

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086961.D
 Acq On : 13 May 2016 8:10
 Operator : UM/SJ
 Sample : H2994-16
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CH-STA-1767-00(0-2)

Manual Integrations
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Quant Time: May 13 14:33:24 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	6.63	152	130373m	20.00	ng	-0.07
21) Naphthalene-d8	7.91	136	500237	20.00	ng	-0.08
38) Acenaphthene-d10	9.66	164	204828	20.00	ng	-0.08
63) Phenanthrene-d10	11.13	188	315358	20.00	ng	-0.08
75) Chrysene-d12	13.76	240	309336	20.00	ng	-0.08
86) Perylene-d12	15.12	264	239198	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	662443	86.05	ng	-0.07
7) Phenol-d6	6.28	99	769852	74.83	ng	-0.08
23) Nitrobenzene-d5	7.20	82	550814	55.29	ng	-0.07
41) 2,4,6-Tribromophenol	10.44	330	155677	71.79	ng	-0.08
44) 2-Fluorobiphenyl	8.99	172	889263	72.97	ng	-0.07
78) Terphenyl-d14	12.72	244	771577	52.92	ng	-0.08
Target Compounds						
31) Naphthalene	7.93	128	177799	7.10	ng	Qvalue 99

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

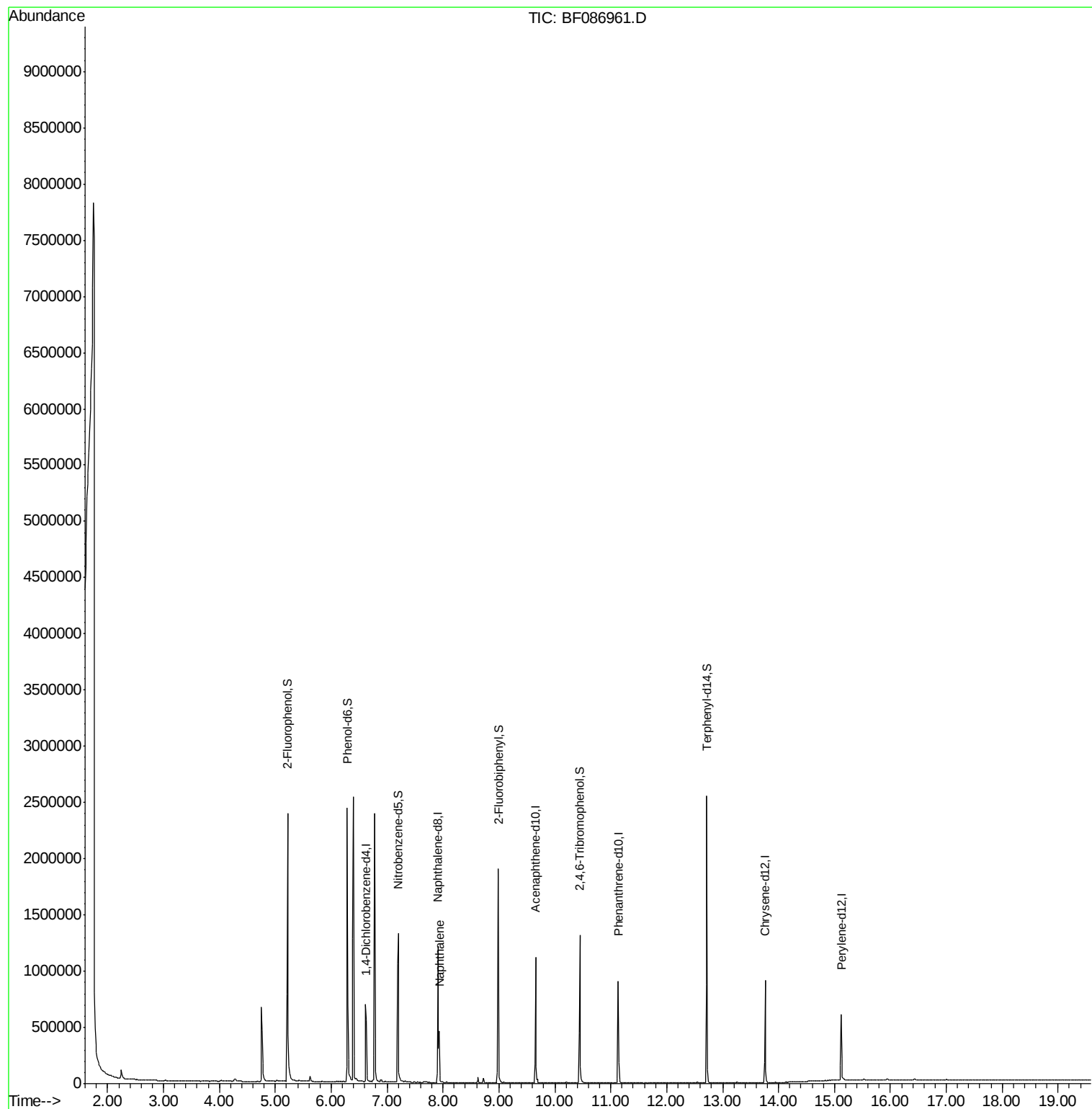
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086961.D
Acq On : 13 May 2016 8:10
Operator : UM/SJ
Sample : H2994-16
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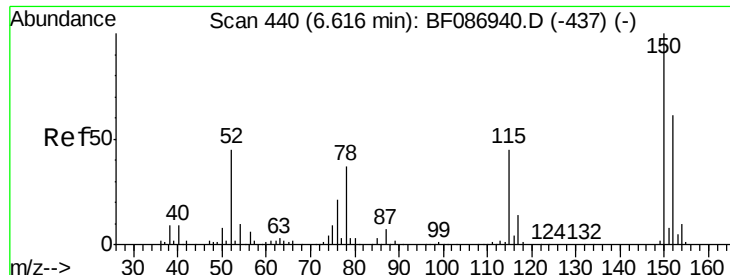
Instrument :
BNA_F
ClientSampleId :
CH-STA-1767-00(0-2)

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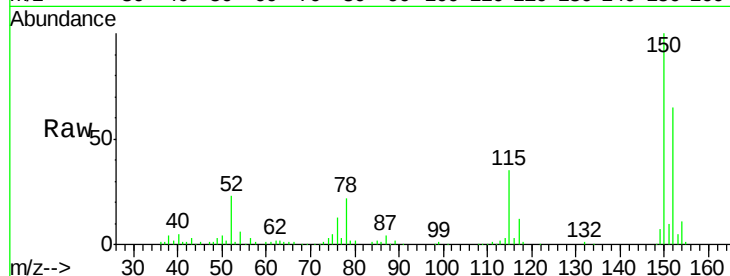
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng m
 RT: 6.63 min Scan# 441
 Delta R.T. -0.07 min
 Lab File: BF086961.D
 Acq: 13 May 2016 8:10

Instrument :
 BNA_F
 ClientSampleId :
 CH-STA-1767-00(0-2)

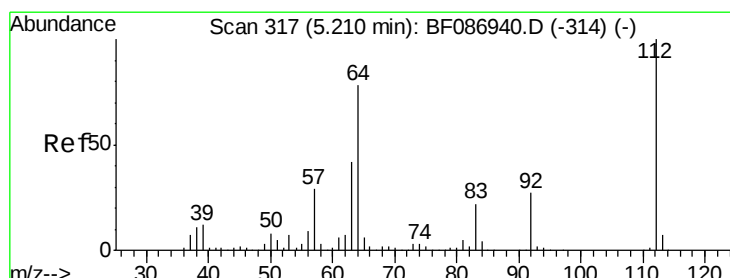
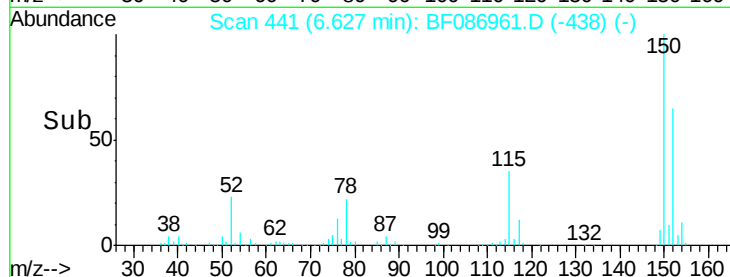
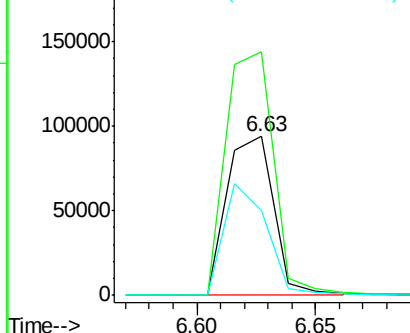
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	130373		
150	153.3	125.8	188.6	
115	53.8	51.5	77.3	

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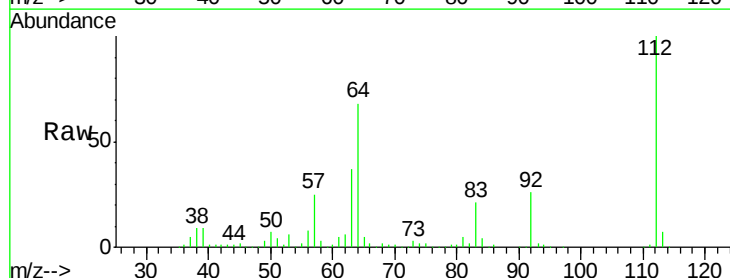


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

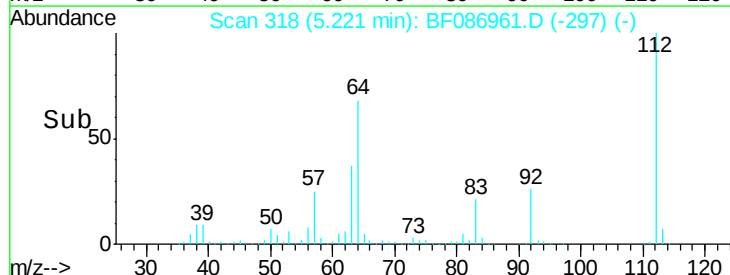
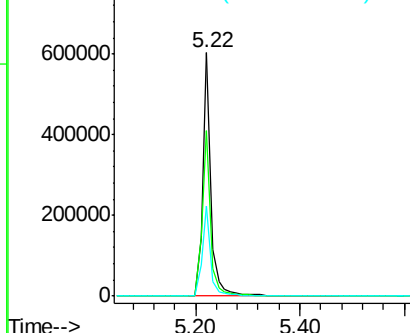


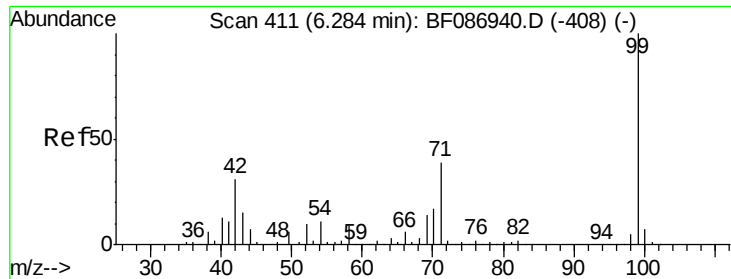
#5
 2-Fluorophenol
 Concen: 86.05 ng
 RT: 5.22 min Scan# 318
 Delta R.T. -0.07 min
 Lab File: BF086961.D
 Acq: 13 May 2016 8:10

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	662443		
64	67.9	52.1	78.1	
63	36.7	25.7	38.5	



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 74.83 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF086961.D

Acq: 13 May 2016 8:10

Instrument :

BNA_F

ClientSampleId :

CH-STA-1767-00(0-2)

Tgt Ion: 99 Resp: 769852

Ion Ratio Lower Upper

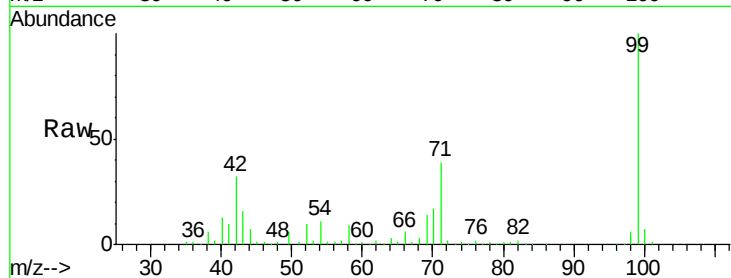
99 100

42 31.7 13.6 20.4#

71 39.0 24.6 36.8#

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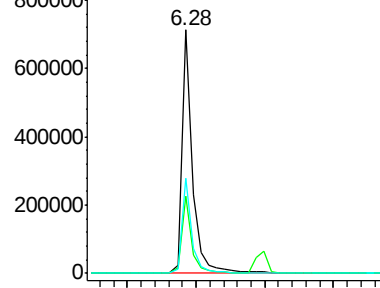
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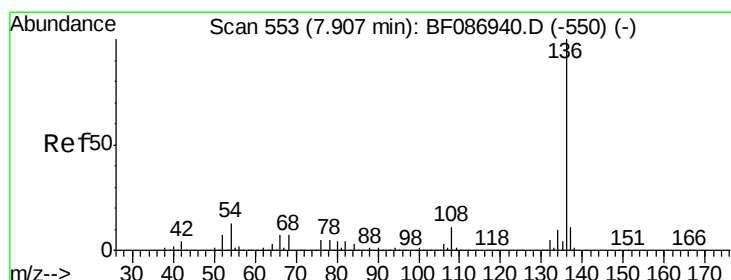
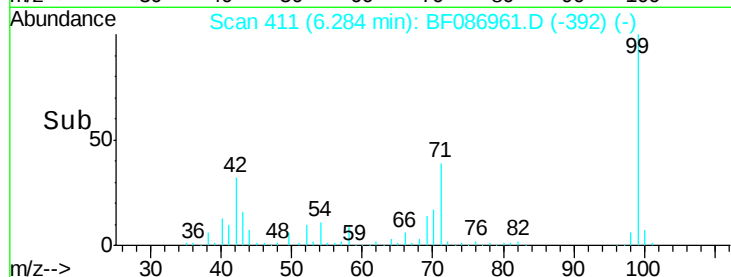
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.08 min

Lab File: BF086961.D

Acq: 13 May 2016 8:10

Tgt Ion: 136 Resp: 500237

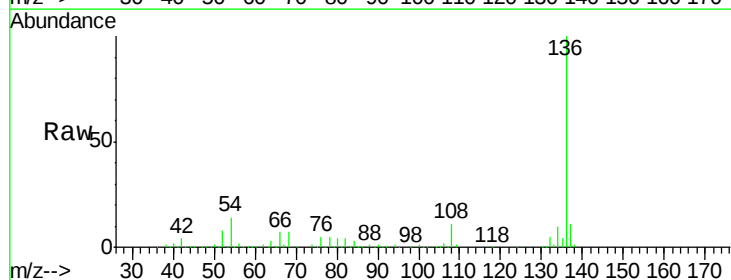
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 13.8 5.0 7.4#

68 7.2 4.4 6.6#

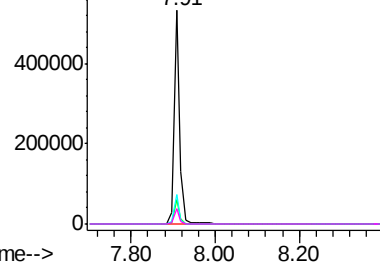


Abundance Ion 136.00 (135.70 to 136.70): E

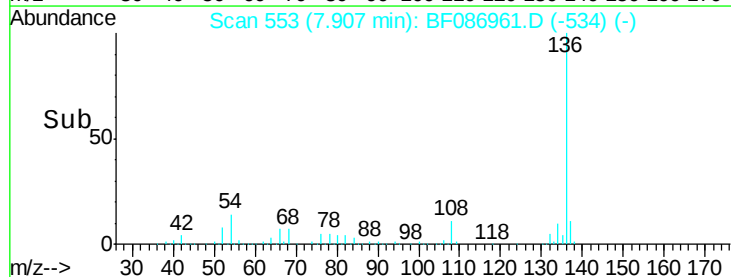
Ion 137.00 (136.70 to 137.70): E

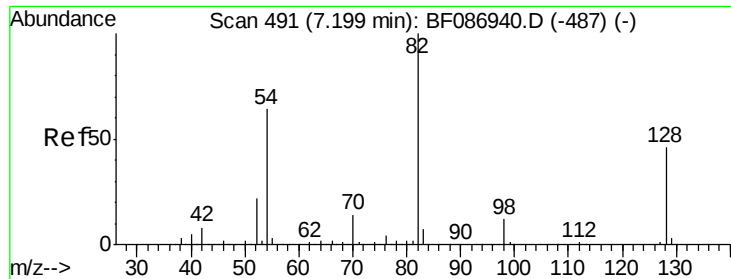
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->





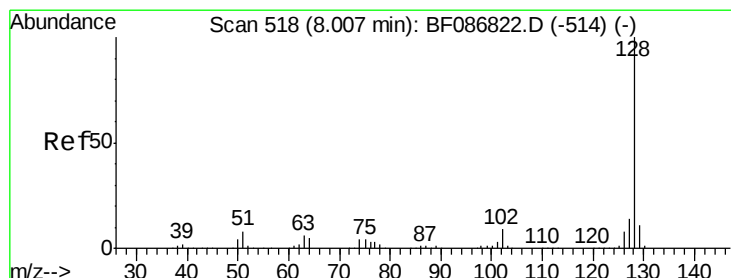
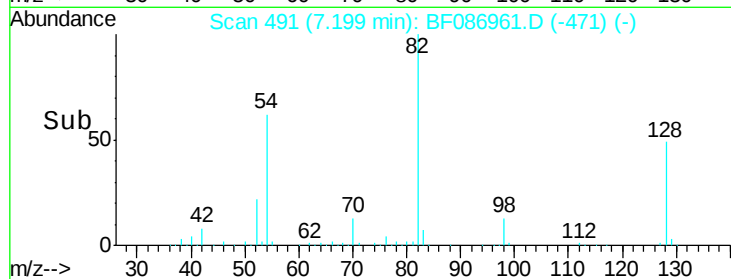
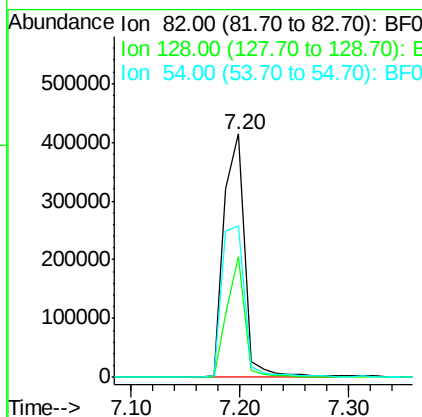
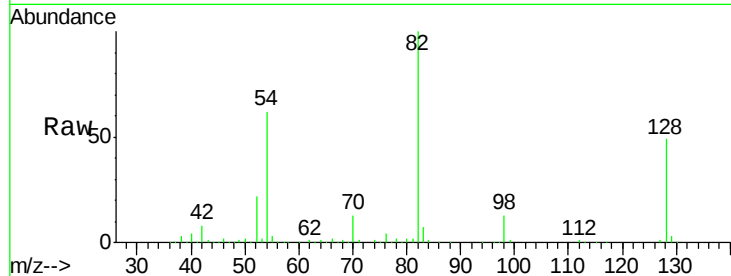
#23
 Nitrobenzene-d5
 Concen: 55.29 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.07 min
 Lab File: BF086961.D
 Acq: 13 May 2016 8:10

Instrument :
 BNA_F
 ClientSampleId :
 CH-STA-1767-00(0-2)

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	49.4	40.6	61.0
54	62.1	38.1	57.1#

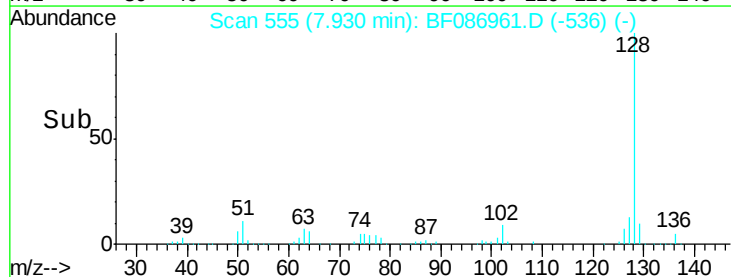
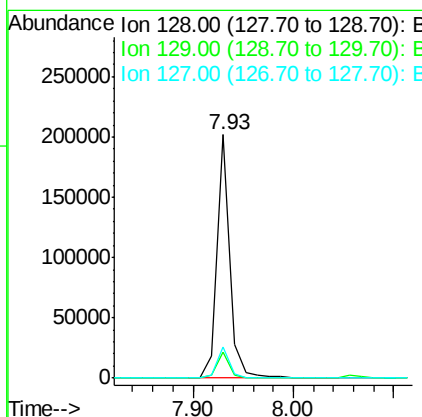
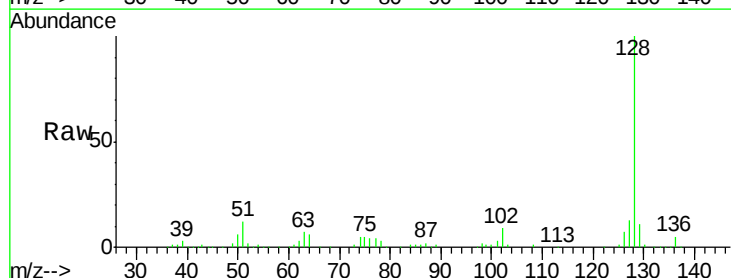
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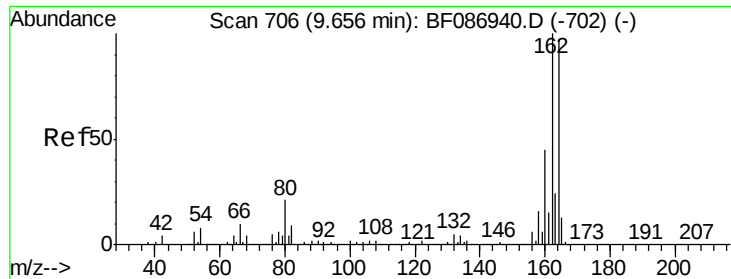
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#31
 Naphthalene
 Concen: 7.10 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.08 min
 Lab File: BF086961.D
 Acq: 13 May 2016 8:10

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.0	10.8	16.2





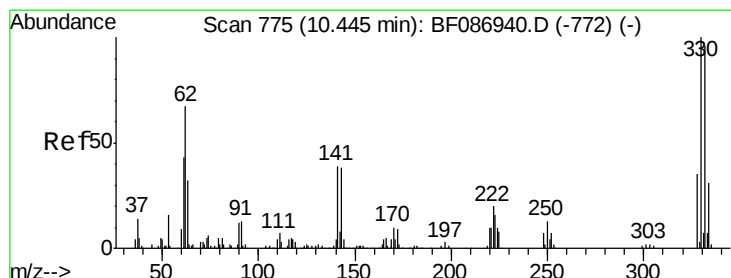
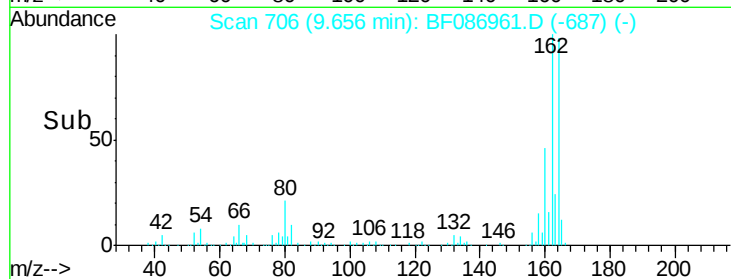
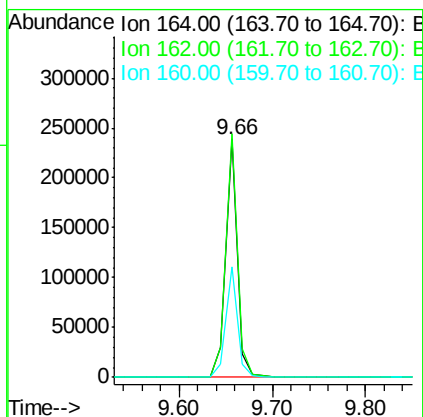
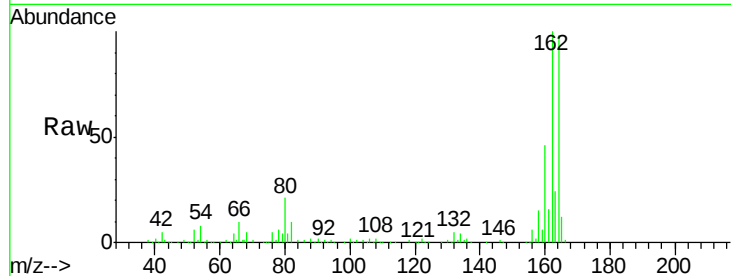
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.08 min
Lab File: BF086961.D
Acq: 13 May 2016 8:10

Instrument :
BNA_F
ClientSampleId :
CH-STA-1767-00(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	204828		
162	102.2	82.8	124.2	
160	46.5	36.9	55.3	

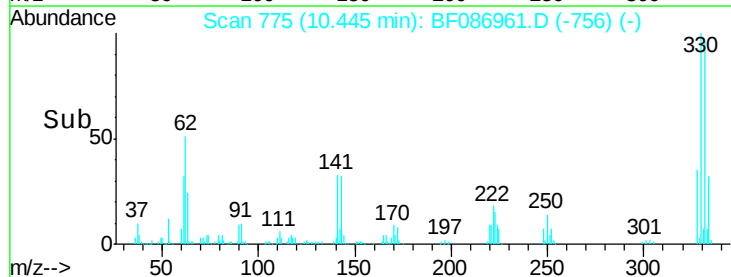
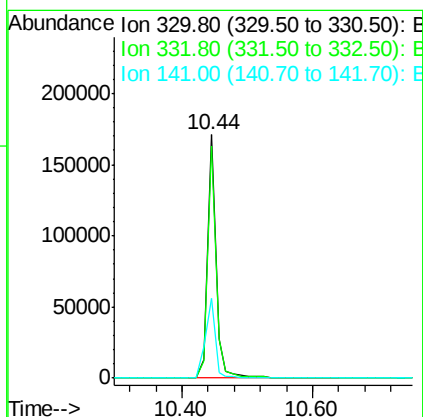
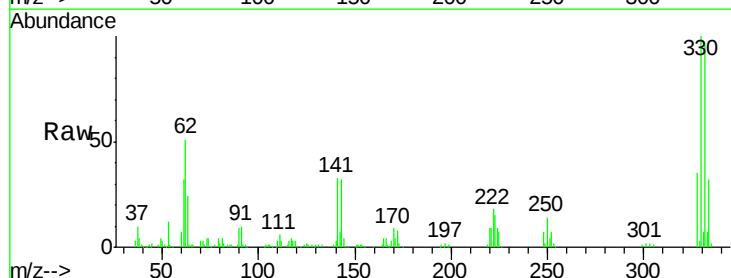
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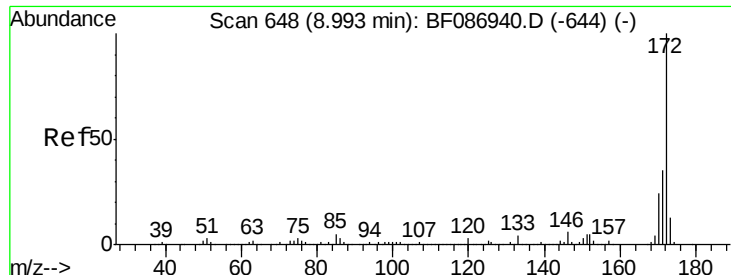
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#41
2,4,6-Tribromophenol
Concen: 71.79 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.08 min
Lab File: BF086961.D
Acq: 13 May 2016 8:10

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	155677		
332	96.1	79.0	118.4	
141	37.5	31.2	46.8	





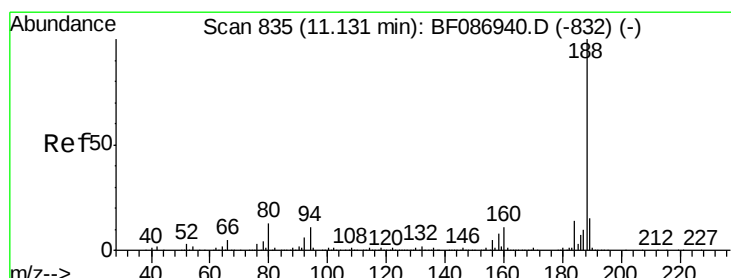
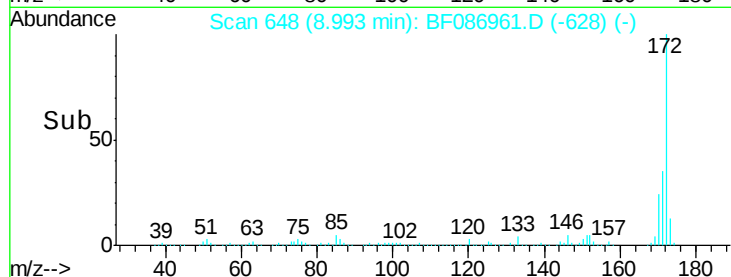
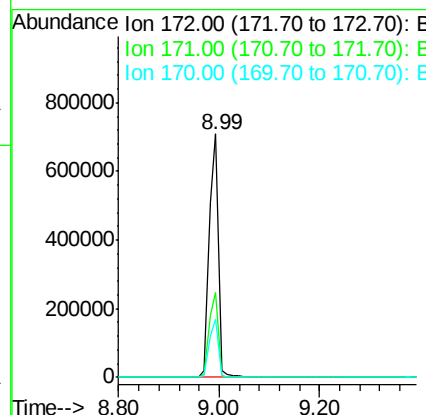
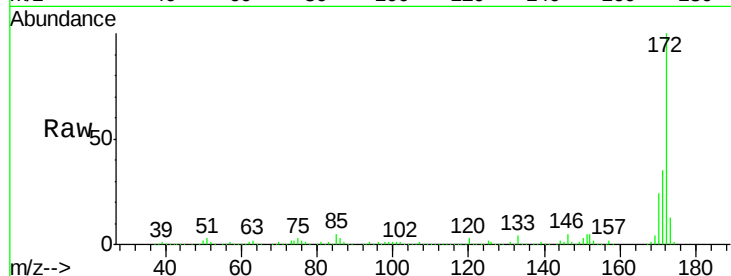
#44
 2-Fluorobiphenyl
 Concen: 72.97 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.07 min
 Lab File: BF086961.D
 Acq: 13 May 2016 8:10

Instrument :
 BNA_F
 ClientSampleId :
 CH-STA-1767-00(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	889263		
171	34.8	29.0	43.6	
170	23.7	19.8	29.8	

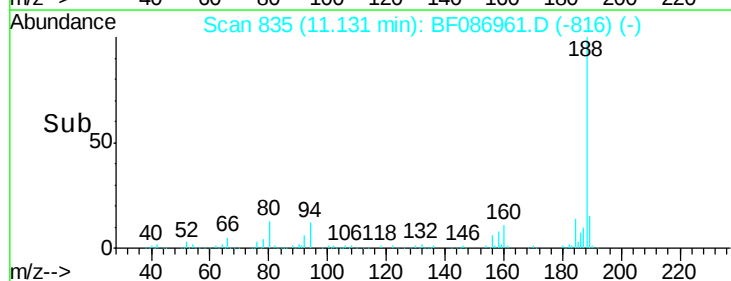
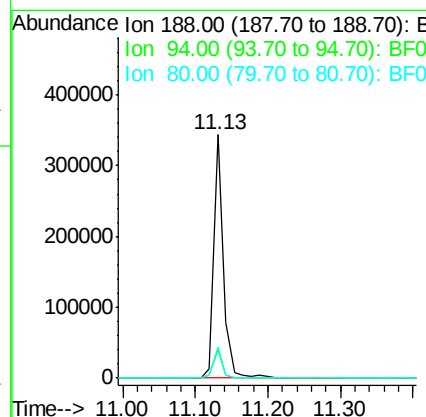
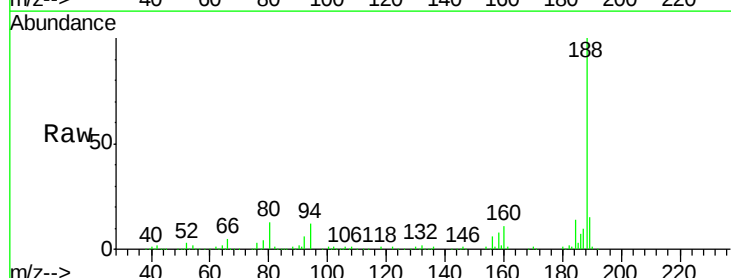
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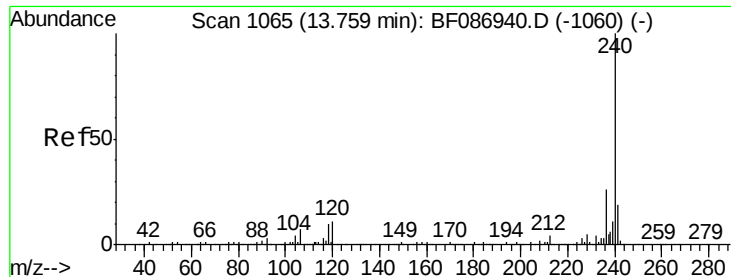
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.08 min
 Lab File: BF086961.D
 Acq: 13 May 2016 8:10

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	315358		
94	11.5	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: BF086961.D

Acq: 13 May 2016 8:10

Instrument :

BNA_F

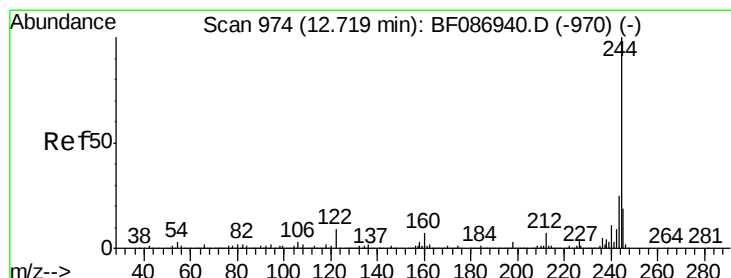
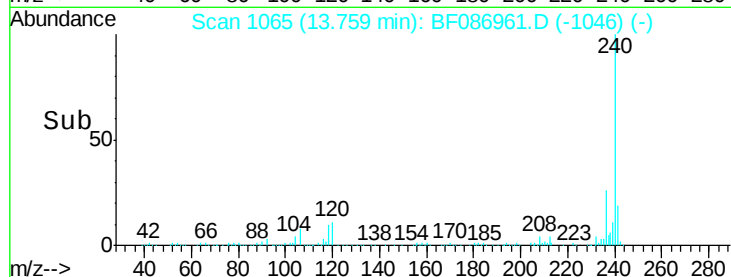
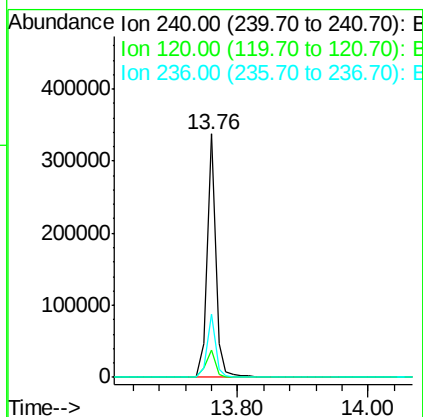
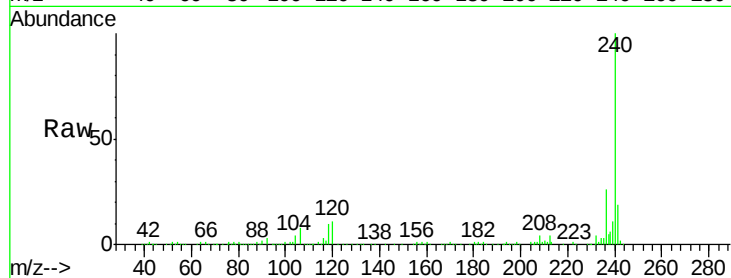
ClientSampleId :

CH-STA-1767-00(0-2)

Tgt Ion:	240	Resp:	309336
Ion Ratio	Lower	Upper	
240	100		
120	11.4	11.2	16.8
236	26.1	21.2	31.8

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#78

Terphenyl-d14

Concen: 52.92 ng

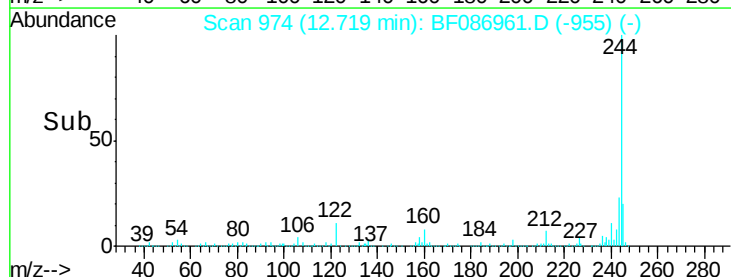
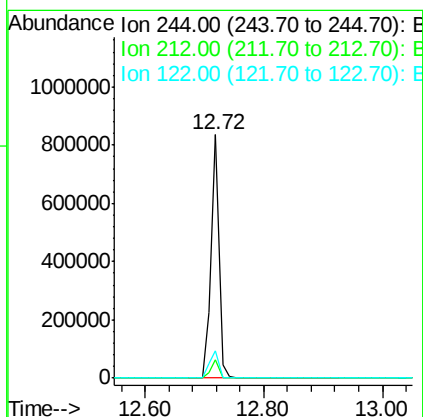
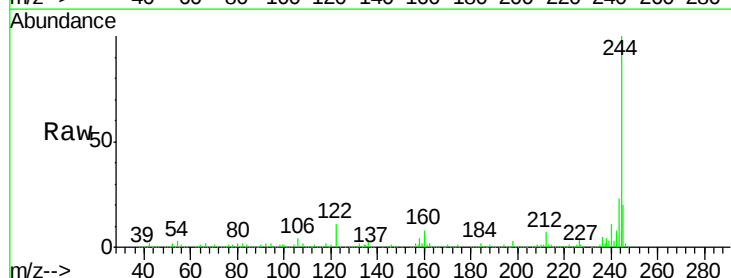
RT: 12.72 min Scan# 974

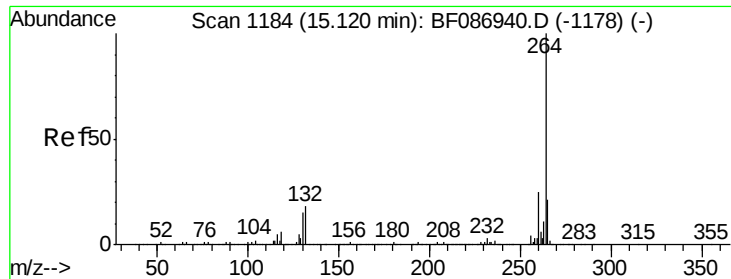
Delta R.T. -0.08 min

Lab File: BF086961.D

Acq: 13 May 2016 8:10

Tgt Ion:	244	Resp:	771577
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.2	9.2
122	11.2	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: BF086961.D
Acq: 13 May 2016 8:10

Instrument :
BNA_F
ClientSampleId :
CH-STA-1767-00(0-2)

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.0	19.5	29.3
265	21.4	17.3	25.9

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