

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086549.D
 Acq On : 1 May 2016 4:17
 Operator : UM/SJ
 Sample : H2715-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-6(12-25FTBGS)

Quant Time: May 02 00:46:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

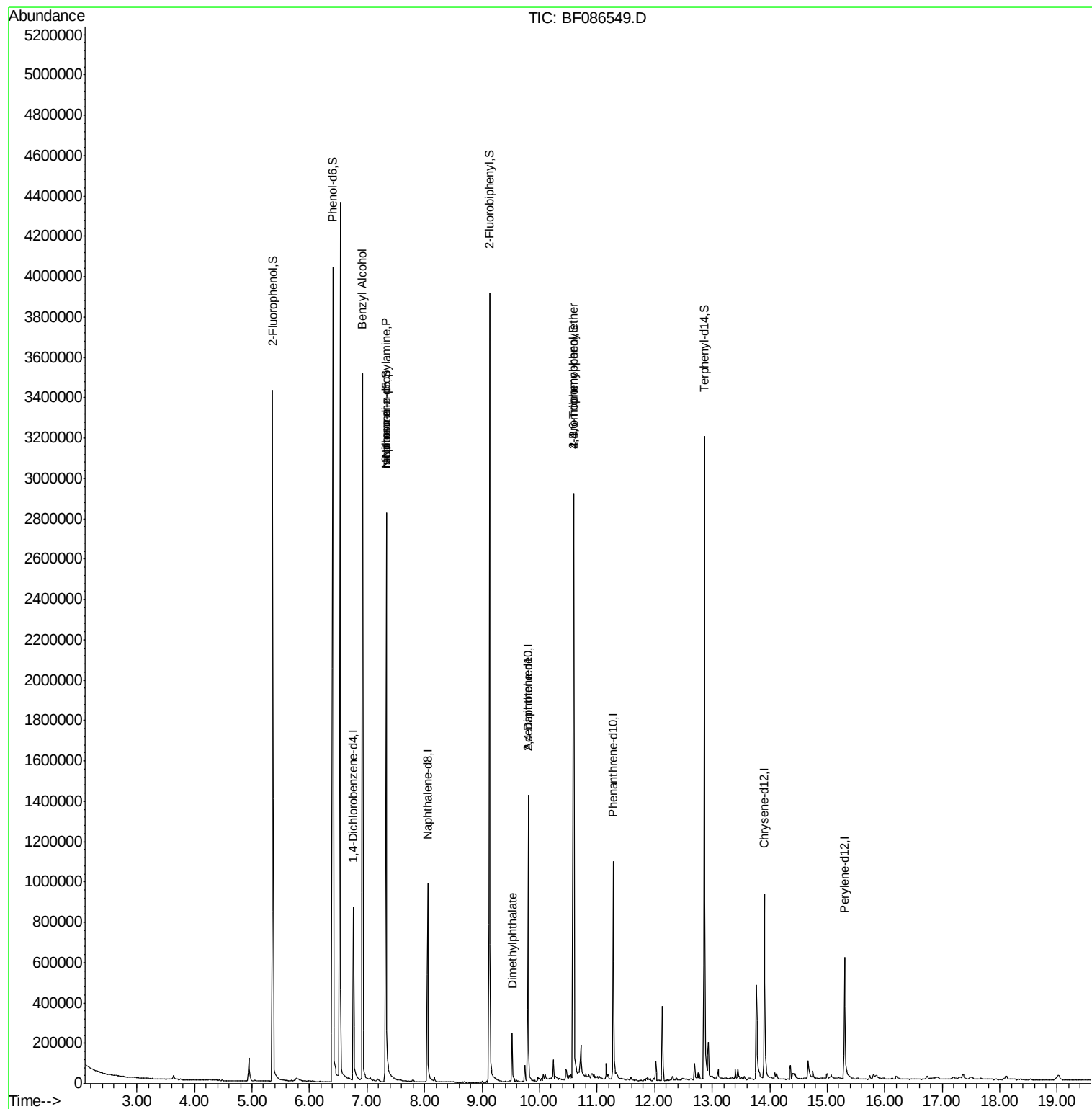
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	134981	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	578083	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	280950	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	531822	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	419370	20.00	ng	-0.06
86) Perylene-d12	15.30	264	319484	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1080344	138.05	ng	-0.03
7) Phenol-d6	6.41	99	1521230	139.28	ng	-0.03
23) Nitrobenzene-d5	7.33	82	1034306	96.44	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	386719	130.52	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1257741	76.65	ng	-0.05
78) Terphenyl-d14	12.87	244	1090507	57.29	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	6.92	79	17092	2.47	ng	# 40
19) n-Nitroso-di-n-propylamine	7.33	70	139652	19.34	ng	# 77
25) Isophorone	7.33	82	736781	35.70	ng	# 68
49) Dimethylphthalate	9.53	163	146677	6.93	ng	# 99
56) 2,4-Dinitrotoluene	9.80	165	35351	6.35	ng	# 16
66) 4-Bromophenyl-phenylether	10.59	248	23766	4.34	ng	# 1

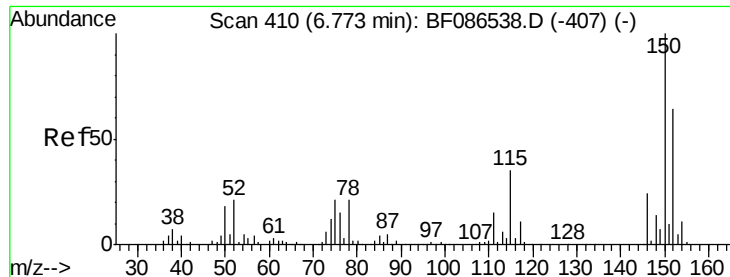
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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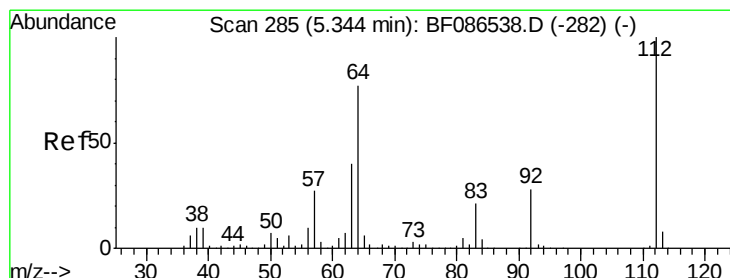
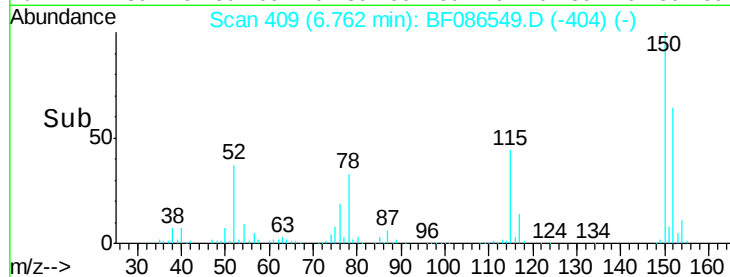
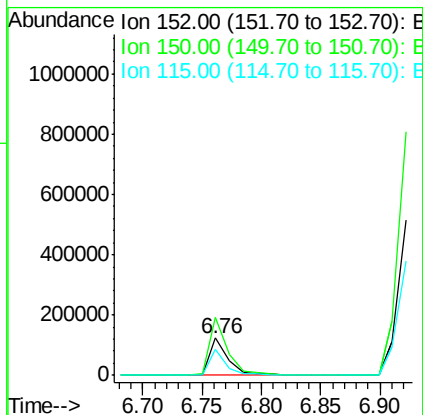
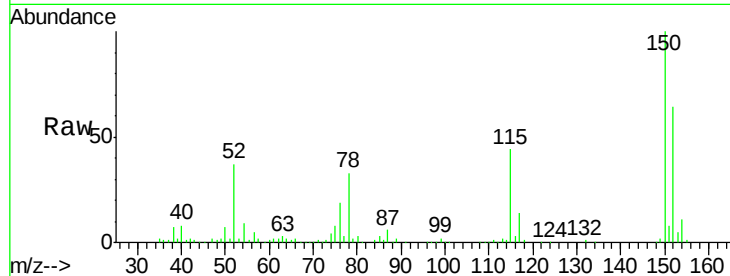


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF086549.D
Acq: 1 May 2016 4:17

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)

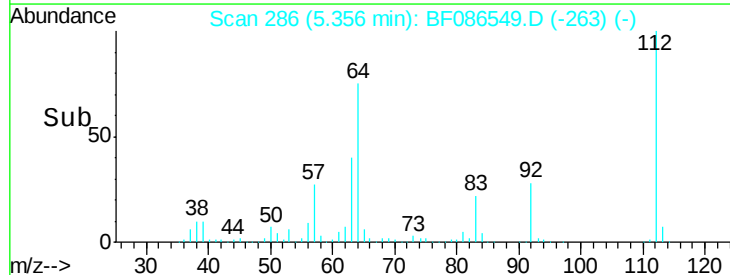
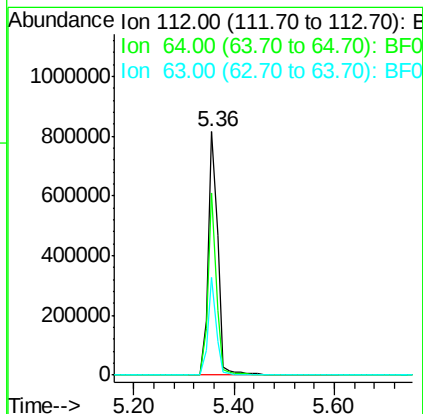
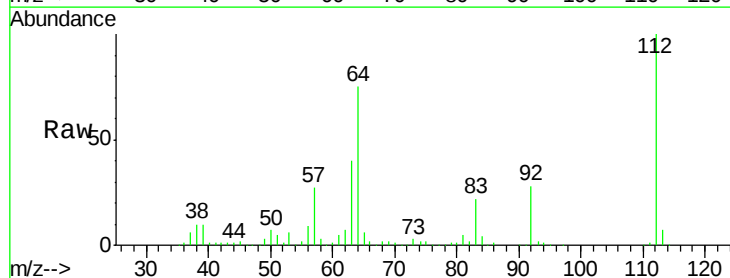
Tgt Ion:152 Resp: 134981
Ion Ratio Lower Upper
152 100
150 157.2 125.8 188.6
115 68.8 51.5 77.3

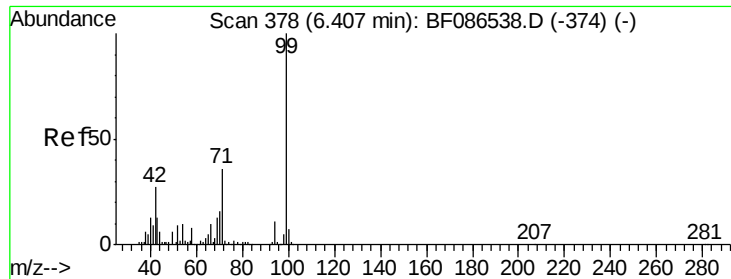


#5

2-Fluorophenol
Concen: 138.05 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.03 min
Lab File: BF086549.D
Acq: 1 May 2016 4:17

Tgt Ion:112 Resp: 1080344
Ion Ratio Lower Upper
112 100
64 74.9 52.1 78.1
63 40.0 25.7 38.5#





#7

Phenol-d6

Concen: 139.28 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086549.D

Acq: 1 May 2016 4:17

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)

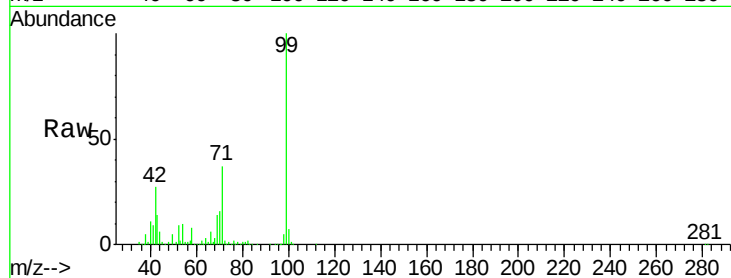
Tgt Ion: 99 Resp: 1521230

Ion Ratio Lower Upper

99 100

42 27.5 13.6 20.4#

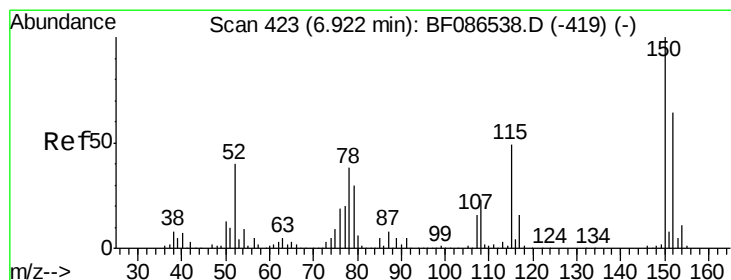
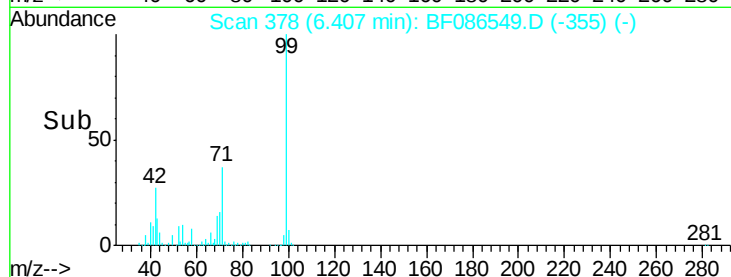
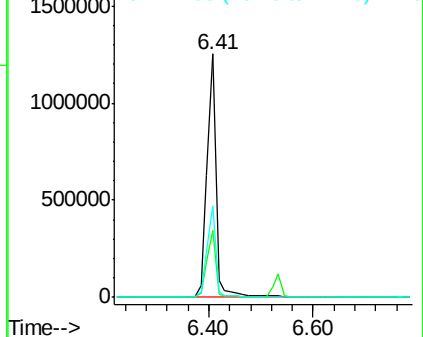
71 37.5 24.6 36.8#



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: 2.47 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.03 min

Lab File: BF086549.D

Acq: 1 May 2016 4:17

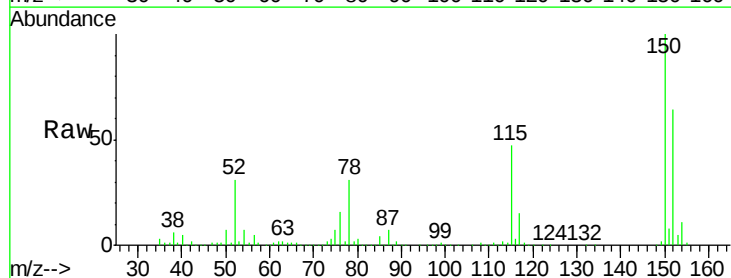
Tgt Ion: 79 Resp: 17092

Ion Ratio Lower Upper

79 100

108 33.4 68.4 102.6#

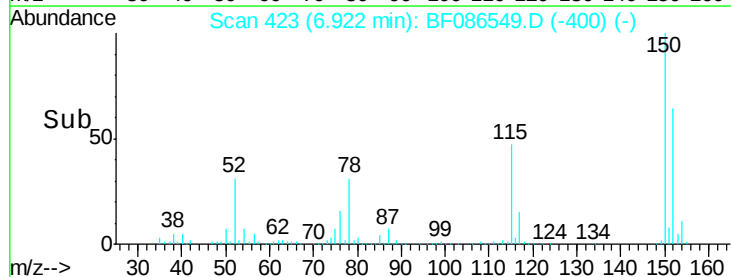
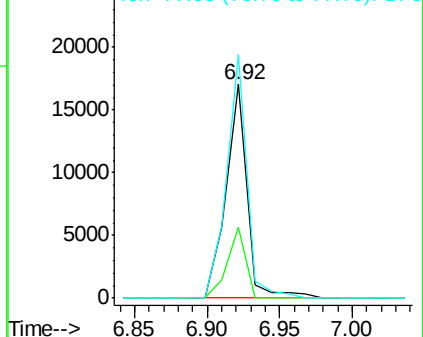
77 113.8 50.6 76.0#

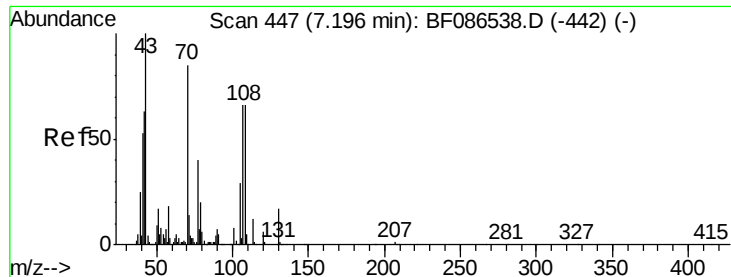


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

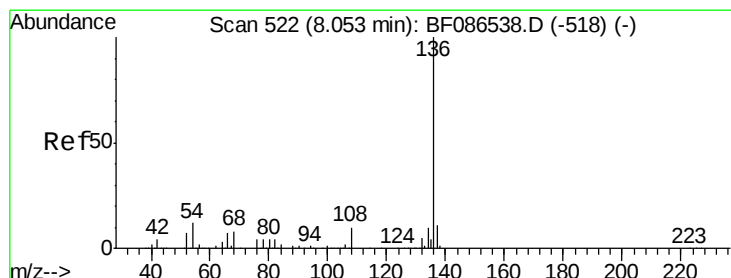
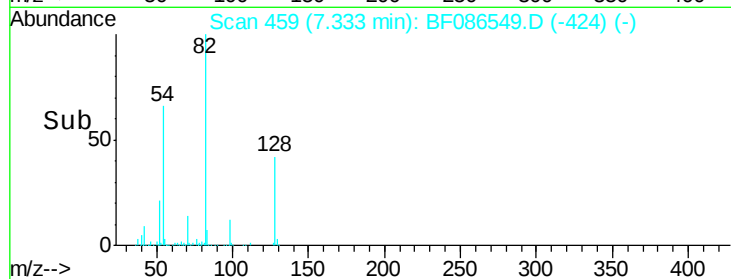
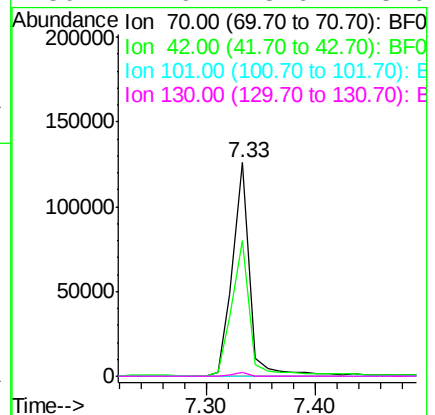
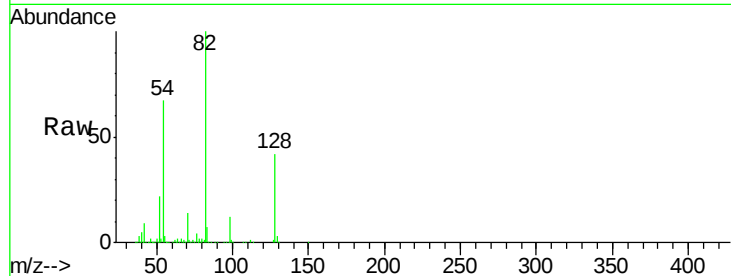




#19
n-Nitroso-di-n-propylamine
Concen: 19.34 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.10 min
Lab File: BF086549.D
Acq: 1 May 2016 4:17

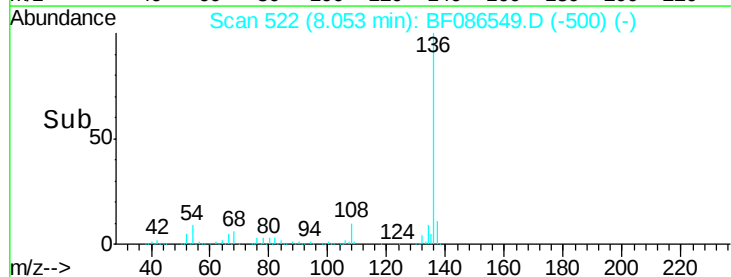
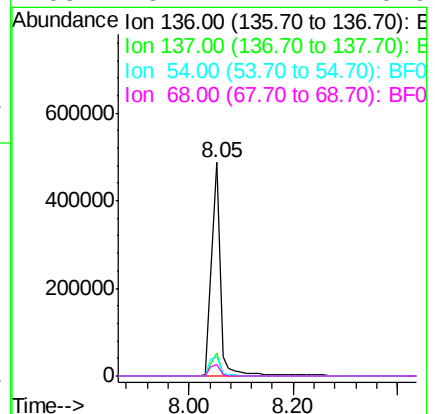
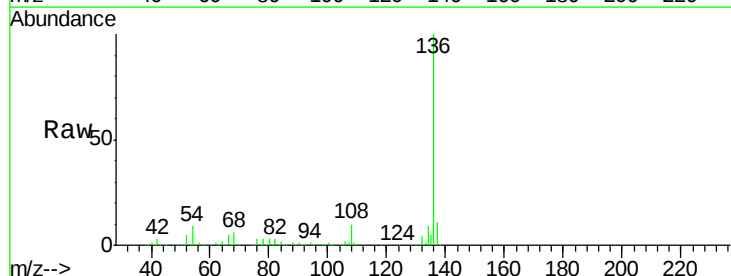
Instrument :
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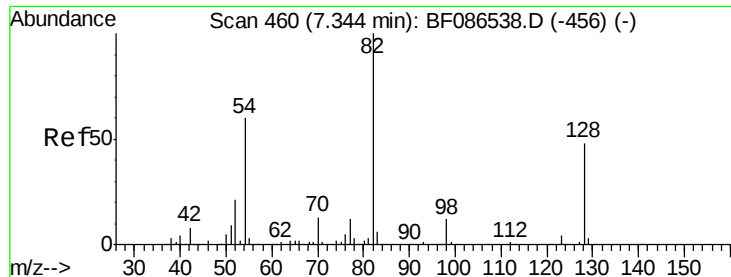
Tgt Ion: 70 Resp: 139652
Ion Ratio Lower Upper
70 100
42 63.3 43.1 64.7
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.05 min
Lab File: BF086549.D
Acq: 1 May 2016 4:17

Tgt Ion: 136 Resp: 578083
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.9 5.0 7.4#
68 5.7 4.4 6.6

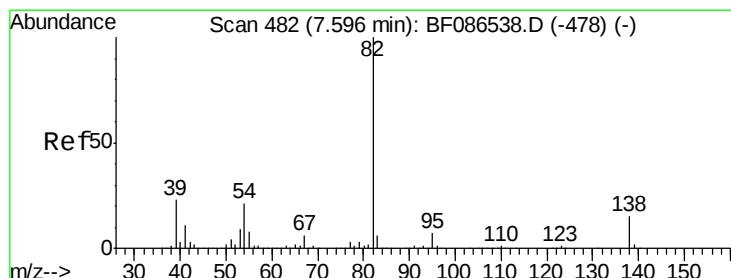
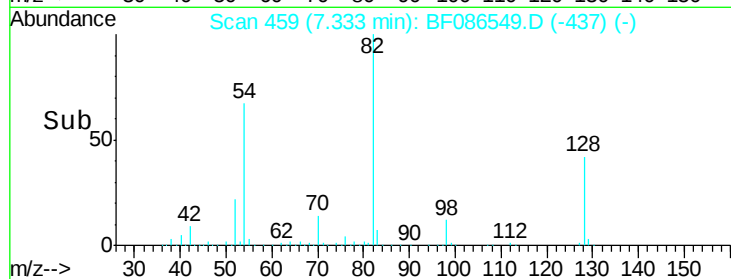
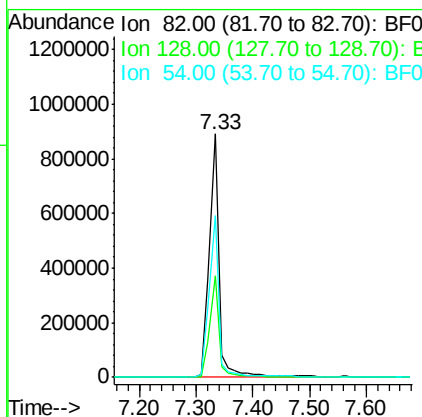
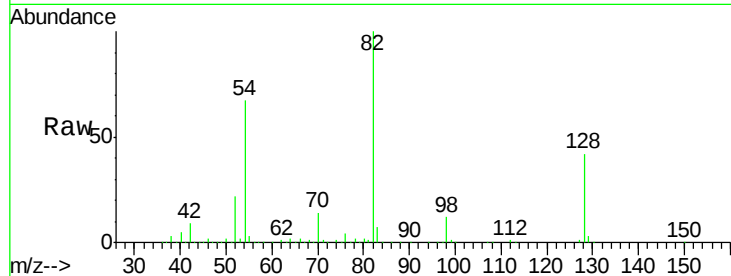




#23
Nitrobenzene-d5
Concen: 96.44 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.05 min
Lab File: BF086549.D
Acq: 1 May 2016 4:17

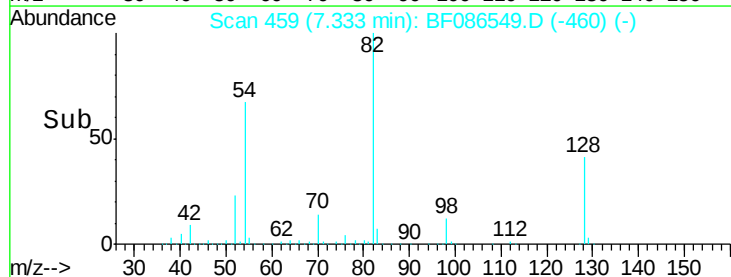
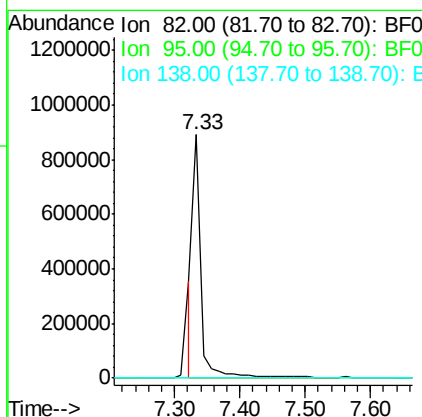
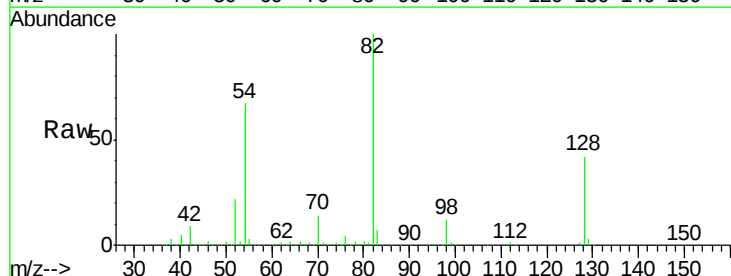
Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)

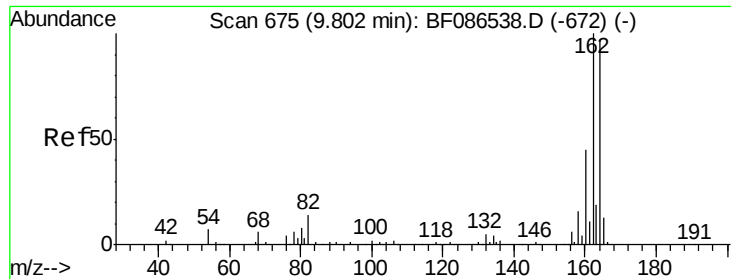
Tgt Ion: 82 Resp: 1034306
Ion Ratio Lower Upper
82 100
128 41.7 40.6 61.0
54 66.6 38.1 57.1#



#25
Isophorone
Concen: 35.70 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.31 min
Lab File: BF086549.D
Acq: 1 May 2016 4:17

Tgt Ion: 82 Resp: 736781
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.4 18.6#

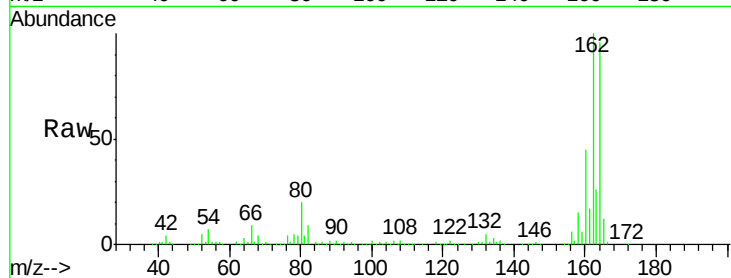




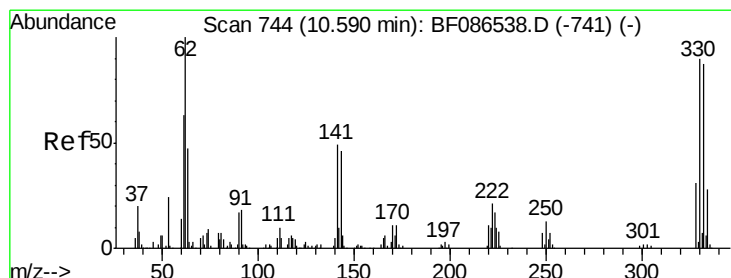
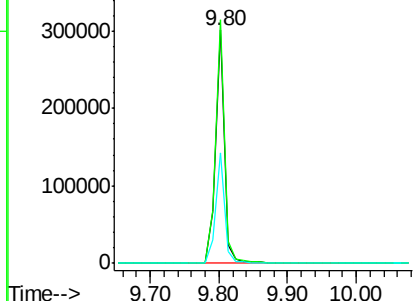
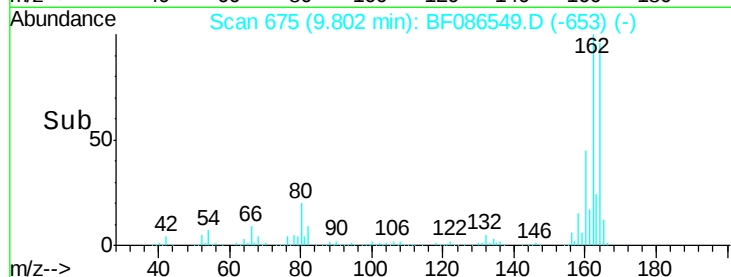
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.05 min
Lab File: BF086549.D
Acq: 1 May 2016 4:17

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)

Tgt Ion:164 Resp: 280950
Ion Ratio Lower Upper
164 100
162 104.5 82.8 124.2
160 47.5 36.9 55.3

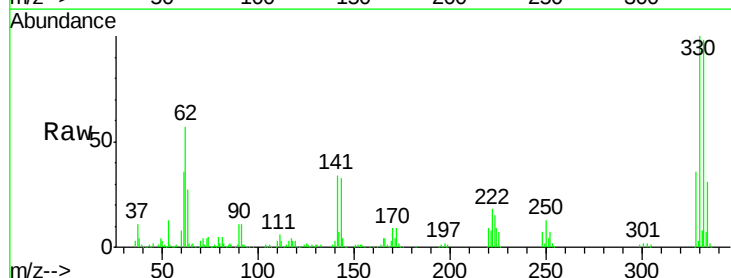


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

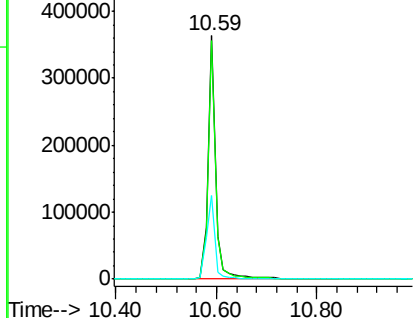
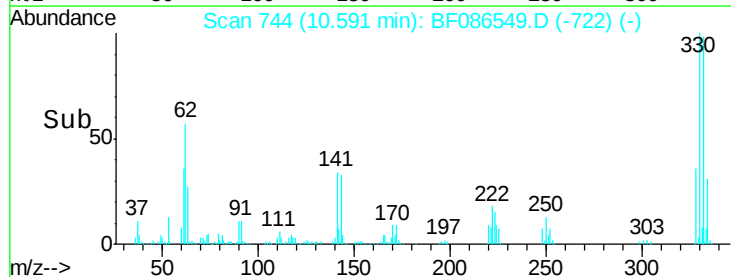


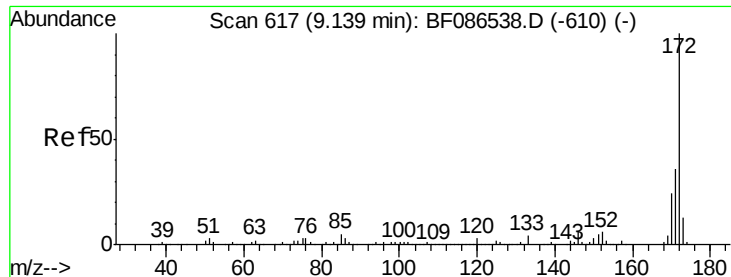
#41
2,4,6-Tribromophenol
Concen: 130.52 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.05 min
Lab File: BF086549.D
Acq: 1 May 2016 4:17

Tgt Ion:330 Resp: 386719
Ion Ratio Lower Upper
330 100
332 96.3 79.0 118.4
141 38.0 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

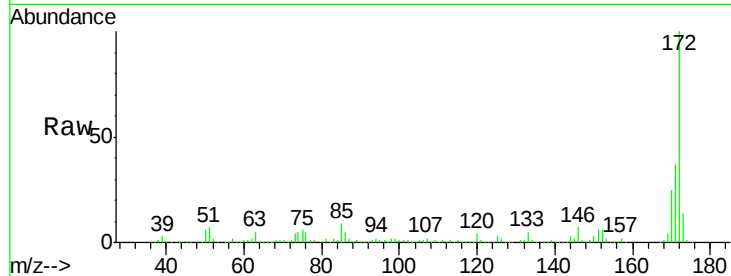




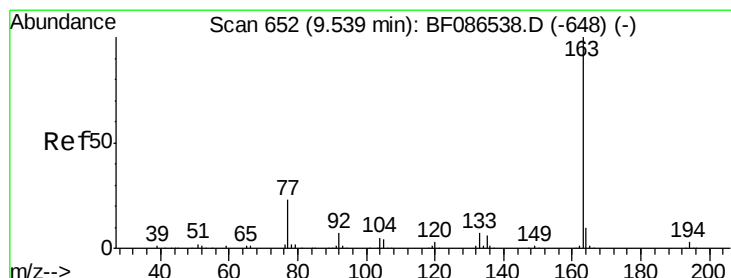
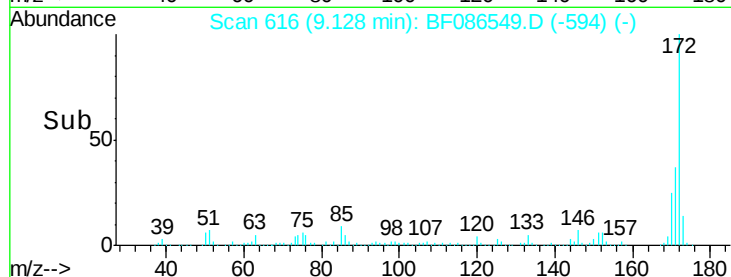
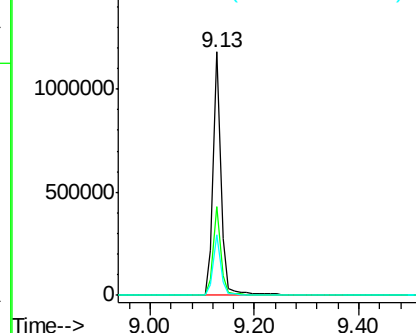
#44
2-Fluorobiphenyl
Concen: 76.65 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.05 min
Lab File: BF086549.D
Acq: 1 May 2016 4:17

Instrument :
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ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)

Tgt Ion:172 Resp: 1257741
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.6
170 24.8 19.8 29.8

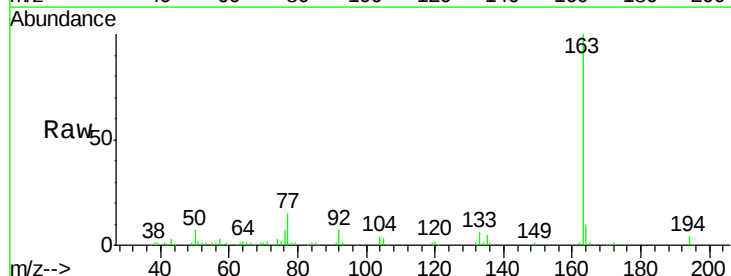


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

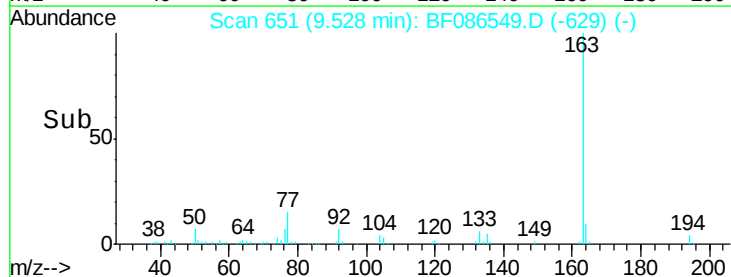
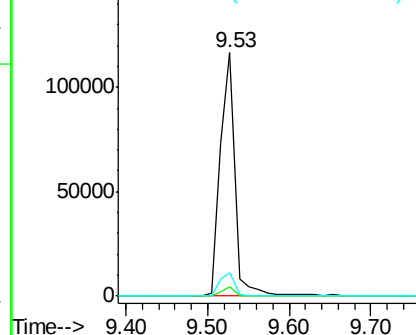


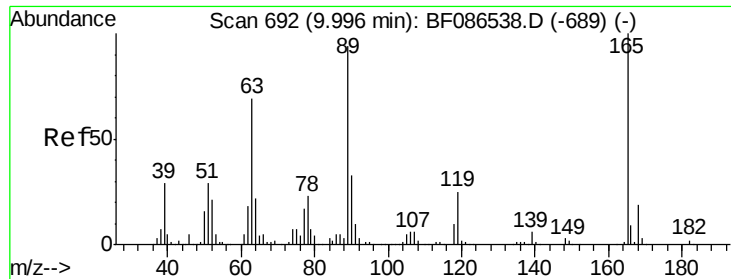
#49
Dimethylphthalate
Concen: 6.93 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.05 min
Lab File: BF086549.D
Acq: 1 May 2016 4:17

Tgt Ion:163 Resp: 146677
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.8 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

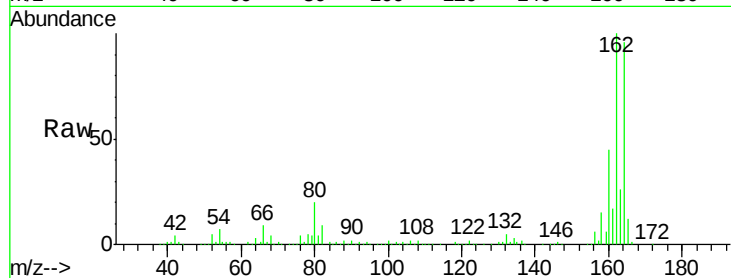




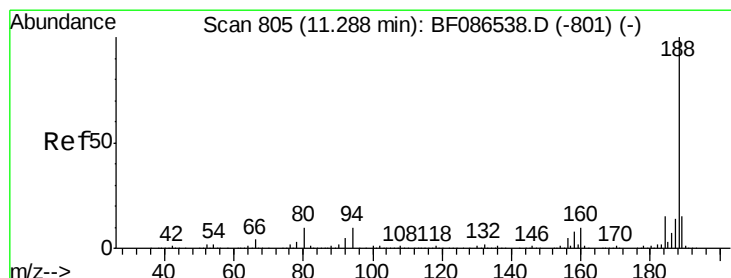
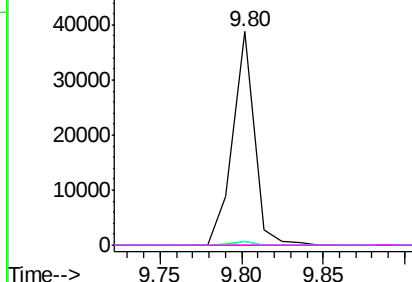
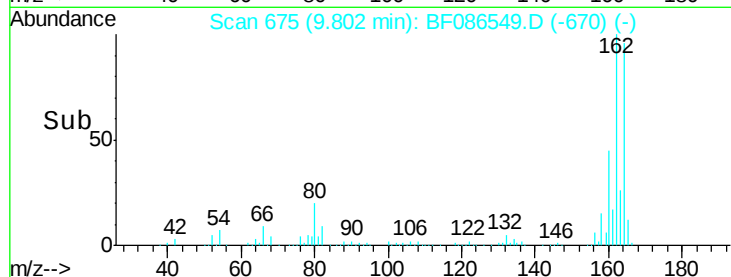
#56
 2,4-Dinitrotoluene
 Concen: 6.35 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.24 min
 Lab File: BF086549.D
 Acq: 1 May 2016 4:17

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-6(12-25FTBGS)

Tgt Ion:165 Resp: 35351
 Ion Ratio Lower Upper
 165 100
 63 1.6 44.3 66.5#
 89 1.9 70.0 105.0#
 182 0.0 1.8 2.6#

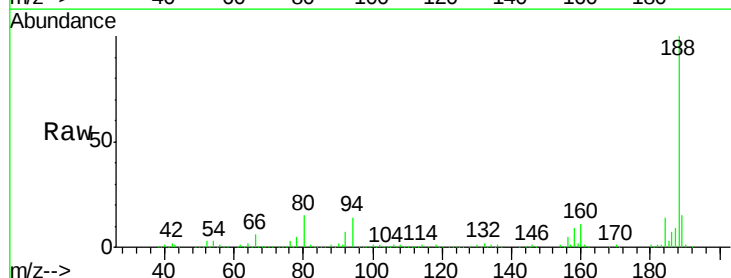


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

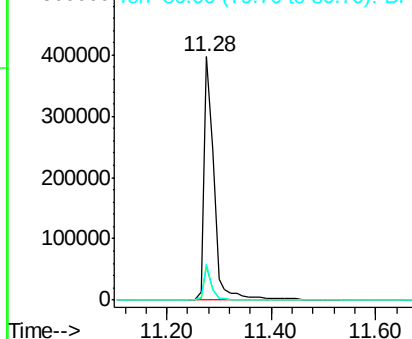
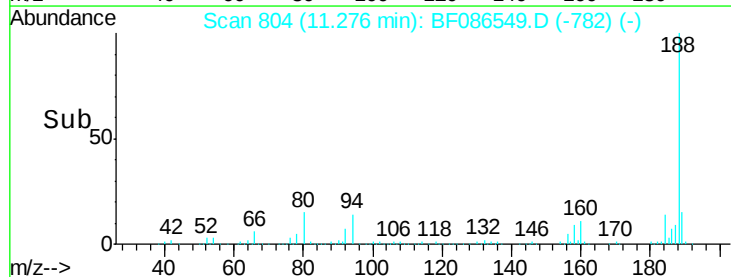


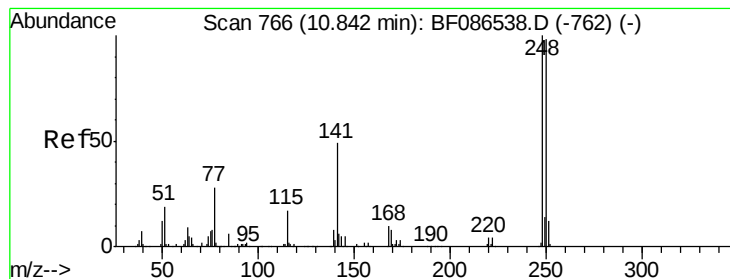
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086549.D
 Acq: 1 May 2016 4:17

Tgt Ion:188 Resp: 531822
 Ion Ratio Lower Upper
 188 100
 94 13.6 6.8 10.2#
 80 15.1 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





#66

4-Bromophenyl-phenylether

Concen: 4.34 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.29 min

Lab File: BF086549.D

Acq: 1 May 2016 4:17

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)

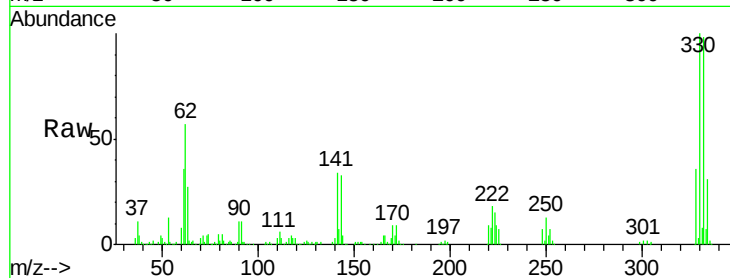
Tgt Ion:248 Resp: 23766

Ion Ratio Lower Upper

248 100

250 193.0 78.6 117.8#

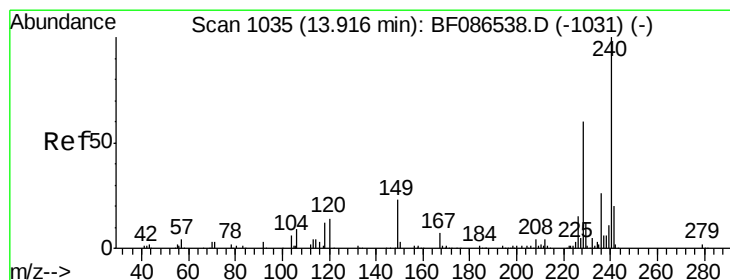
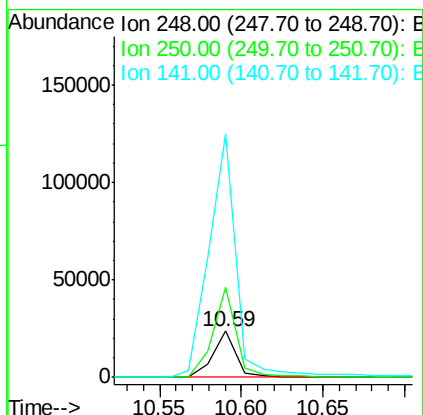
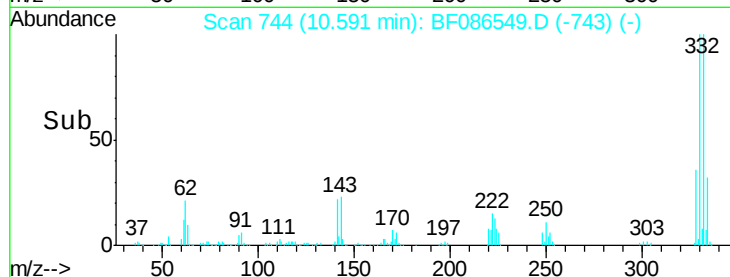
141 525.3 76.0 114.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF086549.D

Acq: 1 May 2016 4:17

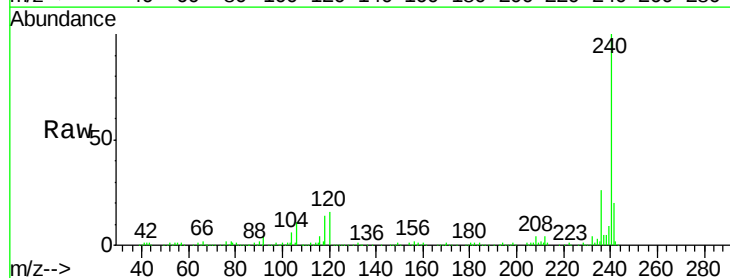
Tgt Ion:240 Resp: 419370

Ion Ratio Lower Upper

240 100

120 16.1 11.2 16.8

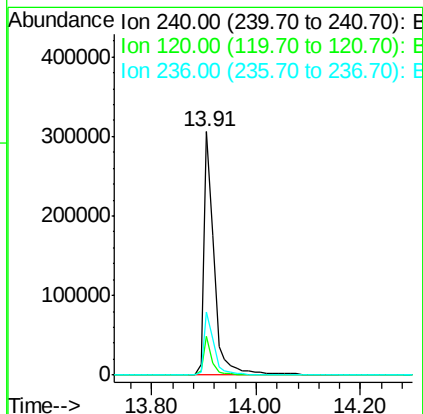
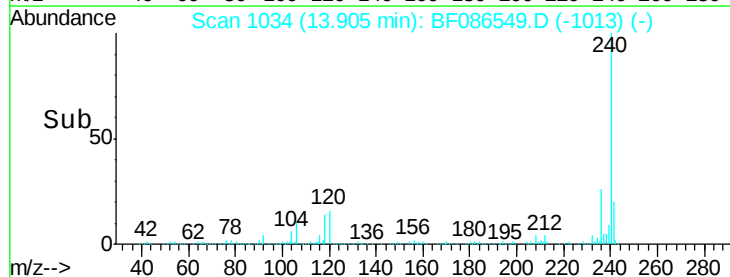
236 26.0 21.2 31.8

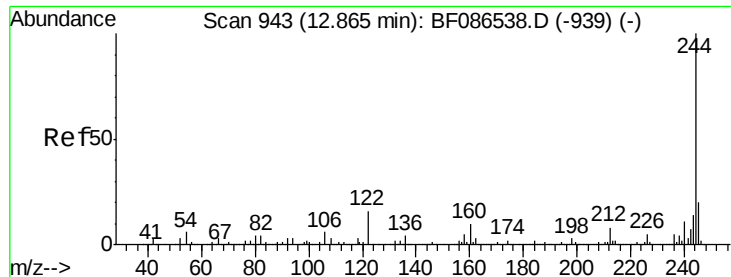


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

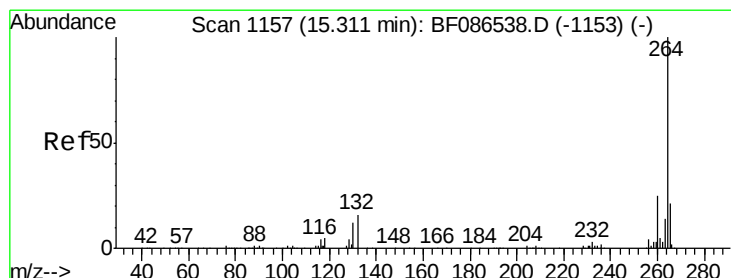
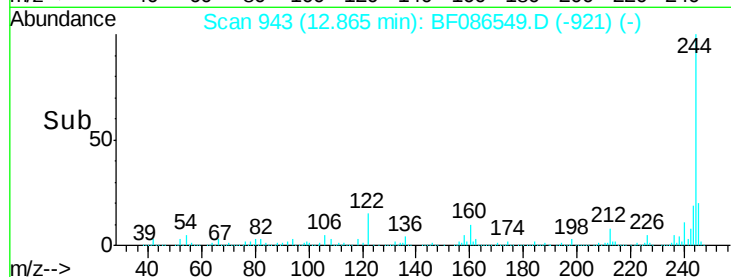
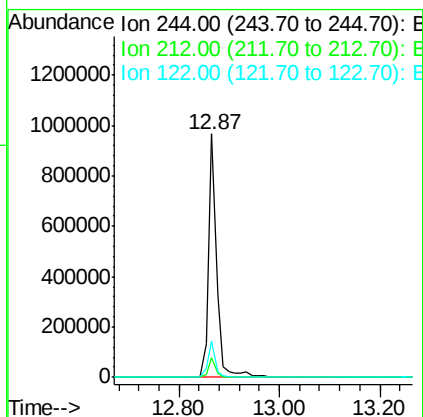
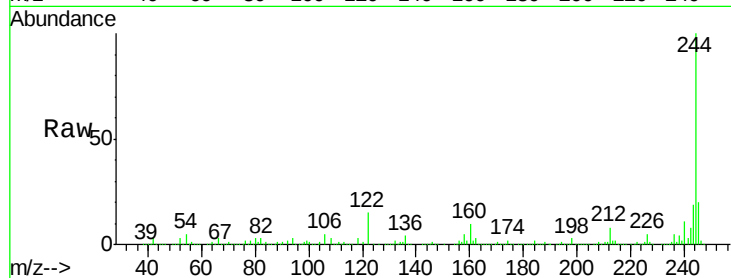




#78
 Terphenyl-d14
 Concen: 57.29 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.05 min
 Lab File: BF086549.D
 Acq: 1 May 2016 4:17

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-6(12-25FTBGS)

Tgt Ion:244 Resp: 1090507
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.2
 122 15.0 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.06 min
 Lab File: BF086549.D
 Acq: 1 May 2016 4:17

Tgt Ion:264 Resp: 319484
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 22.0 17.3 25.9

