

Data Path : Z:\HPCHEM1\BNA F\Data\BF052716\
 Data File : BF087444.D
 Acq On : 27 May 2016 15:37
 Operator : UM/SJ
 Sample : H3240-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 27 17:51:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 17:03:59 2016
 Response via : Initial Calibration

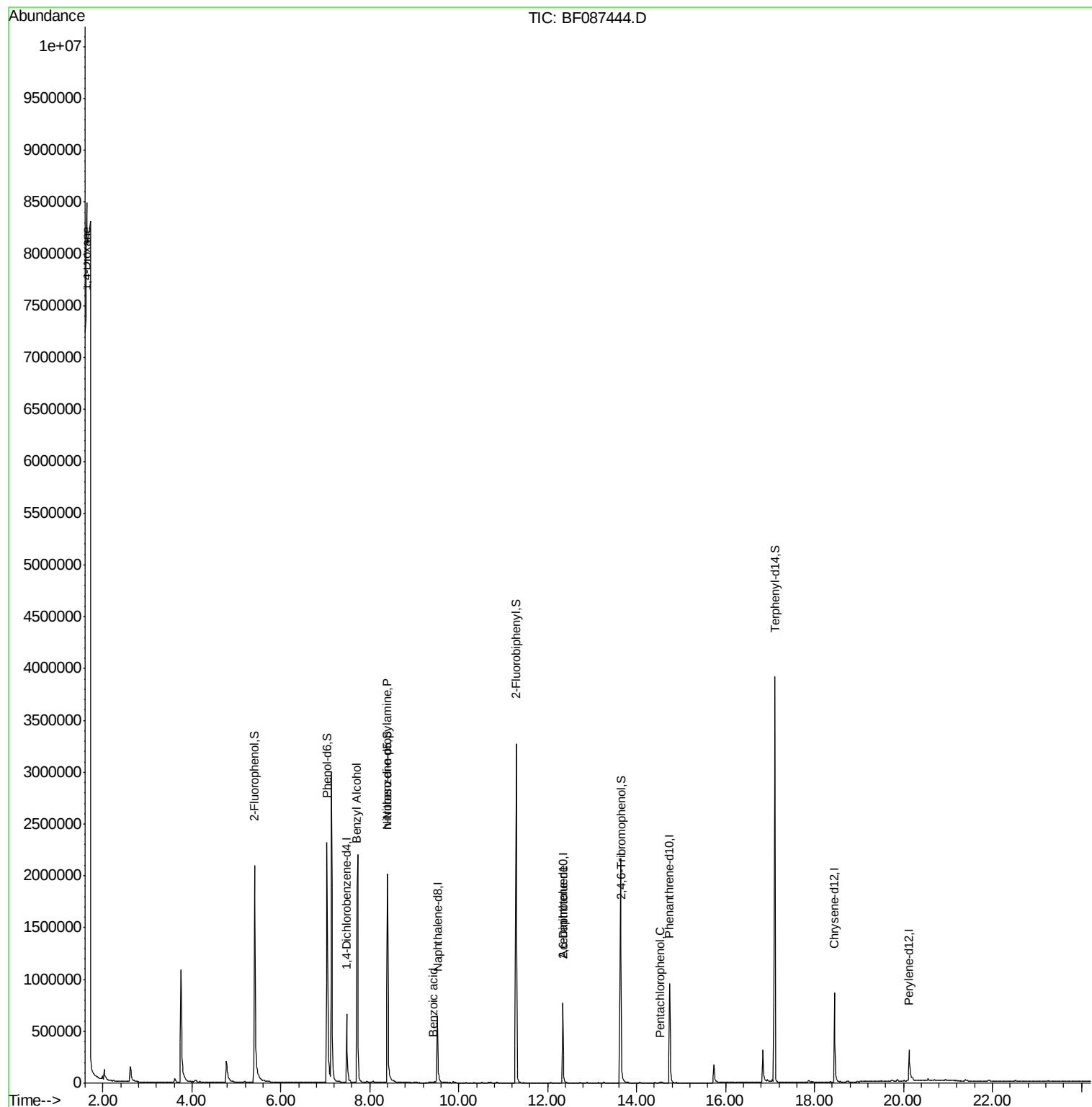
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	120563	20.00	ng	0.00
21) Naphthalene-d8	9.52	136	505476	20.00	ng	0.00
38) Acenaphthene-d10	12.34	164	230628	20.00	ng	-0.01
63) Phenanthrene-d10	14.74	188	478559	20.00	ng	-0.01
75) Chrysene-d12	18.45	240	402231	20.00	ng	-0.01
86) Perylene-d12	20.13	264	123258	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	965580	140.73	ng	0.02
7) Phenol-d6	7.04	99	1178060	127.07	ng	-0.01
23) Nitrobenzene-d5	8.40	82	911830	90.91	ng	-0.02
41) 2,4,6-Tribromophenol	13.65	330	370384	167.12	ng	0.00
44) 2-Fluorobiphenyl	11.29	172	1581816	96.69	ng	-0.01
78) Terphenyl-d14	17.11	244	1667397	88.13	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.63	88	66311	18.32	ng	# 22
15) Benzyl Alcohol	7.71	79	16110	2.38	ng	# 47
19) n-Nitroso-di-n-propylamine	8.40	70	126591	18.31	ng	# 74
32) Benzoic acid	9.42	122	7512	7.53	ng	# 78
50) 2,6-Dinitrotoluene	12.34	165	28015	7.53	ng	# 21
69) Pentachlorophenol	14.53	266	3693	8.18	ng	93

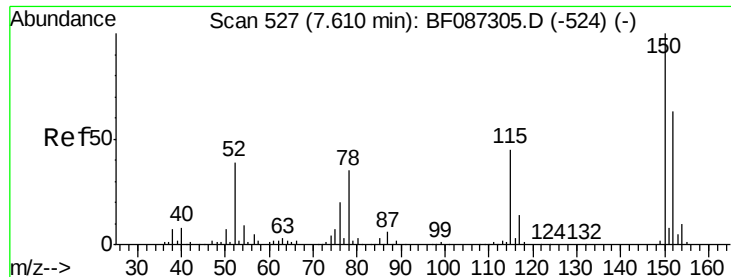
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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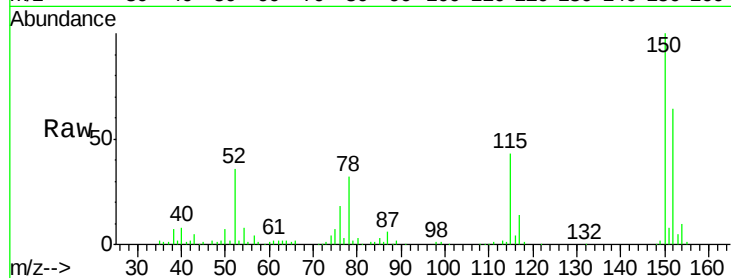


#1

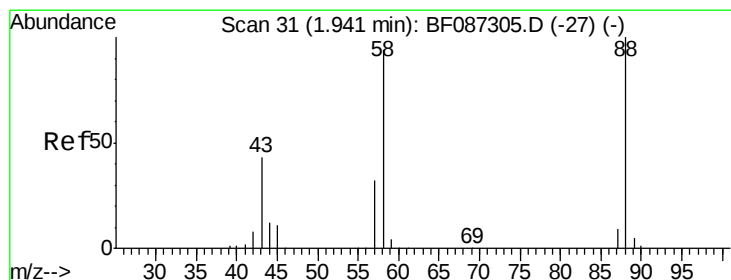
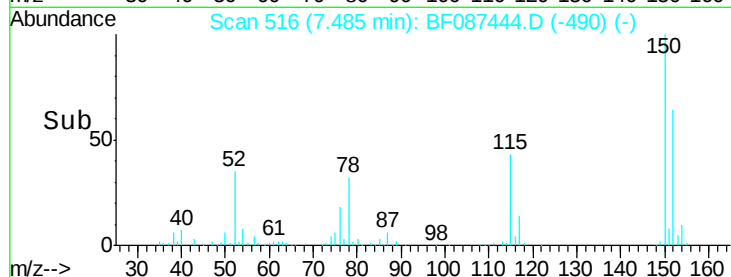
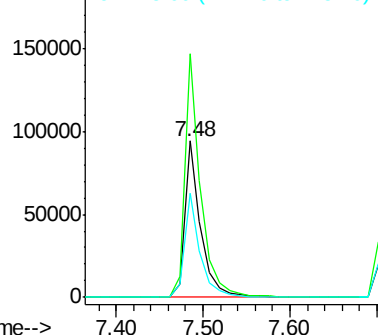
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF087444.D
Acq: 27 May 2016 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 120563
Ion Ratio Lower Upper
152 100
150 155.6 125.8 188.6
115 66.8 51.5 77.3



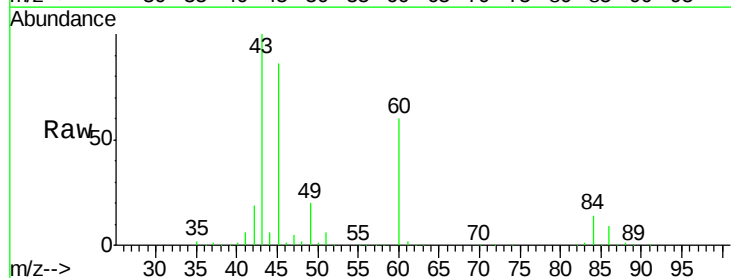
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



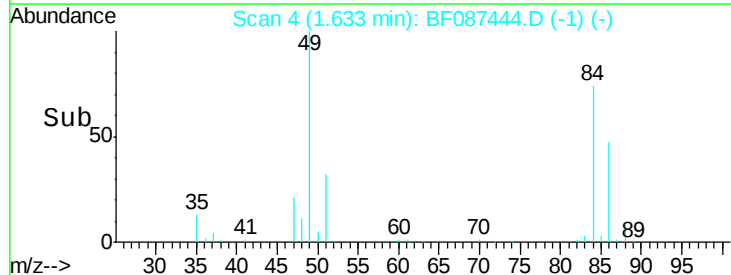
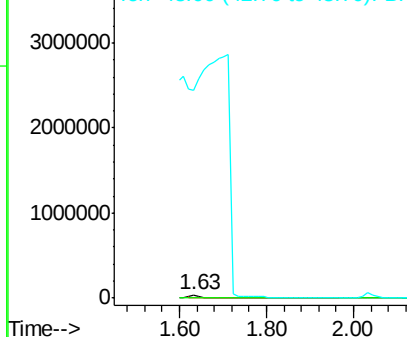
#2

1,4-Dioxane
Concen: 18.32 ng
RT: 1.63 min Scan# 4
Delta R.T. -0.15 min
Lab File: BF087444.D
Acq: 27 May 2016 15:37

Tgt Ion: 88 Resp: 66311
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: 140.73 ng

RT: 5.40 min Scan# 334

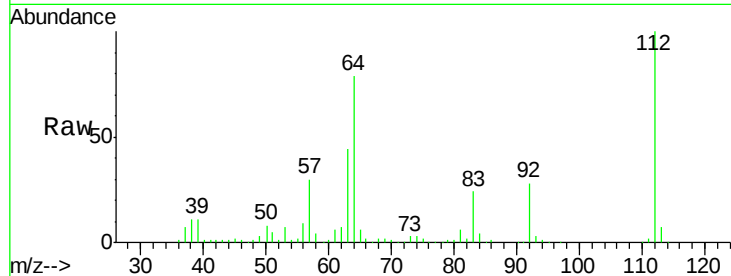
Delta R.T. 0.02 min

Lab File: BF087444.D

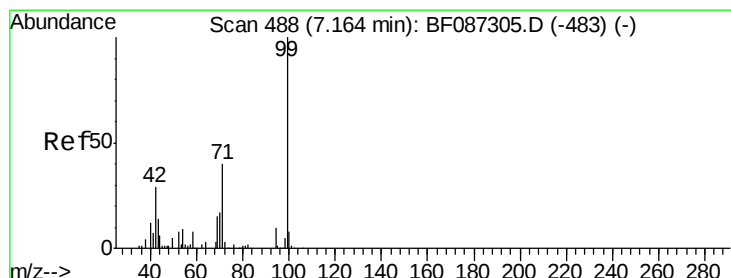
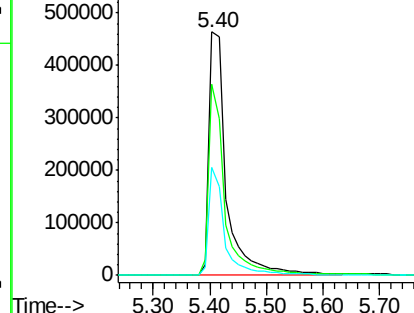
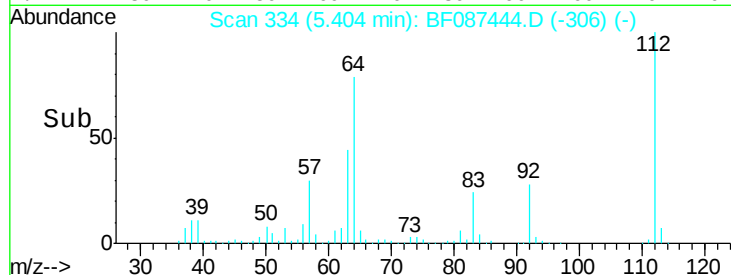
Acq: 27 May 2016 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:112 Resp: 965580
Ion Ratio Lower Upper
112 100
64 78.7 52.1 78.1#
63 44.3 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: 127.07 ng

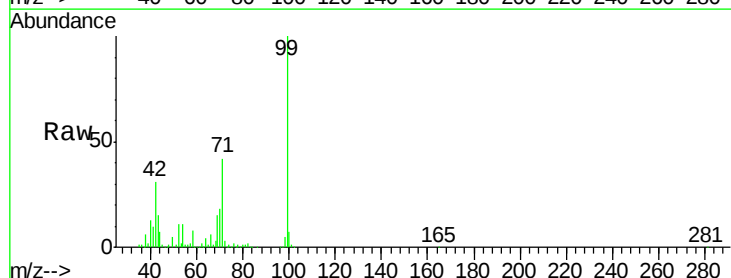
RT: 7.04 min Scan# 477

Delta R.T. -0.01 min

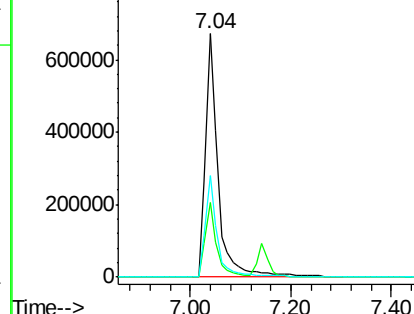
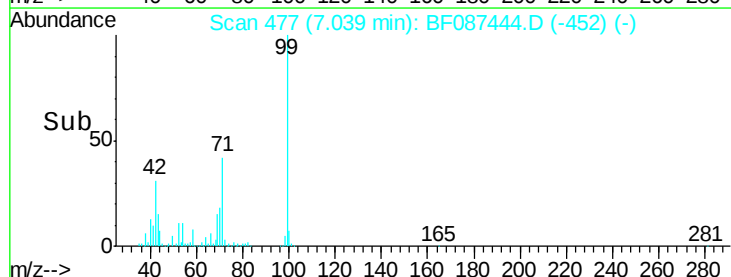
Lab File: BF087444.D

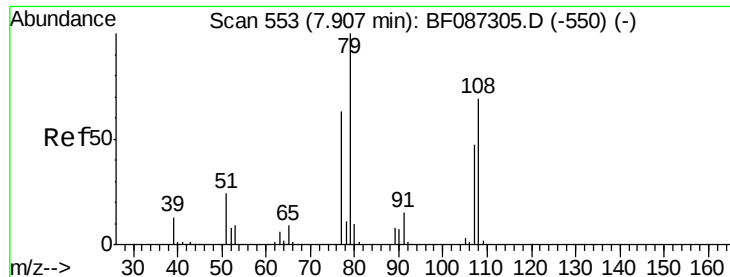
Acq: 27 May 2016 15:37

Tgt Ion: 99 Resp: 1178060
Ion Ratio Lower Upper
99 100
42 30.9 13.6 20.4#
71 41.9 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: 2.38 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.08 min

Lab File: BF087444.D

Acq: 27 May 2016 15:37

Instrument :

BNA_F

ClientSampleId :

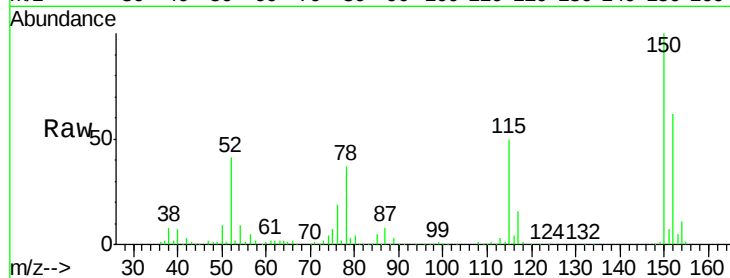
Tot Ion: 79 Resp: 16110

Ion Ratio Lower Upper

79 100

108 28.0 68.4 102.6#

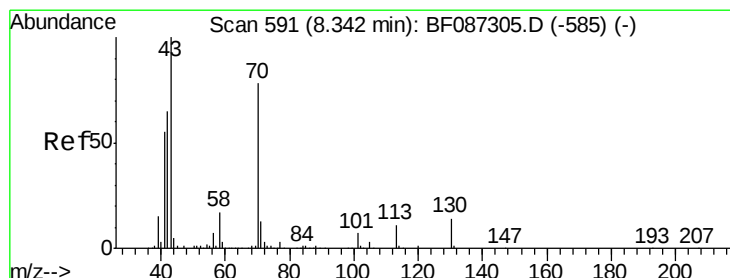
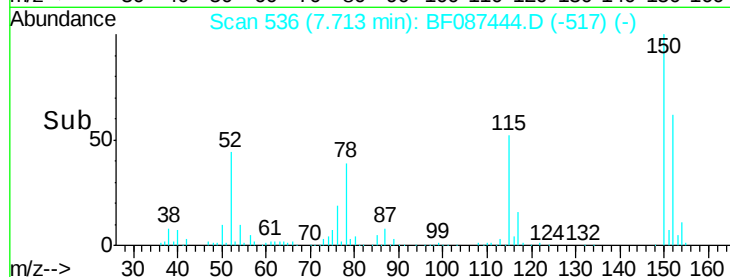
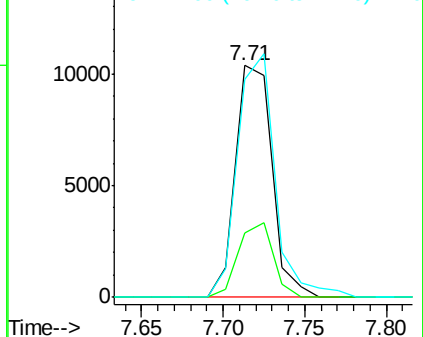
77 94.0 50.6 76.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 18.31 ng

RT: 8.40 min Scan# 596

Delta R.T. 0.17 min

Lab File: BF087444.D

Acq: 27 May 2016 15:37

Tgt Ion: 70 Resp: 126591

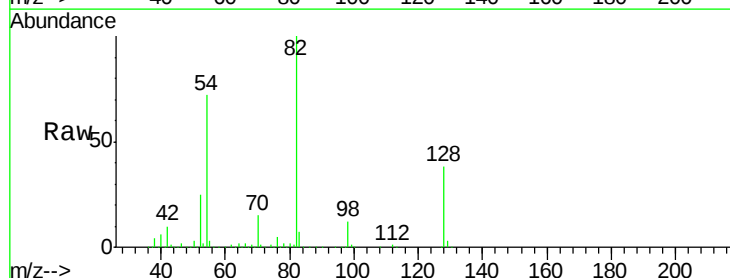
Ion Ratio Lower Upper

70 100

42 66.7 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

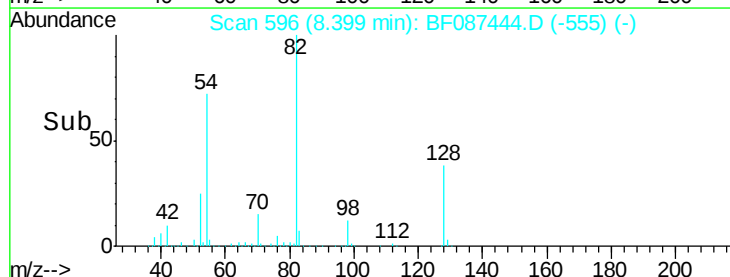
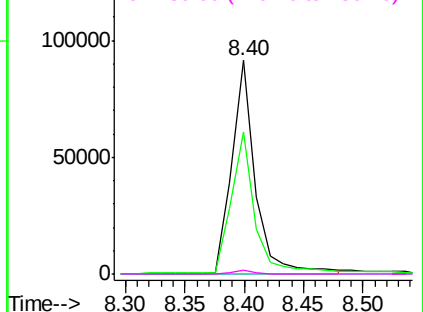


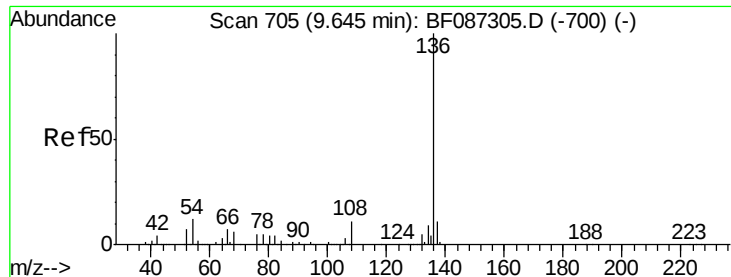
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.52 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF087444.D

Acq: 27 May 2016 15:37

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 505476

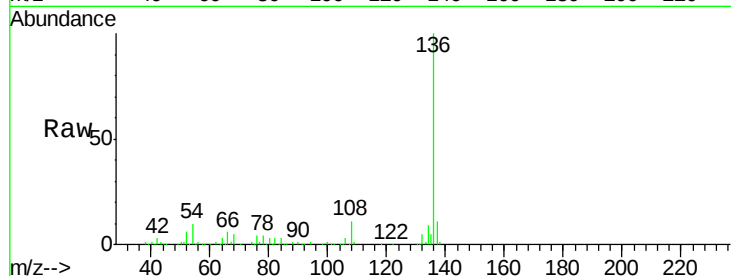
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 10.0 5.0 7.4#

68 5.0 4.4 6.6

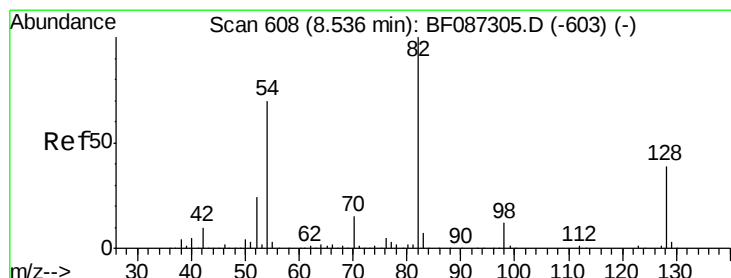
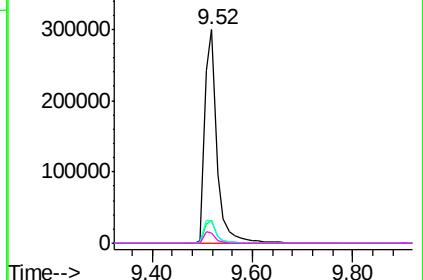
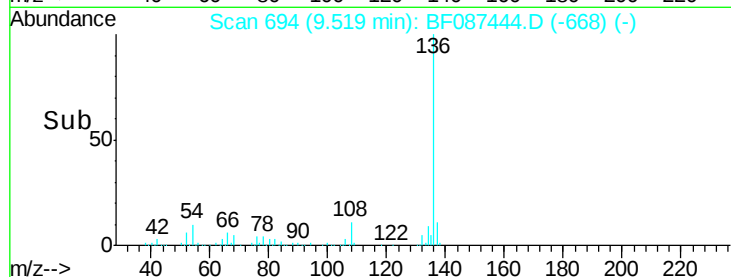


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.91 ng

RT: 8.40 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF087444.D

Acq: 27 May 2016 15:37

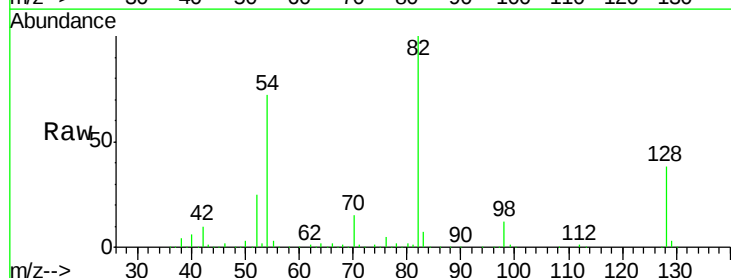
Tgt Ion: 82 Resp: 911830

Ion Ratio Lower Upper

82 100

128 38.3 40.6 61.0#

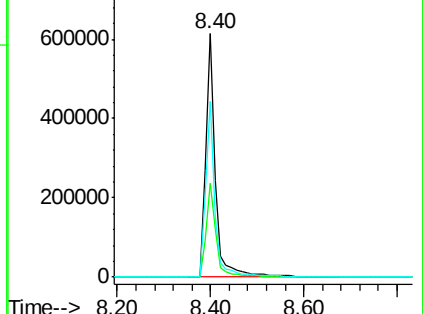
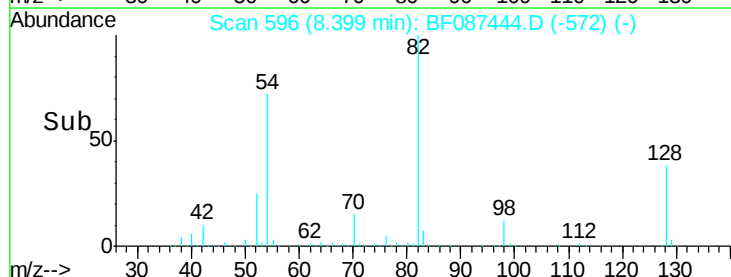
54 72.0 38.1 57.1#

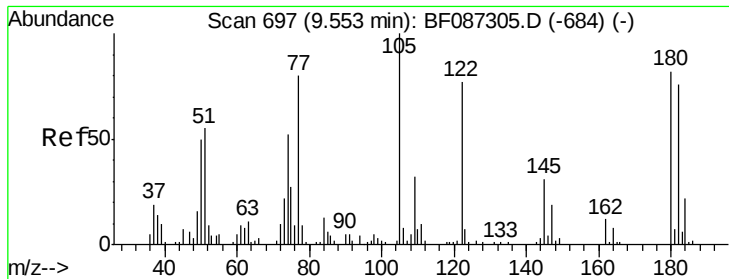


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

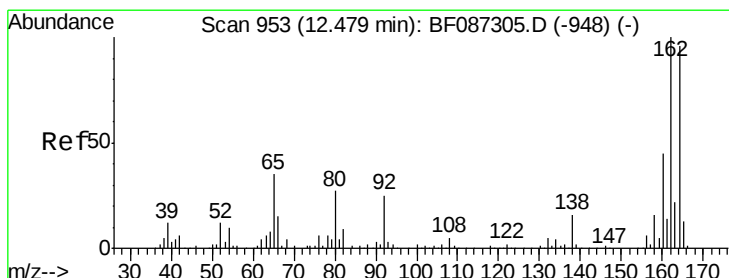
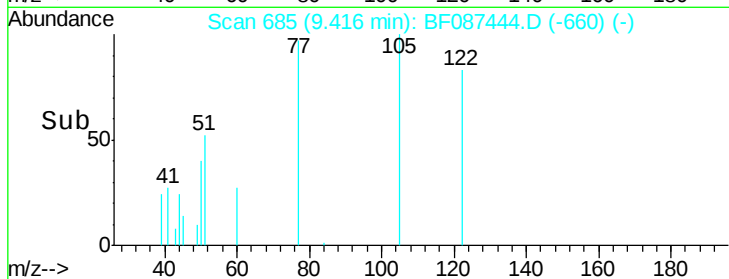
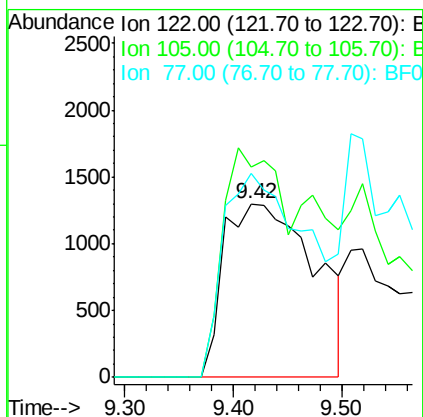
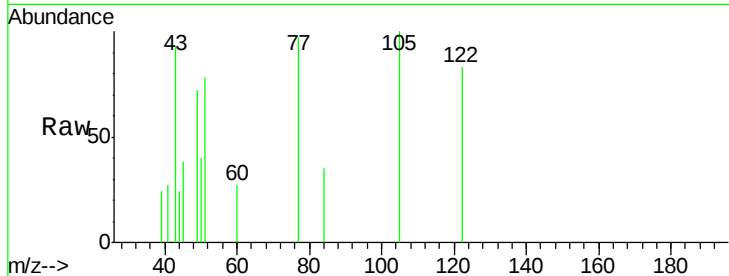




#32
Benzoic acid
Concen: 7.53 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF087444.D
Acq: 27 May 2016 15:37

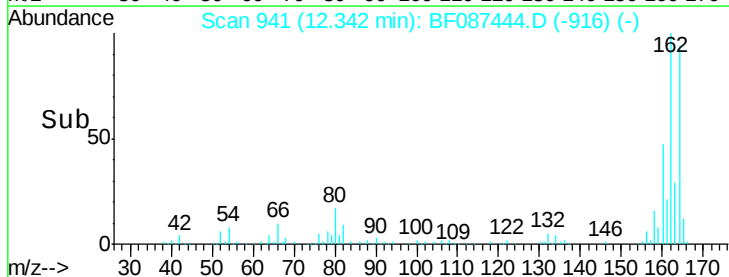
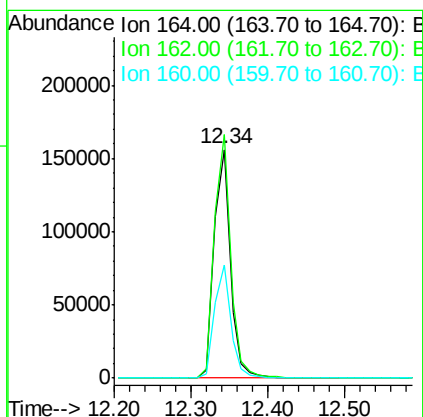
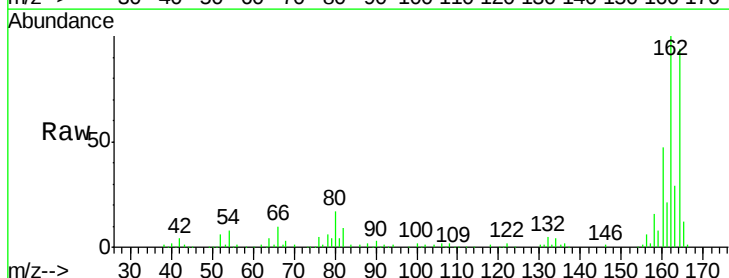
Instrument :
BNA_F
ClientSampled :

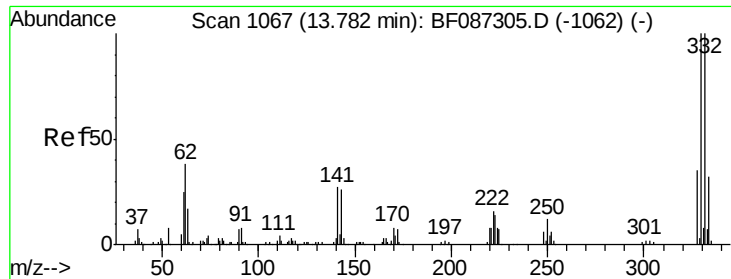
Tot Ion:122 Resp: 7512
Ion Ratio Lower Upper
122 100
105 121.0 92.6 132.6
77 117.3 60.0 100.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.34 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF087444.D
Acq: 27 May 2016 15:37

Tgt Ion:164 Resp: 230628
Ion Ratio Lower Upper
164 100
162 106.5 82.8 124.2
160 49.7 36.9 55.3

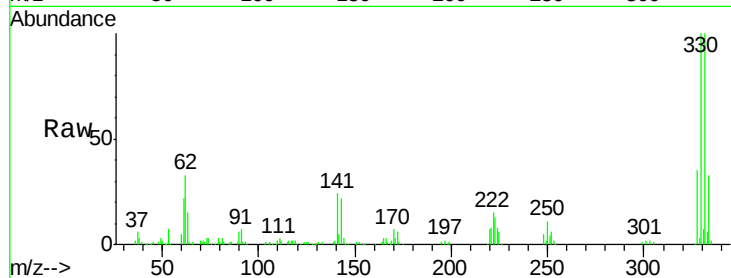




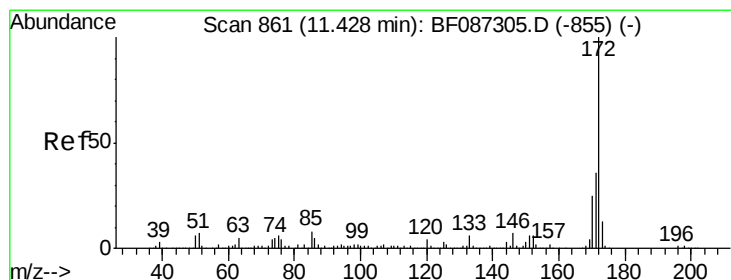
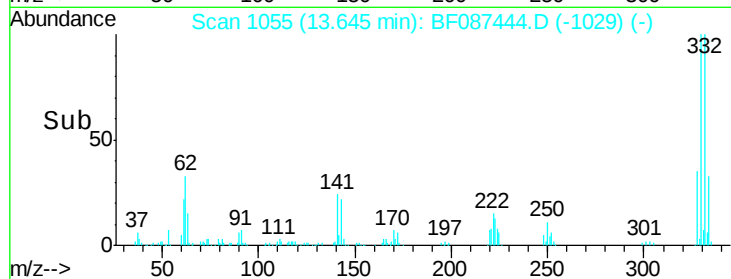
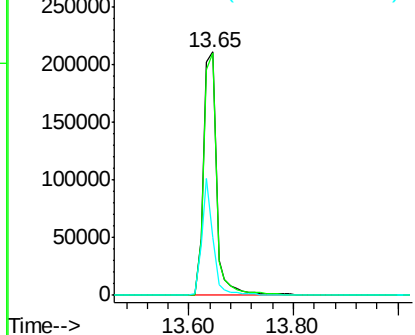
#41
 2,4,6-Tribromophenol
 Concen: 167.12 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BF087444.D
 Acq: 27 May 2016 15:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	79.0	118.4
141	41.5	31.2	46.8

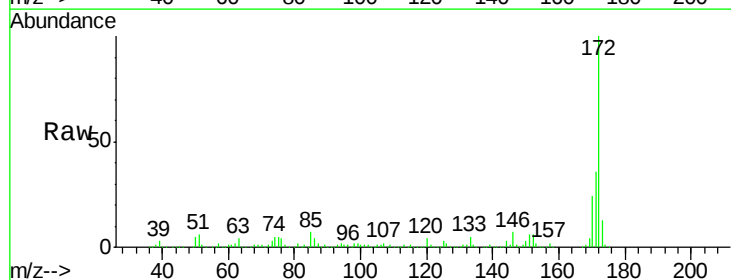


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

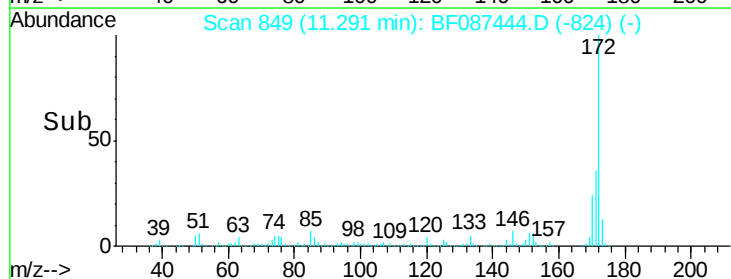
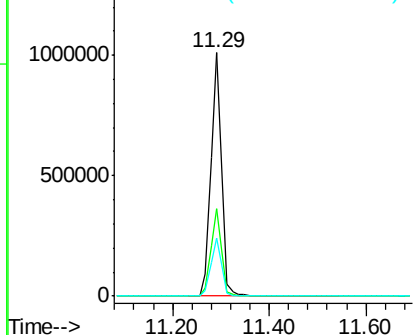


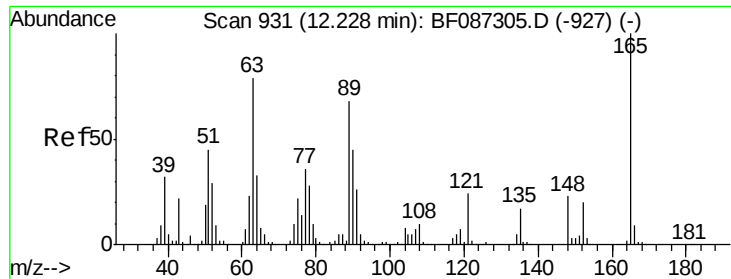
#44
 2-Fluorobiphenyl
 Concen: 96.69 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BF087444.D
 Acq: 27 May 2016 15:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.1	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

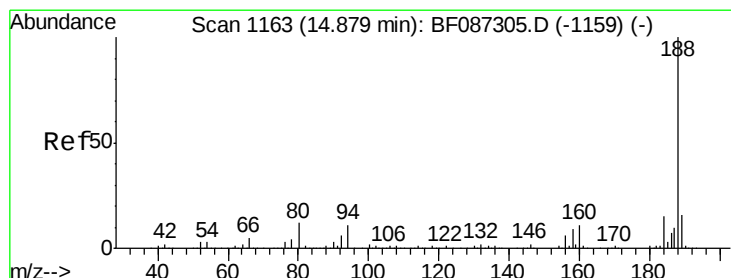
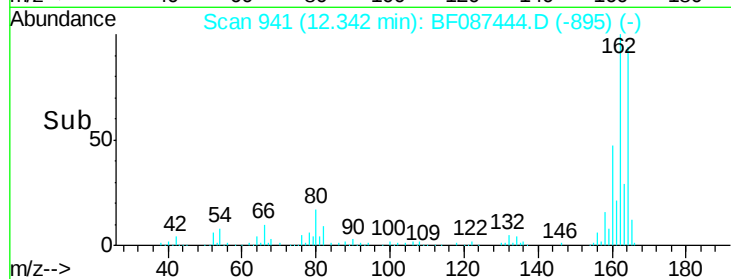
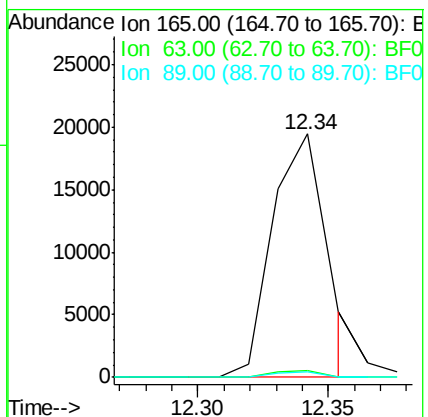
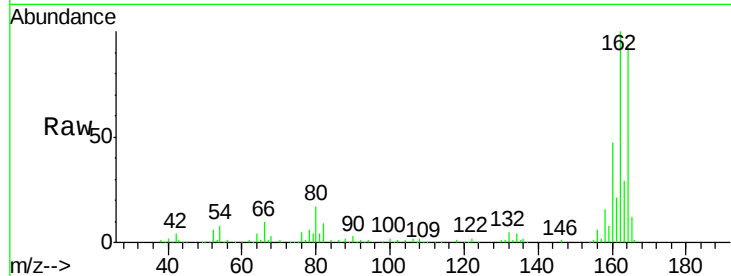




#50
 2,6-Dinitrotoluene
 Concen: 7.53 ng
 RT: 12.34 min Scan# 941
 Delta R.T. 0.23 min
 Lab File: BF087444.D
 Acq: 27 May 2016 15:37

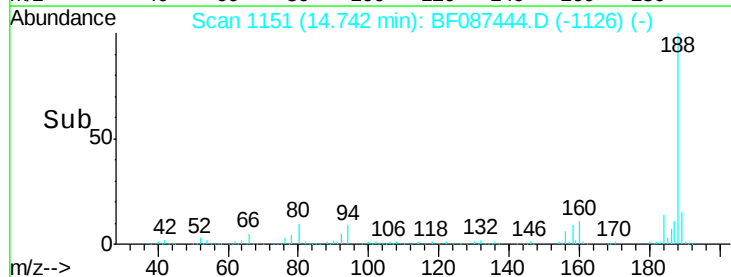
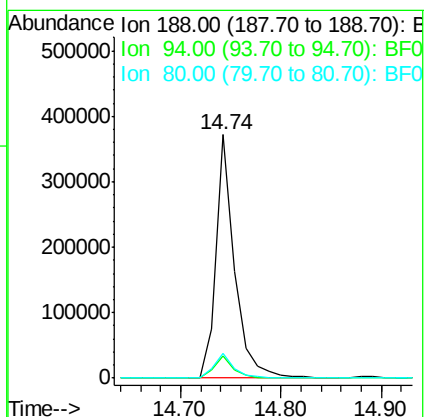
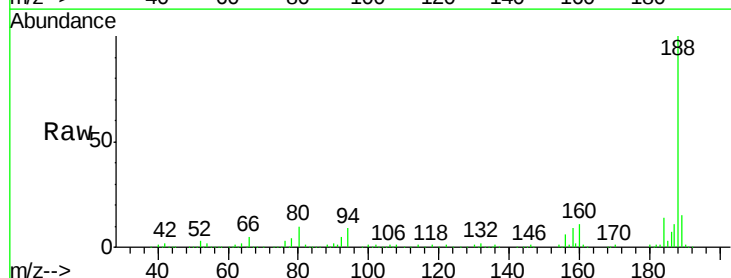
Instrument :
 BNA_F
 ClientSampled :

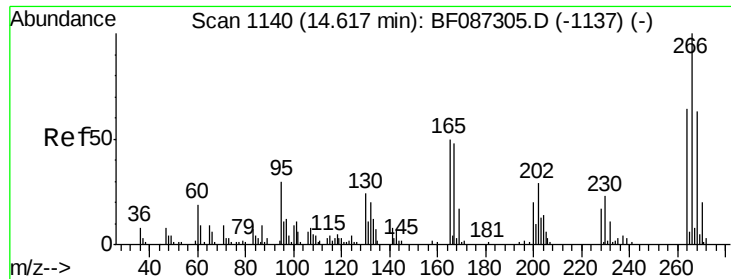
Tot Ion:165 Resp: 28015
 Ion Ratio Lower Upper
 165 100
 63 2.6 51.8 77.8#
 89 2.4 50.7 76.1#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF087444.D
 Acq: 27 May 2016 15:37

Tgt Ion:188 Resp: 478559
 Ion Ratio Lower Upper
 188 100
 94 9.4 6.8 10.2
 80 10.2 7.1 10.7

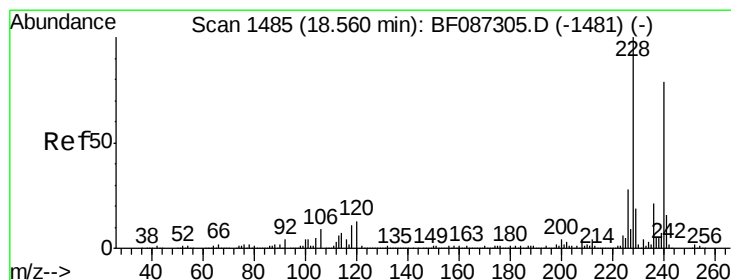
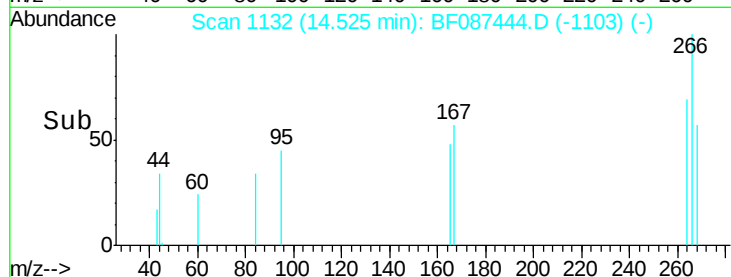
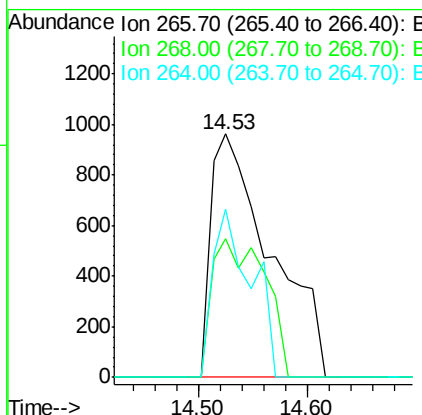
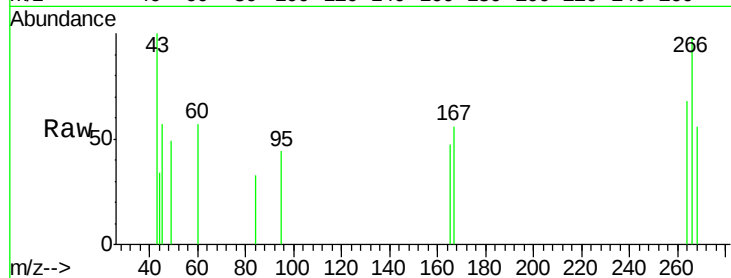




#69
 Pentachlorophenol
 Concen: 8.18 ng
 RT: 14.53 min Scan# 1132
 Delta R.T. 0.03 min
 Lab File: BF087444.D
 Acq: 27 May 2016 15:37

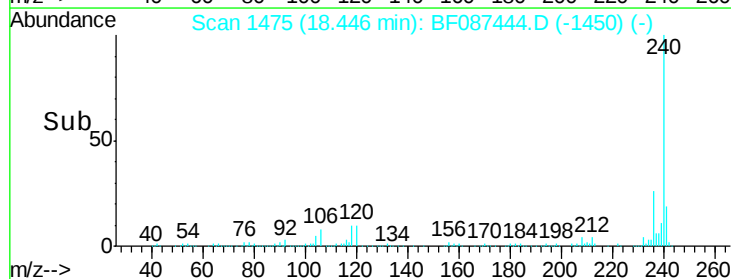
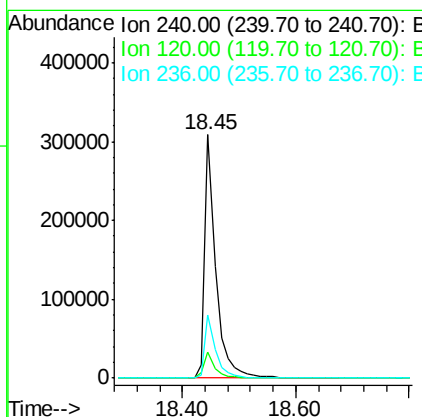
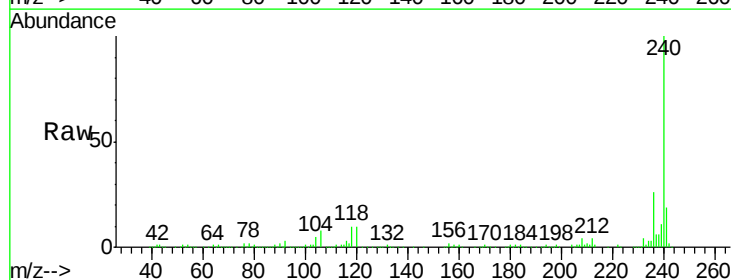
Instrument :
 BNA_F
 ClientSampled :

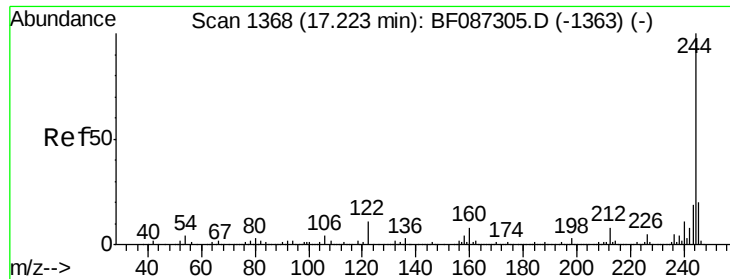
Tot Ion:266 Resp: 3693
 Ion Ratio Lower Upper
 266 100
 268 56.9 51.5 77.3
 264 69.1 52.9 79.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.45 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF087444.D
 Acq: 27 May 2016 15:37

Tgt Ion:240 Resp: 402231
 Ion Ratio Lower Upper
 240 100
 120 10.4 11.2 16.8#
 236 25.8 21.2 31.8

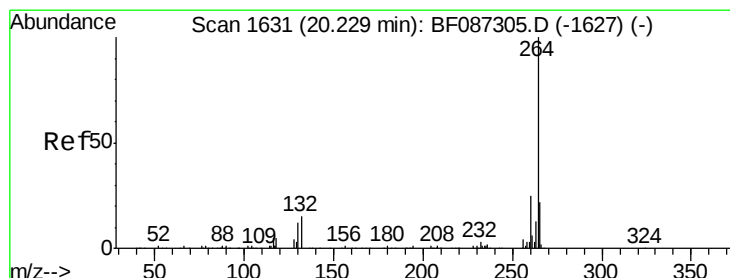
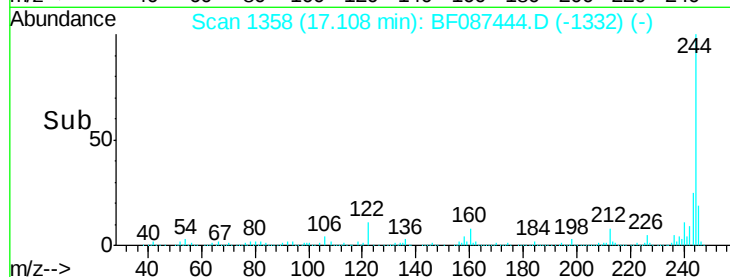
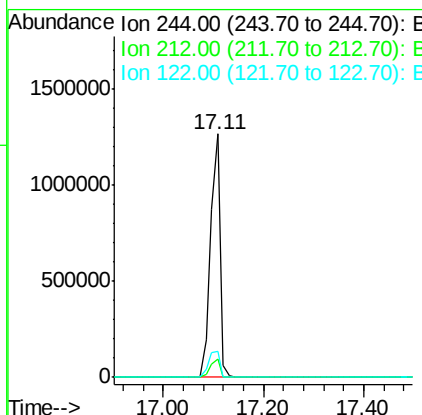
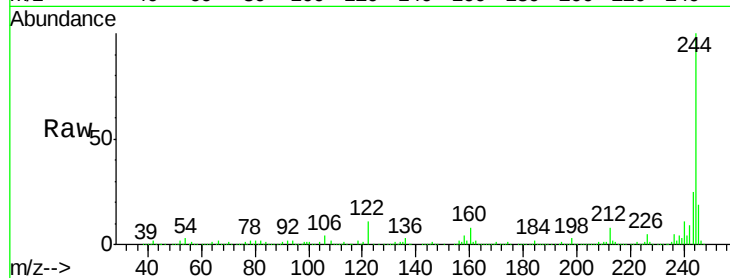




#78
 Terphenyl-d14
 Concen: 88.13 ng
 RT: 17.11 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF087444.D
 Acq: 27 May 2016 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1667397
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 10.5 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.13 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF087444.D
 Acq: 27 May 2016 15:37

Tgt Ion:264 Resp: 123258
 Ion Ratio Lower Upper
 264 100
 260 28.0 19.5 29.3
 265 20.8 17.3 25.9

