

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
 Data File : BF086107.D
 Acq On : 6 Apr 2016 19:35
 Operator : UM/SJ
 Sample : H2254-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-17

Manual Integrations
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 4/7/2016 8:59:05 AM

Quant Time: Apr 07 02:15:06 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	149500	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	597785	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	252777	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	413063	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	306470	20.00	ng	-0.03
86) Perylene-d12	15.30	264	323982	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	905586	103.54	ng	-0.02
7) Phenol-d6	6.40	99	1165559	104.92	ng	-0.02
23) Nitrobenzene-d5	7.31	82	610002	60.18	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	205038	86.42	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	917123	60.33	ng	-0.03
78) Terphenyl-d14	12.84	244	660444	50.66	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.50	163	172520	9.21	ng	98
70) Phenanthrene	11.29	178	54514	2.42	ng	98
74) Fluoranthene	12.48	202	81859	3.49	ng	90
77) Pyrene	12.71	202	67914	3.14	ng	99
80) Benzo(a)anthracene	13.88	228	44667	2.47	ng	96
82) Chrysene	13.93	228	36516m	2.10	ng	
87) Benzo(b)fluoranthene	14.91	252	60458m	2.97	ng	
89) Benzo(a)pyrene	15.24	252	38245	2.12	ng	95
91) Benzo(g,h,i)perylene	17.05	276	28614	2.04	ng	99

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

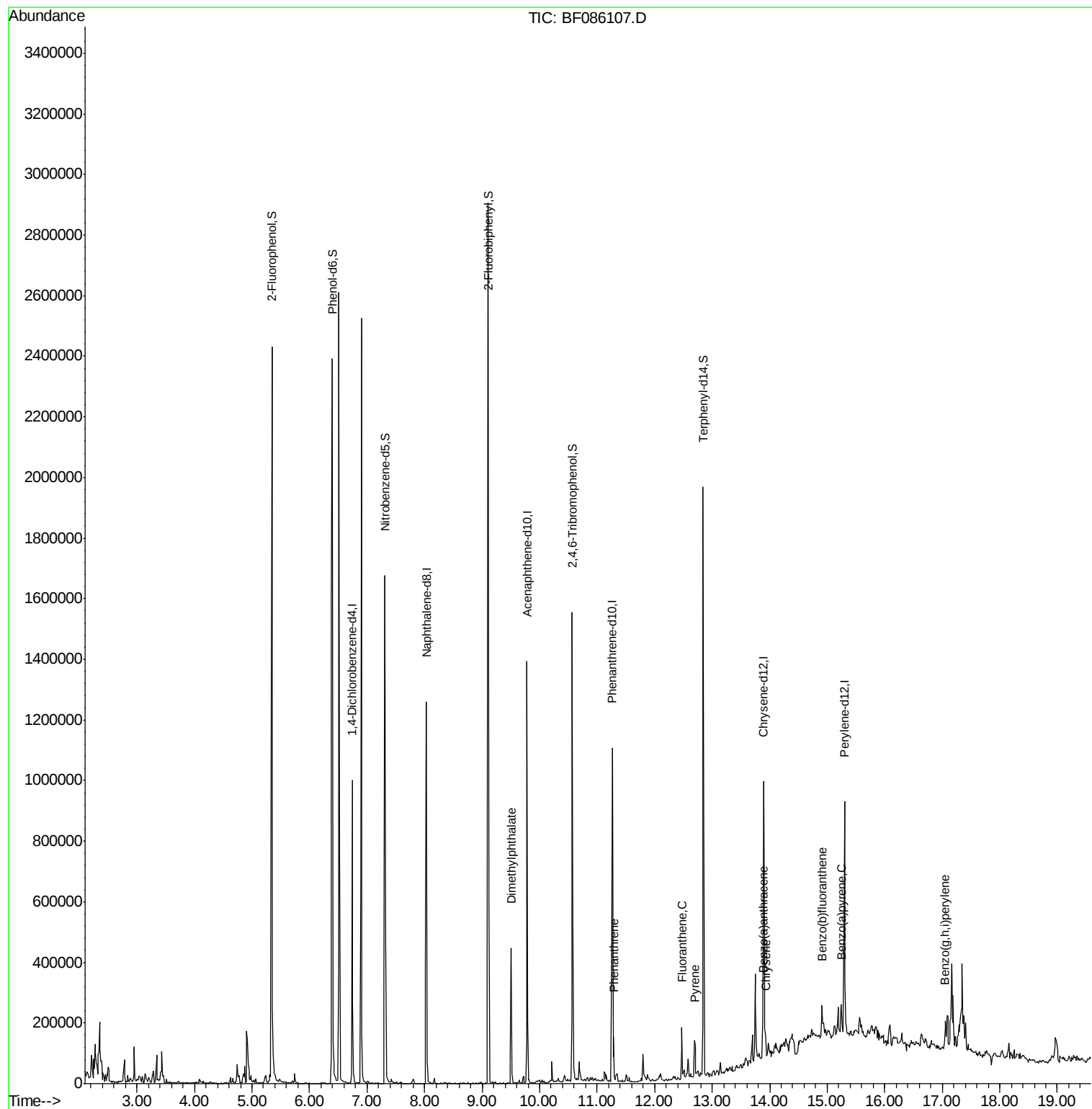
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
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Acq On : 6 Apr 2016 19:35
Operator : UM/SJ
Sample : H2254-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

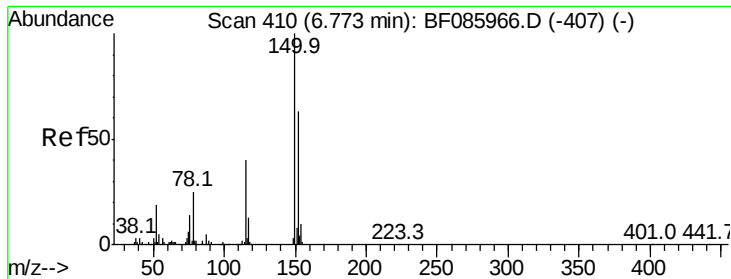
Instrument :
BNA_F
ClientSampleId :
SP-17

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Quant Time: Apr 07 02:15:06 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

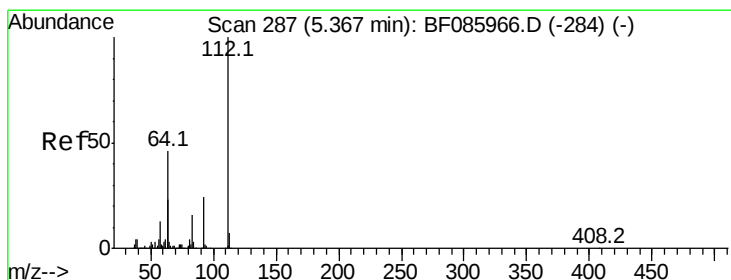
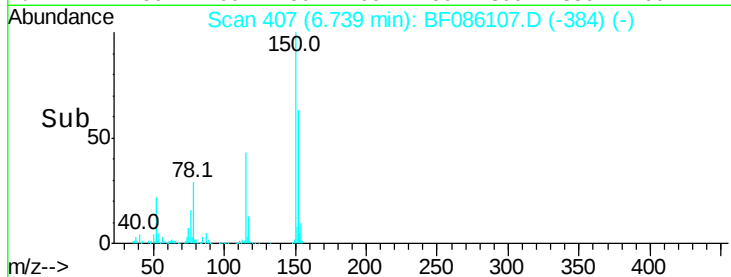
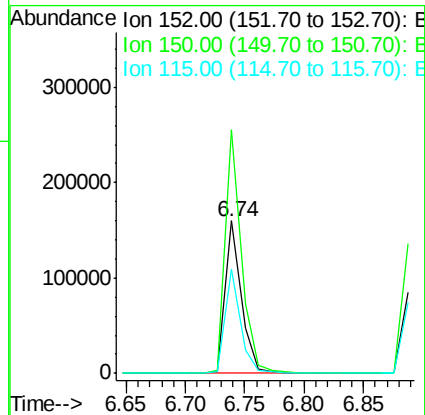
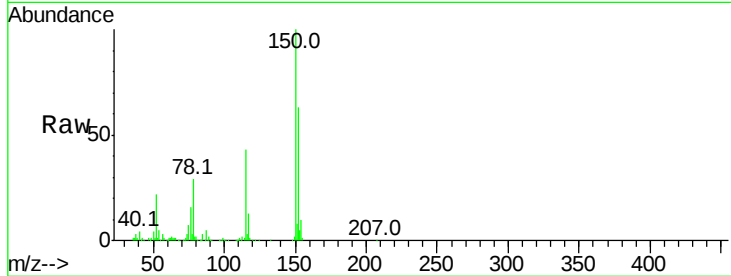
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SP-17

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.2	186.2
115	68.2	47.0	70.6

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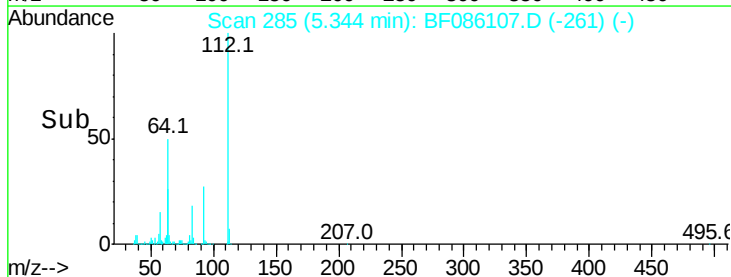
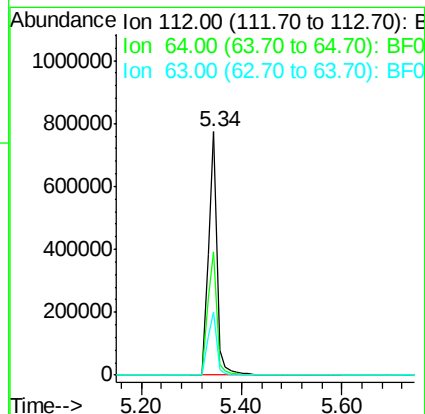
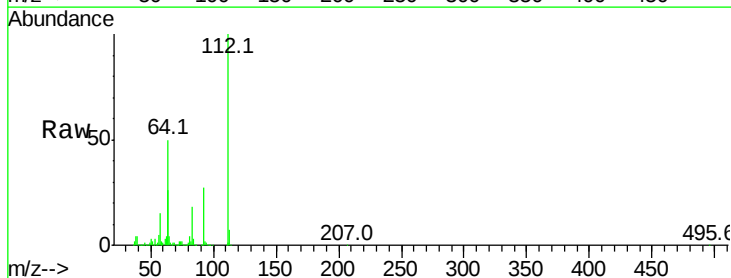
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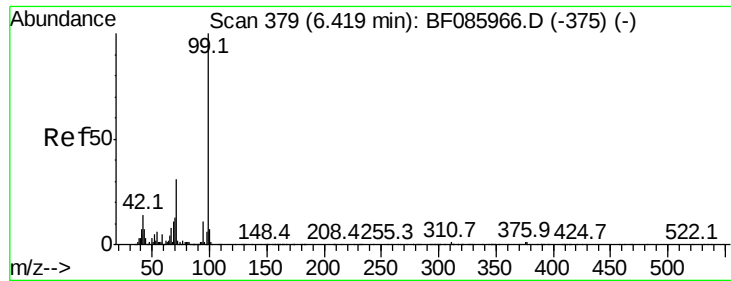


#5

2-Fluorophenol
Concen: 103.54 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.02 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.5	39.9	59.9
63	25.7	20.2	30.2





#7

Phenol-d6

Concen: 104.92 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF086107.D

Acq: 6 Apr 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SP-17

Tot Ion: 99 Resp: 1165559

Ion Ratio Lower Upper

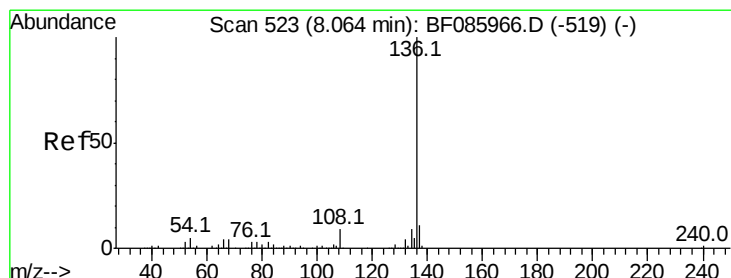
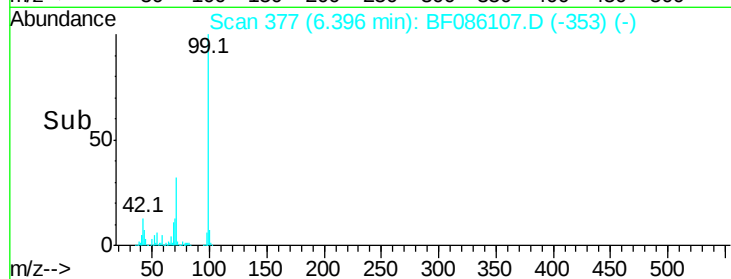
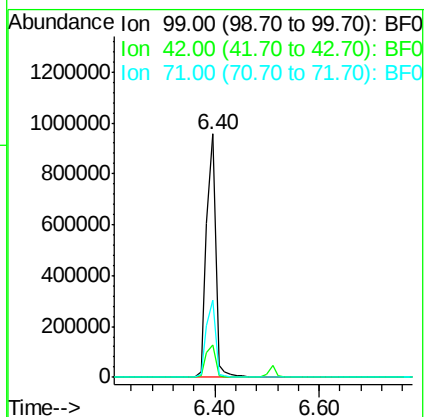
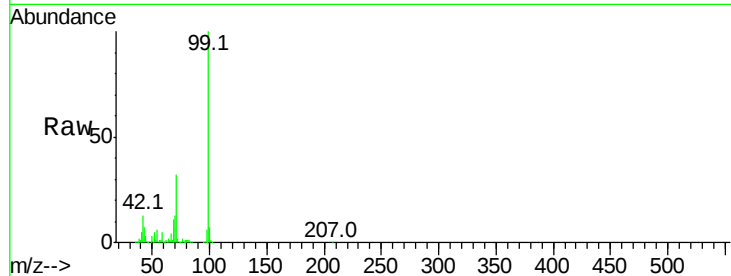
99 100

42 13.5 11.1 16.7

71 31.7 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: BF086107.D

Acq: 6 Apr 2016 19:35

Tgt Ion: 136 Resp: 597785

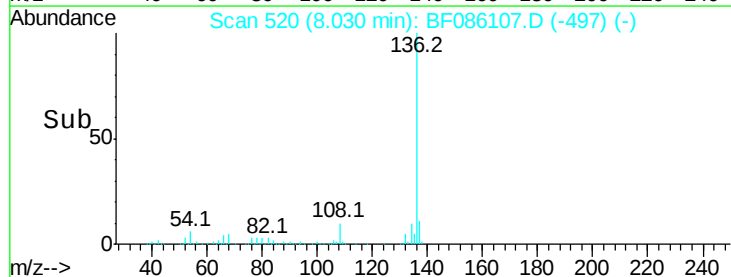
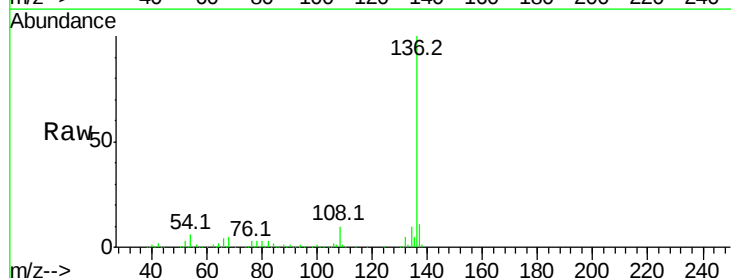
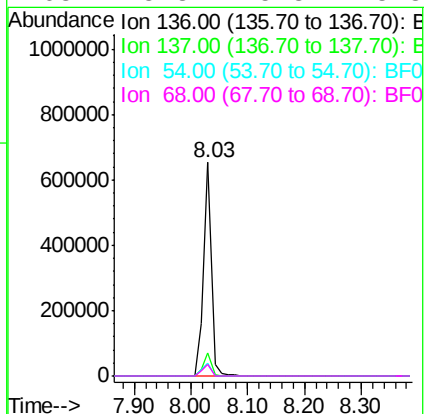
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.8 7.4 11.0#

68 5.3 5.8 8.8#





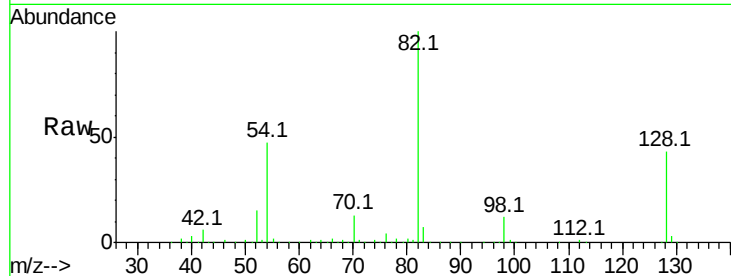
#23
 Nitrobenzene-d5
 Concen: 60.18 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086107.D
 Acq: 6 Apr 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
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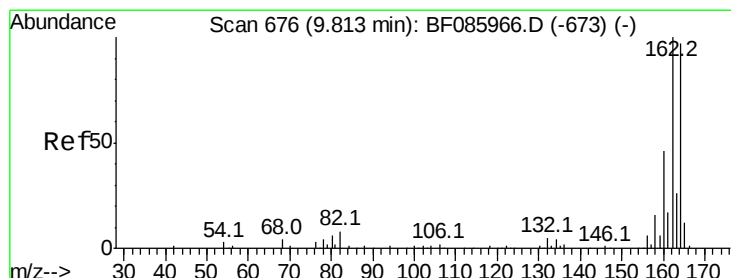
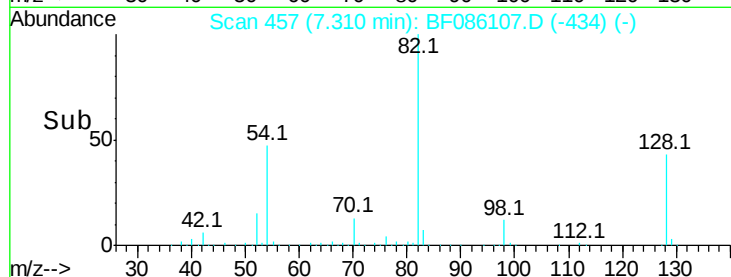
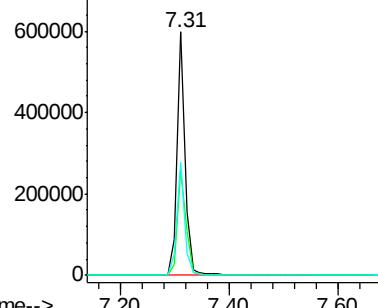
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	41.8	62.8
54	46.5	33.4	50.0

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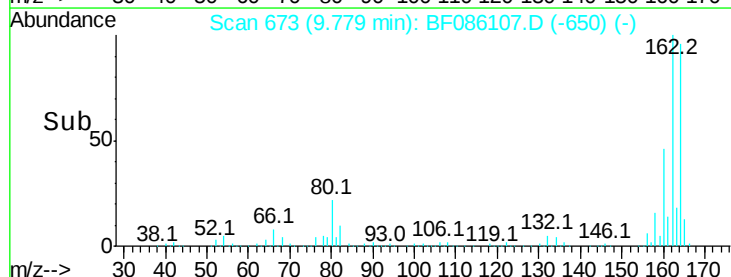
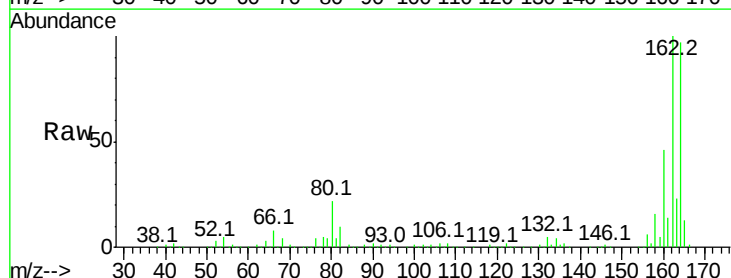
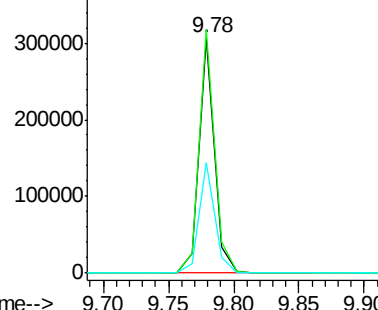
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

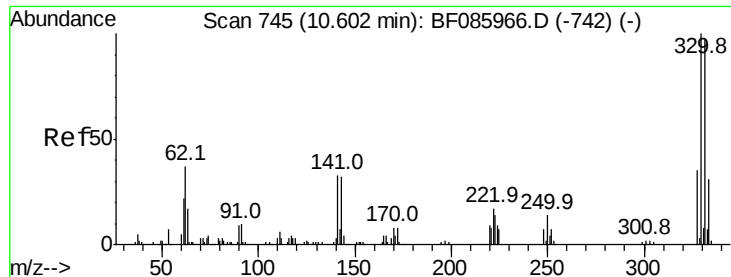


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.03 min
 Lab File: BF086107.D
 Acq: 6 Apr 2016 19:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.1	123.1
160	47.1	37.4	56.2

Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B





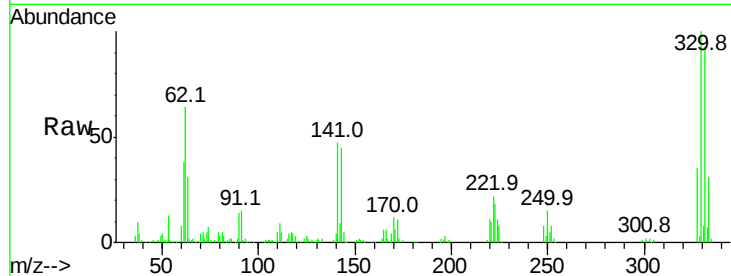
#41
 2,4,6-Tribromophenol
 Concen: 86.42 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086107.D
 Acq: 6 Apr 2016 19:35

Instrument :
 BNA_F
 ClientSampled :
 SP-17

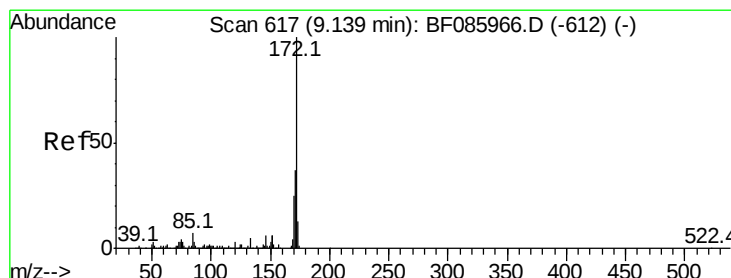
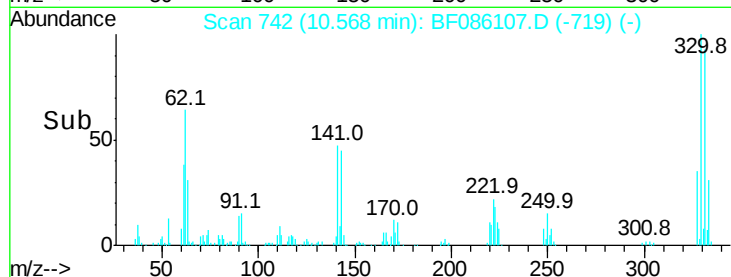
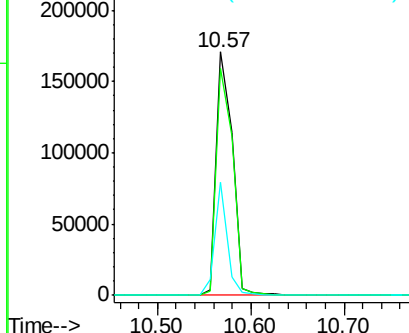
Tot Ion	Ratio	Resp	Lower	Upper
330	100	205038		
332	95.2		78.2	117.2
141	36.0		31.5	47.3

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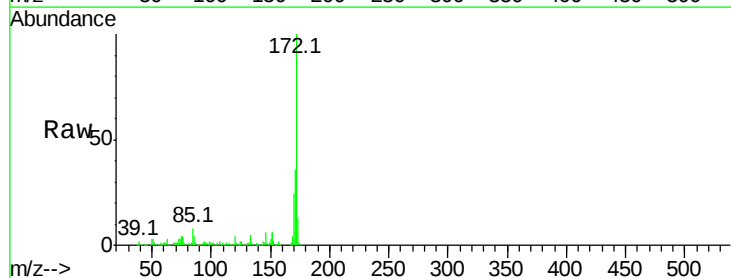


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

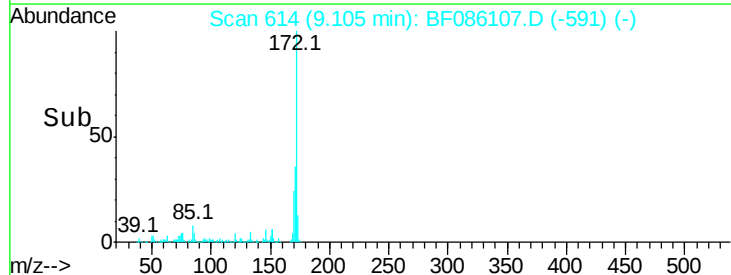
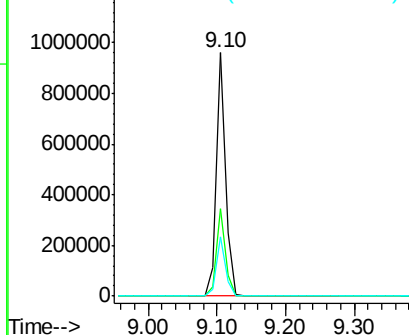


#44
 2-Fluorobiphenyl
 Concen: 60.33 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086107.D
 Acq: 6 Apr 2016 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	917123		
171	35.9		29.4	44.2
170	24.3		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





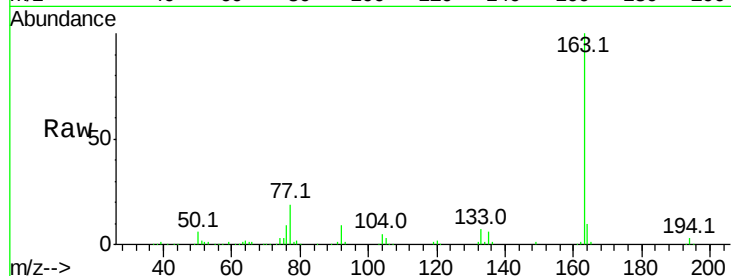
#49
Dimethylphthalate
Concen: 9.21 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.03 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Instrument :
BNA_F
ClientSampled :
SP-17

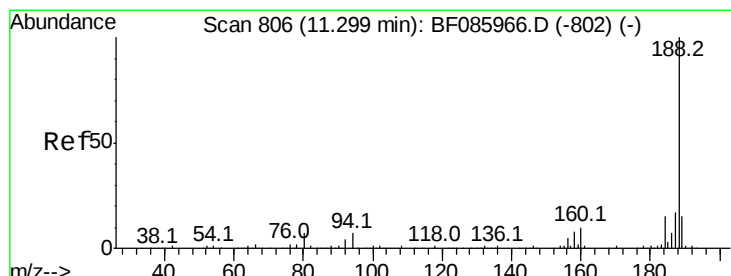
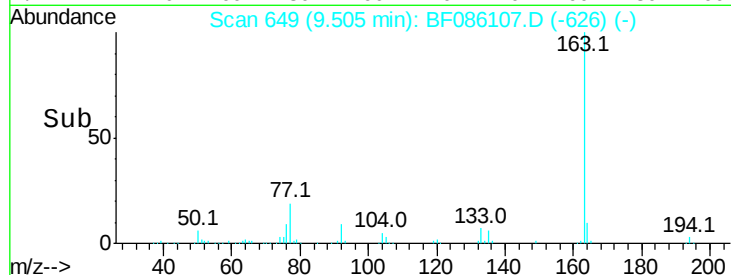
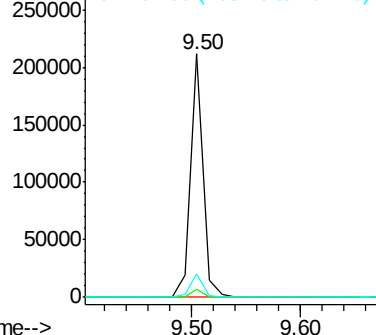
Tot Ion	Ratio	Resp	Lower	Upper
163	100	172520		
194	3.4		2.9	4.3
164	9.5		8.3	12.5

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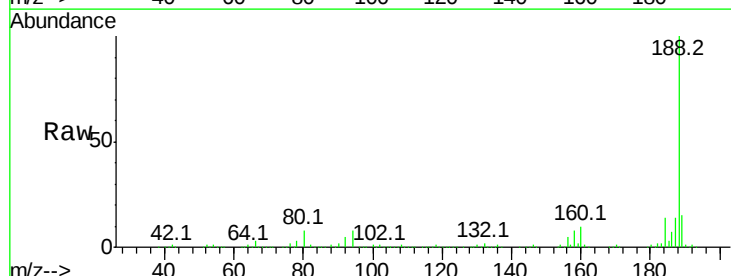


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

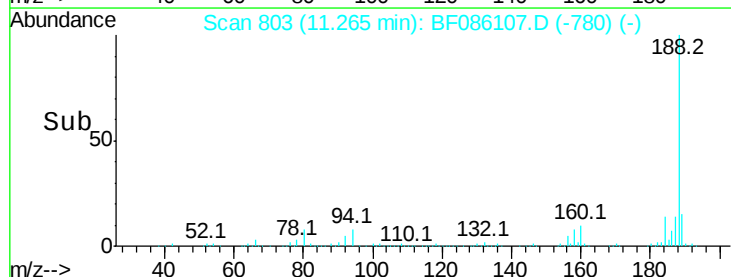
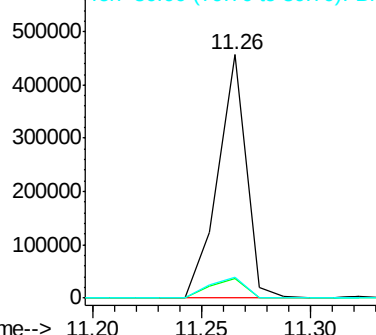


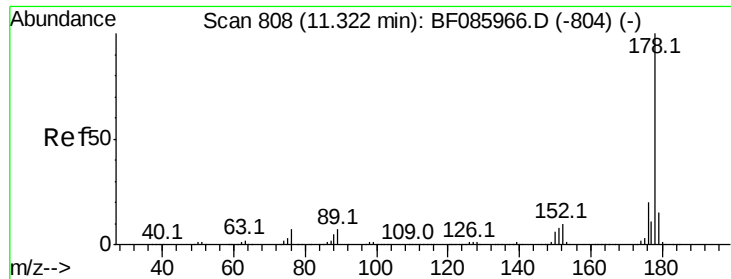
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	413063		
94	8.2		5.4	8.0#
80	8.3		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





#70

Phenanthrene

Concen: 2.42 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.03 min

Lab File: BF086107.D

Acq: 6 Apr 2016 19:35

Instrument :

BNA_F

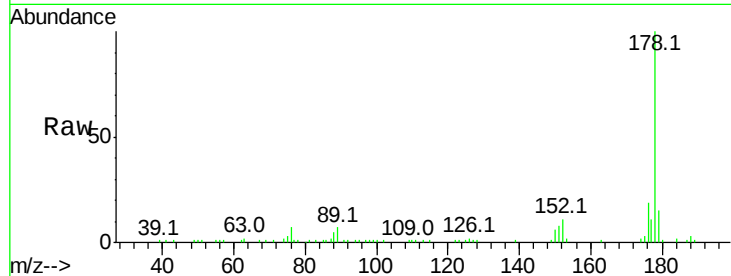
ClientSampleId :

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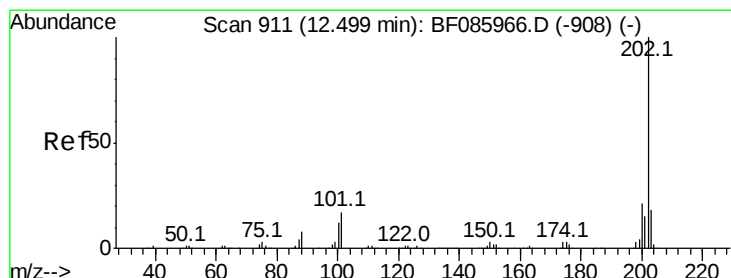
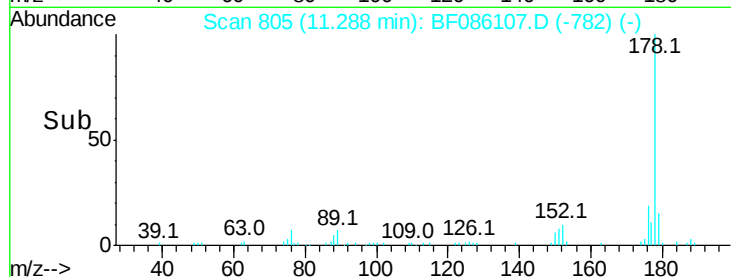
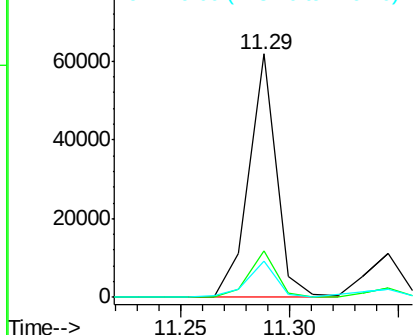
Tot Ion:	178	Resp:	54514
Ion Ratio	Lower	Upper	
178	100		
176	19.3	16.3	24.5
179	14.7	12.6	18.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 3.49 ng

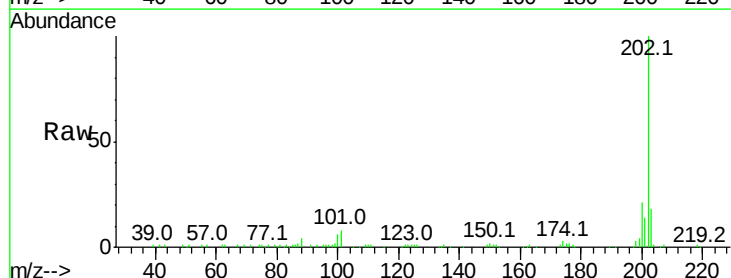
RT: 12.48 min Scan# 909

Delta R.T. -0.02 min

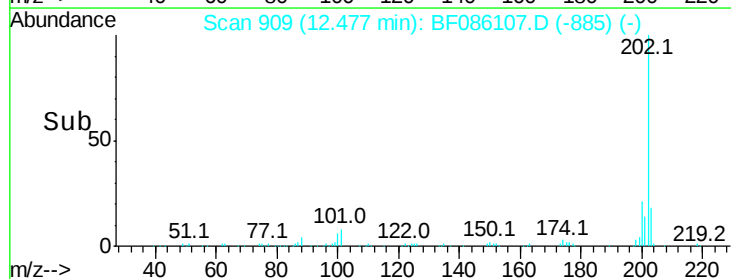
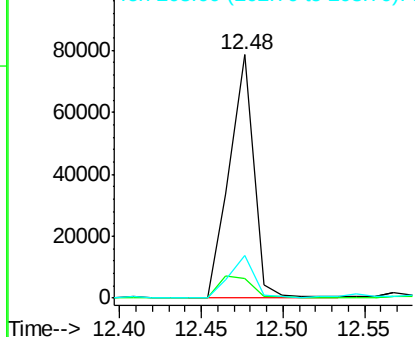
Lab File: BF086107.D

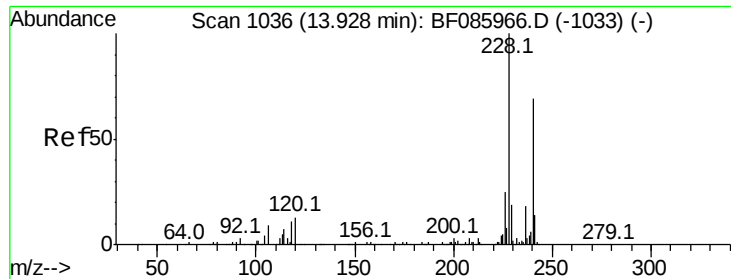
Acq: 6 Apr 2016 19:35

Tgt Ion:	202	Resp:	81859
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	36.6
203	17.7	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086107.D

Acq: 6 Apr 2016 19:35

Instrument :

BNA_F

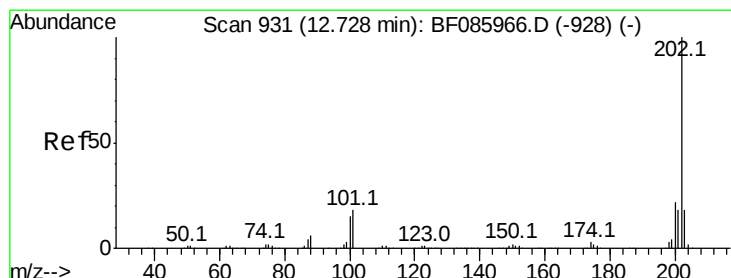
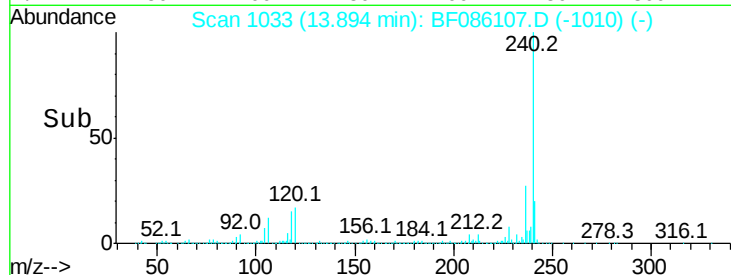
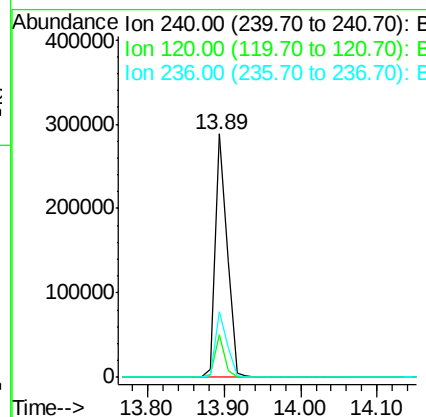
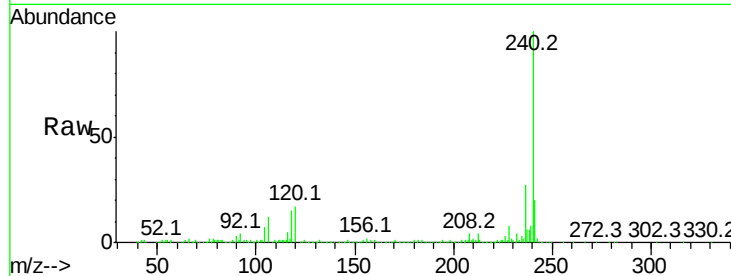
ClientSampleId :

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Tot Ion:	240	Resp:	306470
Ion Ratio	Lower	Upper	
240	100		
120	17.3	13.8	20.8
236	26.8	20.6	30.8

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#77

Pyrene

Concen: 3.14 ng

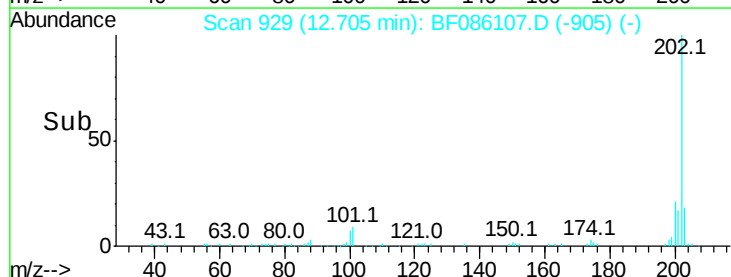
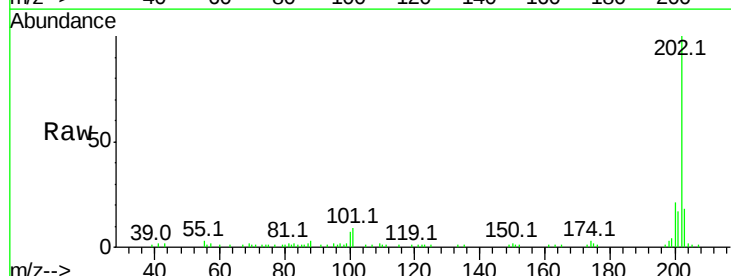
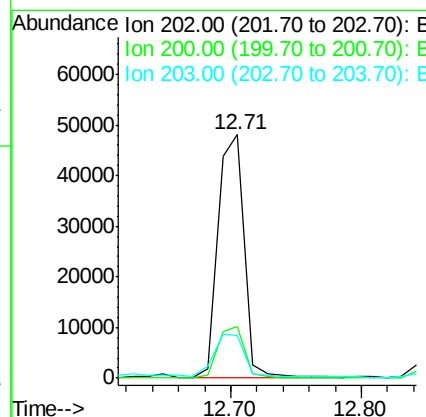
RT: 12.71 min Scan# 929

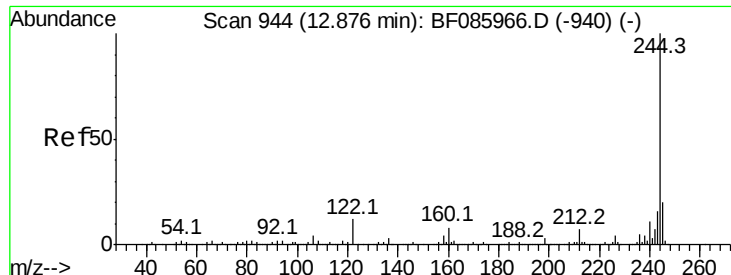
Delta R.T. -0.02 min

Lab File: BF086107.D

Acq: 6 Apr 2016 19:35

Tgt Ion:	202	Resp:	67914
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.6	26.4
203	17.5	14.0	21.0





#78

Terphenyl-d14

Concen: 50.66 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086107.D

Acq: 6 Apr 2016 19:35

Instrument :

BNA_F

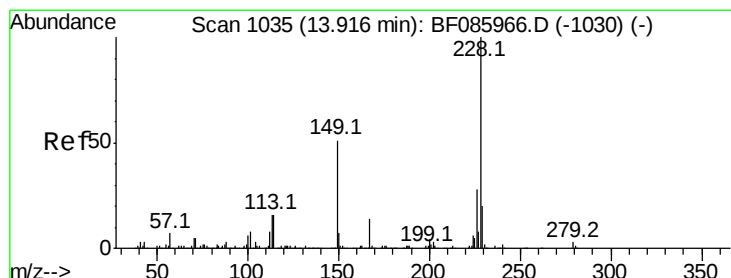
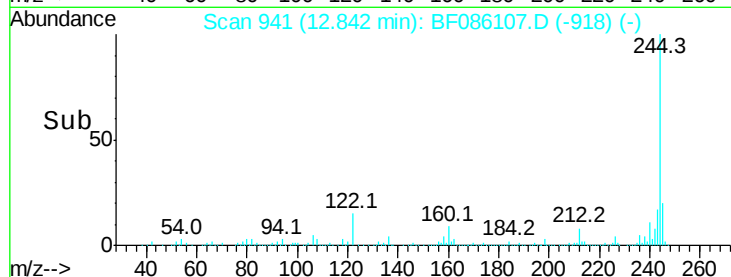
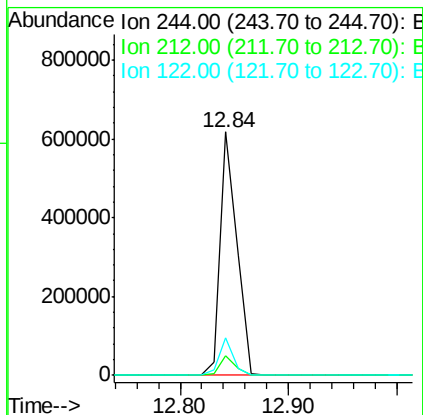
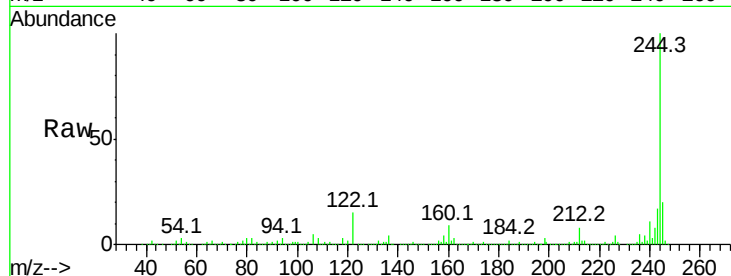
ClientSampleId :

SP-17

Tot Ion:	244	Resp:	660444
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.1	9.1
122	15.4	10.2	15.4

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#80

Benzo(a)anthracene

Concen: 2.47 ng

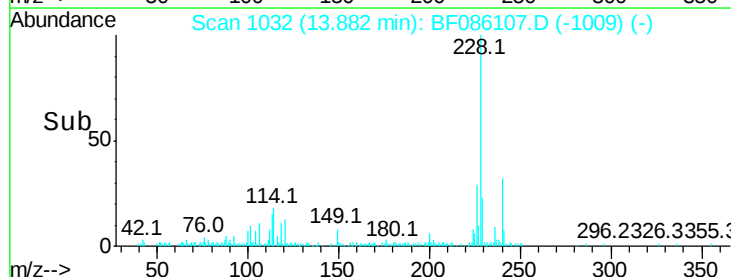
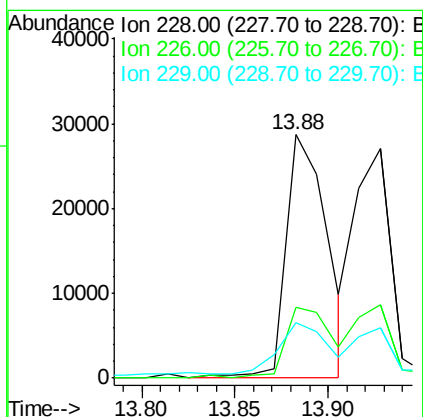
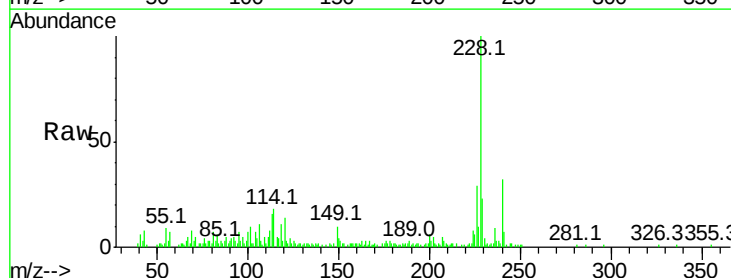
RT: 13.88 min Scan# 1032

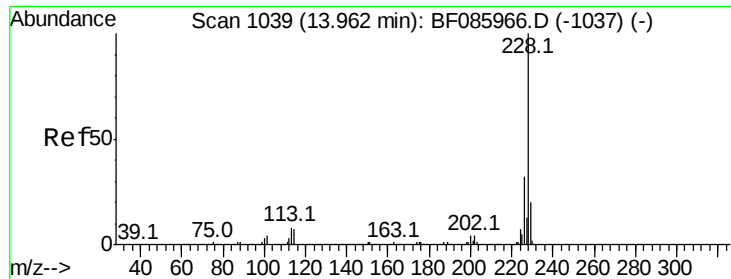
Delta R.T. -0.03 min

Lab File: BF086107.D

Acq: 6 Apr 2016 19:35

Tgt Ion:	228	Resp:	44667
Ion Ratio	Lower	Upper	
228	100		
226	29.2	22.1	33.1
229	22.7	16.2	24.4





#82

Chrysene

Concen: 2.10 ng/mL

RT: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF086107.D

Acq: 6 Apr 2016 19:35

Instrument :

BNA_F

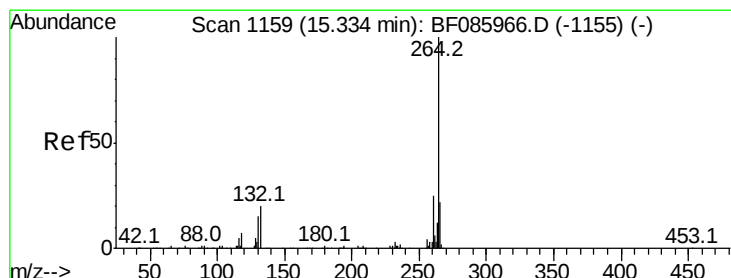
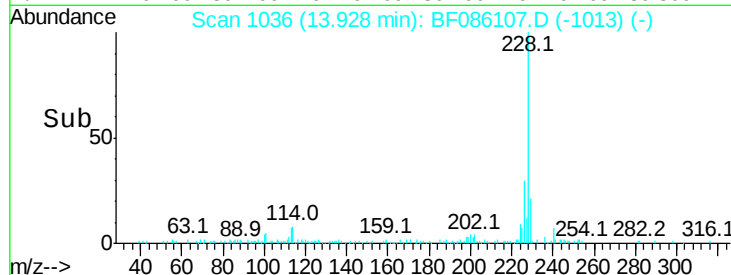
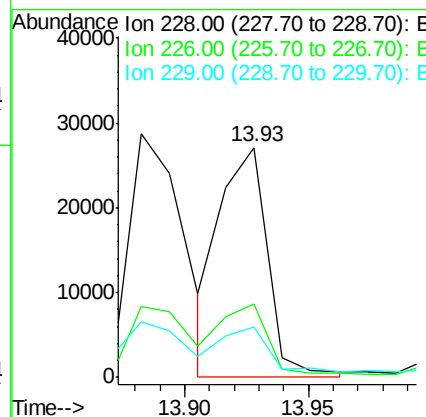
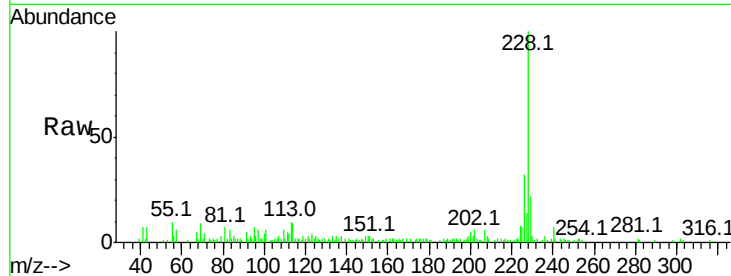
ClientSampleId :

SP-17

Tot Ion:	228	Resp:	36516
Ion Ratio	Lower	Upper	
228	100		
226	31.8	25.0	37.6
229	21.9	15.7	23.5

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#86

Perylene-d12

Concen: 20.00 ng/mL

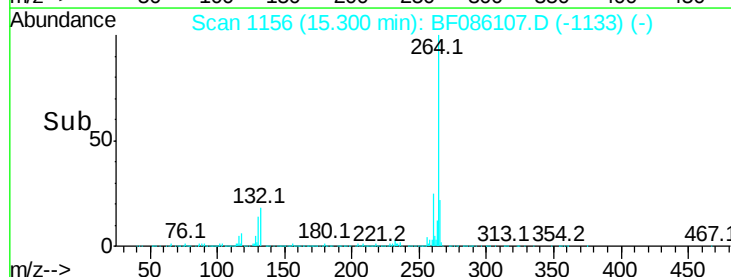
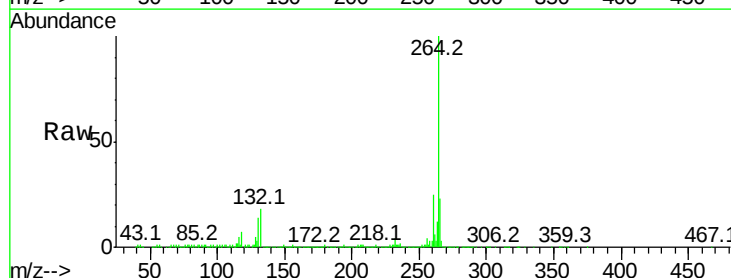
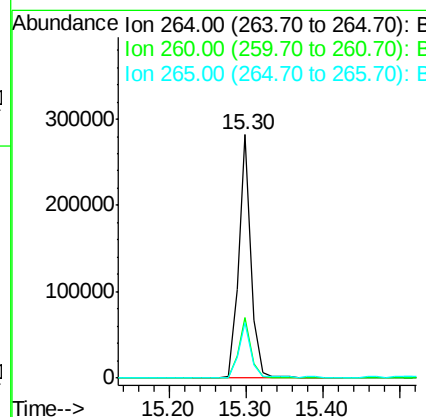
RT: 15.30 min Scan# 1156

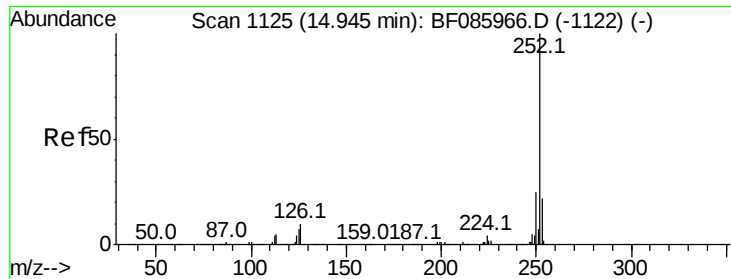
Delta R.T. -0.03 min

Lab File: BF086107.D

Acq: 6 Apr 2016 19:35

Tgt Ion:	264	Resp:	323982
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.4	29.2
265	22.5	17.2	25.8





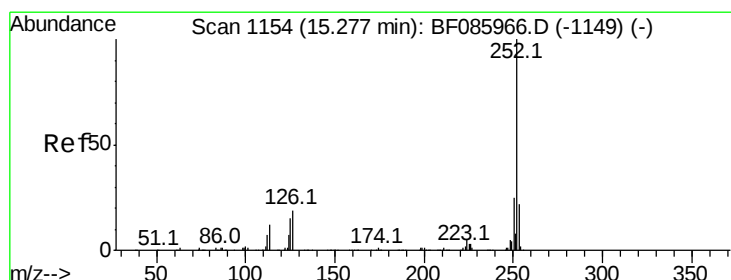
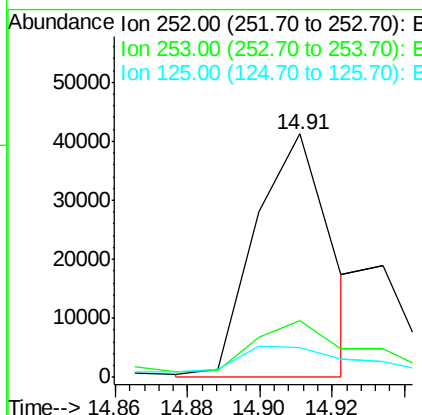
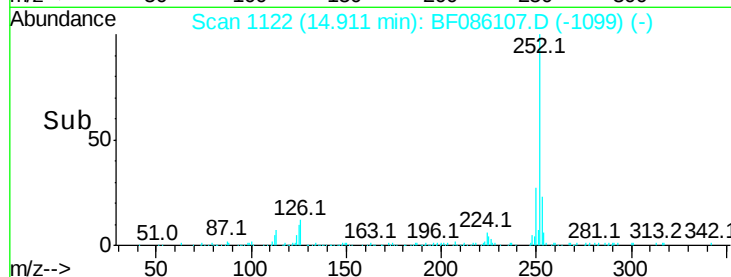
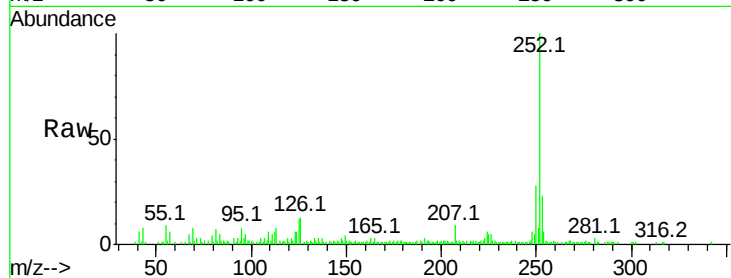
#87
Benzo(b)fluoranthene
Concen: 2.97 ng m
RT: 14.91 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Instrument :
BNA_F
ClientSampled :
SP-17

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	12.4	10.3	15.5

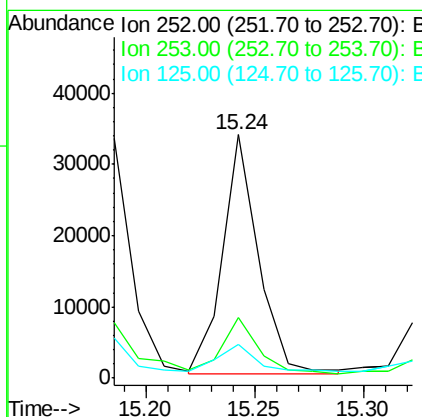
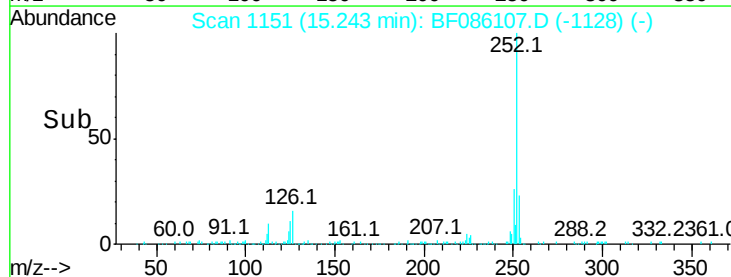
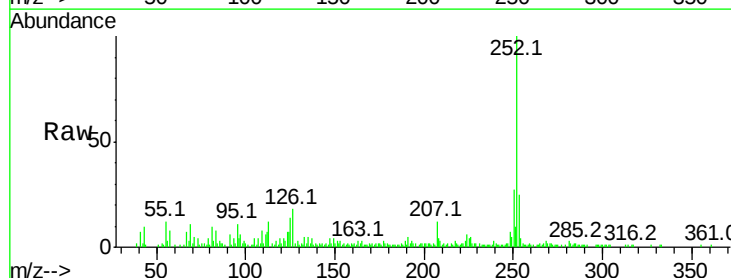
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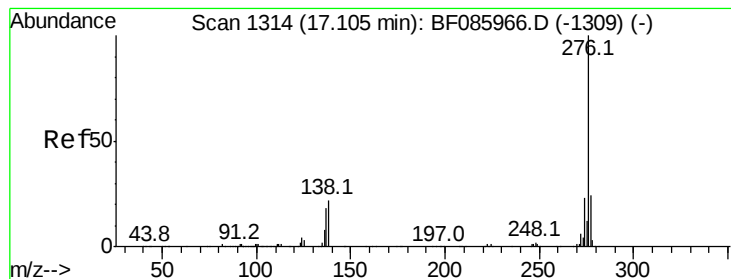
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#89
Benzo(a)pyrene
Concen: 2.12 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.4	26.0
125	13.9	10.3	15.5





#91
 Benzo(a,h,i)perylene
 Concen: 2.04 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.06 min
 Lab File: BF086107.D
 Acq: 6 Apr 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SP-17

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	28.0	22.6	34.0

Manual Integrations
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