167.2 114.0 171.0

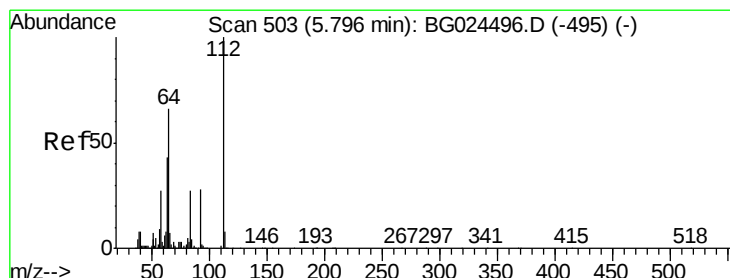
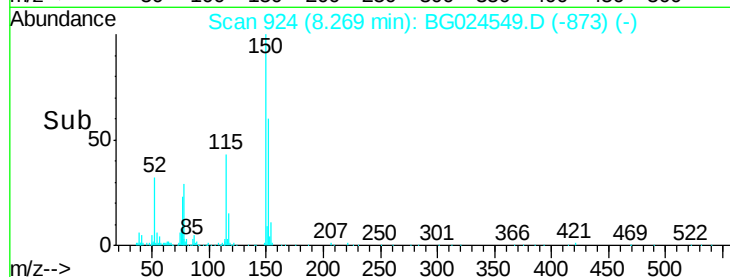
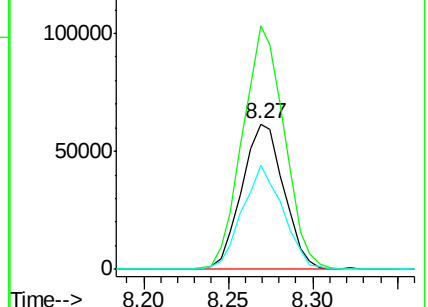
115 71.5 48.1 72.1



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: 130.64 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.01 min

Lab File: BG024549.D

Acq: 28 Oct 2016 21:33

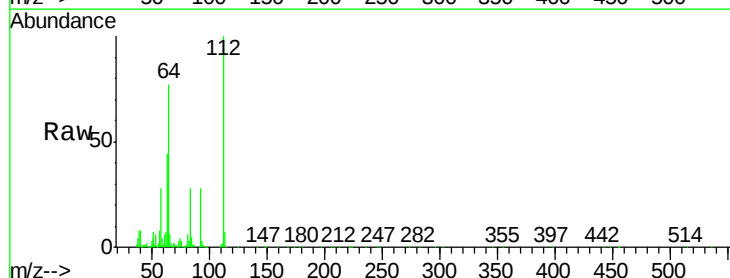
Tgt Ion:112 Resp: 851917

Ion Ratio Lower Upper

112 100

64 76.7 61.8 92.6

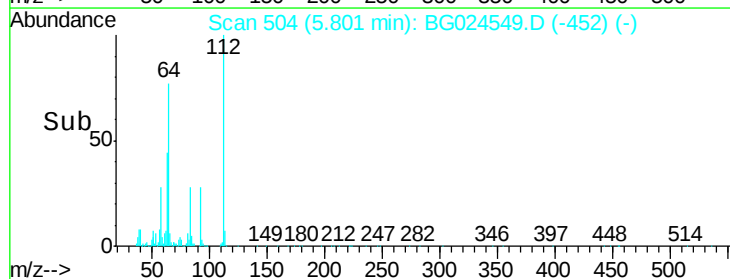
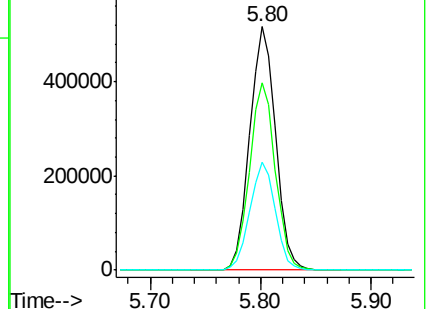
63 44.1 37.2 55.8



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: 124.87 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG024549.D

Acq: 28 Oct 2016 21:33

Instrument :

BNA_G

ClientSampleId :

SB-3COMP(0-16FEET)

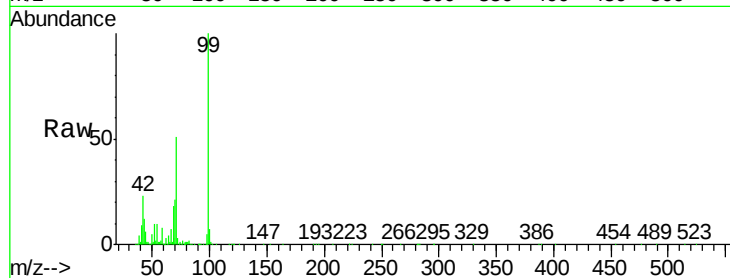
Tgt Ion: 99 Resp: 1116970

Ion Ratio Lower Upper

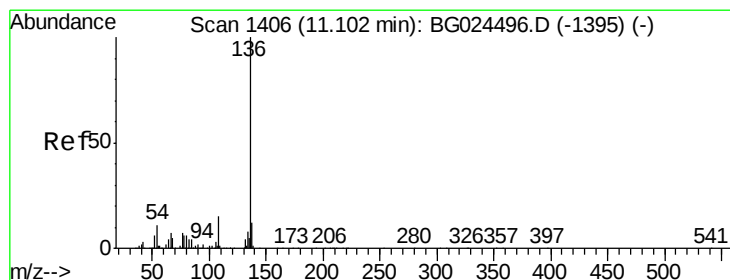
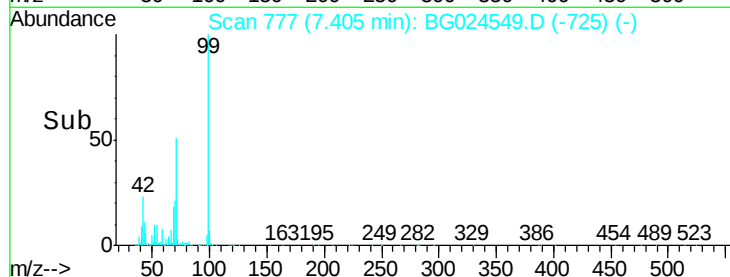
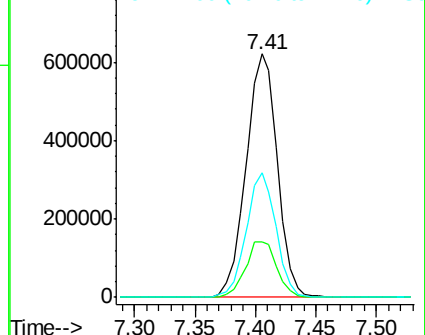
99 100

42 23.0 20.5 30.7

71 51.0 37.6 56.4



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: 20.00 ng

RT: 11.10 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024549.D

Acq: 28 Oct 2016 21:33

Tgt Ion: 136 Resp: 419505

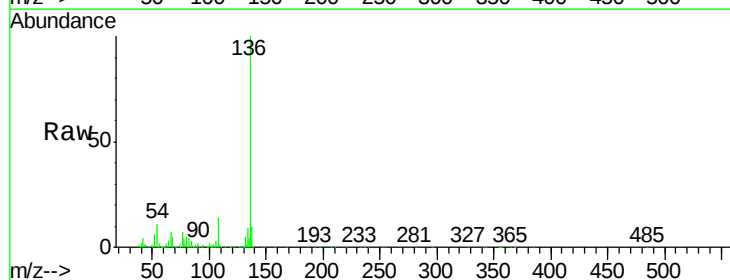
Ion Ratio Lower Upper

136 100

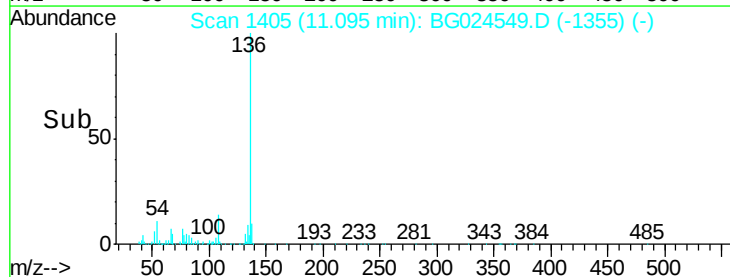
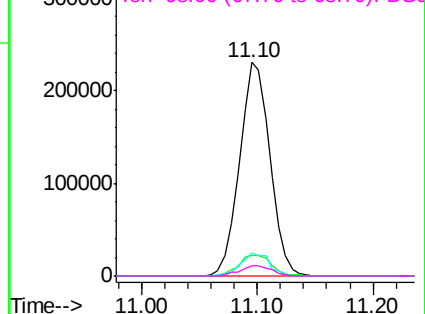
137 9.6 8.9 13.3

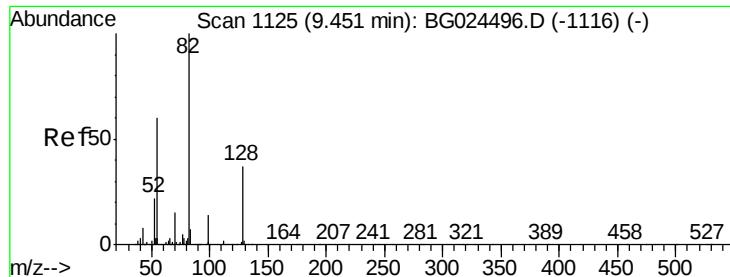
54 11.0 9.3 13.9

68 4.9 5.1 7.7#



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

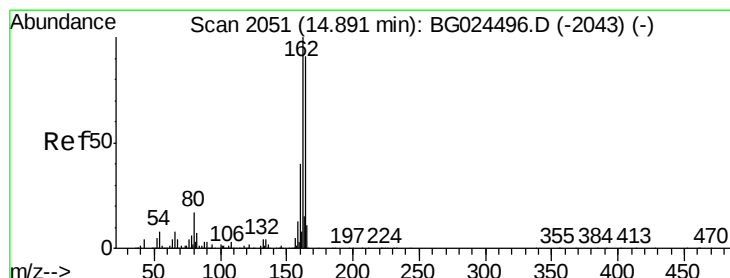
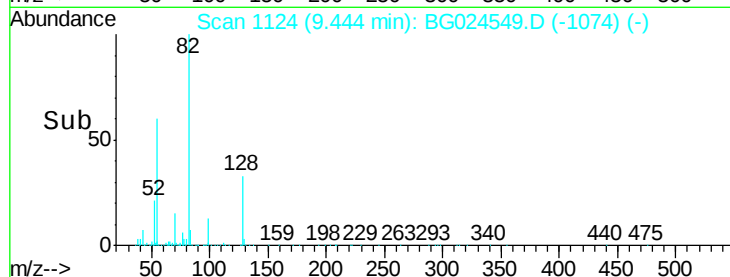
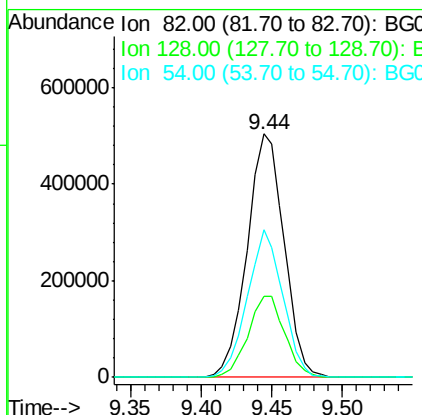
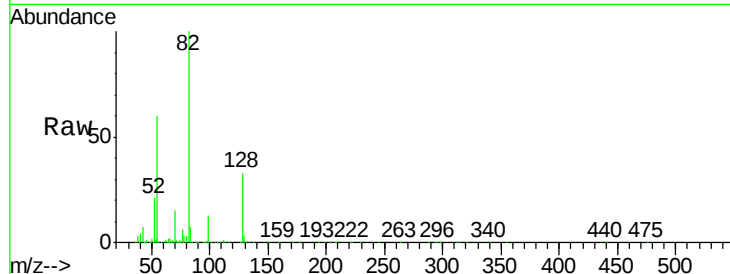




#23
 Nitrobenzene-d5
 Concen: 100.45 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024549.D
 Acq: 28 Oct 2016 21:33

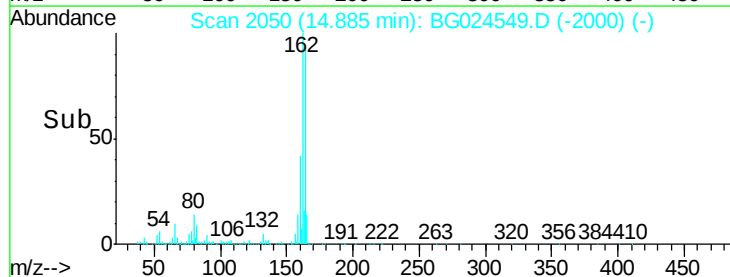
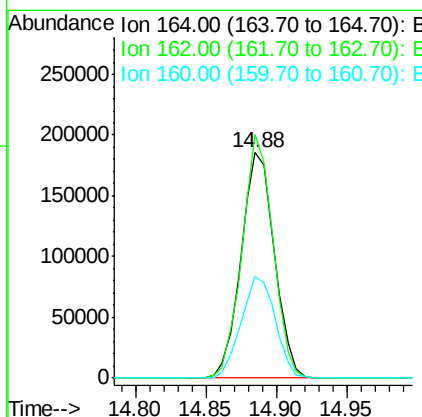
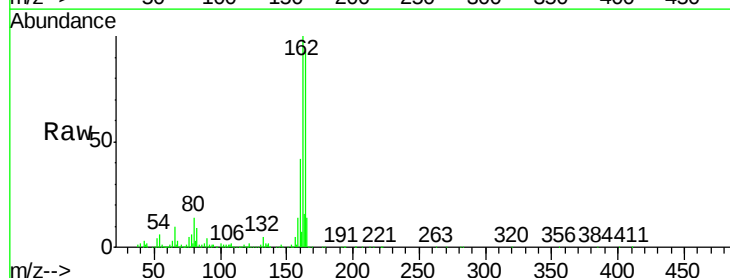
Instrument :
 BNA_G
 ClientSampleId :
 SB-3COMP(0-16FEET)

Tgt Ion: 82 Resp: 925519
 Ion Ratio Lower Upper
 82 100
 128 33.4 26.4 39.6
 54 60.4 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG024549.D
 Acq: 28 Oct 2016 21:33

Tgt Ion: 164 Resp: 306331
 Ion Ratio Lower Upper
 164 100
 162 107.9 85.1 127.7
 160 45.2 34.7 52.1

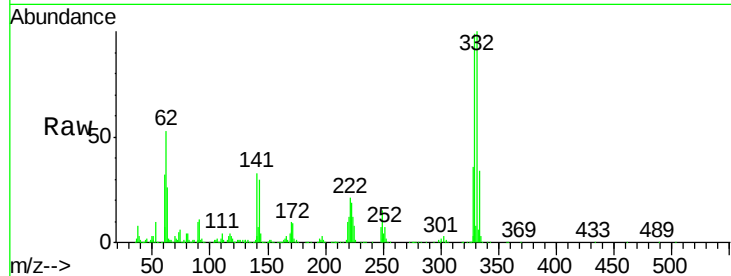




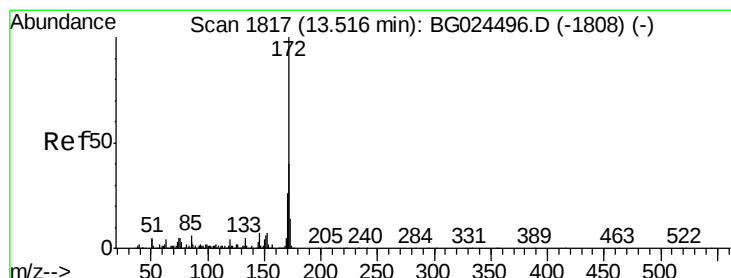
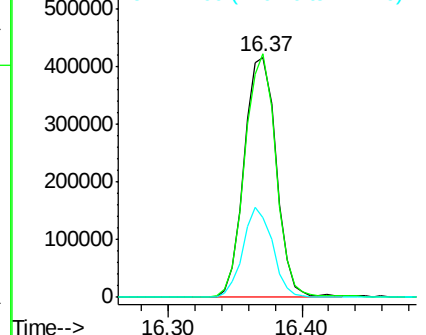
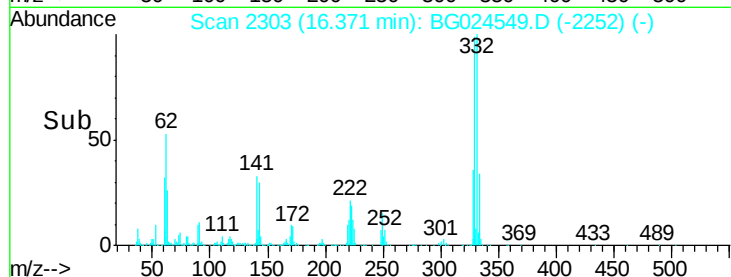
#41
 2,4,6-Tribromophenol
 Concen: 150.31 ng
 RT: 16.37 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG024549.D
 Acq: 28 Oct 2016 21:33

Instrument :
 BNA_G
 ClientSampleId :
 SB-3COMP(0-16FEET)

Tgt Ion:330 Resp: 687904
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.3 115.9
 141 35.0 32.1 48.1

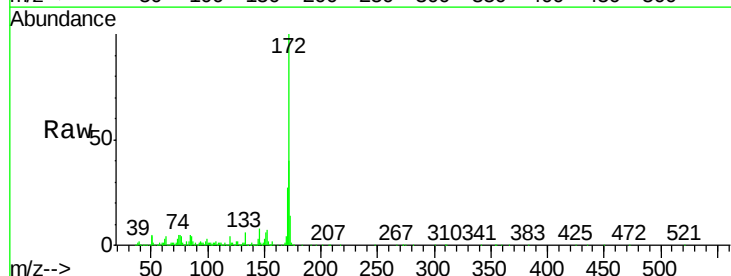


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

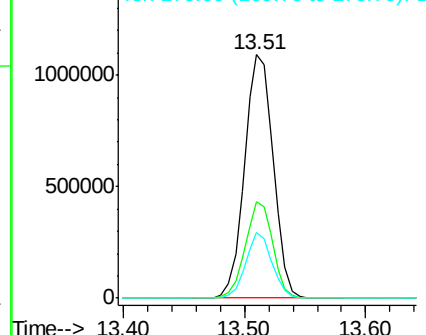
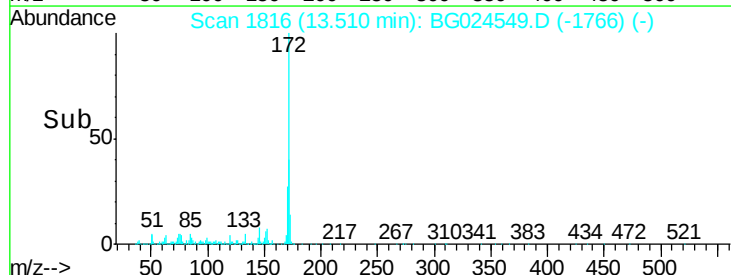


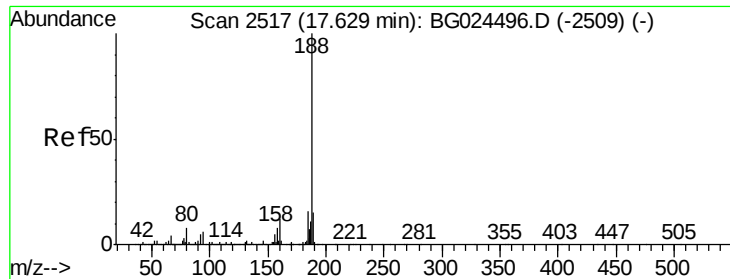
#44
 2-Fluorobiphenyl
 Concen: 97.81 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024549.D
 Acq: 28 Oct 2016 21:33

Tgt Ion:172 Resp: 1802638
 Ion Ratio Lower Upper
 172 100
 171 39.5 32.2 48.2
 170 26.8 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024549.D

Acq: 28 Oct 2016 21:33

Instrument :

BNA_G

ClientSampleId :

SB-3COMP(0-16FEET)

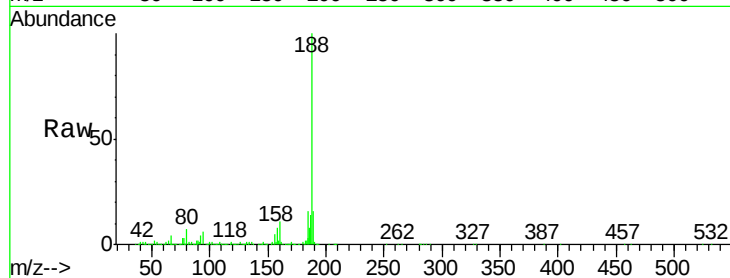
Tgt Ion:188 Resp: 717022

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

80 7.3 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

600000

500000

400000

300000

200000

100000

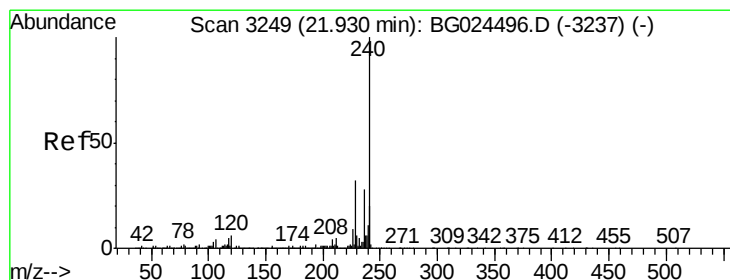
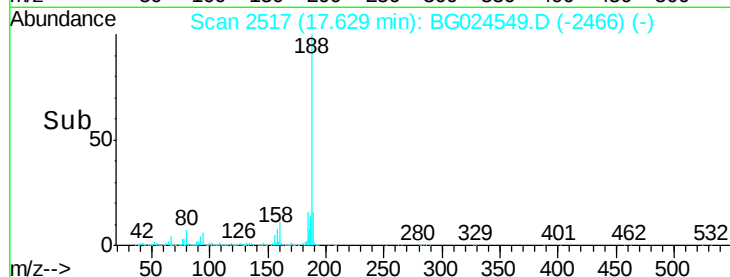
0

17.63

17.60

17.70

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BG024549.D

Acq: 28 Oct 2016 21:33

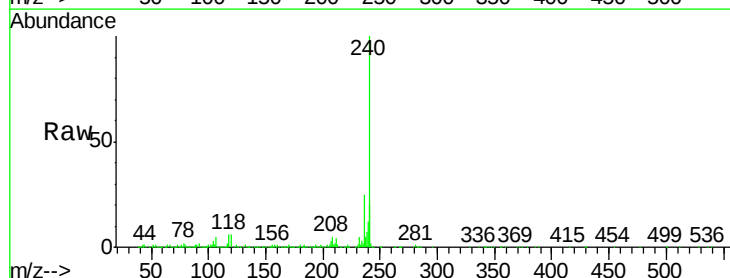
Tgt Ion:240 Resp: 1038137

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

236 24.7 22.2 33.4



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

800000

600000

400000

200000

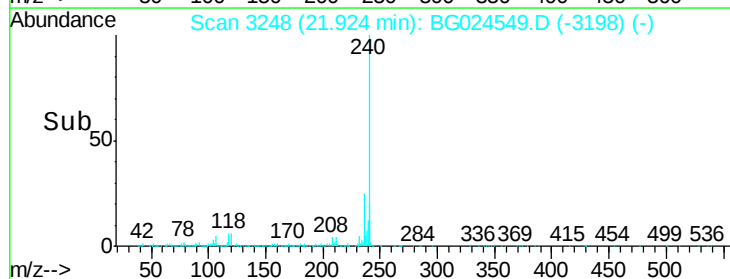
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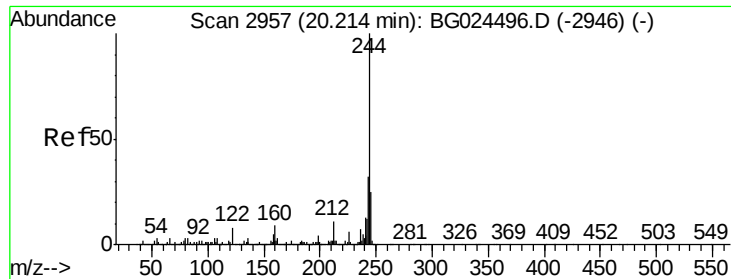
21.92

21.80

22.00

Time-->





#78

Terphenyl-d14

Concen: 94.13 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024549.D

Acq: 28 Oct 2016 21:33

Instrument :

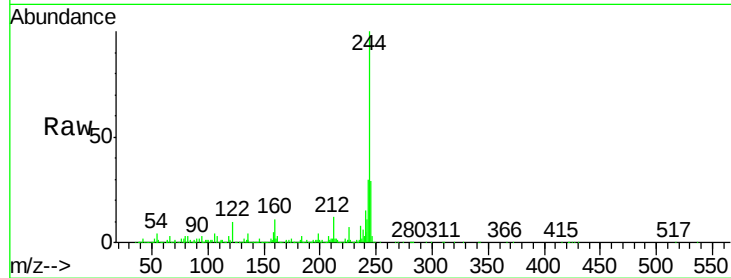
BNA_G

ClientSampleId :

SB-3COMP(0-16FEET)

Tgt Ion:244 Resp: 3270290

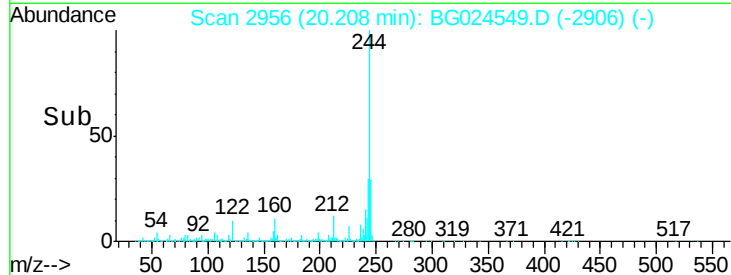
Ion	Ratio	Lower	Upper
244	100		
212	11.8	10.0	15.0
122	9.9	8.6	12.8



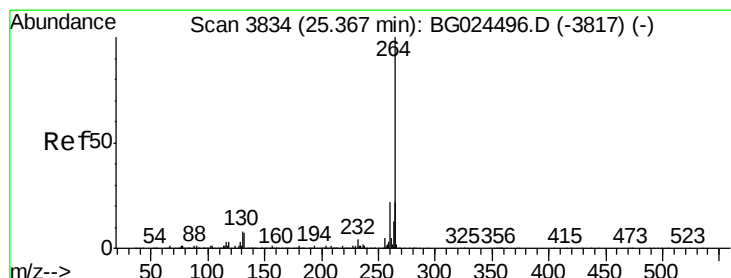
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.36 min Scan# 3833

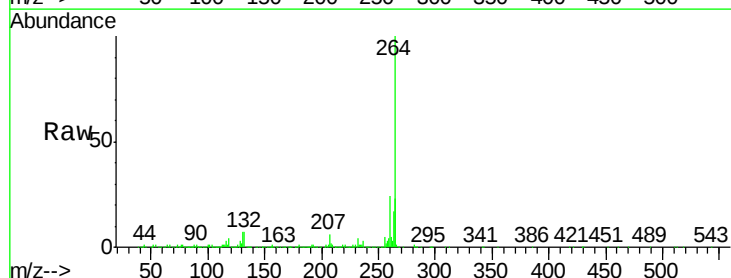
Delta R.T. -0.01 min

Lab File: BG024549.D

Acq: 28 Oct 2016 21:33

Tgt Ion:264 Resp: 982861

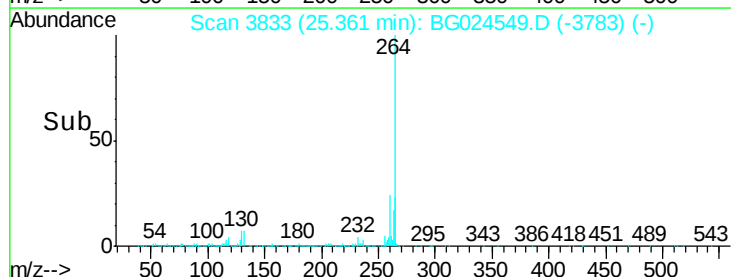
Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	23.1	18.2	27.4



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



Time-->