

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
 Data File : BF086901.D
 Acq On : 11 May 2016 21:35
 Operator : UM/SJ
 Sample : H2894-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP21-5-7FT

Quant Time: May 12 00:55:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

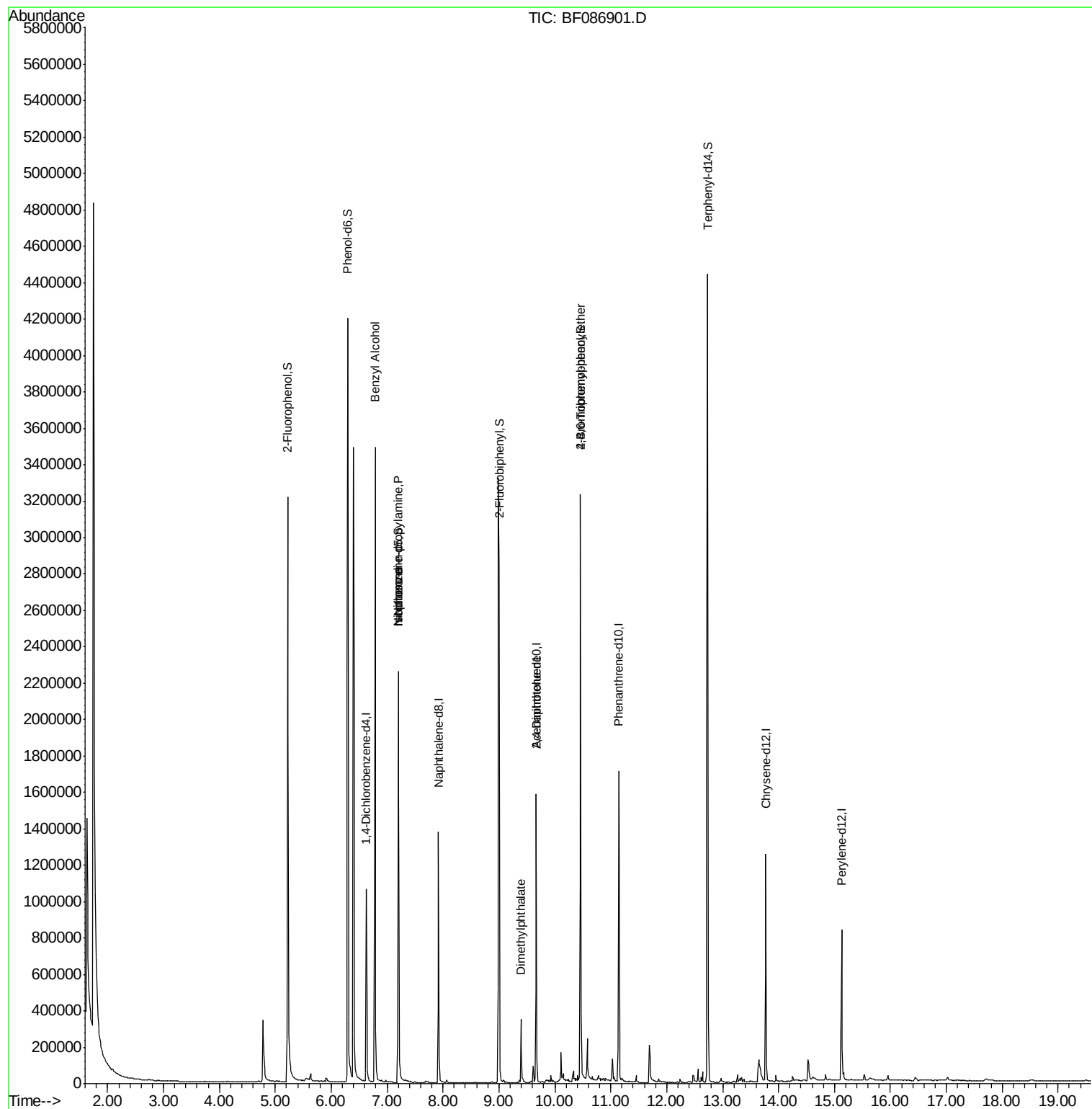
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	147270	20.00	ng	-0.07
21) Naphthalene-d8	7.92	136	632799	20.00	ng	-0.07
38) Acenaphthene-d10	9.67	164	312912	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	565091	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	484085	20.00	ng	-0.07
86) Perylene-d12	15.13	264	364177	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1053002	121.09	ng	-0.07
7) Phenol-d6	6.30	99	1517022	130.53	ng	-0.07
23) Nitrobenzene-d5	7.20	82	940030	74.59	ng	-0.07
41) 2,4,6-Tribromophenol	10.46	330	363822	109.83	ng	-0.07
44) 2-Fluorobiphenyl	9.00	172	1520176	81.65	ng	-0.05
78) Terphenyl-d14	12.73	244	1373893	60.22	ng	-0.07
Target Compounds						
15) Benzyl Alcohol	6.79	79	17218	2.15	ng	# 39
19) n-Nitroso-di-n-propylamine	7.20	70	127533	15.70	ng	# 70
25) Isophorone	7.20	82	879530	37.62	ng	# 68
49) Dimethylphthalate	9.39	163	167385	7.01	ng	99
56) 2,4-Dinitrotoluene	9.67	165	39592	6.37	ng	# 16
60) 4-Chlorophenyl-phenylether	10.15	204	315	Below Cal		# 19
66) 4-Bromophenyl-phenylether	10.46	248	23226	4.05	ng	# 1

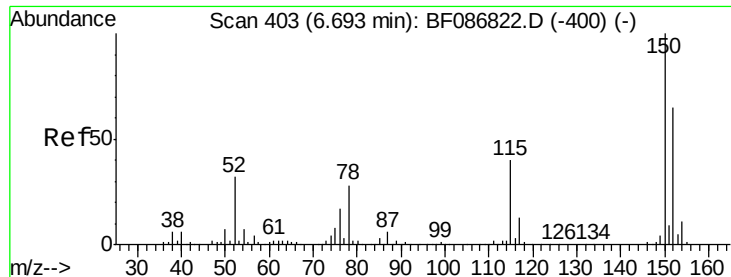
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.07 min

Lab File: BF086901.D

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Instrument :

BNA_F

ClientSampleId :

TP21-5-7FT

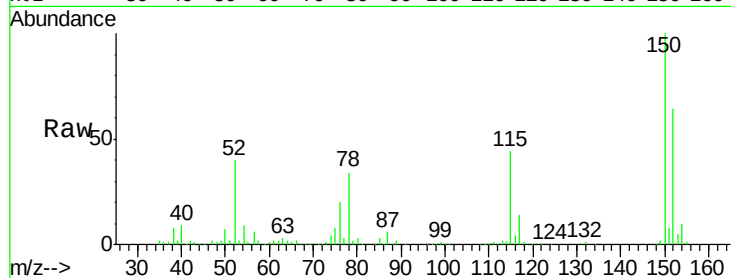
Tgt Ion:152 Resp: 147270

Ion Ratio Lower Upper

152 100

150 156.2 125.8 188.6

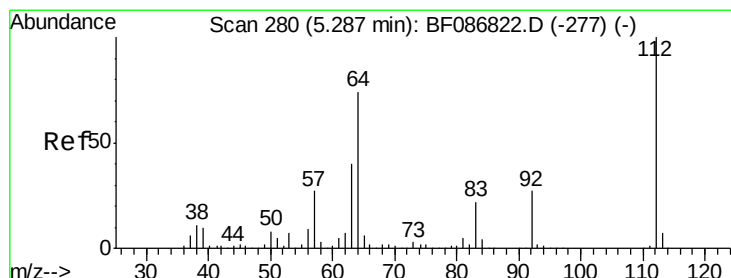
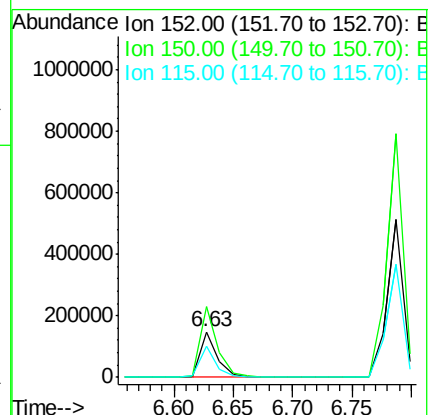
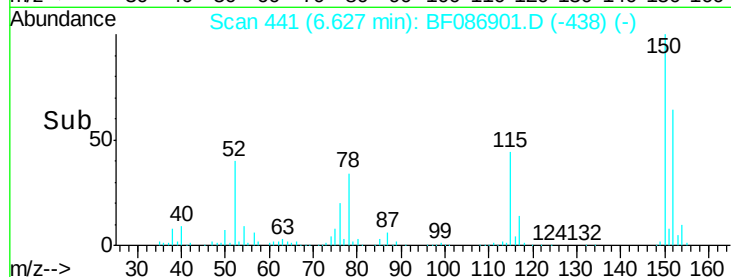
115 69.0 51.5 77.3



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: 121.09 ng

RT: 5.22 min Scan# 318

Delta R.T. -0.07 min

Lab File: BF086901.D

Acq: 11 May 2016 21:35

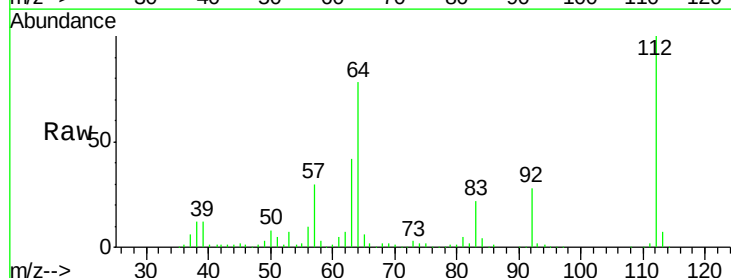
Tgt Ion:112 Resp: 1053002

Ion Ratio Lower Upper

112 100

64 78.0 52.1 78.1

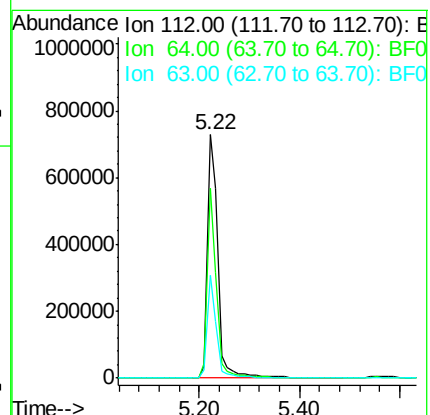
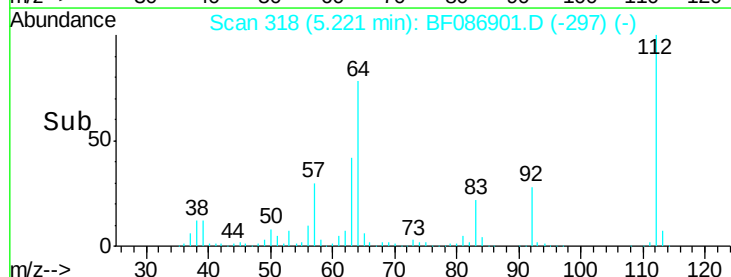
63 42.3 25.7 38.5

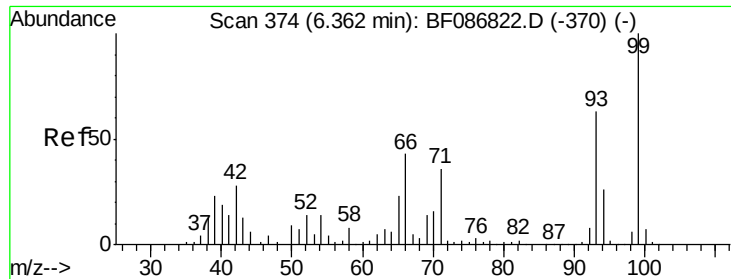


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.53 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.07 min

Lab File: BF086901.D

Acq: 11 May 2016 21:35

Instrument :

BNA_F

ClientSampleId :

TP21-5-7FT

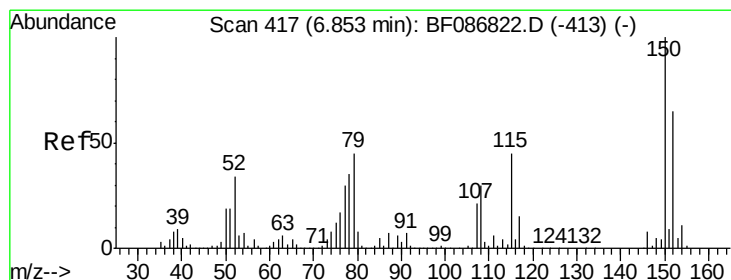
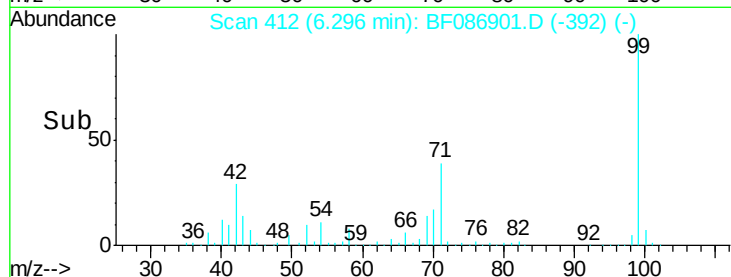
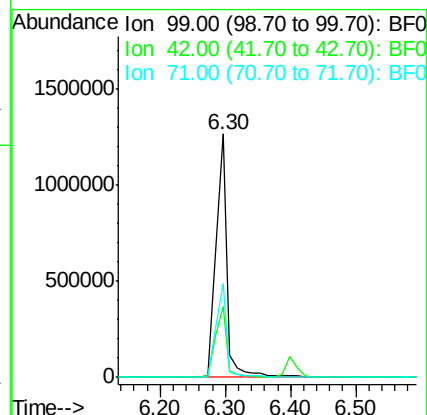
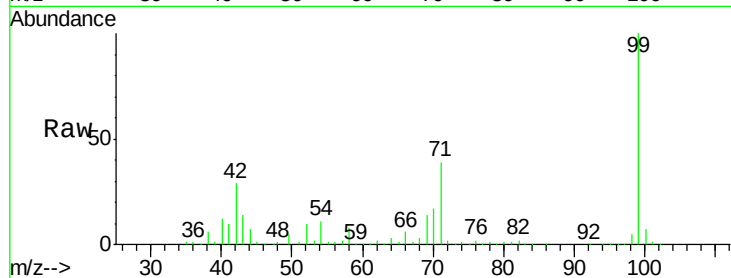
Tgt Ion: 99 Resp: 1517022

Ion Ratio Lower Upper

99 100

42 29.0 13.6 20.4#

71 38.8 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.15 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.07 min

Lab File: BF086901.D

Acq: 11 May 2016 21:35

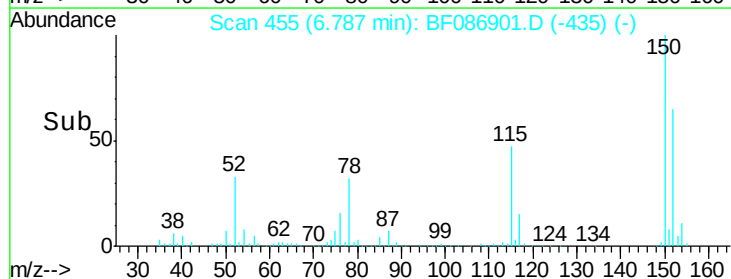
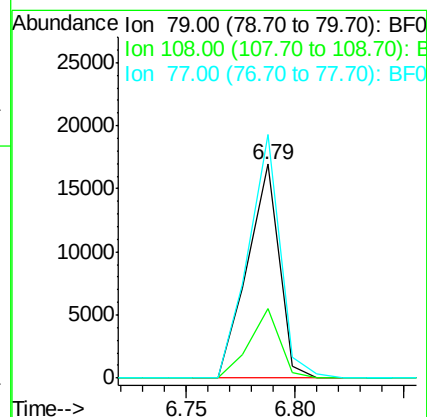
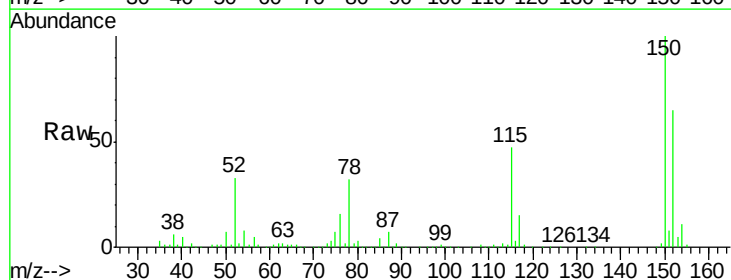
Tgt Ion: 79 Resp: 17218

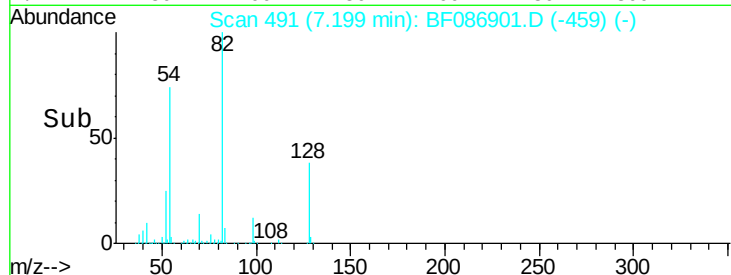
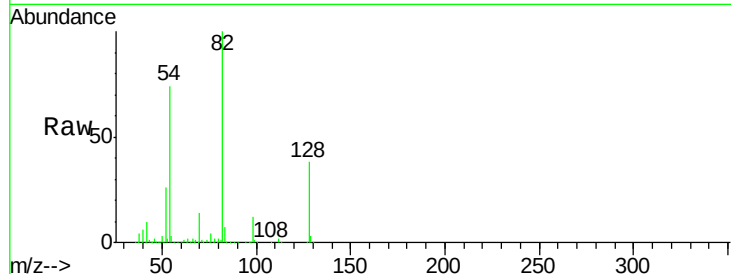
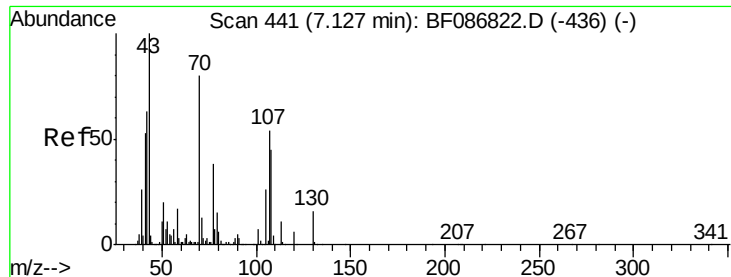
Ion Ratio Lower Upper

79 100

108 32.3 68.4 102.6#

77 113.7 50.6 76.0#

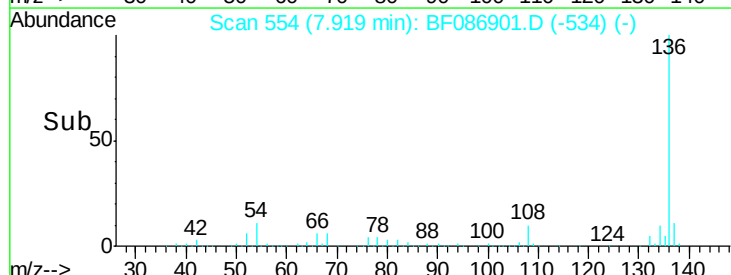
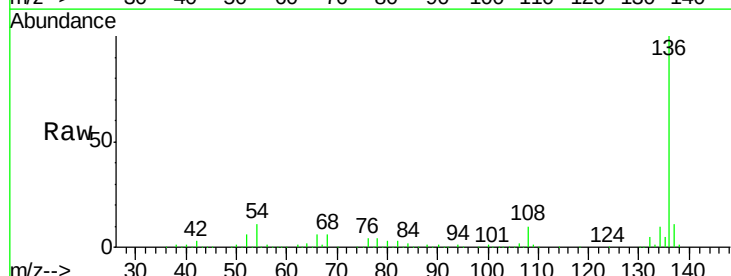
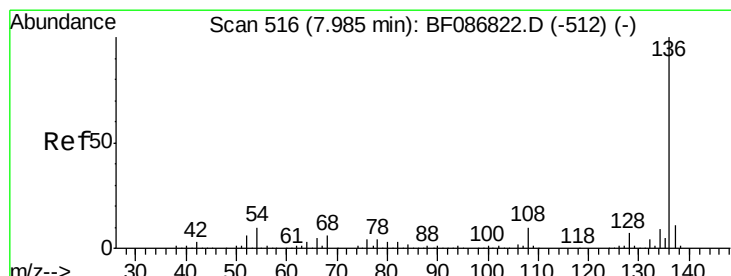
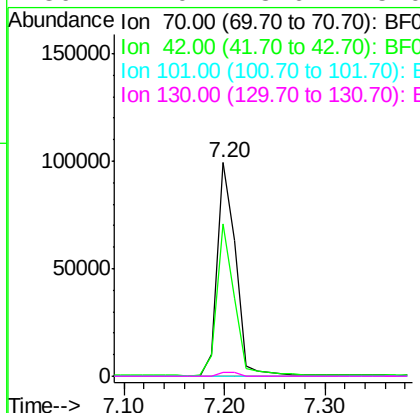




#19
n-Nitroso-di-n-propylamine
Concen: 15.70 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.07 min
Lab File: BF086901.D
Acq: 11 May 2016 21:35

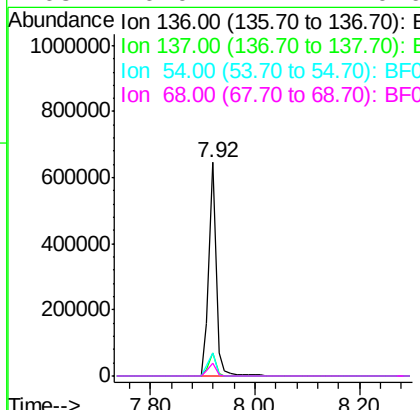
Instrument :
BNA_F
ClientSampleId :
TP21-5-7FT

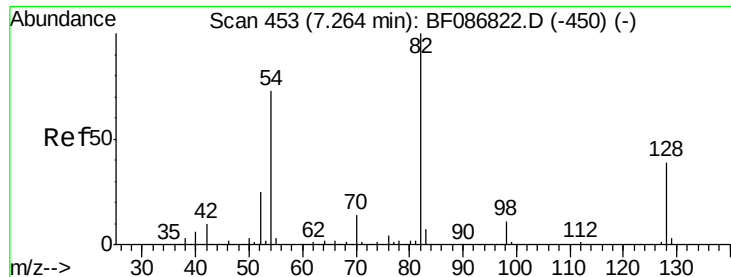
Tgt Ion: 70 Resp: 127533
Ion Ratio Lower Upper
70 100
42 71.4 43.1 64.7#
101 0.0 8.1 12.1#
130 2.0 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.07 min
Lab File: BF086901.D
Acq: 11 May 2016 21:35

Tgt Ion: 136 Resp: 632799
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.9 5.0 7.4#
68 6.0 4.4 6.6

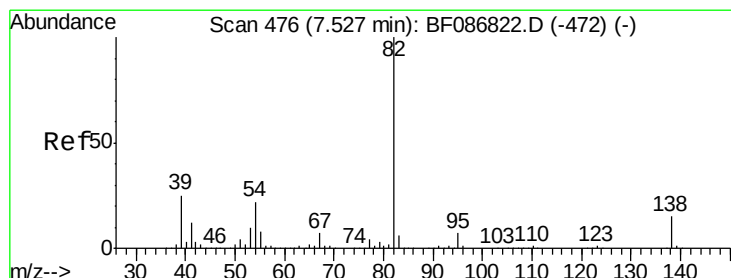
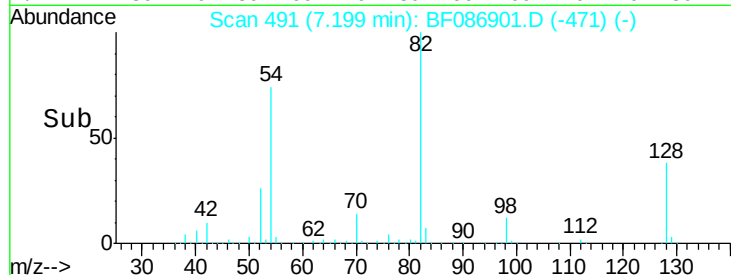
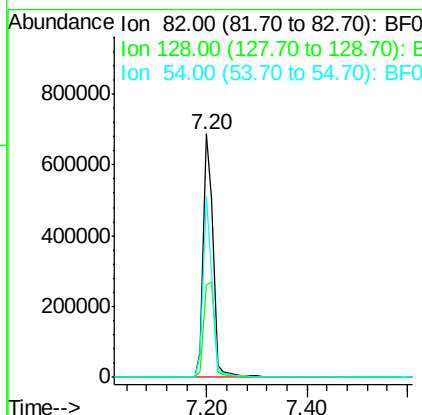
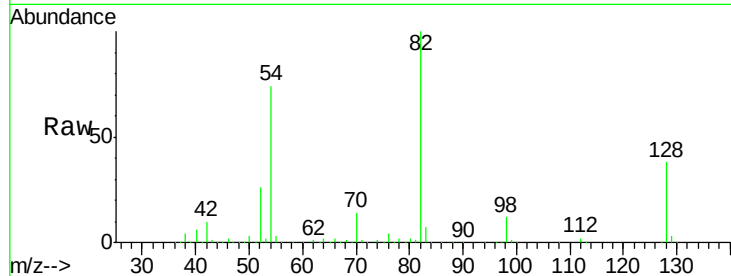




#23
 Nitrobenzene-d5
 Concen: 74.59 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.07 min
 Lab File: BF086901.D
 Acq: 11 May 2016 21:35

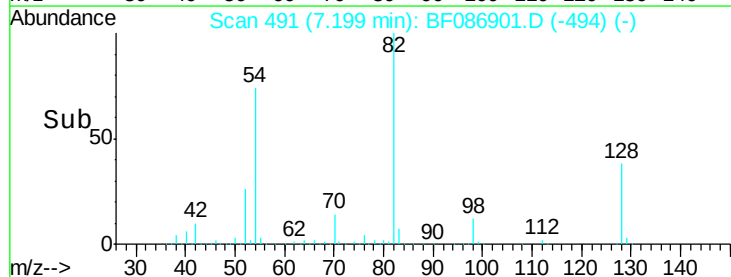
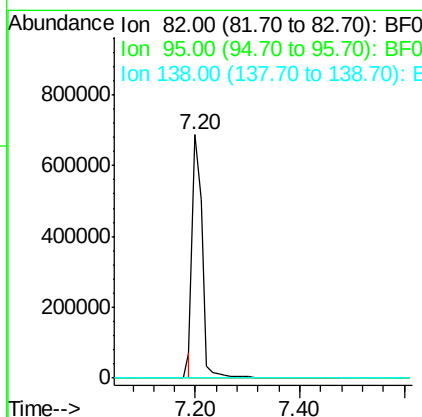
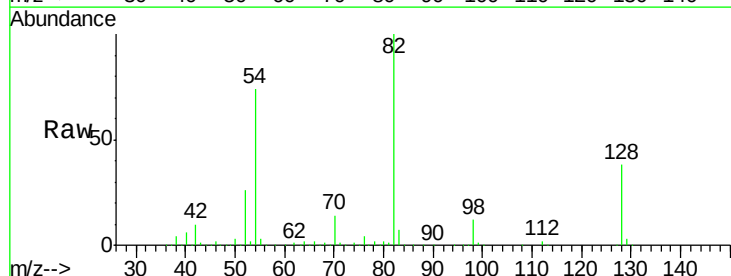
Instrument :
 BNA_F
 ClientSampleId :
 TP21-5-7FT

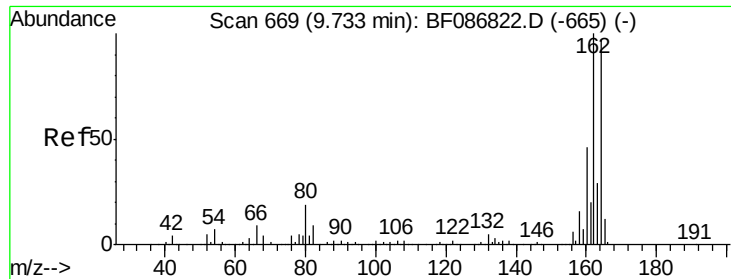
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.8	40.6	61.0#
54	74.2	38.1	57.1#



#25
 Isophorone
 Concen: 37.62 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.33 min
 Lab File: BF086901.D
 Acq: 11 May 2016 21:35

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

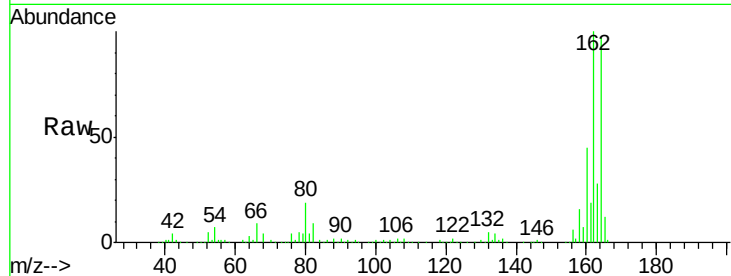




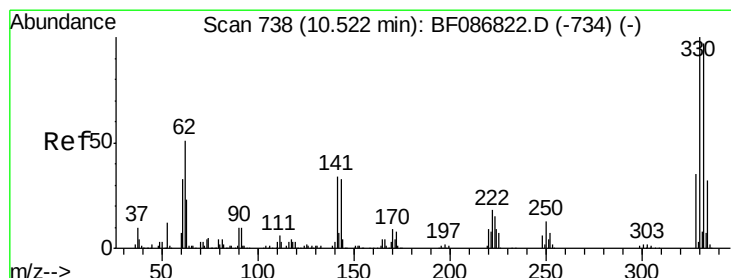
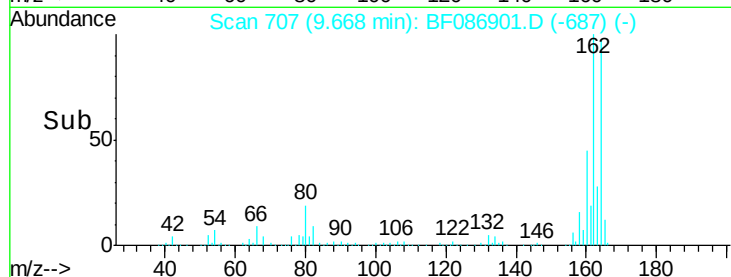
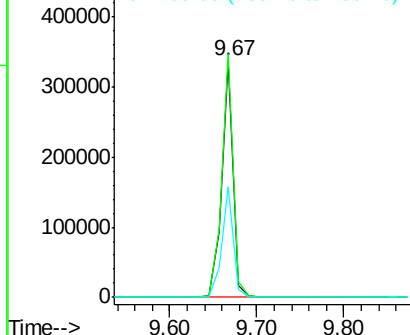
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.07 min
Lab File: BF086901.D
Acq: 11 May 2016 21:35

Instrument :
BNA_F
ClientSampleId :
TP21-5-7FT

Tgt Ion:164 Resp: 312912
Ion Ratio Lower Upper
164 100
162 103.1 82.8 124.2
160 46.9 36.9 55.3

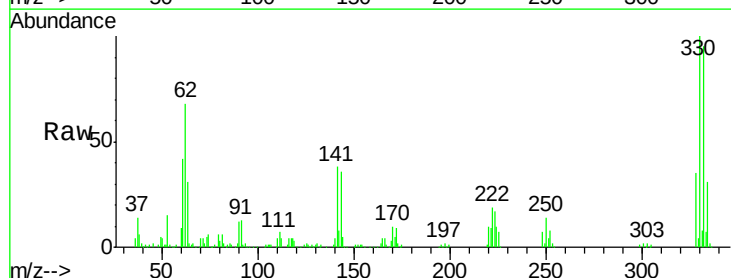


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

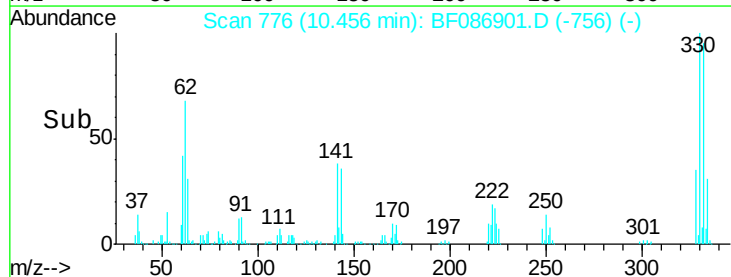
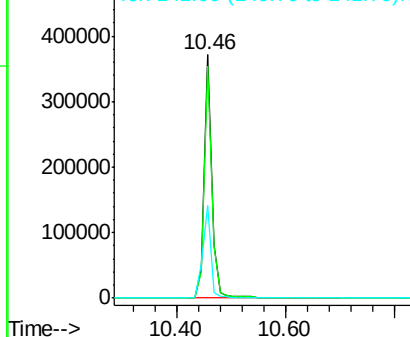


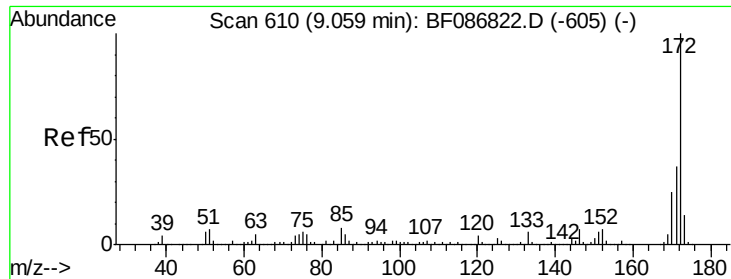
#41
2,4,6-Tribromophenol
Concen: 109.83 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.07 min
Lab File: BF086901.D
Acq: 11 May 2016 21:35

Tgt Ion:330 Resp: 363822
Ion Ratio Lower Upper
330 100
332 95.6 79.0 118.4
141 39.8 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

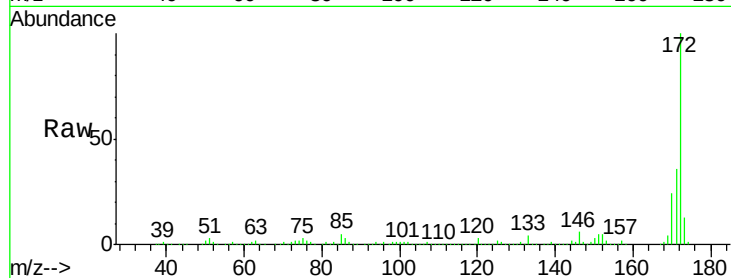




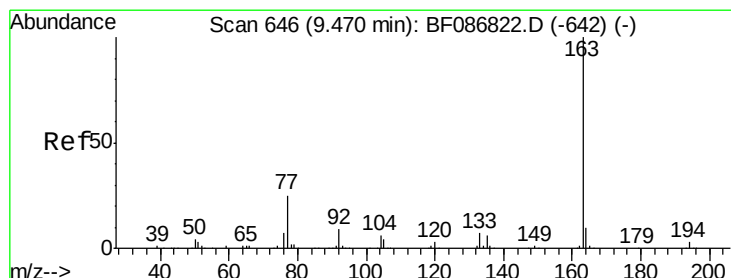
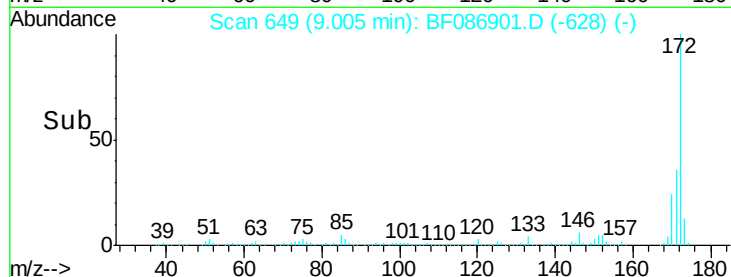
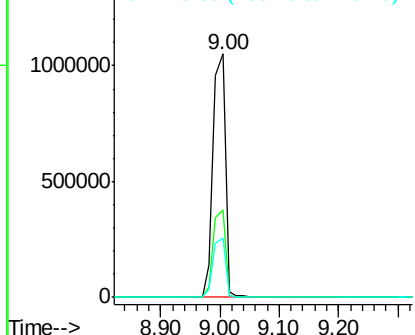
#44
2-Fluorobiphenyl
Concen: 81.65 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.05 min
Lab File: BF086901.D
Acq: 11 May 2016 21:35

Instrument :
BNA_F
ClientSampleId :
TP21-5-7FT

Tgt Ion:172 Resp: 1520176
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 24.2 19.8 29.8

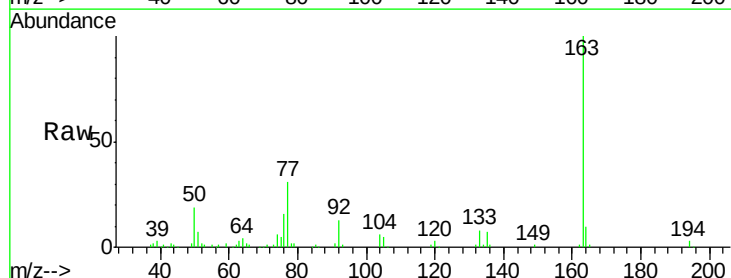


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

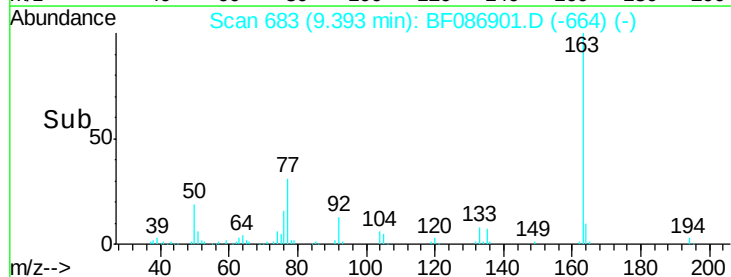
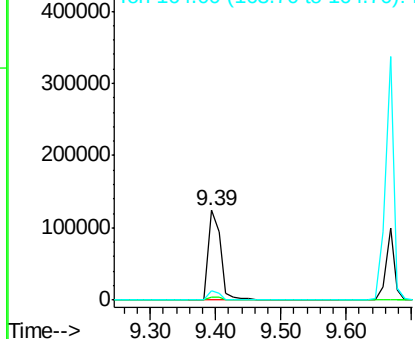


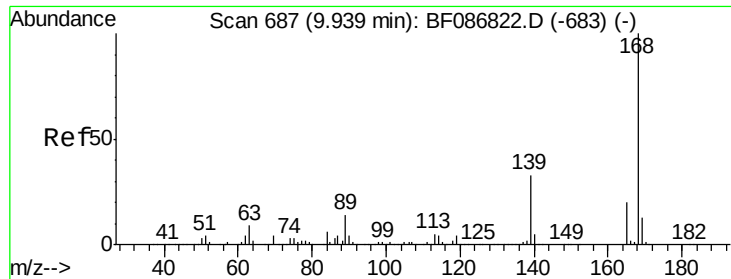
#49
Dimethylphthalate
Concen: 7.01 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.08 min
Lab File: BF086901.D
Acq: 11 May 2016 21:35

Tgt Ion:163 Resp: 167385
Ion Ratio Lower Upper
163 100
194 2.7 2.6 4.0
164 10.0 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

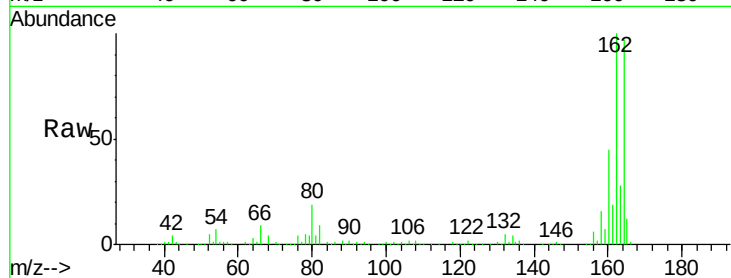




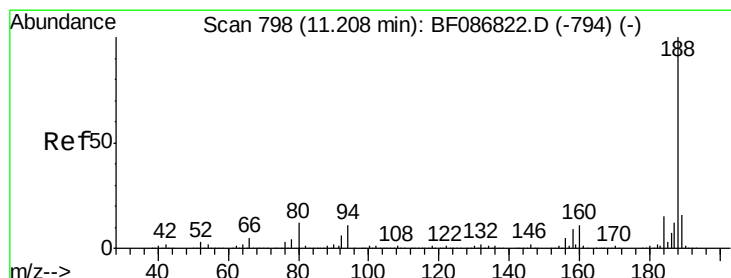
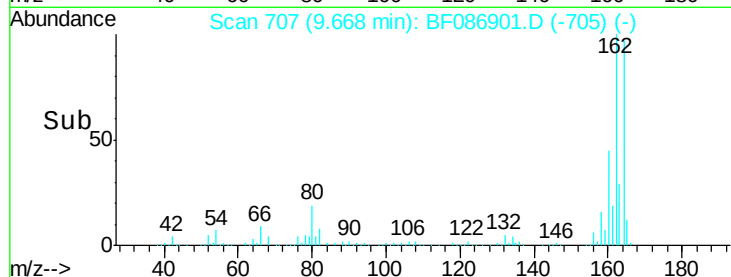
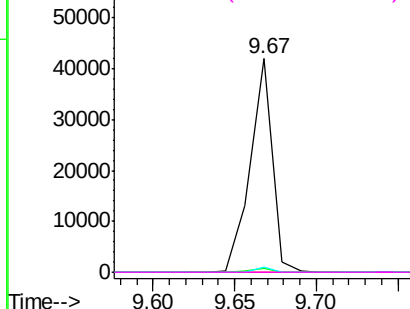
#56
 2,4-Dinitrotoluene
 Concen: 6.37 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.27 min
 Lab File: BF086901.D
 Acq: 11 May 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 TP21-5-7FT

Tgt Ion:165 Resp: 39592
 Ion Ratio Lower Upper
 165 100
 63 1.7 44.3 66.5#
 89 2.1 70.0 105.0#
 182 0.0 1.8 2.6#

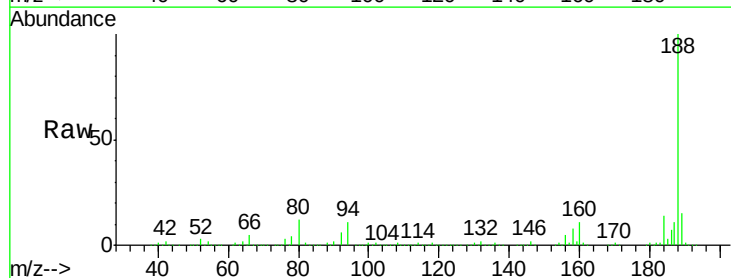


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

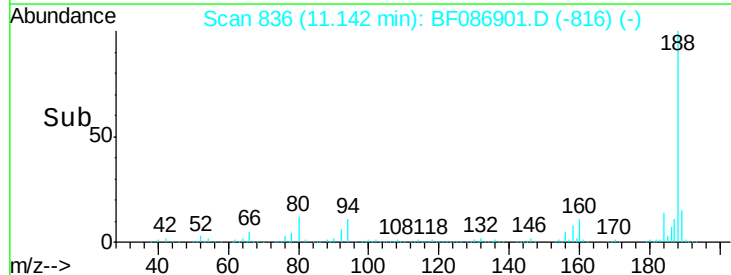
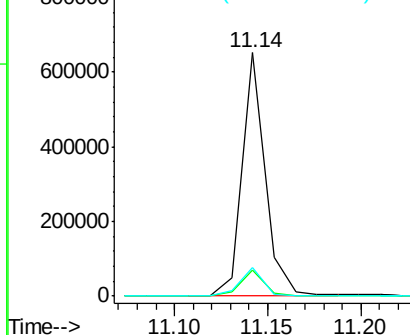


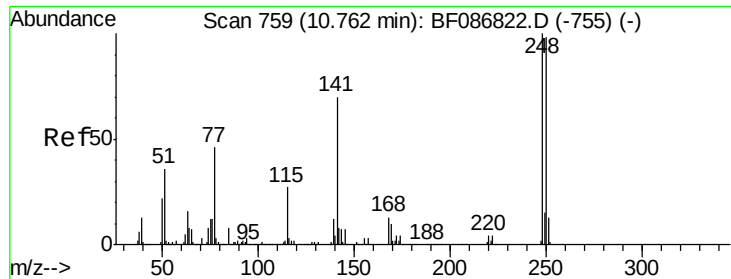
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.07 min
 Lab File: BF086901.D
 Acq: 11 May 2016 21:35

Tgt Ion:188 Resp: 565091
 Ion Ratio Lower Upper
 188 100
 94 10.8 6.8 10.2#
 80 11.8 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

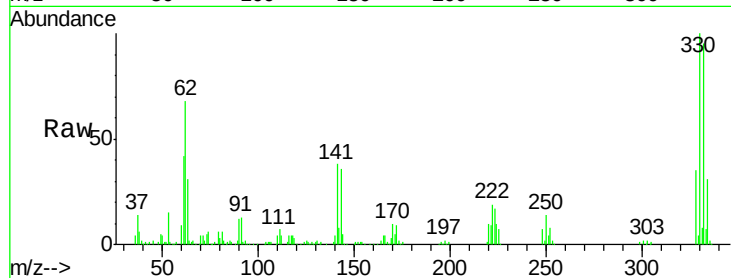




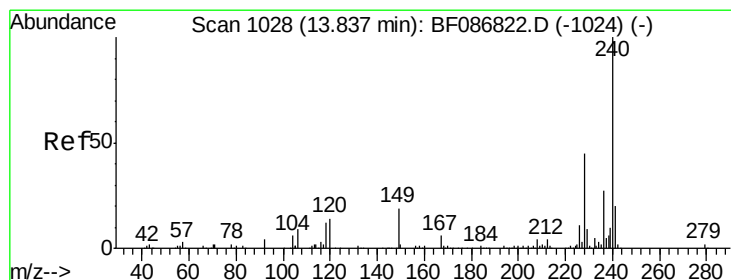
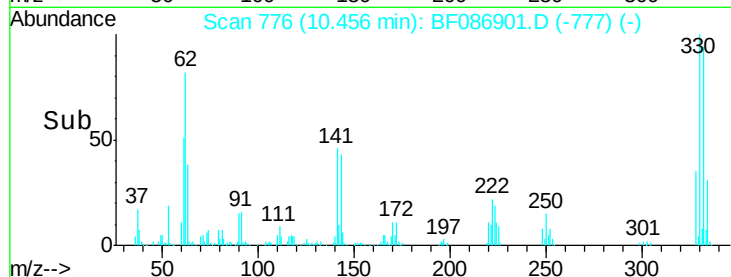
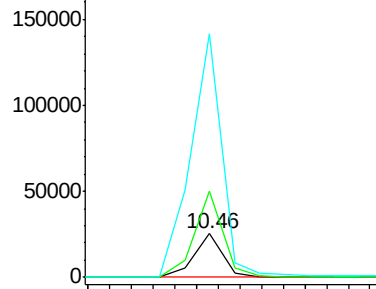
#66
4-Bromophenyl-phenylether
Concen: 4.05 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.31 min
Lab File: BF086901.D
Acq: 11 May 2016 21:35

Instrument :
BNA_F
ClientSampleId :
TP21-5-7FT

Tgt Ion:248 Resp: 23226
Ion Ratio Lower Upper
248 100
250 198.0 78.6 117.8#
141 555.4 76.0 114.0#

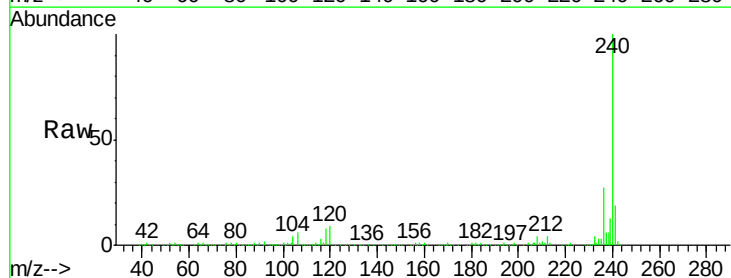


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

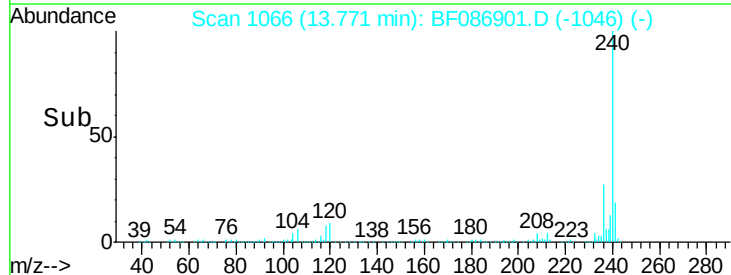
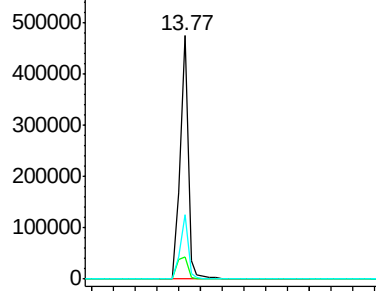


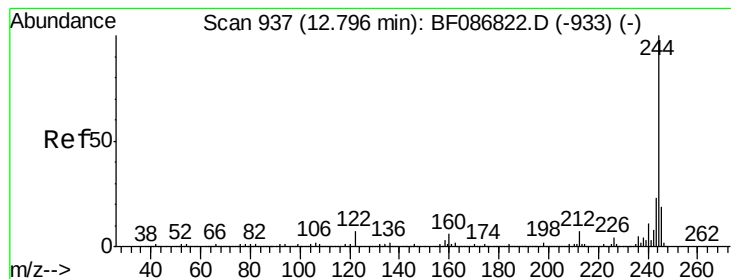
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.07 min
Lab File: BF086901.D
Acq: 11 May 2016 21:35

Tgt Ion:240 Resp: 484085
Ion Ratio Lower Upper
240 100
120 9.2 11.2 16.8#
236 26.6 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: 60.22 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.07 min

Lab File: BF086901.D

Acq: 11 May 2016 21:35

Instrument :

BNA_F

ClientSampleId :

TP21-5-7FT

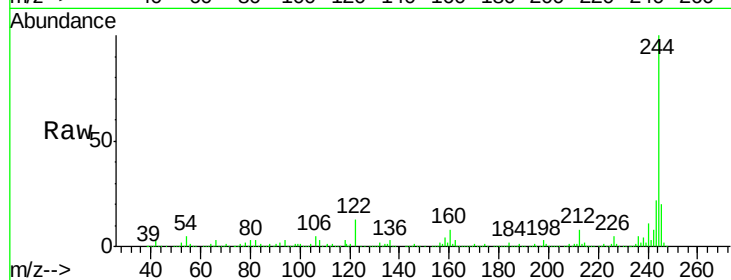
Tgt Ion:244 Resp: 1373893

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

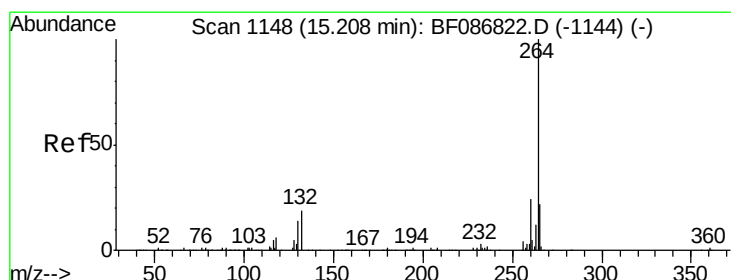
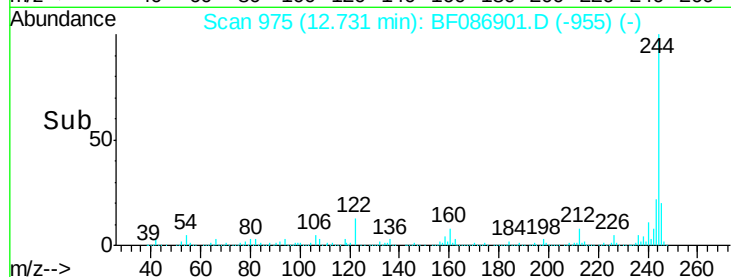
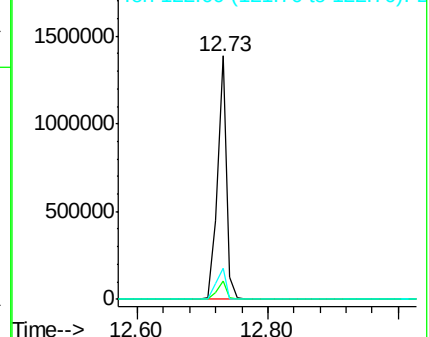
122 12.6 12.0 18.0



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

Perylene-d12

Concen: 20.00 ng

RT: 15.13 min Scan# 1185

Delta R.T. -0.08 min

Lab File: BF086901.D

Acq: 11 May 2016 21:35

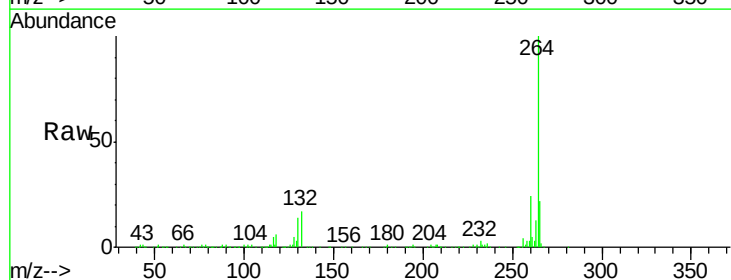
Tgt Ion:264 Resp: 364177

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.9 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

