

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
 Data File : BF086117.D
 Acq On : 7 Apr 2016 00:21
 Operator : UM/SJ
 Sample : H2087-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-002

Manual Integrations
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 4/7/2016 5:59:07 PM

Quant Time: Apr 07 03:40:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	106193m	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	420236	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	150510	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	252497	20.00	ng	-0.03
75) Chrysene-d12	13.91	240	238225	20.00	ng	-0.02
86) Perylene-d12	15.30	264	172182	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	733948	118.14	ng	-0.02
7) Phenol-d6	6.40	99	939481	119.05	ng	-0.02
23) Nitrobenzene-d5	7.31	82	468728	65.78	ng	-0.03
41) 2,4,6-Tribromophenol	10.58	330	132257	93.62	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	754064	83.30	ng	-0.03
78) Terphenyl-d14	12.85	244	694112	68.49	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.50	163	94771	8.50	ng	Qvalue 99

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

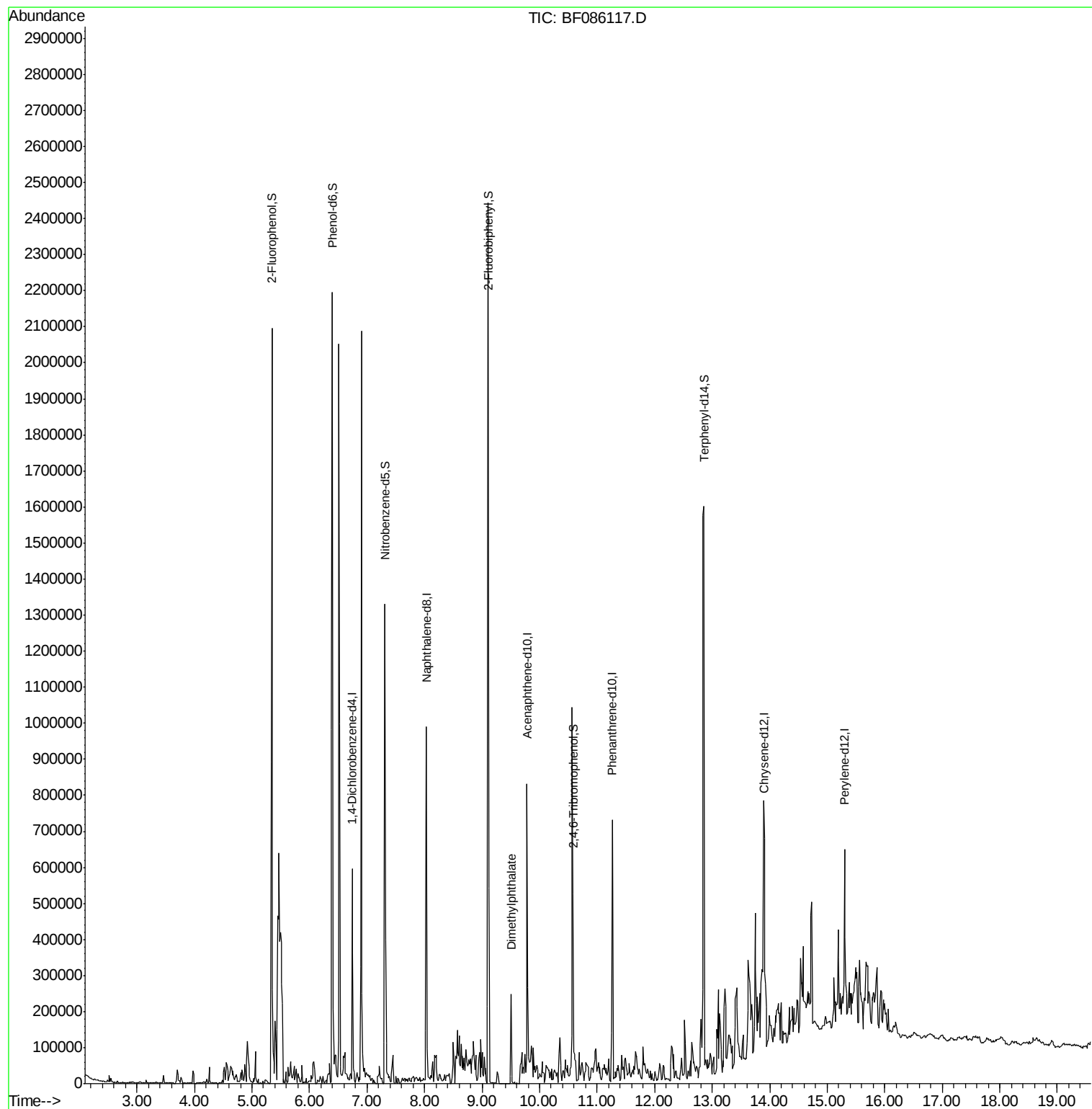
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
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ALS Vial : 28 Sample Multiplier: 1

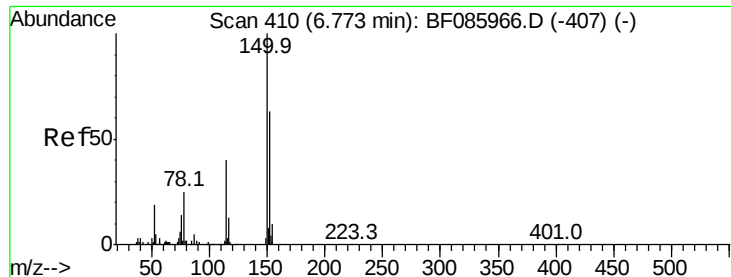
Instrument :
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QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/mL

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086117.D

Acq: 7 Apr 2016 00:21

Instrument :

BNA_F

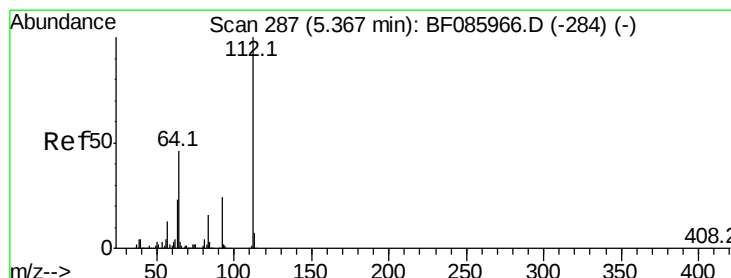
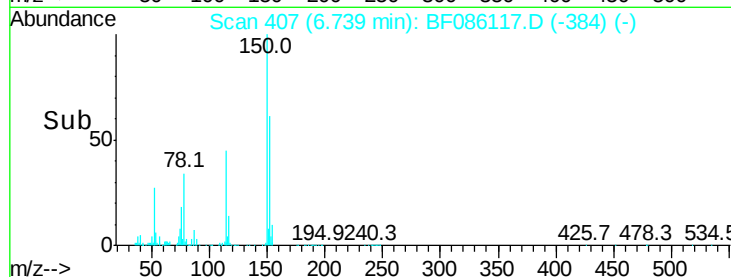
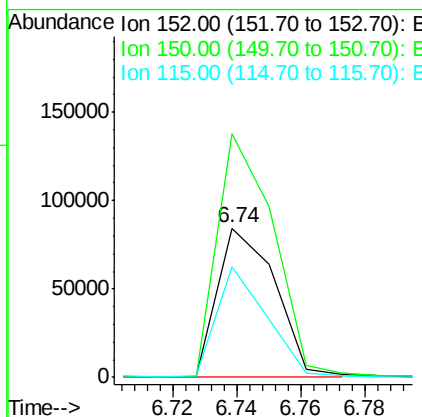
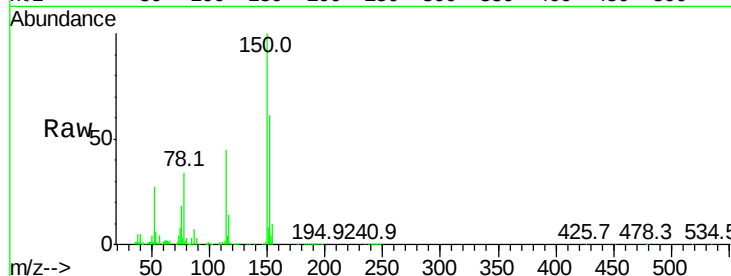
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Tot Ion	Ratio	Lower	Upper
152	100		
150	163.3	124.2	186.2
115	74.2	47.0	70.6



#5

2-Fluorophenol

Concen: 118.14 ng/mL

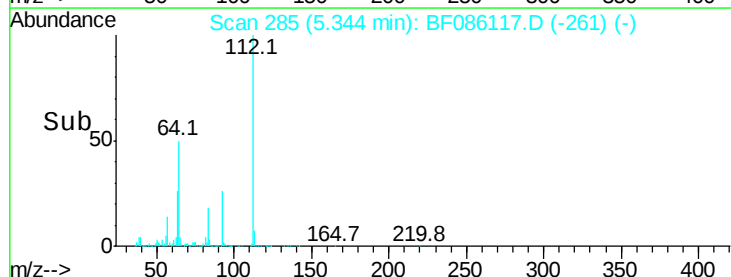
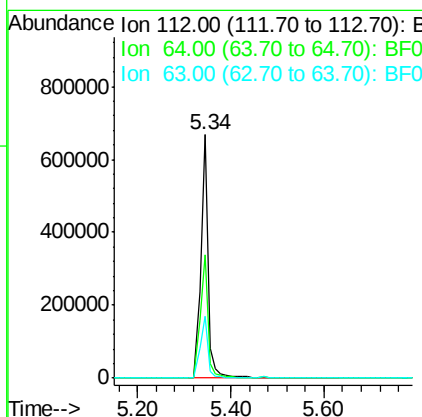
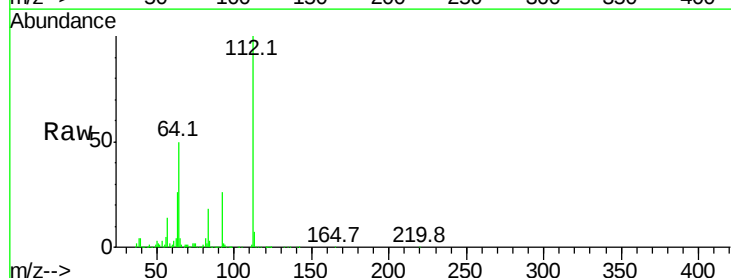
RT: 5.34 min Scan# 285

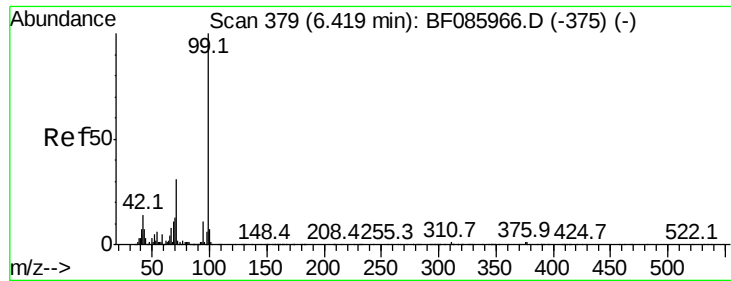
Delta R.T. -0.02 min

Lab File: BF086117.D

Acq: 7 Apr 2016 00:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.4	39.9	59.9
63	25.6	20.2	30.2





#7

Phenol-d6

Concen: 119.05 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF086117.D

Acq: 7 Apr 2016 00:21

Instrument :

BNA_F

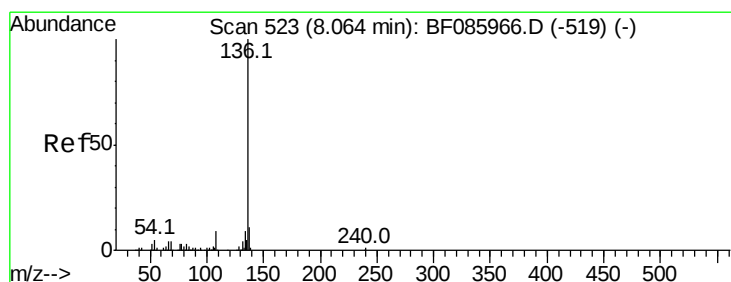
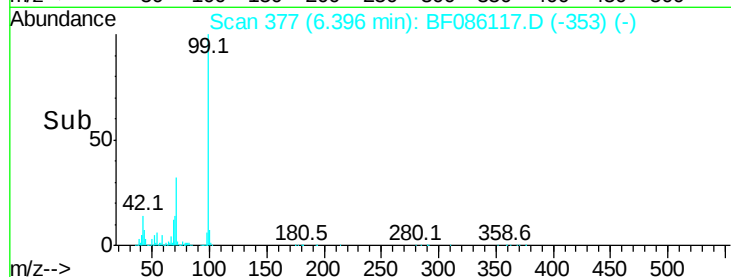
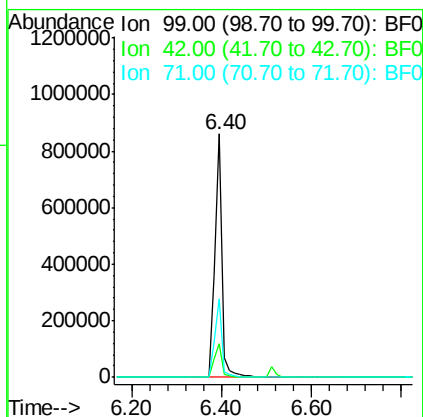
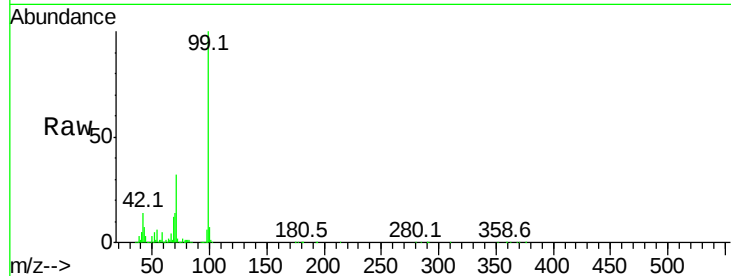
ClientSampleId :

TILCON-MH-SF-002

Tot Ion:	99	Resp:	939481
Ion Ratio	Lower	Upper	
99	100		
42	14.1	11.1	16.7
71	32.1	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.00 ng

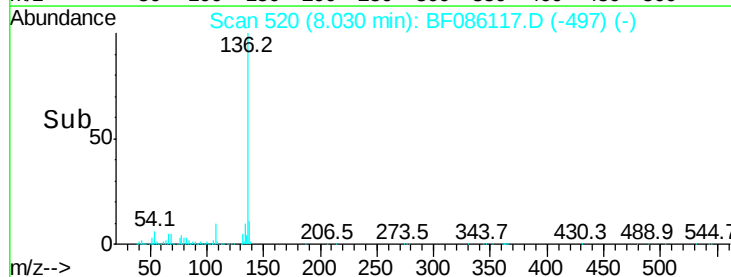
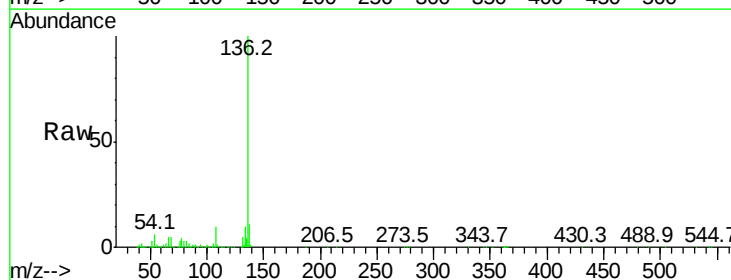
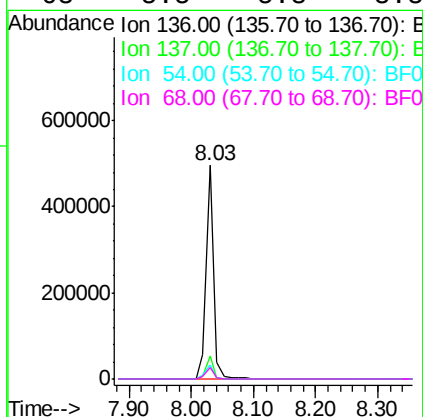
RT: 8.03 min Scan# 520

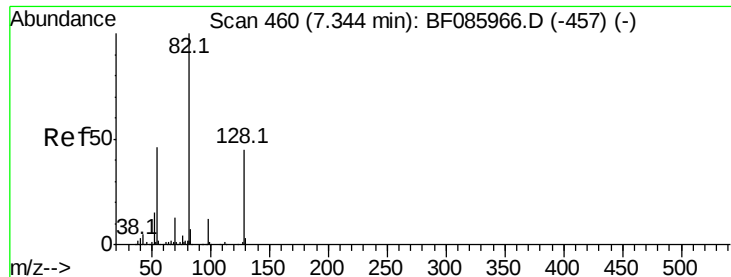
Delta R.T. -0.03 min

Lab File: BF086117.D

Acq: 7 Apr 2016 00:21

Tgt Ion:	136	Resp:	420236
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.1	13.7
54	6.4	7.4	11.0#
68	5.5	5.8	8.8#





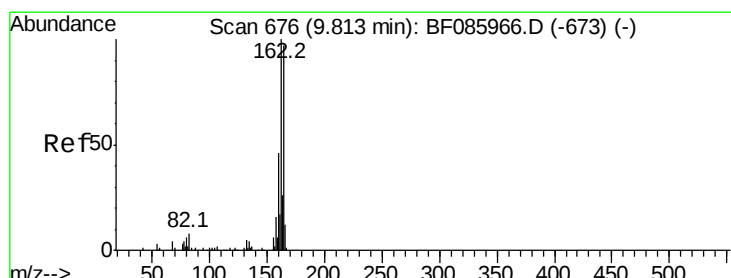
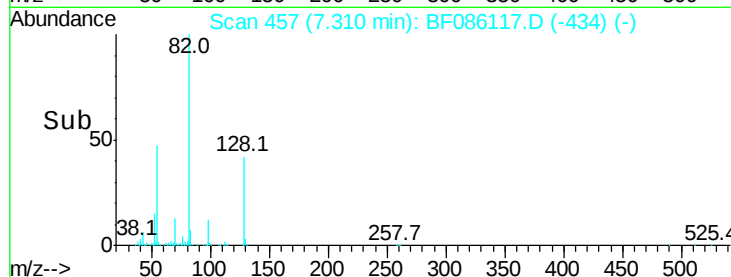
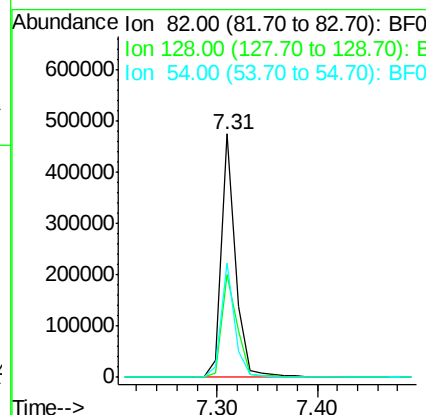
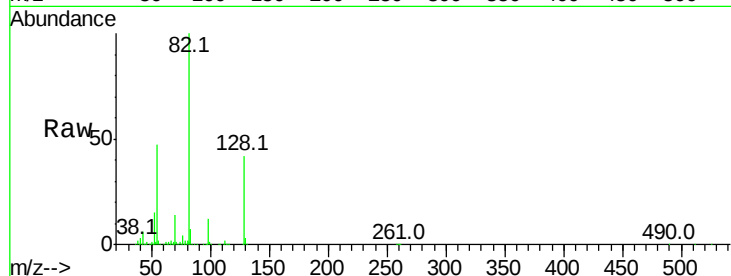
#23
 Nitrobenzene-d5
 Concen: 65.78 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086117.D
 Acq: 7 Apr 2016 00:21

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-002

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	41.8	62.8
54	47.0	33.4	50.0

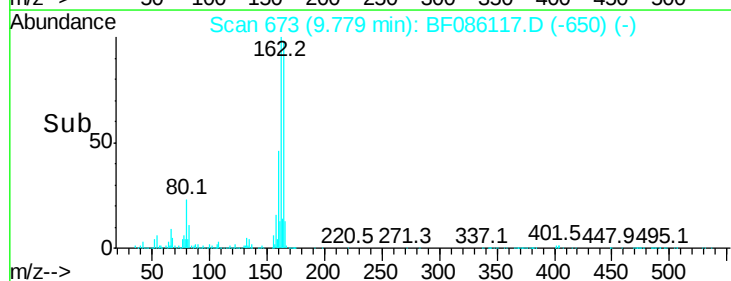
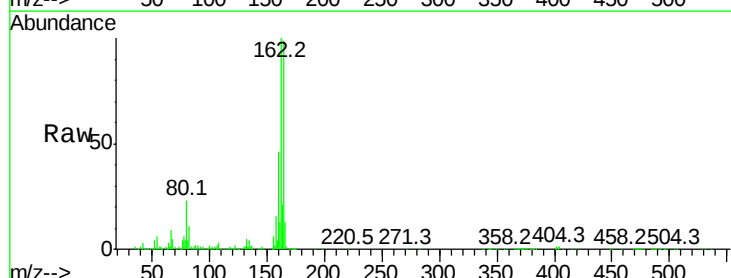
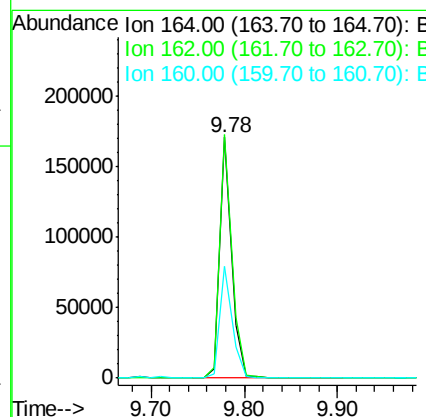
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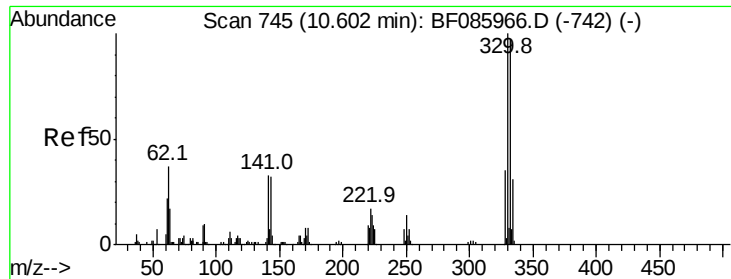
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.03 min
 Lab File: BF086117.D
 Acq: 7 Apr 2016 00:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.1	123.1
160	46.4	37.4	56.2





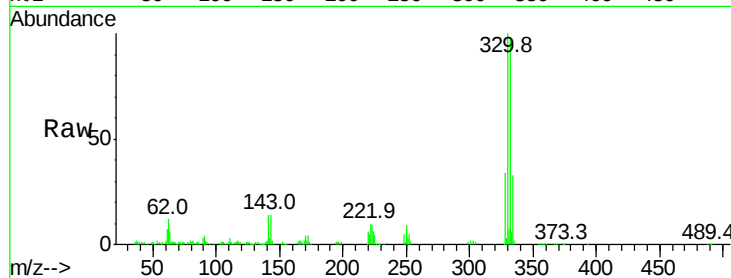
#41
 2,4,6-Tribromophenol
 Concen: 93.62 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF086117.D
 Acq: 7 Apr 2016 00:21

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-002

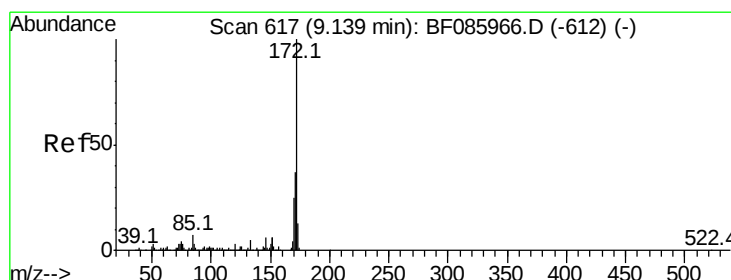
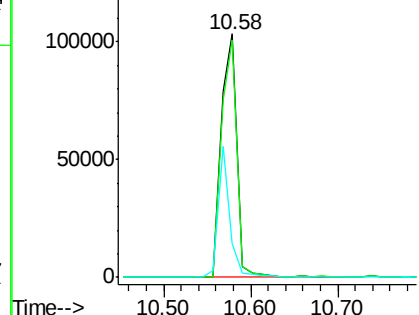
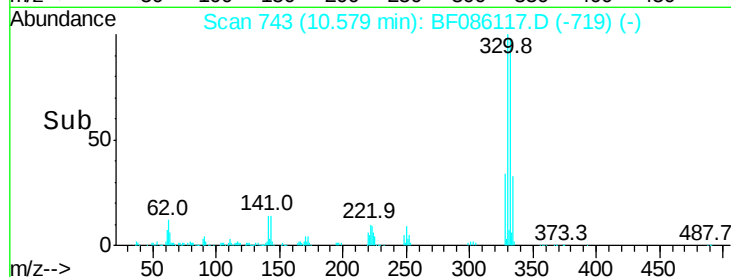
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	78.2	117.2	
141	40.2	31.5	47.3	

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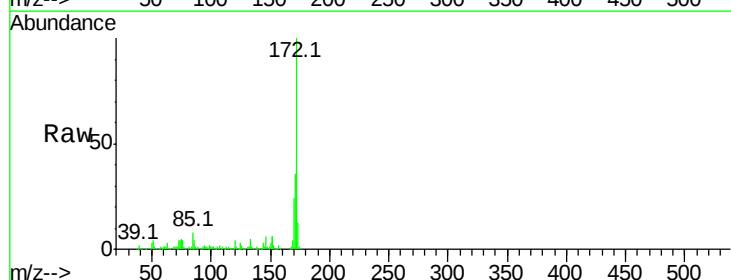


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

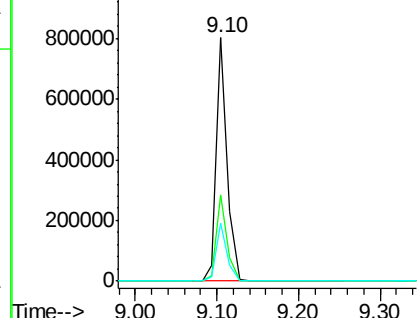
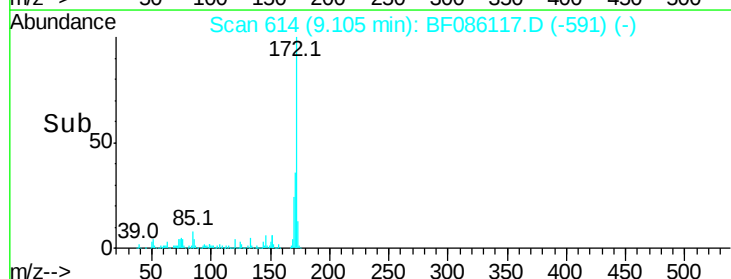


#44
 2-Fluorobiphenyl
 Concen: 83.30 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086117.D
 Acq: 7 Apr 2016 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.5	29.4	44.2	
170	24.0	19.8	29.6	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





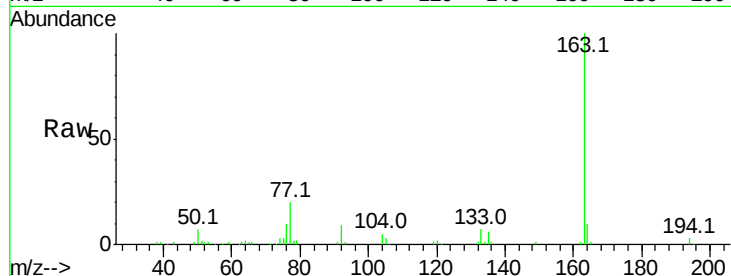
#49
Dimethylphthalate
Concen: 8.50 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.03 min
Lab File: BF086117.D
Acq: 7 Apr 2016 00:21

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.9	4.3	
164	9.8	8.3	12.5	

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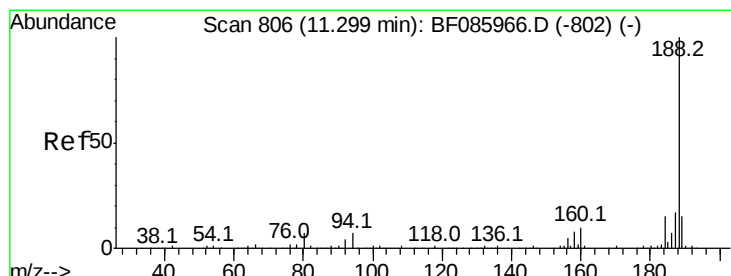
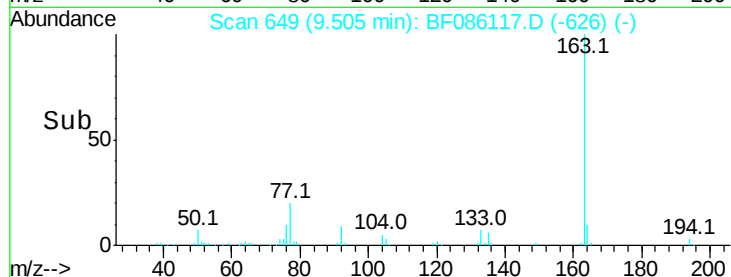
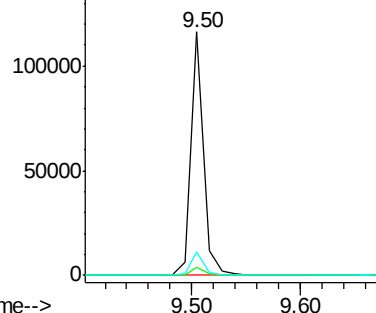


Abundance

Ion 163.00 (162.70 to 163.70): E

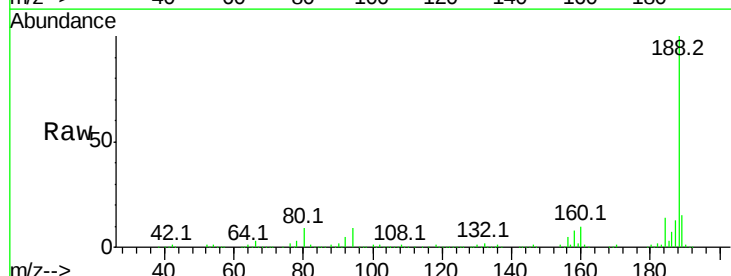
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF086117.D
Acq: 7 Apr 2016 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.7	5.4	8.0#	
80	9.0	5.5	8.3#	

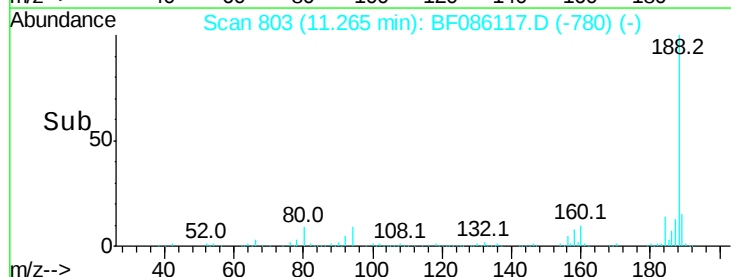
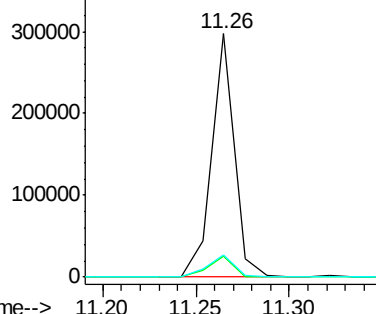


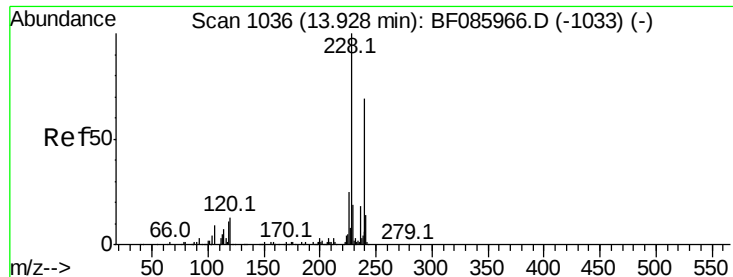
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF086117.D

Acq: 7 Apr 2016 00:21

Instrument :

BNA_F

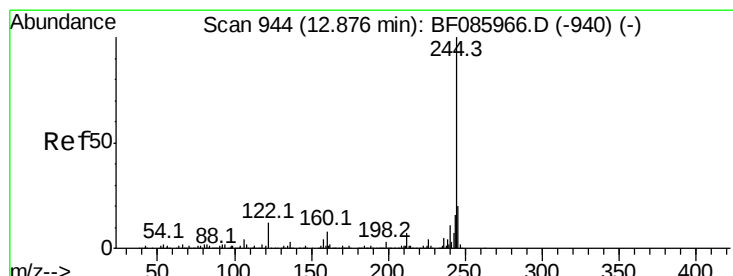
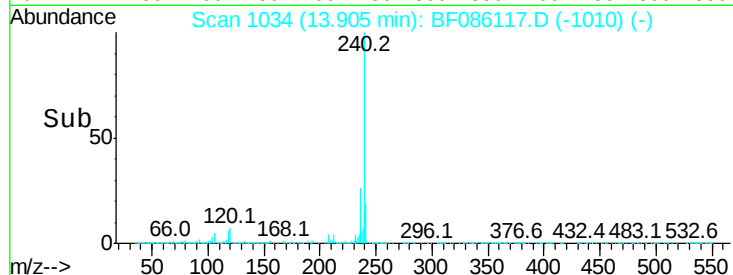
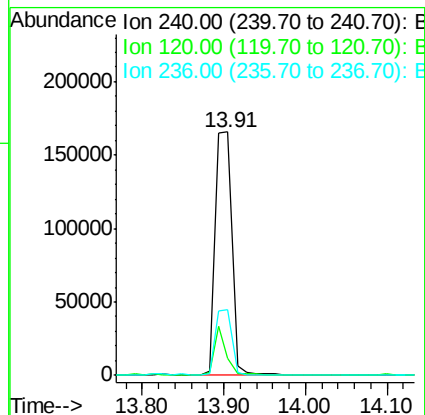
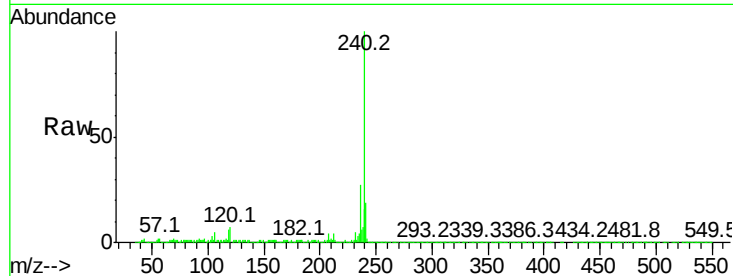
ClientSampleId :

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Tot Ion:	240	Resp:	238225
Ion Ratio	Lower	Upper	
240	100		
120	7.0	13.8	20.8#
236	26.8	20.6	30.8

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#78

Terphenyl-d14

Concen: 68.49 ng

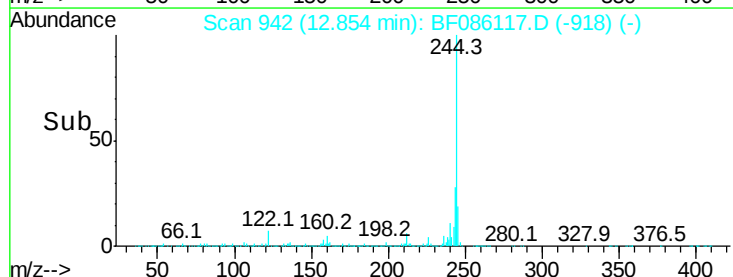
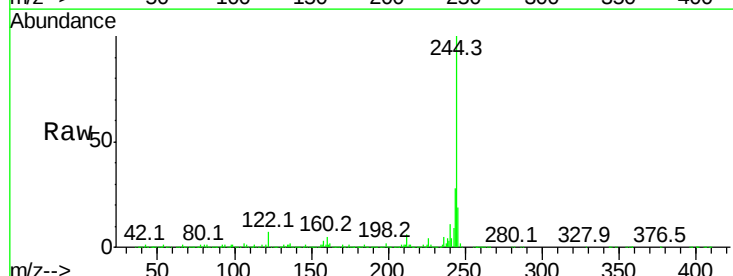
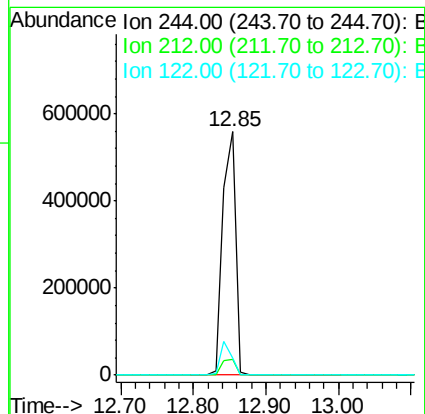
RT: 12.85 min Scan# 942

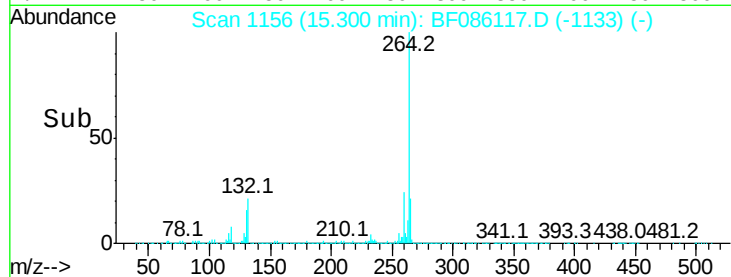
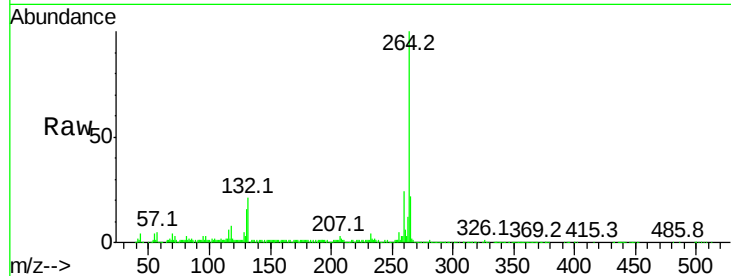
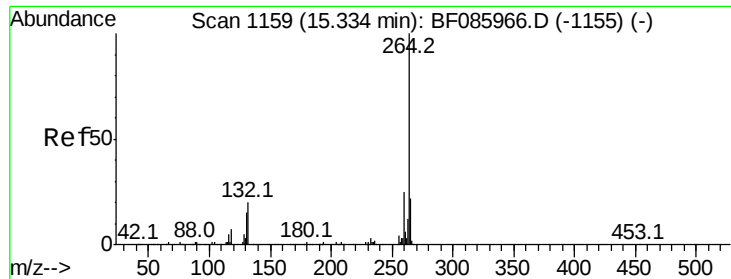
Delta R.T. -0.02 min

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Tgt Ion:	244	Resp:	694112
Ion Ratio	Lower	Upper	
244	100		
212	6.5	6.1	9.1
122	6.8	10.2	15.4#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF086117.D
Acq: 7 Apr 2016 00:21

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-SF-002

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.8	17.2	25.8

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