

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087327.D
 Acq On : 24 May 2016 6:44
 Operator : UM/SJ
 Sample : H3168-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

Quant Time: May 24 18:46:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

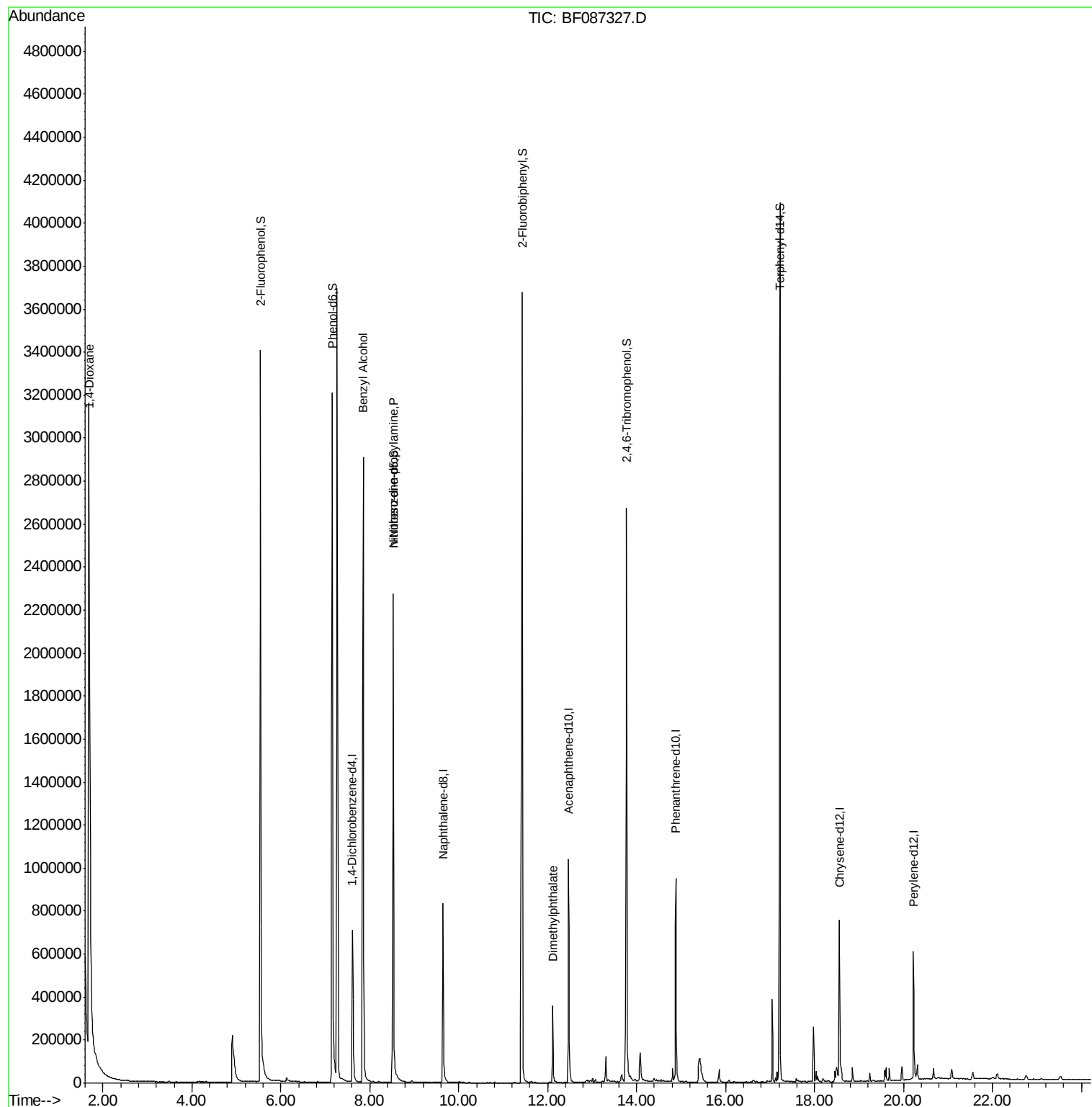
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	142314	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	603131	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	290192	20.00	ng	-0.01
63) Phenanthrene-d10	14.88	188	554496	20.00	ng	0.00
75) Chrysene-d12	18.56	240	443623	20.00	ng	0.00
86) Perylene-d12	20.22	264	319983	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1231914	152.10	ng	0.02
7) Phenol-d6	7.16	99	1699105	155.26	ng	0.00
23) Nitrobenzene-d5	8.52	82	1083374	90.53	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	401852	144.10	ng	-0.01
44) 2-Fluorobiphenyl	11.43	172	1919452	93.25	ng	0.00
78) Terphenyl-d14	17.22	244	1867515	89.50	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.69	88	147136	34.43	ng	# 22
15) Benzyl Alcohol	7.85	79	19227	2.41	ng	# 41
19) n-Nitroso-di-n-propylamine	8.52	70	145698	17.85	ng	# 73
49) Dimethylphthalate	12.11	163	189731	8.16	ng	100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF087327.D

Acq: 24 May 2016 6:44

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

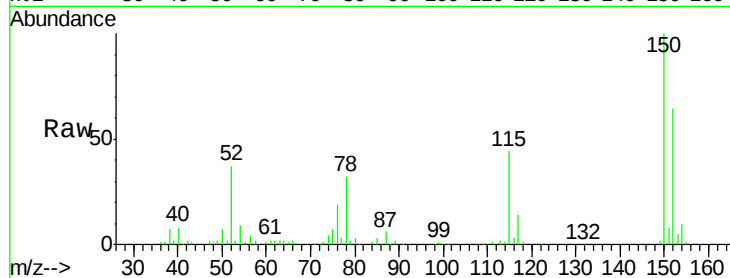
Tgt Ion: 152 Resp: 142314

Ion Ratio Lower Upper

152 100

150 157.4 125.8 188.6

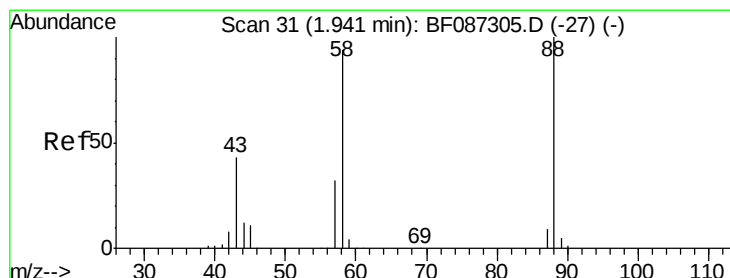
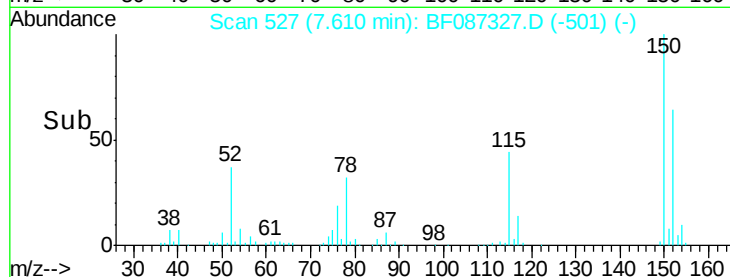
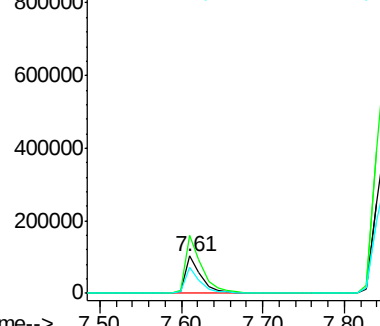
115 69.1 51.5 77.3



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



#2

1,4-Dioxane

Concen: 34.43 ng

RT: 1.69 min Scan# 9

Delta R.T. -0.25 min

Lab File: BF087327.D

Acq: 24 May 2016 6:44

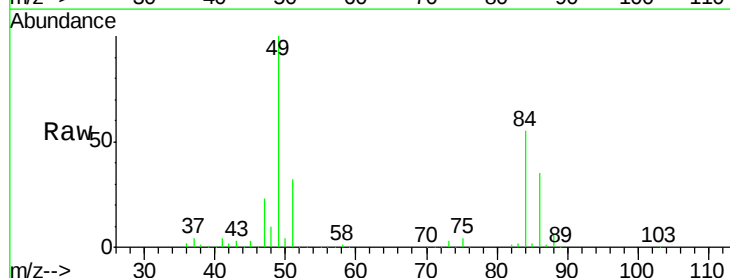
Tgt Ion: 88 Resp: 147136

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

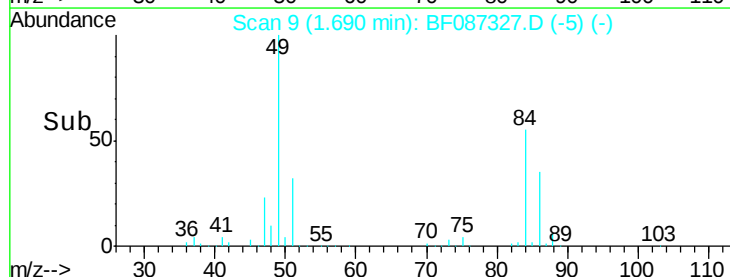
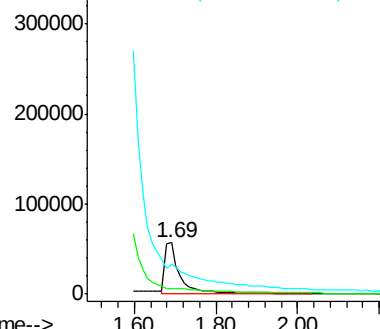
43 0.0 21.8 32.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 152.10 ng

RT: 5.54 min Scan# 346

Delta R.T. 0.02 min

Lab File: BF087327.D

Acq: 24 May 2016 6:44

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

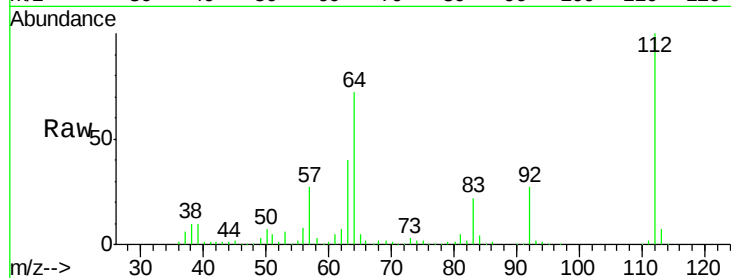
Tgt Ion: 112 Resp: 1231914

Ion Ratio Lower Upper

112 100

64 71.8 52.1 78.1

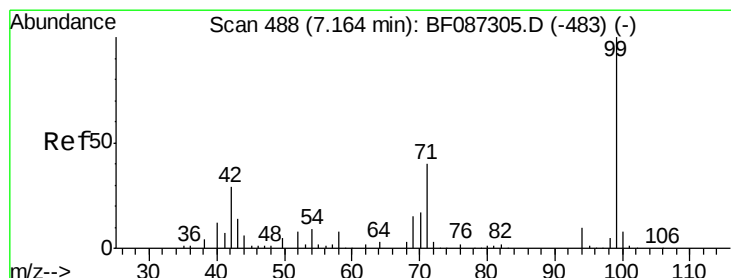
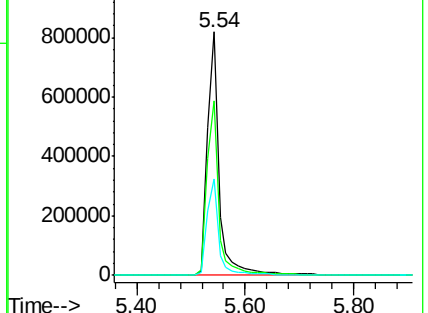
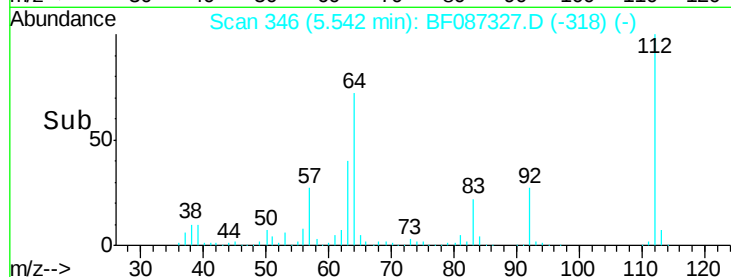
63 39.8 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 155.26 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF087327.D

Acq: 24 May 2016 6:44

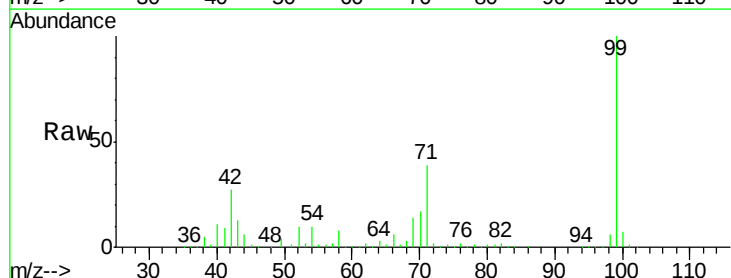
Tgt Ion: 99 Resp: 1699105

Ion Ratio Lower Upper

99 100

42 27.3 13.6 20.4#

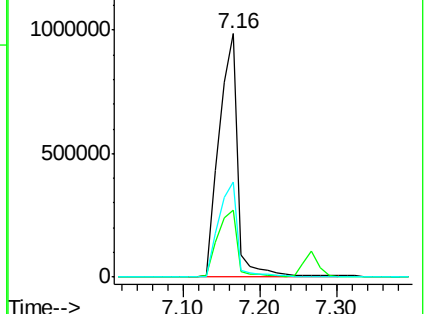
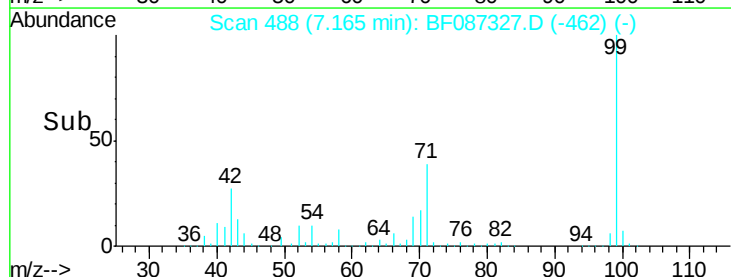
71 39.1 24.6 36.8#

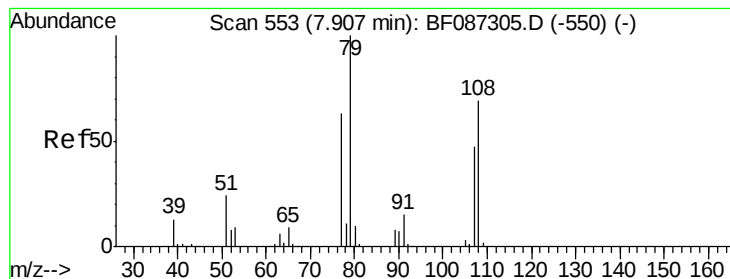


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.41 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.06 min

Lab File: BF087327.D

Acq: 24 May 2016 6:44

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

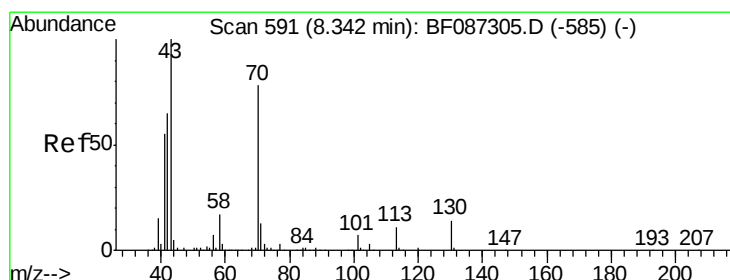
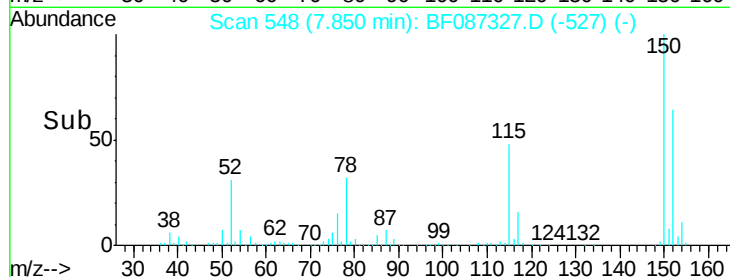
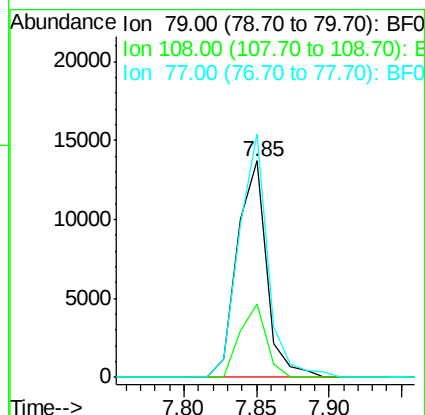
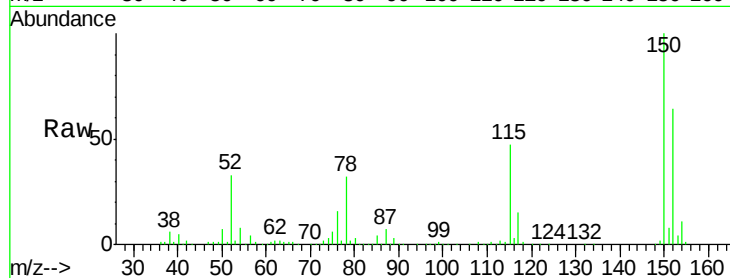
Tgt Ion: 79 Resp: 19227

Ion Ratio Lower Upper

79 100

108 33.8 68.4 102.6#

77 112.6 50.6 76.0#



#19

n-Nitroso-di-n-propylamine

Concen: 17.85 ng

RT: 8.52 min Scan# 607

Delta R.T. 0.18 min

Lab File: BF087327.D

Acq: 24 May 2016 6:44

Tgt Ion: 70 Resp: 145698

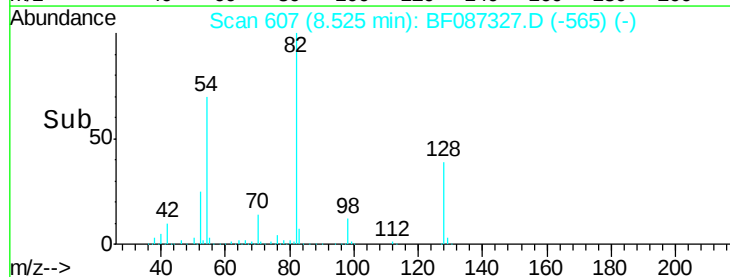
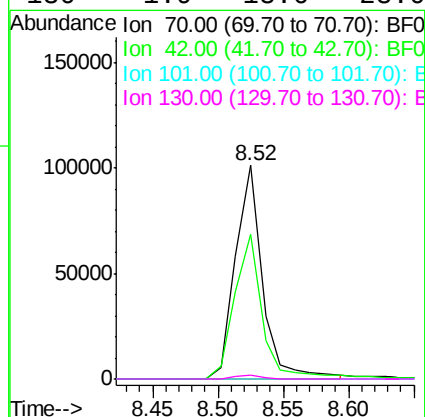
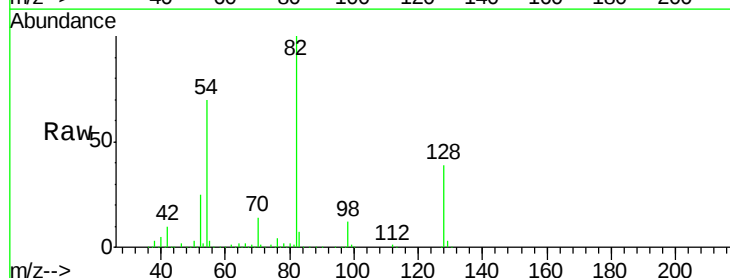
Ion Ratio Lower Upper

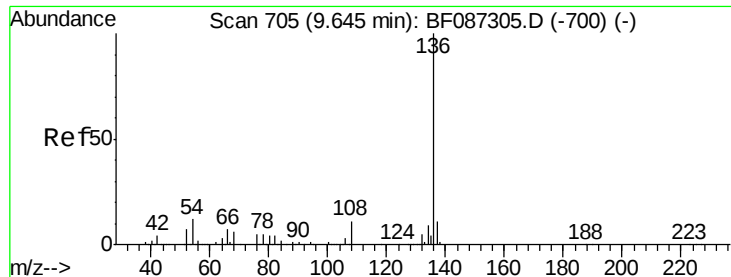
70 100

42 67.5 43.1 64.7#

101 0.0 8.1 12.1#

130 1.9 18.6 28.0#

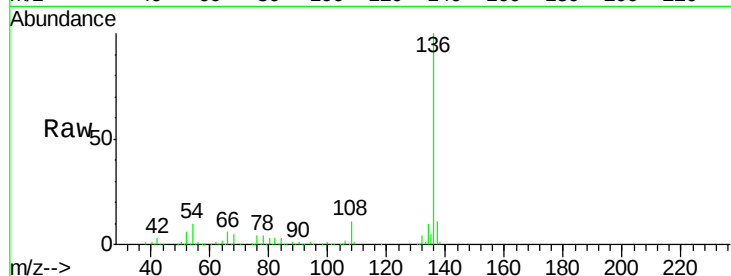




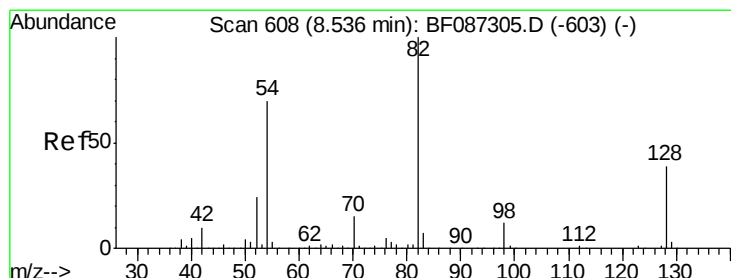
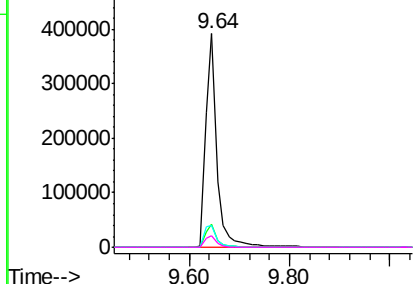
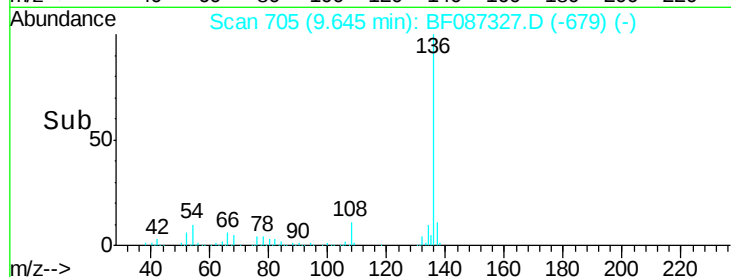
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF087327.D
Acq: 24 May 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-17-COMP

Tgt Ion:	136	Resp:	603131
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	10.3	5.0	7.4#
68	5.3	4.4	6.6

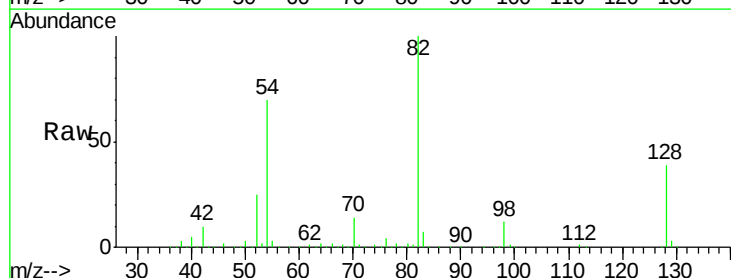


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

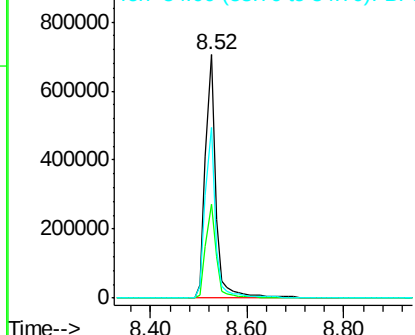
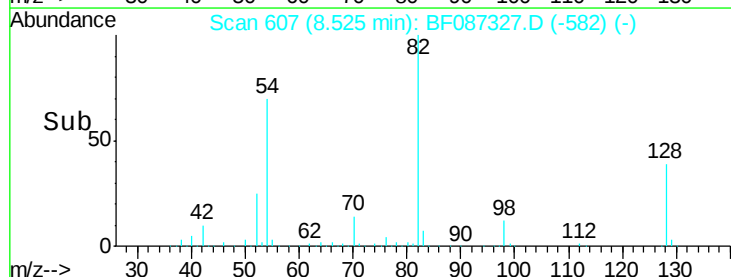


#23
Nitrobenzene-d5
Concen: 90.53 ng
RT: 8.52 min Scan# 607
Delta R.T. -0.01 min
Lab File: BF087327.D
Acq: 24 May 2016 6:44

Tgt Ion:	82	Resp:	1083374
Ion	Ratio	Lower	Upper
82	100		
128	38.7	40.6	61.0#
54	70.0	38.1	57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF087327.D

Acq: 24 May 2016 6:44

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

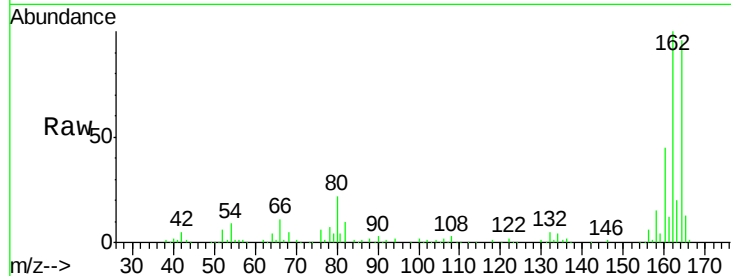
Tgt Ion:164 Resp: 290192

Ion Ratio Lower Upper

164 100

162 104.1 82.8 124.2

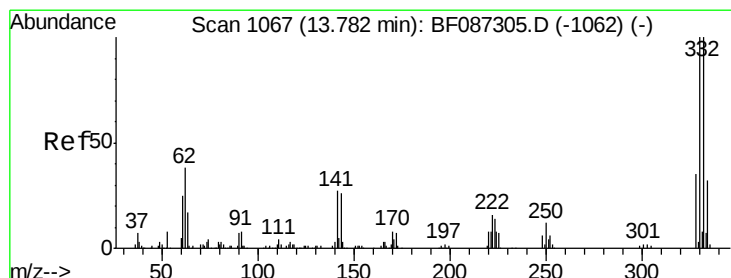
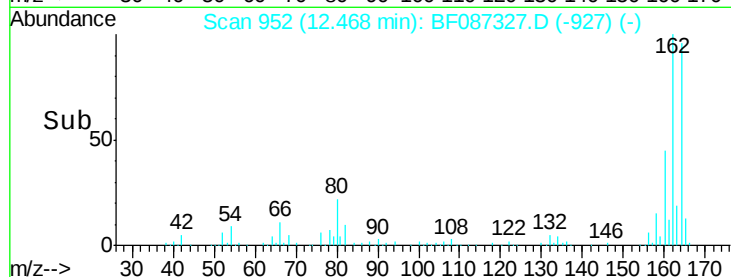
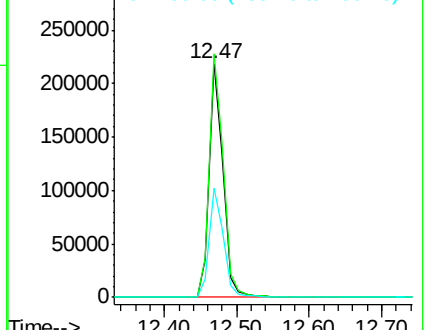
160 46.5 36.9 55.3



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: 144.10 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BF087327.D

Acq: 24 May 2016 6:44

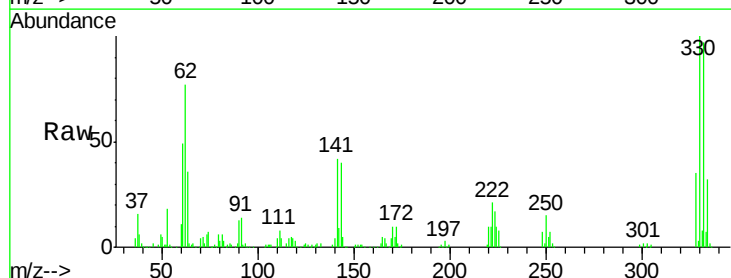
Tgt Ion:330 Resp: 401852

Ion Ratio Lower Upper

330 100

332 97.0 79.0 118.4

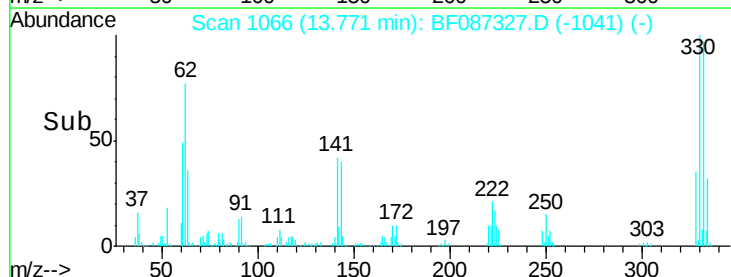
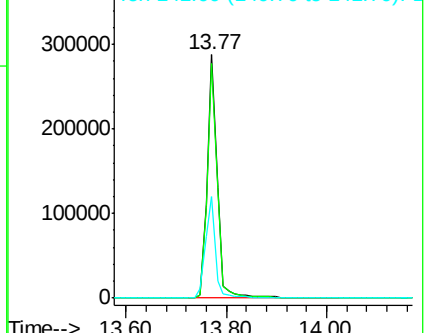
141 41.7 31.2 46.8

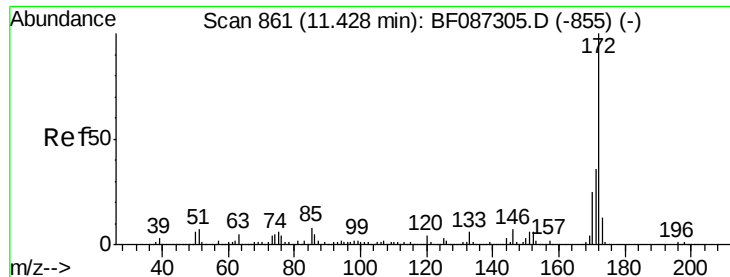


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

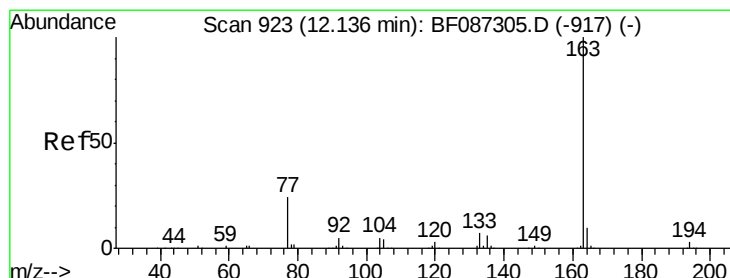
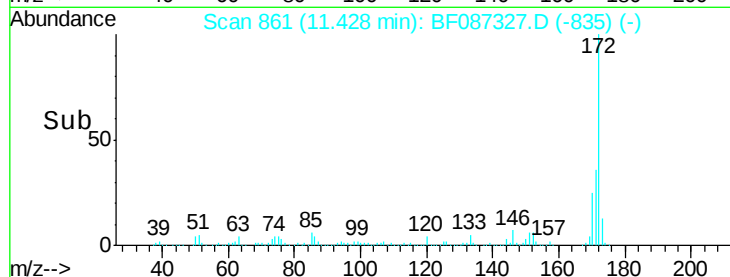
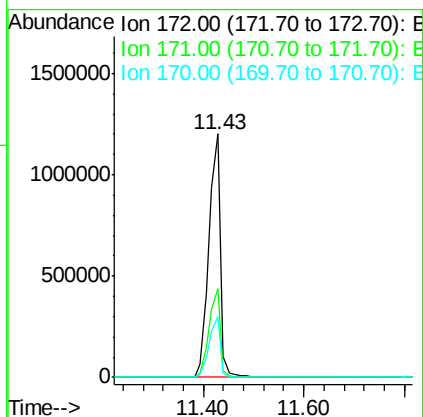
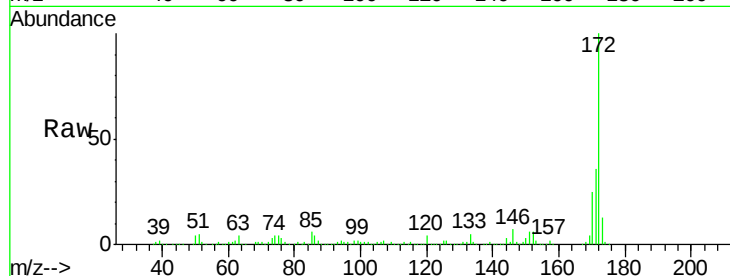




#44
 2-Fluorobiphenyl
 Concen: 93.25 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF087327.D
 Acq: 24 May 2016 6:44

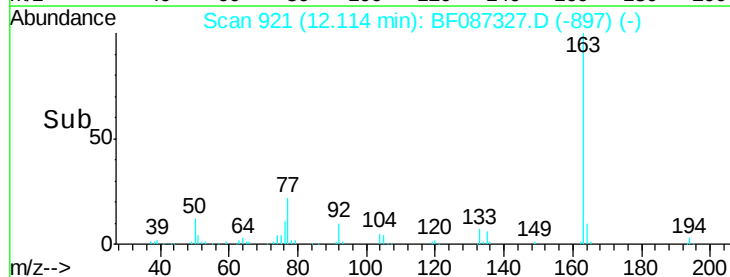
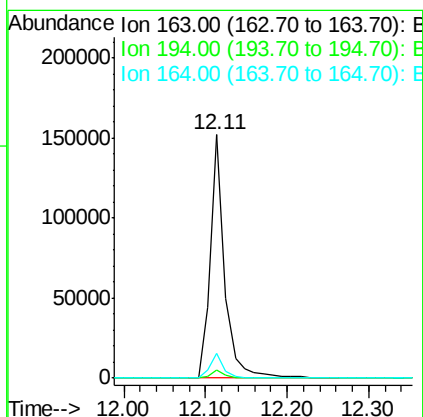
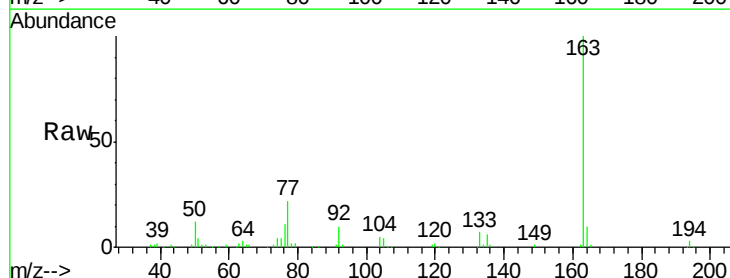
Instrument :
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 ClientSampleId :
 SB-17-COMP

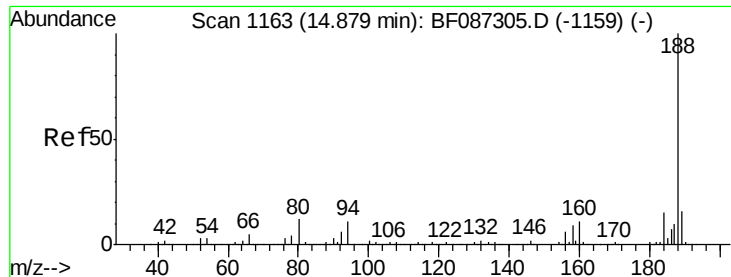
Tgt Ion:172 Resp: 1919452
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.7 19.8 29.8



#49
 Dimethylphthalate
 Concen: 8.16 ng
 RT: 12.11 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BF087327.D
 Acq: 24 May 2016 6:44

Tgt Ion:163 Resp: 189731
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 10.2 8.2 12.4

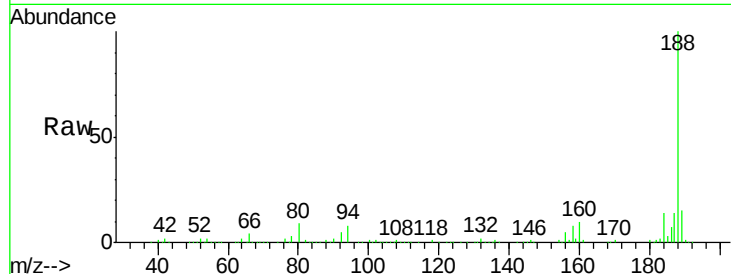




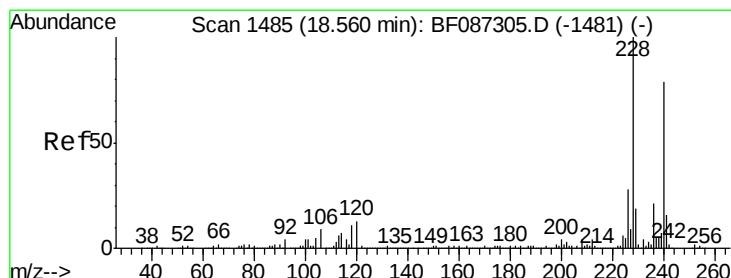
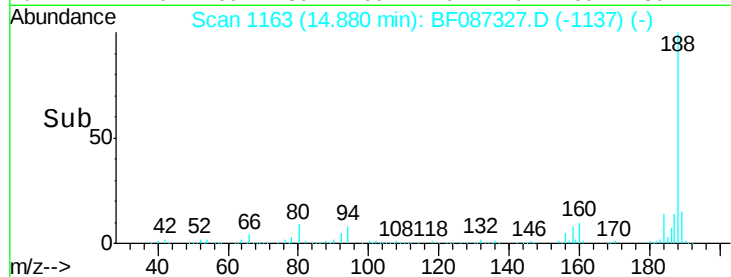
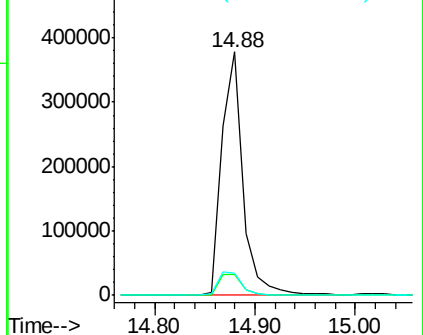
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087327.D
Acq: 24 May 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-17-COMP

Tgt Ion:188 Resp: 554496
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.0 7.1 10.7

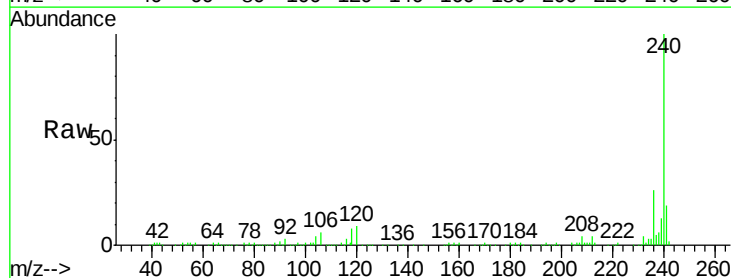


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

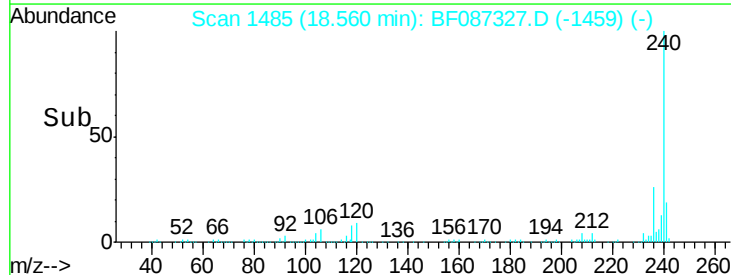
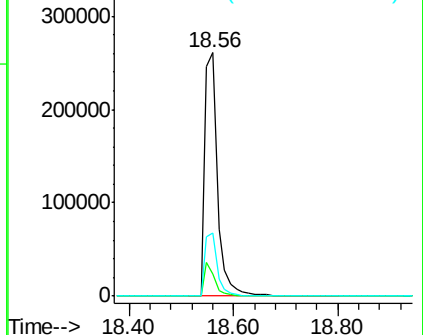


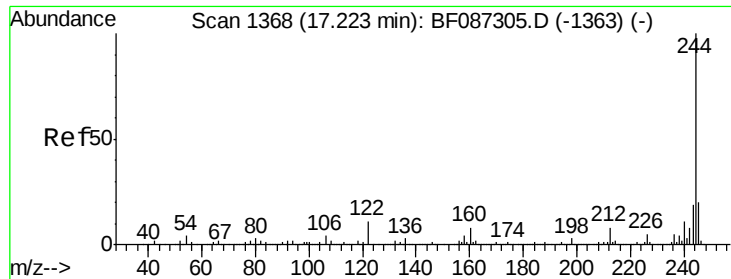
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.56 min Scan# 1485
Delta R.T. 0.00 min
Lab File: BF087327.D
Acq: 24 May 2016 6:44

Tgt Ion:240 Resp: 443623
Ion Ratio Lower Upper
240 100
120 9.1 11.2 16.8#
236 26.1 21.2 31.8



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

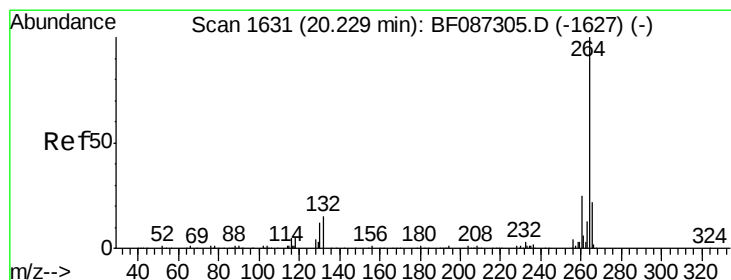
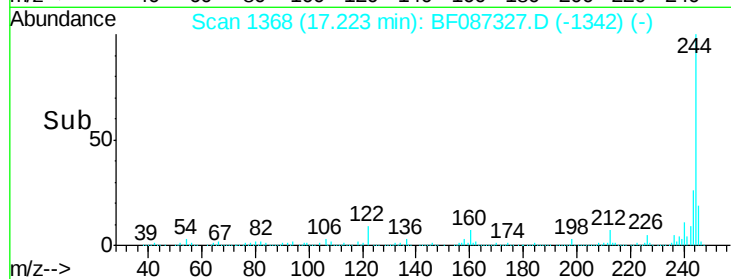
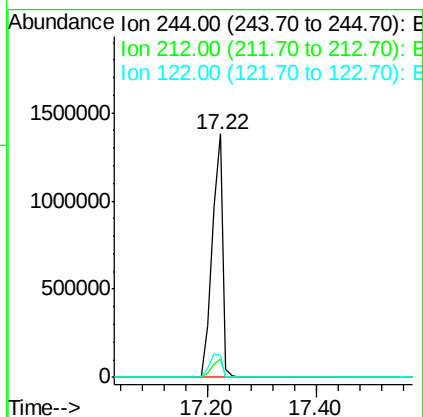
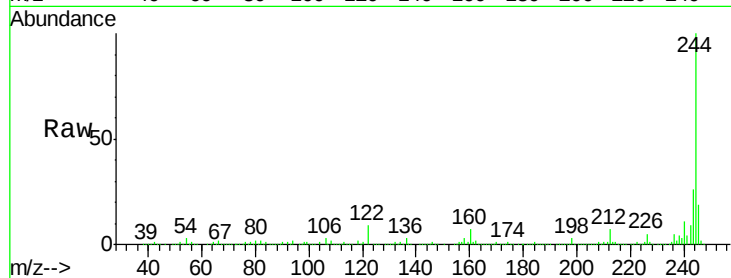




#78
 Terphenyl-d14
 Concen: 89.50 ng
 RT: 17.22 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF087327.D
 Acq: 24 May 2016 6:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

Tgt Ion:244 Resp: 1867515
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 9.0 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.22 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF087327.D
 Acq: 24 May 2016 6:44

Tgt Ion:264 Resp: 319983
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 21.9 17.3 25.9

