

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087573.D
 Acq On : 31 May 2016 4:28
 Operator : UM/SJ
 Sample : H3316-02
 Misc :
 ALS Vial : 91 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Quant Time: May 31 06:40:55 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

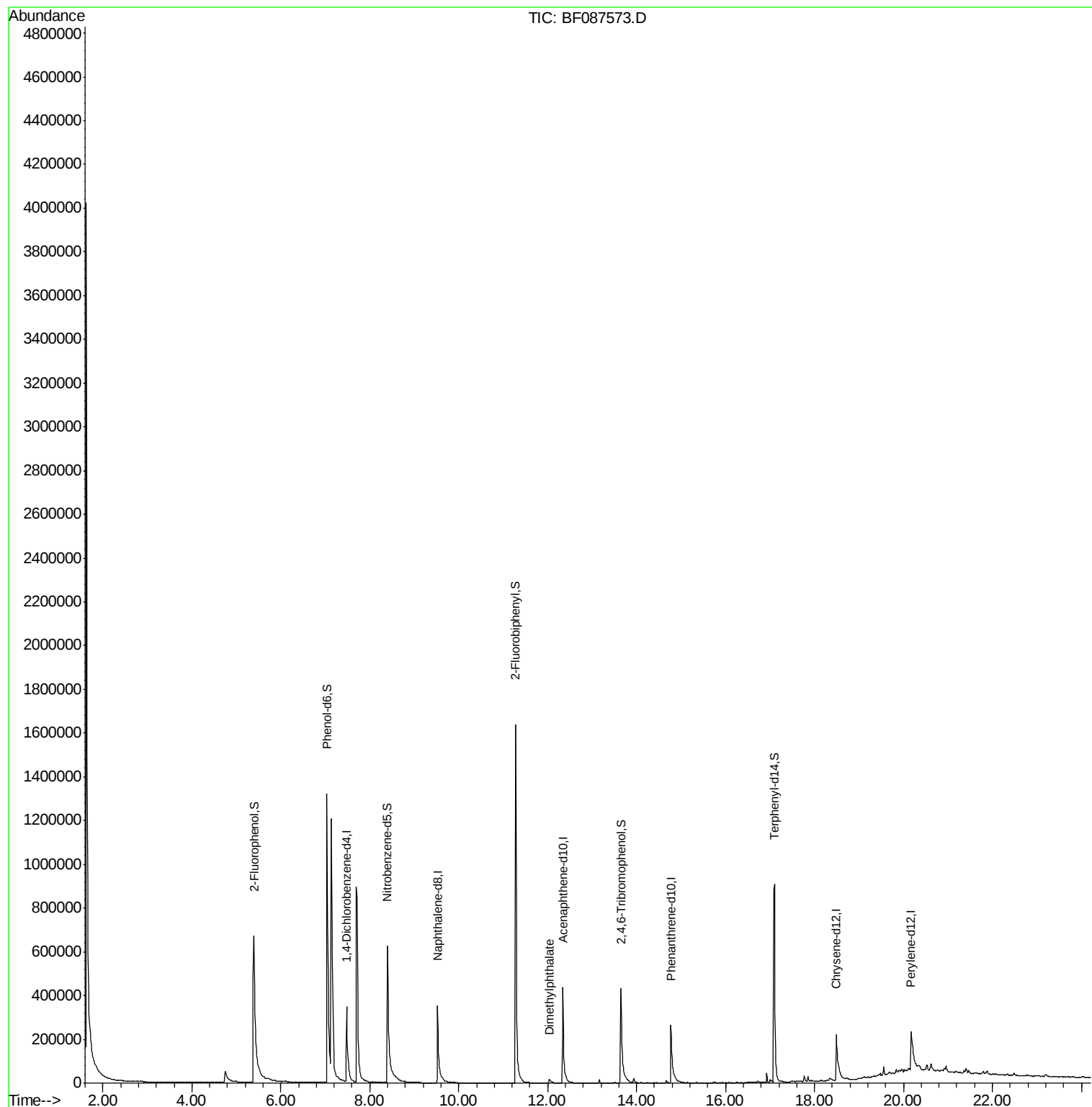
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	102442	20.00	ng	-0.03
21) Naphthalene-d8	9.52	136	399078	20.00	ng	-0.03
38) Acenaphthene-d10	12.34	164	183159	20.00	ng	-0.05
63) Phenanthrene-d10	14.77	188	302958	20.00	ng	-0.01
75) Chrysene-d12	18.49	240	223794	20.00	ng	0.01
86) Perylene-d12	20.17	264	205956	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	539727	92.58	ng	-0.02
7) Phenol-d6	7.04	99	785191	99.67	ng	-0.03
23) Nitrobenzene-d5	8.40	82	488058	61.64	ng	-0.05
41) 2,4,6-Tribromophenol	13.65	330	132192	75.10	ng	-0.03
44) 2-Fluorobiphenyl	11.28	172	774124	59.58	ng	-0.06
78) Terphenyl-d14	17.10	244	535611	50.88	ng	-0.03
Target Compounds						
49) Dimethylphthalate	12.05	163	30067	2.05	ng	Qvalue # 94

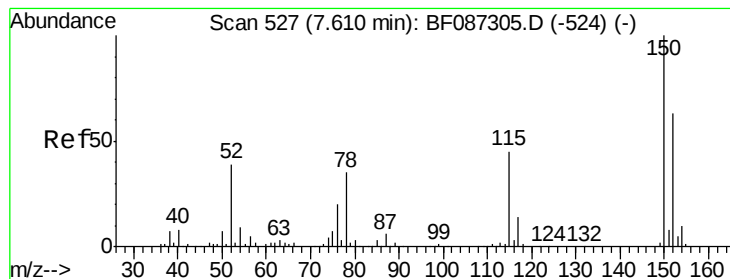
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF087573.D

Acq: 31 May 2016 4:28

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

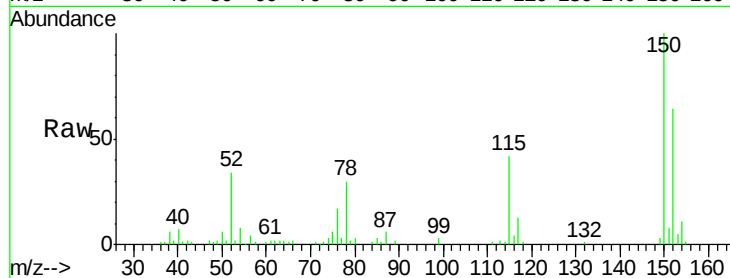
Tot Ion:152 Resp: 102442

Ion Ratio Lower Upper

152 100

150 156.9 125.8 188.6

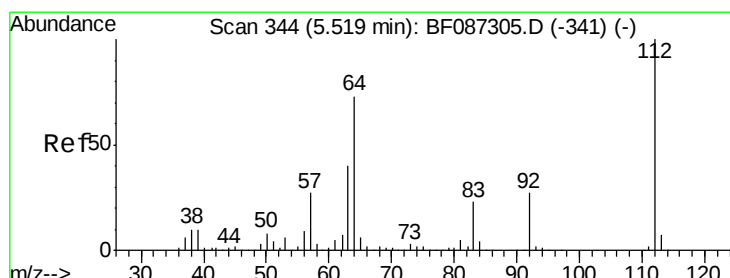
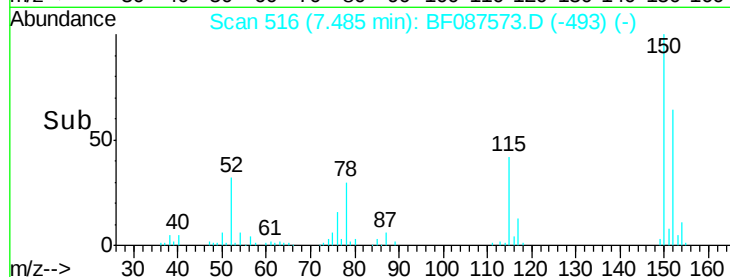
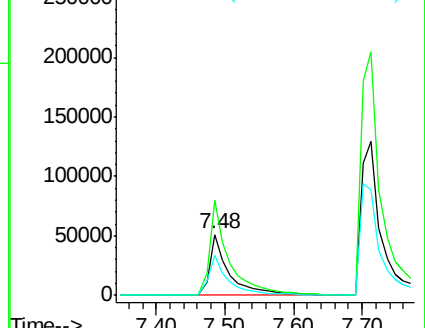
115 65.9 51.5 77.3



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



#5

2-Fluorophenol

Concen: 92.58 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.02 min

Lab File: BF087573.D

Acq: 31 May 2016 4:28

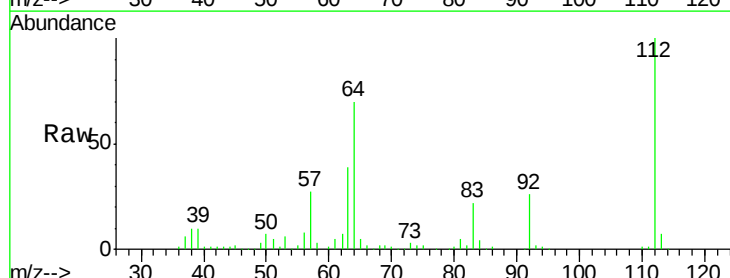
Tgt Ion:112 Resp: 539727

Ion Ratio Lower Upper

112 100

64 69.5 52.1 78.1

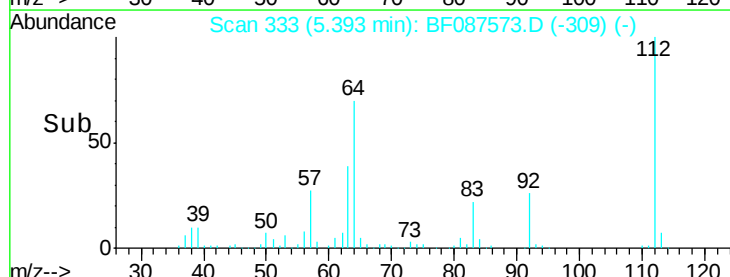
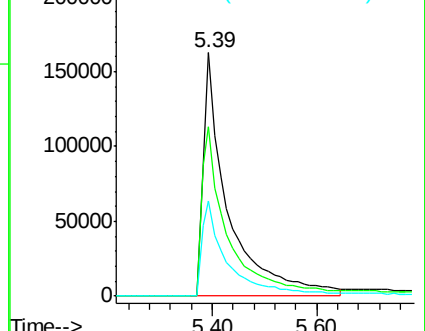
63 39.3 25.7 38.5#

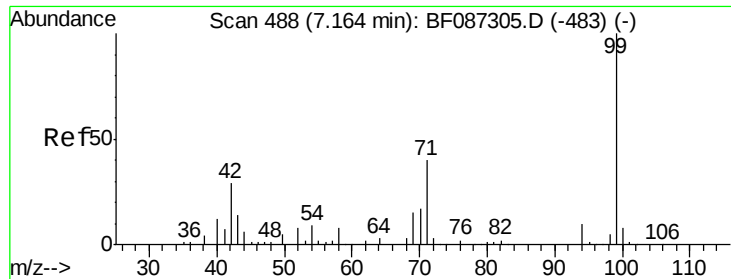


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.67 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF087573.D

Acq: 31 May 2016 4:28

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

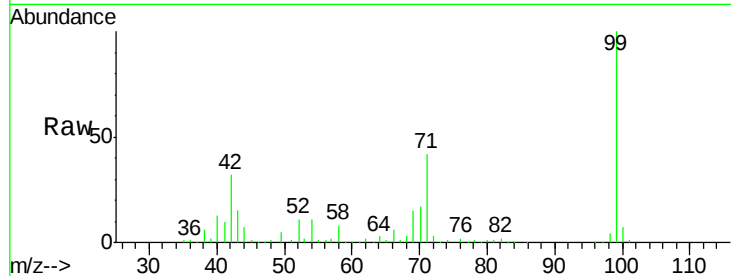
Tot Ion: 99 Resp: 785191

Ion Ratio Lower Upper

99 100

42 31.6 13.6 20.4#

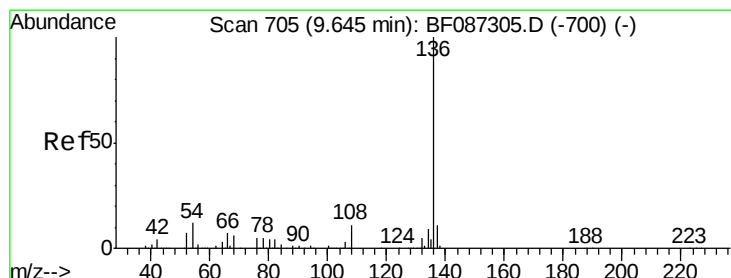
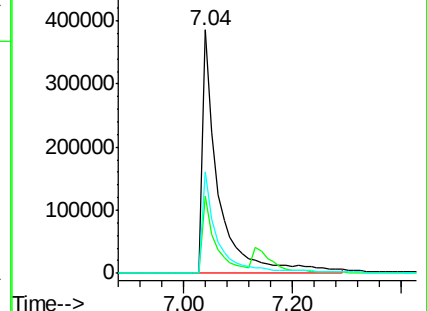
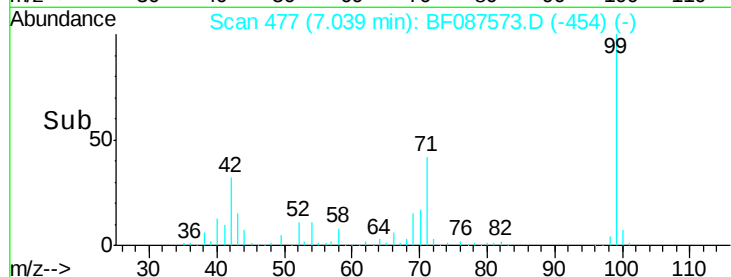
71 41.8 24.6 36.8#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF087573.D

Acq: 31 May 2016 4:28

Tgt Ion: 136 Resp: 399078

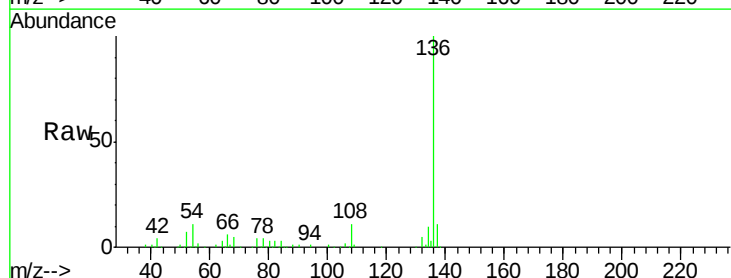
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 10.8 5.0 7.4#

68 5.4 4.4 6.6

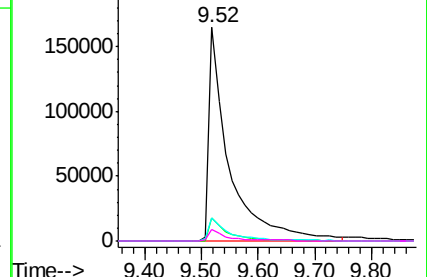
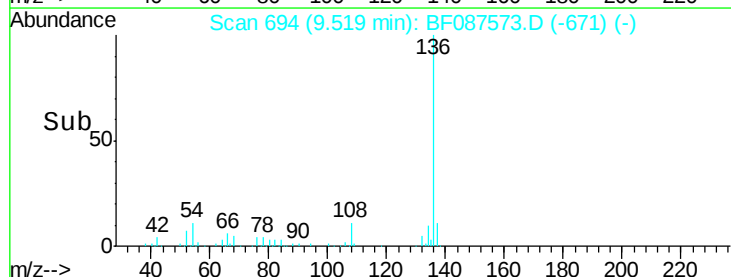


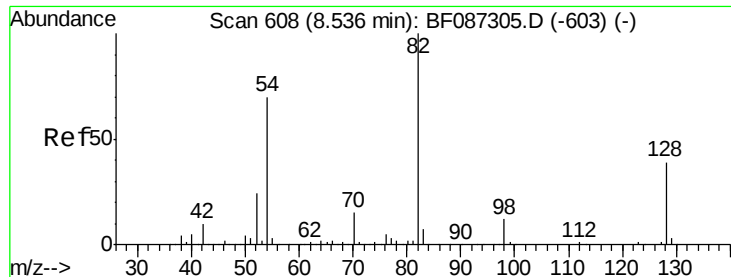
Abundance Ion 136.00 (135.70 to 136.70): E

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

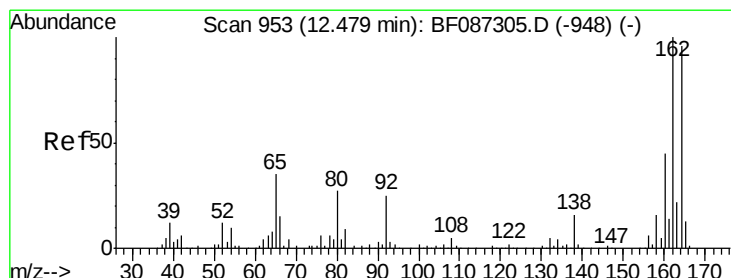
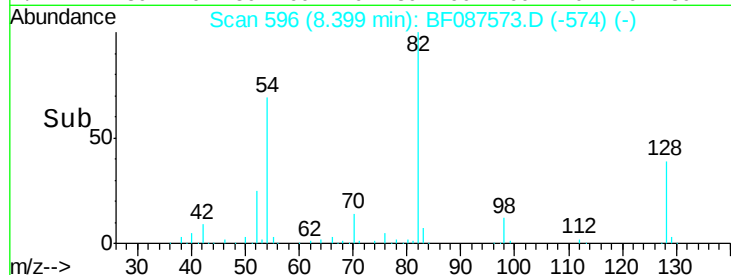
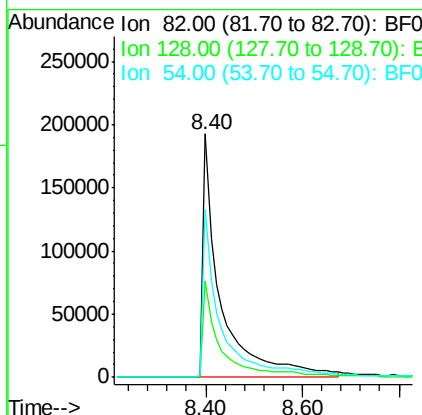
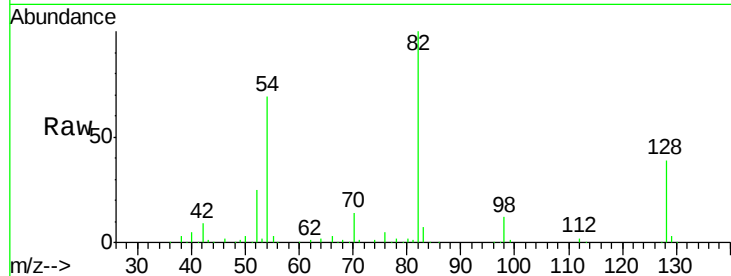




#23
 Nitrobenzene-d5
 Concen: 61.64 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.05 min
 Lab File: BF087573.D
 Acq: 31 May 2016 4:28

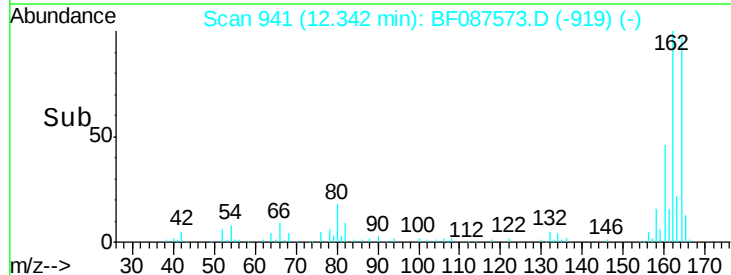
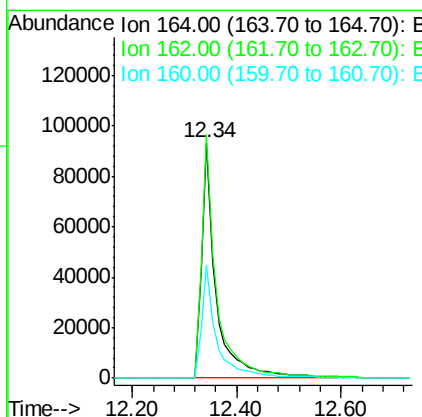
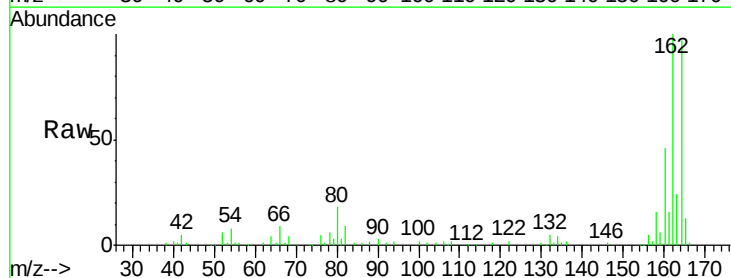
Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

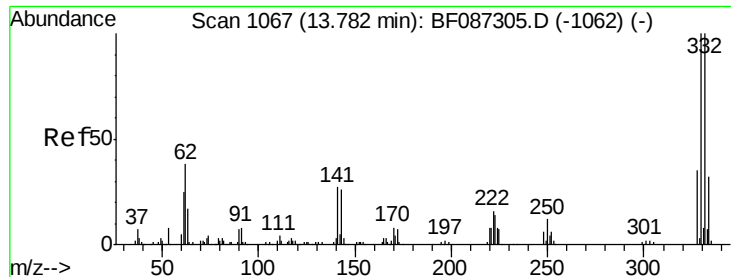
Tot Ion: 82 Resp: 488058
 Ion Ratio Lower Upper
 82 100
 128 39.4 40.6 61.0#
 54 69.2 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.34 min Scan# 941
 Delta R.T. -0.05 min
 Lab File: BF087573.D
 Acq: 31 May 2016 4:28

Tgt Ion: 164 Resp: 183159
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.8 124.2
 160 47.8 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 75.10 ng

RT: 13.65 min Scan# 1055

Delta R.T. -0.03 min

Lab File: BF087573.D

Acq: 31 May 2016 4:28

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

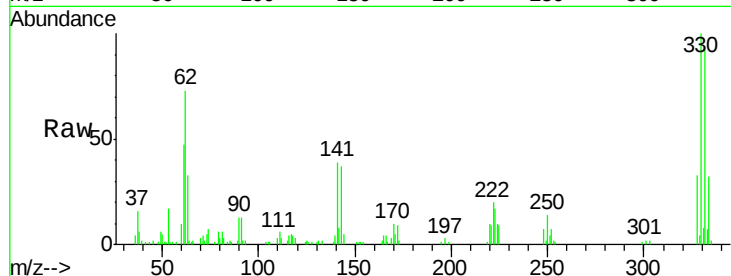
Tot Ion:330 Resp: 132192

Ion Ratio Lower Upper

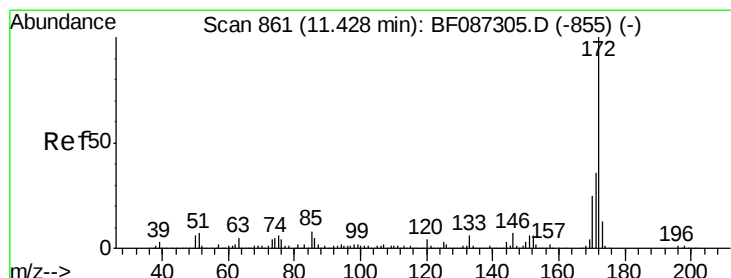
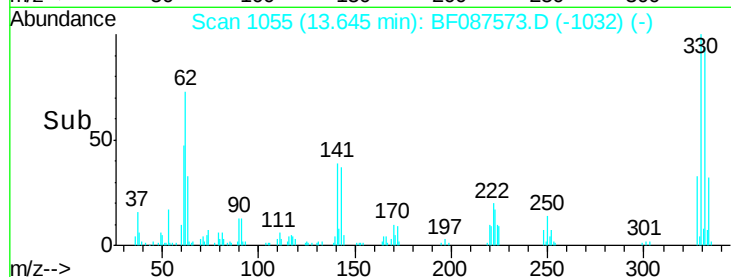
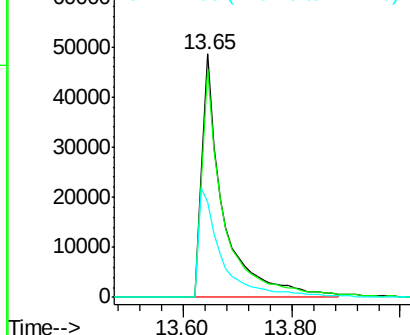
330 100

332 95.6 79.0 118.4

141 47.9 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: 59.58 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.06 min

Lab File: BF087573.D

Acq: 31 May 2016 4:28

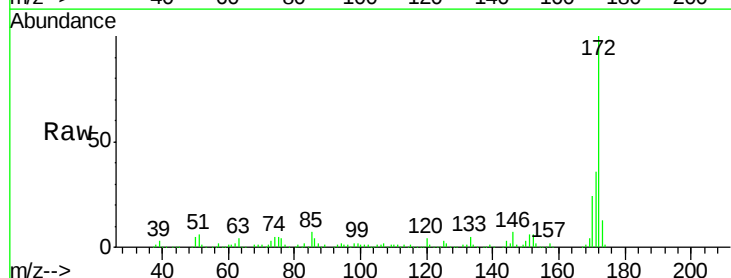
Tgt Ion:172 Resp: 774124

Ion Ratio Lower Upper

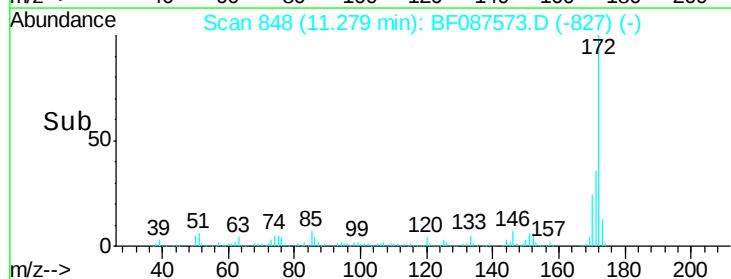
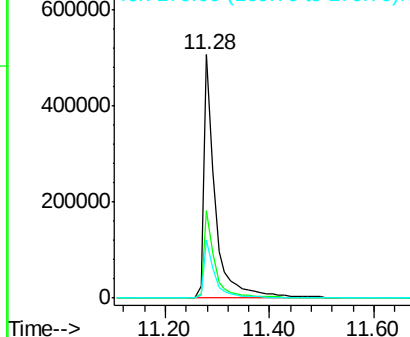
172 100

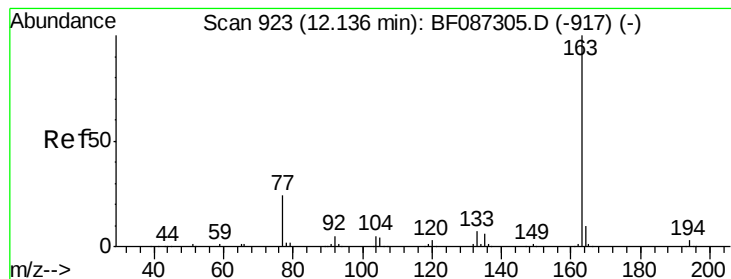
171 35.8 29.0 43.6

170 23.9 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: 2.05 ng

RT: 12.05 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF087573.D

Acq: 31 May 2016 4:28

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

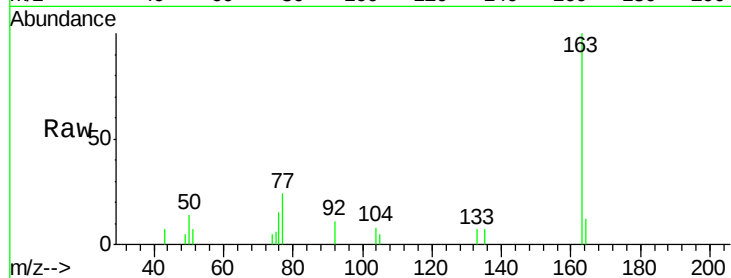
Tot Ion:163 Resp: 30067

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

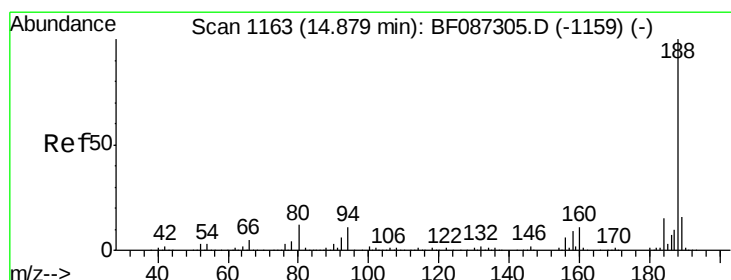
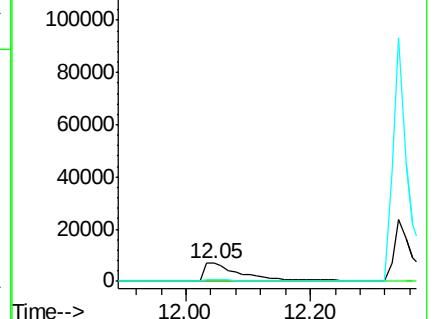
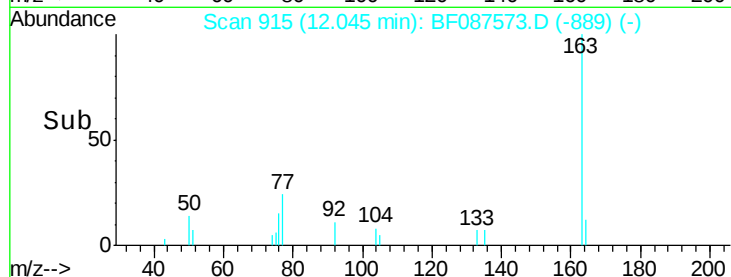
164 12.1 8.2 12.4



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: BF087573.D

Acq: 31 May 2016 4:28

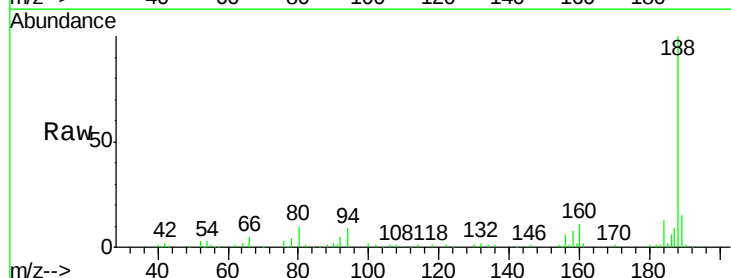
Tgt Ion:188 Resp: 302958

Ion Ratio Lower Upper

188 100

94 9.0 6.8 10.2

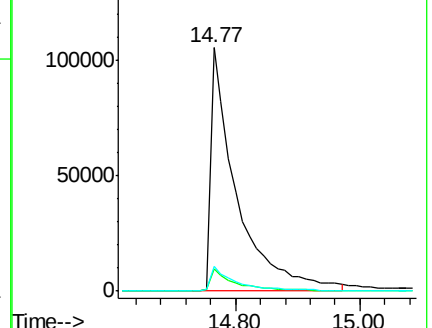
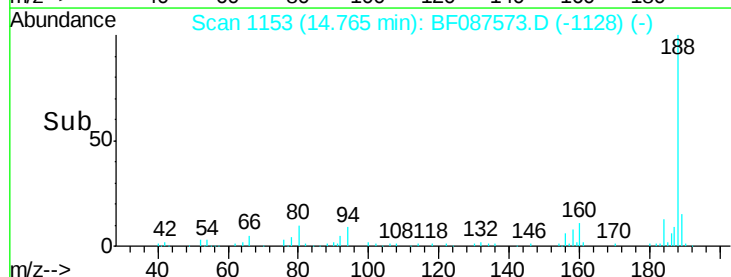
80 10.1 7.1 10.7

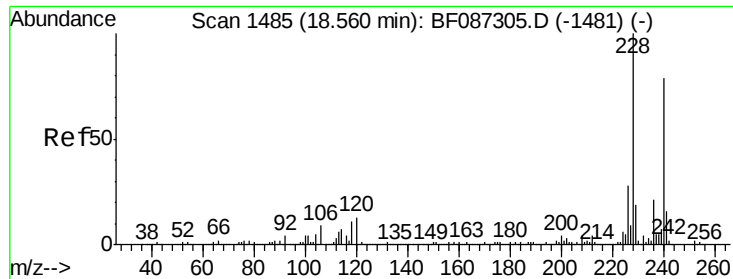


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.49 min Scan# 1479

Delta R.T. 0.01 min

Lab File: BF087573.D

Acq: 31 May 2016 4:28

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

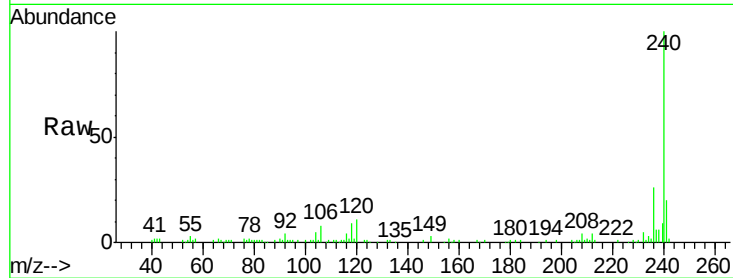
Tot Ion:240 Resp: 223794

Ion Ratio Lower Upper

240 100

120 11.0 11.2 16.8#

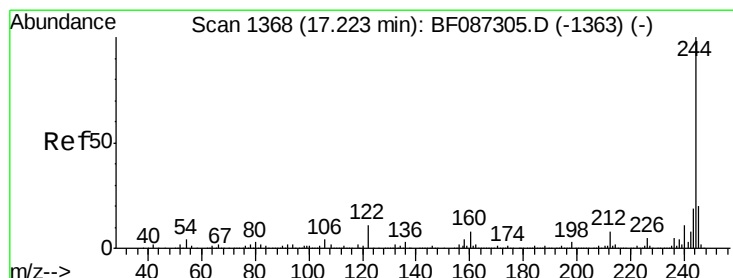
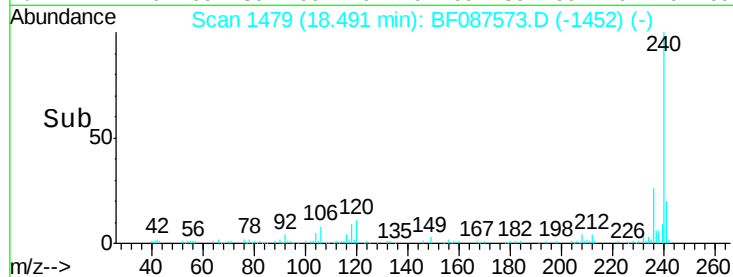
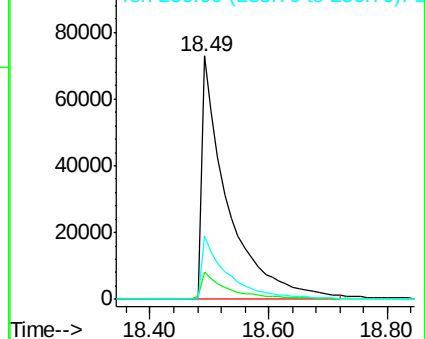
236 25.8 21.2 31.8



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: 50.88 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.03 min

Lab File: BF087573.D

Acq: 31 May 2016 4:28

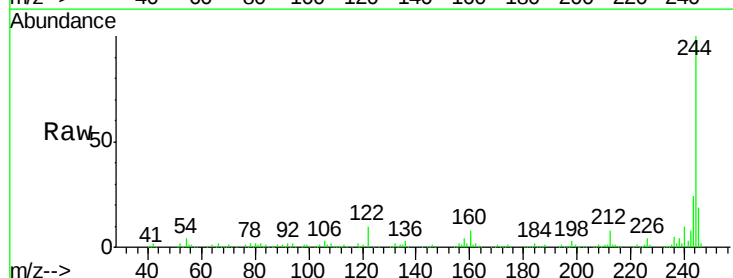
Tgt Ion:244 Resp: 535611

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

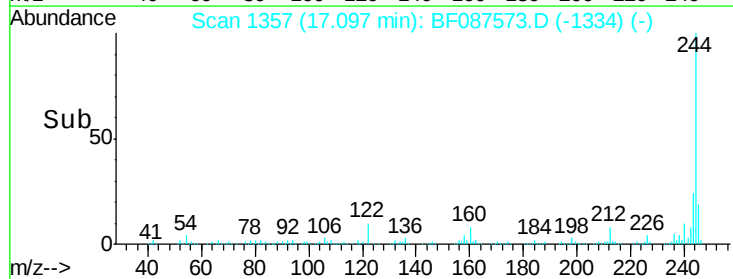
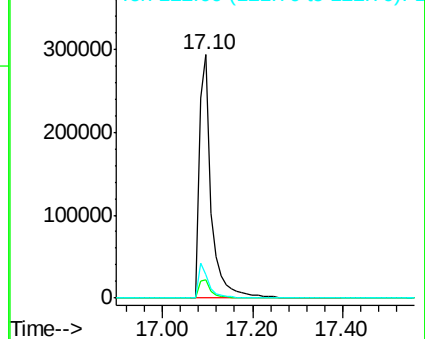
122 9.7 12.0 18.0#

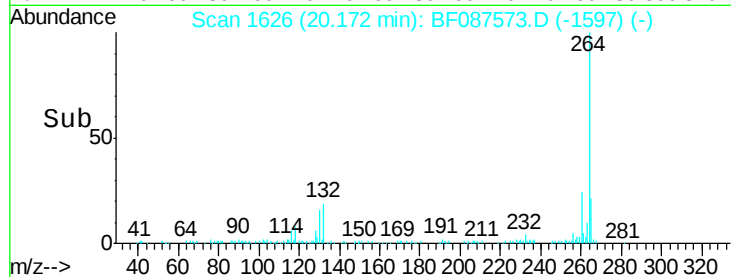
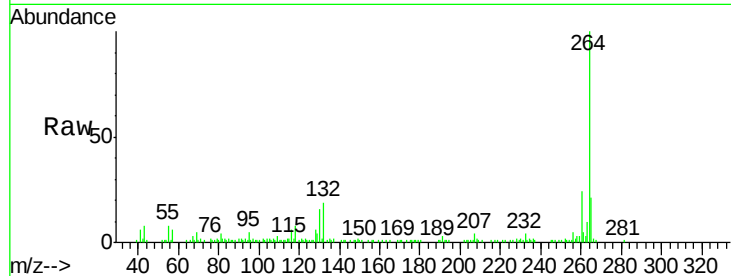
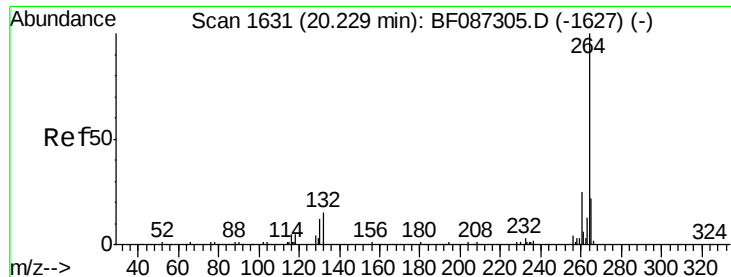


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.17 min Scan# 1626
 Delta R.T. 0.03 min
 Lab File: BF087573.D
 Acq: 31 May 2016 4:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tot Ion:	264	Resp:	205956
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.5	17.3	25.9

