

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086965.D
 Acq On : 13 May 2016 10:06
 Operator : UM/SJ
 Sample : H2916-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-5K

Manual Integrations
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Quant Time: May 13 14:41:53 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	133109m	20.00	ng	-0.07
21) Naphthalene-d8	7.91	136	515454	20.00	ng	-0.08
38) Acenaphthene-d10	9.66	164	209791	20.00	ng	-0.08
63) Phenanthrene-d10	11.13	188	328005	20.00	ng	-0.08
75) Chrysene-d12	13.76	240	303661	20.00	ng	-0.08
86) Perylene-d12	15.12	264	245770	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1248213	158.81	ng	-0.07
7) Phenol-d6	6.30	99	1730963	164.78	ng	-0.07
23) Nitrobenzene-d5	7.20	82	1086083	105.80	ng	-0.07
41) 2,4,6-Tribromophenol	10.44	330	255977	115.25	ng	-0.08
44) 2-Fluorobiphenyl	8.99	172	1489482	119.32	ng	-0.07
78) Terphenyl-d14	12.72	244	988822	69.09	ng	-0.08
Target Compounds						
49) Dimethylphthalate	9.39	163	364483	22.77	ng	Qvalue 98

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

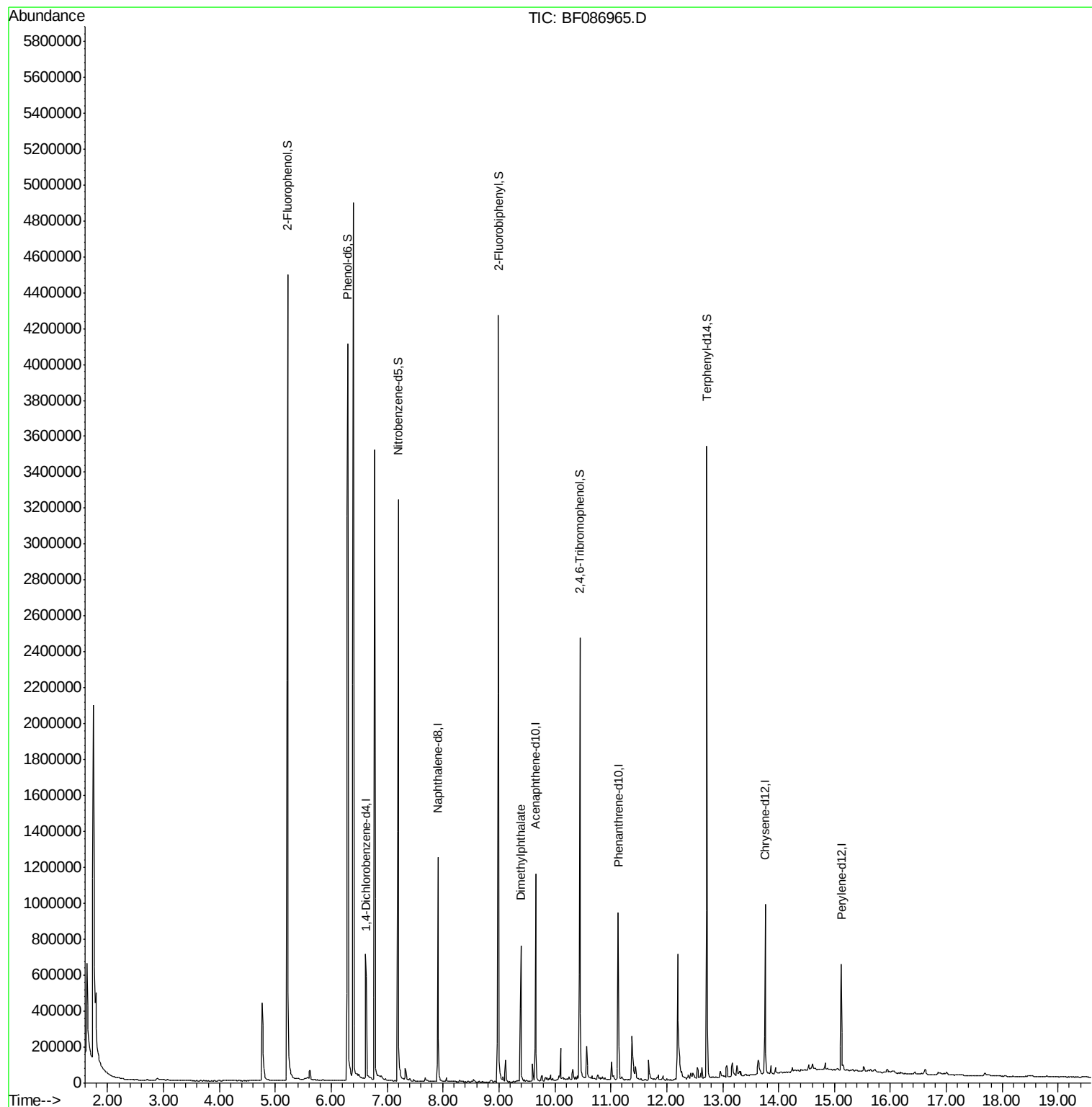
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086965.D
Acq On : 13 May 2016 10:06
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Sample : H2916-05
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ALS Vial : 39 Sample Multiplier: 1

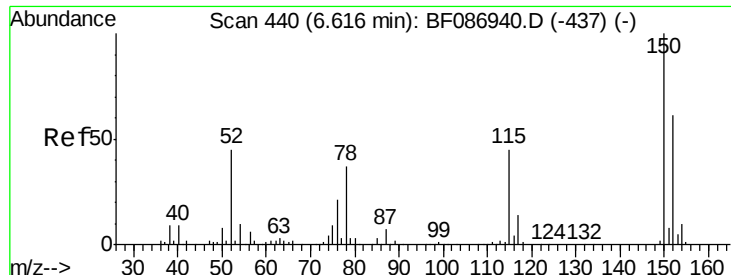
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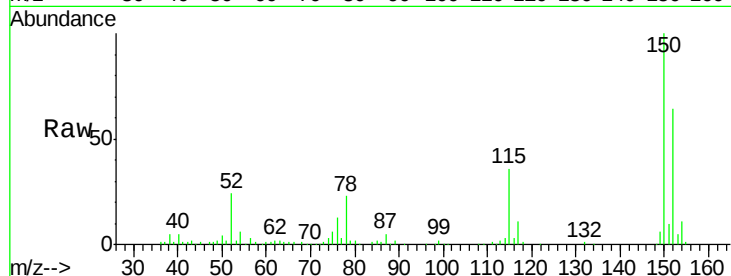




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.63 min Scan# 441
Delta R.T. -0.07 min
Lab File: BF086965.D
Acq: 13 May 2016 10:06

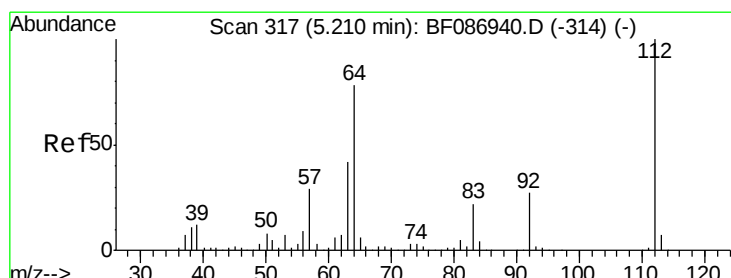
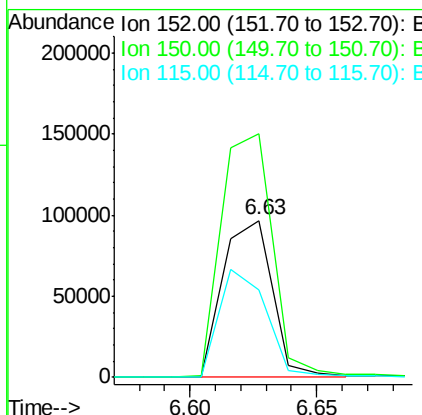
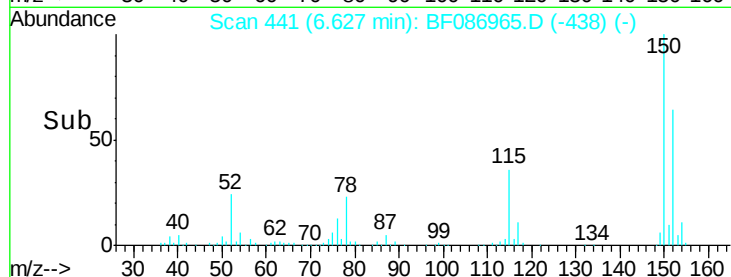
Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-5K



Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.8	188.6
115	56.0	51.5	77.3

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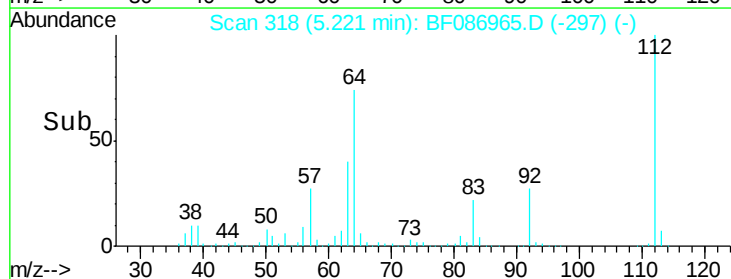
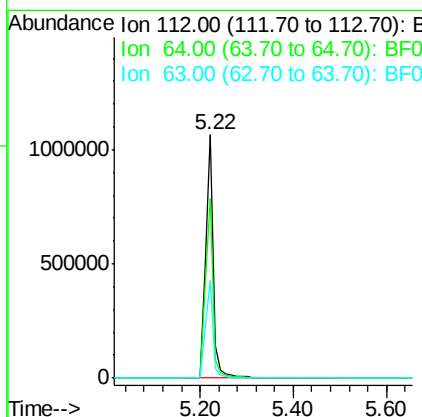
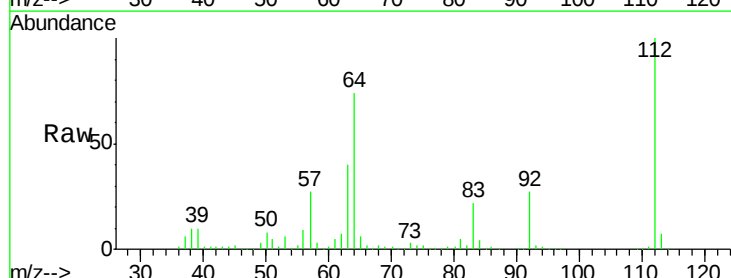
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#5

2-Fluorophenol
Concen: 158.81 ng
RT: 5.22 min Scan# 318
Delta R.T. -0.07 min
Lab File: BF086965.D
Acq: 13 May 2016 10:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.9	52.1	78.1
63	40.3	25.7	38.5





#7

Phenol-d6

Concen: 164.78 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.07 min

Lab File: BF086965.D

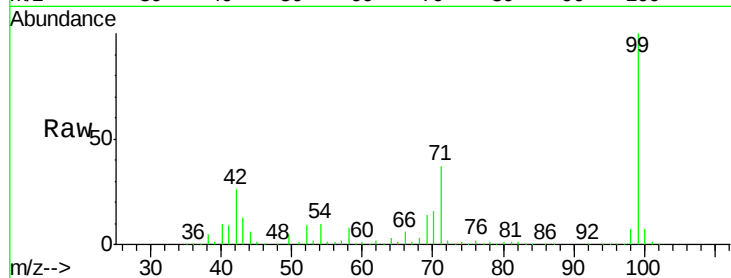
Acq: 13 May 2016 10:06

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-5K



Tgt Ion: 99 Resp: 1730963

Ion Ratio Lower Upper

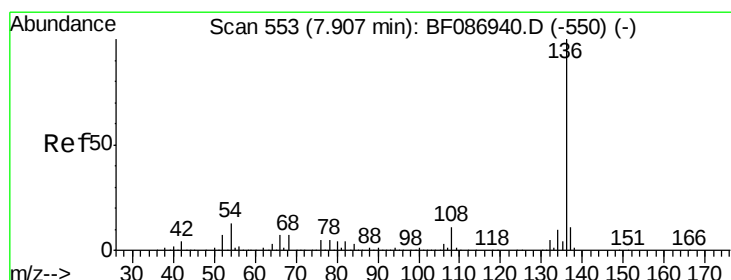
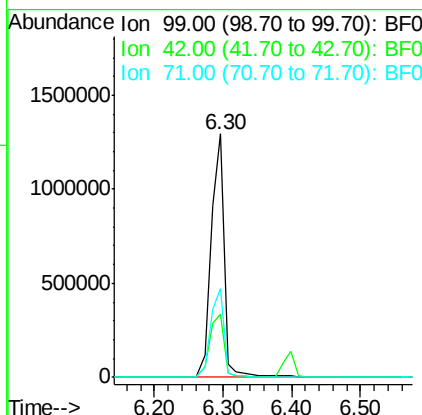
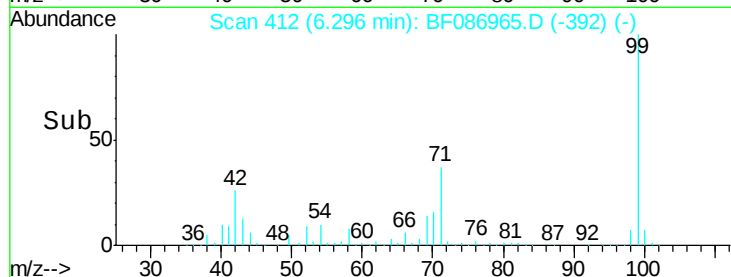
99 100

42 25.7 13.6 20.4#

71 36.6 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: BF086965.D

Acq: 13 May 2016 10:06

Tgt Ion: 136 Resp: 515454

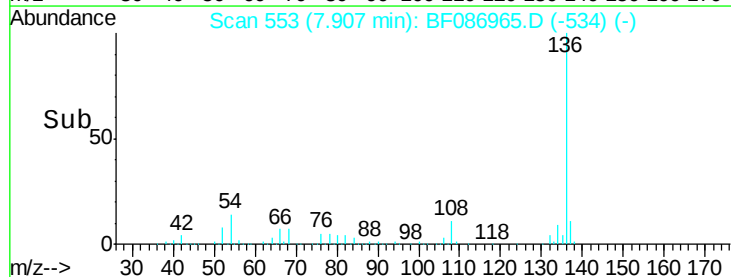
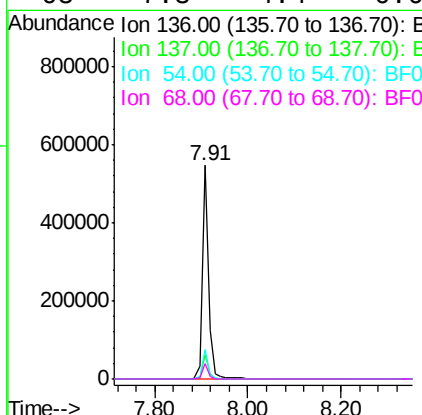
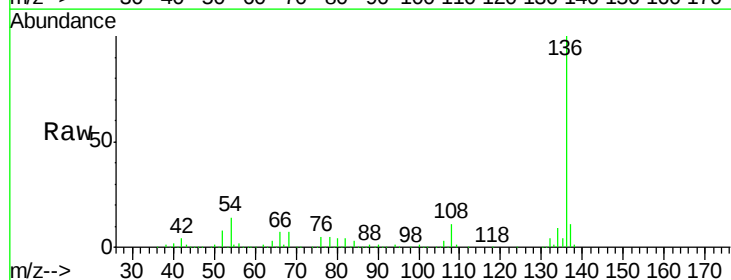
Ion Ratio Lower Upper

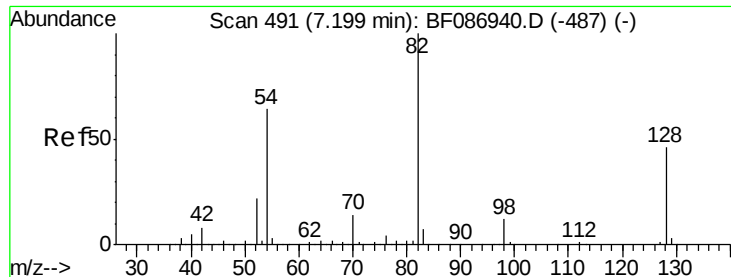
136 100

137 11.2 8.8 13.2

54 13.9 5.0 7.4#

68 7.3 4.4 6.6#





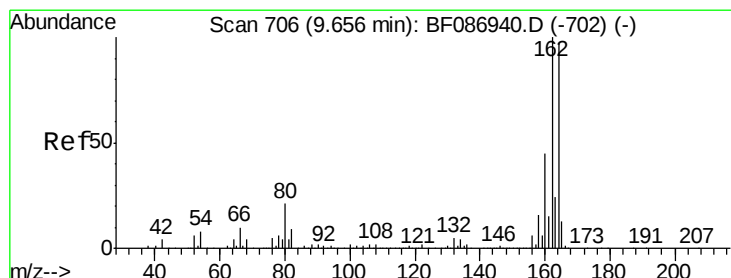
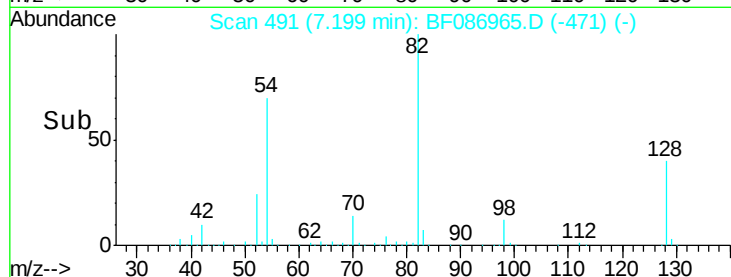
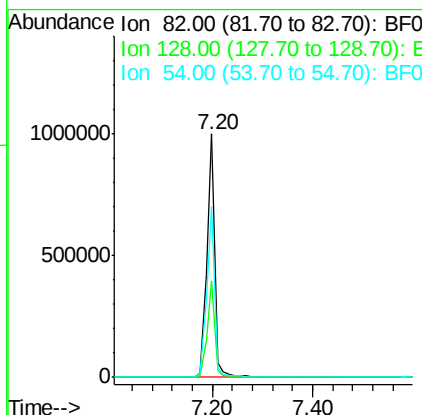
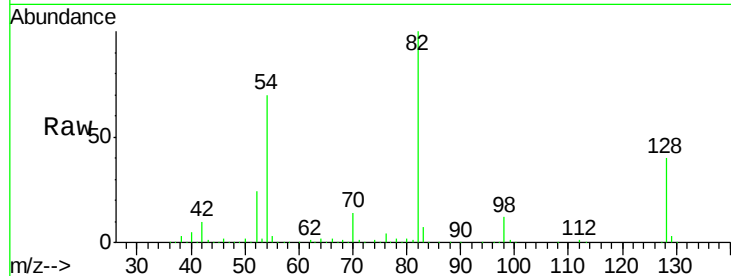
#23
 Nitrobenzene-d5
 Concen: 105.80 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.07 min
 Lab File: BF086965.D
 Acq: 13 May 2016 10:06

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-5K

Tgt Ion: 82 Resp: 1086083
 Ion Ratio Lower Upper
 82 100
 128 39.7 40.6 61.0#
 54 70.1 38.1 57.1#

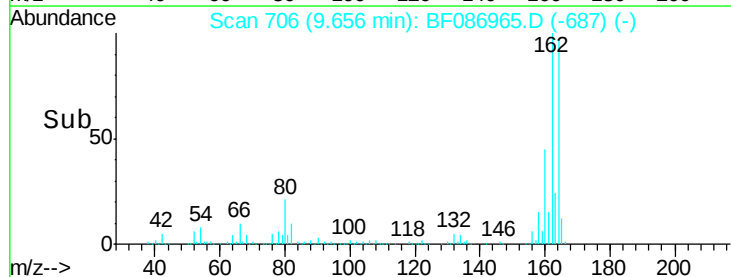
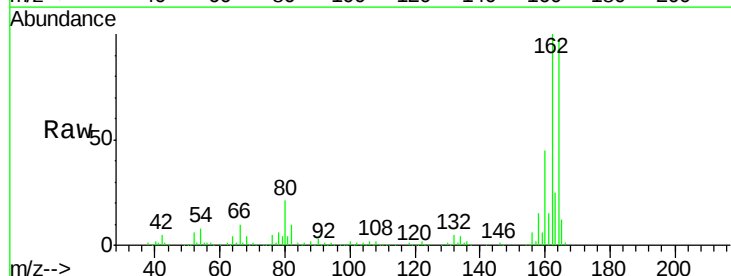
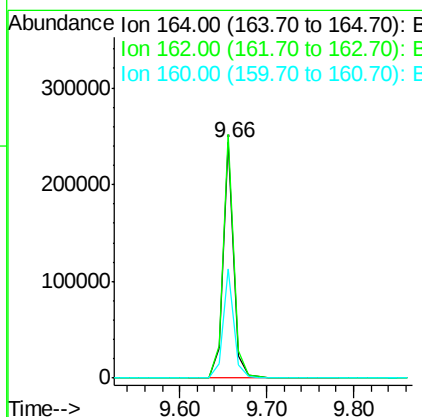
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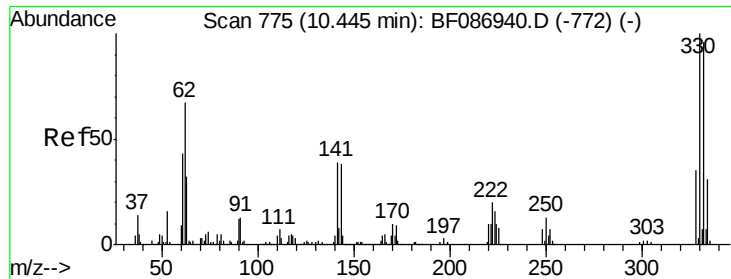
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.08 min
 Lab File: BF086965.D
 Acq: 13 May 2016 10:06

Tgt Ion: 164 Resp: 209791
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.8 124.2
 160 46.3 36.9 55.3





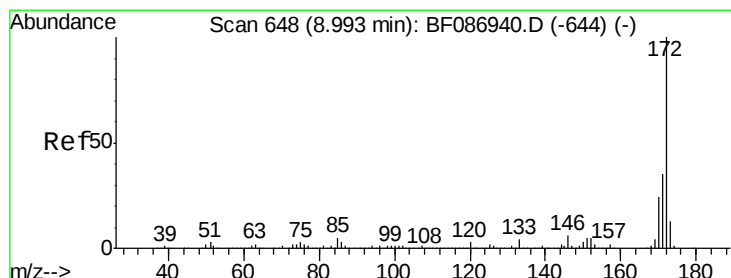
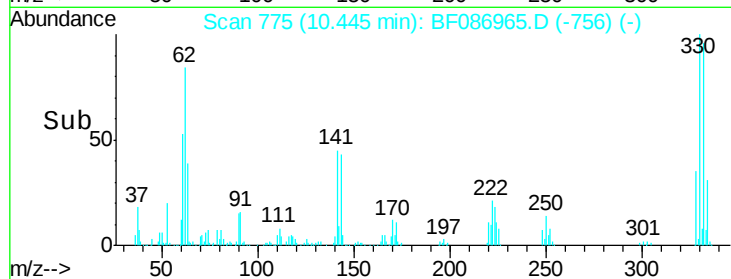
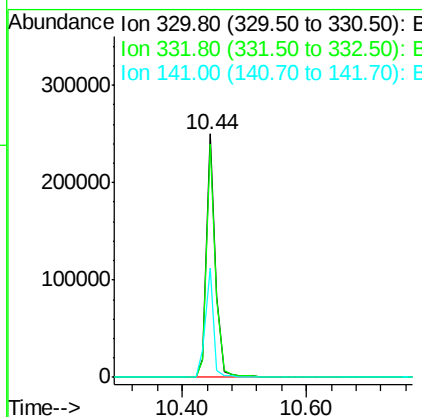
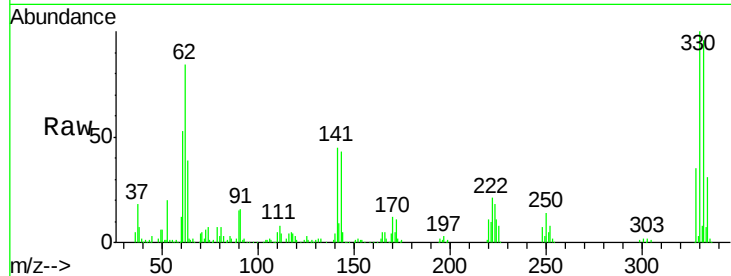
#41
 2,4,6-Tribromophenol
 Concen: 115.25 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.08 min
 Lab File: BF086965.D
 Acq: 13 May 2016 10:06

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-5K

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	255977		
332	95.7	79.0	118.4	
141	41.3	31.2	46.8	

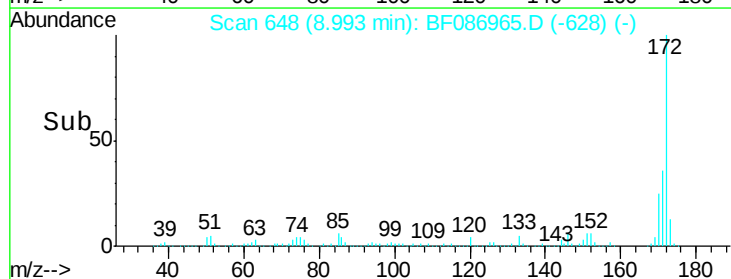
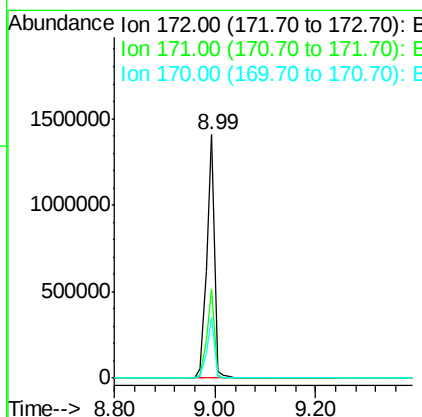
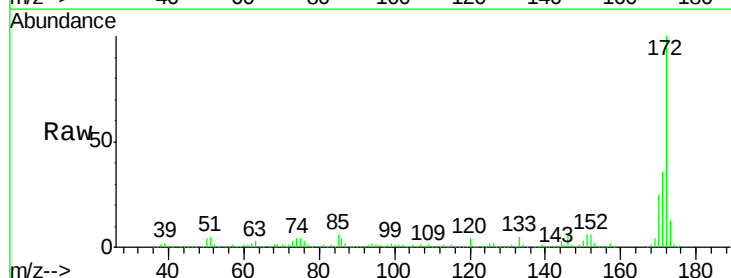
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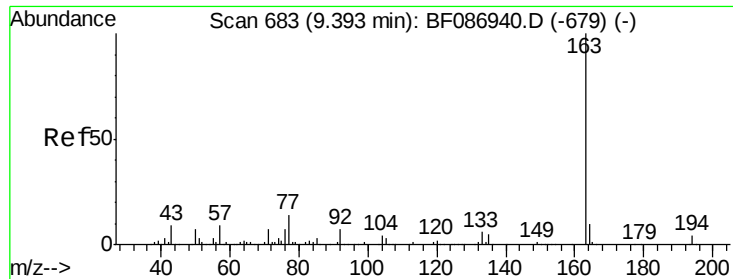
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#44
 2-Fluorobiphenyl
 Concen: 119.32 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.07 min
 Lab File: BF086965.D
 Acq: 13 May 2016 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1489482		
171	36.5	29.0	43.6	
170	24.7	19.8	29.8	





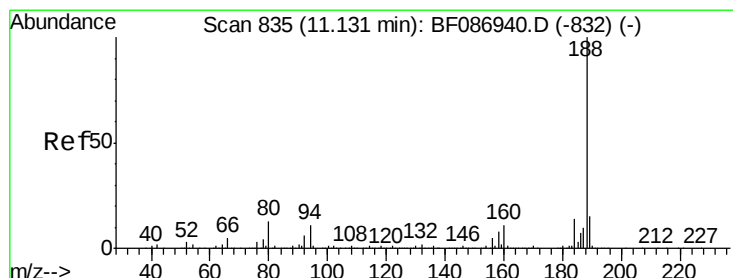
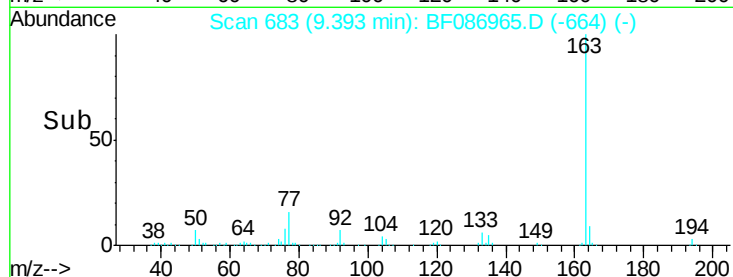
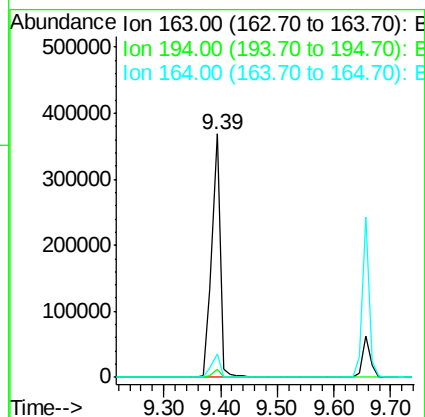
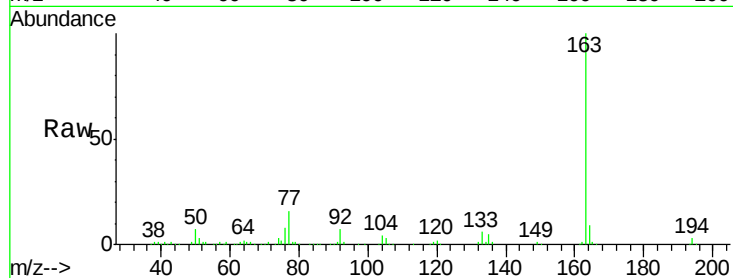
#49
Dimethylphthalate
Concen: 22.77 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.08 min
Lab File: BF086965.D
Acq: 13 May 2016 10:06

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-5K

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	364483		
194	3.4	2.6	4.0	
164	9.4	8.2	12.4	

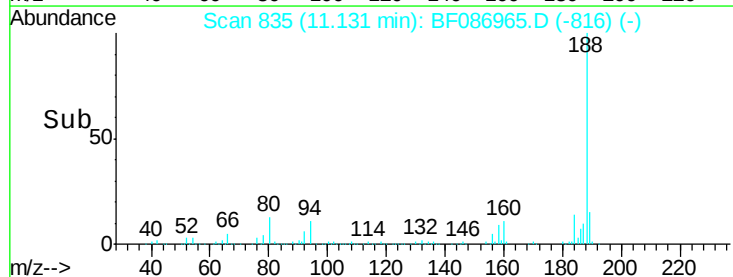
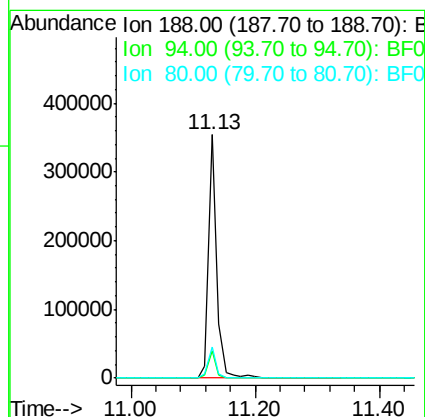
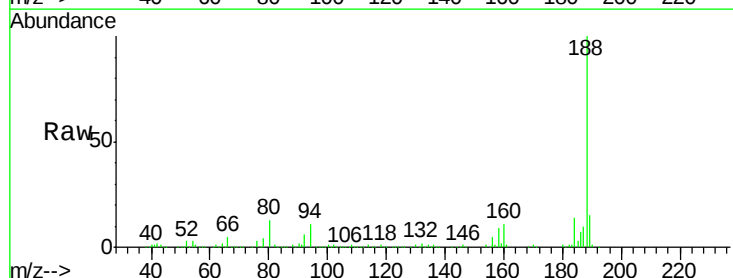
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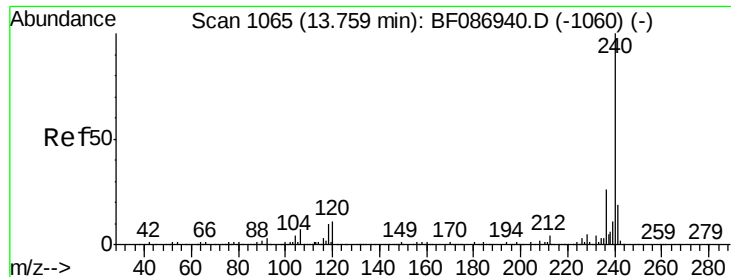
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.08 min
Lab File: BF086965.D
Acq: 13 May 2016 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	328005		
94	11.3	6.8	10.2#	
80	12.7	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: BF086965.D

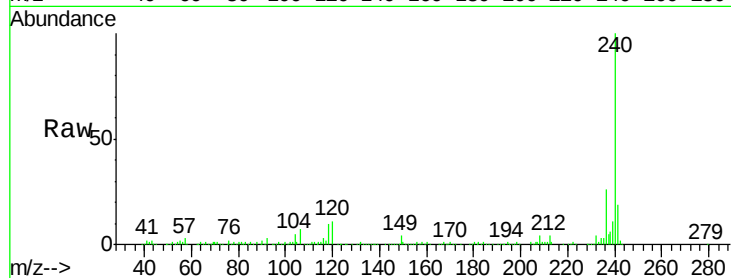
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Instrument :

BNA_F

ClientSampleId :

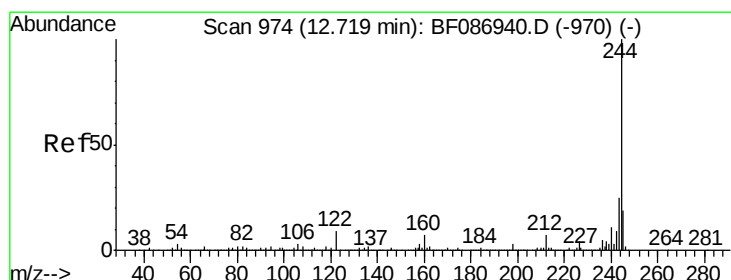
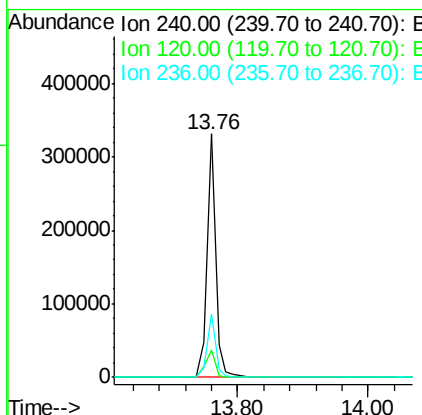
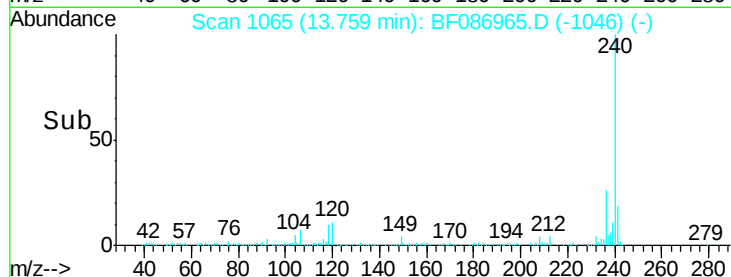
VITALE-FILL-CSPH3-5K



Tgt Ion:	240	Resp:	303661
Ion Ratio		Lower	Upper
240	100		
120	11.1	11.2	16.8#
236	25.7	21.2	31.8

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#78

Terphenyl-d14

Concen: 69.09 ng

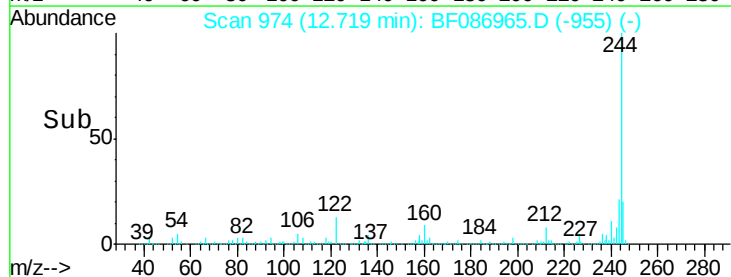
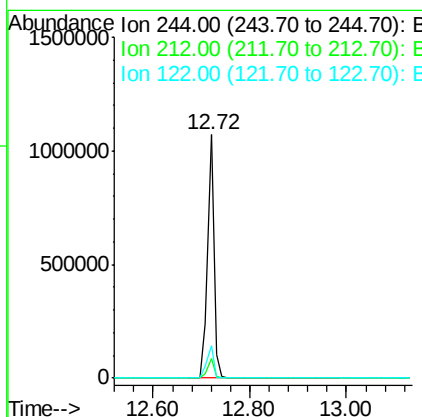
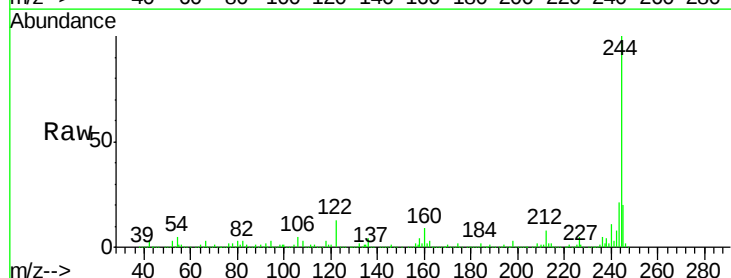
RT: 12.72 min Scan# 974

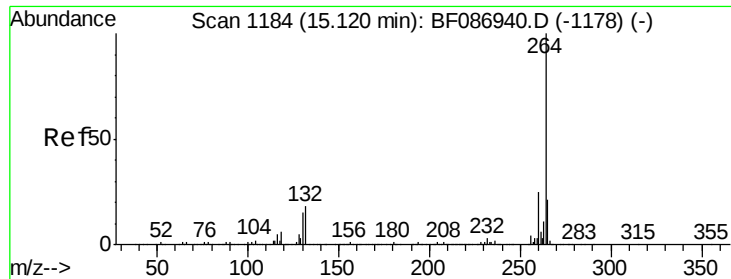
Delta R.T. -0.08 min

Lab File: BF086965.D

Acq: 13 May 2016 10:06

Tgt Ion:	244	Resp:	988822
Ion Ratio		Lower	Upper
244	100		
212	8.2	6.2	9.2
122	13.3	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: BF086965.D
Acq: 13 May 2016 10:06

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-5K

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	245770		
260	23.1		19.5	29.3
265	20.7		17.3	25.9

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