

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
 Data File : BF087369.D
 Acq On : 25 May 2016 13:21
 Operator : UM/SJ
 Sample : H3242-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC0.4

Quant Time: May 25 22:27:01 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

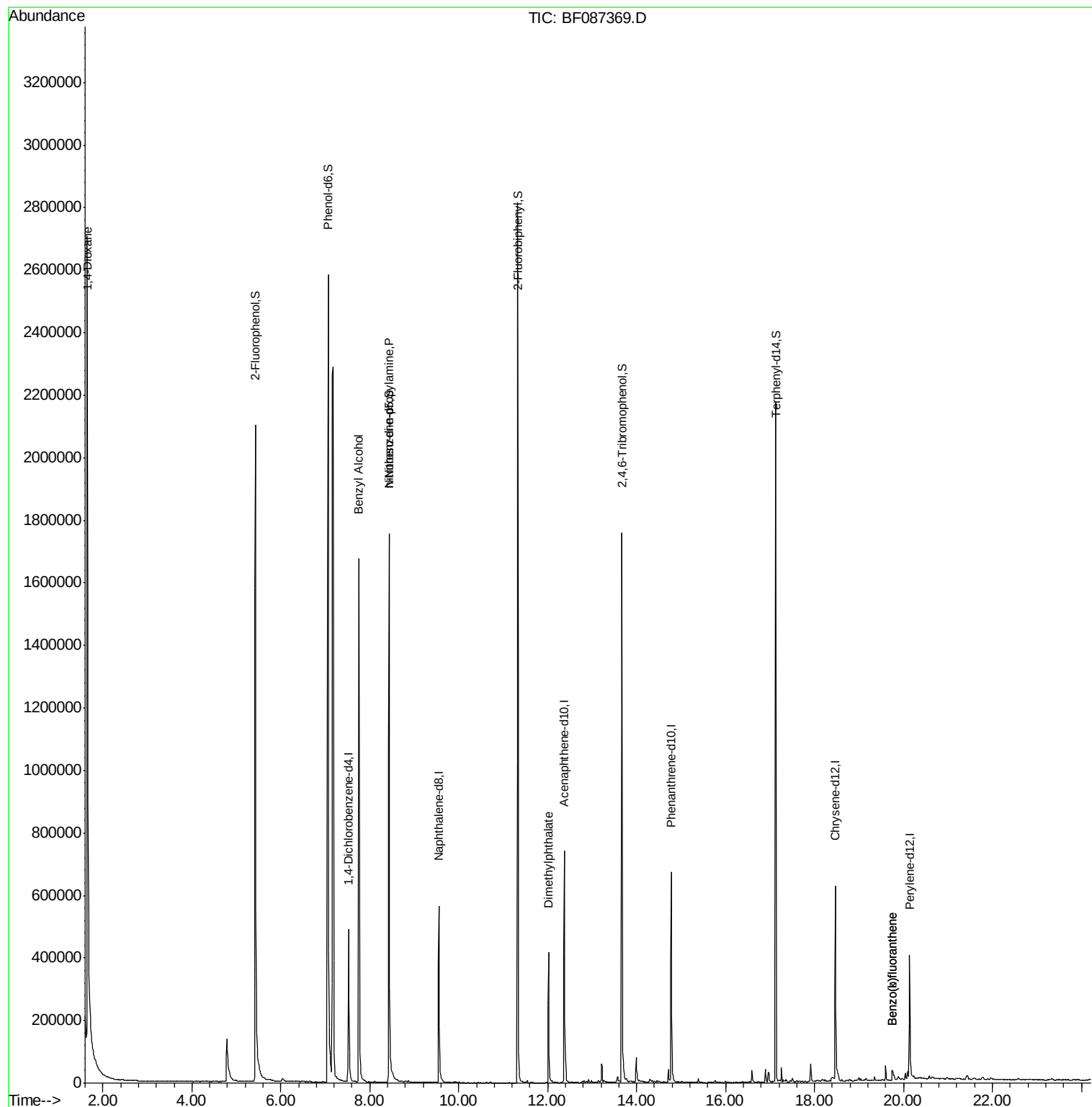
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	99263	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	416813	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	198155	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	367585	20.00	ng	0.00
75) Chrysene-d12	18.47	240	286628	20.00	ng	-0.01
86) Perylene-d12	20.14	264	209633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	871334	154.24	ng	0.01
7) Phenol-d6	7.06	99	1135086	148.70	ng	-0.01
23) Nitrobenzene-d5	8.43	82	778864	94.18	ng	-0.01
41) 2,4,6-Tribromophenol	13.67	330	262340	137.77	ng	-0.01
44) 2-Fluorobiphenyl	11.32	172	1179443	83.91	ng	-0.01
78) Terphenyl-d14	17.13	244	1005131	74.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.64	88	90327	30.30	ng	# 22
15) Benzyl Alcohol	7.75	79	13327	2.39	ng	# 48
19) n-Nitroso-di-n-propylamine	8.43	70	105327	18.50	ng	# 75
49) Dimethylphthalate	12.02	163	239070	15.06	ng	100
87) Benzo(b)fluoranthene	19.75	252	31820	2.38	ng	97
88) Benzo(k)fluoranthene	19.75	252	31820	2.77	ng	98

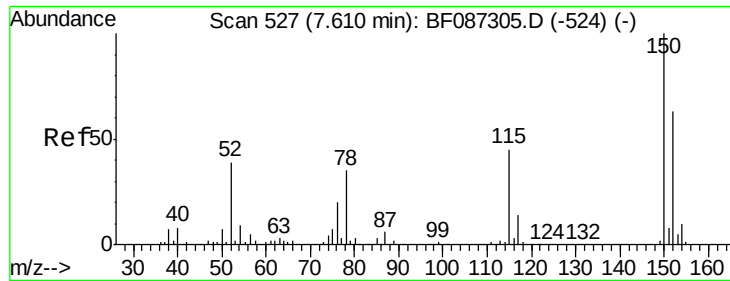
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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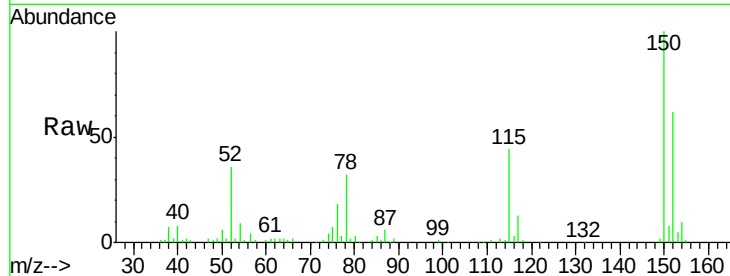


#1

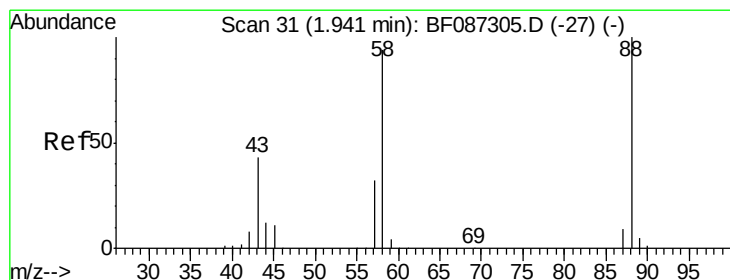
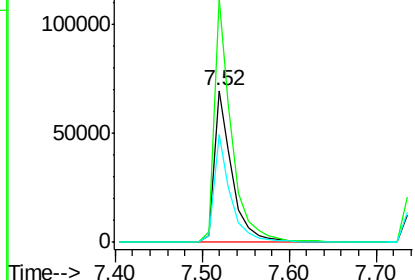
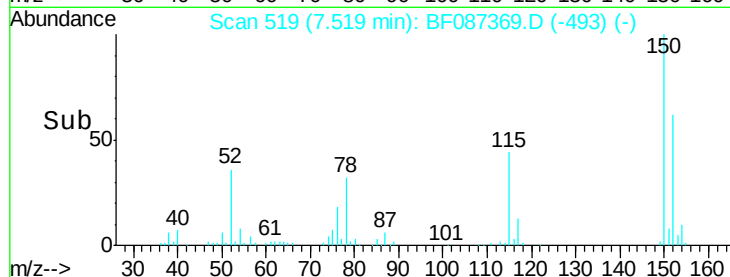
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF087369.D
Acq: 25 May 2016 13:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 152 Resp: 99263
Ion Ratio Lower Upper
152 100
150 160.3 125.8 188.6
115 71.1 51.5 77.3



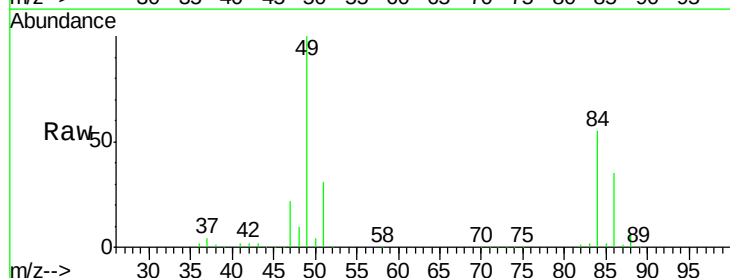
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



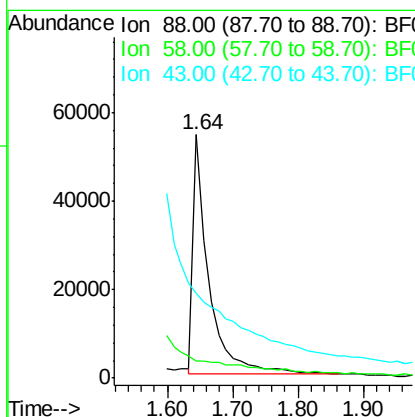
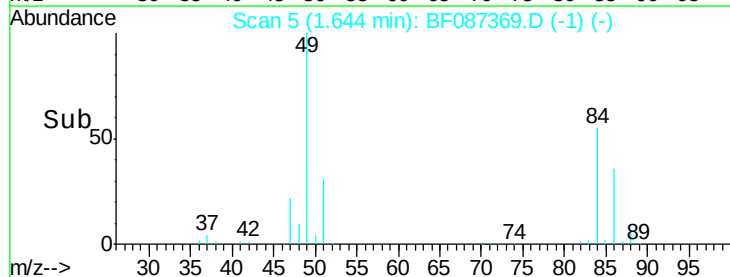
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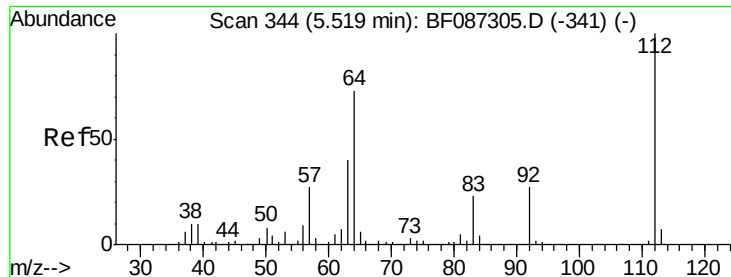
1,4-Dioxane
Concen: 30.30 ng
RT: 1.64 min Scan# 5
Delta R.T. -0.17 min
Lab File: BF087369.D
Acq: 25 May 2016 13:21

Tgt Ion: 88 Resp: 90327
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: 154.24 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF087369.D

Acq: 25 May 2016 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC0.4

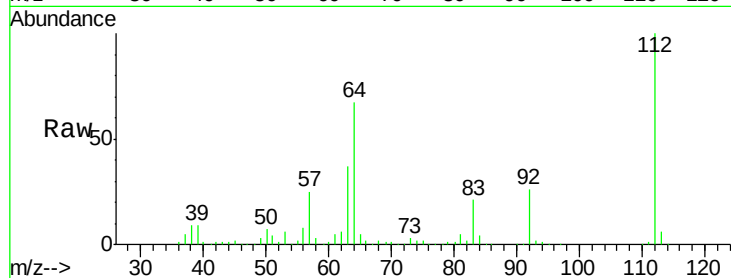
Tgt Ion: 112 Resp: 871334

Ion Ratio Lower Upper

112 100

64 67.5 52.1 78.1

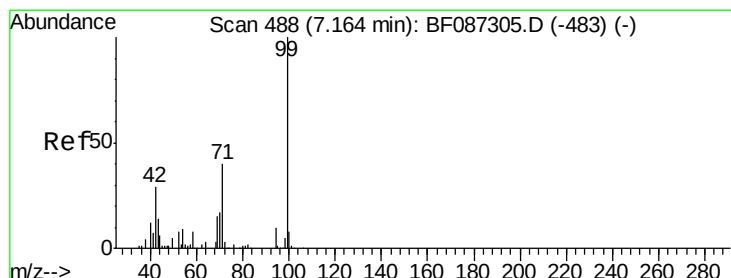
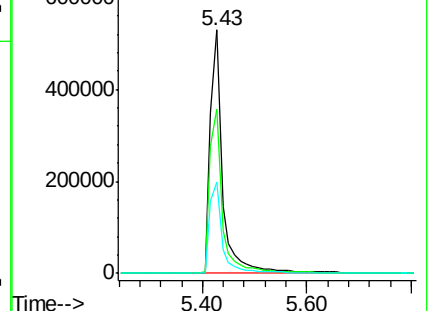
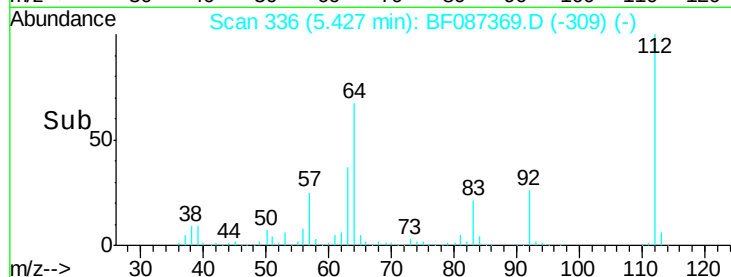
63 37.3 25.7 38.5



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: 148.70 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087369.D

Acq: 25 May 2016 13:21

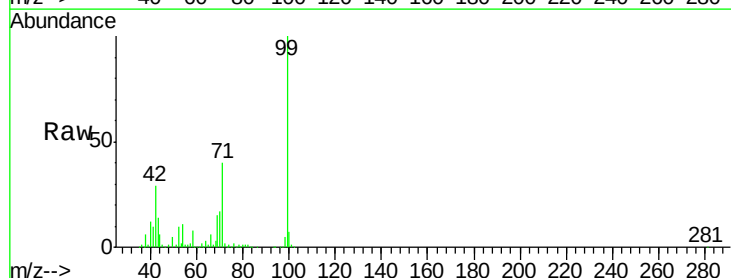
Tgt Ion: 99 Resp: 1135086

Ion Ratio Lower Upper

99 100

42 28.9 13.6 20.4#

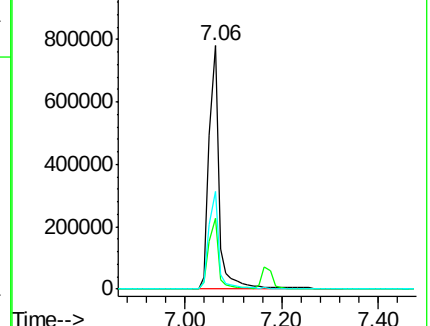
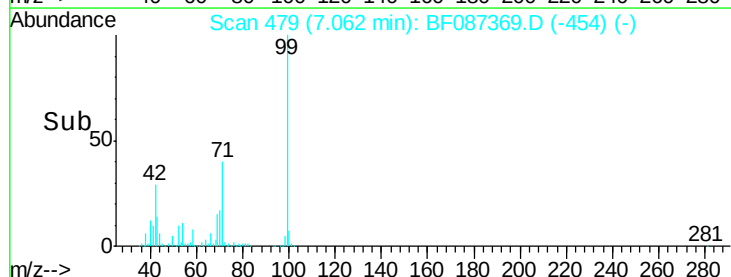
71 40.2 24.6 36.8#

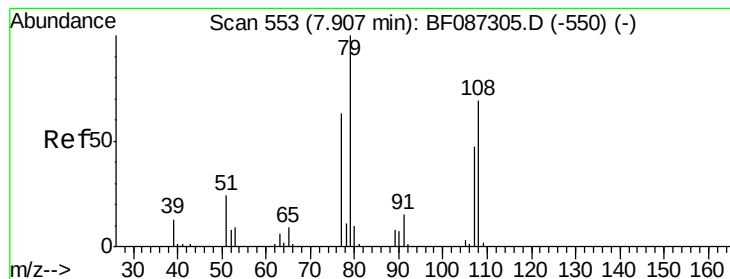


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.39 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.07 min

Lab File: BF087369.D

Acq: 25 May 2016 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC0.4

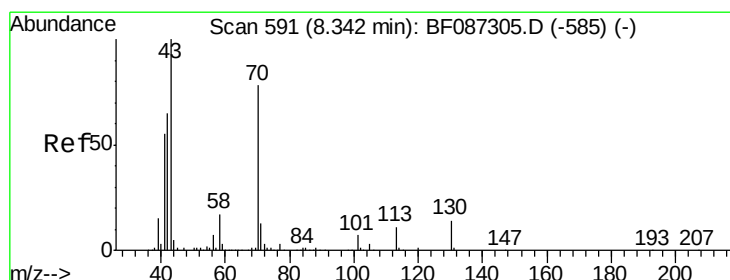
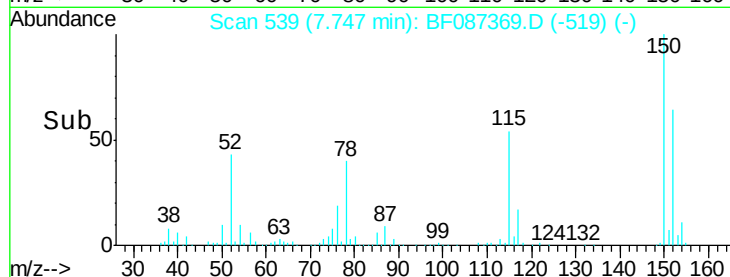
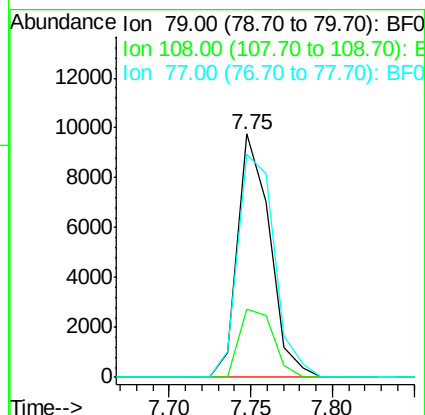
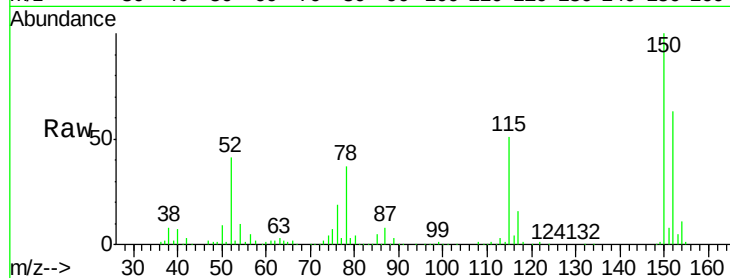
Tgt Ion: 79 Resp: 13327

Ion Ratio Lower Upper

79 100

108 28.0 68.4 102.6#

77 91.9 50.6 76.0#



#19

n-Nitroso-di-n-propylamine

Concen: 18.50 ng

RT: 8.43 min Scan# 599

Delta R.T. 0.18 min

Lab File: BF087369.D

Acq: 25 May 2016 13:21

Tgt Ion: 70 Resp: 105327

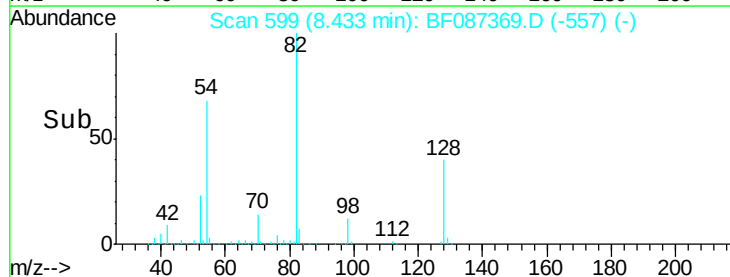
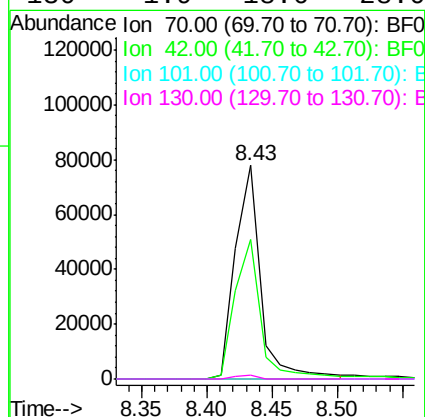
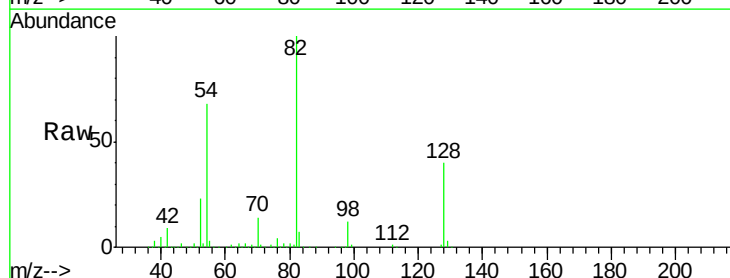
Ion Ratio Lower Upper

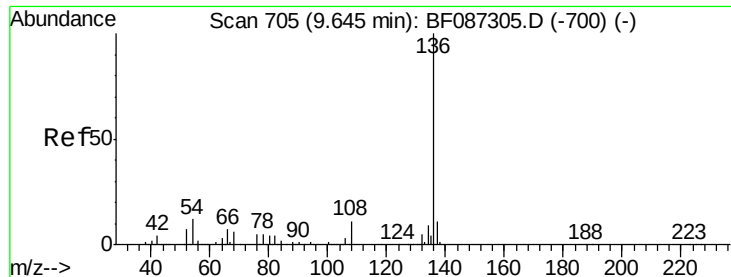
70 100

42 65.2 43.1 64.7#

101 0.0 8.1 12.1#

130 1.9 18.6 28.0#

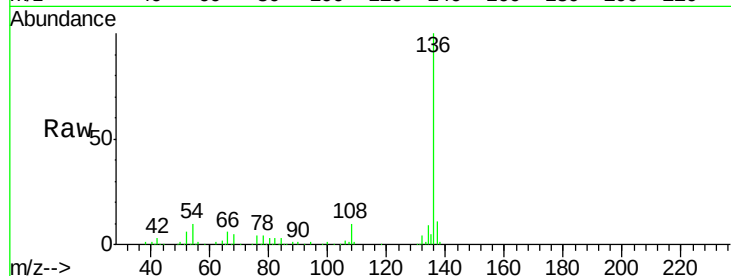




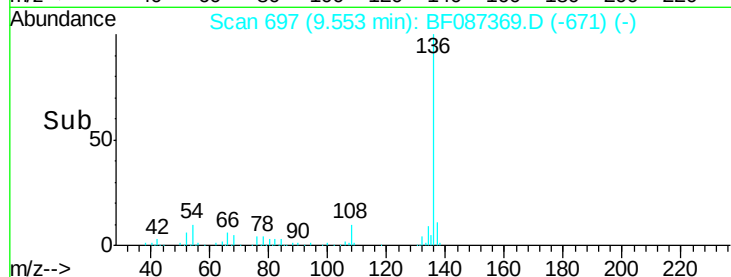
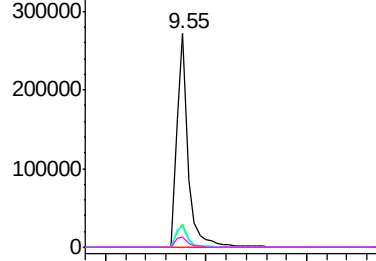
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF087369.D
Acq: 25 May 2016 13:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC0.4

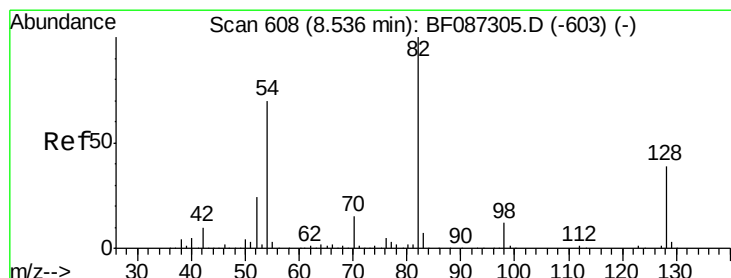
Tgt Ion:	136	Resp:	416813
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.7	5.0	7.4#
68	5.0	4.4	6.6



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

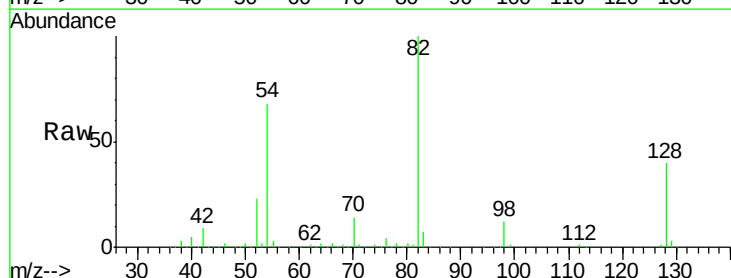


Time-->

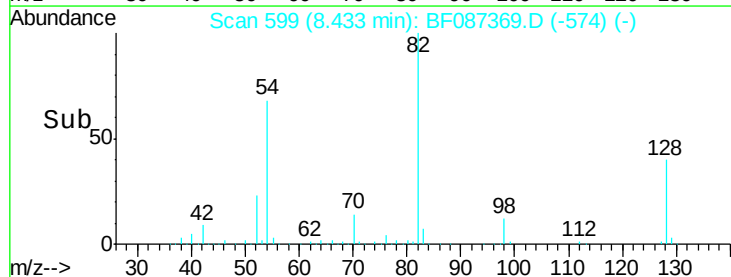
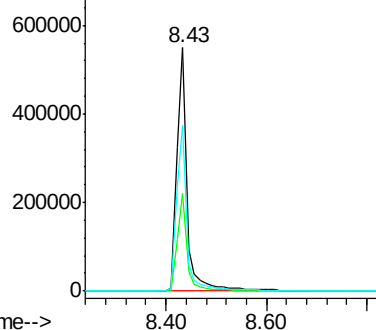


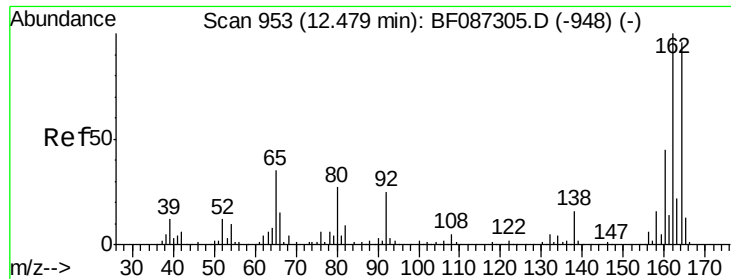
#23
Nitrobenzene-d5
Concen: 94.18 ng
RT: 8.43 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF087369.D
Acq: 25 May 2016 13:21

Tgt Ion:	82	Resp:	778864
Ion	Ratio	Lower	Upper
82	100		
128	39.9	40.6	61.0#
54	67.9	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

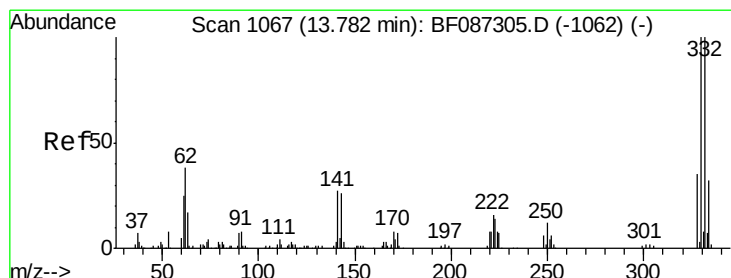
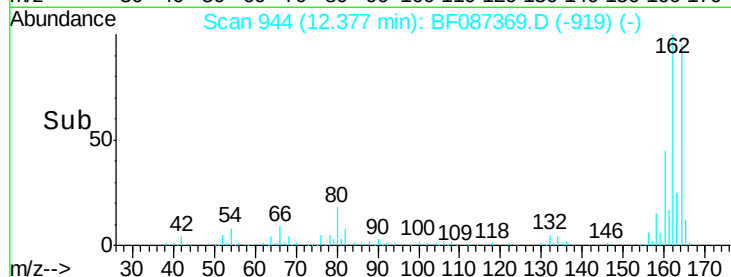
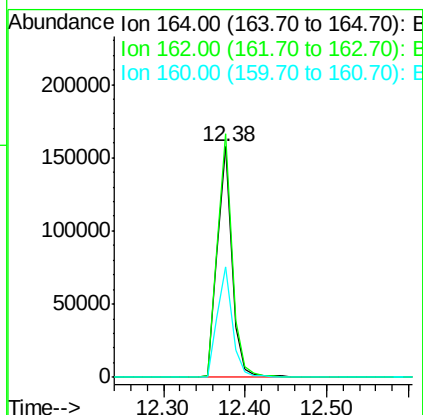
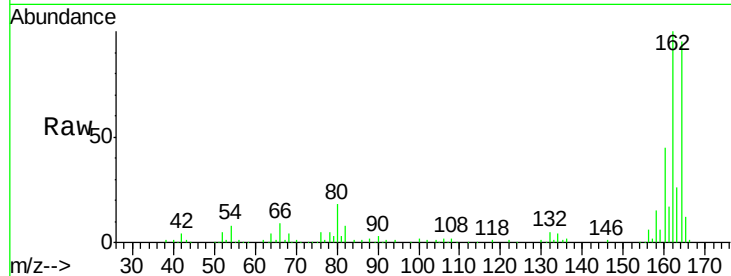




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.38 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF087369.D
 Acq: 25 May 2016 13:21

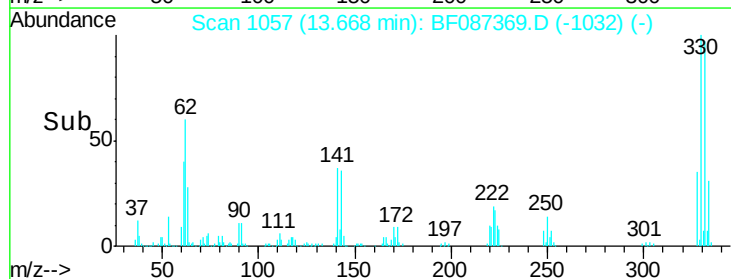
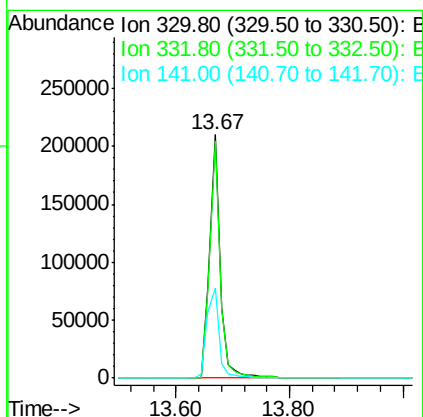
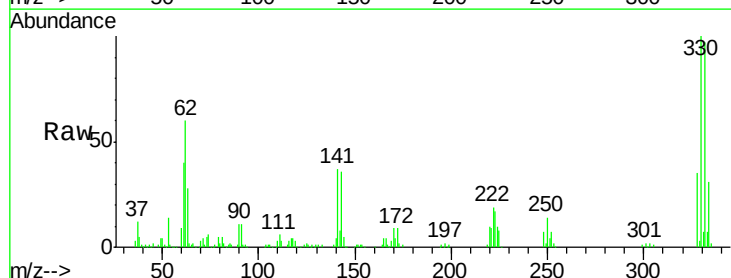
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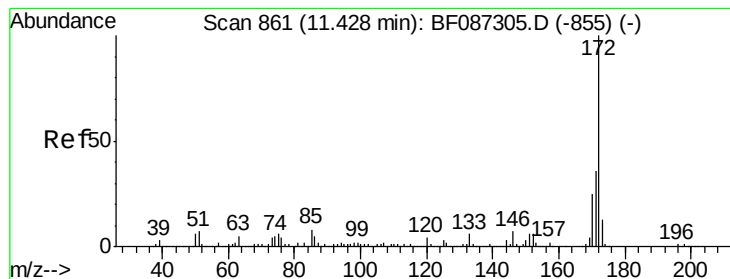
Tgt Ion:164 Resp: 198155
 Ion Ratio Lower Upper
 164 100
 162 105.7 82.8 124.2
 160 47.9 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 137.77 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF087369.D
 Acq: 25 May 2016 13:21

Tgt Ion:330 Resp: 262340
 Ion Ratio Lower Upper
 330 100
 332 97.5 79.0 118.4
 141 42.8 31.2 46.8

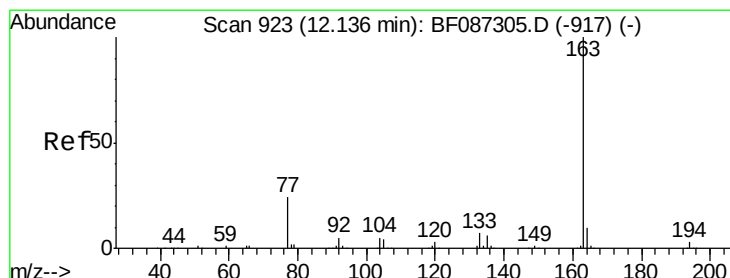
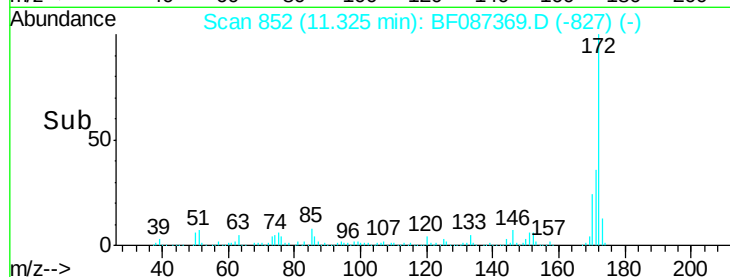
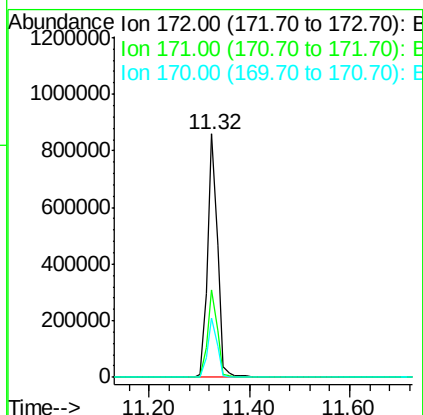
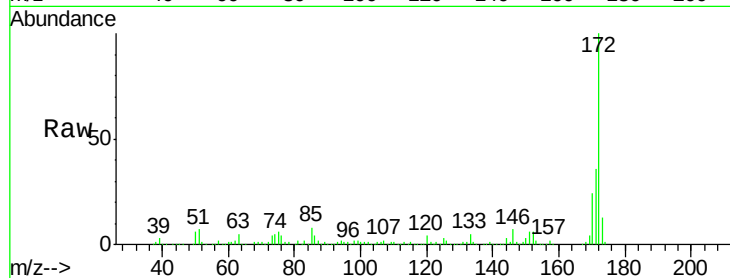




#44
 2-Fluorobiphenyl
 Concen: 83.91 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BF087369.D
 Acq: 25 May 2016 13:21

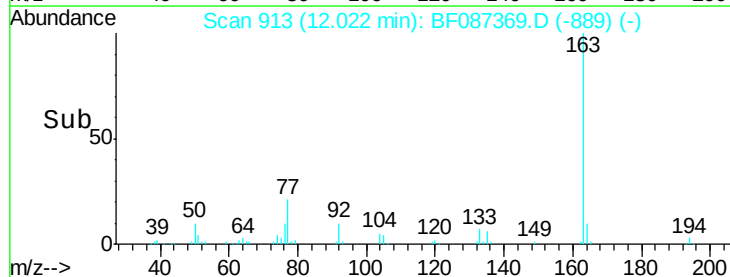
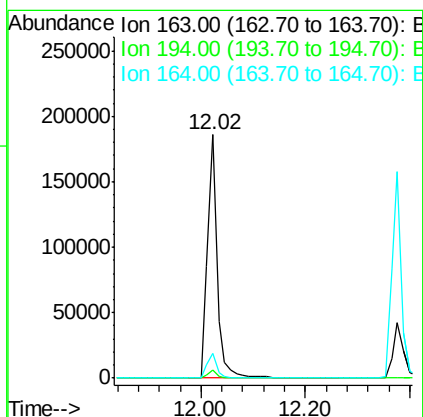
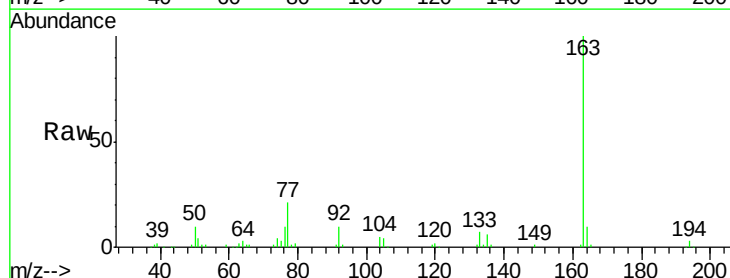
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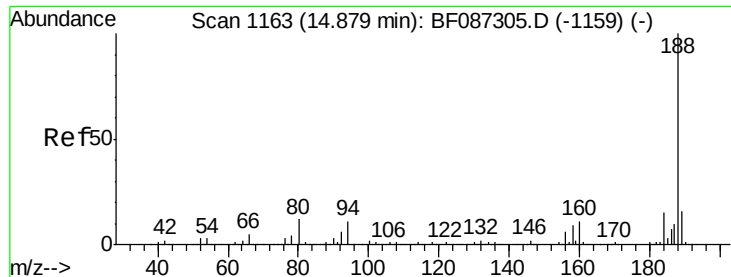
Tgt Ion:172 Resp: 1179443
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.3 19.8 29.8



#49
 Dimethylphthalate
 Concen: 15.06 ng
 RT: 12.02 min Scan# 913
 Delta R.T. -0.02 min
 Lab File: BF087369.D
 Acq: 25 May 2016 13:21

Tgt Ion:163 Resp: 239070
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.6 4.0
 164 10.2 8.2 12.4

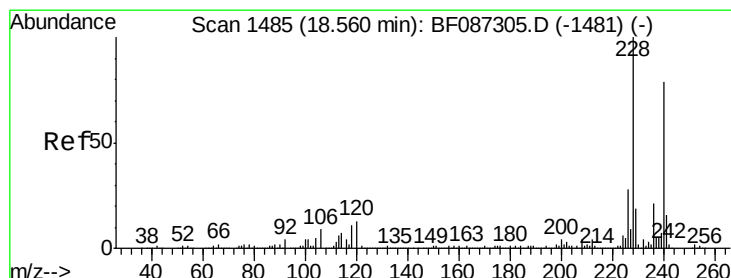
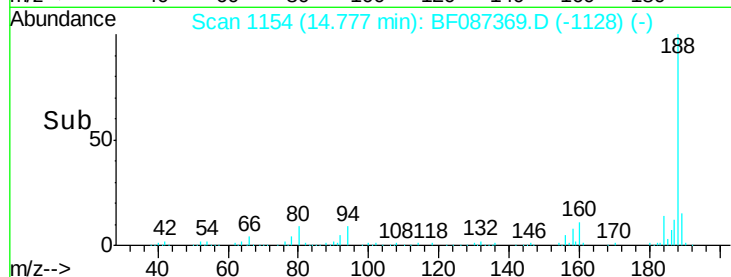
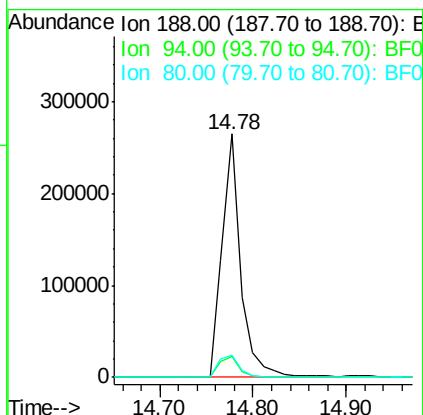
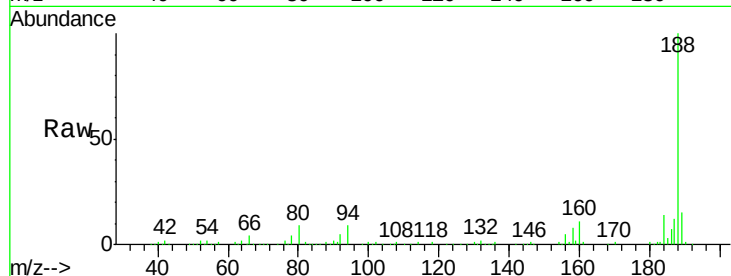




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF087369.D
Acq: 25 May 2016 13:21

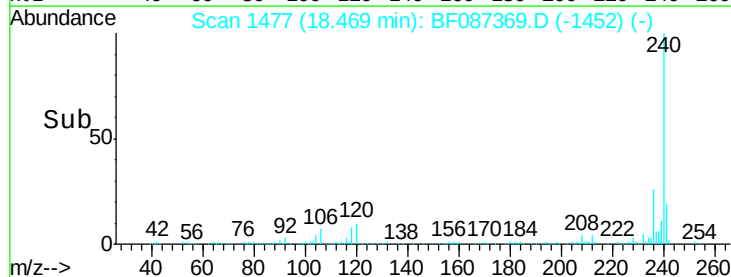
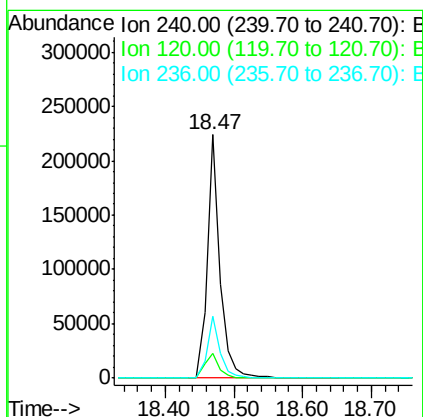
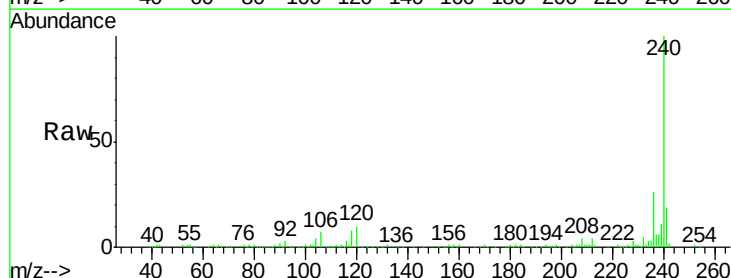
Instrument :
BNA_F
ClientSampleId :
SSTDCCC0.4

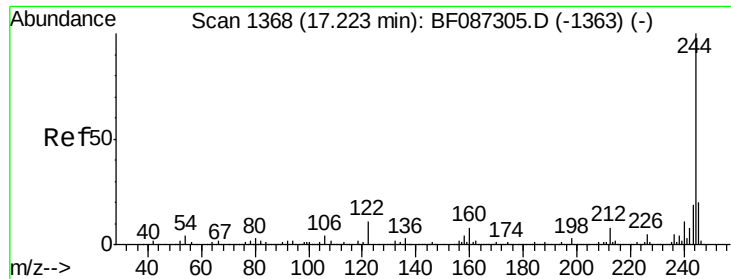
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	367585		
94	8.6		6.8	10.2
80	9.1		7.1	10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF087369.D
Acq: 25 May 2016 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	286628		
120	10.3		11.2	16.8#
236	25.6		21.2	31.8

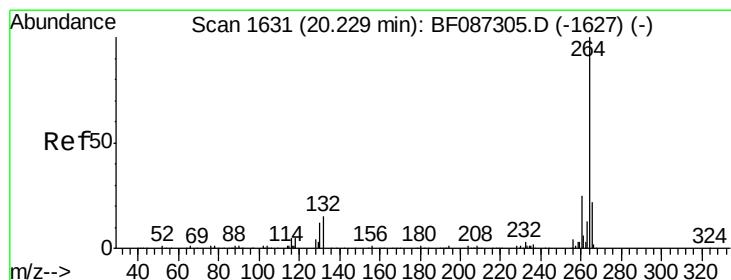
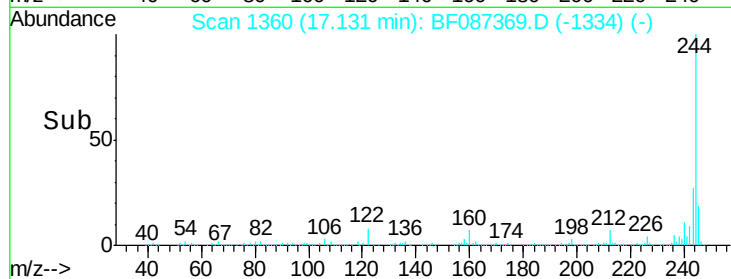
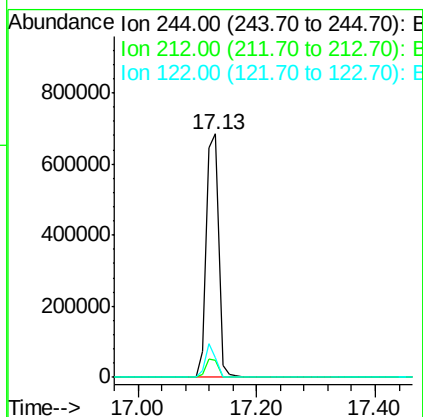
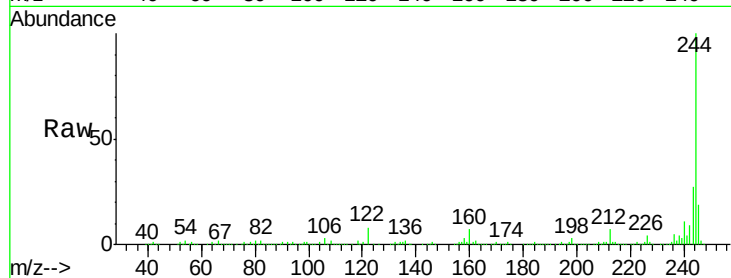




#78
 Terphenyl-d14
 Concen: 74.55 ng
 RT: 17.13 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF087369.D
 Acq: 25 May 2016 13:21

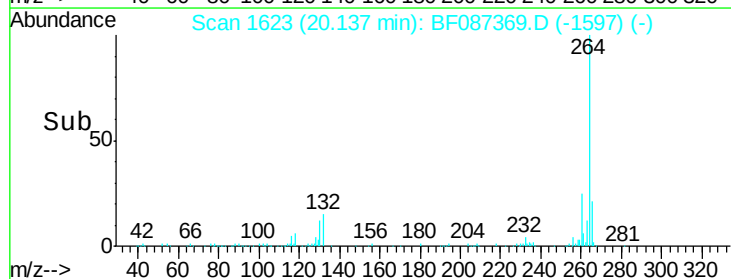
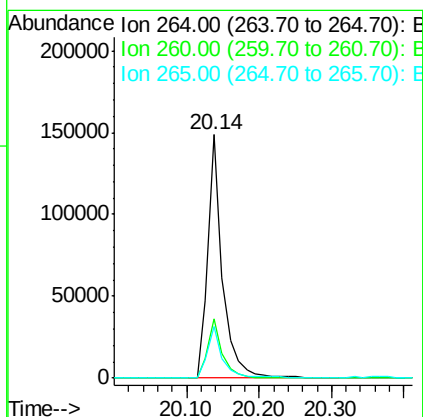
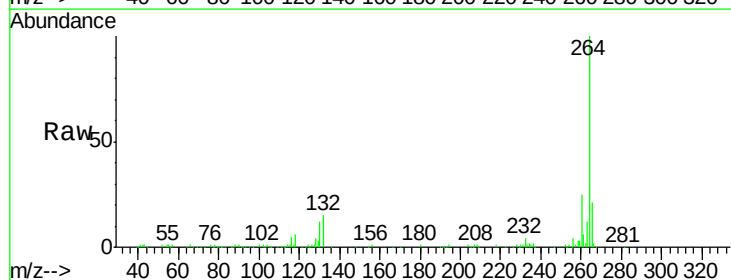
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC0.4

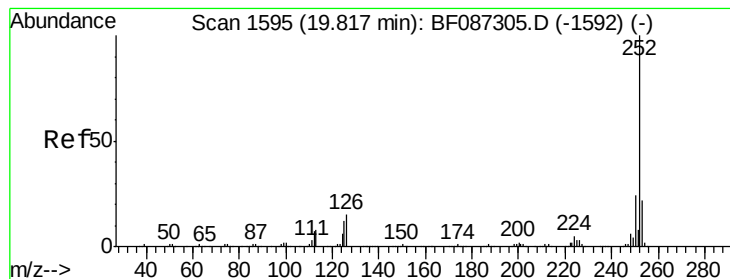
Tgt Ion:244 Resp: 1005131
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 8.0 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.14 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF087369.D
 Acq: 25 May 2016 13:21

Tgt Ion:264 Resp: 209633
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.0 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 2.38 ng

RT: 19.75 min Scan# 1589

Delta R.T. 0.02 min

Lab File: BF087369.D

Acq: 25 May 2016 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC0.4

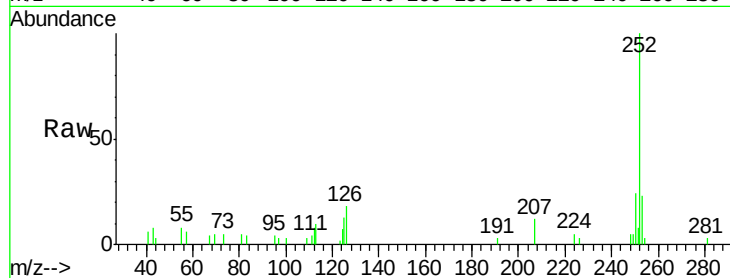
Tgt Ion:252 Resp: 31820

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

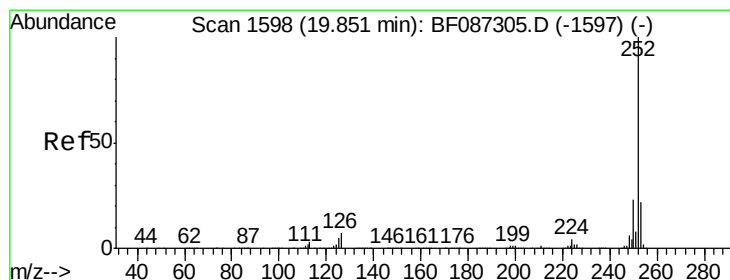
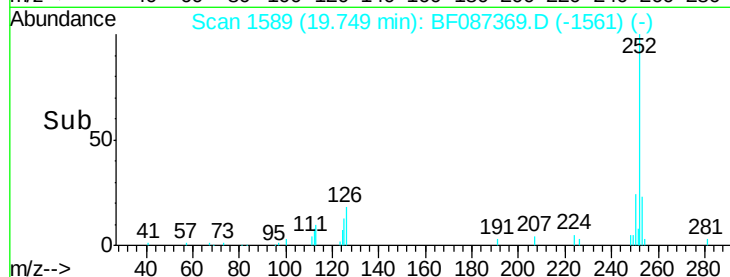
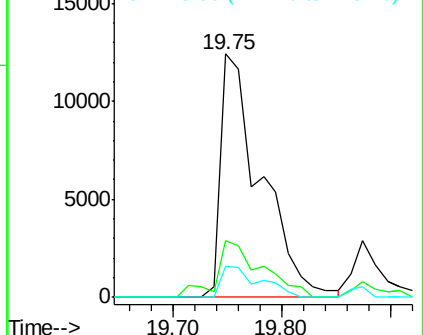
125 12.6 11.4 17.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.77 ng

RT: 19.75 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF087369.D

Acq: 25 May 2016 13:21

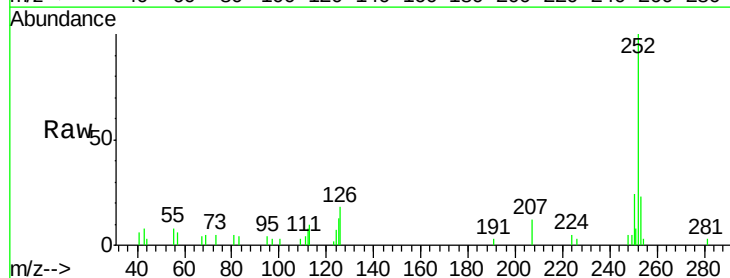
Tgt Ion:252 Resp: 31820

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

125 12.6 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

