

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086966.D
 Acq On : 13 May 2016 10:35
 Operator : UM/SJ
 Sample : H2916-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-6K

Manual Integrations
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Quant Time: May 13 14:45:02 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	6.63	152	134760m	20.00	ng	-0.07
21) Naphthalene-d8	7.91	136	527255	20.00	ng	-0.08
38) Acenaphthene-d10	9.66	164	219100	20.00	ng	-0.08
63) Phenanthrene-d10	11.13	188	332807	20.00	ng	-0.08
75) Chrysene-d12	13.76	240	301264	20.00	ng	-0.08
86) Perylene-d12	15.12	264	234216	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1246344	156.63	ng	-0.07
7) Phenol-d6	6.30	99	1750980	164.65	ng	-0.07
23) Nitrobenzene-d5	7.20	82	1100097	104.77	ng	-0.07
41) 2,4,6-Tribromophenol	10.44	330	255800	110.28	ng	-0.08
44) 2-Fluorobiphenyl	8.99	172	1473275	113.01	ng	-0.07
78) Terphenyl-d14	12.72	244	1007178	70.93	ng	-0.08
Target Compounds						
49) Dimethylphthalate	9.39	163	433420	25.93	ng	Qvalue 99

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

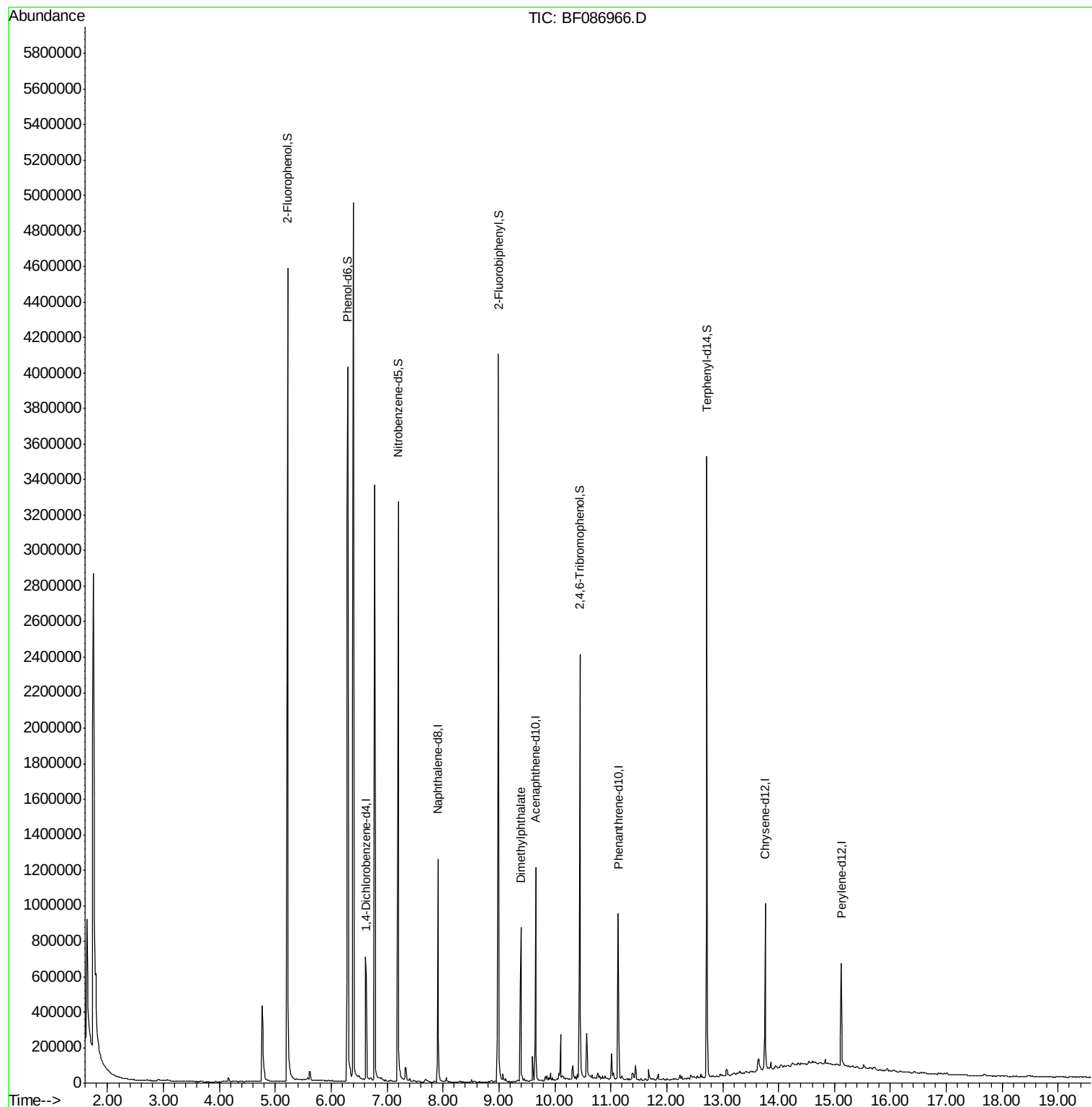
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086966.D
Acq On : 13 May 2016 10:35
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Sample : H2916-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

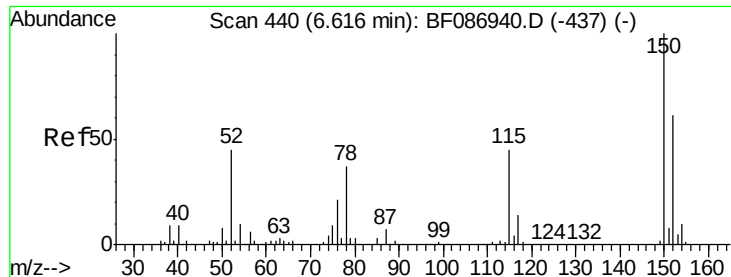
Instrument :
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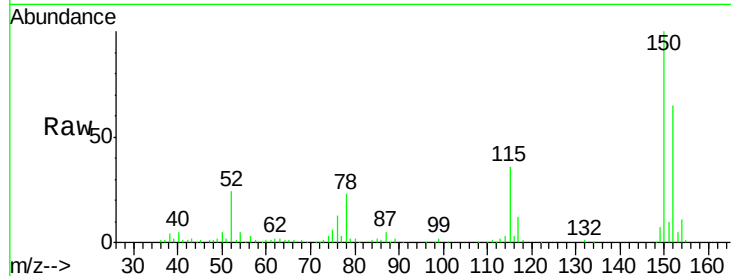




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.63 min Scan# 441
Delta R.T. -0.07 min
Lab File: BF086966.D
Acq: 13 May 2016 10:35

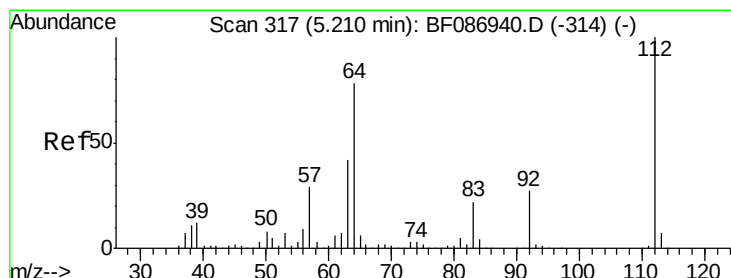
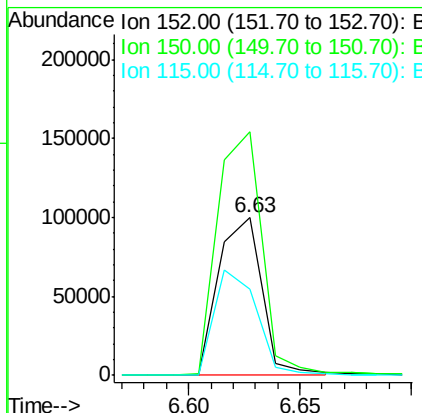
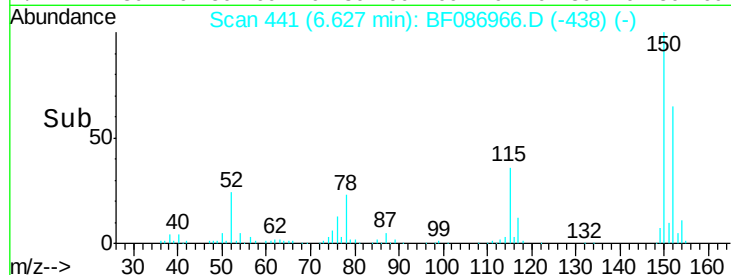
Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-6K



Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.8	188.6
115	54.9	51.5	77.3

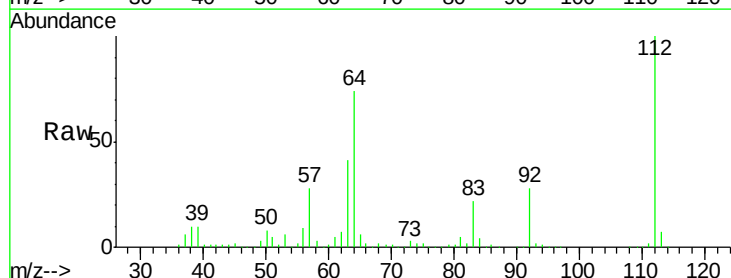
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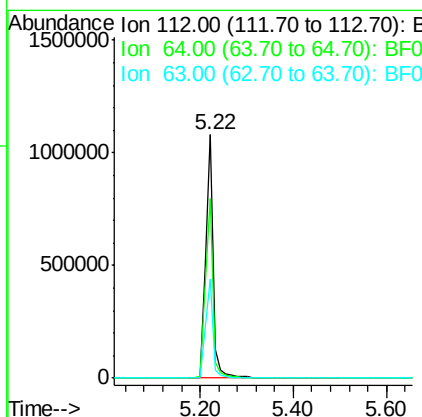
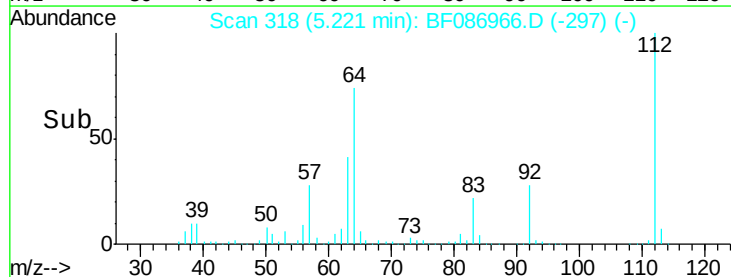


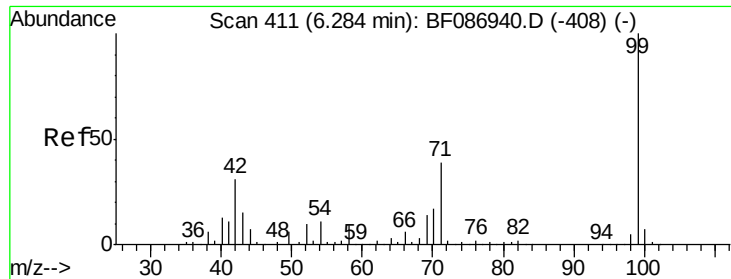
#5

2-Fluorophenol
Concen: 156.63 ng
RT: 5.22 min Scan# 318
Delta R.T. -0.07 min
Lab File: BF086966.D
Acq: 13 May 2016 10:35



Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.6	52.1	78.1
63	40.7	25.7	38.5





#7

Phenol-d6

Concen: 164.65 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.07 min

Lab File: BF086966.D

Acq: 13 May 2016 10:35

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-6K

Tgt Ion: 99 Resp: 1750980

Ion Ratio Lower Upper

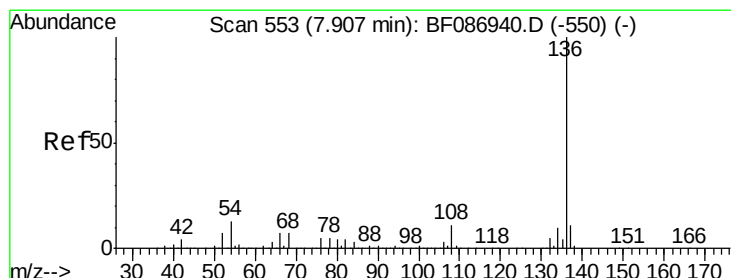
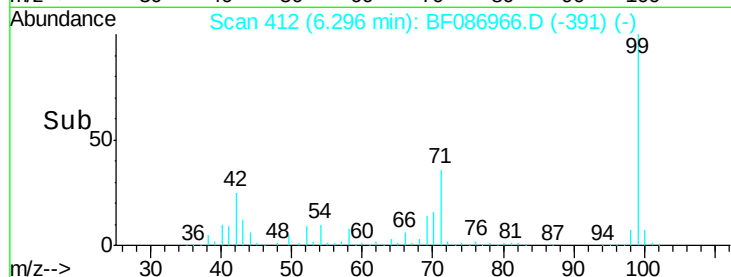
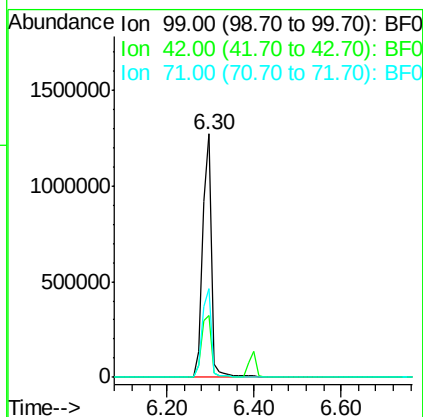
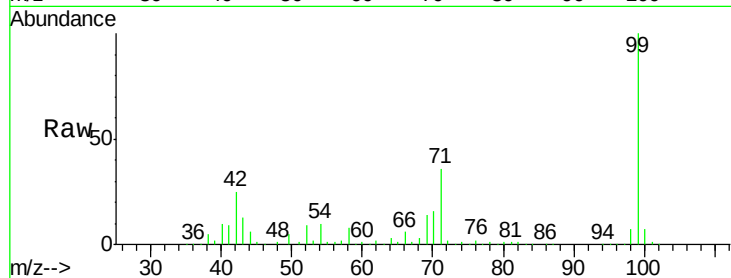
99 100

42 25.4 13.6 20.4#

71 36.3 24.6 36.8

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.08 min

Lab File: BF086966.D

Acq: 13 May 2016 10:35

Tgt Ion: 136 Resp: 527255

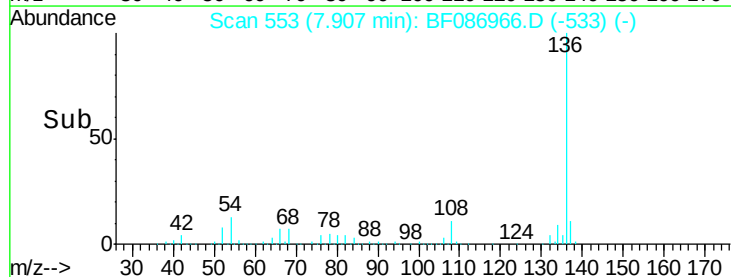
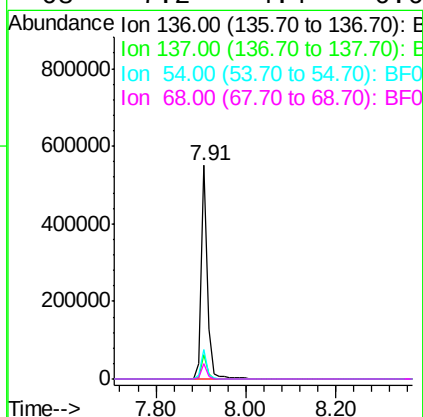
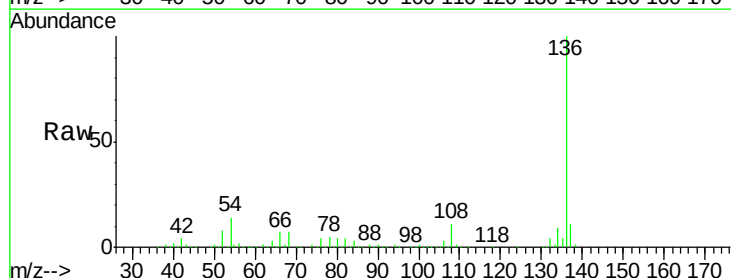
Ion Ratio Lower Upper

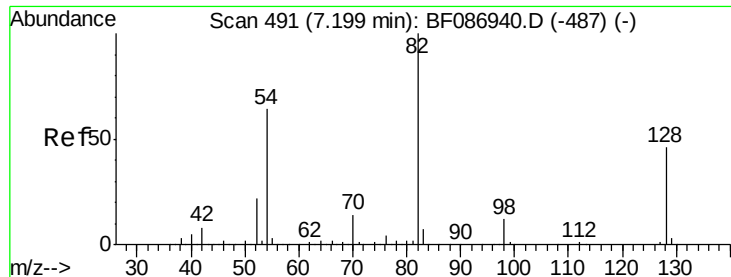
136 100

137 11.4 8.8 13.2

54 13.5 5.0 7.4#

68 7.2 4.4 6.6#





#23

Nitrobenzene-d5

Concen: 104.77 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.07 min

Lab File: BF086966.D

Acq: 13 May 2016 10:35

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-6K

Tgt Ion: 82 Resp: 1100097

Ion Ratio Lower Upper

82 100

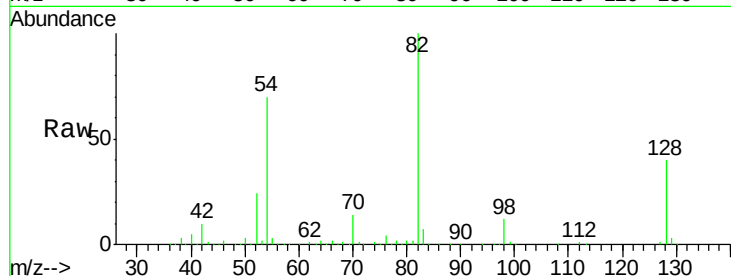
128 40.4 40.6 61.0#

54 70.0 38.1 57.1#

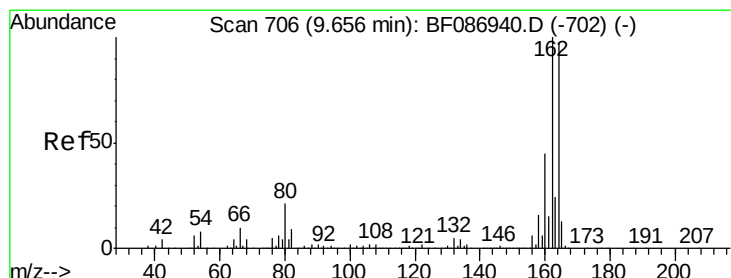
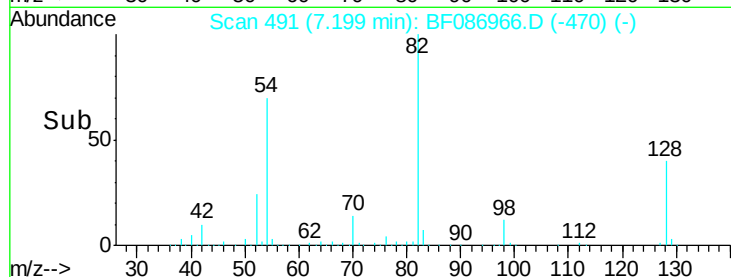
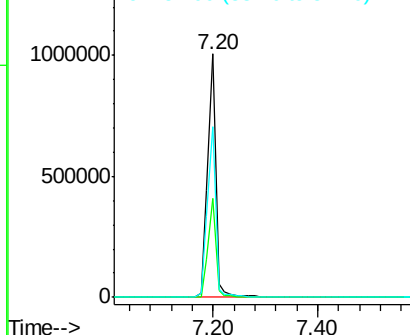
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.08 min

Lab File: BF086966.D

Acq: 13 May 2016 10:35

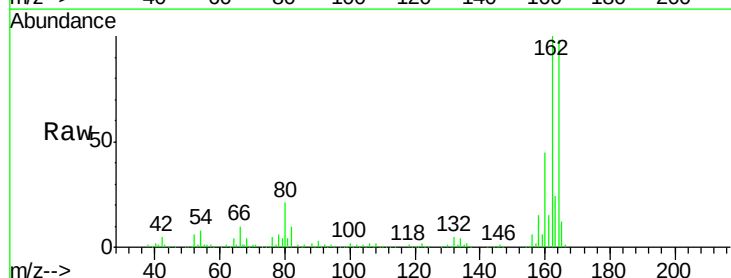
Tgt Ion: 164 Resp: 219100

Ion Ratio Lower Upper

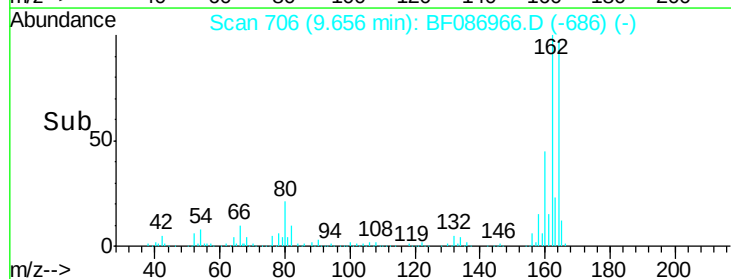
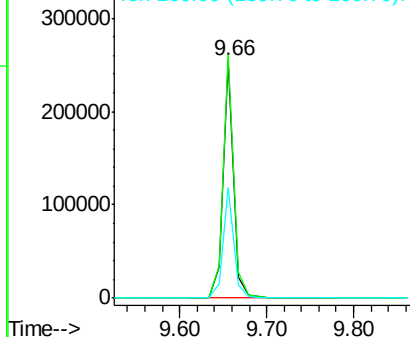
164 100

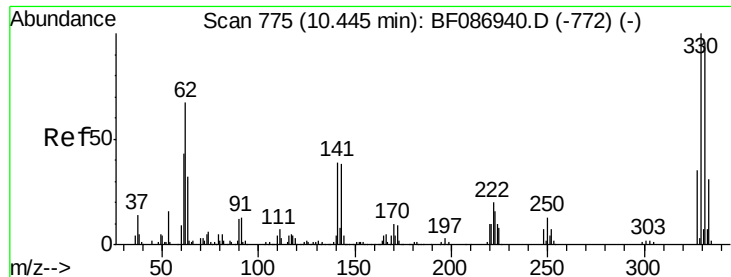
162 102.5 82.8 124.2

160 46.4 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





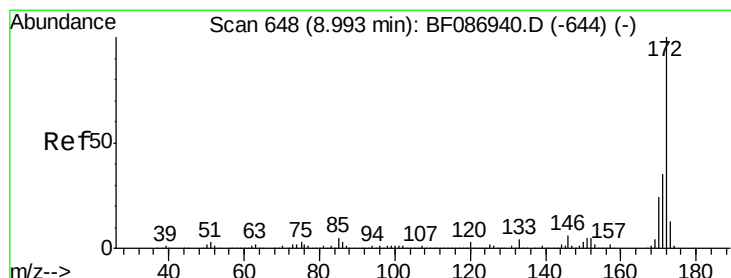
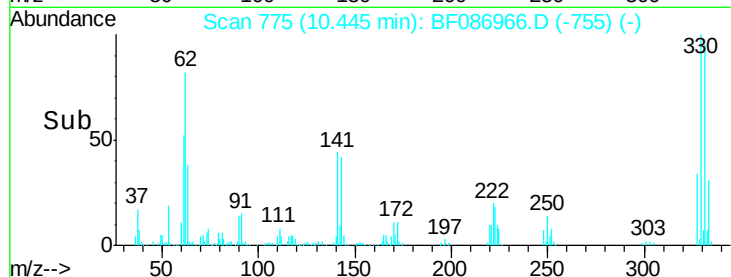
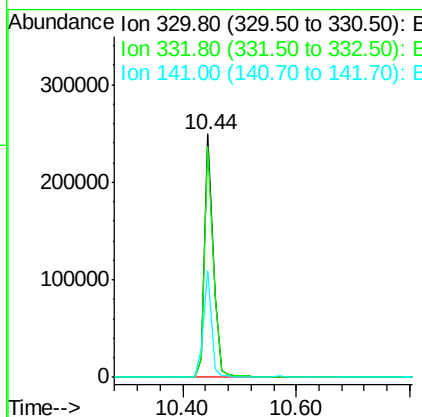
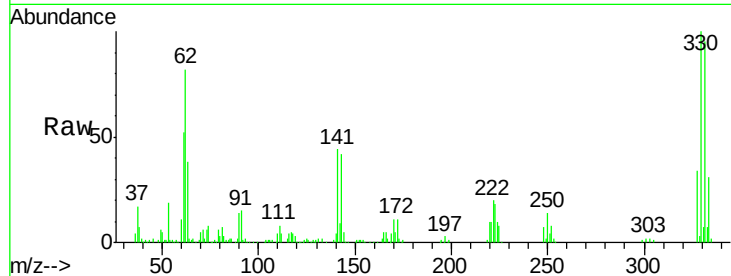
#41
 2,4,6-Tribromophenol
 Concen: 110.28 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.08 min
 Lab File: BF086966.D
 Acq: 13 May 2016 10:35

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-6K

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	255800		
332	95.6	79.0	118.4	
141	41.2	31.2	46.8	

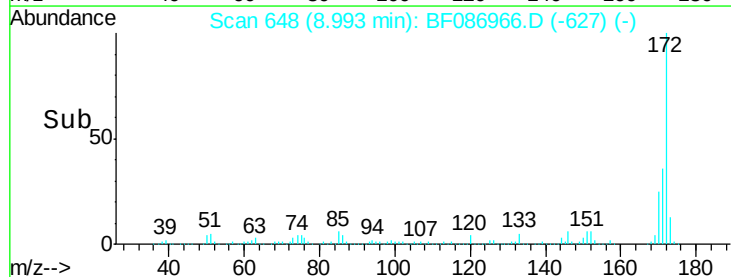
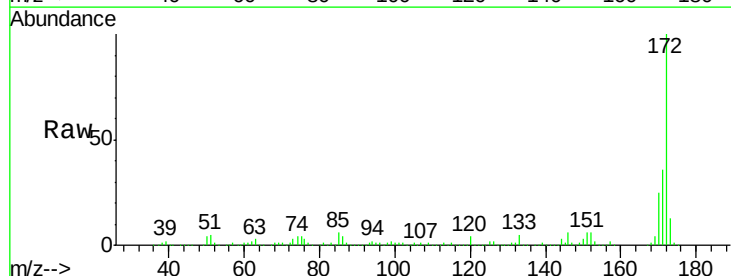
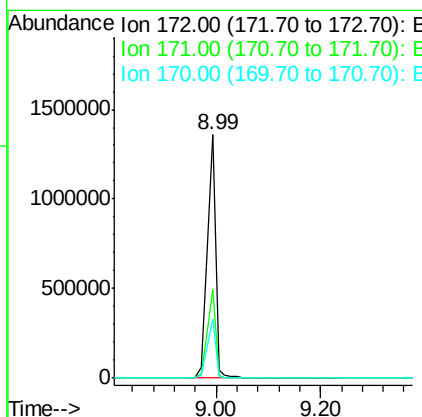
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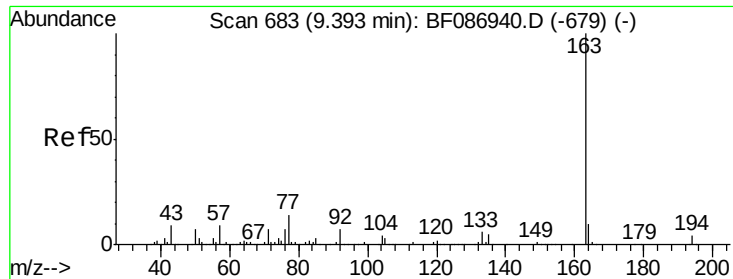
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#44
 2-Fluorobiphenyl
 Concen: 113.01 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.07 min
 Lab File: BF086966.D
 Acq: 13 May 2016 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1473275		
171	36.3	29.0	43.6	
170	24.5	19.8	29.8	





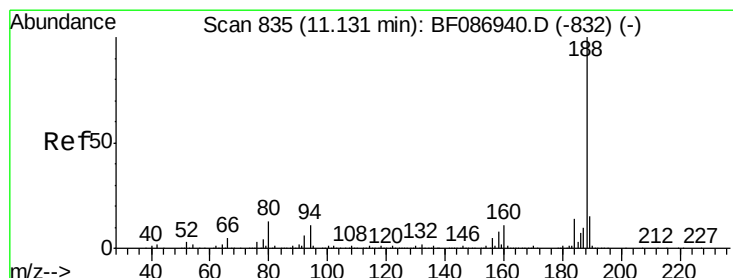
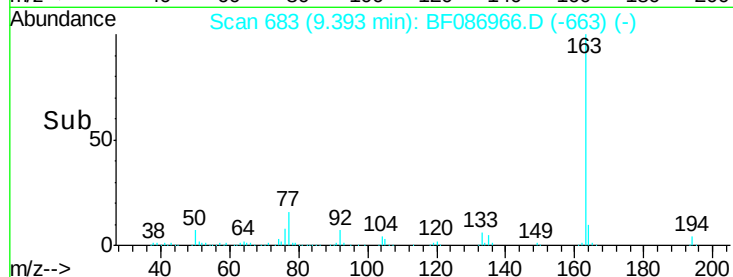
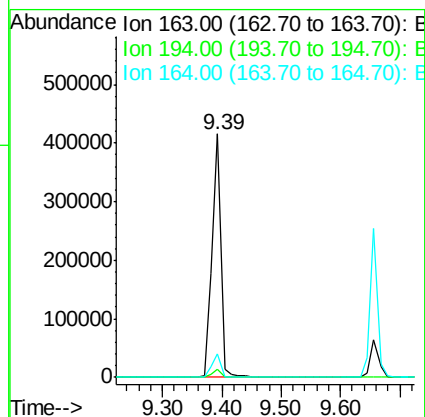
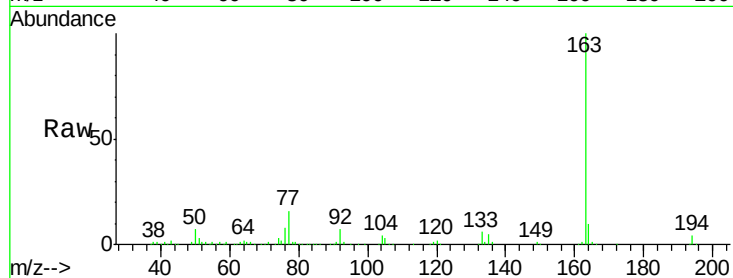
#49
Dimethylphthalate
Concen: 25.93 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.08 min
Lab File: BF086966.D
Acq: 13 May 2016 10:35

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-6K

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	433420		
194	3.5	2.6	4.0	
164	9.8	8.2	12.4	

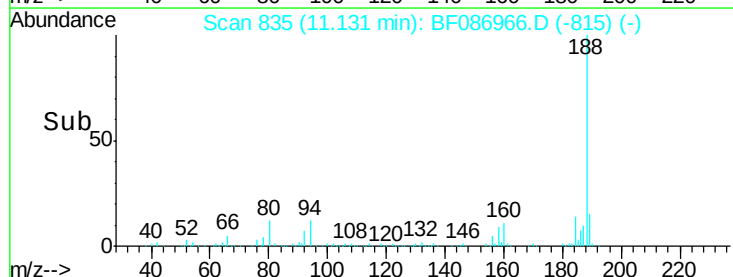
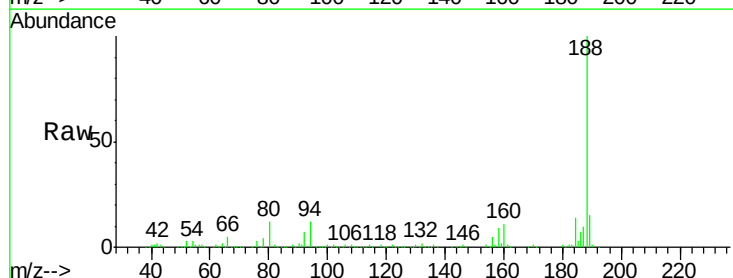
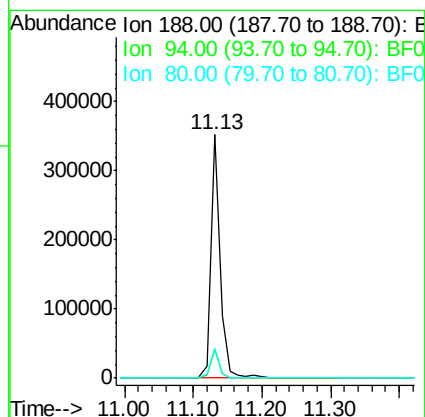
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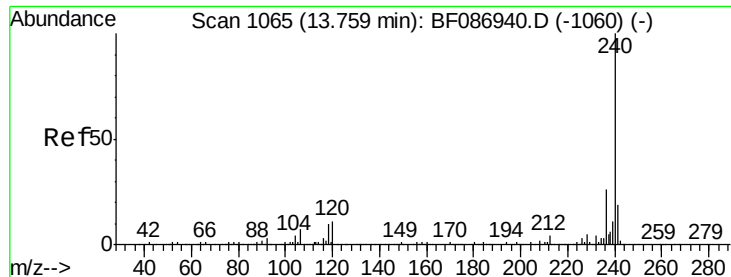
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.08 min
Lab File: BF086966.D
Acq: 13 May 2016 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	332807		
94	11.6	6.8	10.2#	
80	12.5	7.1	10.7#	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.08 min

Lab File: BF086966.D

Acq: 13 May 2016 10:35

Instrument :

BNA_F

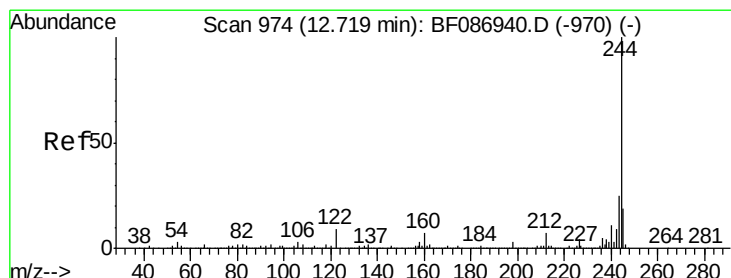
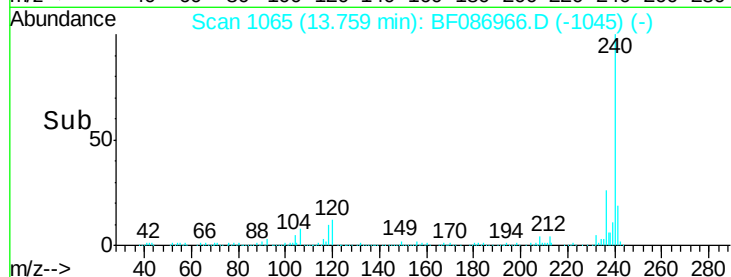
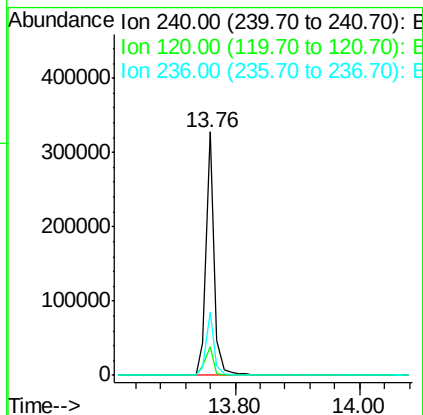
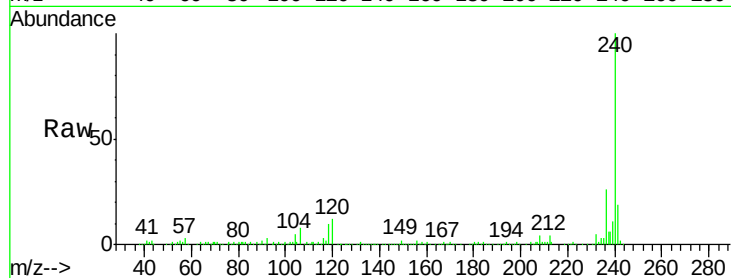
ClientSampleId :

VITALE-FILL-CSPH3-6K

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Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	11.2	16.8
236	26.2	21.2	31.8



#78

Terphenyl-d14

Concen: 70.93 ng

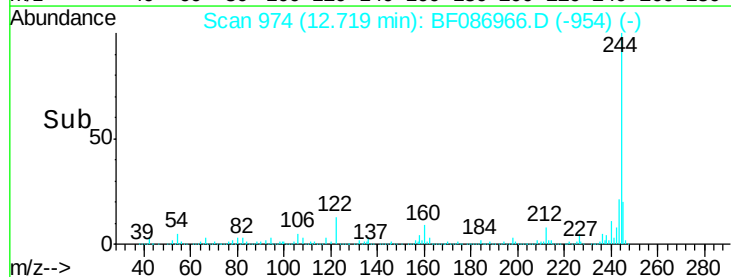
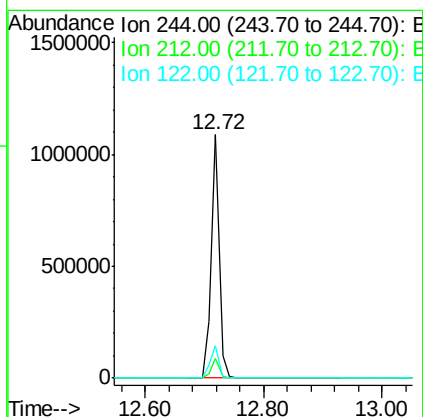
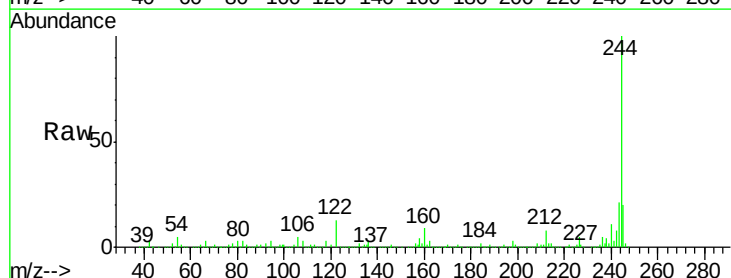
RT: 12.72 min Scan# 974

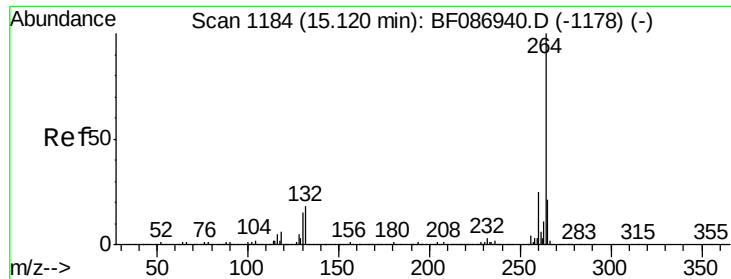
Delta R.T. -0.08 min

Lab File: BF086966.D

Acq: 13 May 2016 10:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	13.1	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.09 min
Lab File: BF086966.D
Acq: 13 May 2016 10:35

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-6K

Tgt	Ion	264	Resp:	234216
Ion	Ratio	Lower	Upper	
264	100			
260	25.0	19.5	29.3	
265	22.6	17.3	25.9	

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