

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086883.D
 Acq On : 11 May 2016 6:09
 Operator : UM/SJ
 Sample : H2916-07
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-7K

Quant Time: May 11 08:35:02 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

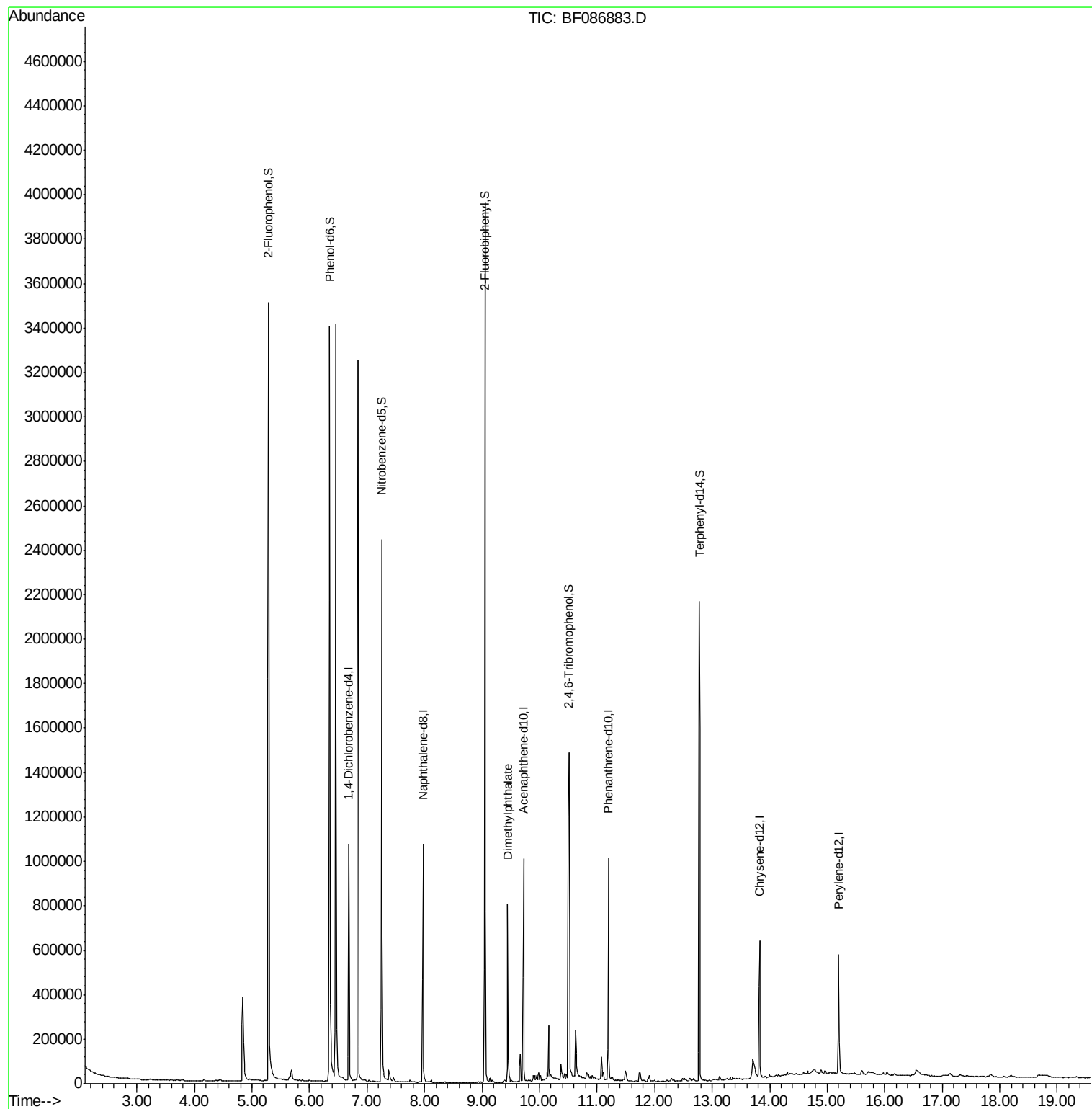
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	139096	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	523940	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	207459	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	332851	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	266422	20.00	ng	-0.01
86) Perylene-d12	15.20	264	230540	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1035887	126.12	ng	0.00
7) Phenol-d6	6.35	99	1350097	122.99	ng	-0.01
23) Nitrobenzene-d5	7.25	82	770281	73.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	225612	102.72	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1137980	92.19	ng	-0.01
78) Terphenyl-d14	12.77	244	851114	67.78	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.45	163	271253	17.14	ng	Qvalue 100

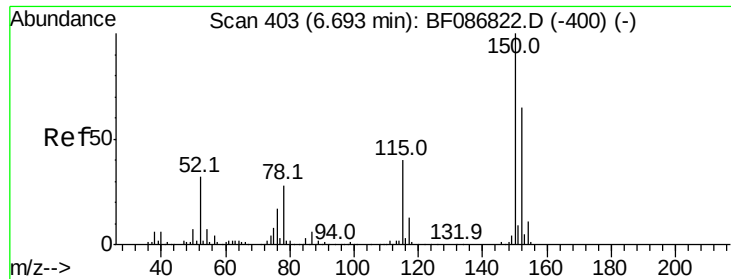
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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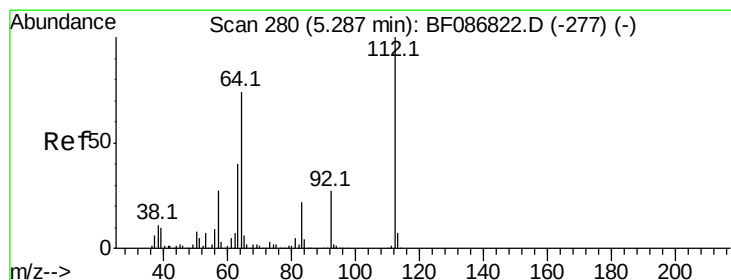
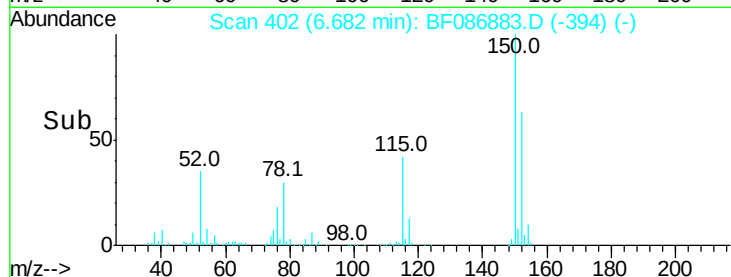
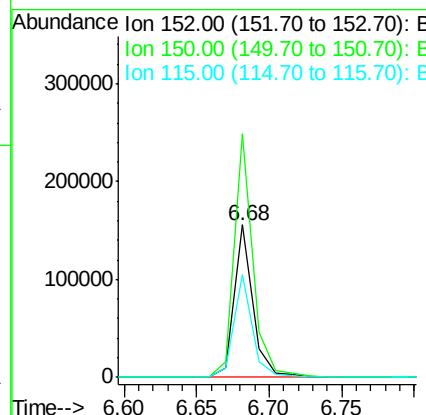
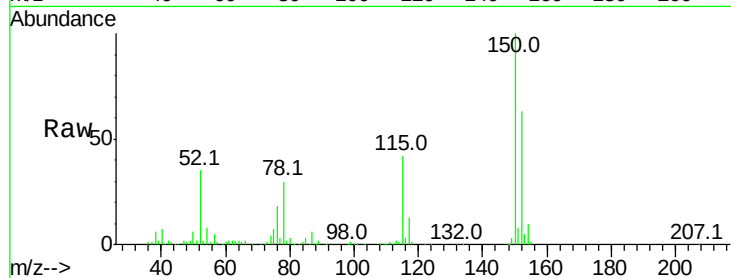


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF086883.D
Acq: 11 May 2016 6:09

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-7K

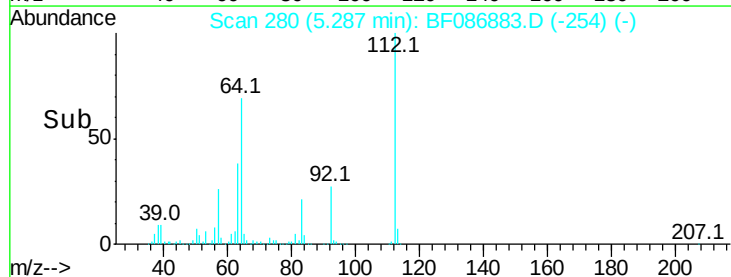
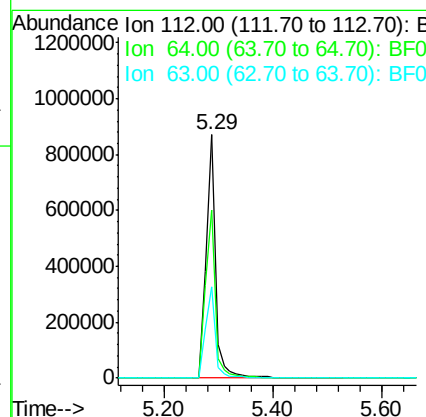
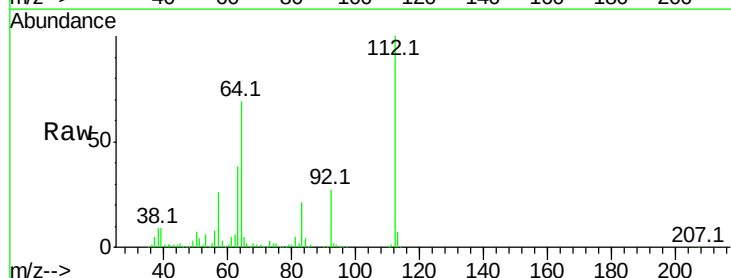
Tot Ion:152 Resp: 139096
Ion Ratio Lower Upper
152 100
150 159.9 125.8 188.6
115 67.4 51.5 77.3

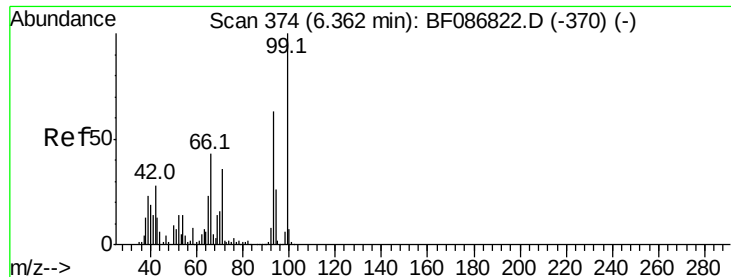


#5

2-Fluorophenol
Concen: 126.12 ng
RT: 5.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: BF086883.D
Acq: 11 May 2016 6:09

Tgt Ion:112 Resp: 1035887
Ion Ratio Lower Upper
112 100
64 69.2 52.1 78.1
63 37.5 25.7 38.5





#7

Phenol-d6

Concen: 122.99 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086883.D

Acq: 11 May 2016 6:09

Instrument :

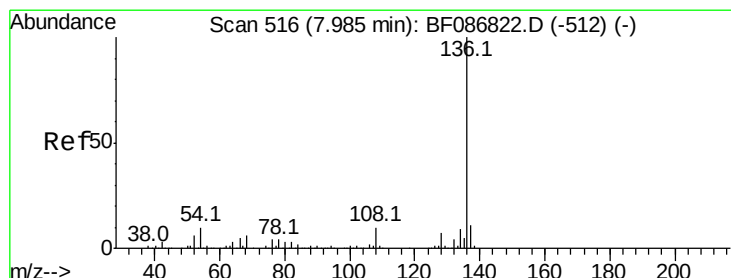
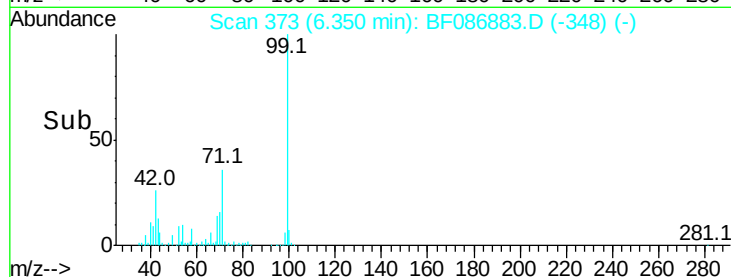
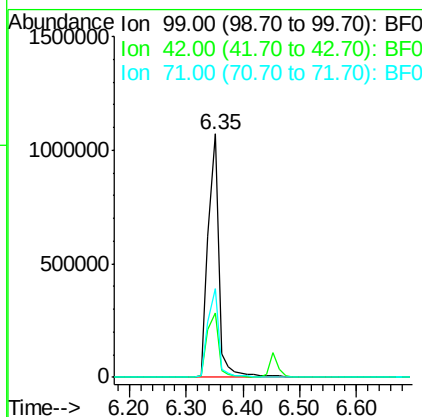
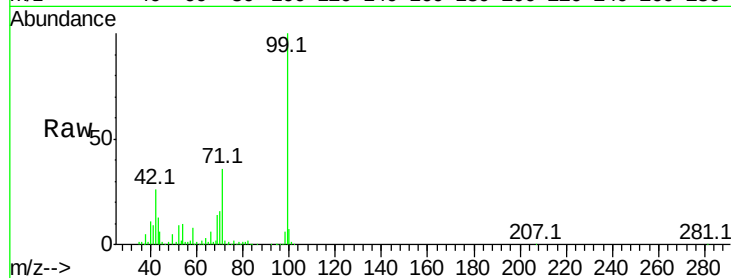
BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-7K

Tot Ion: 99 Resp: 1350097

Ion	Ratio	Lower	Upper
99	100		
42	26.3	13.6	20.4#
71	36.3	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

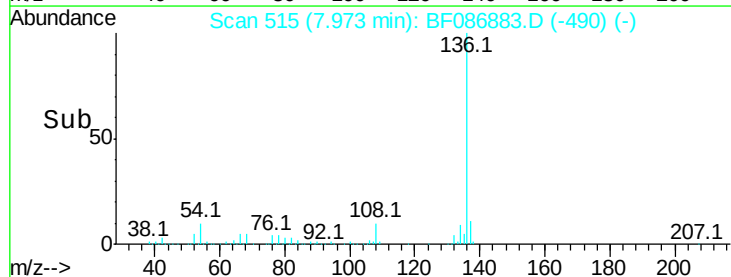
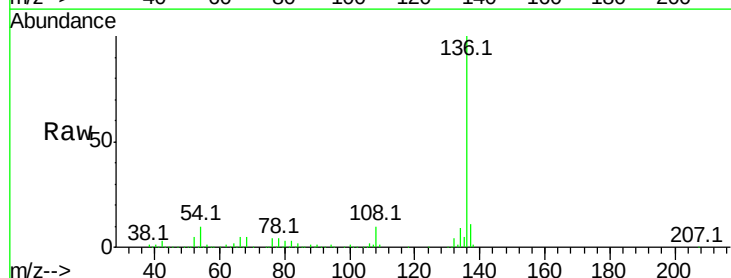
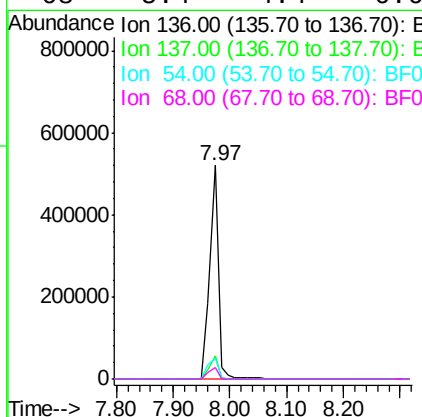
Delta R.T. -0.01 min

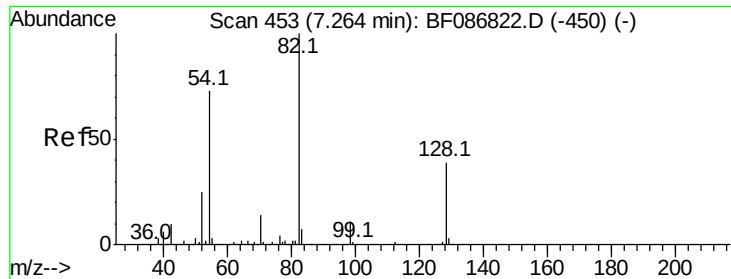
Lab File: BF086883.D

Acq: 11 May 2016 6:09

Tgt Ion: 136 Resp: 523940

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	9.5	5.0	7.4#
68	5.4	4.4	6.6





#23

Nitrobenzene-d5

Concen: 73.82 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF086883.D

Acq: 11 May 2016 6:09

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-7K

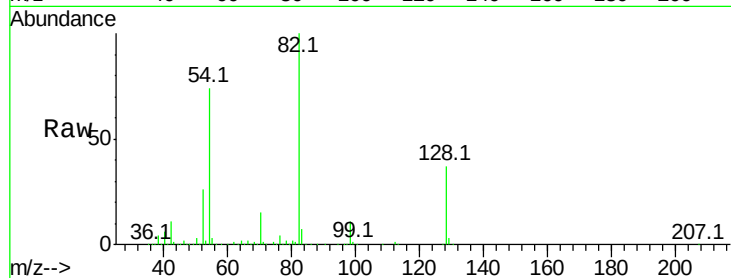
Tot Ion: 82 Resp: 770281

Ion Ratio Lower Upper

82 100

128 37.2 40.6 61.0#

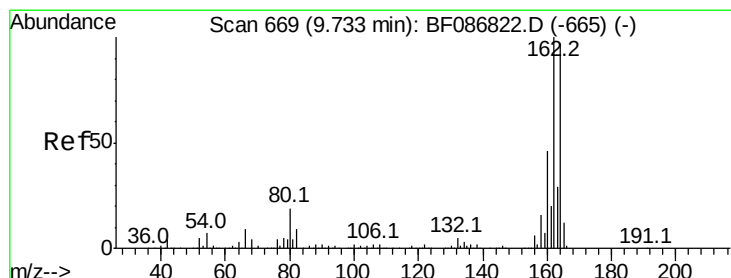
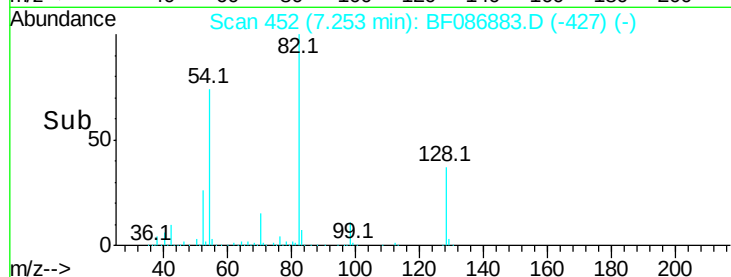
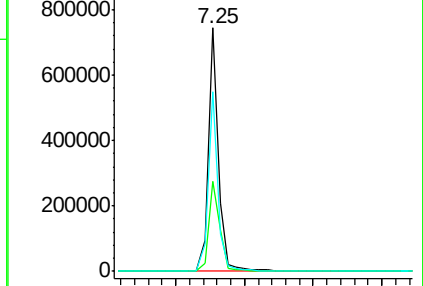
54 73.6 38.1 57.1#



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: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF086883.D

Acq: 11 May 2016 6:09

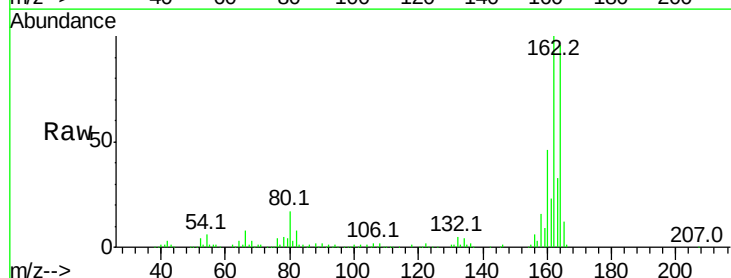
Tgt Ion: 164 Resp: 207459

Ion Ratio Lower Upper

164 100

162 104.5 82.8 124.2

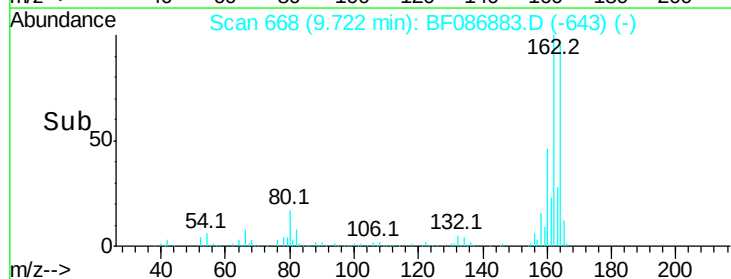
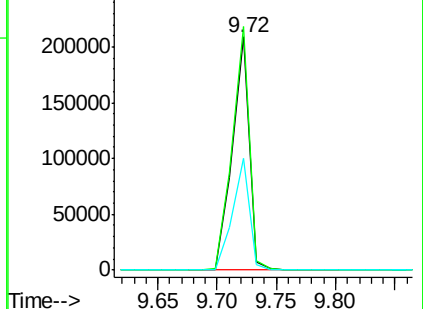
160 48.1 36.9 55.3

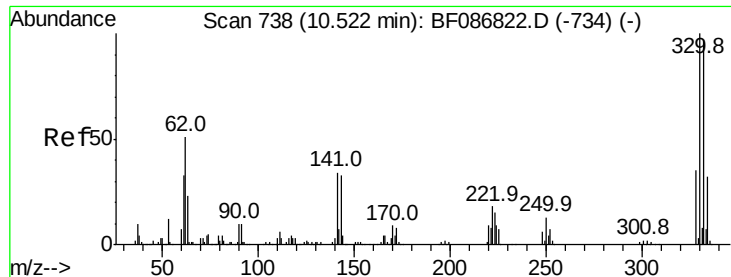


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

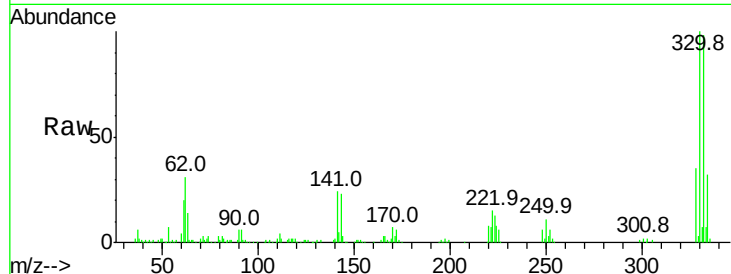




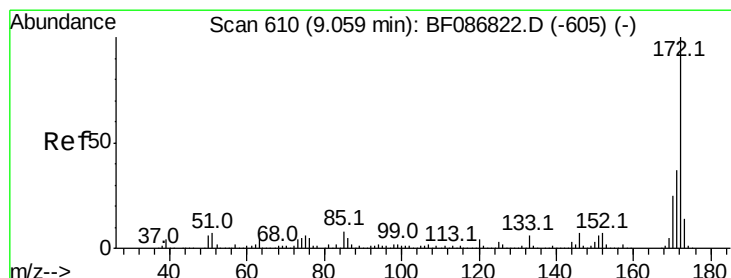
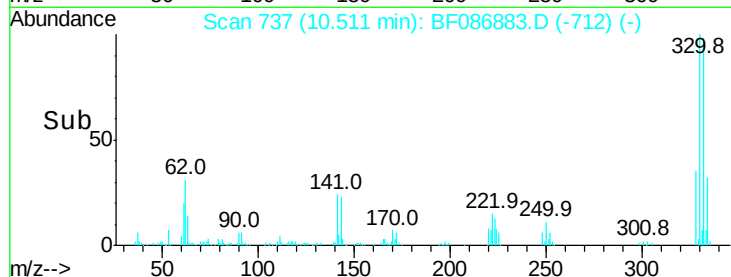
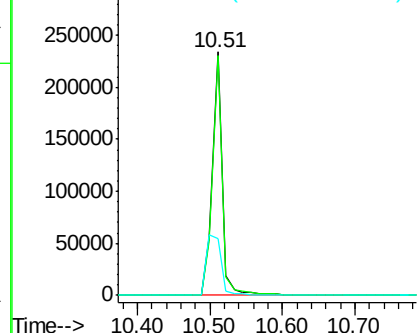
#41
 2,4,6-Tribromophenol
 Concen: 102.72 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086883.D
 Acq: 11 May 2016 6:09

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-7K

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.0	118.4
141	37.4	31.2	46.8

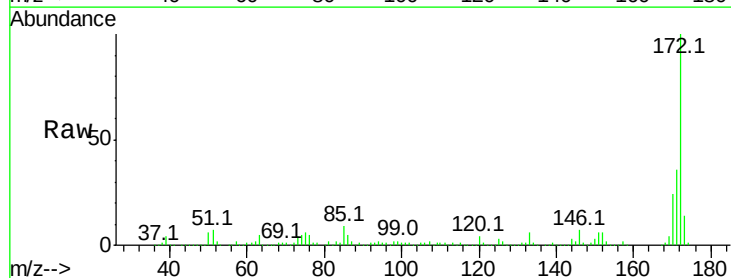


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

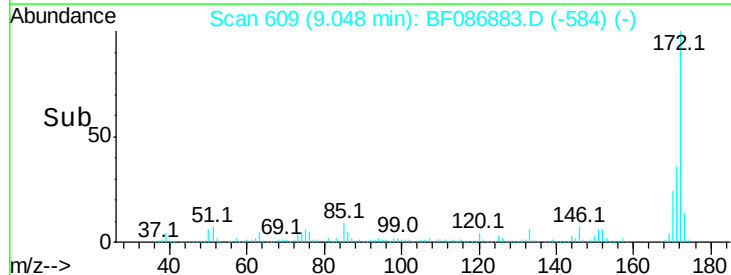
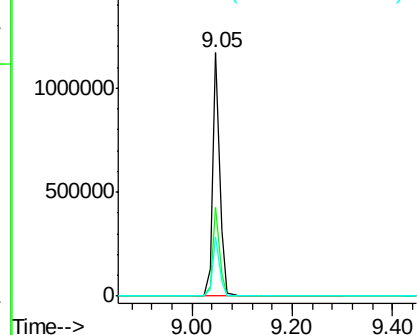


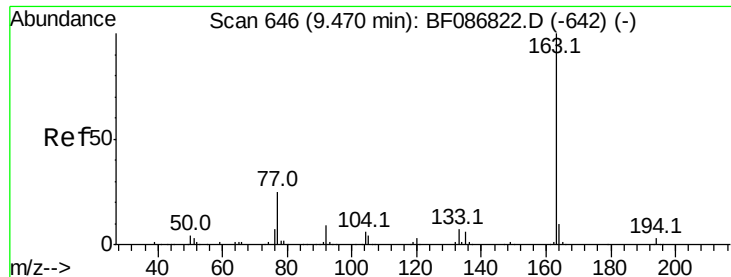
#44
 2-Fluorobiphenyl
 Concen: 92.19 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086883.D
 Acq: 11 May 2016 6:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.4	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

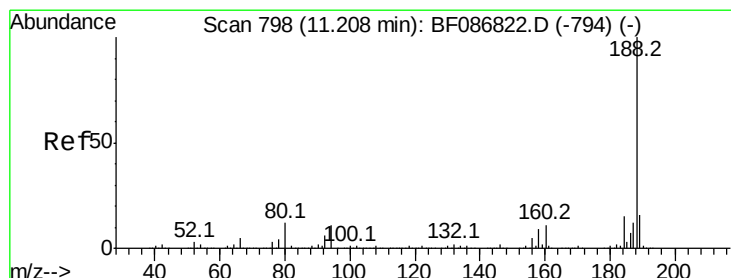
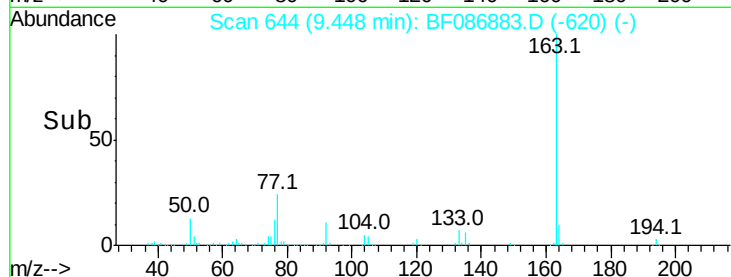
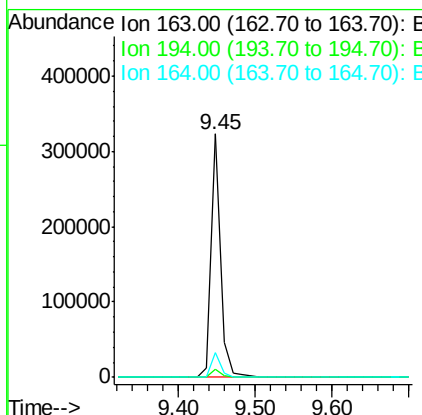
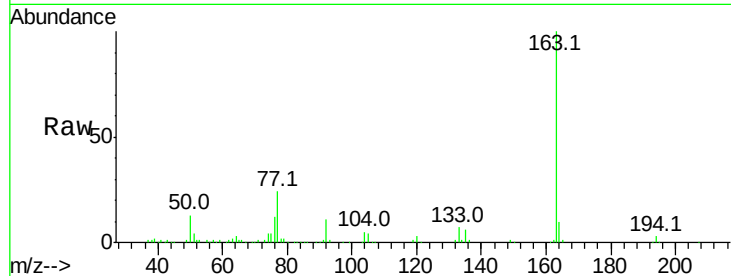




#49
Dimethylphthalate
Concen: 17.14 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF086883.D
Acq: 11 May 2016 6:09

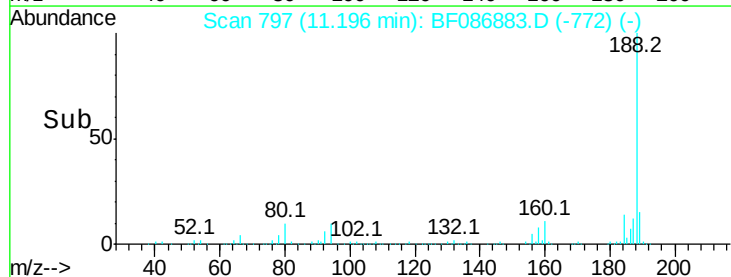
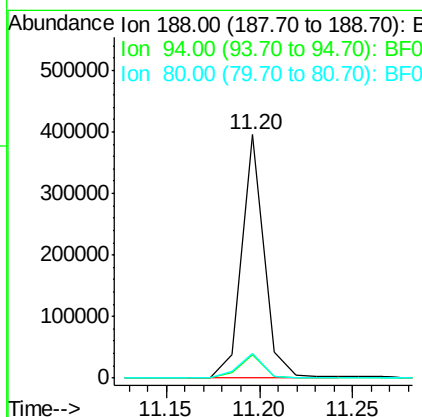
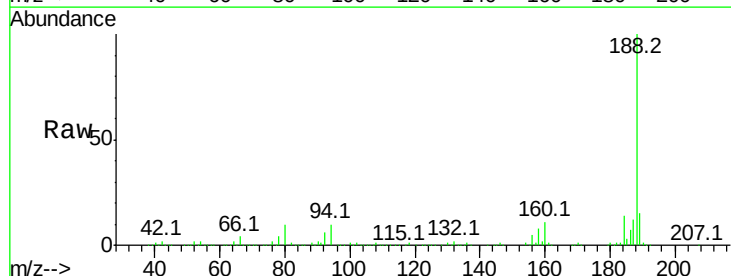
Instrument :
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ClientSampleId :
VITALE-FILL-CSPH3-7K

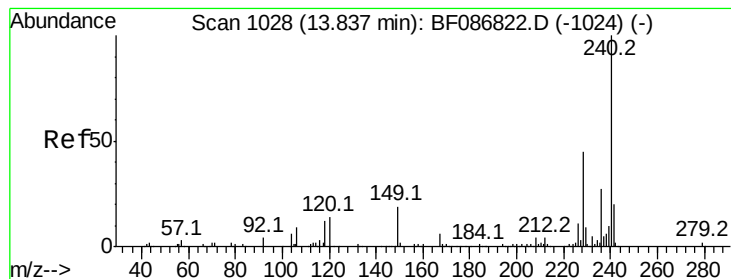
Tot Ion:163 Resp: 271253
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.2 8.2 12.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF086883.D
Acq: 11 May 2016 6:09

Tgt Ion:188 Resp: 332851
Ion Ratio Lower Upper
188 100
94 9.7 6.8 10.2
80 10.3 7.1 10.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF086883.D

Acq: 11 May 2016 6:09

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-7K

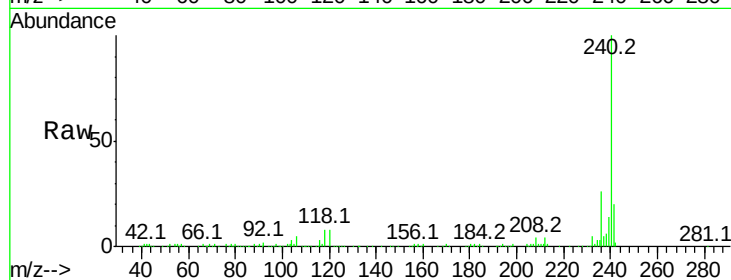
Tot Ion:240 Resp: 266422

Ion Ratio Lower Upper

240 100

120 8.4 11.2 16.8#

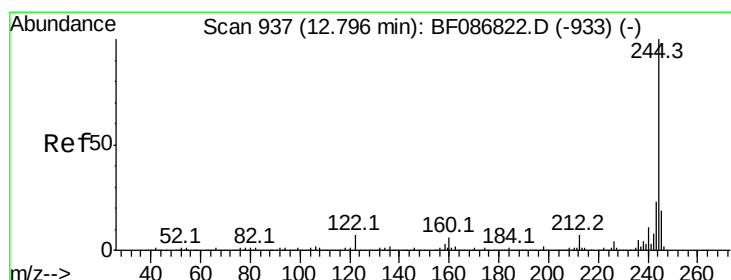
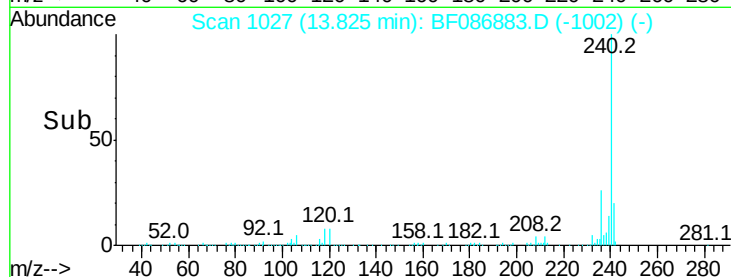
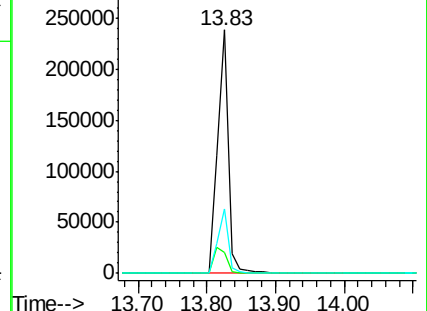
236 26.3 21.2 31.8



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: 67.78 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF086883.D

Acq: 11 May 2016 6:09

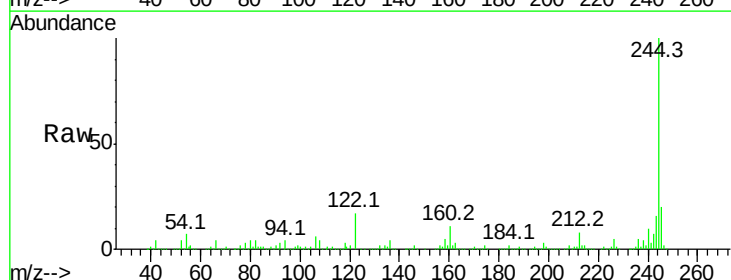
Tgt Ion:244 Resp: 851114

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

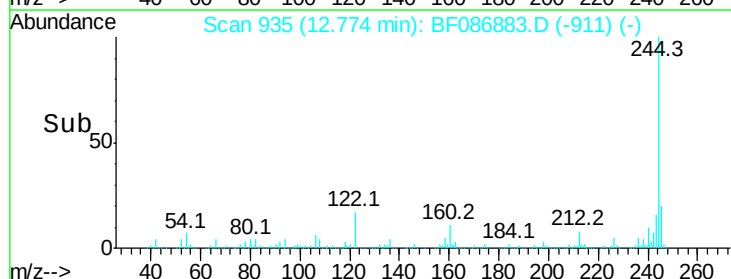
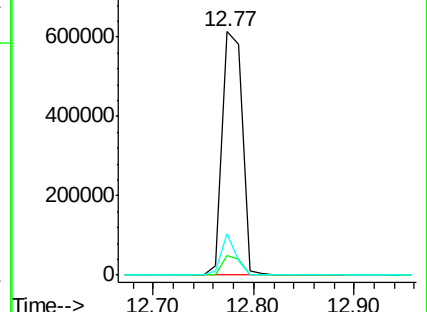
122 17.1 12.0 18.0

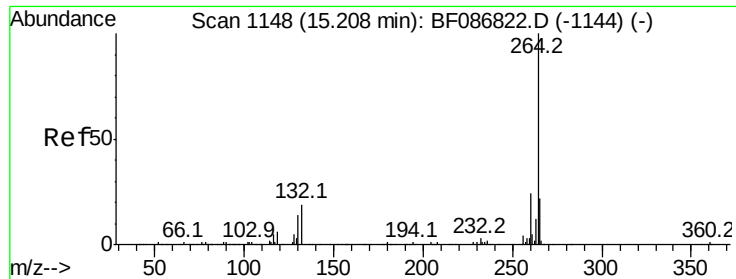


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

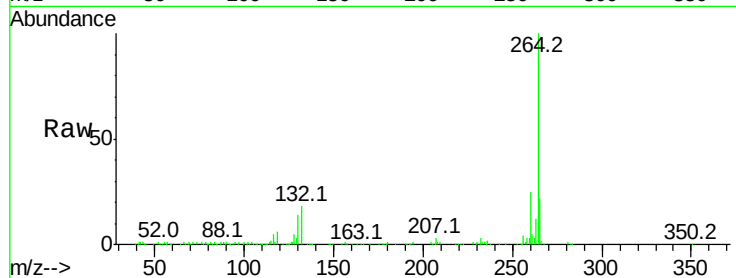




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF086883.D
Acq: 11 May 2016 6:09

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-7K

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.7	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

