

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086968.D
 Acq On : 13 May 2016 11:32
 Operator : UM/SJ
 Sample : H2916-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-1K

Manual Integrations
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Quant Time: May 13 14:52:24 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	6.62	152	138722m	20.00	ng	-0.08
21) Naphthalene-d8	7.91	136	560364	20.00	ng	-0.08
38) Acenaphthene-d10	9.66	164	228455	20.00	ng	-0.08
63) Phenanthrene-d10	11.13	188	341981	20.00	ng	-0.08
75) Chrysene-d12	13.76	240	321530	20.00	ng	-0.08
86) Perylene-d12	15.12	264	252895	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	997806	121.81	ng	-0.07
7) Phenol-d6	6.28	99	1130464	103.26	ng	-0.08
23) Nitrobenzene-d5	7.20	82	856955	76.79	ng	-0.07
41) 2,4,6-Tribromophenol	10.44	330	197382	81.61	ng	-0.08
44) 2-Fluorobiphenyl	8.99	172	1248769	91.87	ng	-0.07
78) Terphenyl-d14	12.72	244	867140	57.22	ng	-0.08
Target Compounds						
49) Dimethylphthalate	9.39	163	153457	8.80	ng	Qvalue 98

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

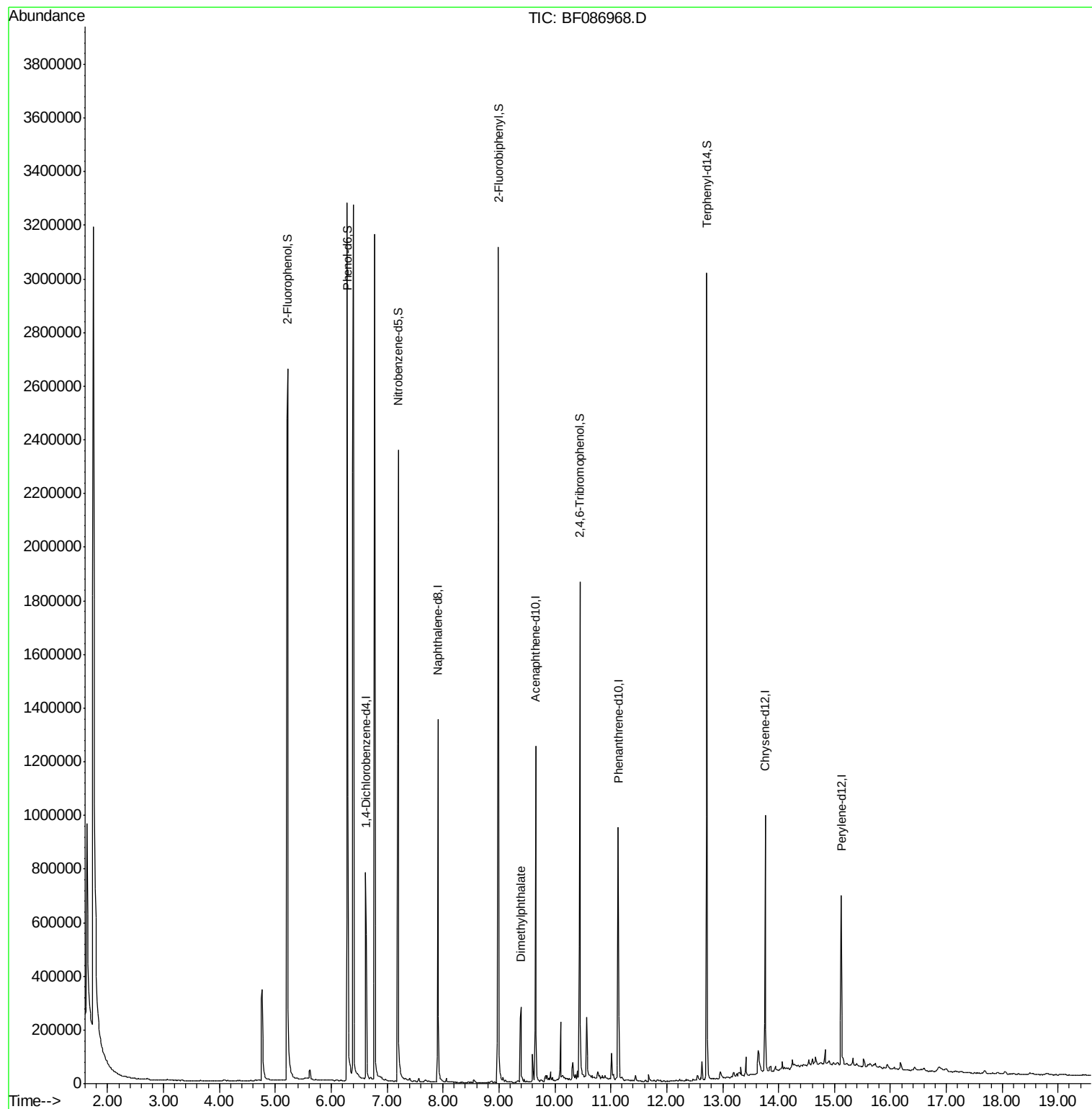
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086968.D
Acq On : 13 May 2016 11:32
Operator : UM/SJ
Sample : H2916-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

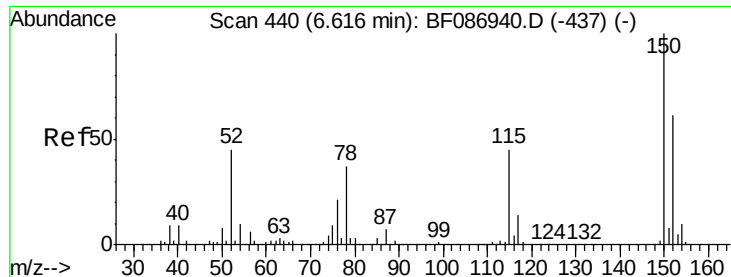
Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-1K

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

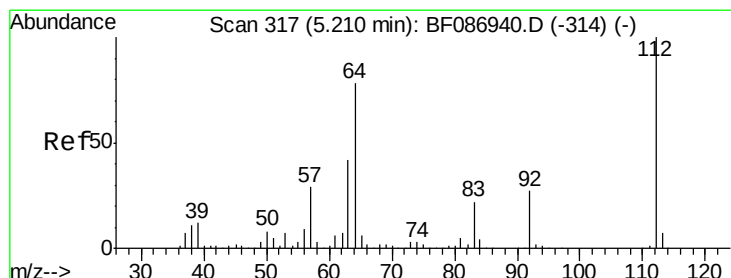
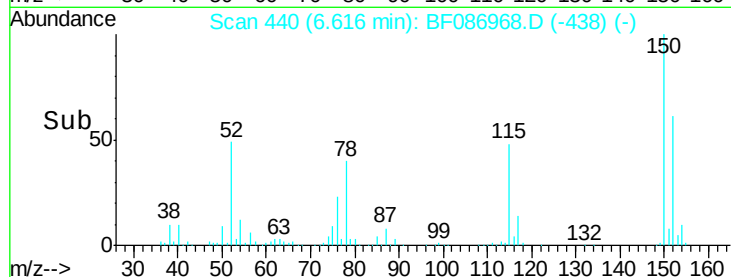
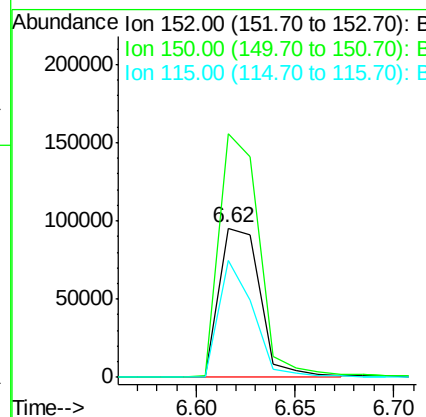
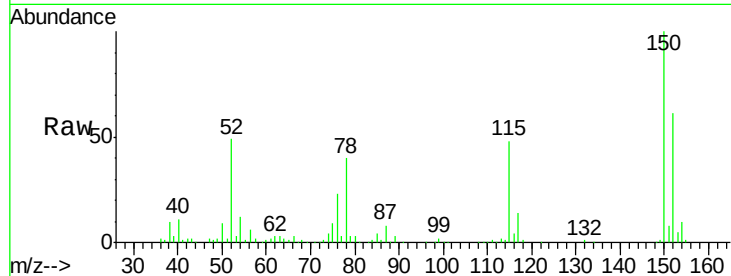
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.62 min Scan# 440
Delta R.T. -0.08 min
Lab File: BF086968.D
Acq: 13 May 2016 11:32

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-1K

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	138722		
150	163.2	125.8	188.6	
115	78.2	51.5	77.3#	

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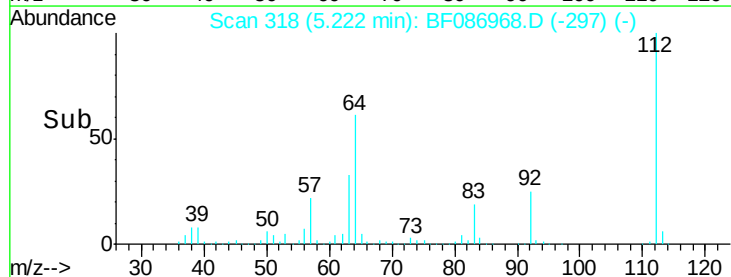
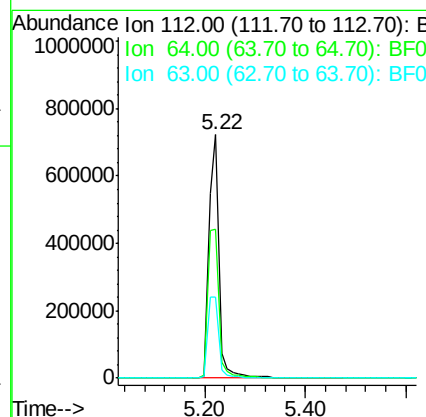
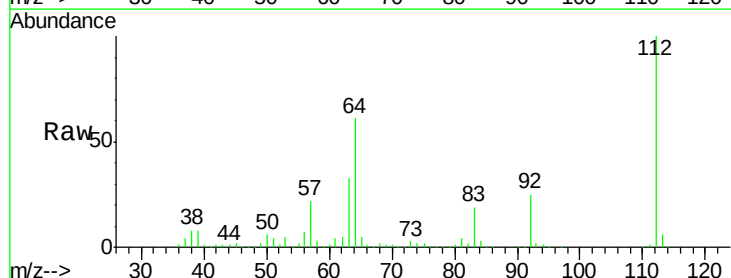
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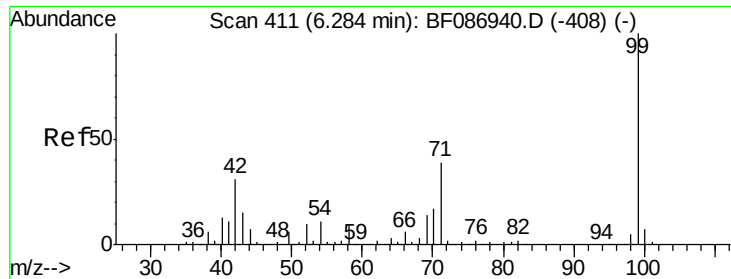


#5

2-Fluorophenol
Concen: 121.81 ng
RT: 5.22 min Scan# 318
Delta R.T. -0.07 min
Lab File: BF086968.D
Acq: 13 May 2016 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	997806		
64	61.1	52.1	78.1	
63	33.4	25.7	38.5	





#7

Phenol-d6

Concen: 103.26 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF086968.D

Acq: 13 May 2016 11:32

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-1K

Tgt Ion: 99 Resp: 1130464

Ion Ratio Lower Upper

99 100

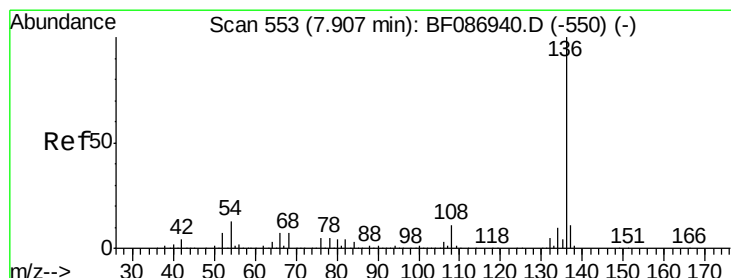
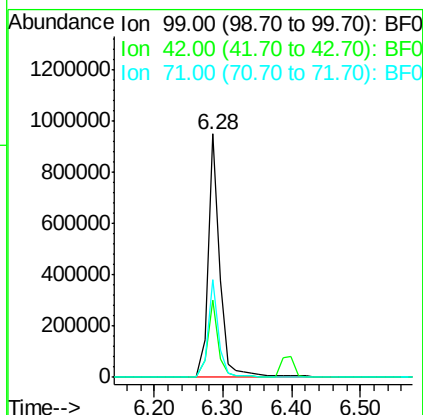
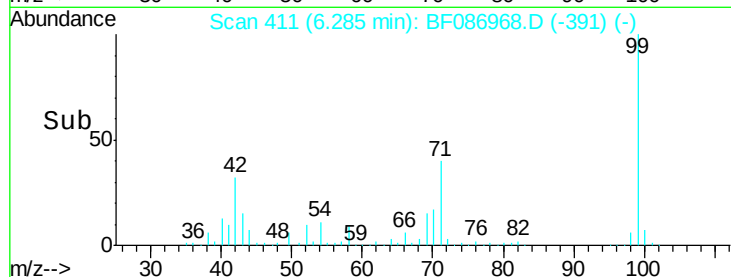
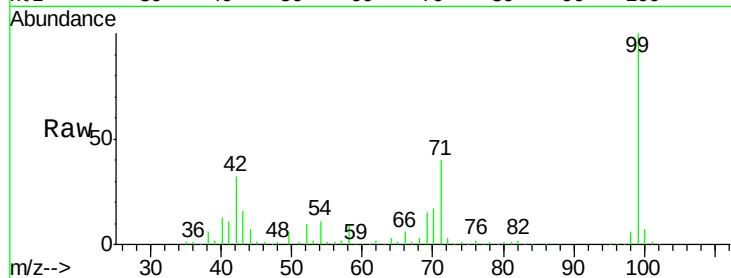
42 31.7 13.6 20.4#

71 40.0 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: BF086968.D

Acq: 13 May 2016 11:32

Tgt Ion: 136 Resp: 560364

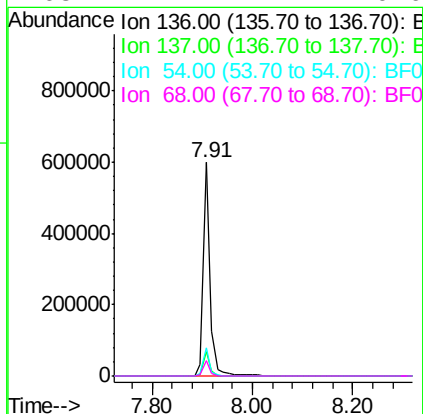
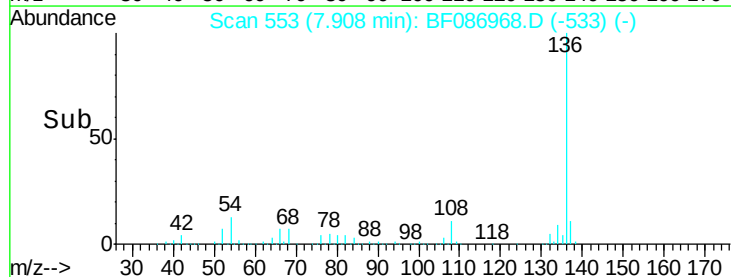
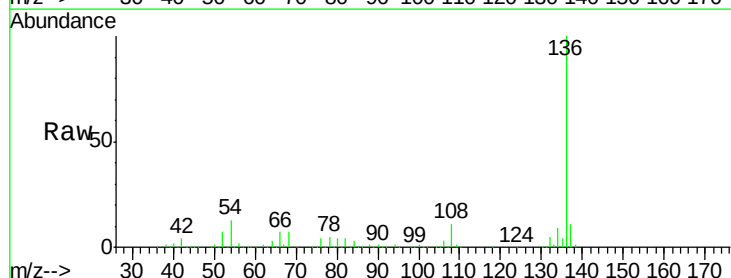
Ion Ratio Lower Upper

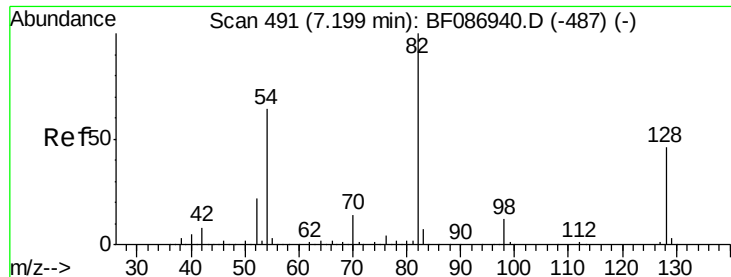
136 100

137 11.2 8.8 13.2

54 13.0 5.0 7.4#

68 7.1 4.4 6.6#





#23

Nitrobenzene-d5

Concen: 76.79 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.07 min

Lab File: BF086968.D

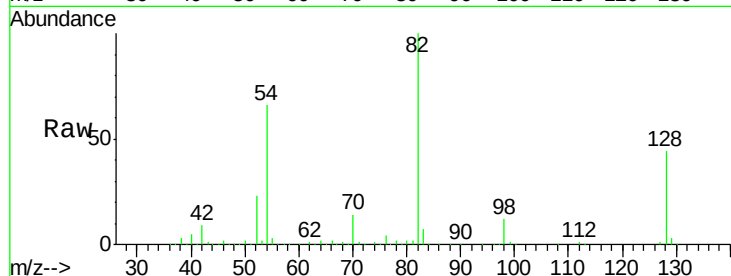
Acq: 13 May 2016 11:32

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-1K



Tgt Ion: 82 Resp: 856955

Ion Ratio Lower Upper

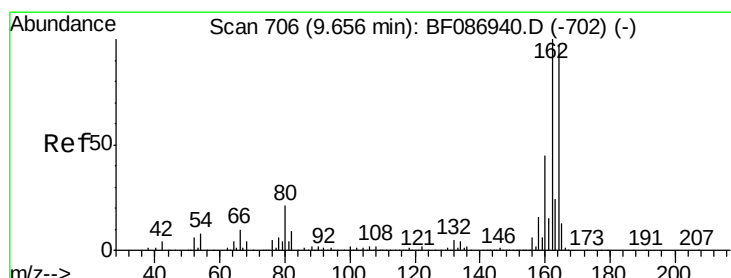
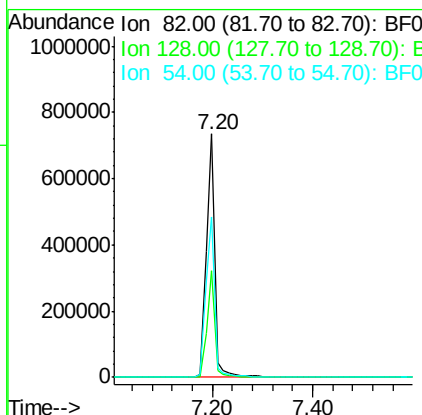
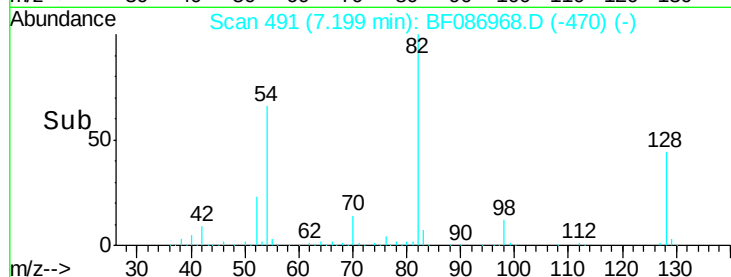
82 100

128 43.6 40.6 61.0

54 66.1 38.1 57.1#

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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: BF086968.D

Acq: 13 May 2016 11:32

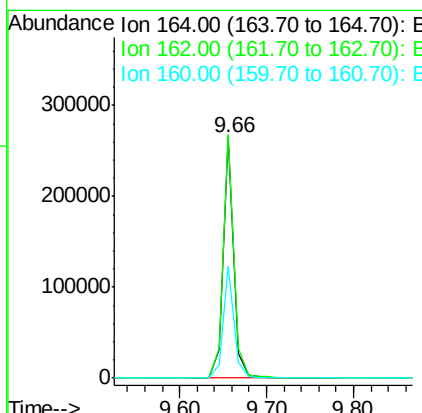
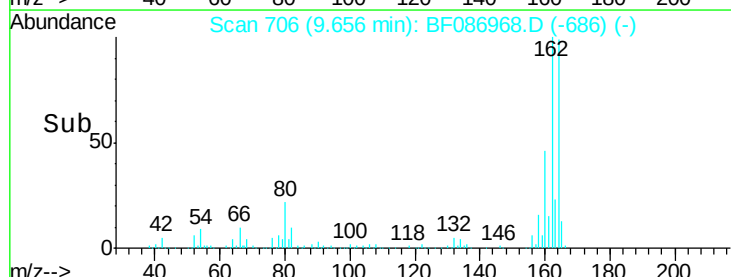
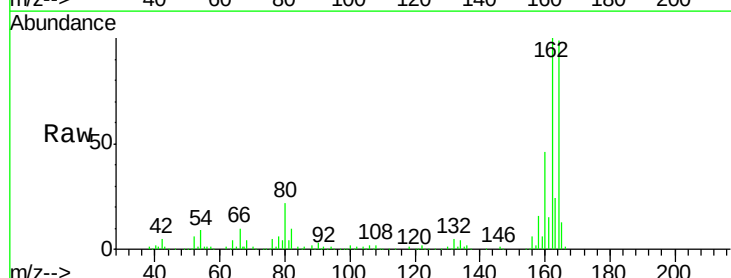
Tgt Ion: 164 Resp: 228455

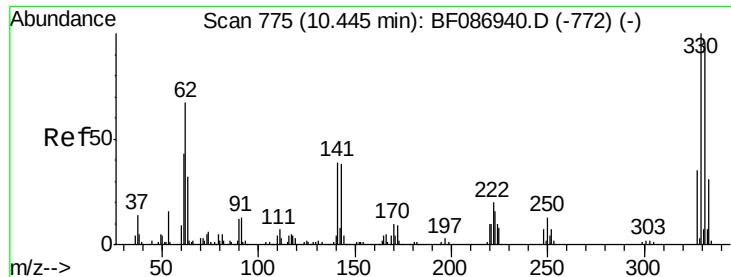
Ion Ratio Lower Upper

164 100

162 101.2 82.8 124.2

160 46.4 36.9 55.3





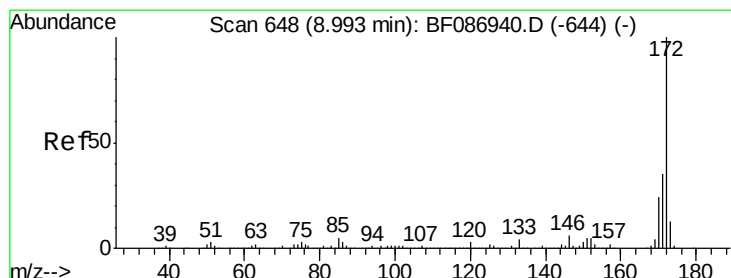
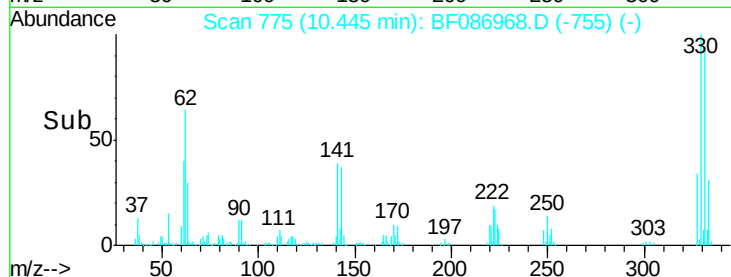
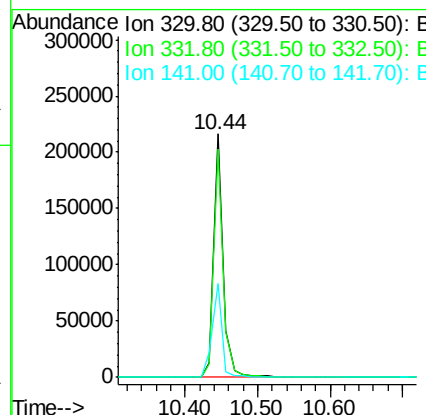
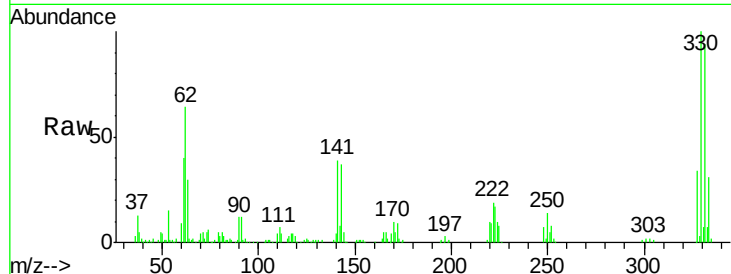
#41
 2,4,6-Tribromophenol
 Concen: 81.61 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.08 min
 Lab File: BF086968.D
 Acq: 13 May 2016 11:32

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-1K

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	197382		
332	94.8	79.0	118.4	
141	40.5	31.2	46.8	

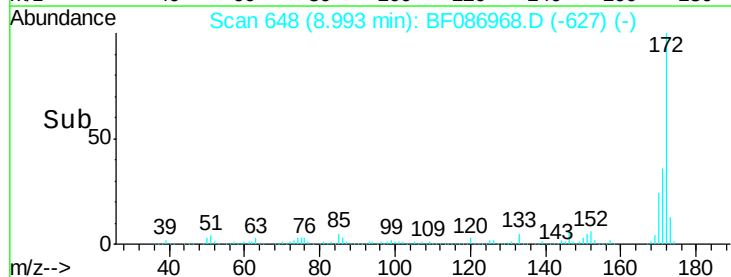
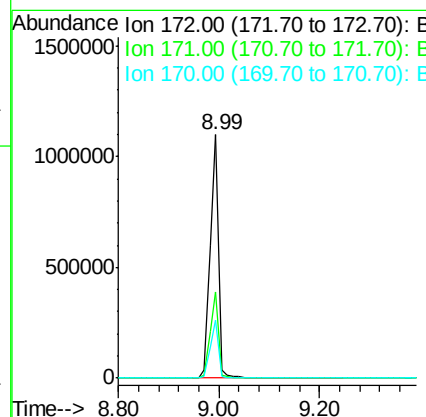
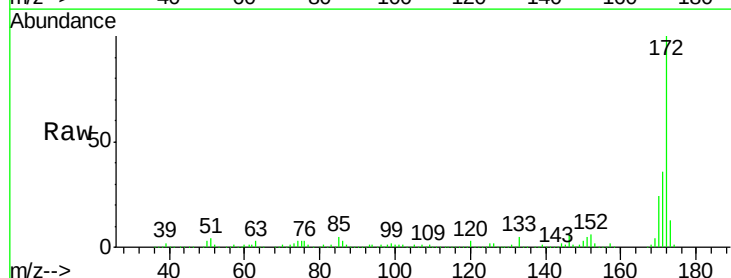
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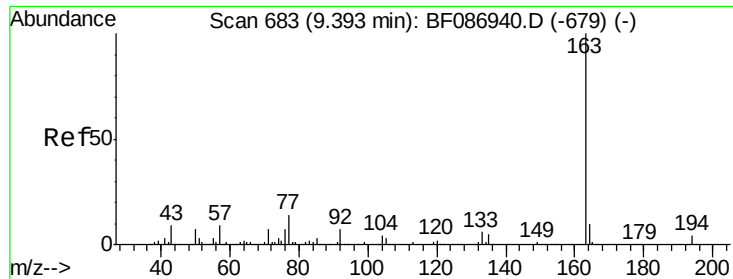
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#44
 2-Fluorobiphenyl
 Concen: 91.87 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.07 min
 Lab File: BF086968.D
 Acq: 13 May 2016 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1248769		
171	35.6	29.0	43.6	
170	23.6	19.8	29.8	





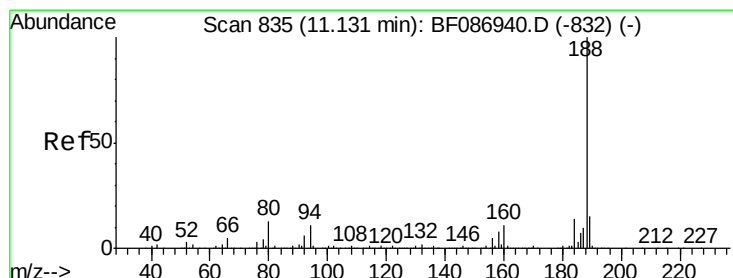
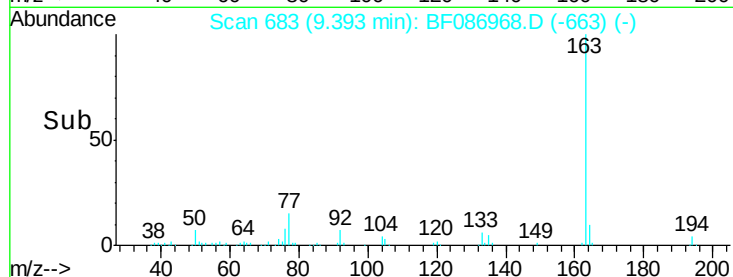
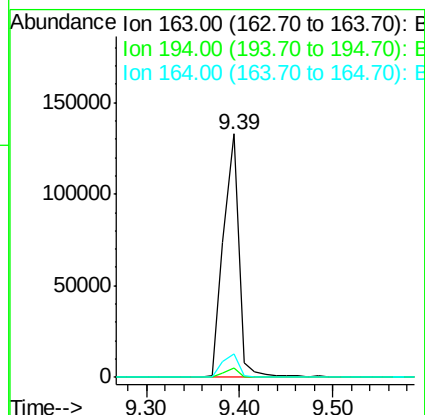
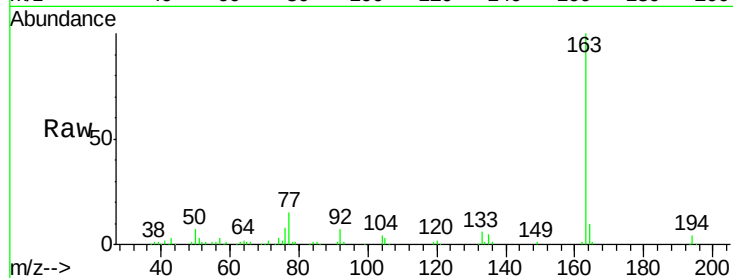
#49
Dimethylphthalate
Concen: 8.80 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.08 min
Lab File: BF086968.D
Acq: 13 May 2016 11:32

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-1K

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	153457		
194	3.8	2.6	4.0	
164	9.7	8.2	12.4	

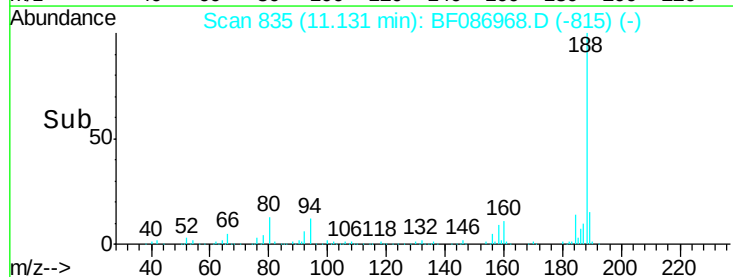
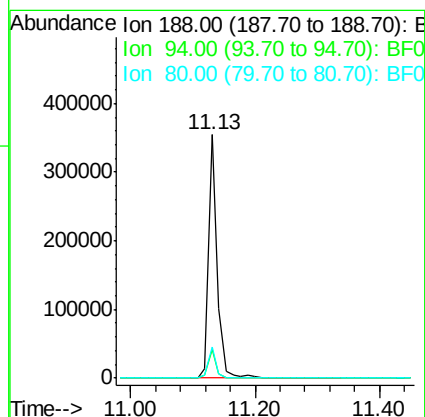
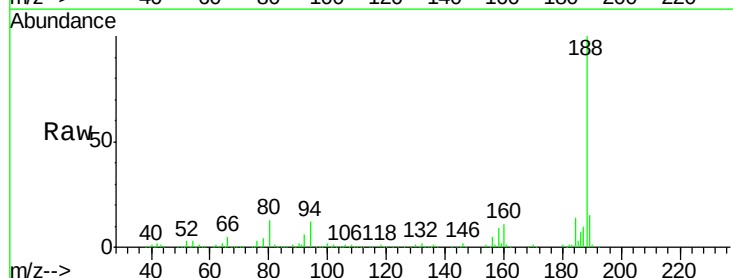
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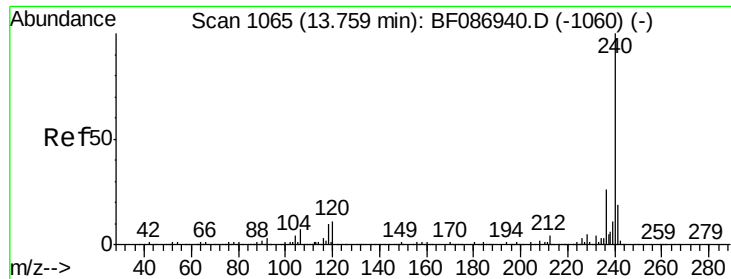
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.08 min
Lab File: BF086968.D
Acq: 13 May 2016 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	341981		
94	11.7	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: BF086968.D

Acq: 13 May 2016 11:32

Instrument :

BNA_F

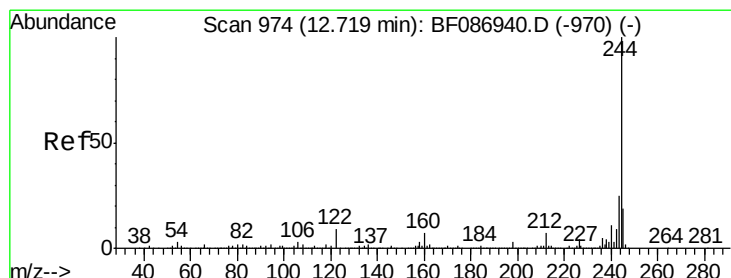
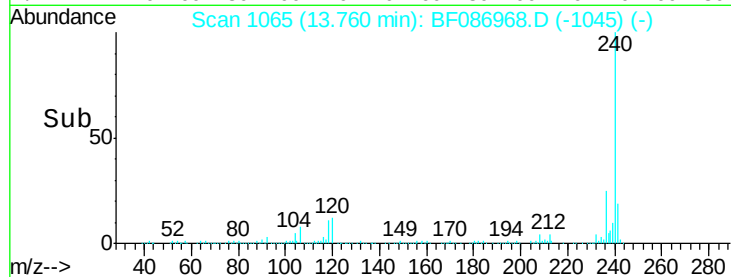
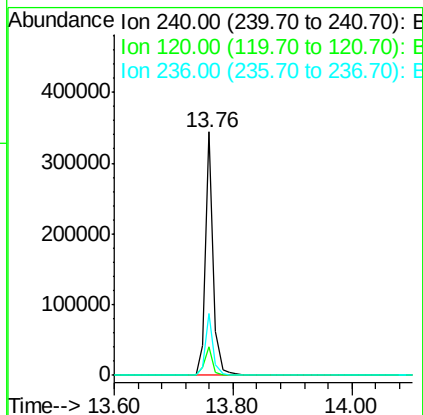
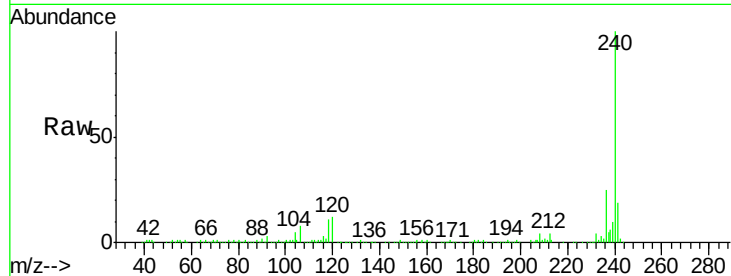
ClientSampleId :

VITALE-FILL-CSPH3-1K

Tgt Ion:	240	Resp:	321530
Ion Ratio	Lower	Upper	
240	100		
120	11.8	11.2	16.8
236	25.4	21.2	31.8

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#78

Terphenyl-d14

Concen: 57.22 ng

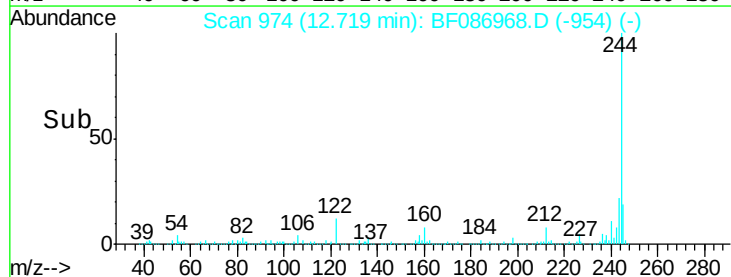
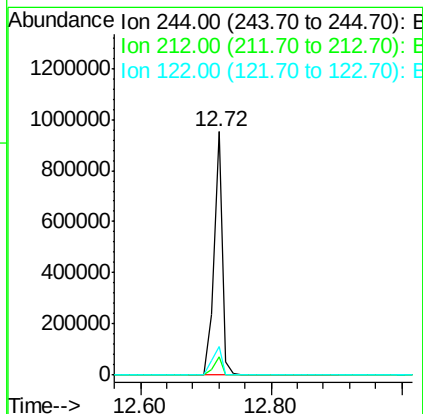
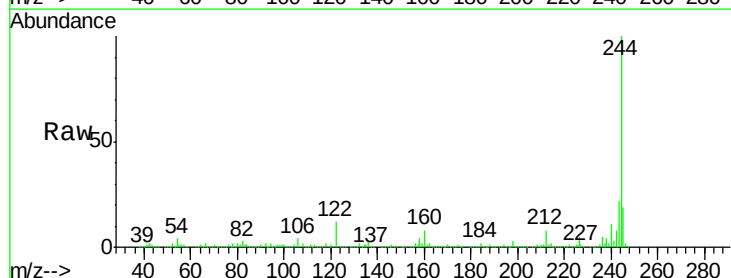
RT: 12.72 min Scan# 974

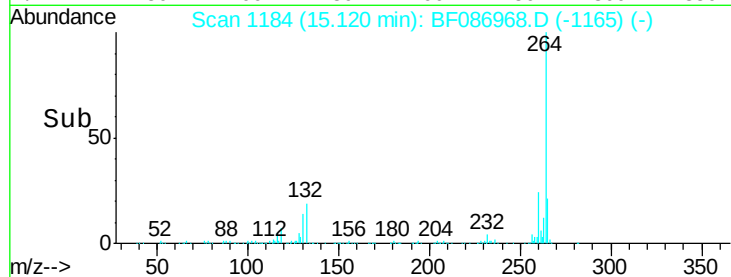
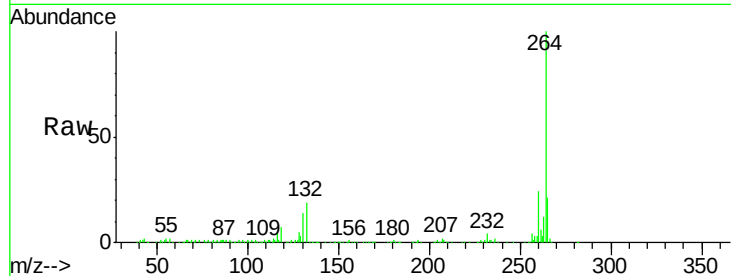
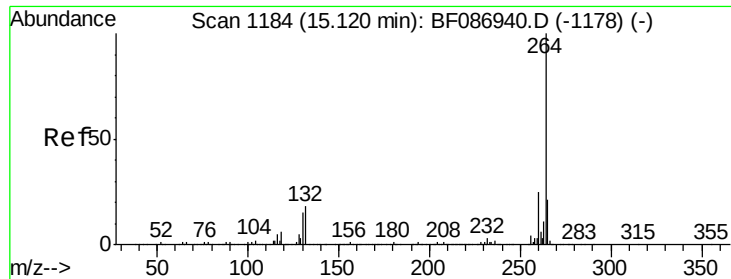
Delta R.T. -0.08 min

Lab File: BF086968.D

Acq: 13 May 2016 11:32

Tgt Ion:	244	Resp:	867140
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.2	9.2
122	11.6	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: BF086968.D
Acq: 13 May 2016 11:32

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-1K

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.8	19.5	29.3
265	21.2	17.3	25.9

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