

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086872.D
 Acq On : 10 May 2016 21:08
 Operator : UM/SJ
 Sample : H2916-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-3K

Quant Time: May 11 03:45:22 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

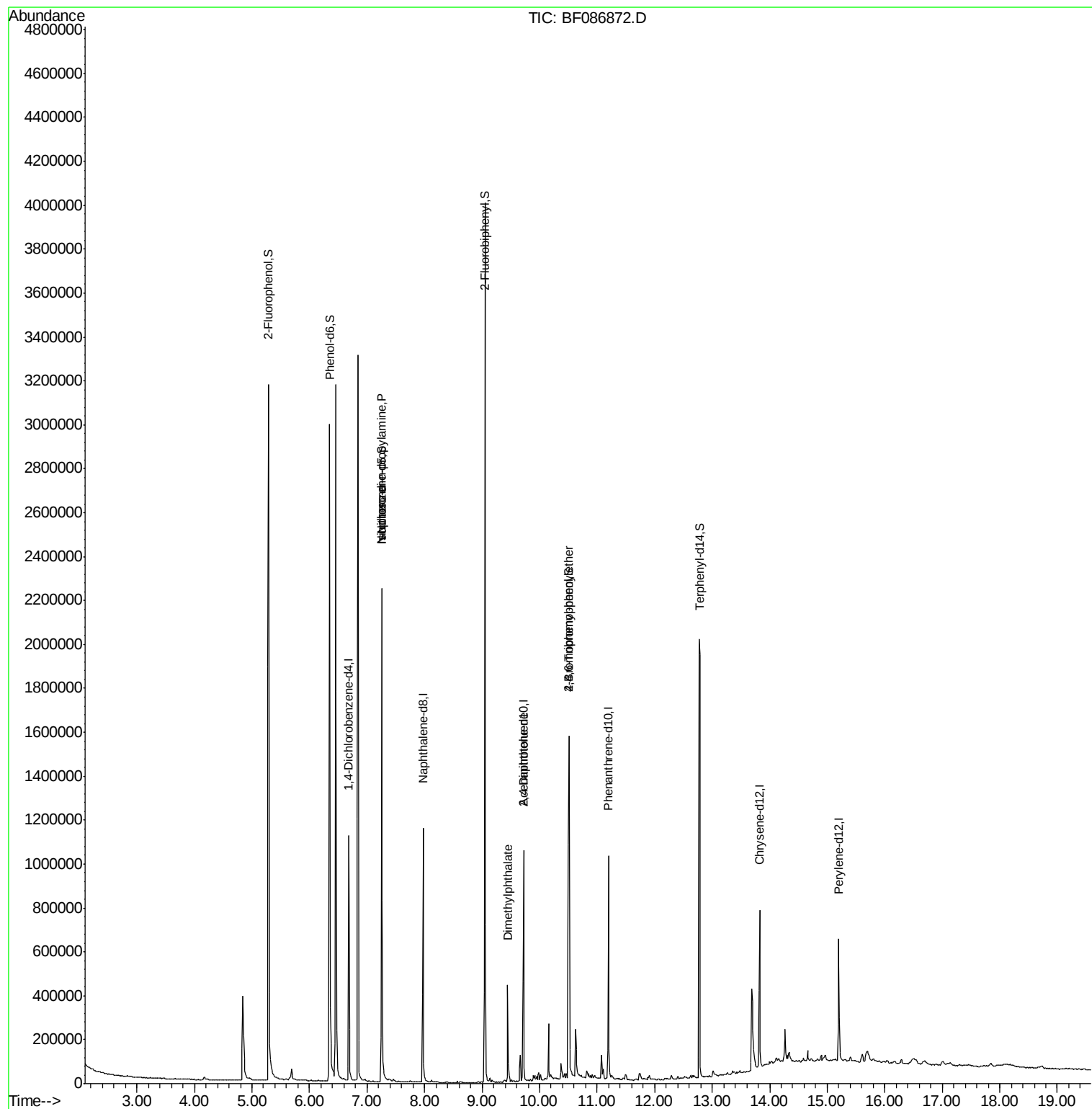
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	147157	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	541851	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	222219	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	354539	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	287508	20.00	ng	-0.01
86) Perylene-d12	15.20	264	244950	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1009533	116.18	ng	0.00
7) Phenol-d6	6.35	99	1295303	111.54	ng	-0.01
23) Nitrobenzene-d5	7.25	82	747881	69.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	230380	97.93	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1113964	84.25	ng	-0.01
78) Terphenyl-d14	12.79	244	900382	66.45	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	103845	12.80	ng	# 68
25) Isophorone	7.25	82	691822	34.55	ng	# 68
49) Dimethylphthalate	9.45	163	154488	9.11	ng	100
56) 2,4-Dinitrotoluene	9.72	165	27674	6.27	ng	# 16
66) 4-Bromophenyl-phenylether	10.51	248	14296	3.98	ng	# 1

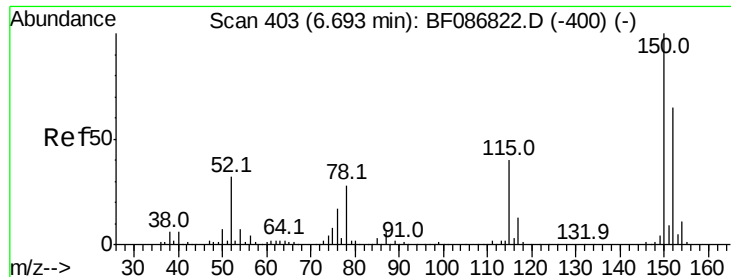
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF086872.D

Acq: 10 May 2016 21:08

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-3K

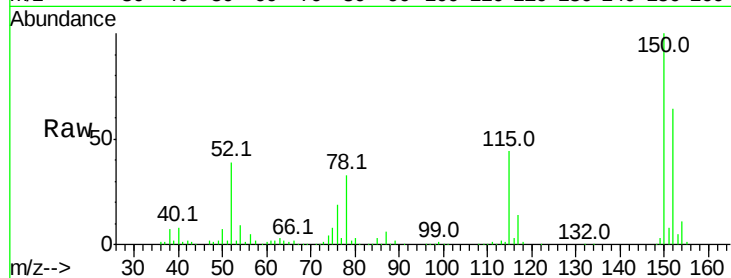
Tot Ion:152 Resp: 147157

Ion Ratio Lower Upper

152 100

150 155.8 125.8 188.6

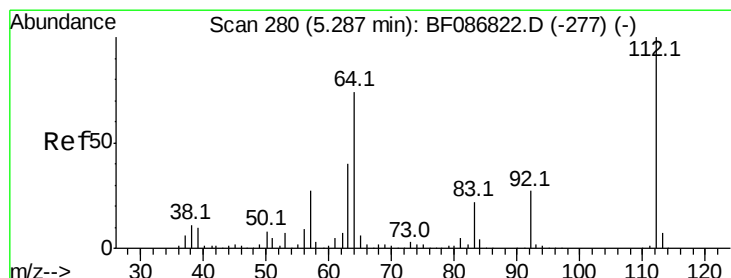
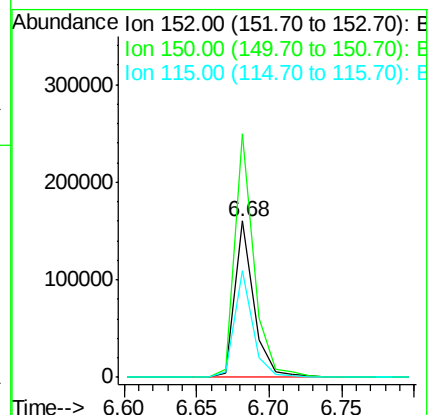
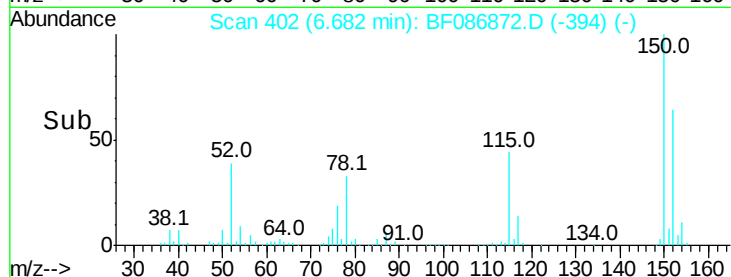
115 68.6 51.5 77.3



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: 116.18 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086872.D

Acq: 10 May 2016 21:08

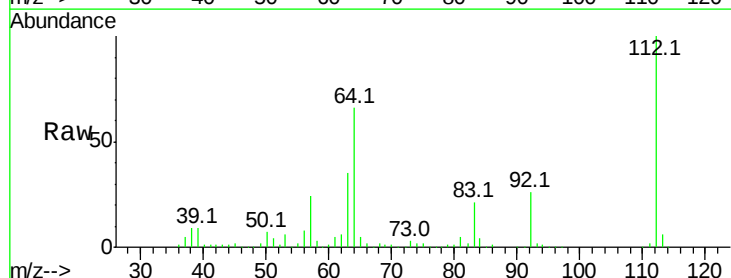
Tgt Ion:112 Resp: 1009533

Ion Ratio Lower Upper

112 100

64 65.6 52.1 78.1

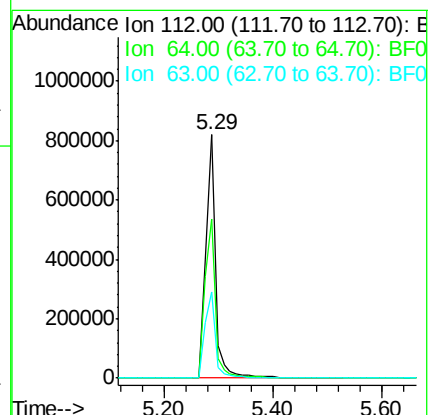
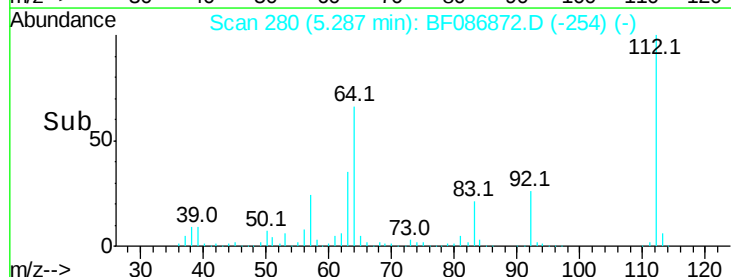
63 35.3 25.7 38.5

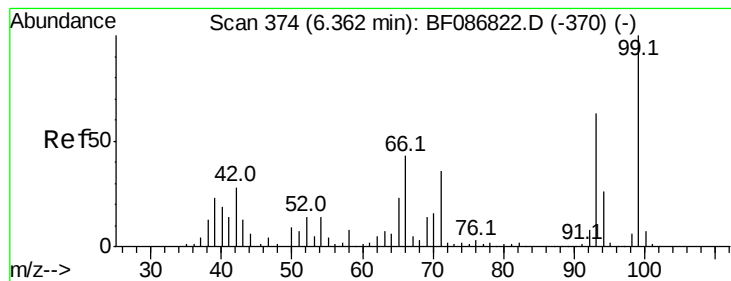


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.54 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086872.D

Acq: 10 May 2016 21:08

Instrument :

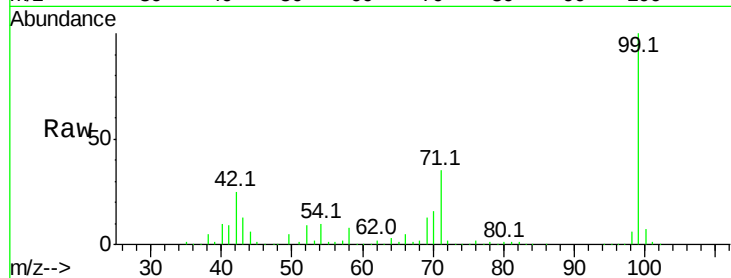
BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-3K

Tot Ion: 99 Resp: 1295303

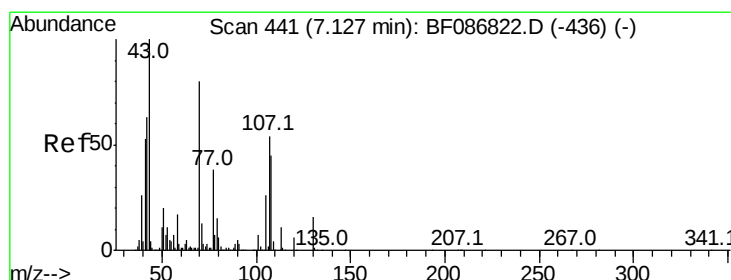
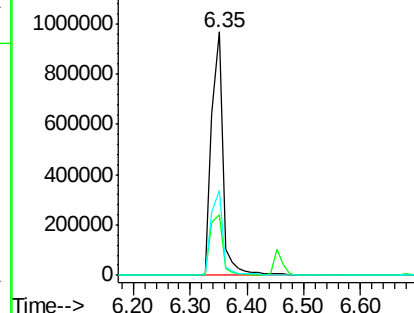
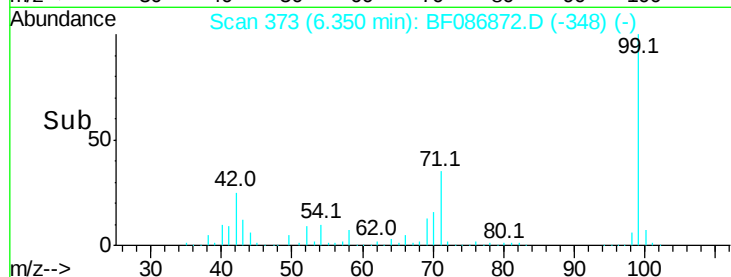
Ion	Ratio	Lower	Upper
99	100		
42	25.1	13.6	20.4#
71	35.1	24.6	36.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.80 ng

RT: 7.25 min Scan# 452

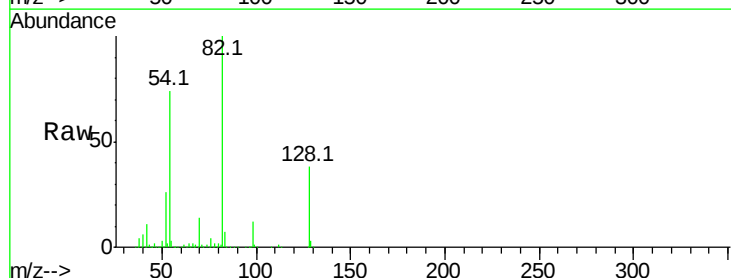
Delta R.T. 0.13 min

Lab File: BF086872.D

Acq: 10 May 2016 21:08

Tgt Ion: 70 Resp: 103845

Ion	Ratio	Lower	Upper
70	100		
42	73.8	43.1	64.7#
101	0.0	8.1	12.1#
130	1.6	18.6	28.0#

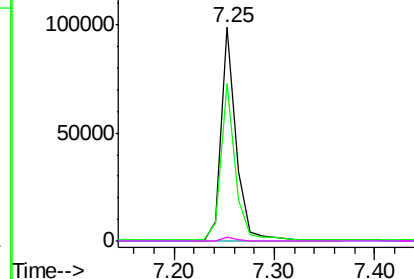
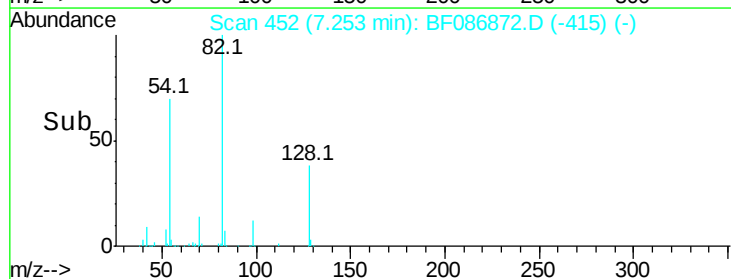


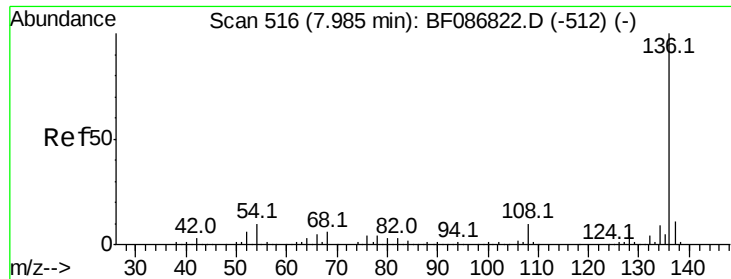
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

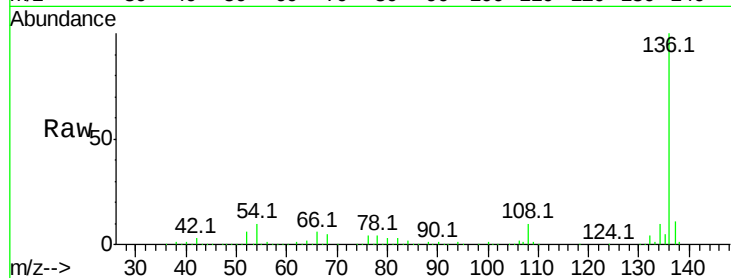




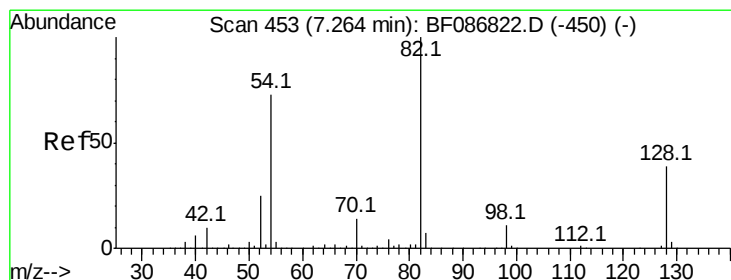
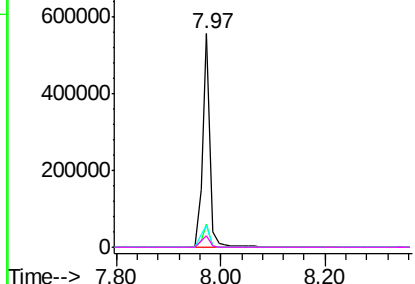
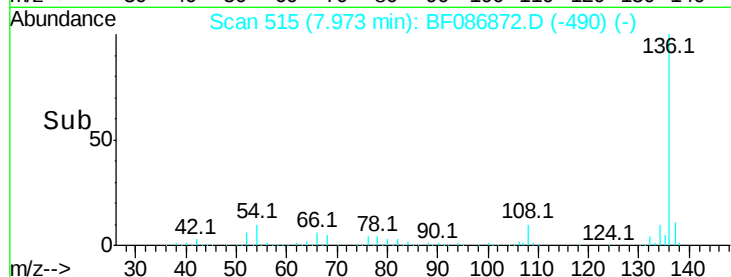
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086872.D
Acq: 10 May 2016 21:08

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-3K

Tot Ion:	136	Resp:	541851
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.0	5.0	7.4#
68	5.5	4.4	6.6

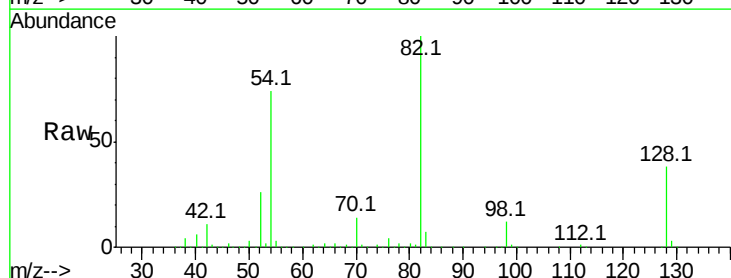


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

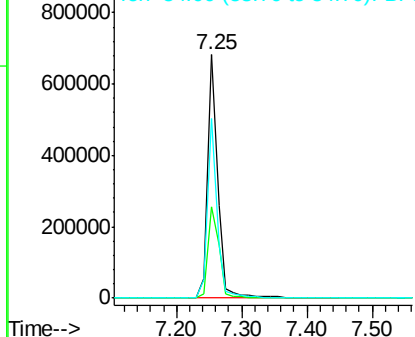
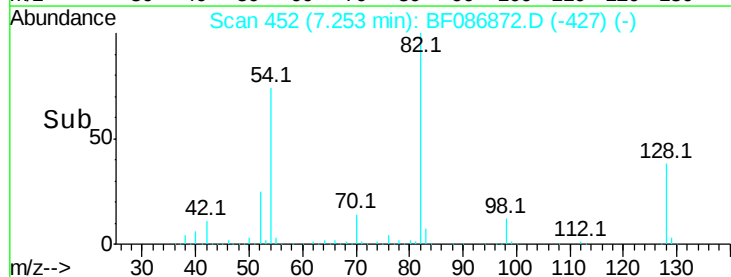


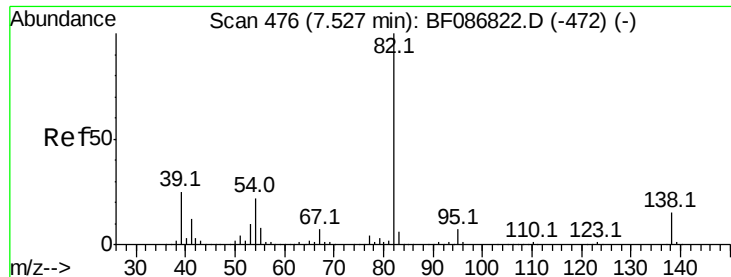
#23
Nitrobenzene-d5
Concen: 69.31 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF086872.D
Acq: 10 May 2016 21:08

Tgt Ion:	82	Resp:	747881
Ion	Ratio	Lower	Upper
82	100		
128	37.6	40.6	61.0#
54	74.0	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





#25

Isophorone

Concen: 34.55 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.27 min

Lab File: BF086872.D

Acq: 10 May 2016 21:08

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-3K

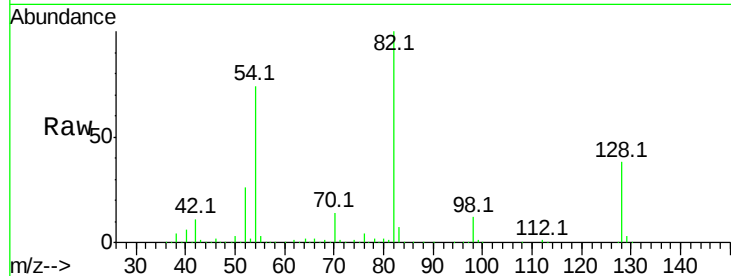
Tot Ion: 82 Resp: 691822

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

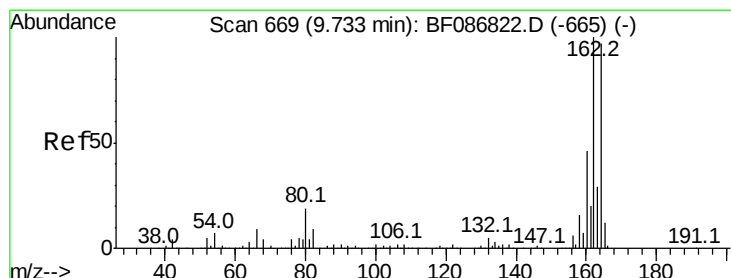
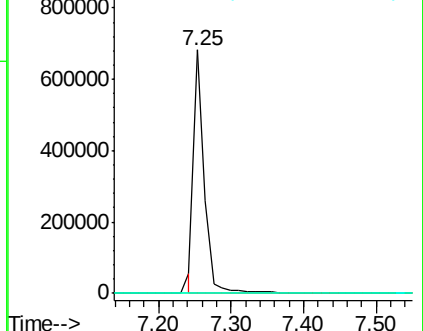
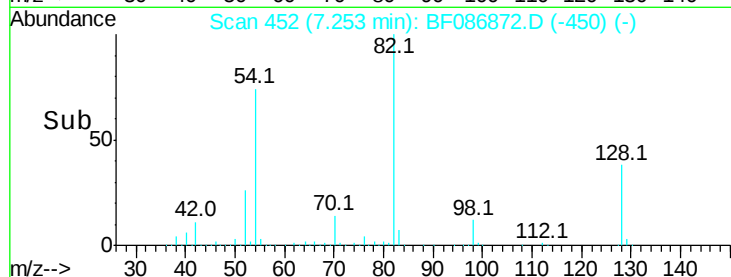
138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF086872.D

Acq: 10 May 2016 21:08

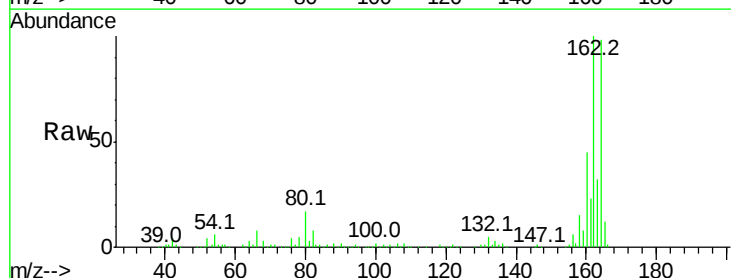
Tgt Ion:164 Resp: 222219

Ion Ratio Lower Upper

164 100

162 102.2 82.8 124.2

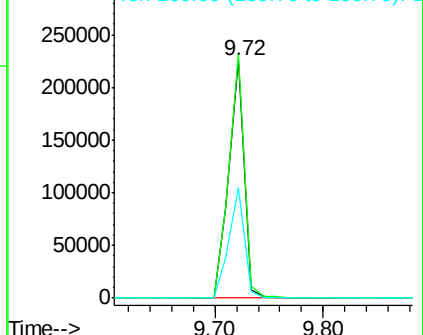
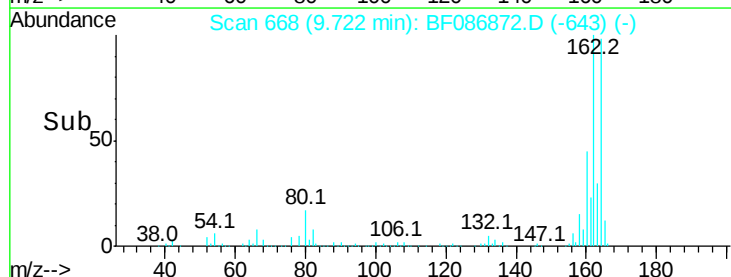
160 46.5 36.9 55.3

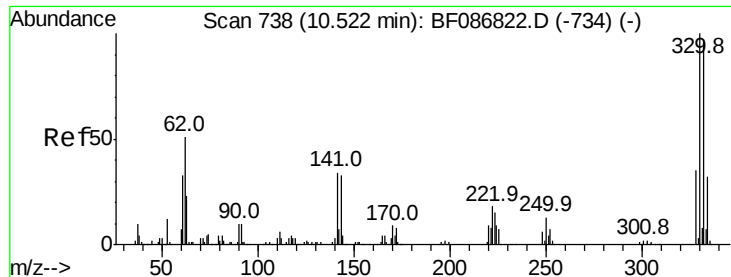


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

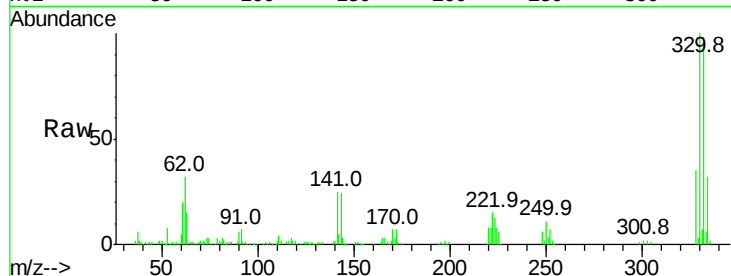




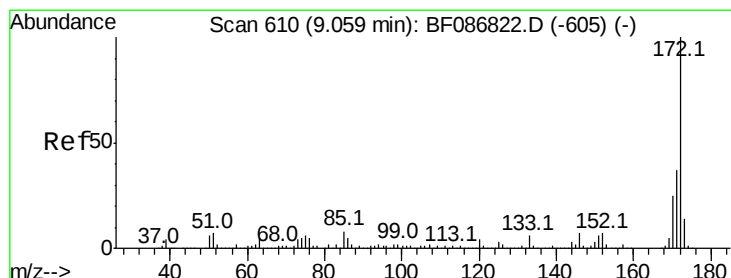
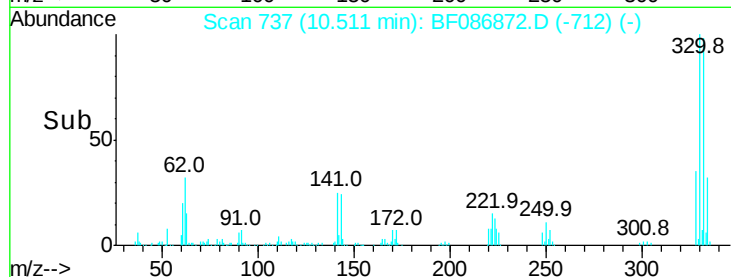
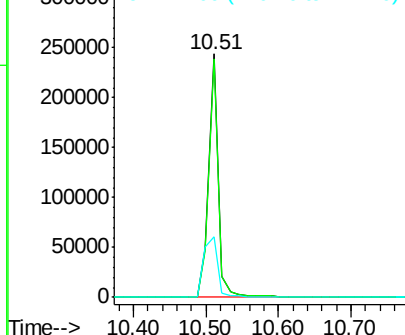
#41
 2,4,6-Tribromophenol
 Concen: 97.93 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086872.D
 Acq: 10 May 2016 21:08

Instrument :
 BNA_F
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 VITALE-FILL-CSPH3-3K

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	79.0	118.4
141	36.4	31.2	46.8

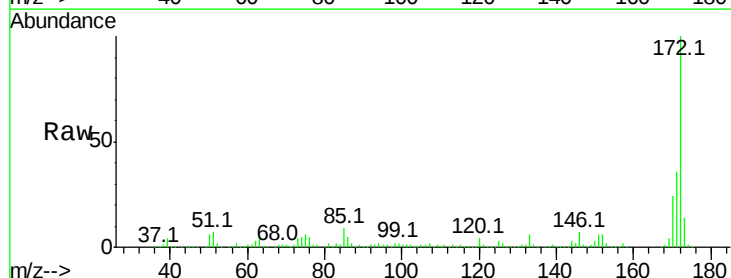


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

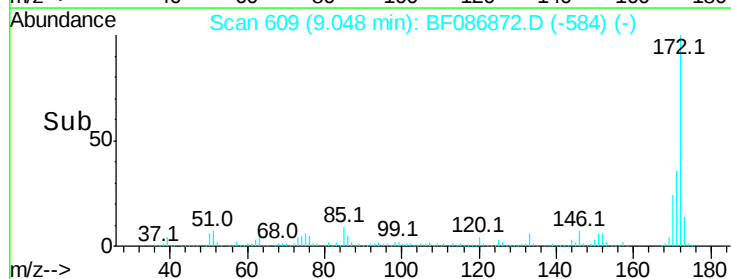
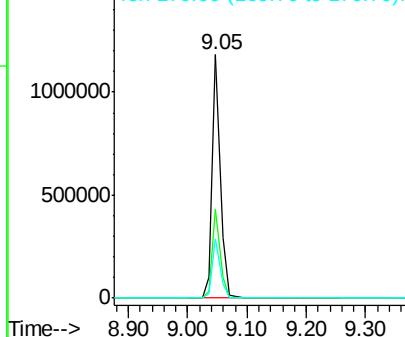


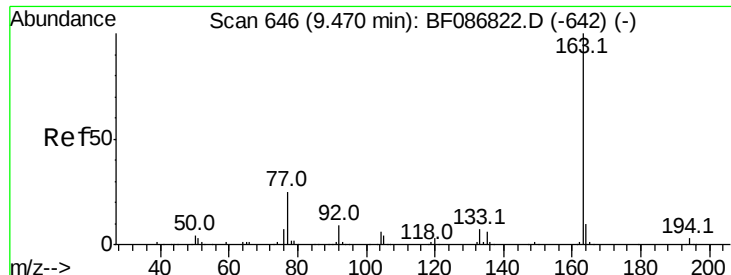
#44
 2-Fluorobiphenyl
 Concen: 84.25 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086872.D
 Acq: 10 May 2016 21:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.3	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

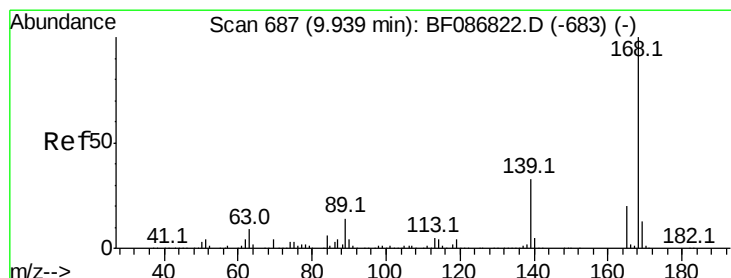
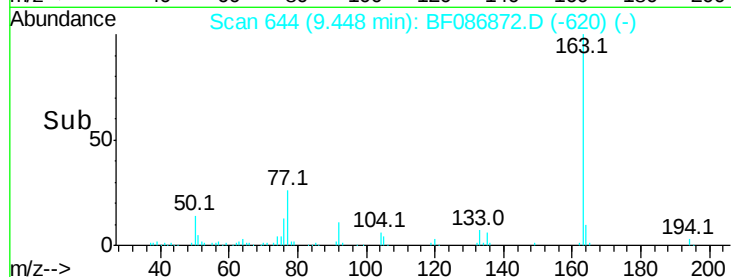
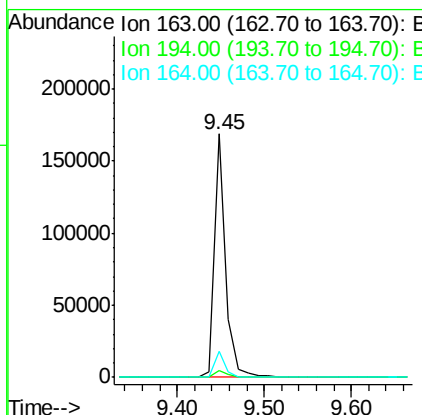
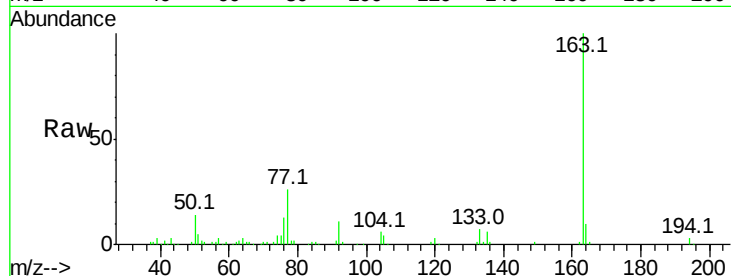




#49
Dimethylphthalate
Concen: 9.11 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF086872.D
Acq: 10 May 2016 21:08

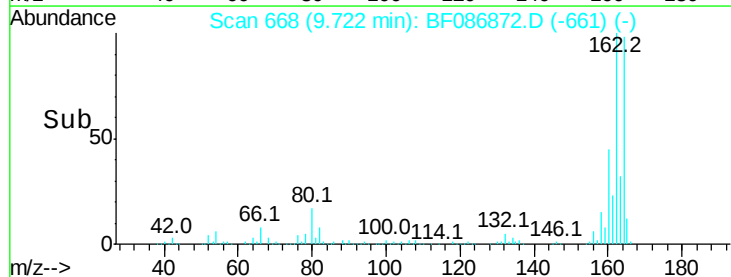
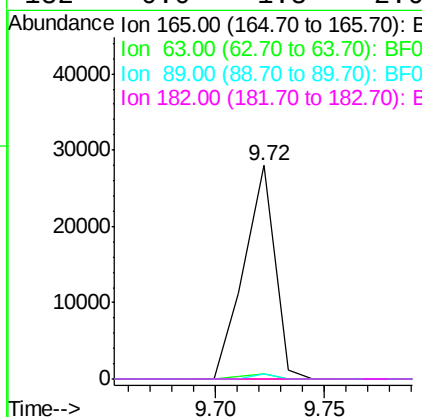
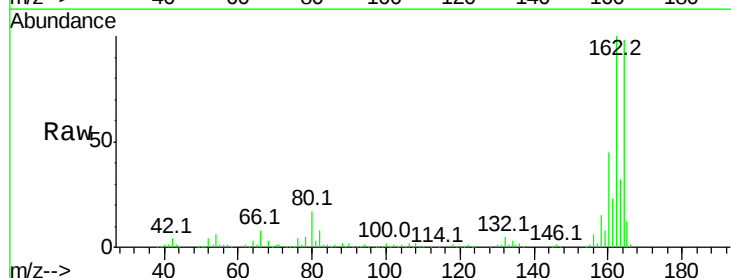
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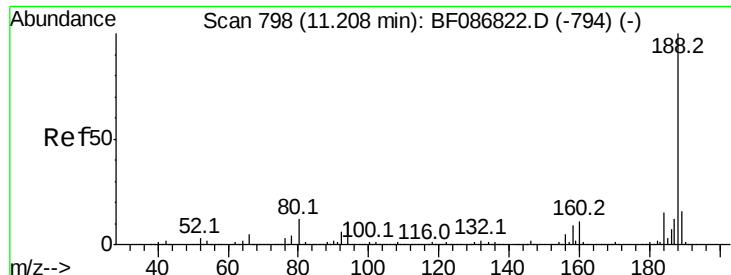
Tot Ion:163 Resp: 154488
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.4 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 6.27 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.22 min
Lab File: BF086872.D
Acq: 10 May 2016 21:08

Tgt Ion:165 Resp: 27674
Ion Ratio Lower Upper
165 100
63 2.2 44.3 66.5#
89 2.2 70.0 105.0#
182 0.0 1.8 2.6#

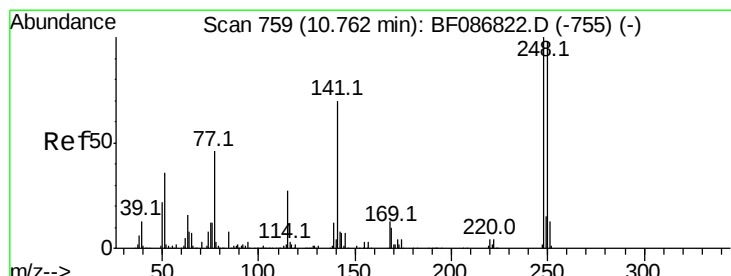
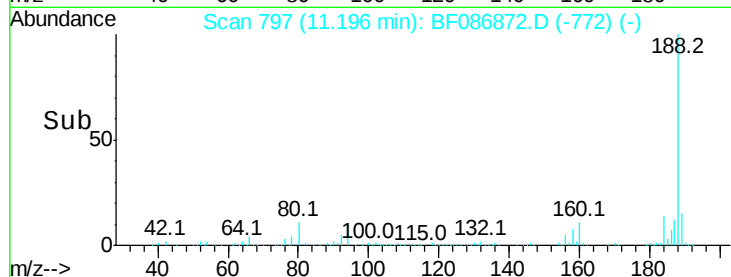
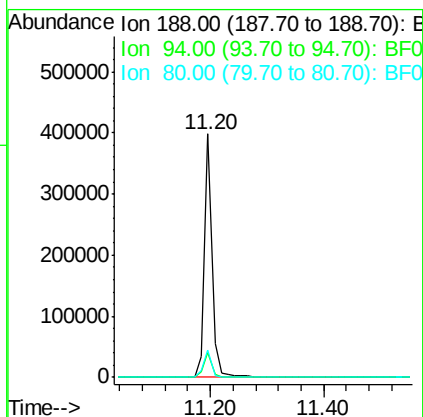
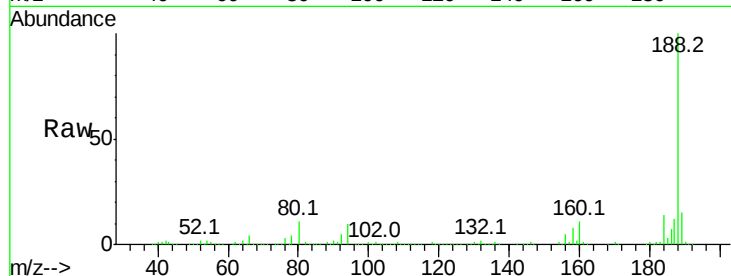




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF086872.D
Acq: 10 May 2016 21:08

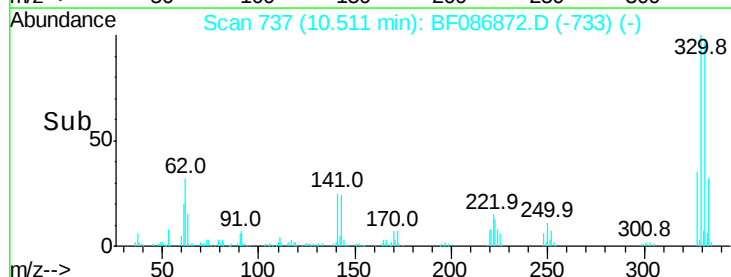
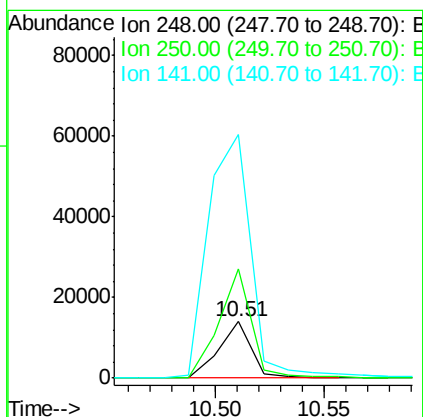
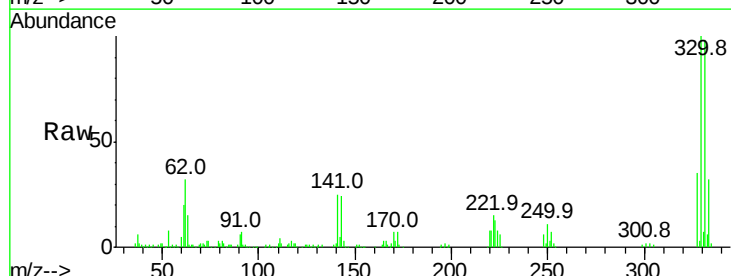
Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-3K

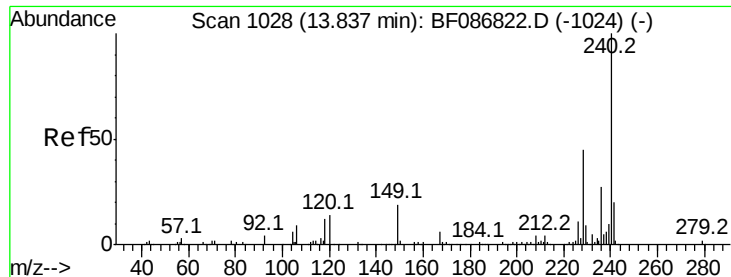
Tot Ion:188 Resp: 354539
Ion Ratio Lower Upper
188 100
94 10.0 6.8 10.2
80 11.1 7.1 10.7#



#66
4-Bromophenyl-phenylether
Concen: 3.98 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.25 min
Lab File: BF086872.D
Acq: 10 May 2016 21:08

Tgt Ion:248 Resp: 14296
Ion Ratio Lower Upper
248 100
250 193.7 78.6 117.8#
141 429.6 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF086872.D

Acq: 10 May 2016 21:08

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-3K

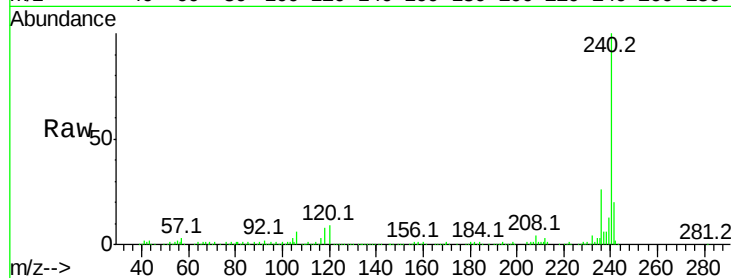
Tot Ion:240 Resp: 287508

Ion Ratio Lower Upper

240 100

120 9.4 11.2 16.8#

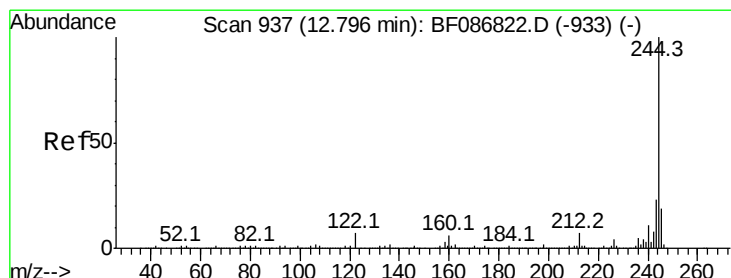
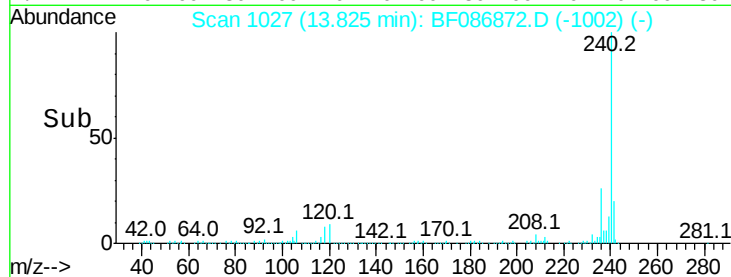
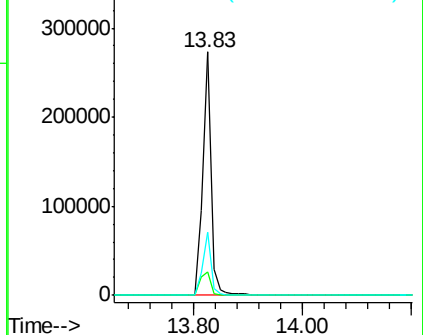
236 26.1 21.2 31.8



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: 66.45 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF086872.D

Acq: 10 May 2016 21:08

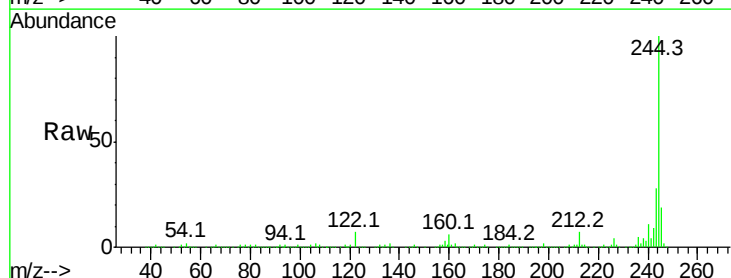
Tgt Ion:244 Resp: 900382

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.2

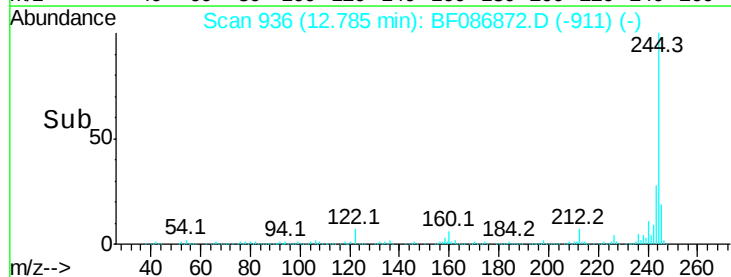
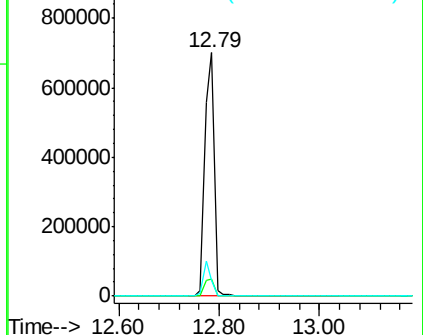
122 6.6 12.0 18.0#

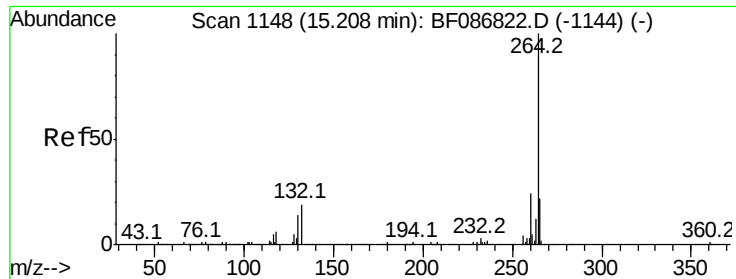


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF086872.D
Acq: 10 May 2016 21:08

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-3K

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.7	17.3	25.9

