

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087330.D
 Acq On : 24 May 2016 8:25
 Operator : UM/SJ
 Sample : H3168-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMP

Quant Time: May 24 18:47:11 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

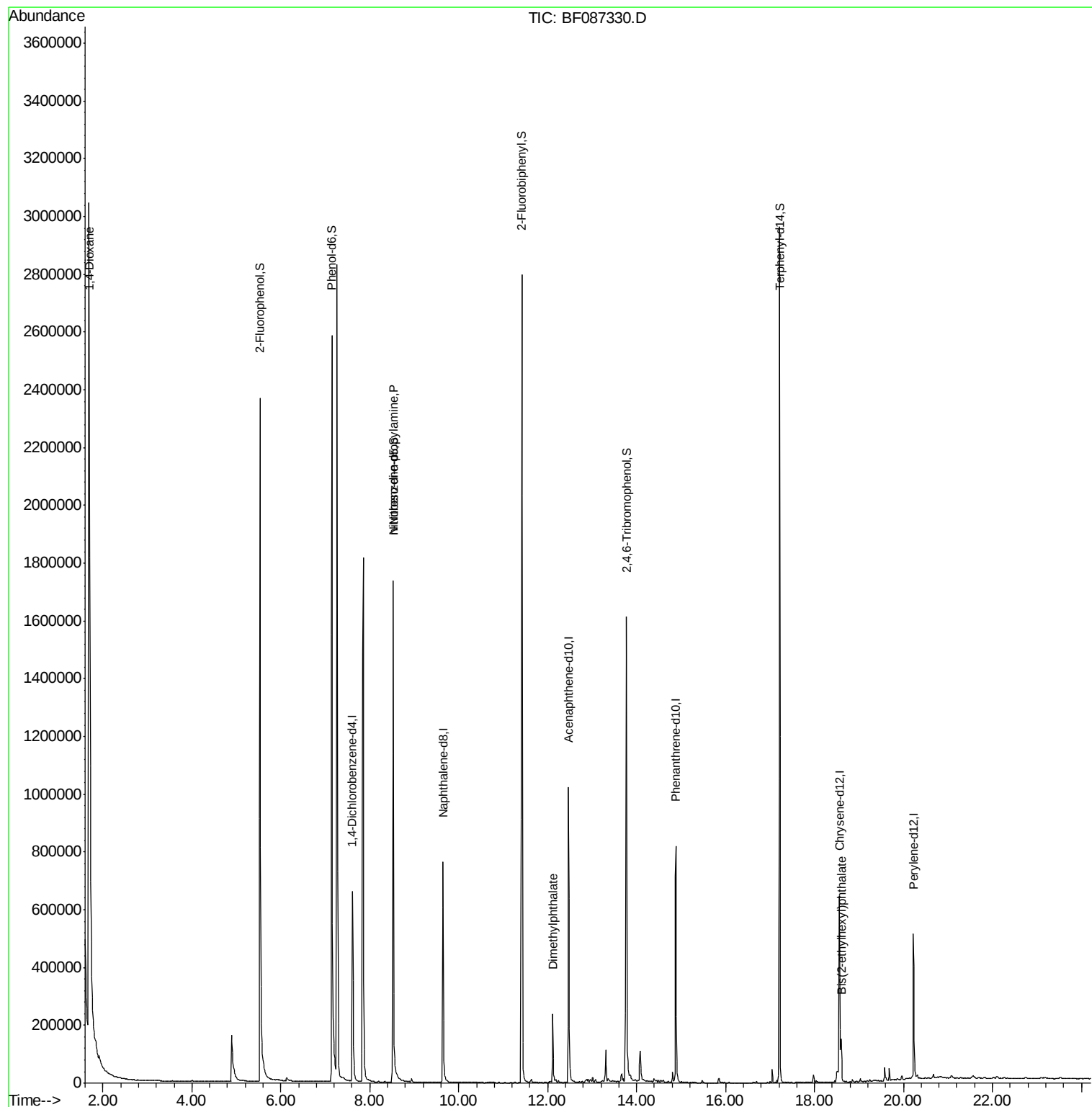
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	132787	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	569796	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	275737	20.00	ng	-0.01
63) Phenanthrene-d10	14.88	188	508265	20.00	ng	0.00
75) Chrysene-d12	18.56	240	383468	20.00	ng	0.00
86) Perylene-d12	20.22	264	282865	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	867345	114.77	ng	0.01
7) Phenol-d6	7.15	99	1138078	111.45	ng	-0.01
23) Nitrobenzene-d5	8.52	82	797128	70.51	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	279958	105.65	ng	-0.01
44) 2-Fluorobiphenyl	11.42	172	1342869	68.66	ng	-0.01
78) Terphenyl-d14	17.21	244	1159419	64.28	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.69	88	151780	38.06	ng	# 22
19) n-Nitroso-di-n-propylamine	8.52	70	108458	14.24	ng	# 75
49) Dimethylphthalate	12.11	163	129771	5.88	ng	99
83) Bis(2-ethylhexyl)phthalate	18.61	149	78544	4.40	ng	# 97

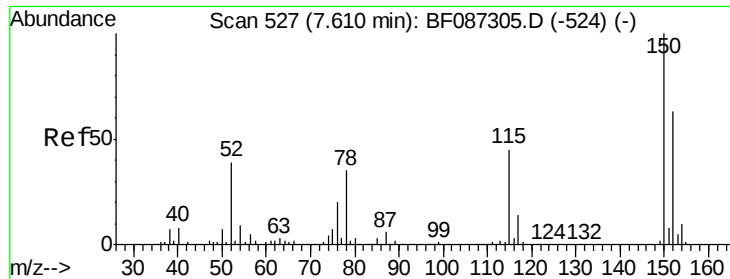
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087330.D

Acq: 24 May 2016 8:25

Instrument :

BNA_F

ClientSampleId :

SB-22-COMP

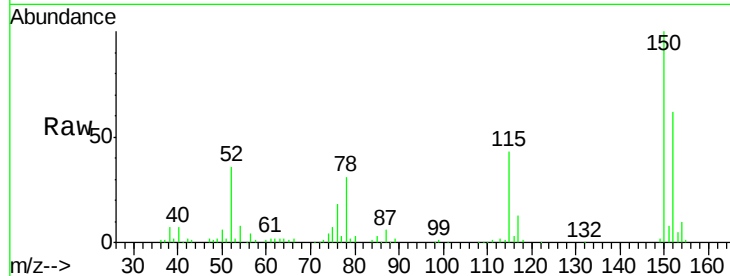
Tgt Ion:152 Resp: 132787

Ion Ratio Lower Upper

152 100

150 160.4 125.8 188.6

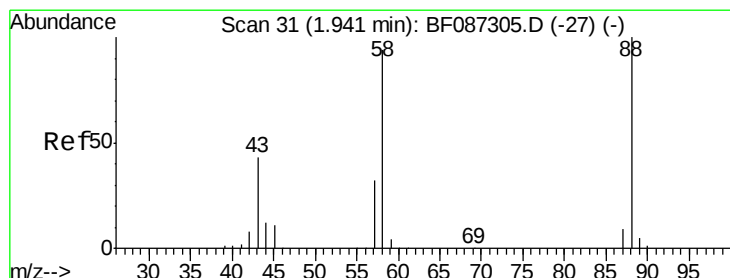
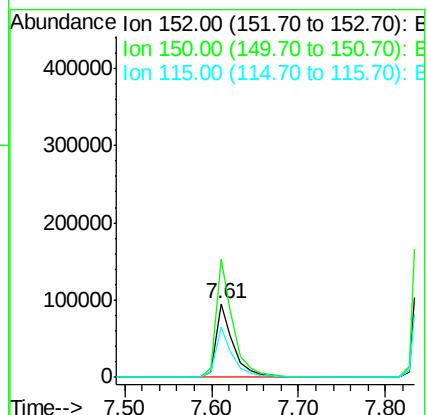
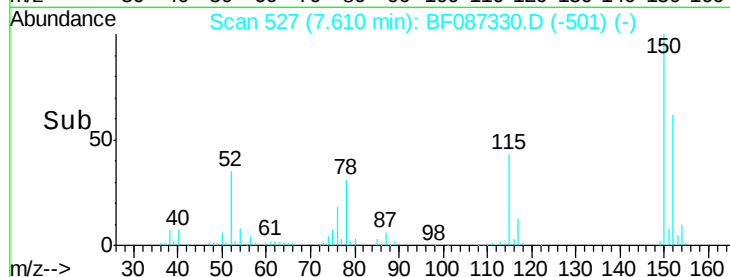
115 69.1 51.5 77.3



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: 38.06 ng

RT: 1.69 min Scan# 9

Delta R.T. -0.25 min

Lab File: BF087330.D

Acq: 24 May 2016 8:25

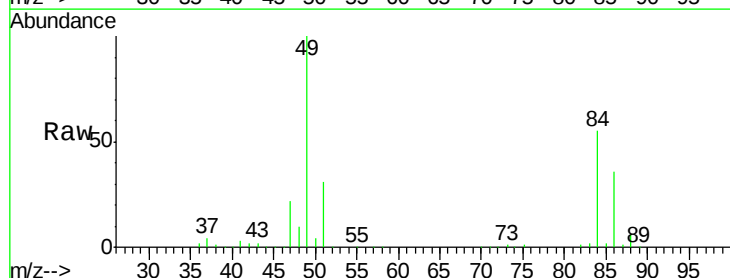
Tgt Ion: 88 Resp: 151780

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

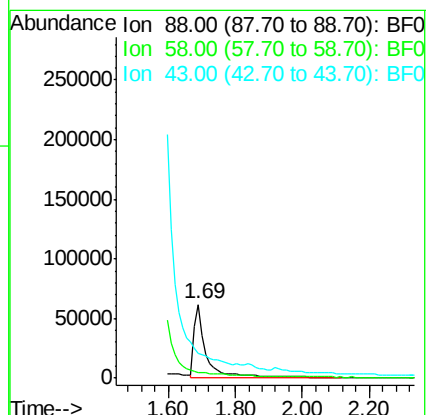
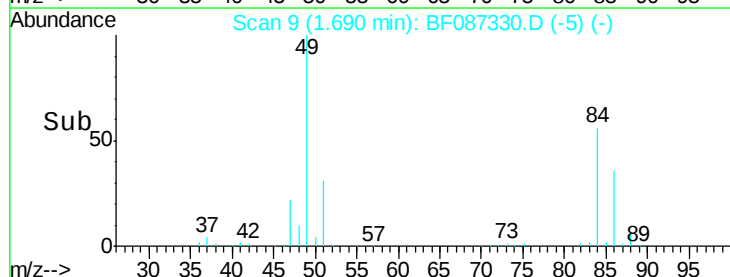
43 0.0 21.8 32.6#



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

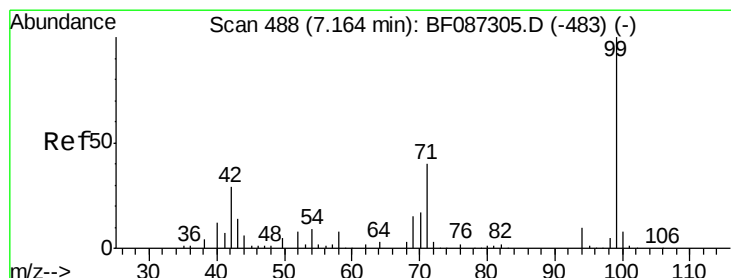
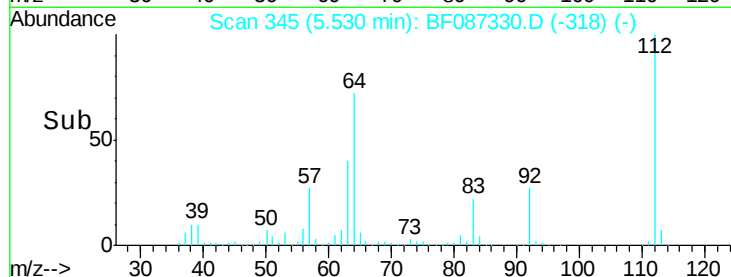
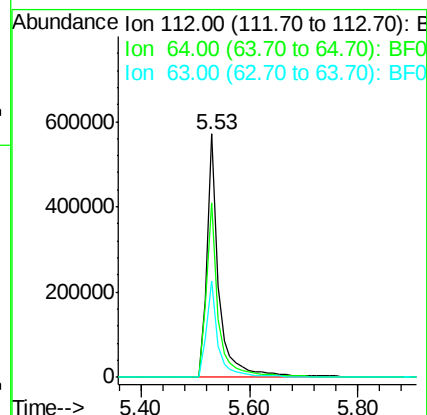
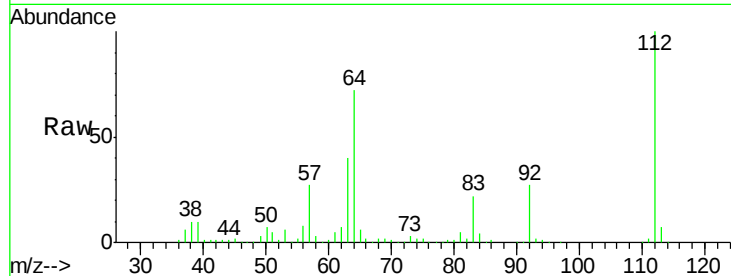




#5
 2-Fluorophenol
 Concen: 114.77 ng
 RT: 5.53 min Scan# 345
 Delta R.T. 0.01 min
 Lab File: BF087330.D
 Acq: 24 May 2016 8:25

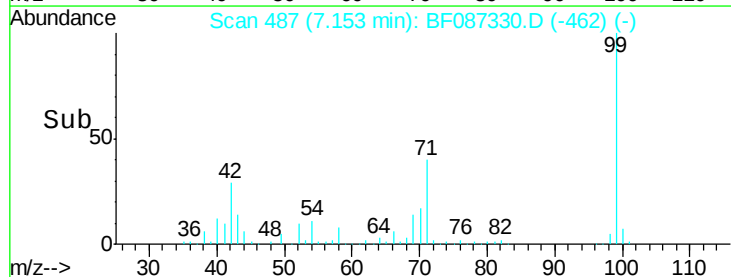
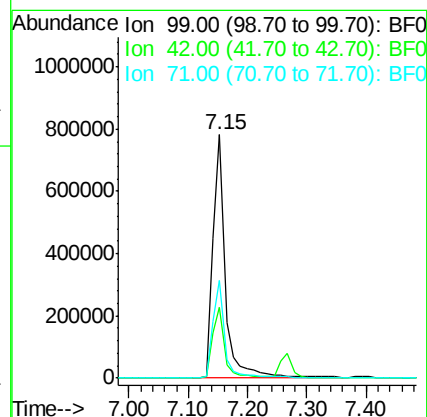
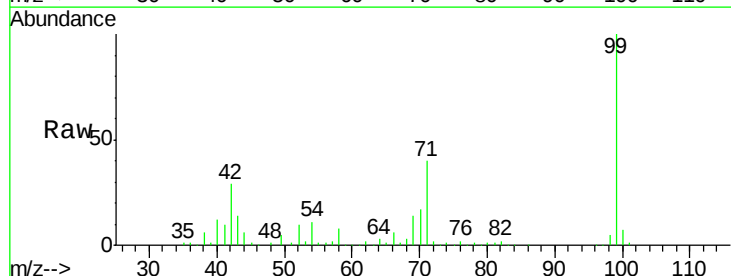
Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMP

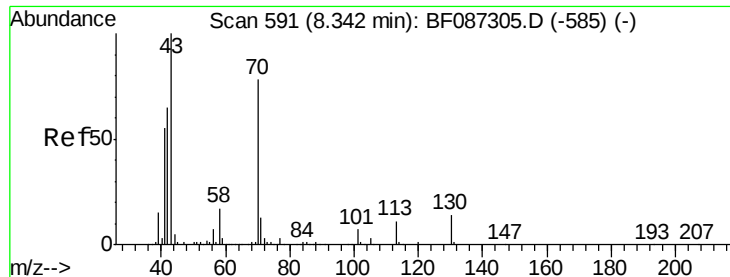
Tgt Ion: 112 Resp: 867345
 Ion Ratio Lower Upper
 112 100
 64 71.6 52.1 78.1
 63 39.5 25.7 38.5#



#7
 Phenol-d6
 Concen: 111.45 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF087330.D
 Acq: 24 May 2016 8:25

Tgt Ion: 99 Resp: 1138078
 Ion Ratio Lower Upper
 99 100
 42 29.3 13.6 20.4#
 71 39.9 24.6 36.8#

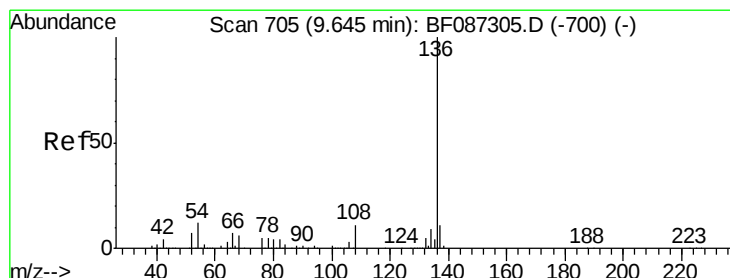
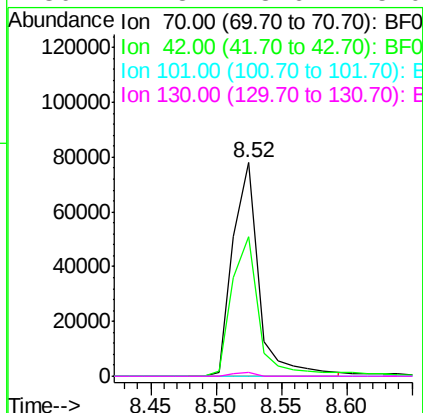
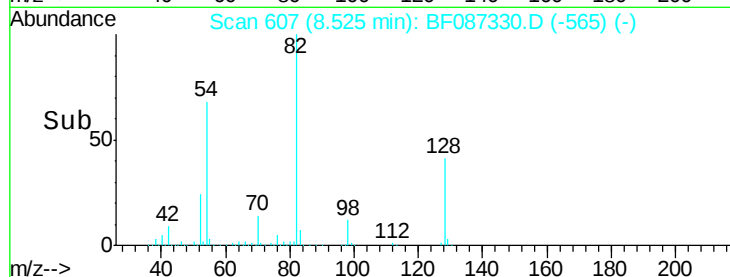
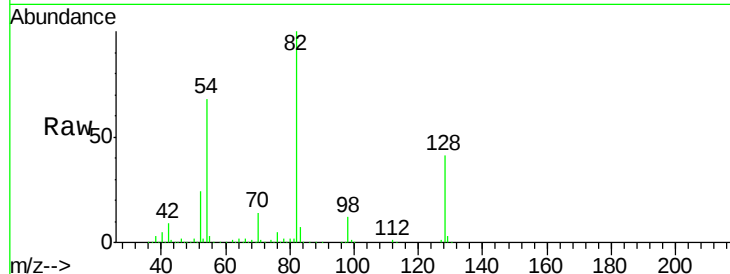




#19
n-Nitroso-di-n-propylamine
Concen: 14.24 ng
RT: 8.52 min Scan# 607
Delta R.T. 0.18 min
Lab File: BF087330.D
Acq: 24 May 2016 8:25

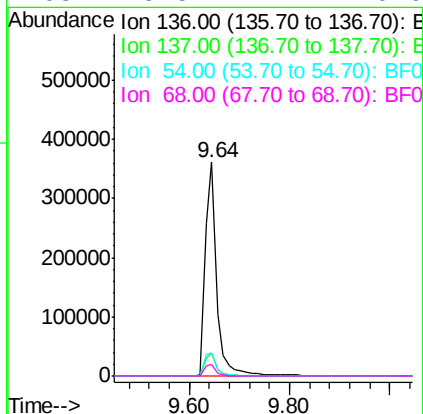
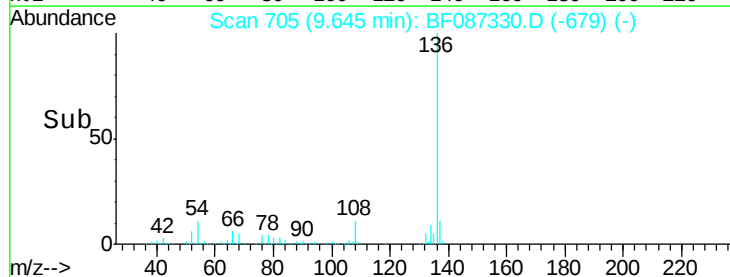
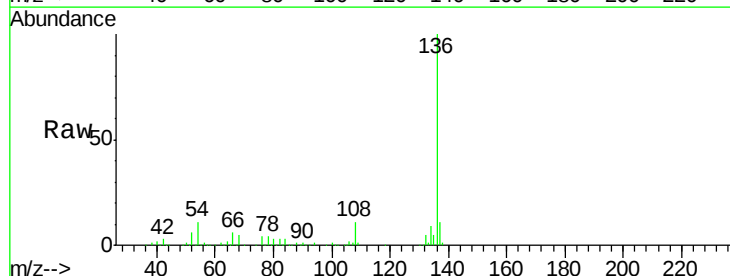
Instrument :
BNA_F
ClientSampleId :
SB-22-COMP

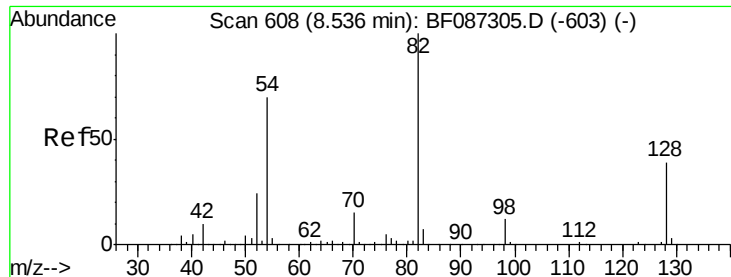
Tgt Ion: 70 Resp: 108458
Ion Ratio Lower Upper
70 100
42 65.0 43.1 64.7#
101 0.0 8.1 12.1#
130 1.8 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF087330.D
Acq: 24 May 2016 8:25

Tgt Ion: 136 Resp: 569796
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.5 5.0 7.4#
68 5.5 4.4 6.6

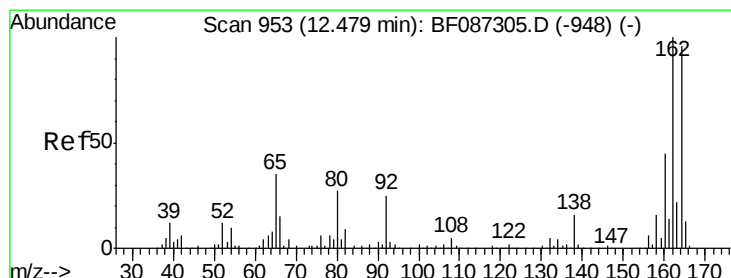
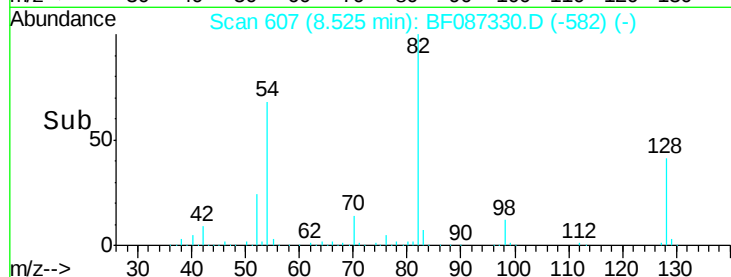
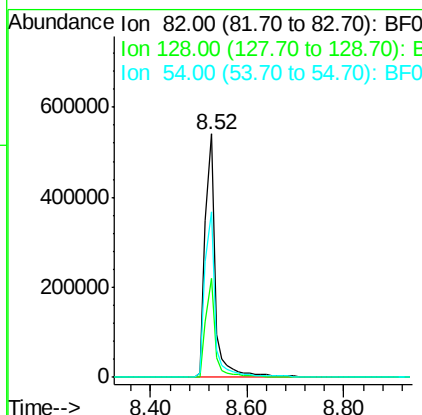
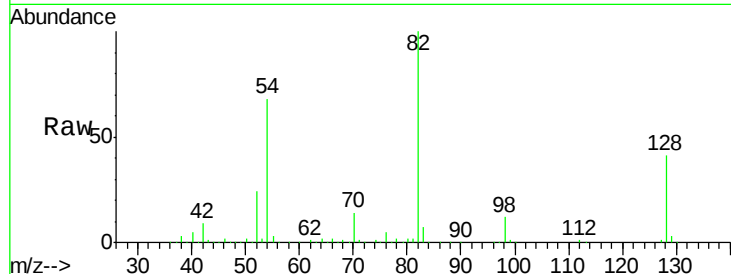




#23
 Nitrobenzene-d5
 Concen: 70.51 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF087330.D
 Acq: 24 May 2016 8:25

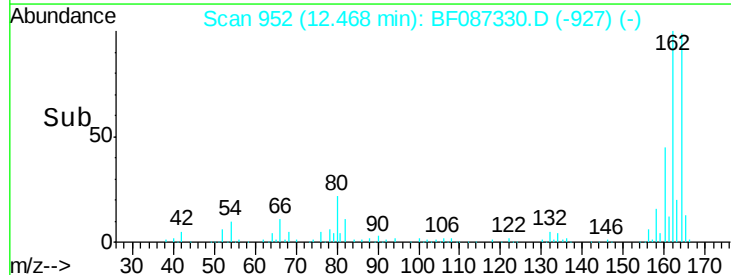
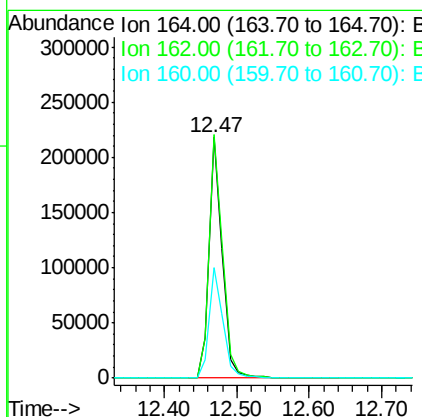
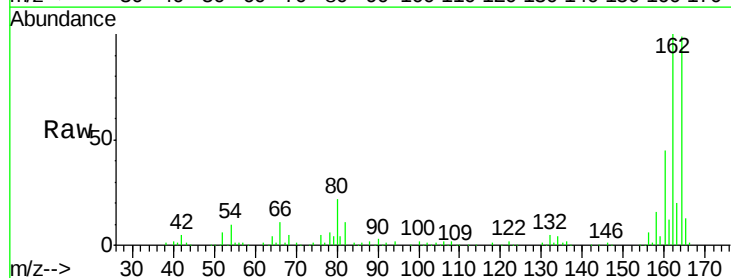
Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMP

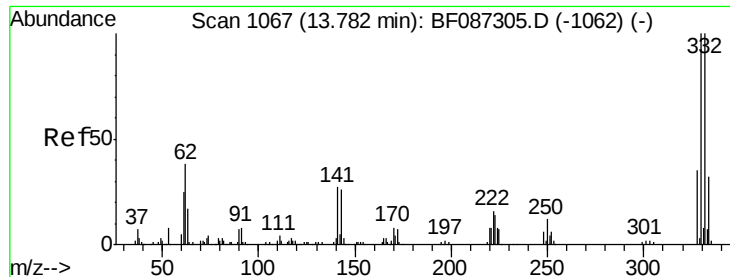
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.9	40.6	61.0
54	68.0	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF087330.D
 Acq: 24 May 2016 8:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.8	124.2
160	45.8	36.9	55.3

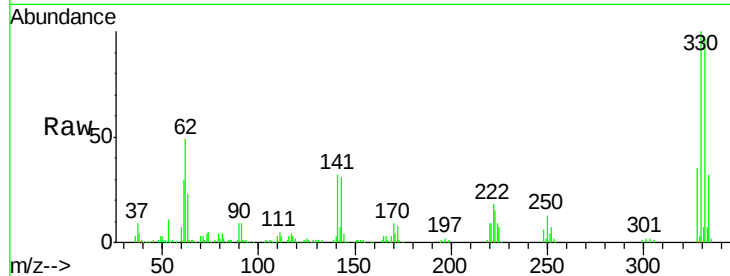




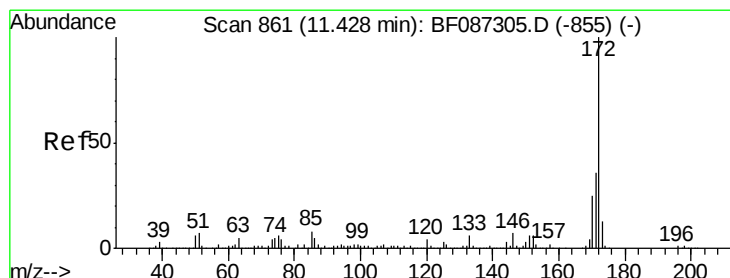
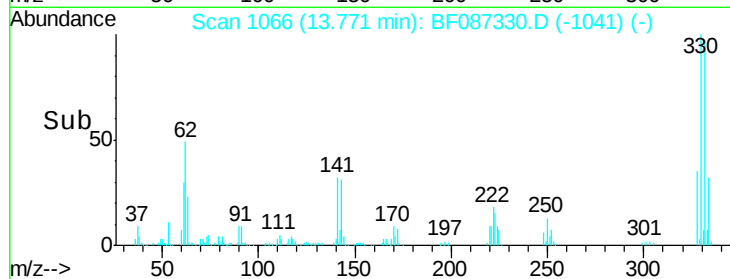
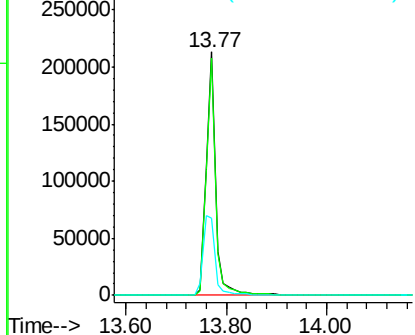
#41
 2,4,6-Tribromophenol
 Concen: 105.65 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087330.D
 Acq: 24 May 2016 8:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.0	118.4
141	42.1	31.2	46.8

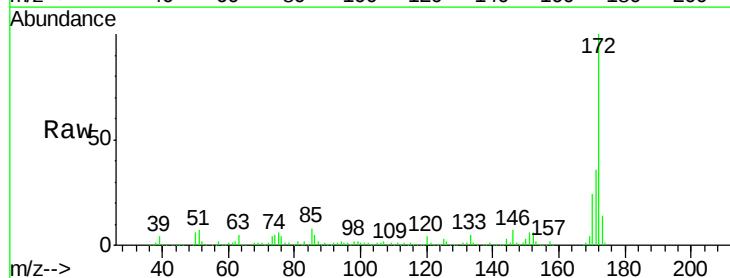


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

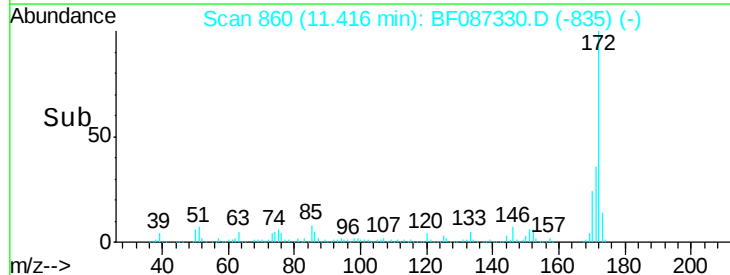
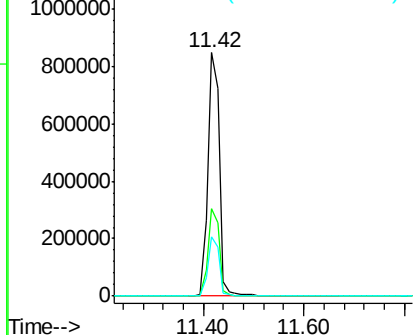


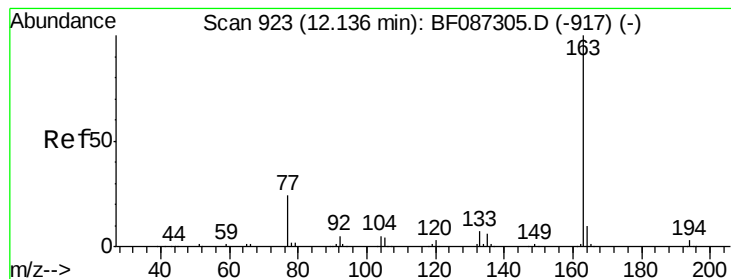
#44
 2-Fluorobiphenyl
 Concen: 68.66 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF087330.D
 Acq: 24 May 2016 8:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.3	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: 5.88 ng

RT: 12.11 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF087330.D

Acq: 24 May 2016 8:25

Instrument :

BNA_F

ClientSampleId :

SB-22-COMP

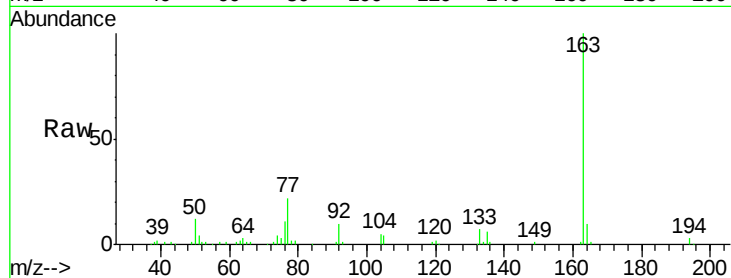
Tgt Ion:163 Resp: 129771

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

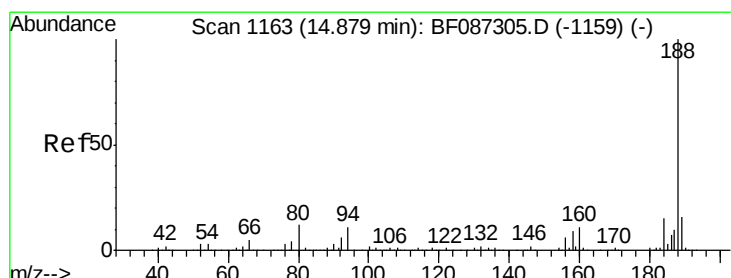
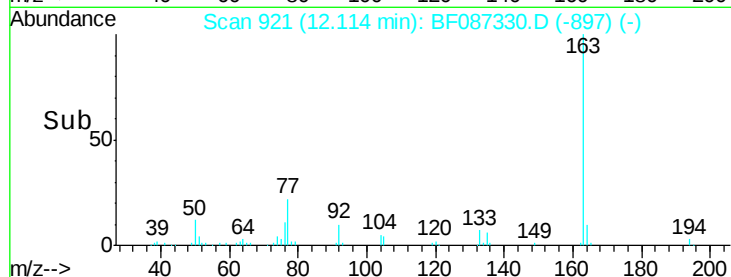
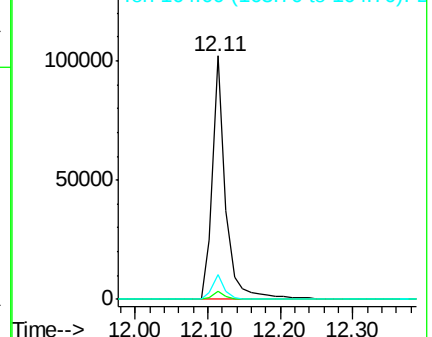
164 9.9 8.2 12.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF087330.D

Acq: 24 May 2016 8:25

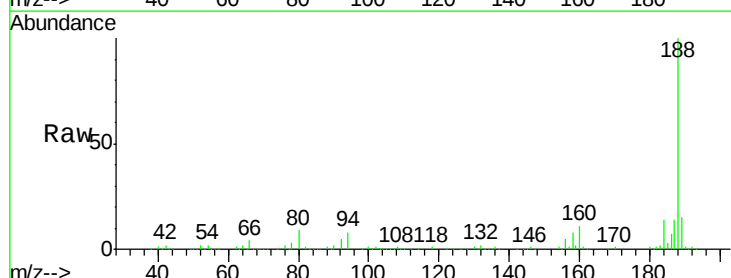
Tgt Ion:188 Resp: 508265

Ion Ratio Lower Upper

188 100

94 7.9 6.8 10.2

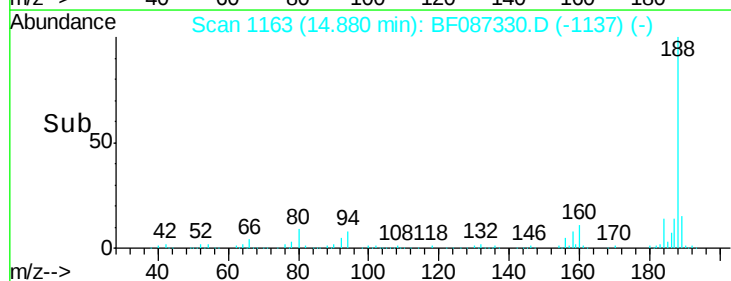
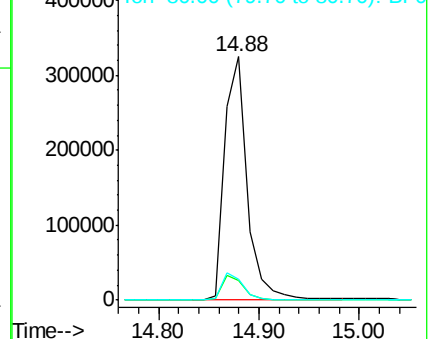
80 8.8 7.1 10.7



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.56 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BF087330.D

Acq: 24 May 2016 8:25

Instrument :

BNA_F

ClientSampleId :

SB-22-COMP

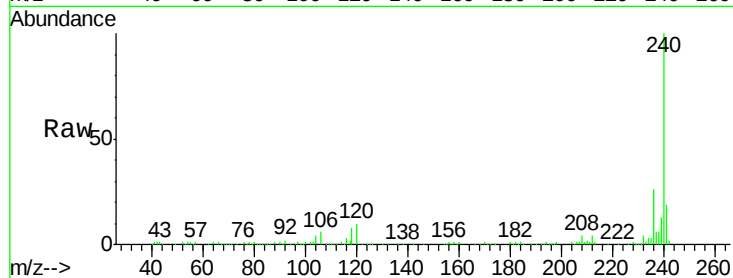
Tgt Ion:240 Resp: 383468

Ion Ratio Lower Upper

240 100

120 9.5 11.2 16.8#

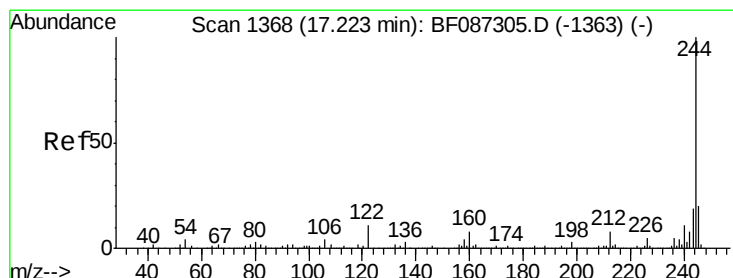
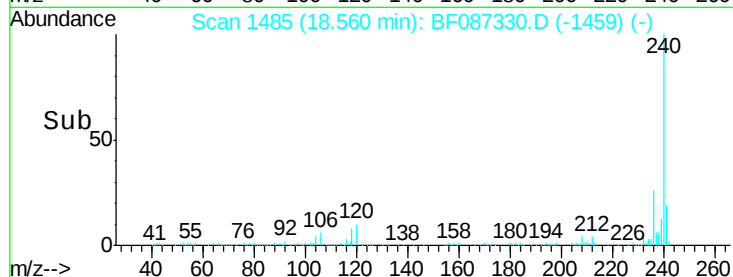
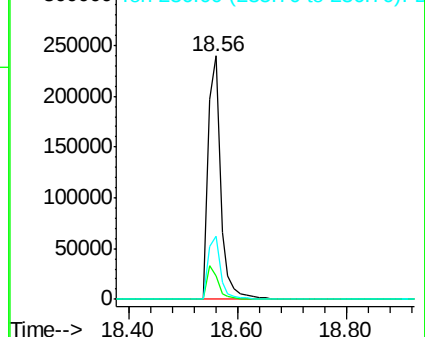
236 26.2 21.2 31.8



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: 64.28 ng

RT: 17.21 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF087330.D

Acq: 24 May 2016 8:25

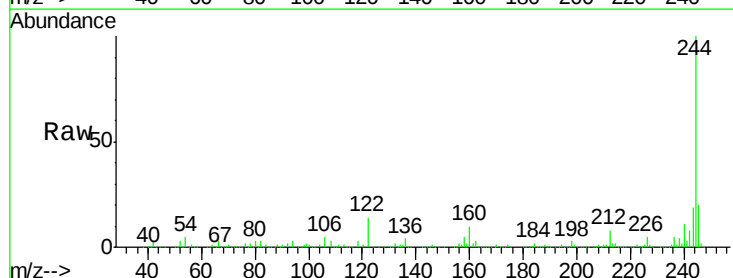
Tgt Ion:244 Resp: 1159419

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

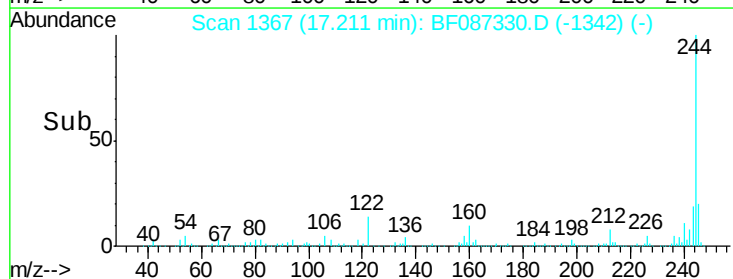
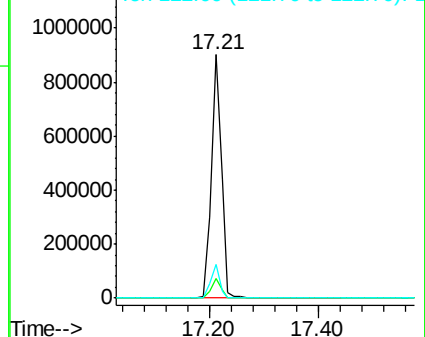
122 13.9 12.0 18.0

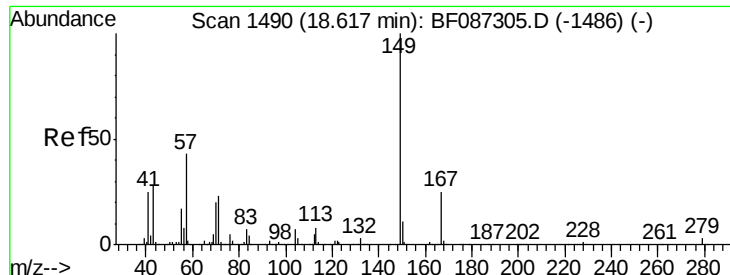


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

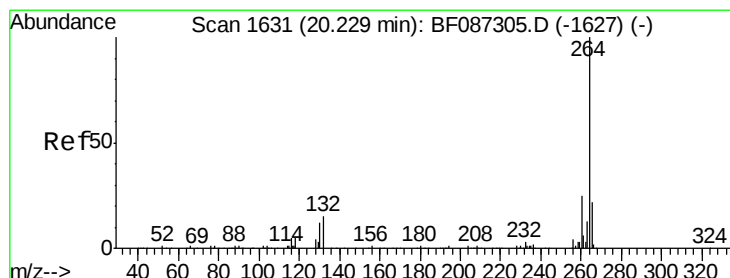
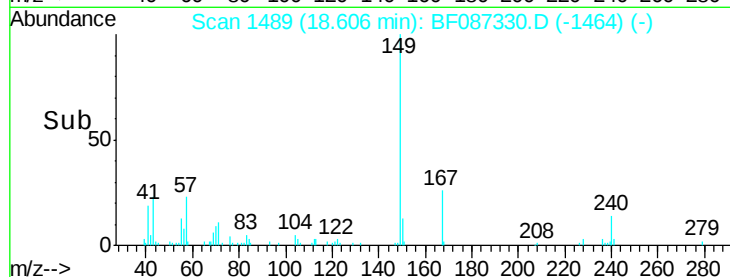
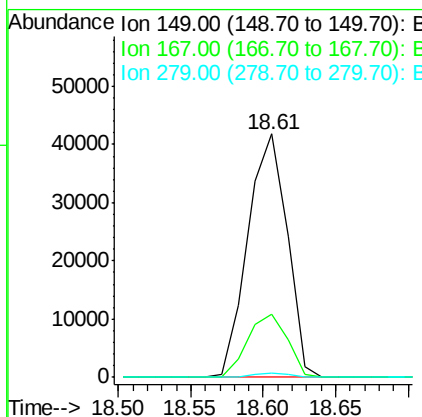
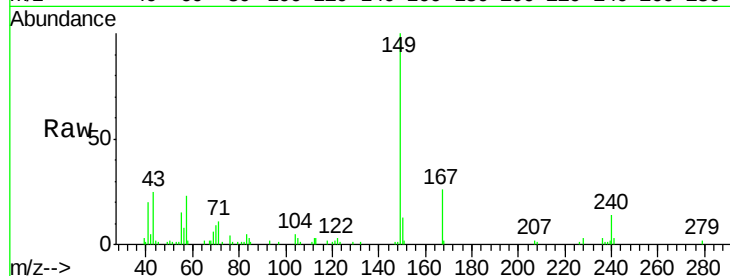




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.40 ng
 RT: 18.61 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BF087330.D
 Acq: 24 May 2016 8:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMP

Tgt Ion:149 Resp: 78544
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.8 32.6
 279 1.8 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: BF087330.D
 Acq: 24 May 2016 8:25

Tgt Ion:264 Resp: 282865
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.3 17.3 25.9

