

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
 Data File : BF087383.D
 Acq On : 25 May 2016 21:19
 Operator : UM/SJ
 Sample : H3238-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1605104335

Quant Time: May 25 22:32:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

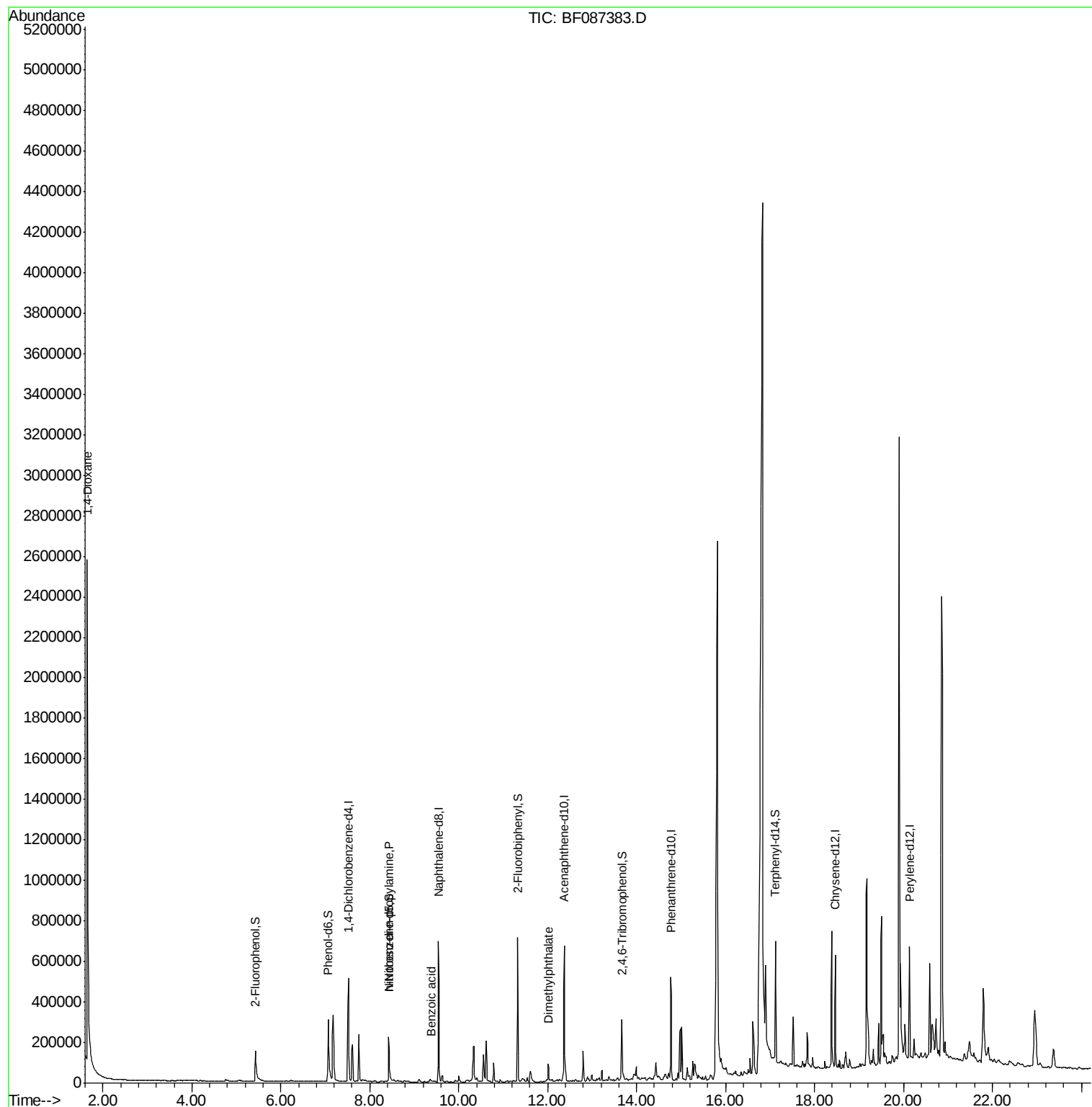
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	109660	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	426424	20.00	ng	-0.01
38) Acenaphthene-d10	12.38	164	178296	20.00	ng	-0.01
63) Phenanthrene-d10	14.77	188	277063	20.00	ng	-0.01
75) Chrysene-d12	18.47	240	237679	20.00	ng	-0.01
86) Perylene-d12	20.14	264	176104	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	91069	14.59	ng	0.01
7) Phenol-d6	7.06	99	183198	21.72	ng	-0.01
23) Nitrobenzene-d5	8.42	82	116333	13.75	ng	-0.02
41) 2,4,6-Tribromophenol	13.67	330	47411	27.67	ng	-0.01
44) 2-Fluorobiphenyl	11.32	172	265335	20.98	ng	-0.01
78) Terphenyl-d14	17.12	244	224499	20.08	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.64	88	81987	24.90	ng	# 24
19) n-Nitroso-di-n-propylamine	8.42	70	16040	2.55	ng	# 66
32) Benzoic acid	9.39	122	2032	6.37	ng	# 70
49) Dimethylphthalate	12.02	163	46854	3.28	ng	98

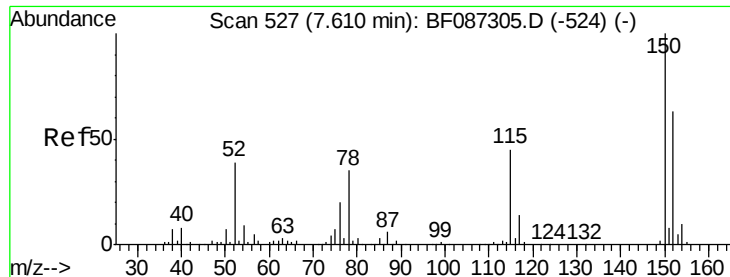
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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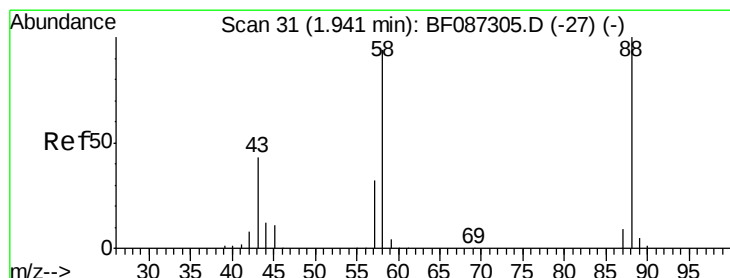
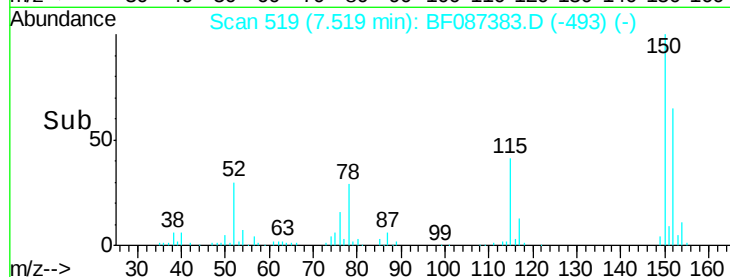
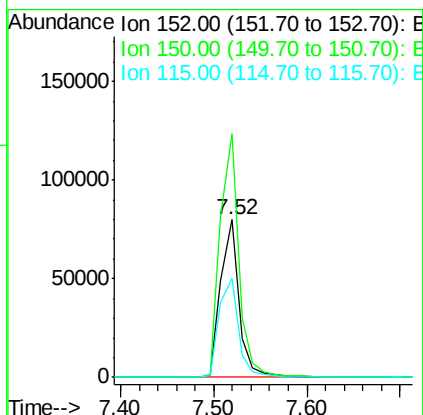
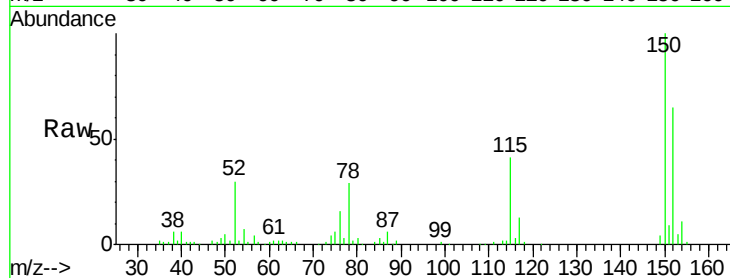


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF087383.D
Acq: 25 May 2016 21:19

Instrument :
BNA_F
ClientSampleId :
1605104335

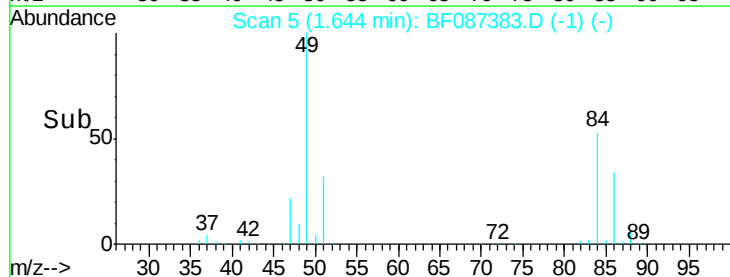
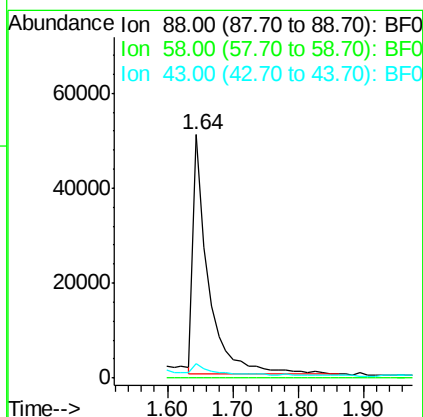
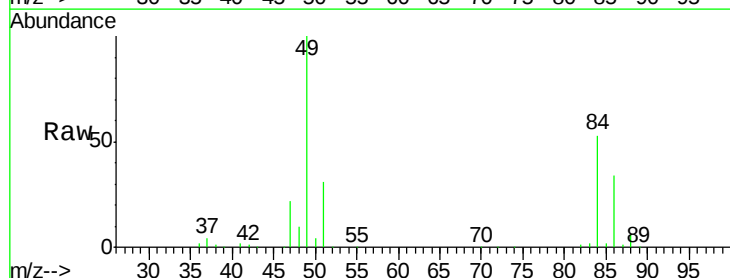
Tgt Ion:152 Resp: 109660
Ion Ratio Lower Upper
152 100
150 154.3 125.8 188.6
115 62.8 51.5 77.3

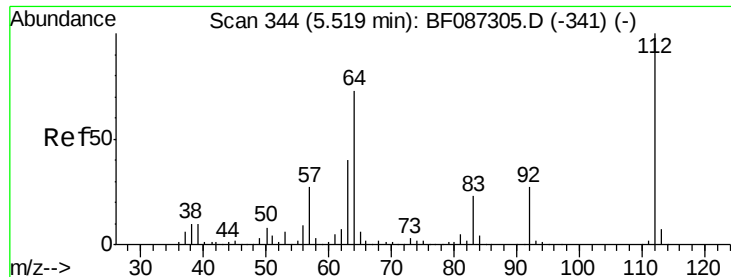


#2

1,4-Dioxane
Concen: 24.90 ng
RT: 1.64 min Scan# 5
Delta R.T. -0.17 min
Lab File: BF087383.D
Acq: 25 May 2016 21:19

Tgt Ion: 88 Resp: 81987
Ion Ratio Lower Upper
88 100
58 0.0 59.6 89.4#
43 4.1 21.8 32.6#





#5

2-Fluorophenol

Concen: 14.59 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF087383.D

Acq: 25 May 2016 21:19

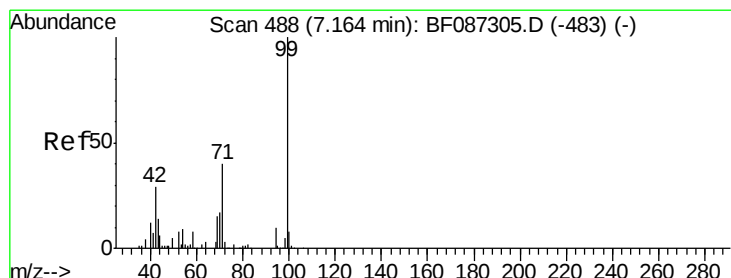
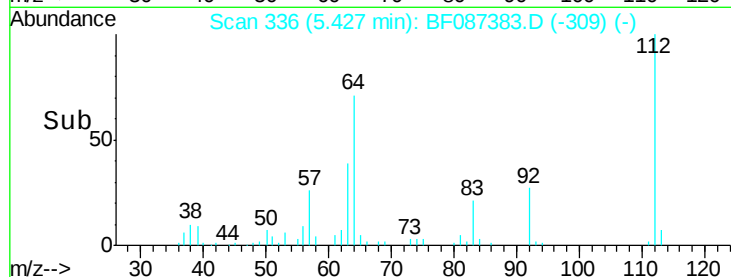
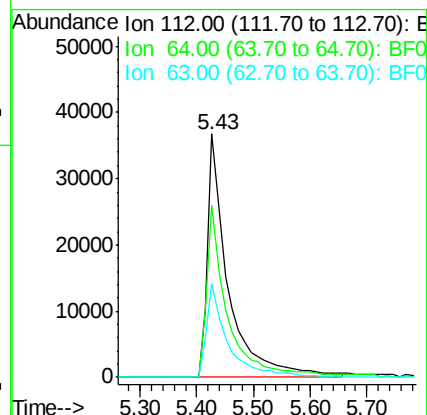
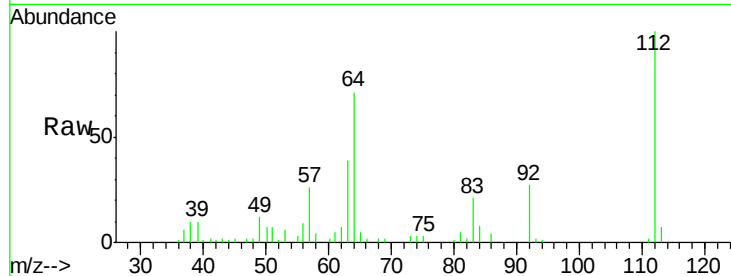
Instrument :

BNA_F

ClientSampleId :

1605104335

Tgt Ion:	112	Resp:	91069
Ion	Ratio	Lower	Upper
112	100		
64	70.9	52.1	78.1
63	38.6	25.7	38.5#



#7

Phenol-d6

Concen: 21.72 ng

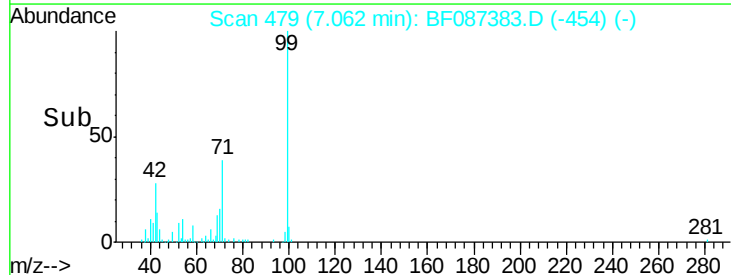
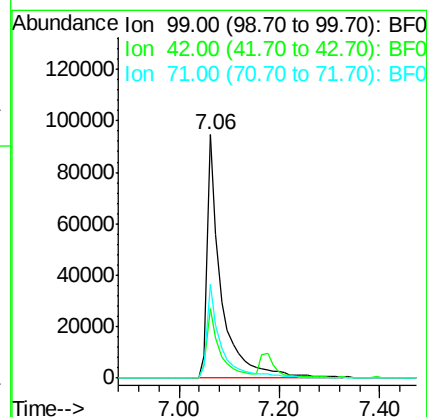
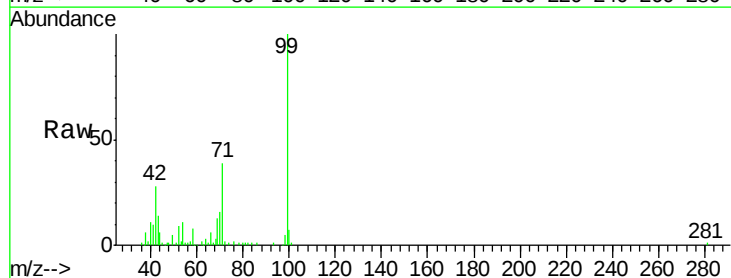
RT: 7.06 min Scan# 479

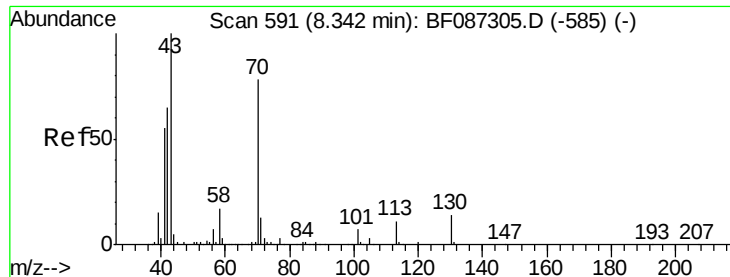
Delta R.T. -0.01 min

Lab File: BF087383.D

Acq: 25 May 2016 21:19

Tgt Ion:	99	Resp:	183198
Ion	Ratio	Lower	Upper
99	100		
42	28.4	13.6	20.4#
71	38.8	24.6	36.8#

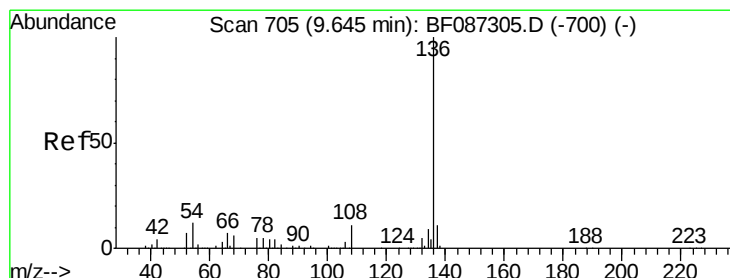
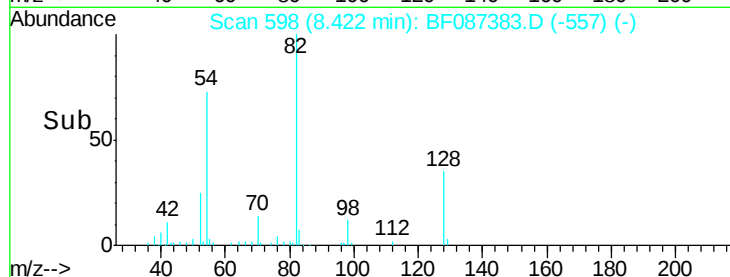
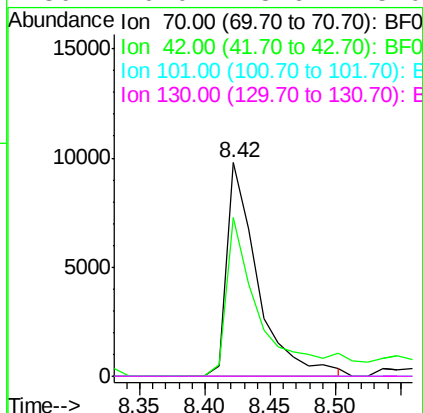
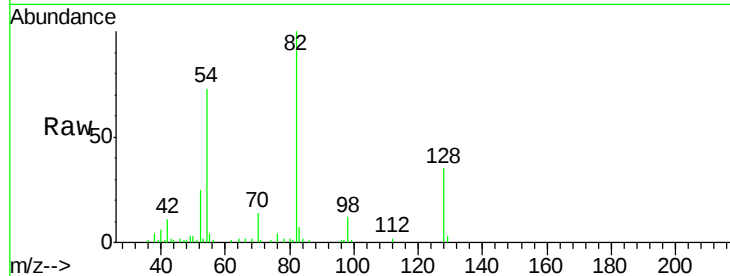




#19
n-Nitroso-di-n-propylamine
Concen: 2.55 ng
RT: 8.42 min Scan# 598
Delta R.T. 0.17 min
Lab File: BF087383.D
Acq: 25 May 2016 21:19

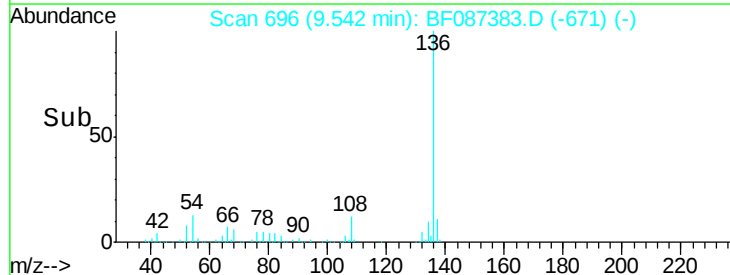
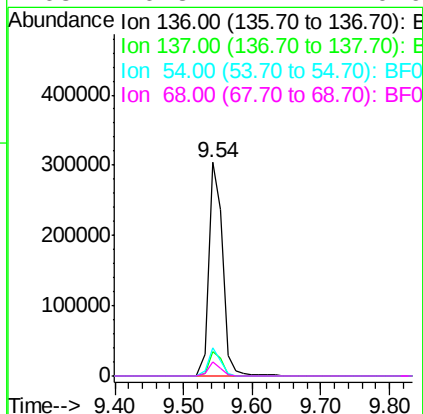
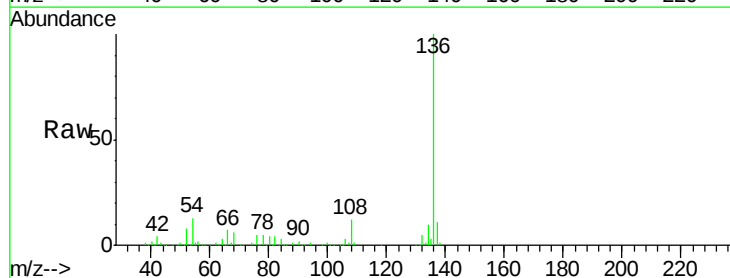
Instrument :
BNA_F
ClientSampleId :
1605104335

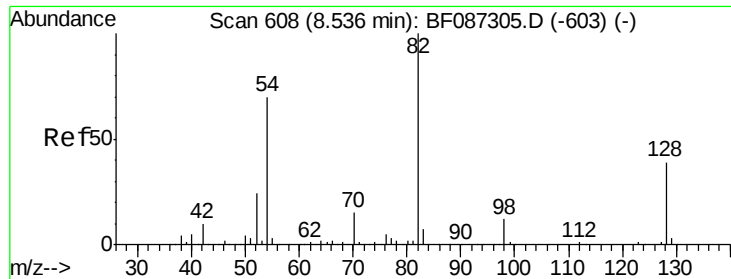
Tgt Ion: 70 Resp: 16040
Ion Ratio Lower Upper
70 100
42 74.4 43.1 64.7#
101 0.0 8.1 12.1#
130 0.0 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF087383.D
Acq: 25 May 2016 21:19

Tgt Ion: 136 Resp: 426424
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 13.1 5.0 7.4#
68 6.3 4.4 6.6

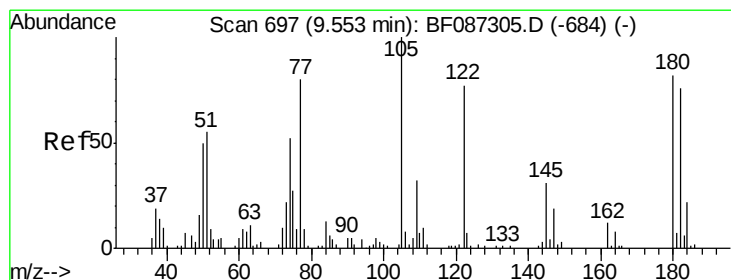
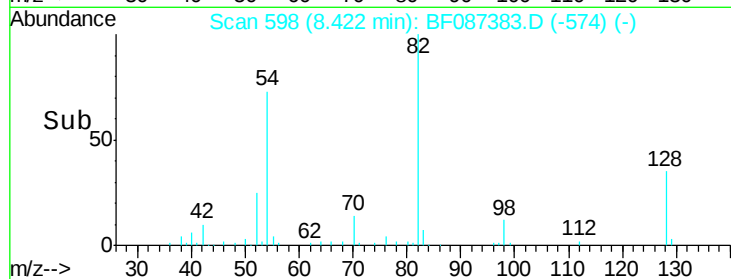
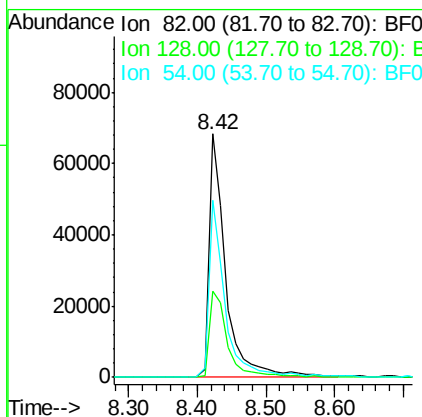
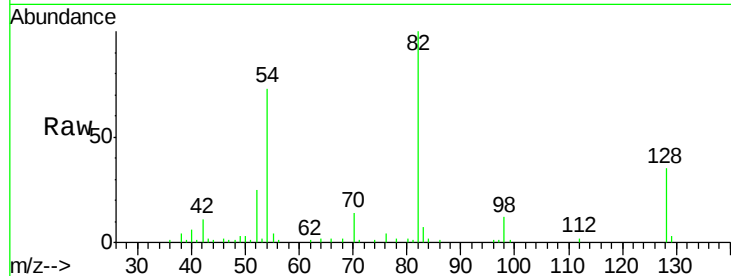




#23
 Nitrobenzene-d5
 Concen: 13.75 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF087383.D
 Acq: 25 May 2016 21:19

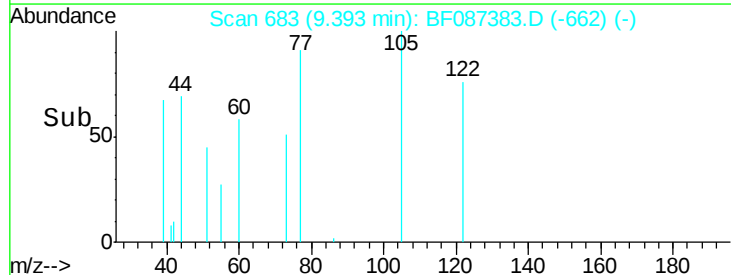
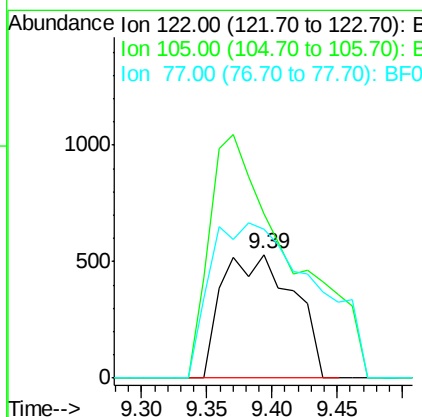
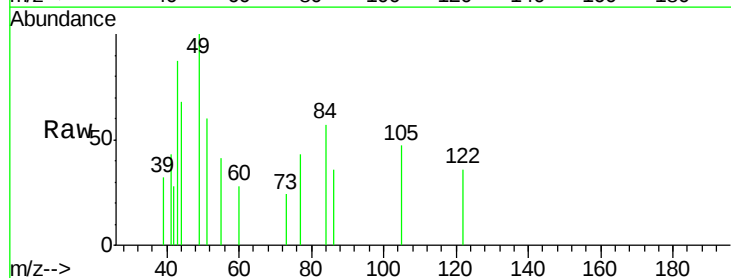
Instrument :
 BNA_F
 ClientSampleId :
 1605104335

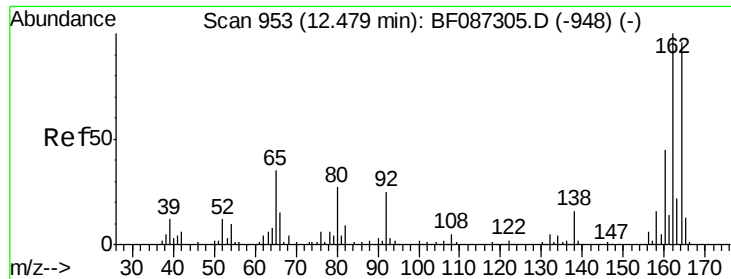
Tgt Ion: 82 Resp: 116333
 Ion Ratio Lower Upper
 82 100
 128 35.2 40.6 61.0#
 54 72.6 38.1 57.1#



#32
 Benzoic acid
 Concen: 6.37 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.06 min
 Lab File: BF087383.D
 Acq: 25 May 2016 21:19

Tgt Ion: 122 Resp: 2032
 Ion Ratio Lower Upper
 122 100
 105 132.4 92.6 132.6
 77 120.7 60.0 100.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF087383.D

Acq: 25 May 2016 21:19

Instrument :

BNA_F

ClientSampleId :

1605104335

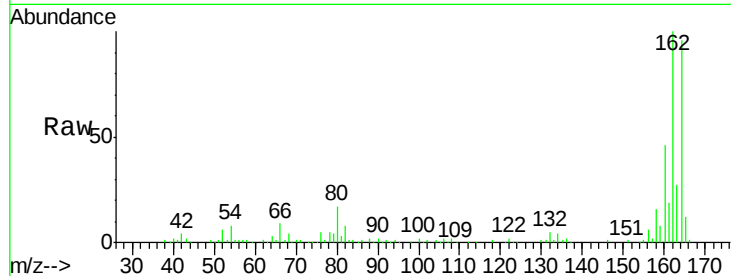
Tgt Ion:164 Resp: 178296

Ion Ratio Lower Upper

164 100

162 104.3 82.8 124.2

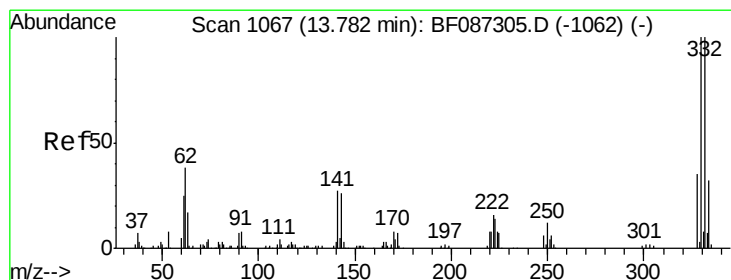
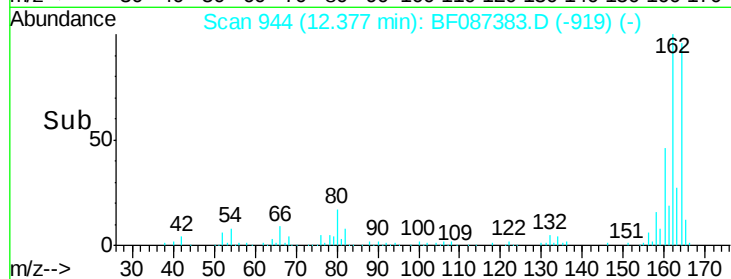
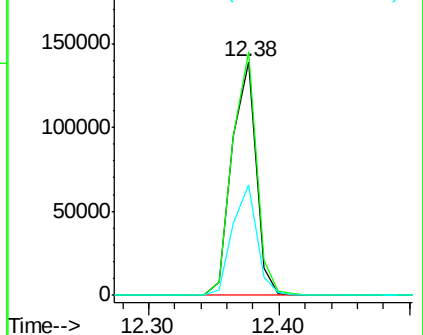
160 47.5 36.9 55.3



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: 27.67 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BF087383.D

Acq: 25 May 2016 21:19

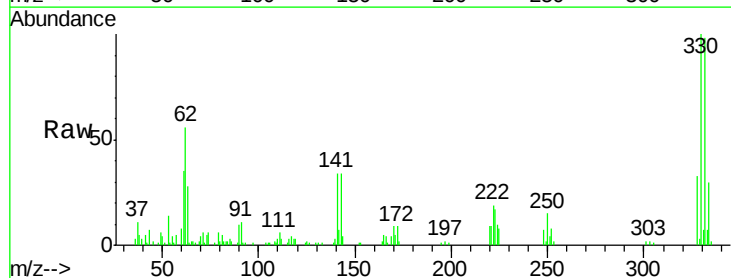
Tgt Ion:330 Resp: 47411

Ion Ratio Lower Upper

330 100

332 97.9 79.0 118.4

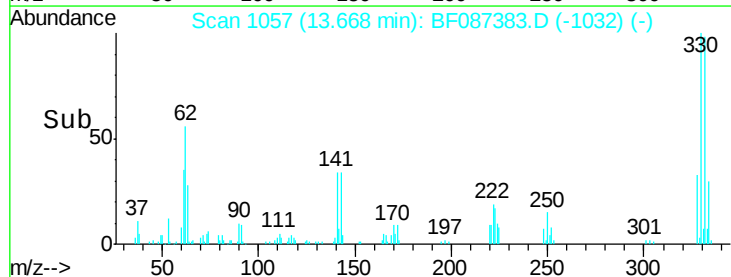
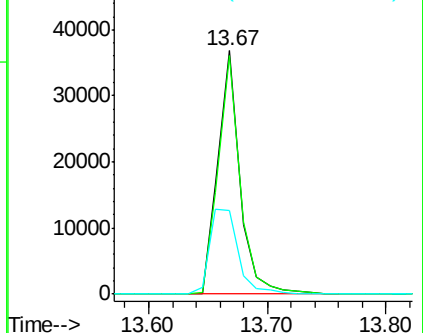
141 45.1 31.2 46.8

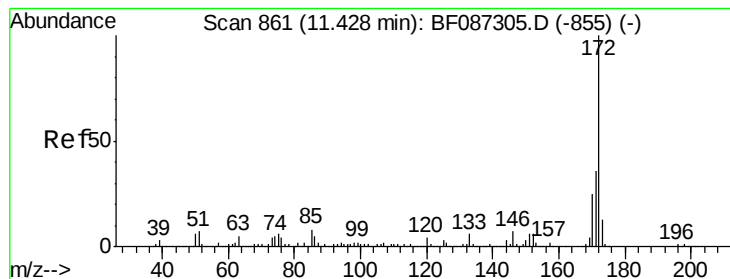


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 20.98 ng

RT: 11.32 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF087383.D

Acq: 25 May 2016 21:19

Instrument :

BNA_F

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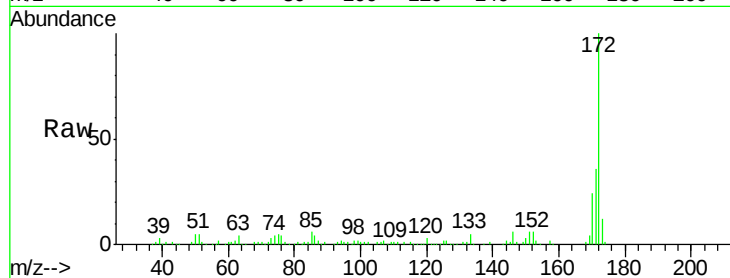
Tgt Ion:172 Resp: 265335

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

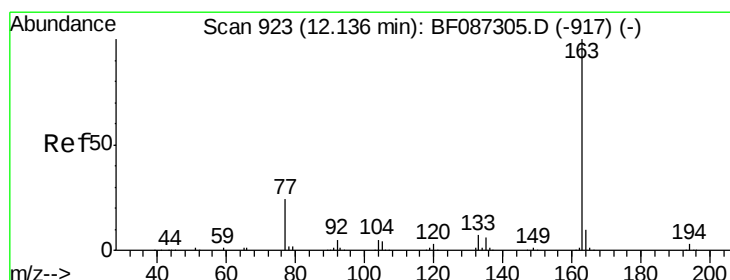
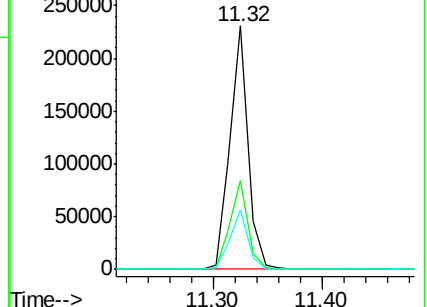
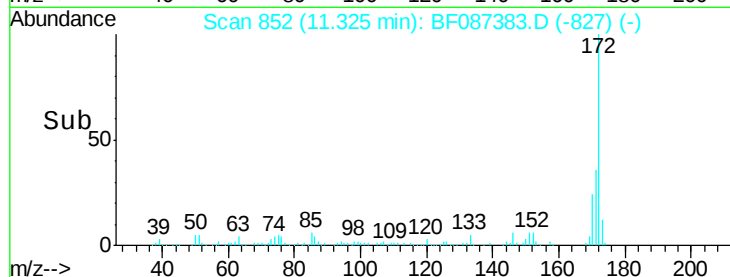
170 24.2 19.8 29.8



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: 3.28 ng

RT: 12.02 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF087383.D

Acq: 25 May 2016 21:19

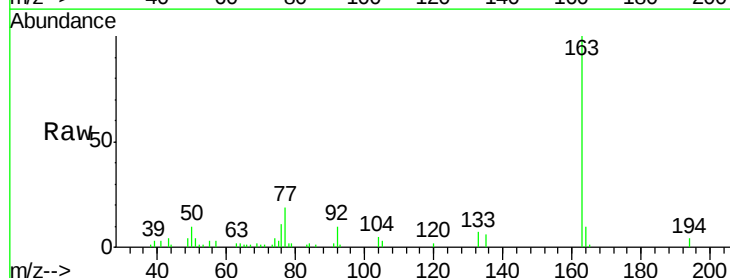
Tgt Ion:163 Resp: 46854

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

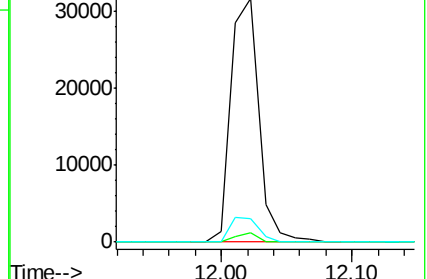
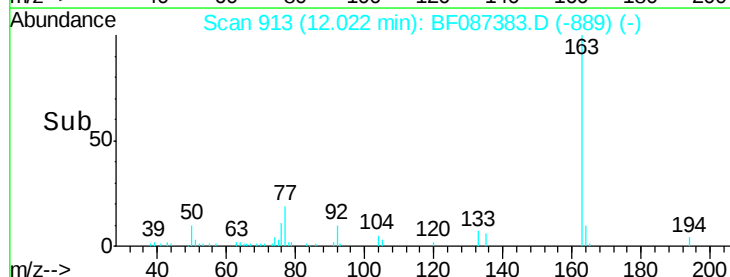
164 9.7 8.2 12.4

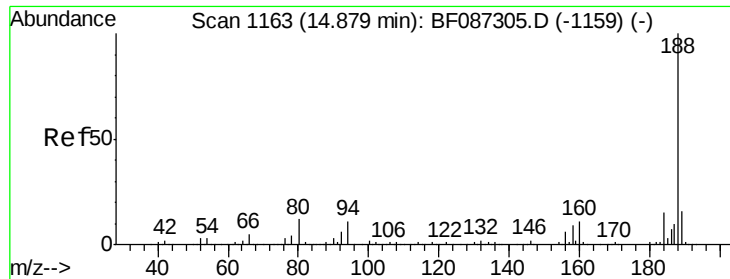


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

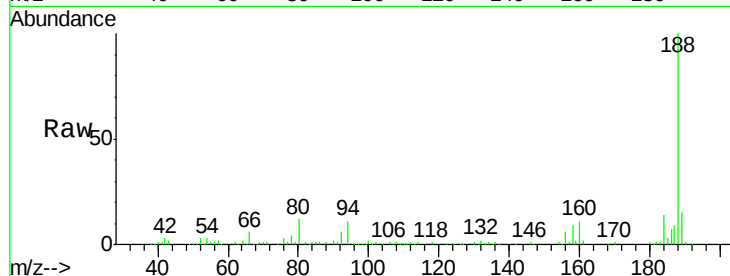




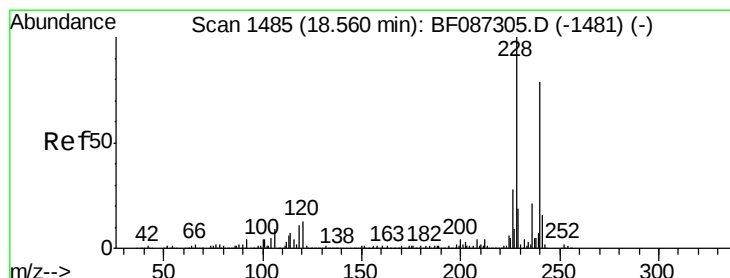
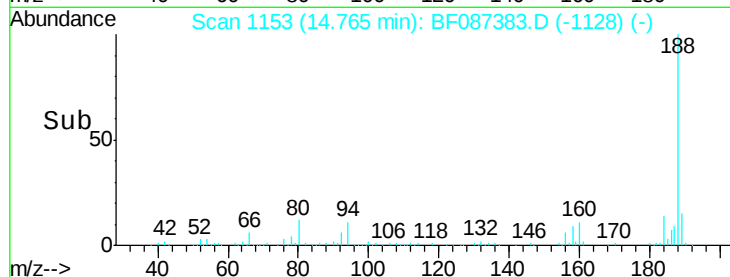
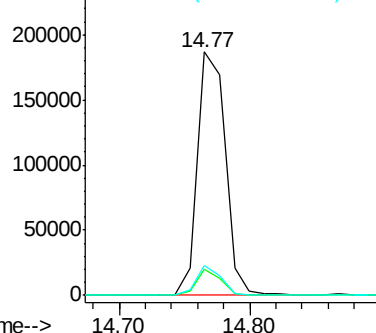
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087383.D
Acq: 25 May 2016 21:19

Instrument :
BNA_F
ClientSampleId :
1605104335

Tgt Ion:188 Resp: 277063
Ion Ratio Lower Upper
188 100
94 10.8 6.8 10.2#
80 12.3 7.1 10.7#

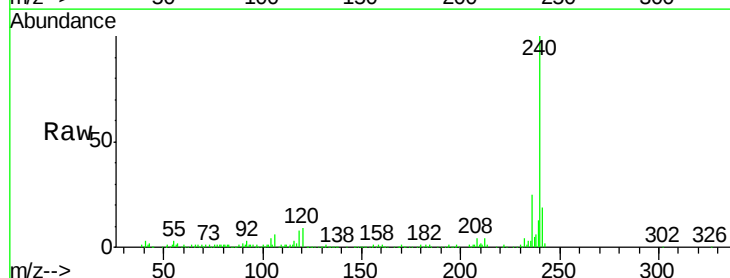


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

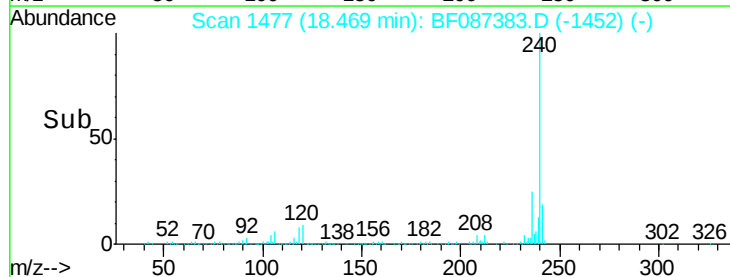
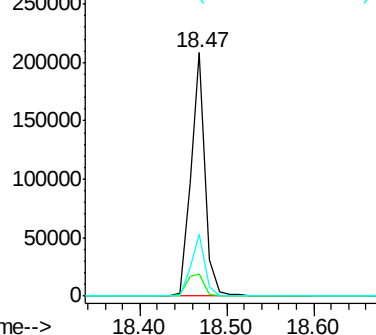


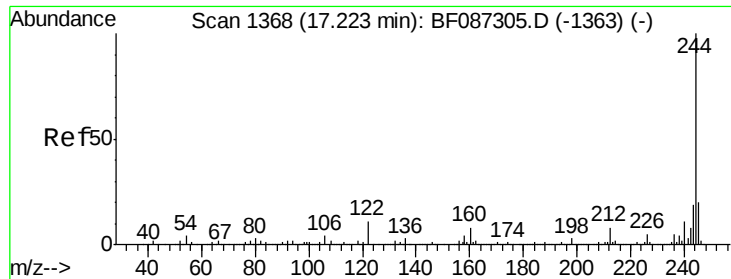
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF087383.D
Acq: 25 May 2016 21:19

Tgt Ion:240 Resp: 237679
Ion Ratio Lower Upper
240 100
120 9.4 11.2 16.8#
236 25.5 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

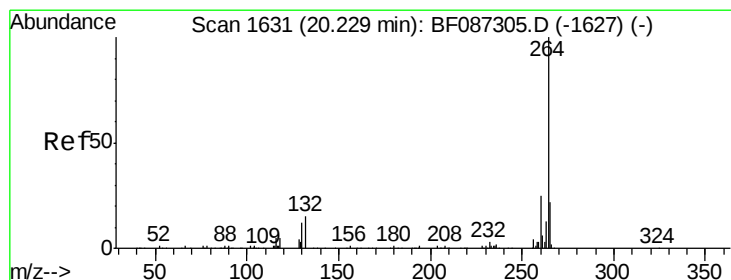
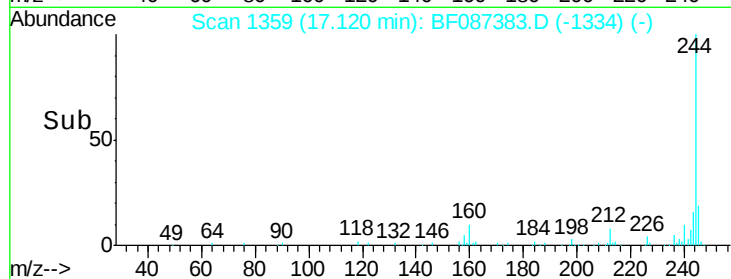
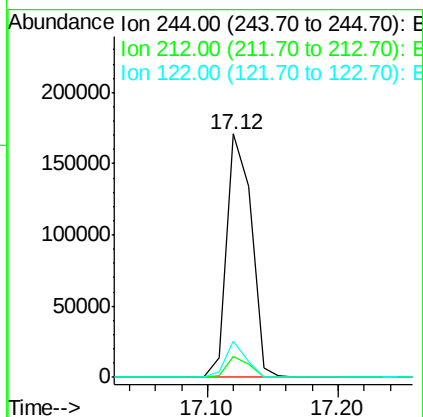
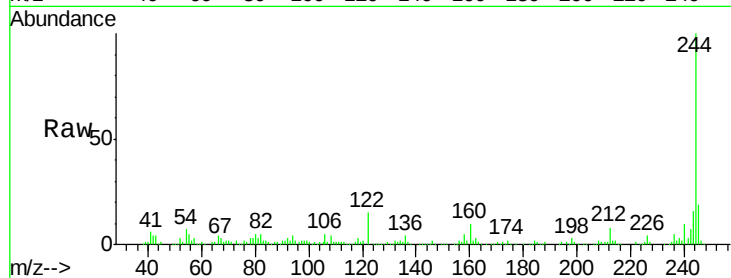




#78
 Terphenyl-d14
 Concen: 20.08 ng
 RT: 17.12 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF087383.D
 Acq: 25 May 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 1605104335

Tgt Ion:244 Resp: 224499
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.2 9.2
 122 14.7 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.14 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF087383.D
 Acq: 25 May 2016 21:19

Tgt Ion:264 Resp: 176104
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.1 17.3 25.9

