

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087333.D
 Acq On : 24 May 2016 10:06
 Operator : UM/SJ
 Sample : H3168-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-23-COMP

Quant Time: May 24 18:48:57 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

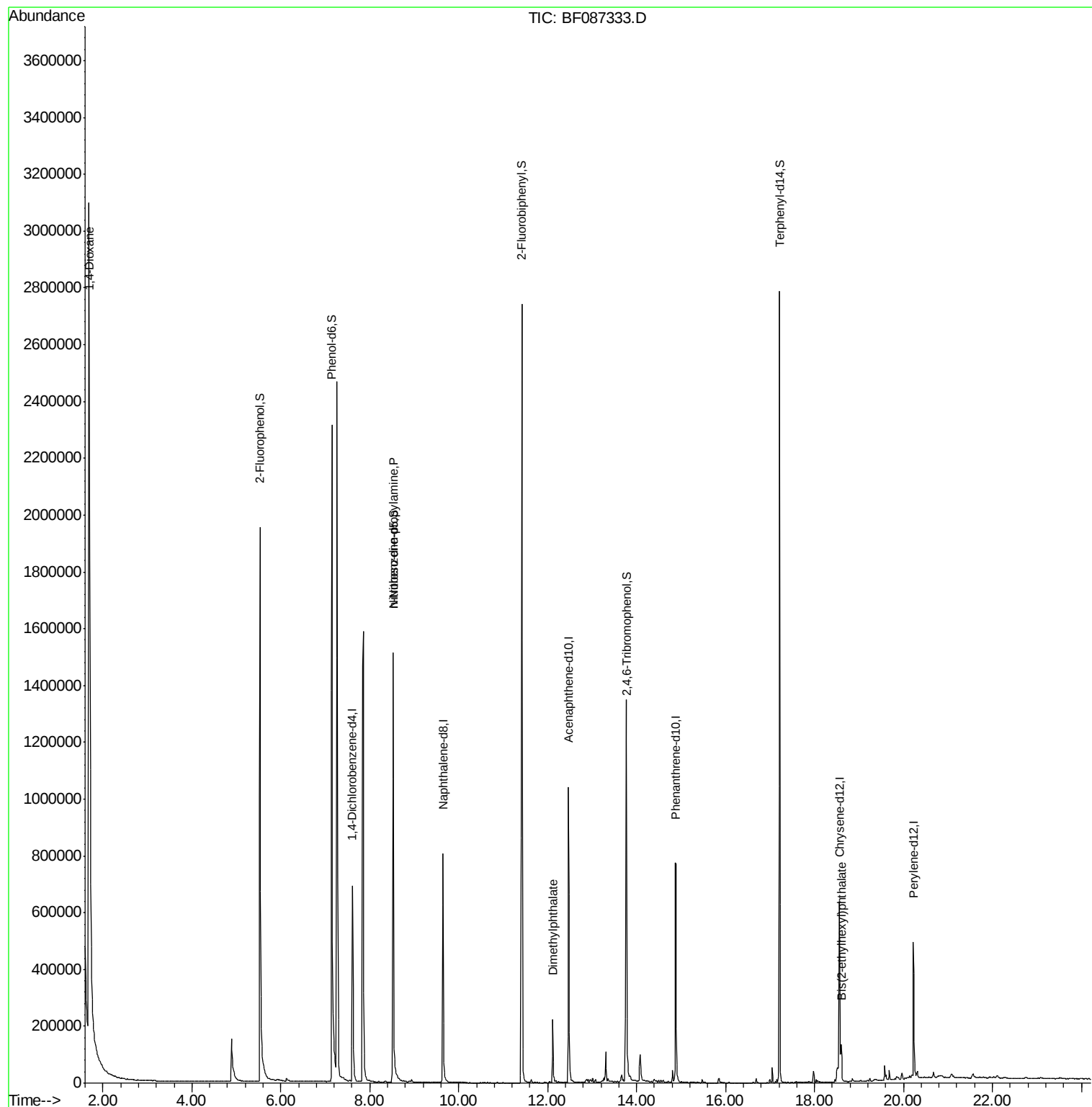
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	135900	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	583965	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	276893	20.00	ng	-0.01
63) Phenanthrene-d10	14.88	188	496989	20.00	ng	0.00
75) Chrysene-d12	18.56	240	350115	20.00	ng	0.00
86) Perylene-d12	20.22	264	269780	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	781750	101.08	ng	0.01
7) Phenol-d6	7.15	99	1057091	101.15	ng	-0.01
23) Nitrobenzene-d5	8.52	82	722808	62.38	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	237529	89.27	ng	-0.01
44) 2-Fluorobiphenyl	11.42	172	1198044	61.00	ng	-0.01
78) Terphenyl-d14	17.21	244	973969	59.14	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.69	88	140979	34.55	ng	# 22
19) n-Nitroso-di-n-propylamine	8.52	70	95772	12.29	ng	# 76
49) Dimethylphthalate	12.11	163	123470	5.57	ng	100
83) Bis(2-ethylhexyl)phthalate	18.61	149	61894	3.80	ng	# 96

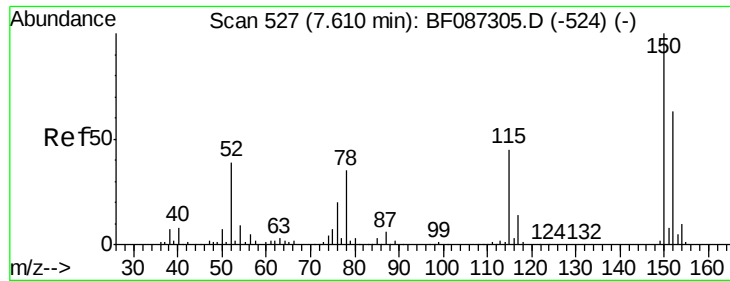
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087333.D

Acq: 24 May 2016 10:06

Instrument :

BNA_F

ClientSampleId :

SB-23-COMP

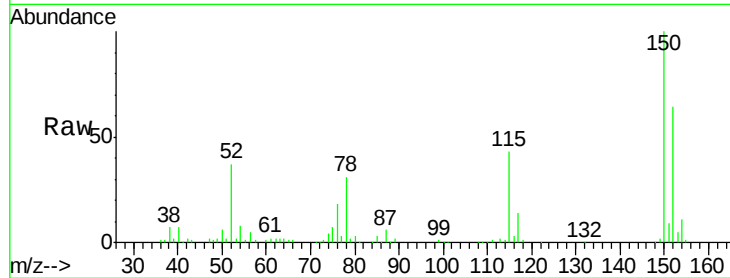
Tgt Ion:152 Resp: 135900

Ion Ratio Lower Upper

152 100

150 155.8 125.8 188.6

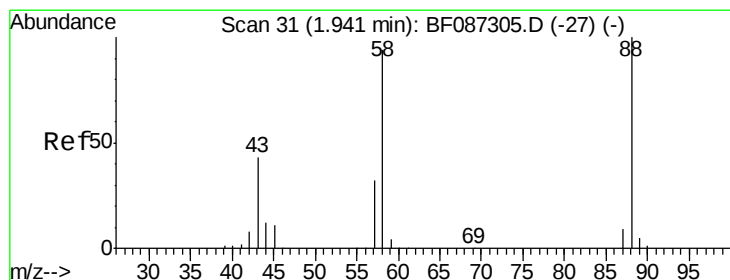
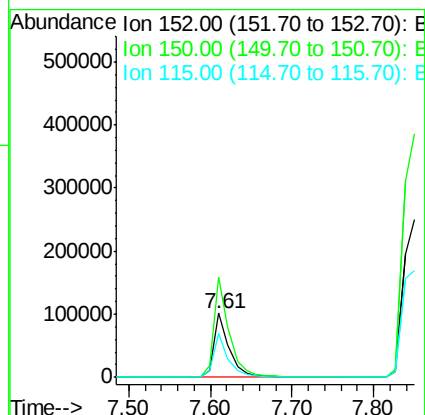
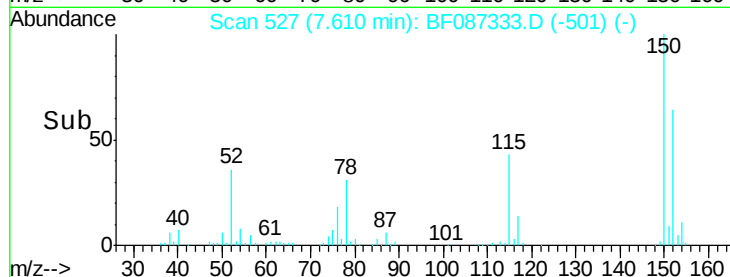
115 67.7 51.5 77.3



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: 34.55 ng

RT: 1.69 min Scan# 9

Delta R.T. -0.25 min

Lab File: BF087333.D

Acq: 24 May 2016 10:06

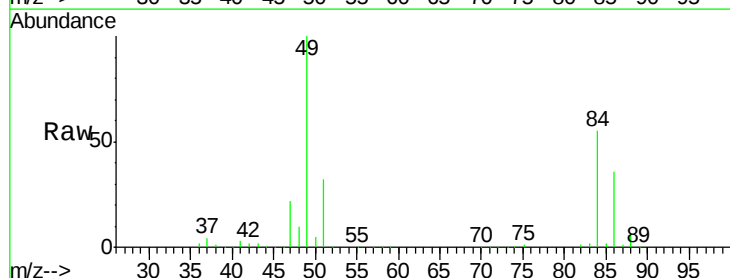
Tgt Ion: 88 Resp: 140979

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

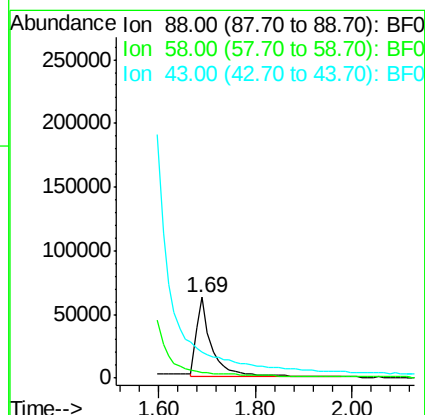
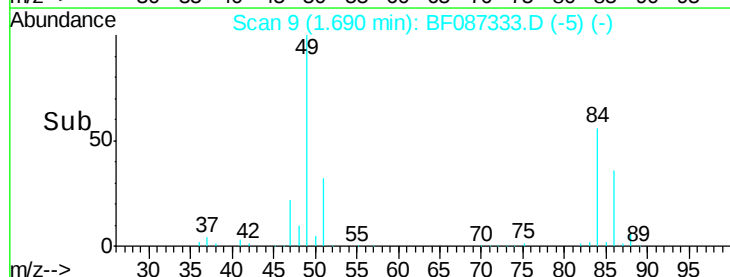
43 0.0 21.8 32.6#

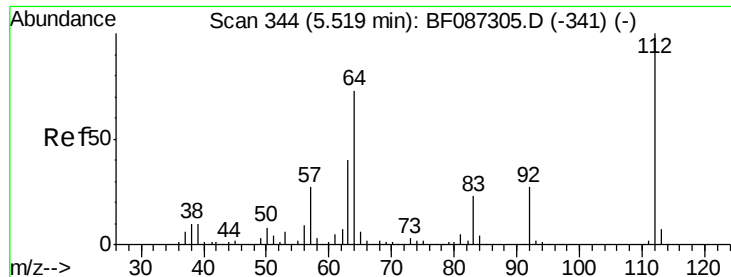


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

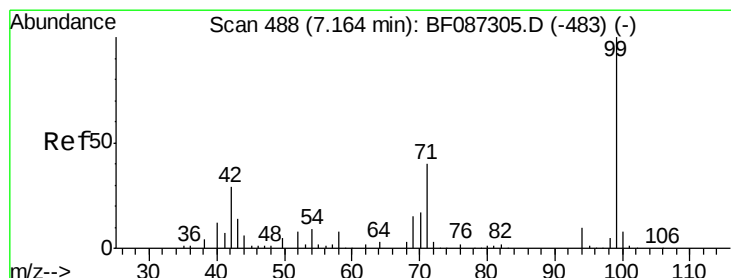
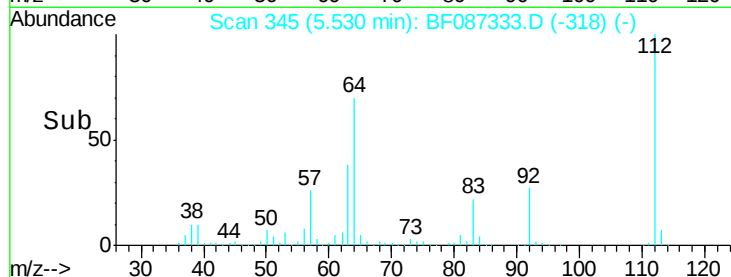
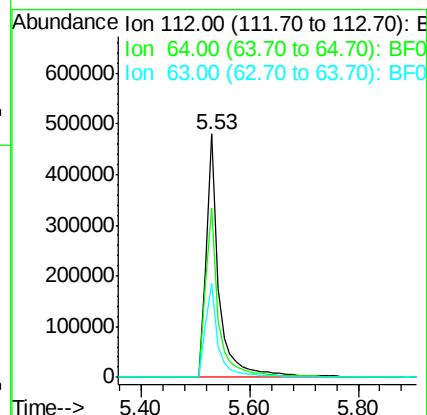
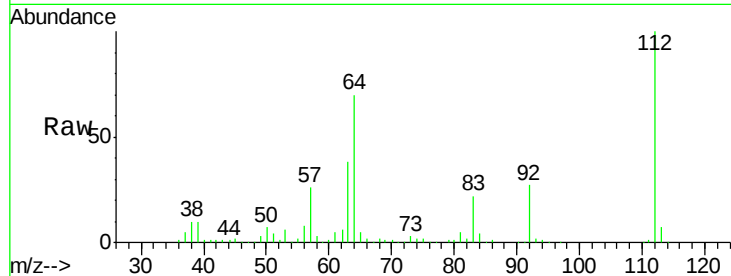




#5
 2-Fluorophenol
 Concen: 101.08 ng
 RT: 5.53 min Scan# 345
 Delta R.T. 0.01 min
 Lab File: BF087333.D
 Acq: 24 May 2016 10:06

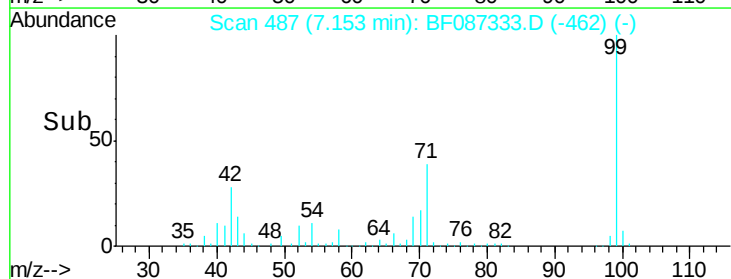
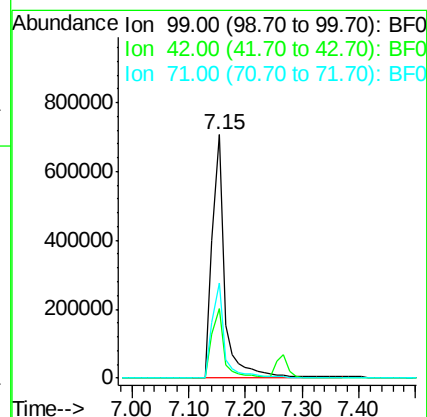
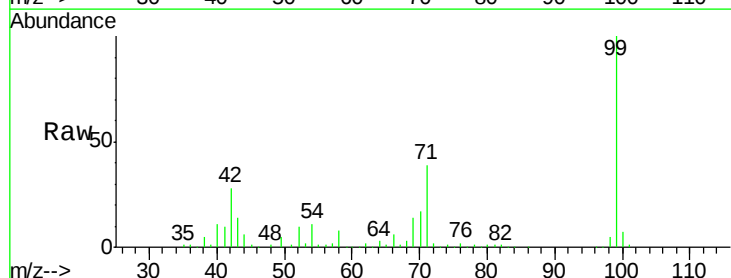
Instrument :
 BNA_F
 ClientSampleId :
 SB-23-COMP

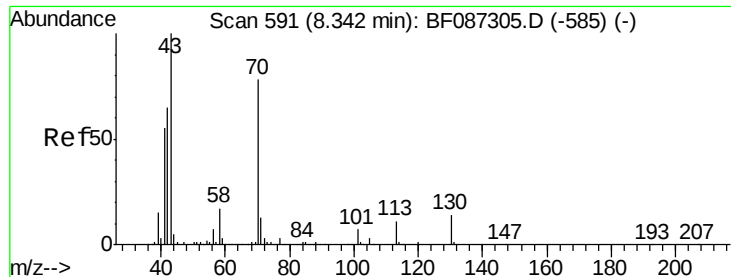
Tgt Ion: 112 Resp: 781750
 Ion Ratio Lower Upper
 112 100
 64 69.7 52.1 78.1
 63 38.5 25.7 38.5



#7
 Phenol-d6
 Concen: 101.15 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF087333.D
 Acq: 24 May 2016 10:06

Tgt Ion: 99 Resp: 1057091
 Ion Ratio Lower Upper
 99 100
 42 28.4 13.6 20.4#
 71 39.3 24.6 36.8#

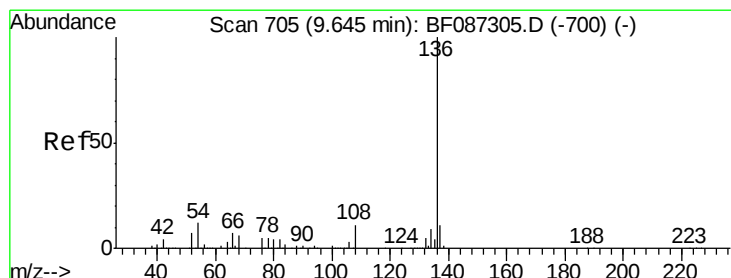
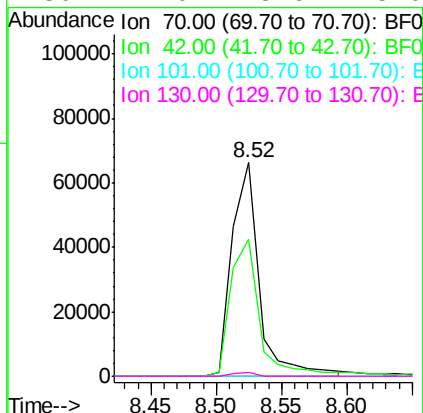
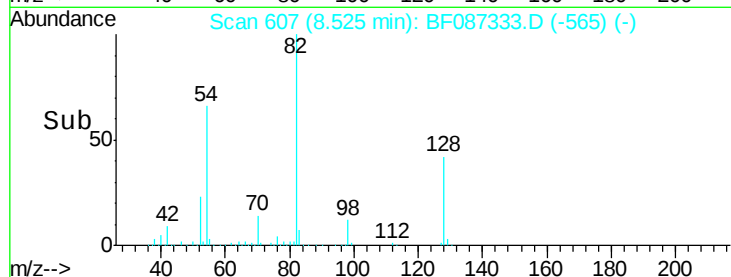
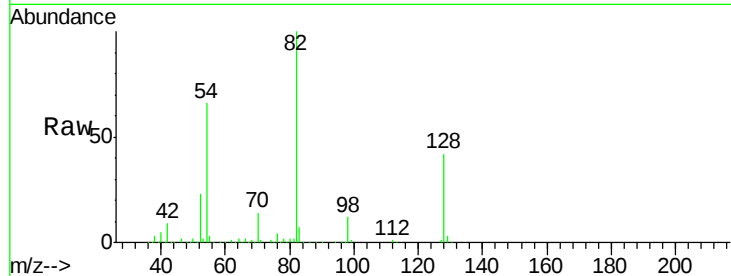




#19
 n-Nitroso-di-n-propylamine
 Concen: 12.29 ng
 RT: 8.52 min Scan# 607
 Delta R.T. 0.18 min
 Lab File: BF087333.D
 Acq: 24 May 2016 10:06

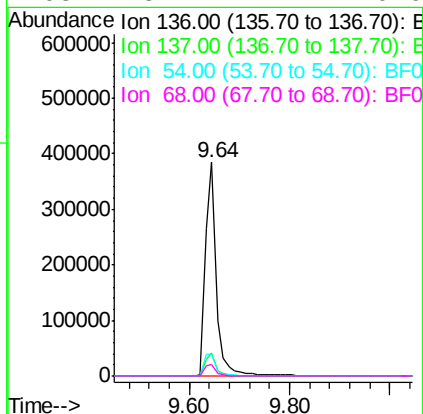
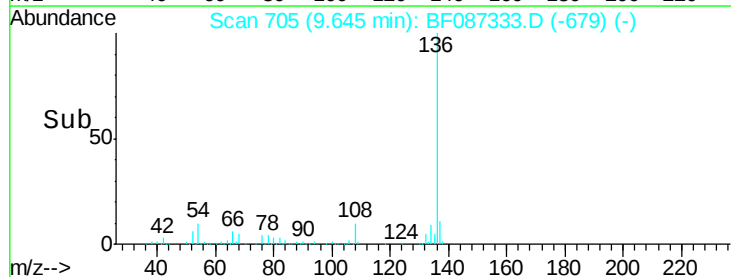
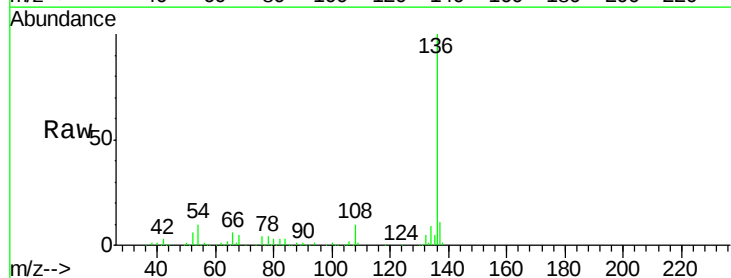
Instrument :
 BNA_F
 ClientSampleId :
 SB-23-COMP

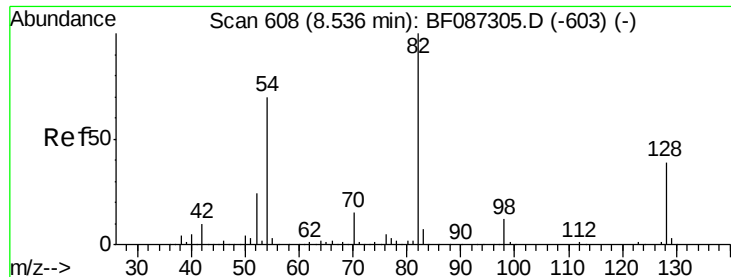
Tgt Ion: 70 Resp: 95772
 Ion Ratio Lower Upper
 70 100
 42 64.4 43.1 64.7
 101 0.0 8.1 12.1#
 130 2.0 18.6 28.0#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF087333.D
 Acq: 24 May 2016 10:06

Tgt Ion: 136 Resp: 583965
 Ion Ratio Lower Upper
 136 100
 137 10.7 8.8 13.2
 54 9.9 5.0 7.4#
 68 5.2 4.4 6.6

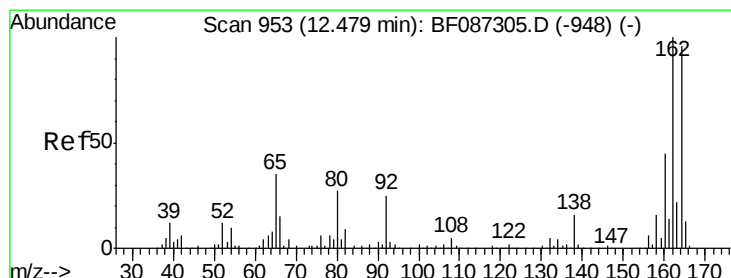
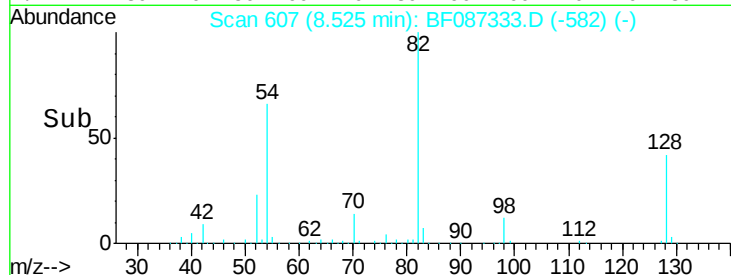
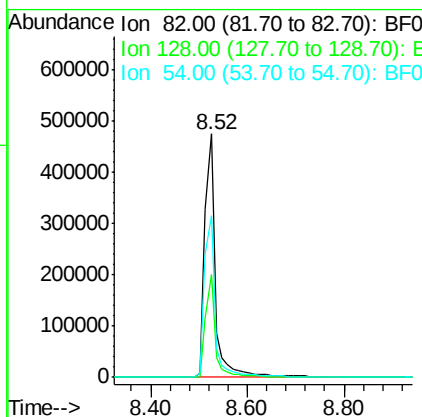
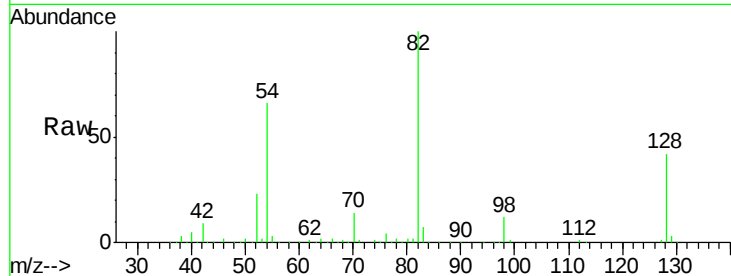




#23
 Nitrobenzene-d5
 Concen: 62.38 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF087333.D
 Acq: 24 May 2016 10:06

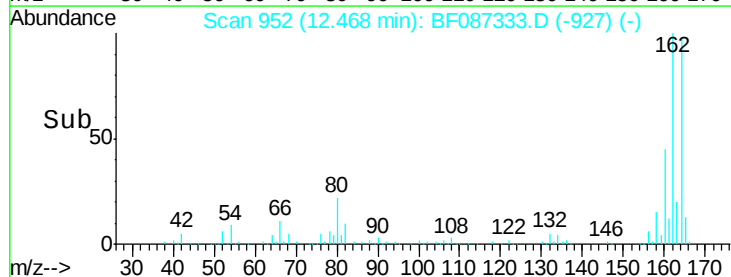
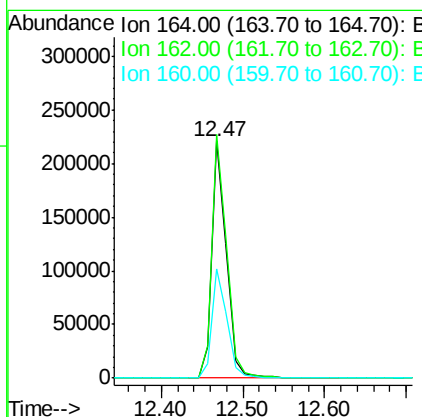
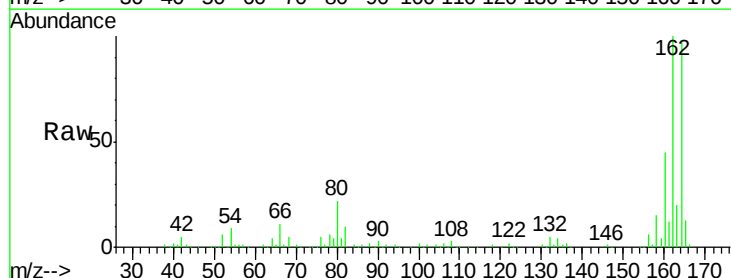
Instrument :
 BNA_F
 ClientSampleId :
 SB-23-COMP

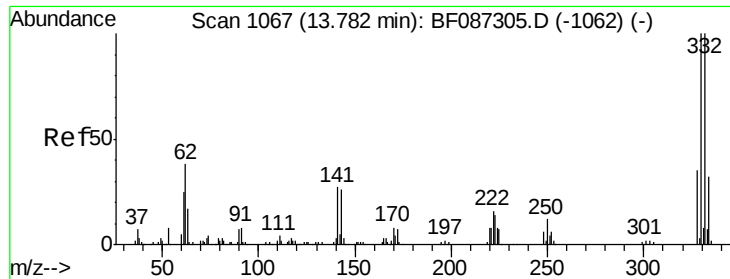
Tgt Ion: 82 Resp: 722808
 Ion Ratio Lower Upper
 82 100
 128 42.0 40.6 61.0
 54 66.3 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF087333.D
 Acq: 24 May 2016 10:06

Tgt Ion: 164 Resp: 276893
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.8 124.2
 160 46.4 36.9 55.3

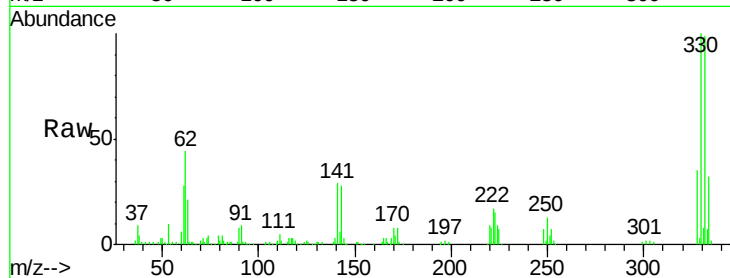




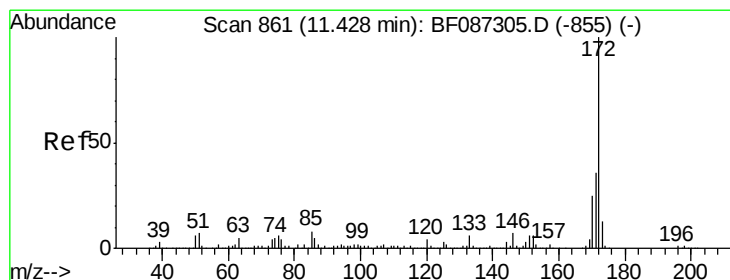
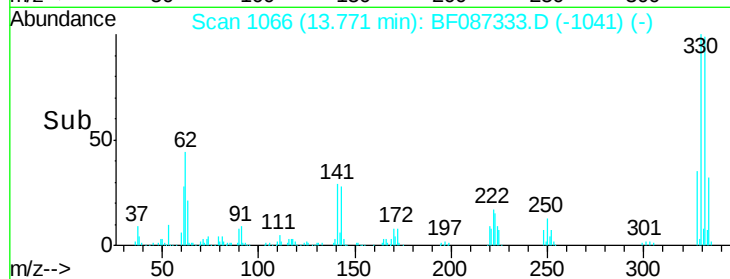
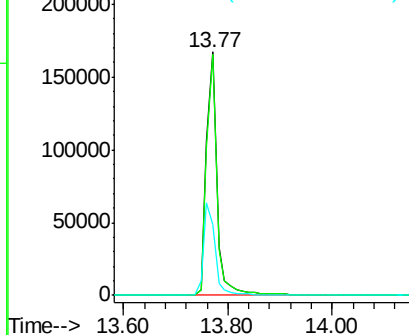
#41
 2,4,6-Tribromophenol
 Concen: 89.27 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087333.D
 Acq: 24 May 2016 10:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-23-COMP

Tgt Ion:330 Resp: 237529
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.0 118.4
 141 41.5 31.2 46.8

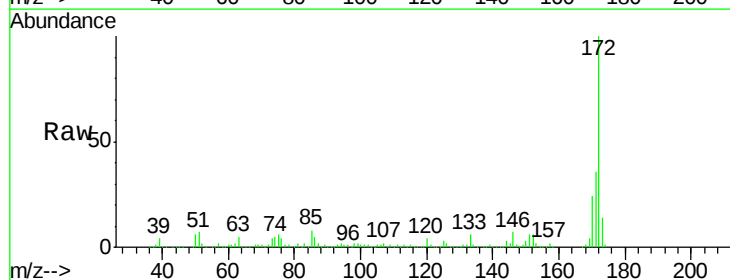


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

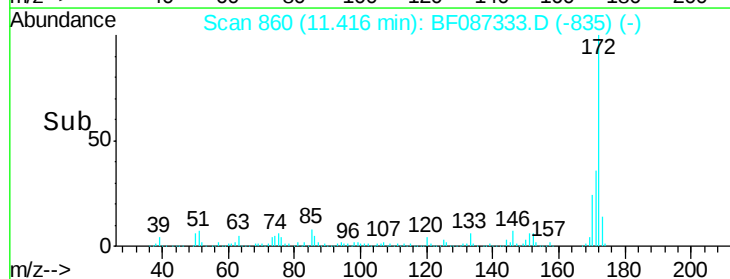
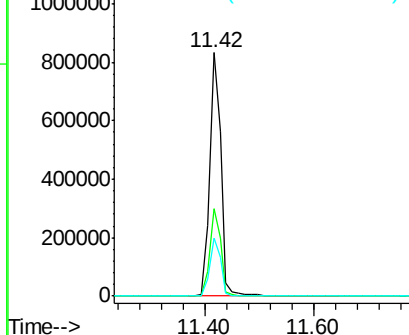


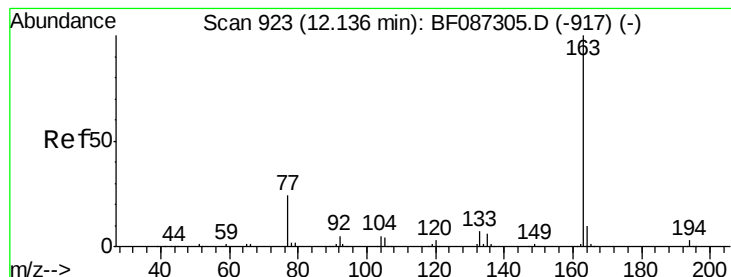
#44
 2-Fluorobiphenyl
 Concen: 61.00 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF087333.D
 Acq: 24 May 2016 10:06

Tgt Ion:172 Resp: 1198044
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 24.0 19.8 29.8



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





#49

Dimethylphthalate

Concen: 5.57 ng

RT: 12.11 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF087333.D

Acq: 24 May 2016 10:06

Instrument :

BNA_F

ClientSampleId :

SB-23-COMP

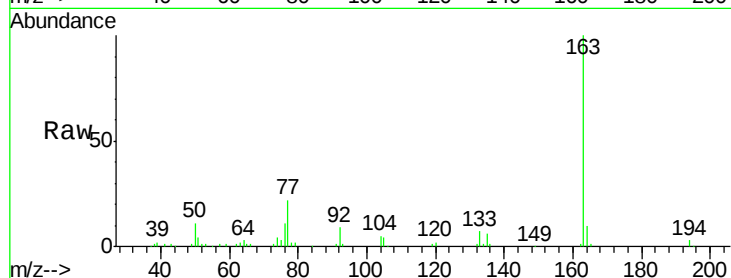
Tgt Ion:163 Resp: 123470

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

120000

100000

80000

60000

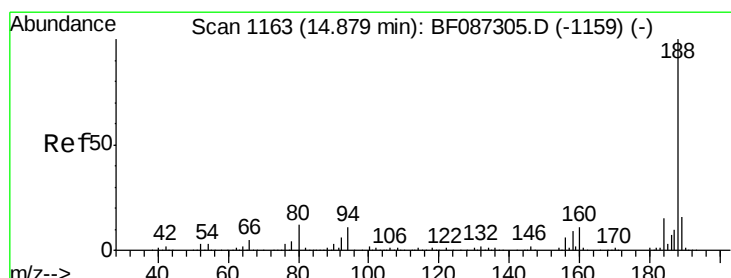
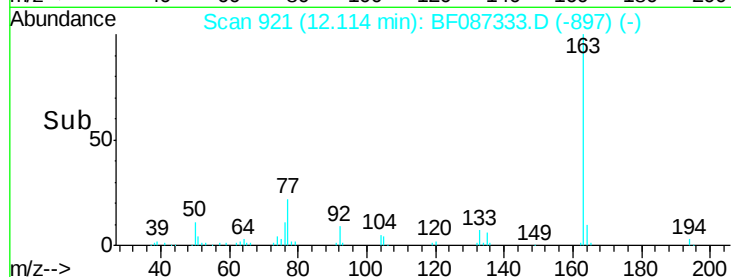
40000

20000

0

12.11

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF087333.D

Acq: 24 May 2016 10:06

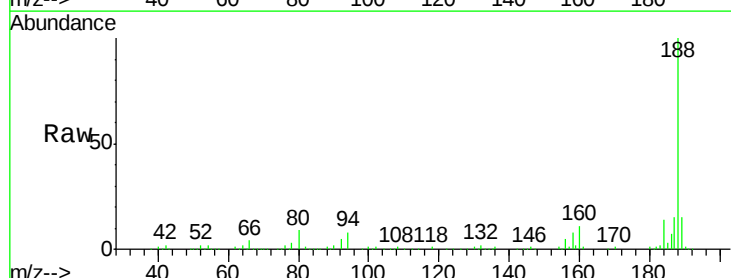
Tgt Ion:188 Resp: 496989

Ion Ratio Lower Upper

188 100

94 8.2 6.8 10.2

80 8.8 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

400000

300000

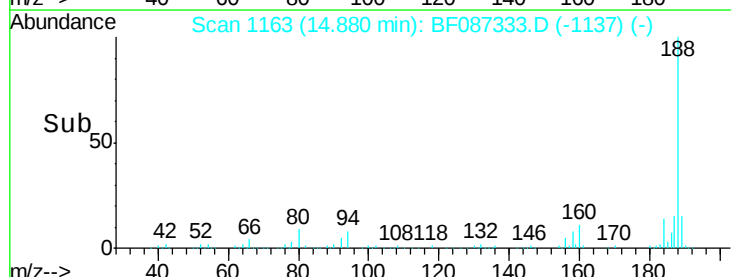
200000

100000

0

14.88

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.56 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BF087333.D

Acq: 24 May 2016 10:06

Instrument :

BNA_F

ClientSampleId :

SB-23-COMP

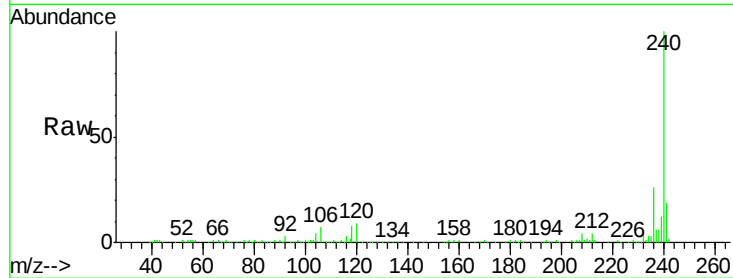
Tgt Ion:240 Resp: 350115

Ion Ratio Lower Upper

240 100

120 9.4 11.2 16.8#

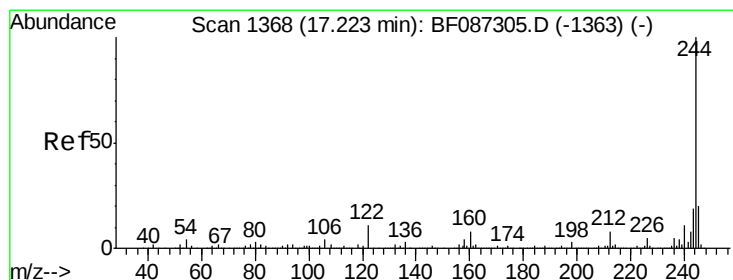
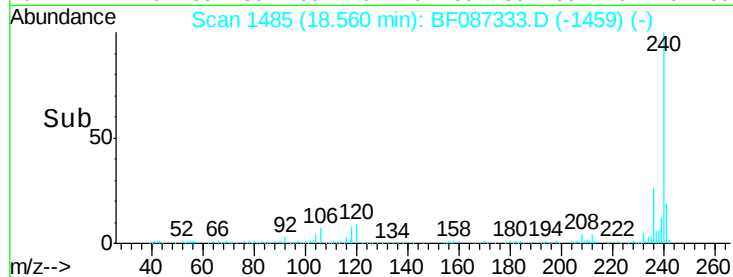
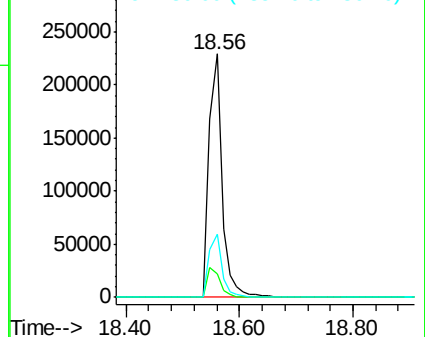
236 25.9 21.2 31.8



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: 59.14 ng

RT: 17.21 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF087333.D

Acq: 24 May 2016 10:06

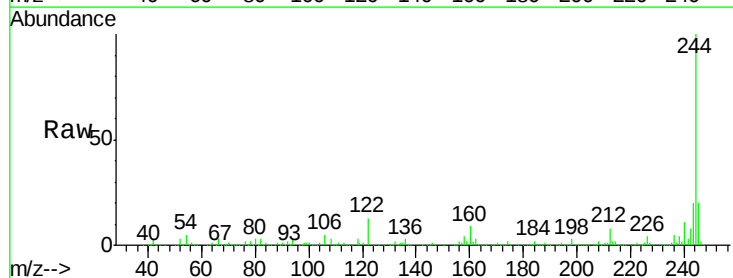
Tgt Ion:244 Resp: 973969

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

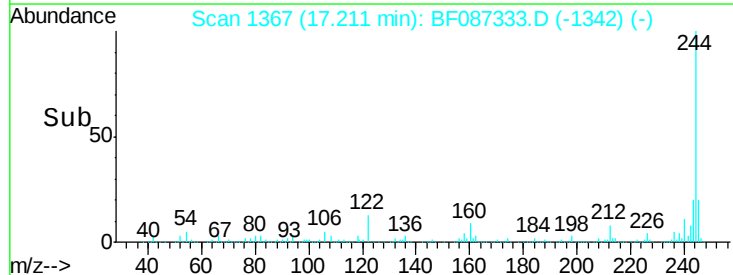
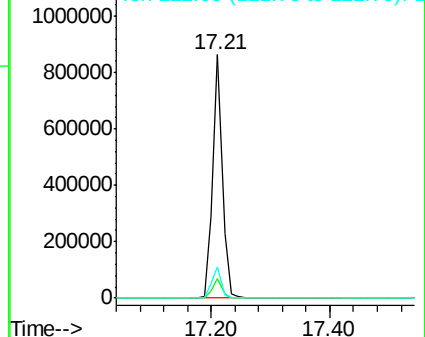
122 13.0 12.0 18.0

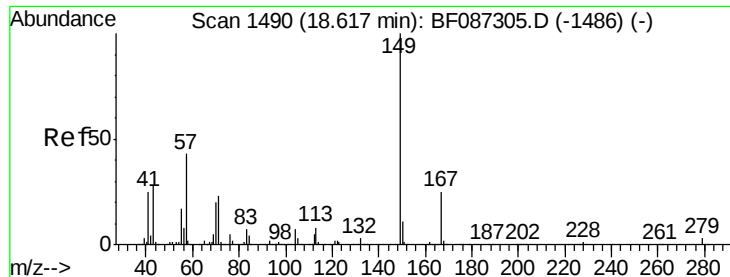


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

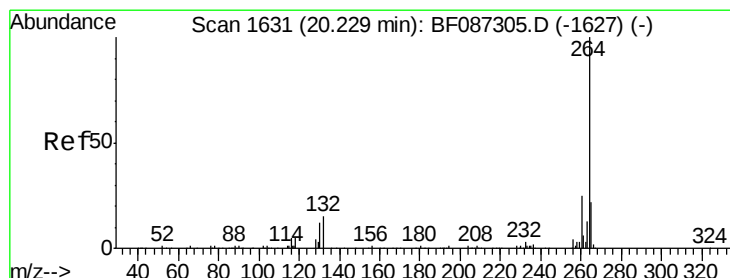
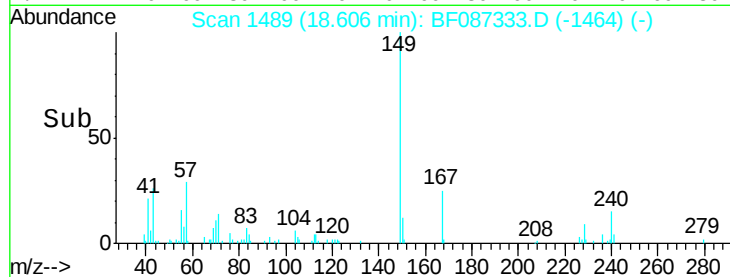
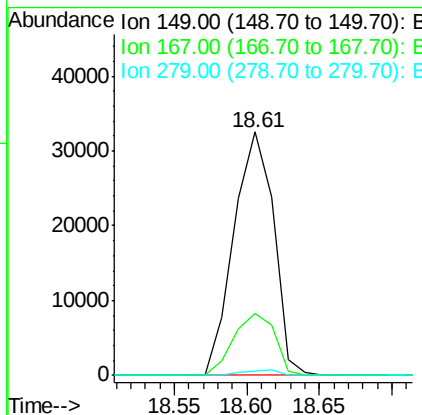
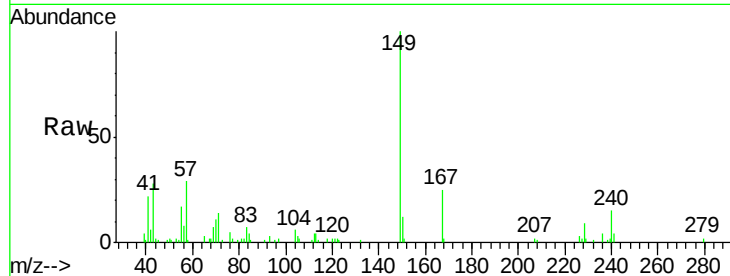




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.80 ng
 RT: 18.61 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BF087333.D
 Acq: 24 May 2016 10:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-23-COMP

Tgt Ion:149 Resp: 61894
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.8 32.6
 279 1.6 2.6 4.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.22 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF087333.D
 Acq: 24 May 2016 10:06

Tgt Ion:264 Resp: 269780
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.7 17.3 25.9

