

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086964.D
 Acq On : 13 May 2016 9:37
 Operator : UM/SJ
 Sample : H2959-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 90TH-AVE-SB-01-0.5-6.0

Manual Integrations
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Quant Time: May 13 14:39:20 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	141325m	20.00	ng	-0.07
21) Naphthalene-d8	7.91	136	546981	20.00	ng	-0.08
38) Acenaphthene-d10	9.66	164	220905	20.00	ng	-0.08
63) Phenanthrene-d10	11.13	188	335819	20.00	ng	-0.08
75) Chrysene-d12	13.76	240	324474	20.00	ng	-0.08
86) Perylene-d12	15.12	264	249000	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1063423	127.43	ng	-0.07
7) Phenol-d6	6.28	99	1352947	121.31	ng	-0.08
23) Nitrobenzene-d5	7.20	82	951008	87.30	ng	-0.07
41) 2,4,6-Tribromophenol	10.44	330	207729	88.82	ng	-0.08
44) 2-Fluorobiphenyl	8.99	172	1378505	104.88	ng	-0.07
78) Terphenyl-d14	12.72	244	961602	62.88	ng	-0.08
Target Compounds						
49) Dimethylphthalate	9.39	163	141784	8.41	ng	Qvalue 98

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

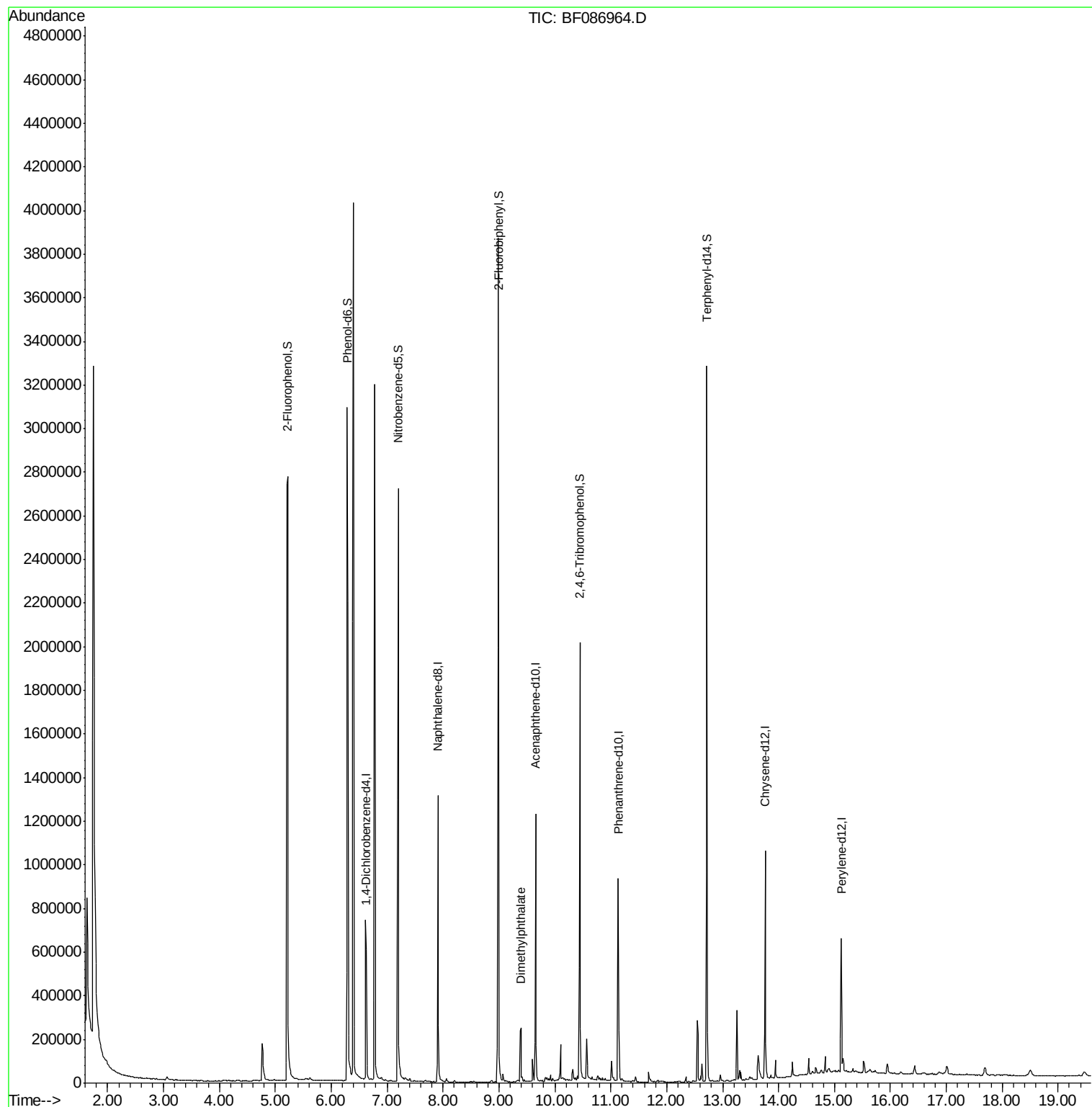
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086964.D
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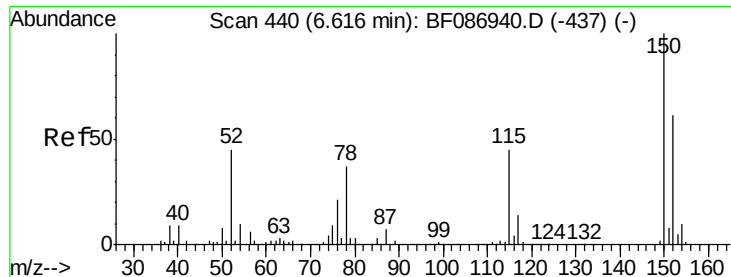
Instrument :
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90TH-AVE-SB-01-0.5-6.0

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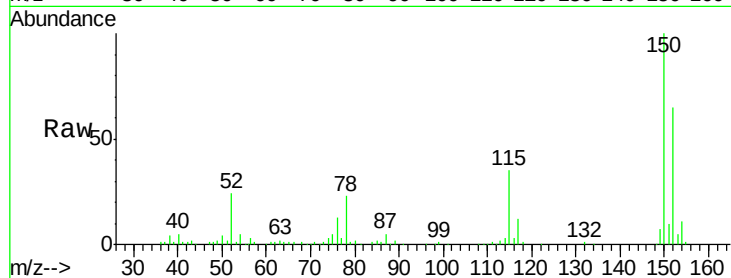




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.63 min Scan# 441
Delta R.T. -0.07 min
Lab File: BF086964.D
Acq: 13 May 2016 9:37

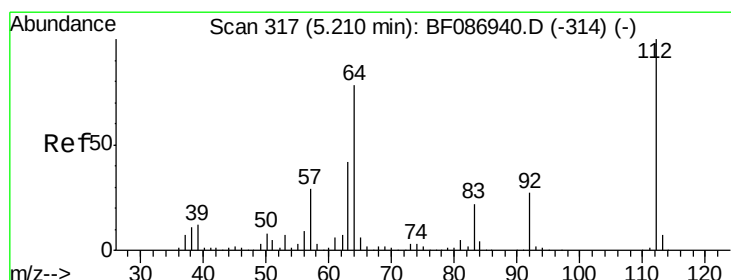
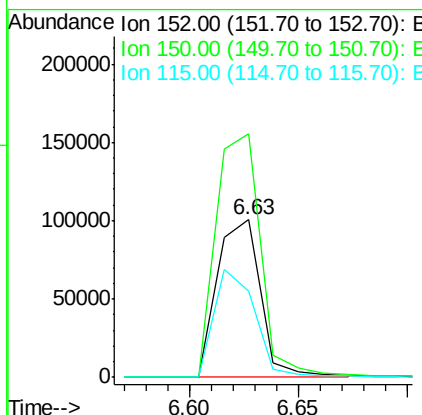
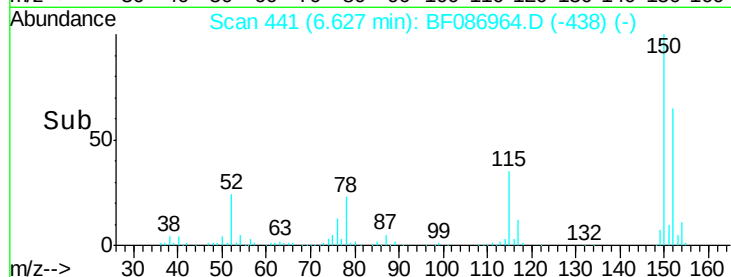
Instrument :
BNA_F
ClientSampleId :
90TH-AVE-SB-01-0.5-6.0



Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.8	188.6
115	54.4	51.5	77.3

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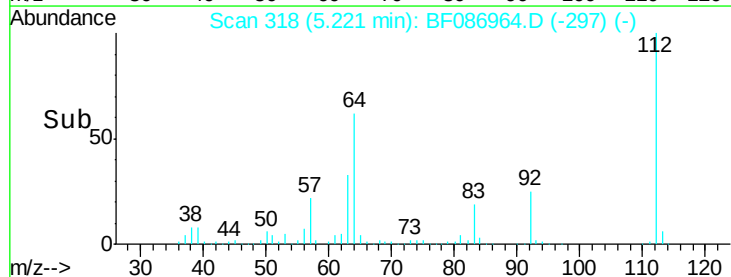
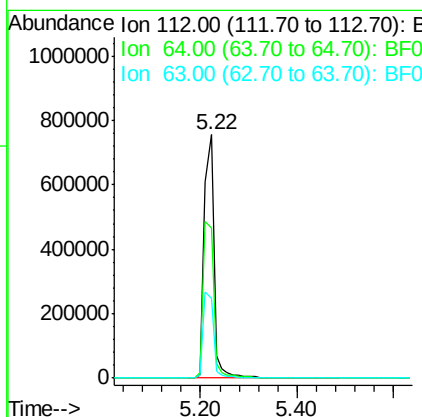
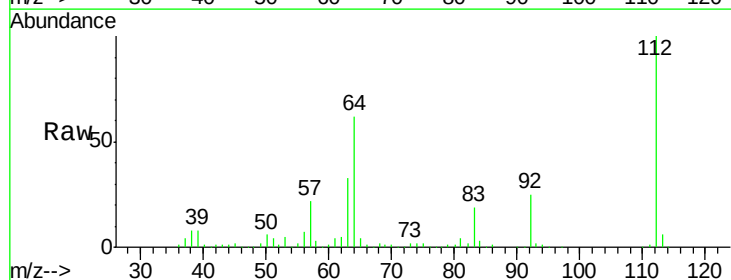
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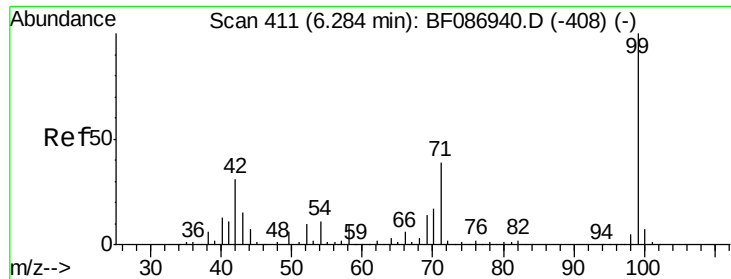


#5

2-Fluorophenol
Concen: 127.43 ng
RT: 5.22 min Scan# 318
Delta R.T. -0.07 min
Lab File: BF086964.D
Acq: 13 May 2016 9:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	52.1	78.1
63	32.8	25.7	38.5





#7

Phenol-d6

Concen: 121.31 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF086964.D

Acq: 13 May 2016 9:37

Instrument :

BNA_F

ClientSampleId :

90TH-AVE-SB-01-0.5-6.0

Tgt Ion: 99 Resp: 1352947

Ion Ratio Lower Upper

99 100

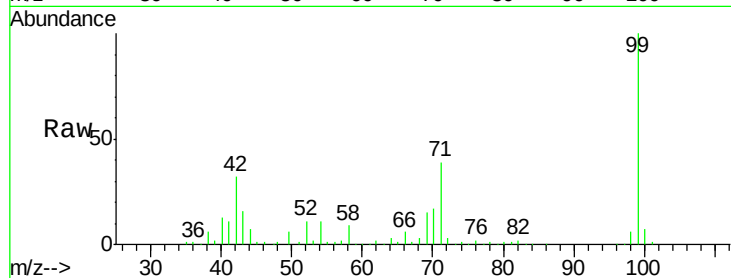
42 32.1 13.6 20.4#

71 39.5 24.6 36.8#

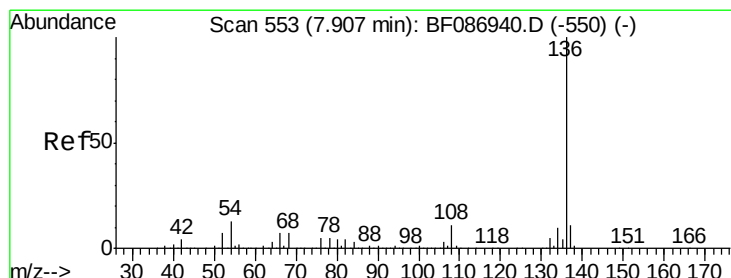
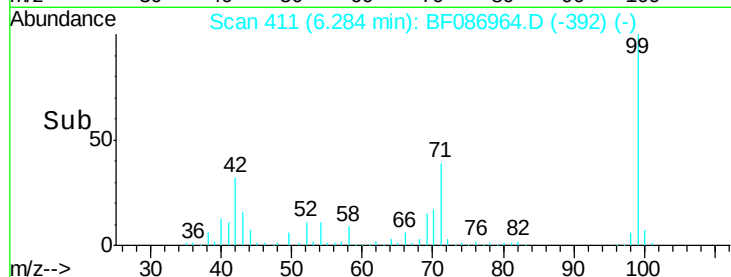
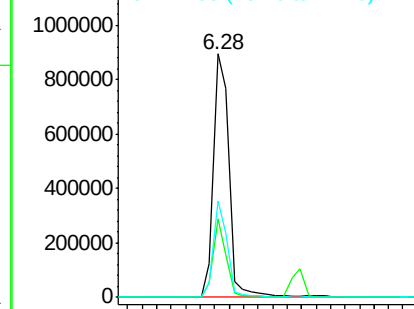
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.08 min

Lab File: BF086964.D

Acq: 13 May 2016 9:37

Tgt Ion: 136 Resp: 546981

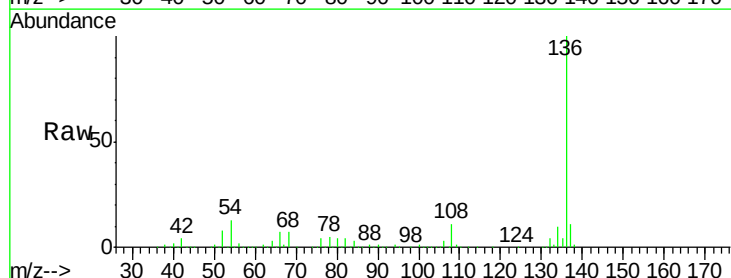
Ion Ratio Lower Upper

136 100

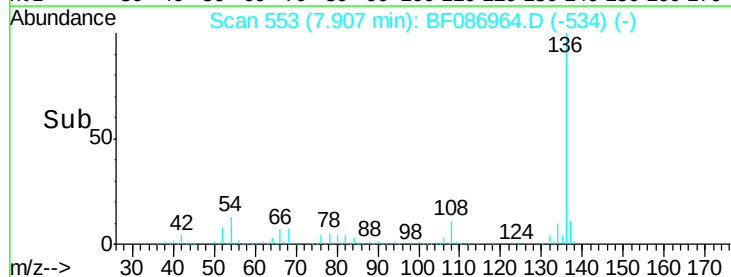
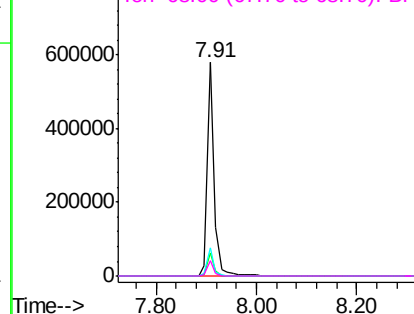
137 10.9 8.8 13.2

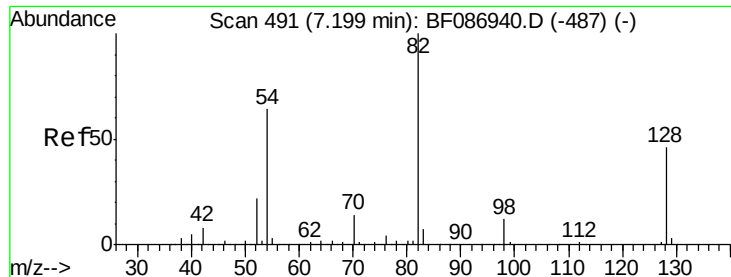
54 13.3 5.0 7.4#

68 7.2 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





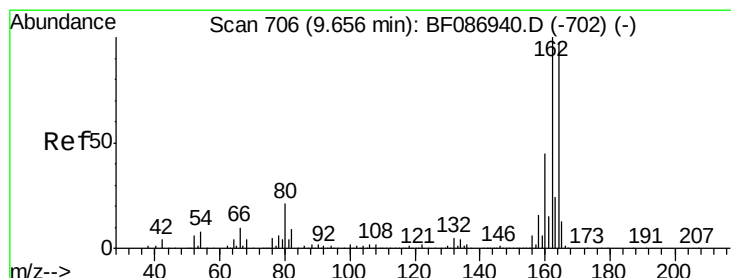
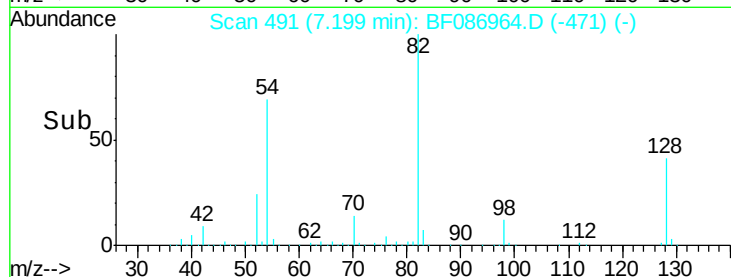
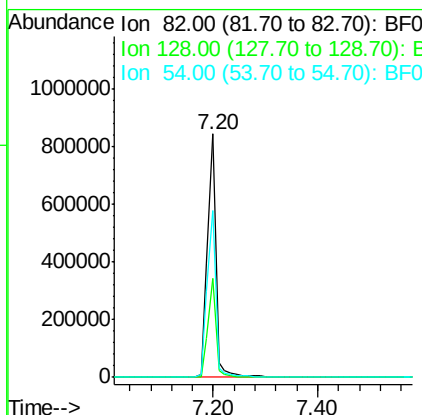
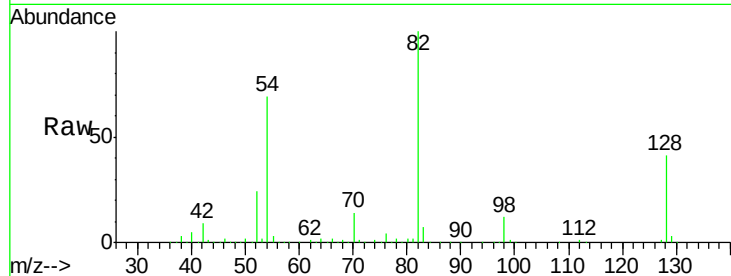
#23
 Nitrobenzene-d5
 Concen: 87.30 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.07 min
 Lab File: BF086964.D
 Acq: 13 May 2016 9:37

Instrument :
 BNA_F
 ClientSampleId :
 90TH-AVE-SB-01-0.5-6.0

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	40.9	40.6	61.0
54	68.6	38.1	57.1#

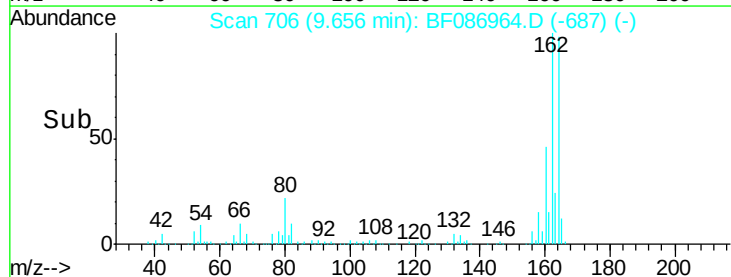
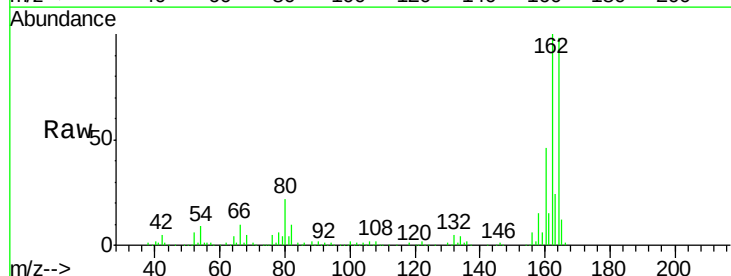
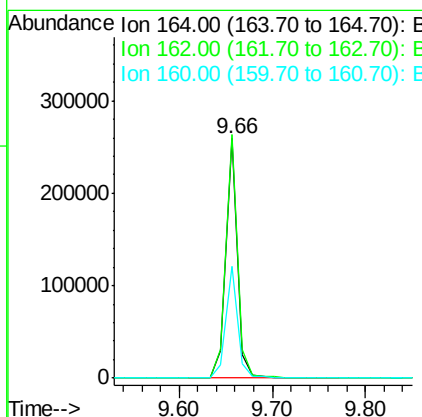
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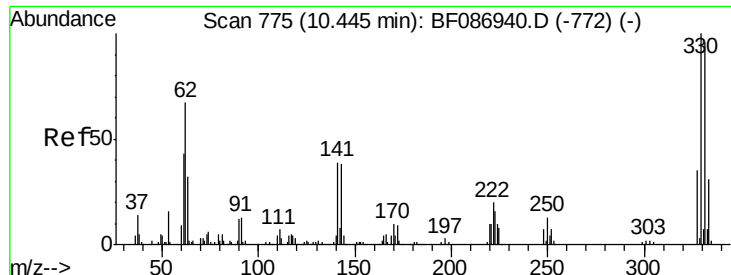
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.08 min
 Lab File: BF086964.D
 Acq: 13 May 2016 9:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	101.6	82.8	124.2
160	46.5	36.9	55.3





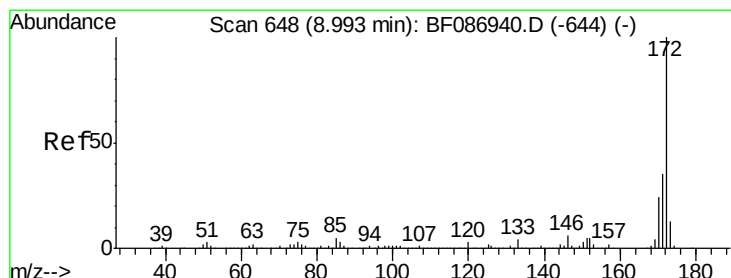
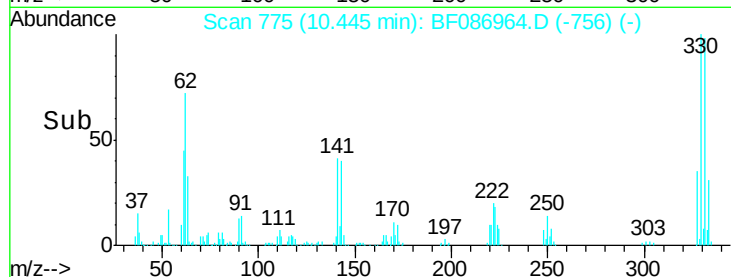
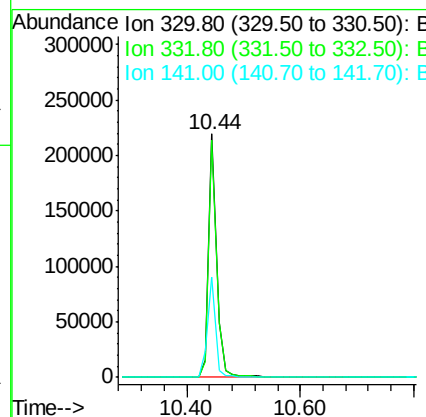
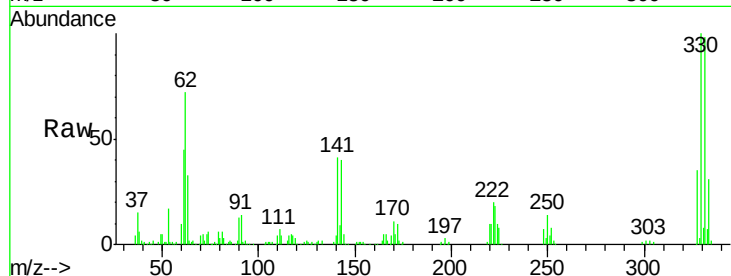
#41
 2,4,6-Tribromophenol
 Concen: 88.82 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.08 min
 Lab File: BF086964.D
 Acq: 13 May 2016 9:37

Instrument :
 BNA_F
 ClientSampleId :
 90TH-AVE-SB-01-0.5-6.0

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.0	118.4
141	41.5	31.2	46.8

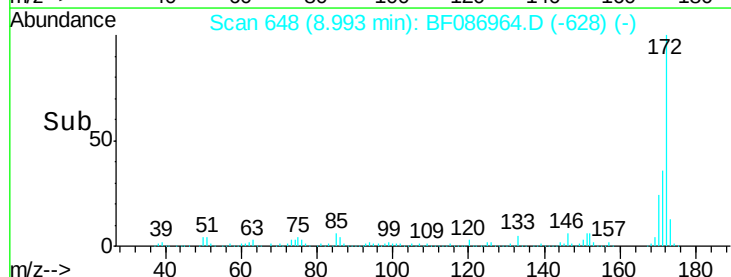
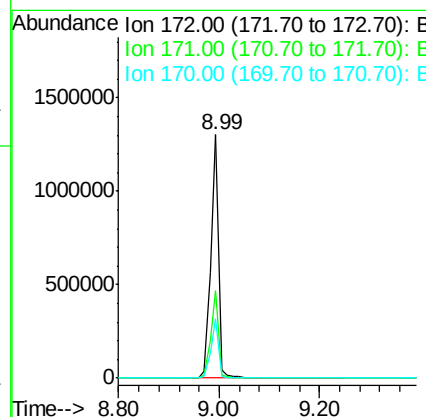
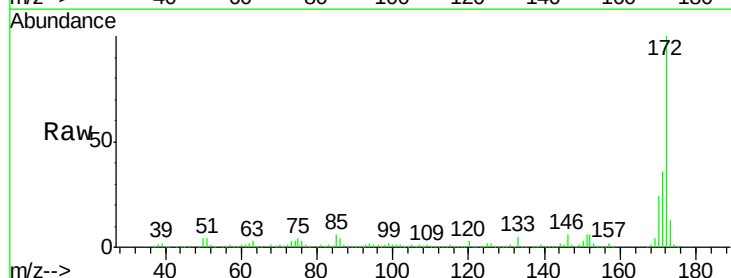
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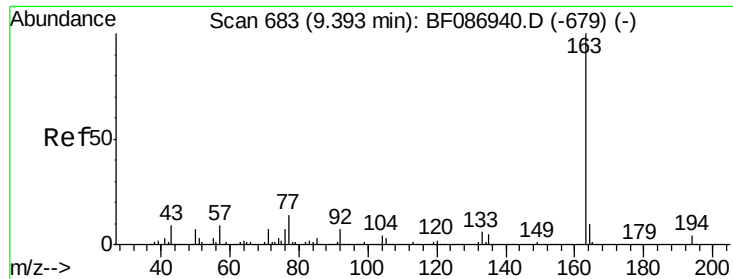
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#44
 2-Fluorobiphenyl
 Concen: 104.88 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.07 min
 Lab File: BF086964.D
 Acq: 13 May 2016 9:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.2	19.8	29.8





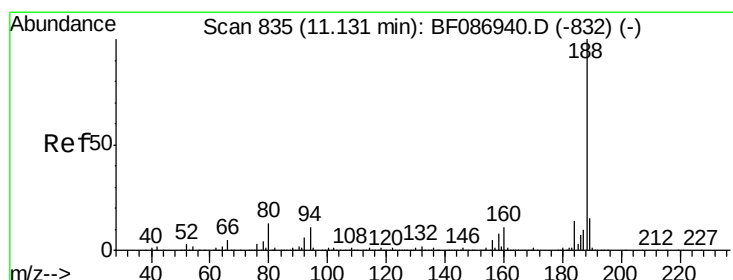
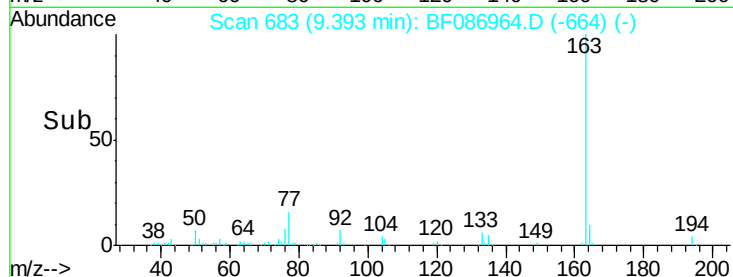
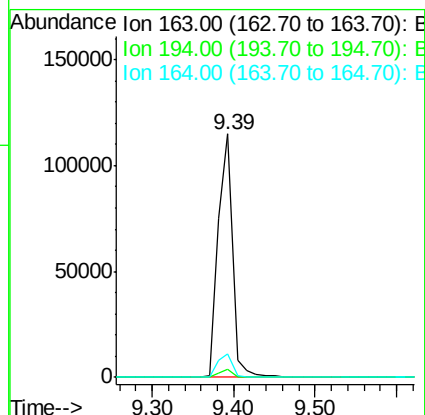
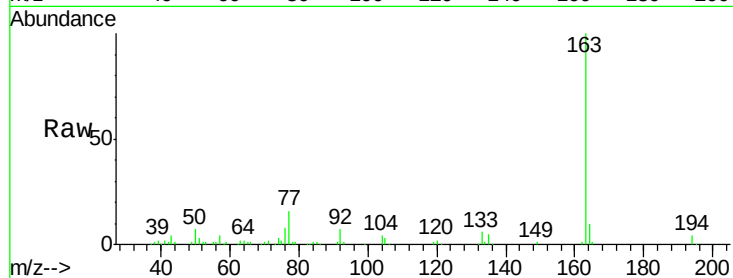
#49
Dimethylphthalate
Concen: 8.41 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.08 min
Lab File: BF086964.D
Acq: 13 May 2016 9:37

Instrument :
BNA_F
ClientSampleId :
90TH-AVE-SB-01-0.5-6.0

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	141784		
194	3.5	2.6	4.0	
164	9.6	8.2	12.4	

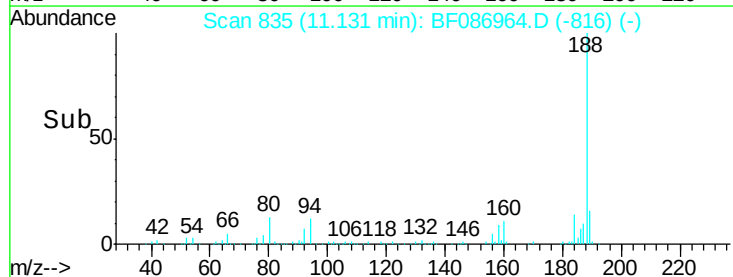
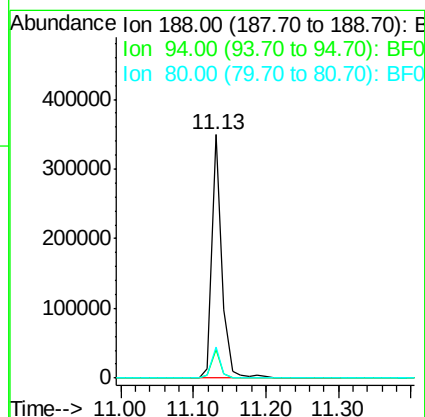
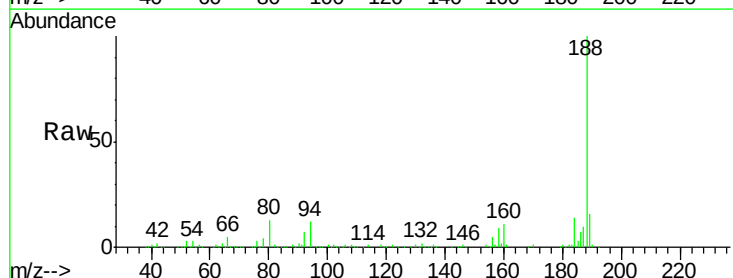
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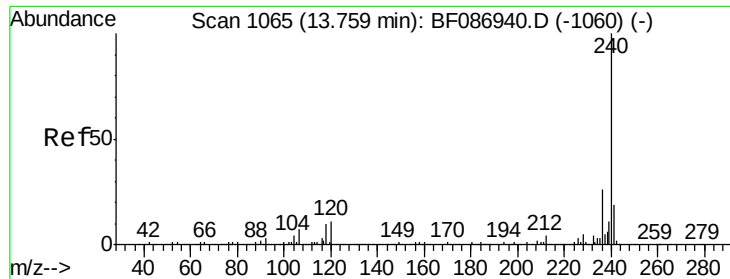
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.08 min
Lab File: BF086964.D
Acq: 13 May 2016 9:37

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	335819		
94	11.8	6.8	10.2#	
80	12.9	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: BF086964.D

Acq: 13 May 2016 9:37

Instrument :

BNA_F

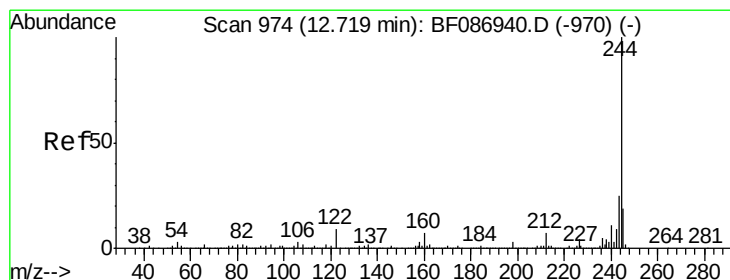
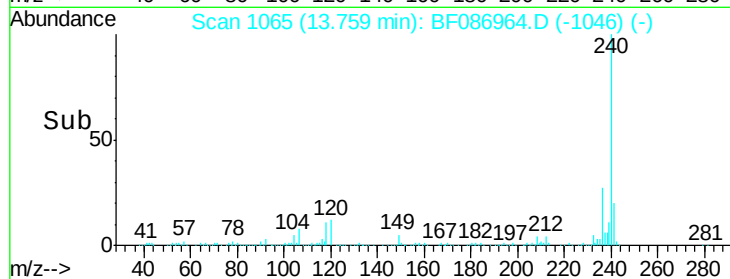
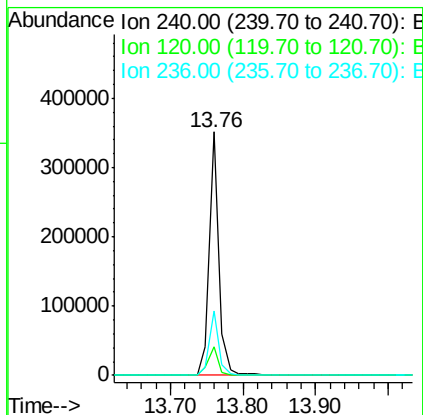
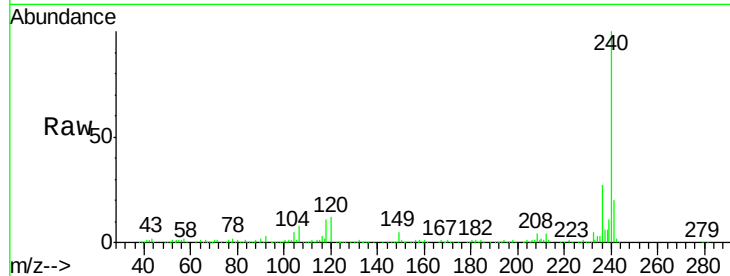
ClientSampleId :

90TH-AVE-SB-01-0.5-6.0

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Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	11.2	16.8
236	26.5	21.2	31.8



#78

Terphenyl-d14

Concen: 62.88 ng

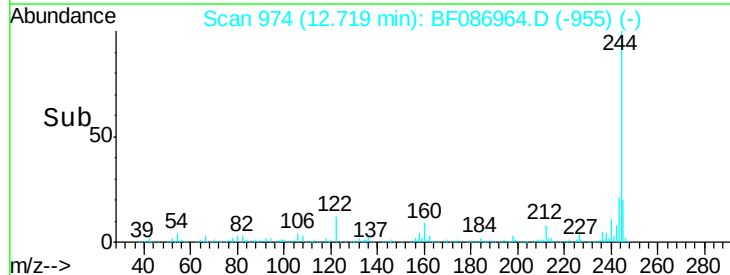
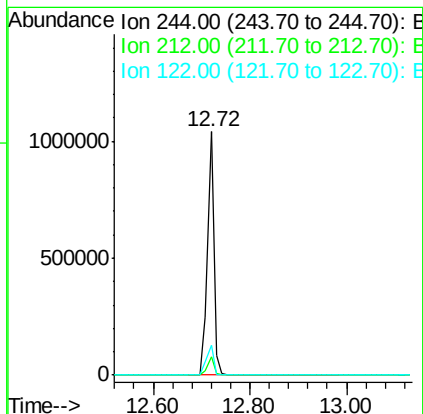
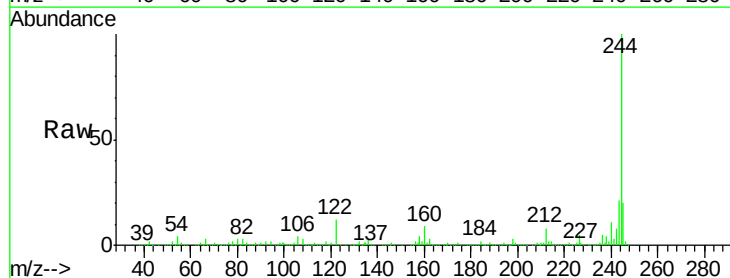
RT: 12.72 min Scan# 974

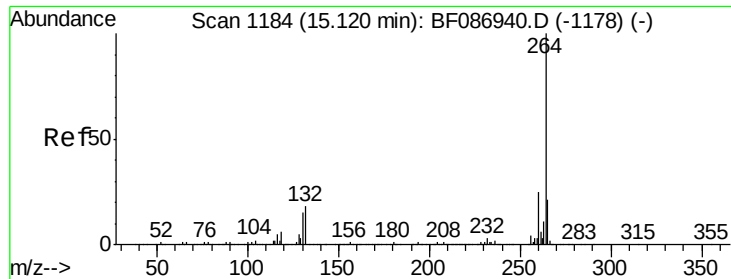
Delta R.T. -0.08 min

Lab File: BF086964.D

Acq: 13 May 2016 9:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	12.2	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: BF086964.D
Acq: 13 May 2016 9:37

Instrument :
BNA_F
ClientSampleId :
90TH-AVE-SB-01-0.5-6.0

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.7	17.3	25.9

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