

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052416\
 Data File : BF087361.D
 Acq On : 25 May 2016 4:11
 Operator : UM/SJ
 Sample : H3211-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TA-1304-(0-4)

Quant Time: May 25 05:19:04 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 00:58:25 2016
 Response via : Initial Calibration

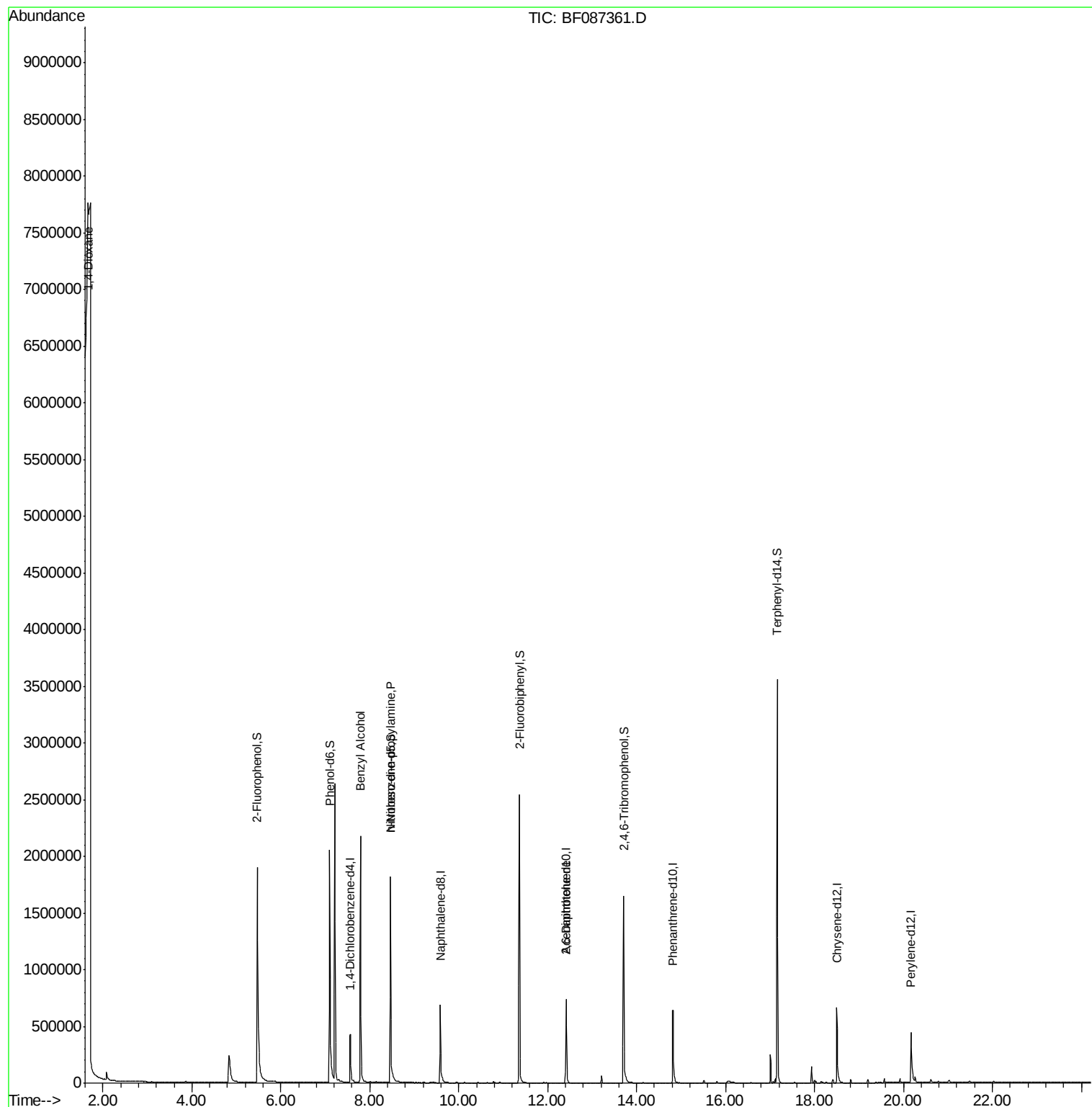
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	109863	20.00	ng	0.00
21) Naphthalene-d8	9.59	136	446130	20.00	ng	-0.01
38) Acenaphthene-d10	12.41	164	213469	20.00	ng	-0.01
63) Phenanthrene-d10	14.82	188	436630	20.00	ng	0.00
75) Chrysene-d12	18.50	240	371717	20.00	ng	-0.01
86) Perylene-d12	20.17	264	268593	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	794597	127.09	ng	0.01
7) Phenol-d6	7.10	99	966266	114.37	ng	-0.01
23) Nitrobenzene-d5	8.47	82	794204	89.72	ng	-0.02
41) 2,4,6-Tribromophenol	13.71	330	305455	148.90	ng	-0.01
44) 2-Fluorobiphenyl	11.37	172	1382984	91.33	ng	-0.01
78) Terphenyl-d14	17.17	244	1401253	80.14	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.67	88	50614	15.34	ng	# 22
15) Benzyl Alcohol	7.79	79	13379	2.17	ng	# 43
19) n-Nitroso-di-n-propylamine	8.47	70	105905	16.81	ng	# 73
50) 2,6-Dinitrotoluene	12.41	165	24658	7.16	ng	# 20

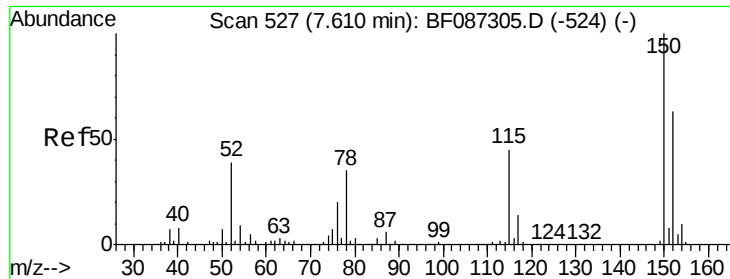
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF087361.D

Acq: 25 May 2016 4:11

Instrument :

BNA_F

ClientSampleId :

TA-1304-(0-4)

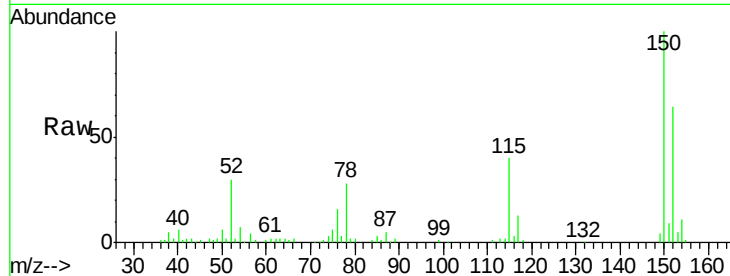
Tgt Ion:152 Resp: 109863

Ion Ratio Lower Upper

152 100

150 155.5 125.8 188.6

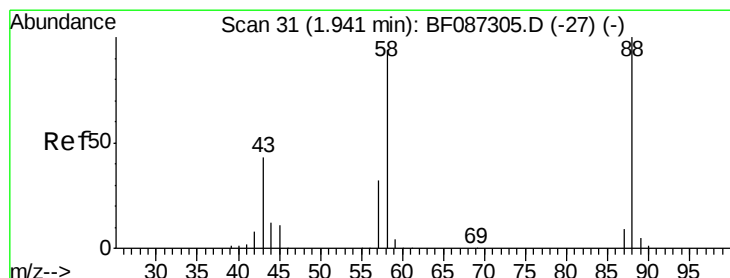
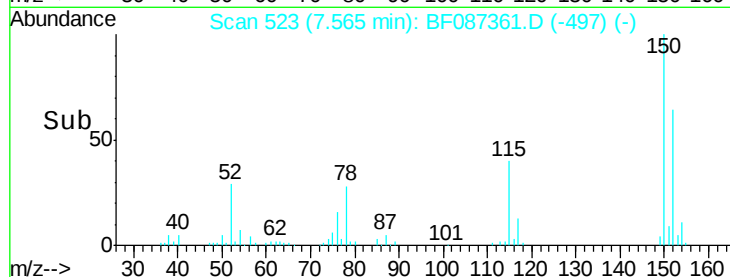
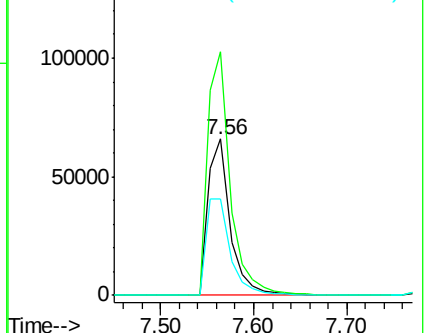
115 61.9 51.5 77.3



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: 15.34 ng

RT: 1.67 min Scan# 7

Delta R.T. -0.19 min

Lab File: BF087361.D

Acq: 25 May 2016 4:11

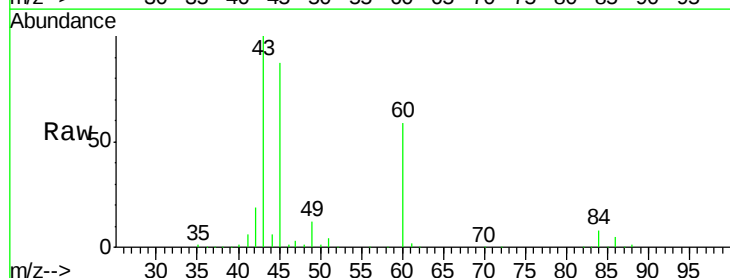
Tgt Ion: 88 Resp: 50614

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

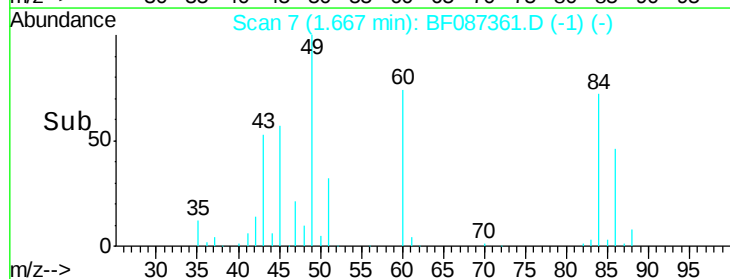
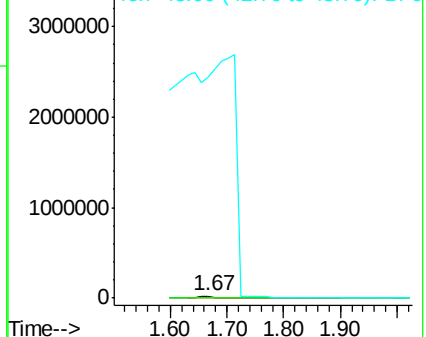
43 0.0 21.8 32.6#

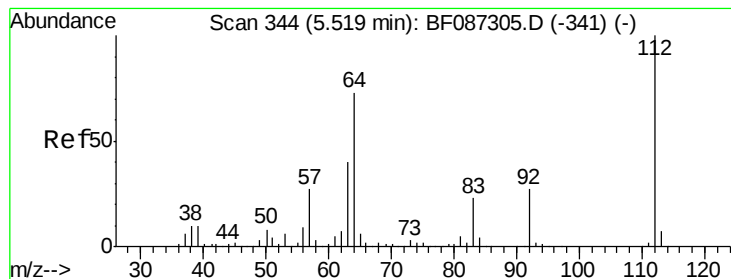


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 127.09 ng

RT: 5.47 min Scan# 340

Delta R.T. 0.01 min

Lab File: BF087361.D

Acq: 25 May 2016 4:11

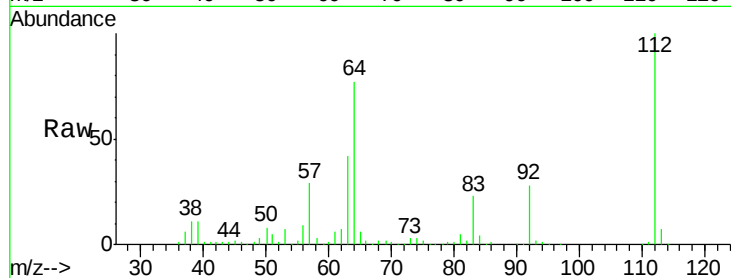
Instrument :

BNA_F

ClientSampleId :

TA-1304-(0-4)

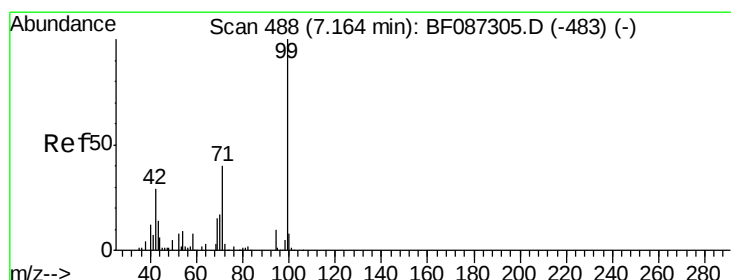
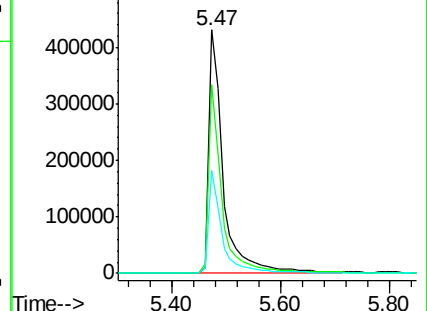
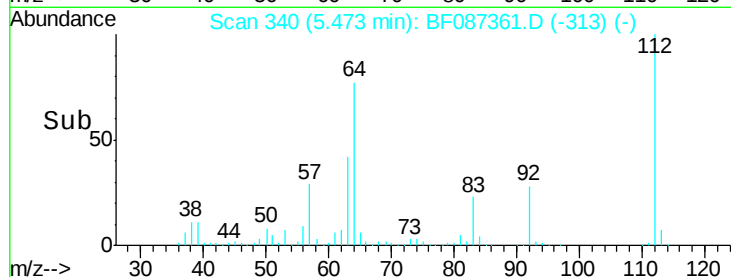
Tgt Ion:	112	Resp:	794597
Ion Ratio	Lower	Upper	
112	100		
64	77.3	52.1	78.1
63	42.3	25.7	38.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 114.37 ng

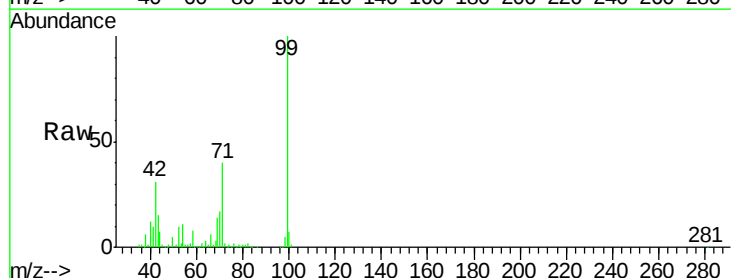
RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF087361.D

Acq: 25 May 2016 4:11

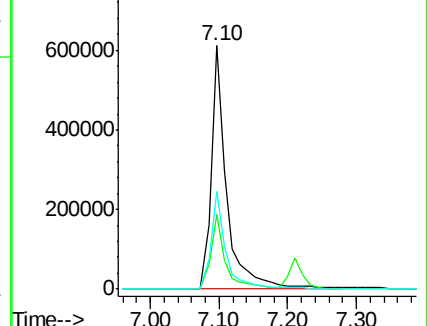
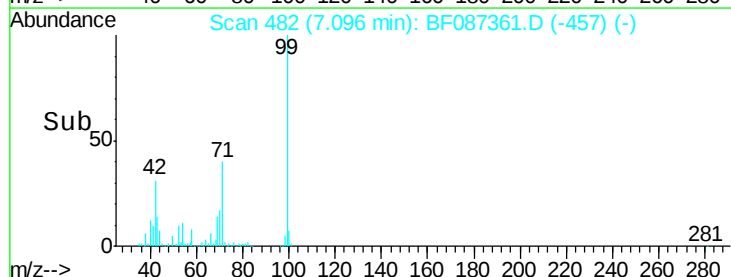
Tgt Ion:	99	Resp:	966266
Ion Ratio	Lower	Upper	
99	100		
42	30.7	13.6	20.4#
71	40.2	24.6	36.8#

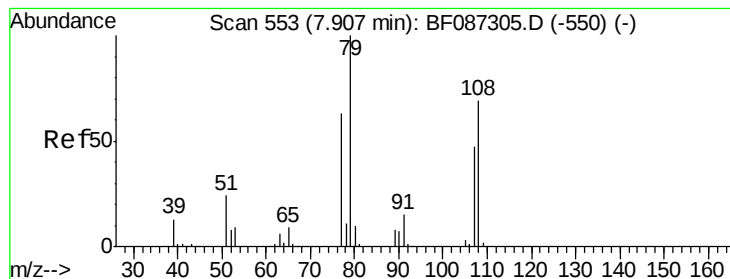


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.17 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.07 min

Lab File: BF087361.D

Acq: 25 May 2016 4:11

Instrument :

BNA_F

ClientSampleId :

TA-1304-(0-4)

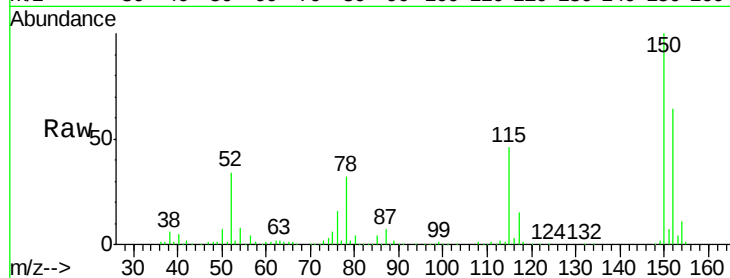
Tgt Ion: 79 Resp: 13379

Ion Ratio Lower Upper

79 100

108 32.8 68.4 102.6#

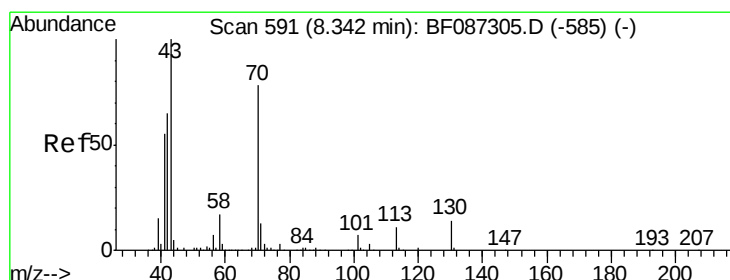
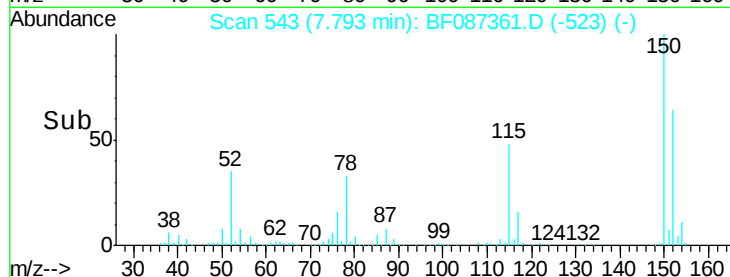
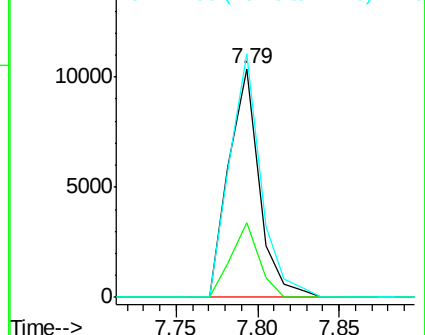
77 106.4 50.6 76.0#



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: 16.81 ng

RT: 8.47 min Scan# 602

Delta R.T. 0.18 min

Lab File: BF087361.D

Acq: 25 May 2016 4:11

Tgt Ion: 70 Resp: 105905

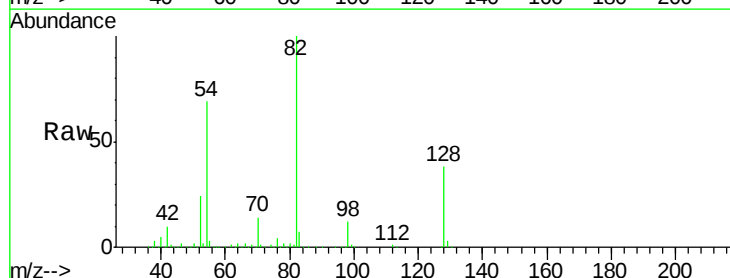
Ion Ratio Lower Upper

70 100

42 67.8 43.1 64.7#

101 0.0 8.1 12.1#

130 1.6 18.6 28.0#

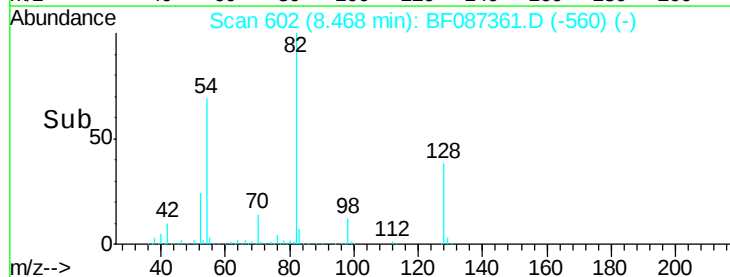
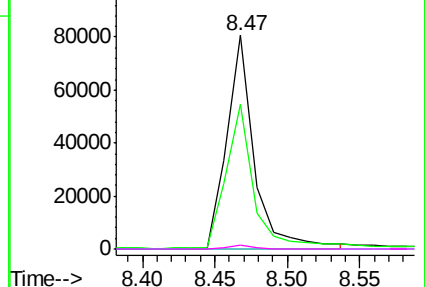


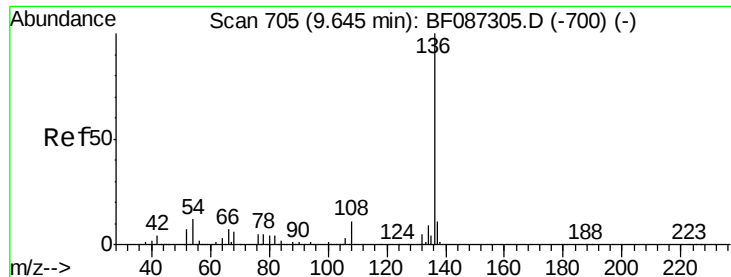
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

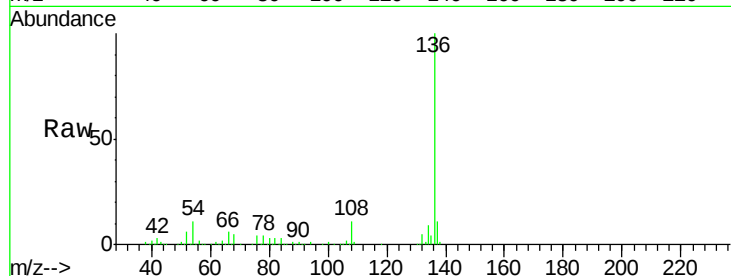




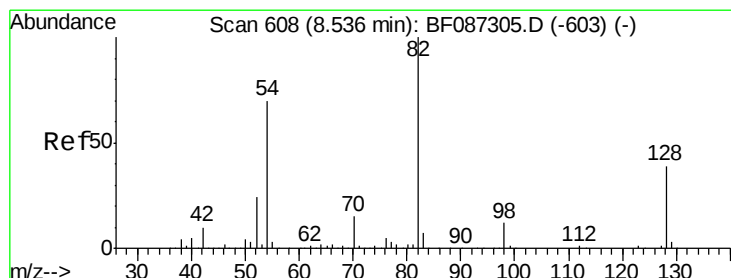
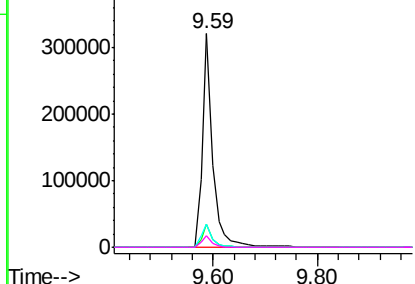
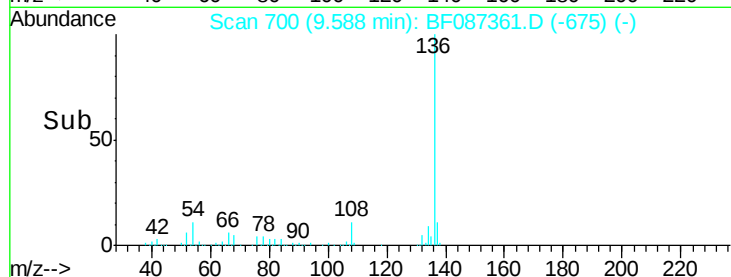
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF087361.D
Acq: 25 May 2016 4:11

Instrument :
BNA_F
ClientSampleId :
TA-1304-(0-4)

Tgt Ion:	136	Resp:	446130
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.6	5.0	7.4#
68	5.2	4.4	6.6

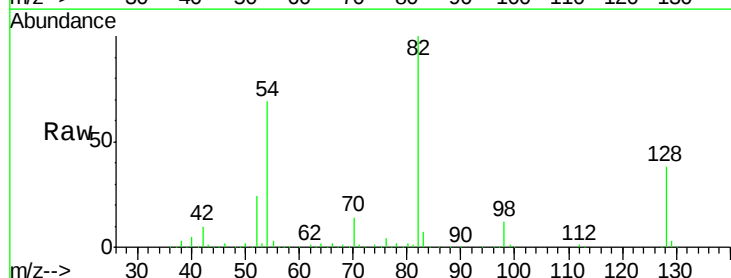


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

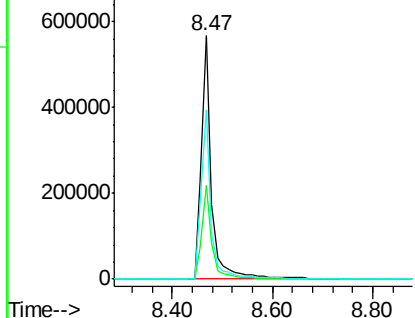
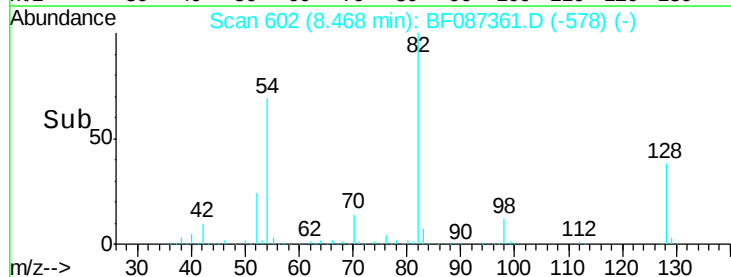


#23
Nitrobenzene-d5
Concen: 89.72 ng
RT: 8.47 min Scan# 602
Delta R.T. -0.02 min
Lab File: BF087361.D
Acq: 25 May 2016 4:11

Tgt Ion:	82	Resp:	794204
Ion	Ratio	Lower	Upper
82	100		
128	38.5	40.6	61.0#
54	69.4	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

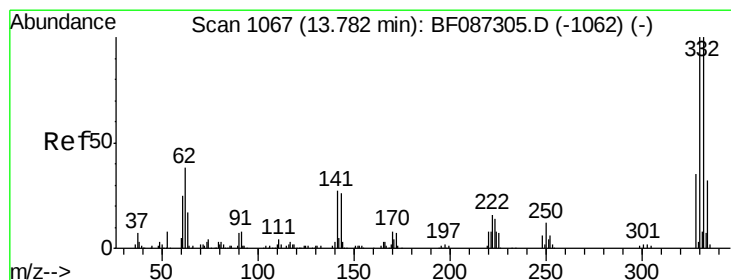
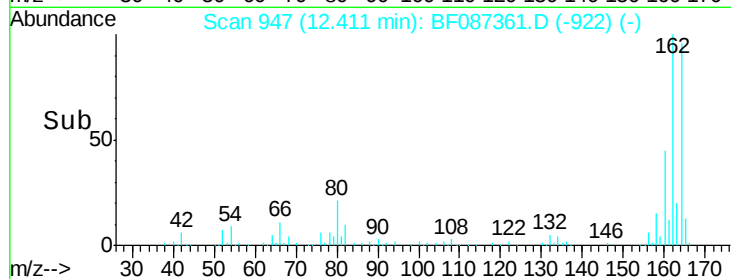
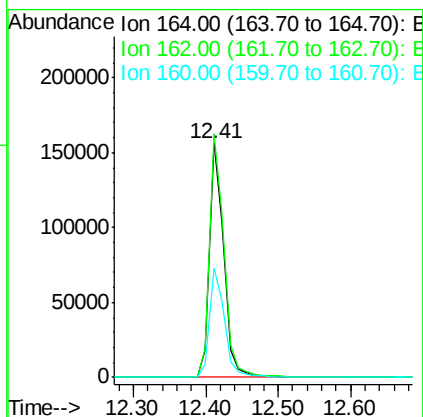
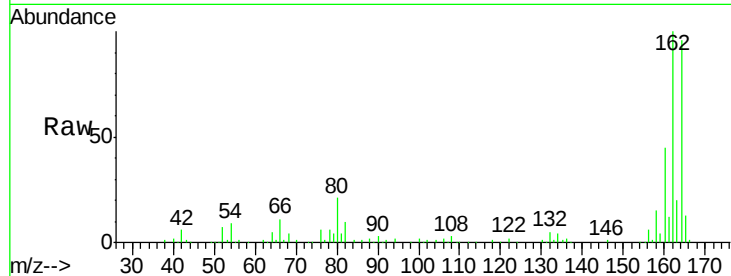




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.41 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF087361.D
 Acq: 25 May 2016 4:11

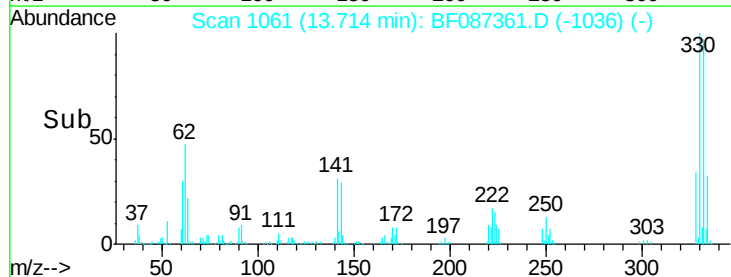
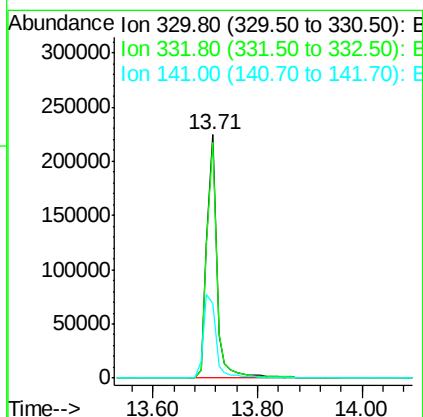
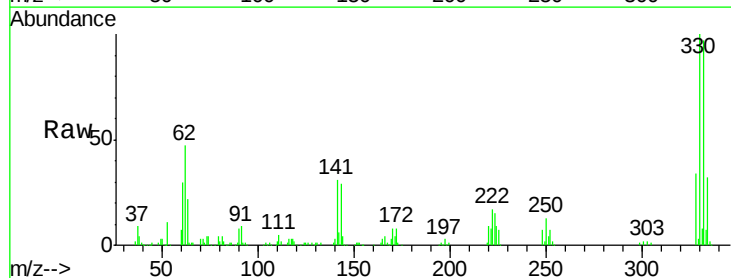
Instrument :
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 ClientSampleId :
 TA-1304-(0-4)

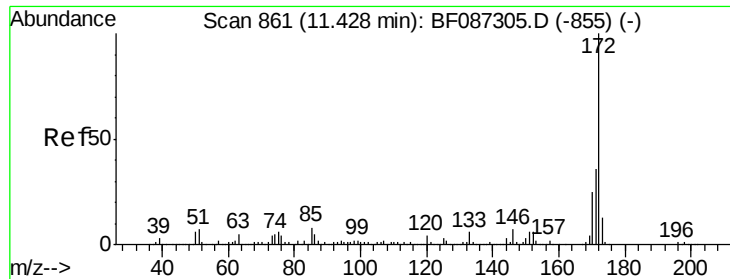
Tgt Ion:164 Resp: 213469
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.8 124.2
 160 46.6 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 148.90 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF087361.D
 Acq: 25 May 2016 4:11

Tgt Ion:330 Resp: 305455
 Ion Ratio Lower Upper
 330 100
 332 97.9 79.0 118.4
 141 42.9 31.2 46.8





#44

2-Fluorobiphenyl

Concen: 91.33 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF087361.D

Acq: 25 May 2016 4:11

Instrument :

BNA_F

ClientSampleId :

TA-1304-(0-4)

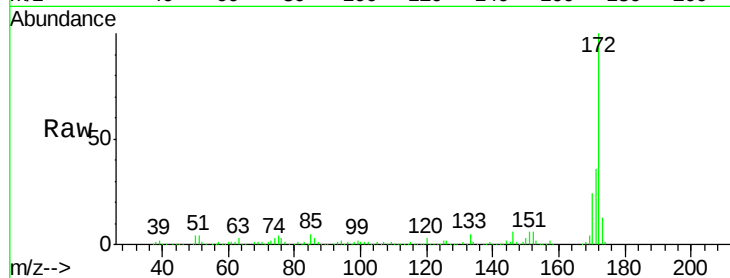
Tgt Ion:172 Resp: 1382984

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.6

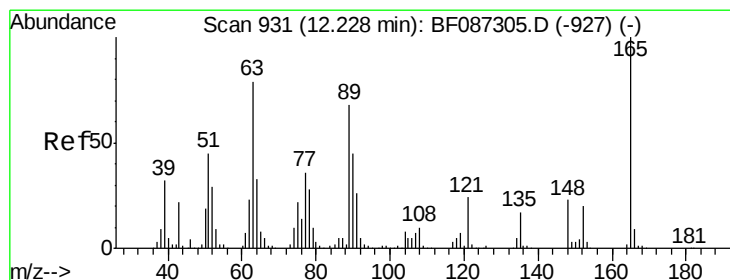
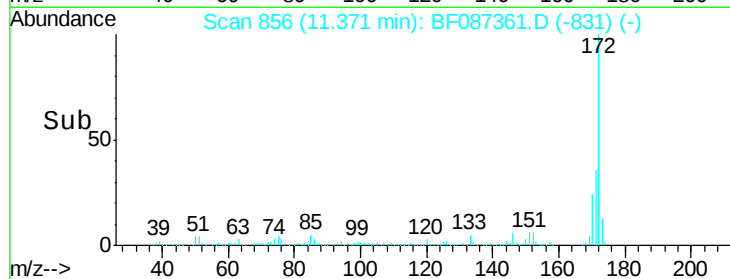
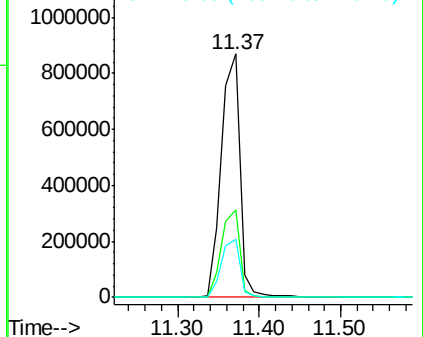
170 24.0 19.8 29.8



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



#50

2,6-Dinitrotoluene

Concen: 7.16 ng

RT: 12.41 min Scan# 947

Delta R.T. 0.23 min

Lab File: BF087361.D

Acq: 25 May 2016 4:11

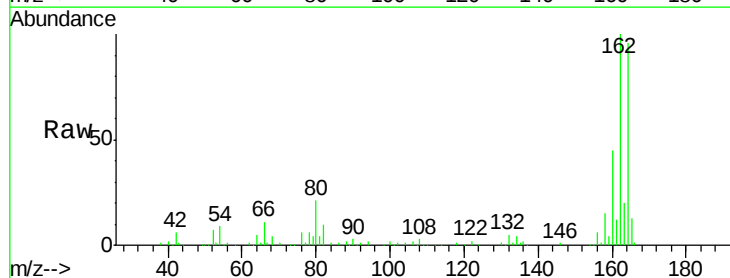
Tgt Ion:165 Resp: 24658

Ion Ratio Lower Upper

165 100

63 1.7 51.8 77.8#

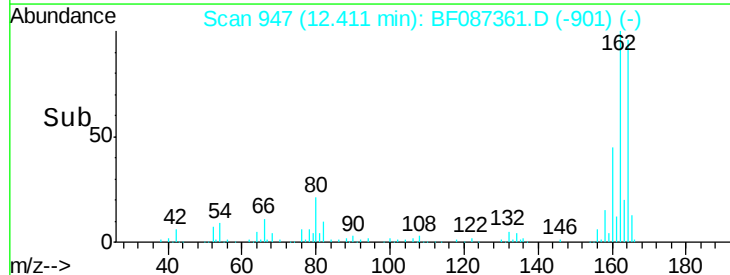
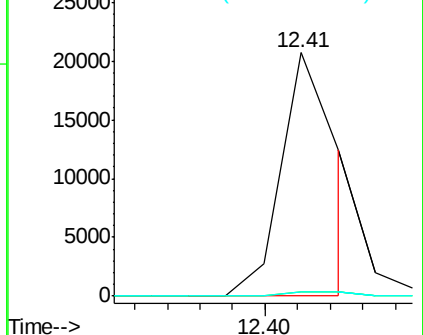
89 1.9 50.7 76.1#

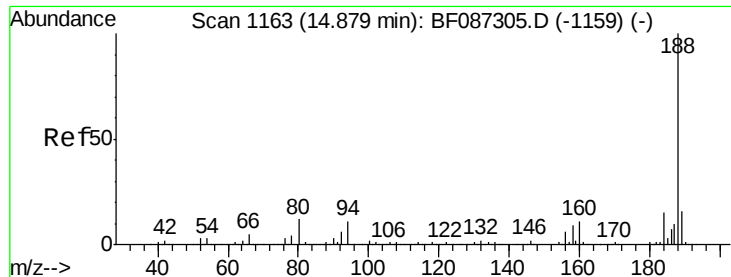


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

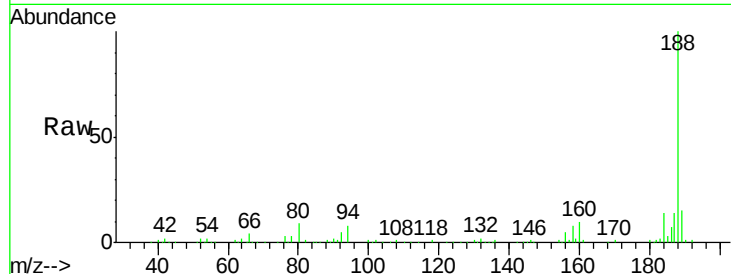




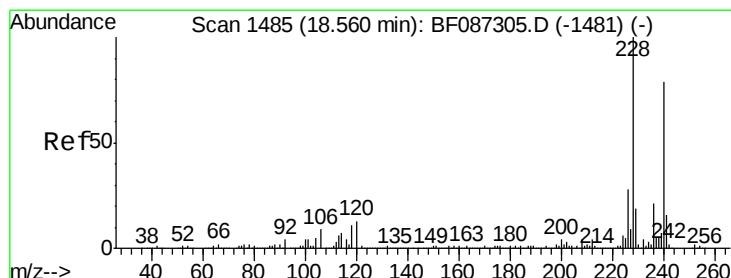
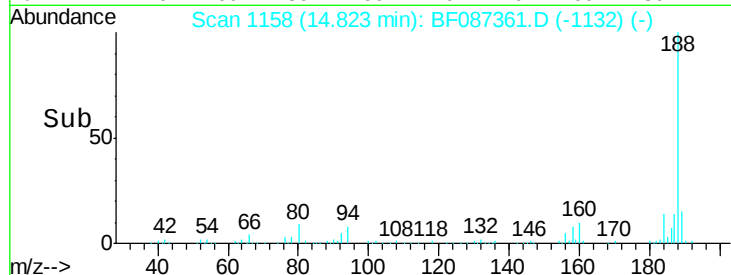
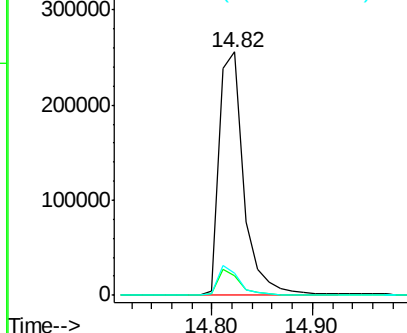
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF087361.D
Acq: 25 May 2016 4:11

Instrument :
BNA_F
ClientSampleId :
TA-1304-(0-4)

Tgt Ion:188 Resp: 436630
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.8 7.1 10.7

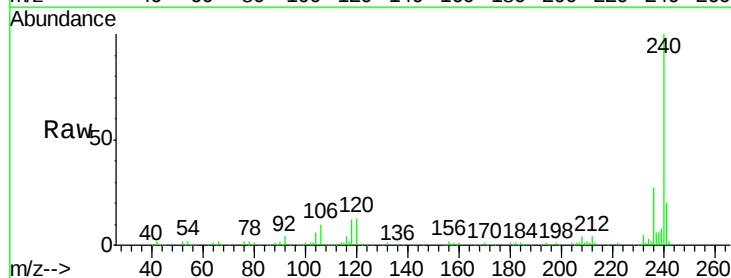


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

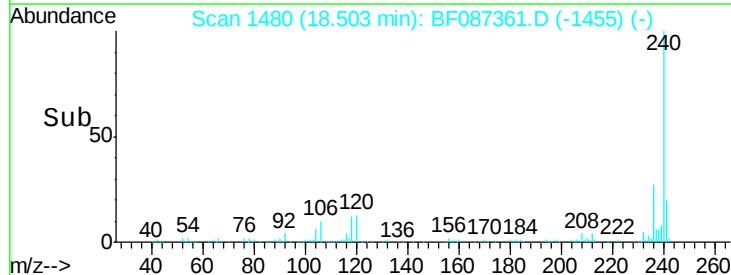
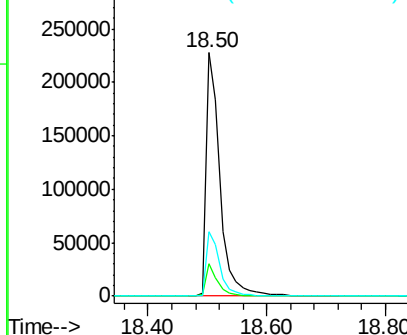


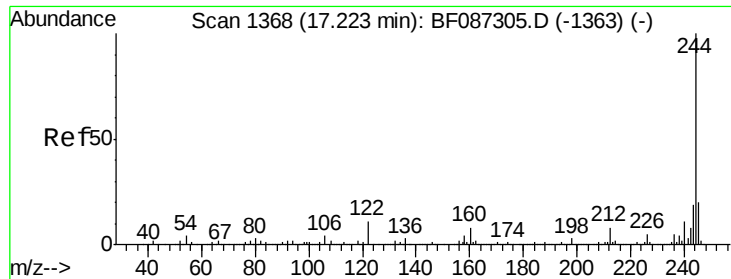
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.50 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF087361.D
Acq: 25 May 2016 4:11

Tgt Ion:240 Resp: 371717
Ion Ratio Lower Upper
240 100
120 13.5 11.2 16.8
236 26.7 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

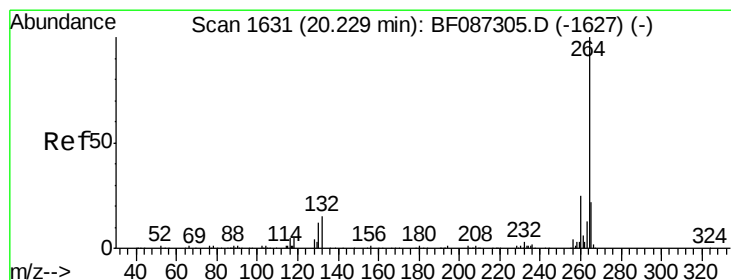
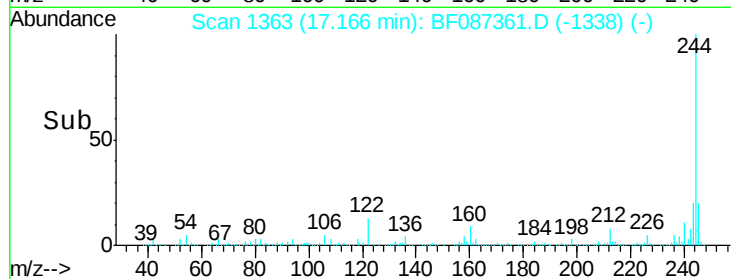
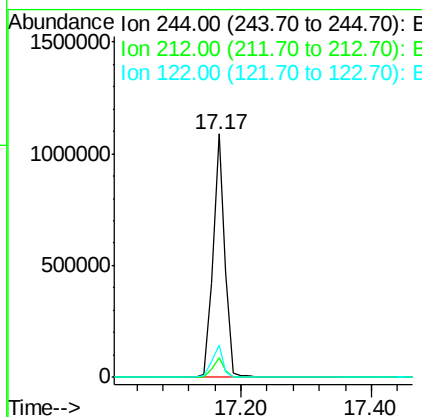
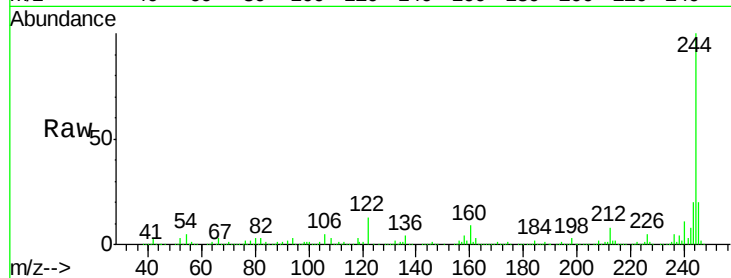




#78
 Terphenyl-d14
 Concen: 80.14 ng
 RT: 17.17 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF087361.D
 Acq: 25 May 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :
 TA-1304-(0-4)

Tgt Ion:244 Resp: 1401253
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 13.5 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.17 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BF087361.D
 Acq: 25 May 2016 4:11

Tgt Ion:264 Resp: 268593
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.0 17.3 25.9

