

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
 Data File : BF096951.D
 Acq On : 21 Jul 2017 18:34
 Operator : SJ/JU
 Sample : I4302-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7D1213

Manual Integrations
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Sohil
 7/24/2017 3:05:17 PM

Quant Time: Jul 24 12:10:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	117759	20.00	ng	-0.05
21) Naphthalene-d8	7.83	136	481486	20.00	ng	-0.05
38) Acenaphthene-d10	9.58	164	196376	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	272672	20.00	ng	-0.05
75) Chrysene-d12	13.71	240	181749	20.00	ng	-0.02
86) Perylene-d12	15.07	264	165685	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	676345	86.36	ng	-0.05
7) Phenol-d6	6.21	99	801609	85.29	ng	-0.04
23) Nitrobenzene-d5	7.12	82	484409	62.32	ng	-0.05
41) 2,4,6-Tribromophenol	10.37	330	129247	77.11	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	664081	53.43	ng	-0.05
78) Terphenyl-d14	12.67	244	354886m	33.86	ng	-0.02
Target Compounds						
10) Phenol	6.22	94	54773	5.155	ng	94
49) Dimethylphthalate	9.31	163	120484	8.148	ng	100
70) Phenanthrene	11.08	178	51093	3.446	ng	97
74) Fluoranthene	12.27	202	51029	3.596	ng	97
77) Pyrene	12.51	202	44236	2.682	ng	98

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

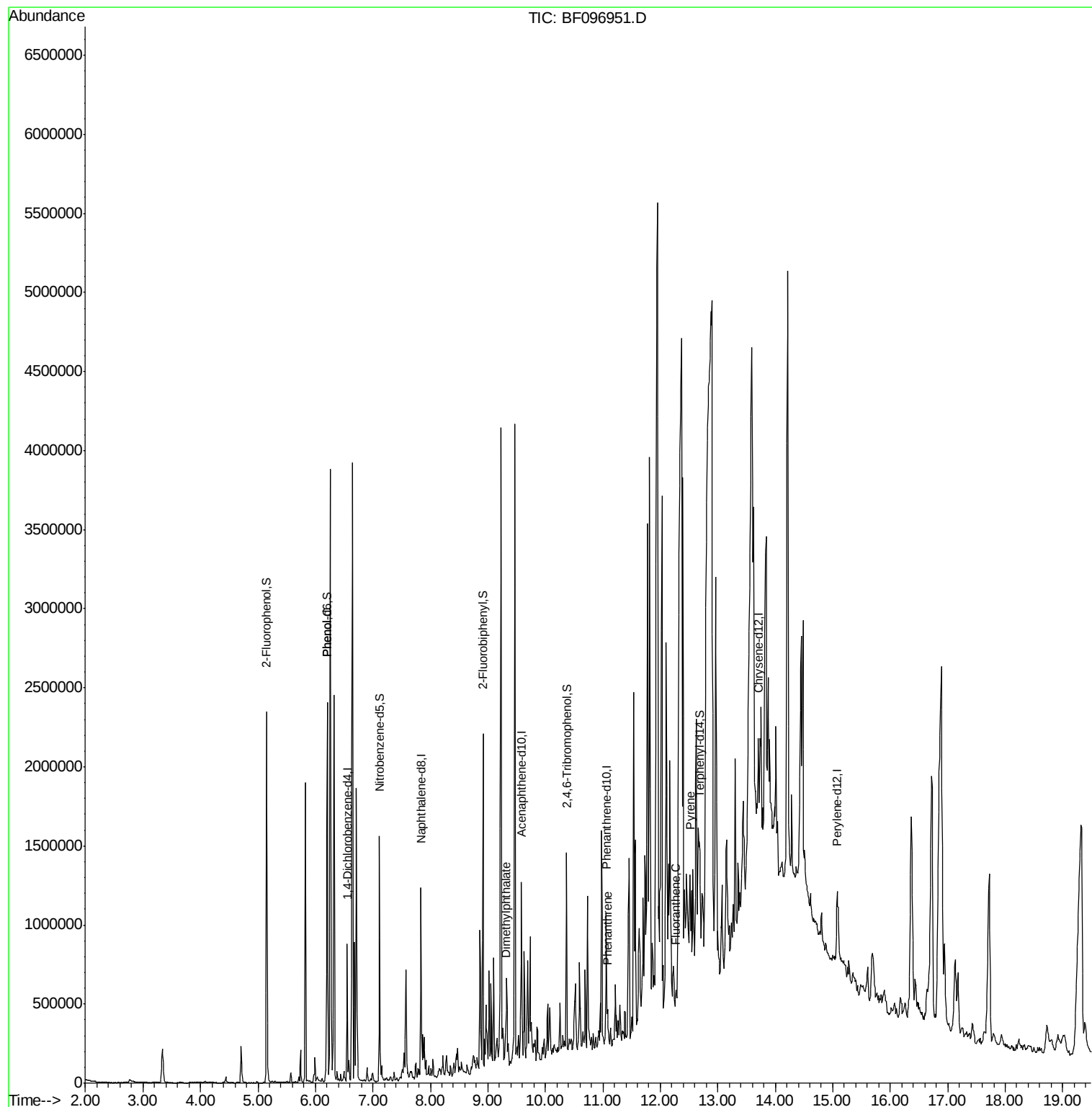
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096951.D
Acq On : 21 Jul 2017 18:34
Operator : SJ/JU
Sample : I4302-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

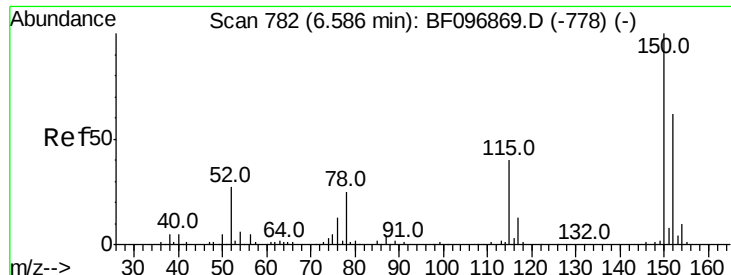
Instrument :
BNA_F
ClientSampleId :
SB-7D1213

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Quant Time: Jul 24 12:10:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration





#1

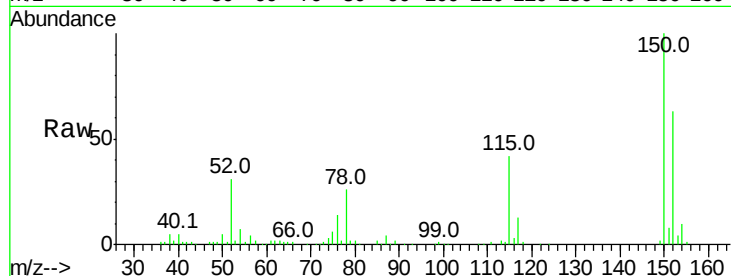
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.55 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF096951.D
Acq: 21 Jul 2017 18:34

Instrument :
BNA_F
ClientSampleId :
SB-7D1213

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.2	189.2
115	66.8	52.2	78.2

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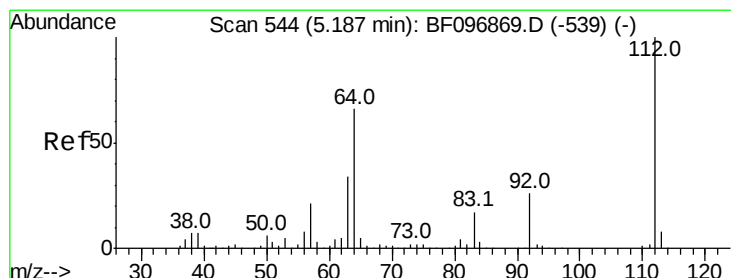
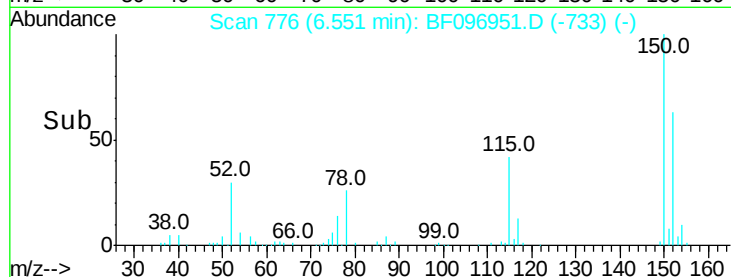
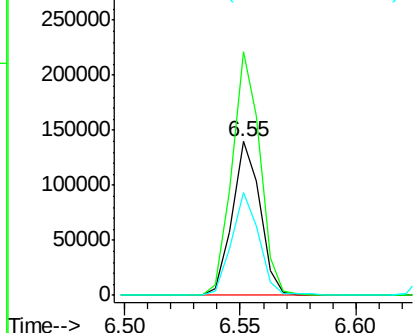


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

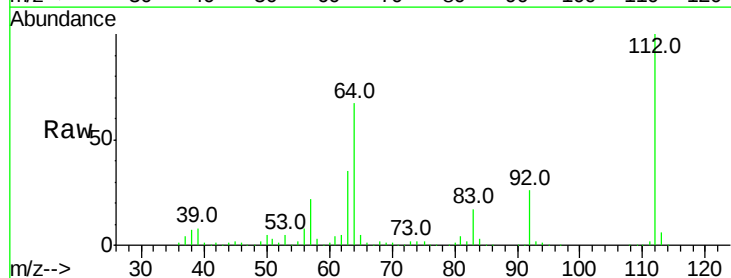
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 86.358 ng
RT: 5.15 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF096951.D
Acq: 21 Jul 2017 18:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	46.0	69.0
63	34.5	23.4	35.0

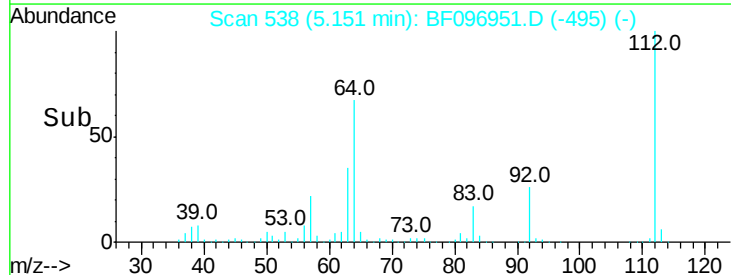
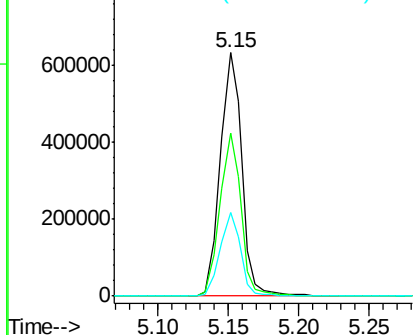


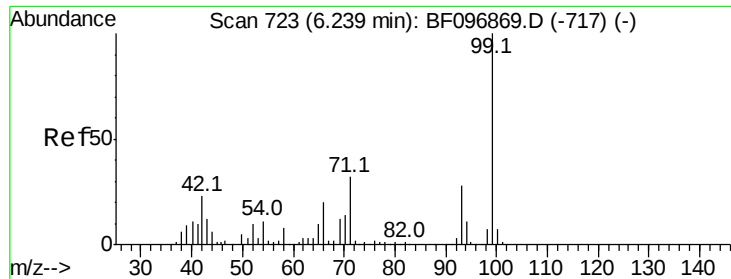
Abundance

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: 85.291 ng

RT: 6.21 min Scan# 718

Delta R.T. -0.04 min

Lab File: BF096951.D

Acq: 21 Jul 2017 18:34

Instrument :

BNA_F

ClientSampled :

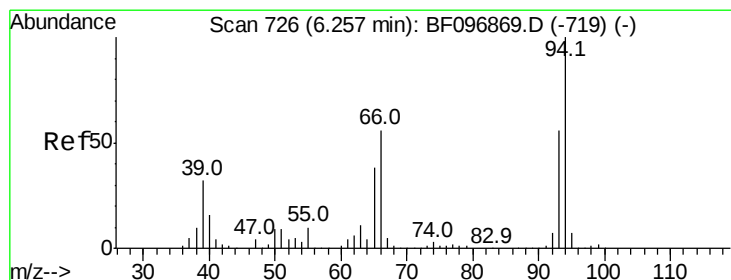
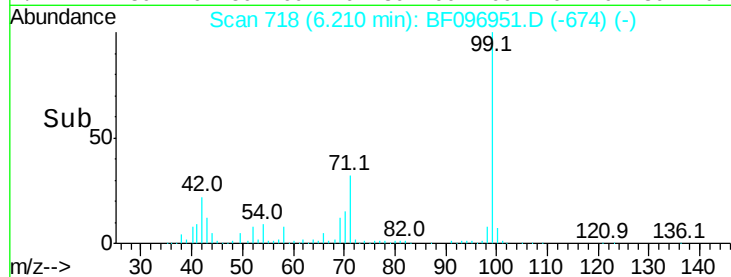
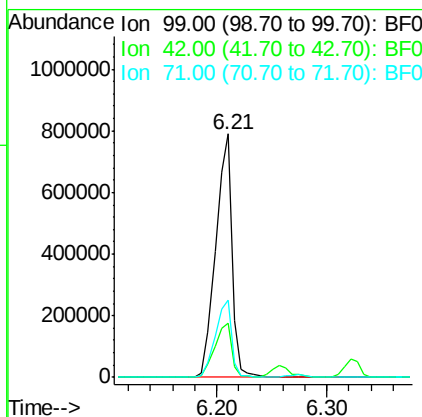
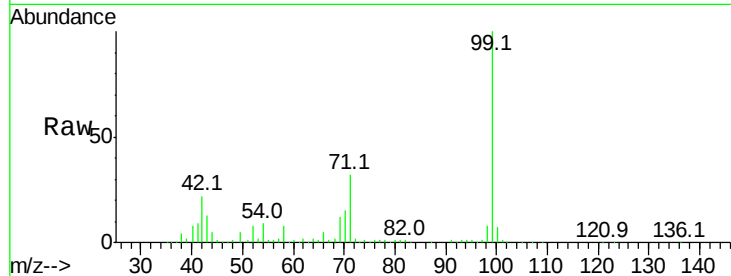
SB-7D1213

Tot Ion:	99	Resp:	801609
Ion Ratio	Lower	Upper	
99	100		
42	22.0	13.5	20.3#
71	31.8	24.5	36.7

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#10

Phenol

Concen: 5.155 ng

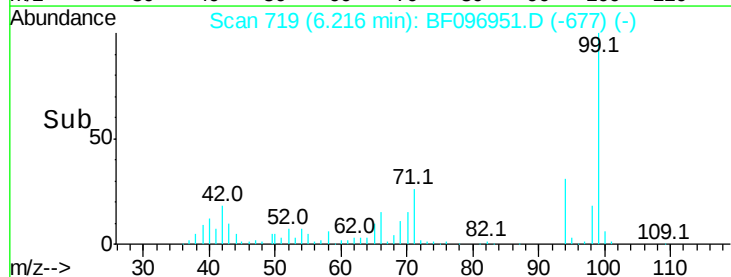
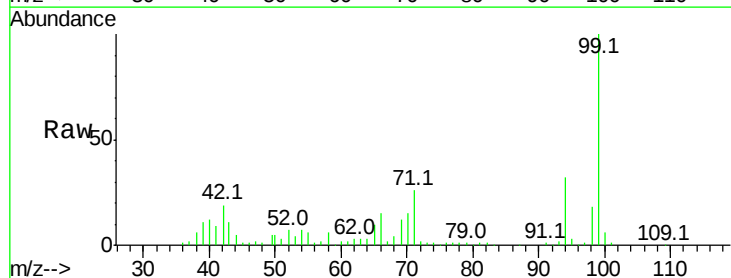
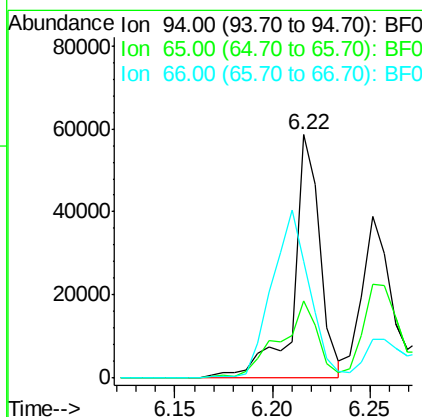
RT: 6.22 min Scan# 719

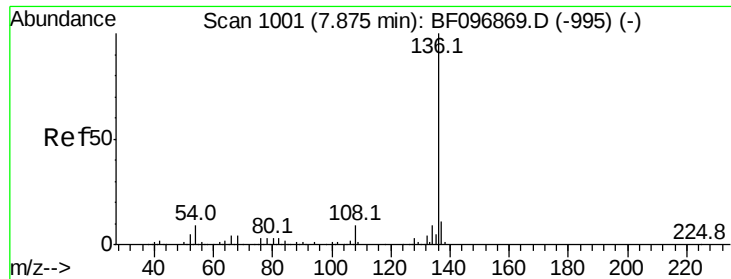
Delta R.T. -0.05 min

Lab File: BF096951.D

Acq: 21 Jul 2017 18:34

Tgt Ion:	94	Resp:	54773
Ion Ratio	Lower	Upper	
94	100		
65	31.5	9.9	49.9
66	47.8	23.1	63.1





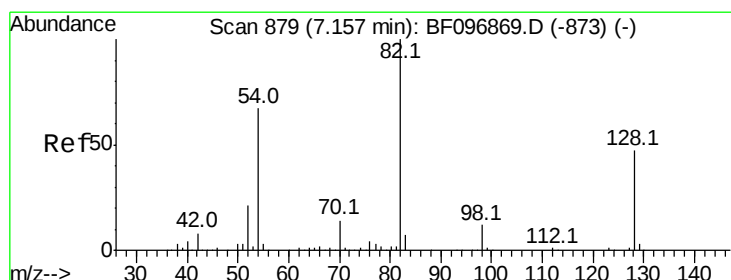
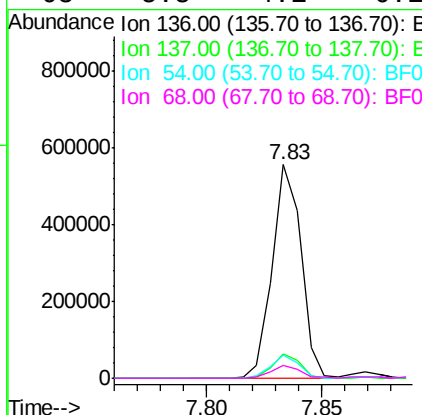
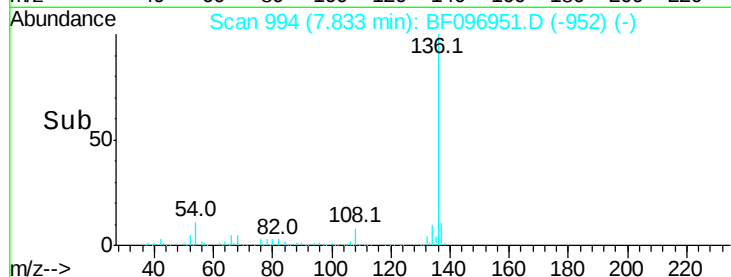
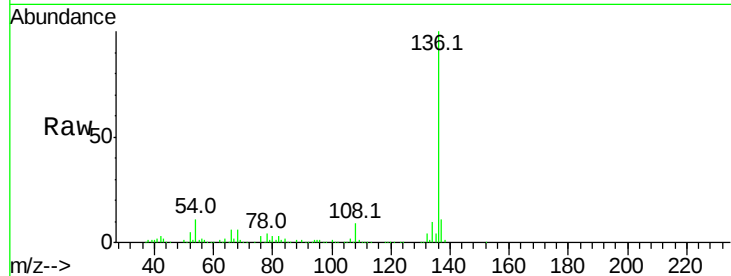
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.83 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF096951.D
Acq: 21 Jul 2017 18:34

Instrument :
BNA_F
ClientSampleId :
SB-7D1213

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.9	4.9	7.3#
68	5.8	4.1	6.1

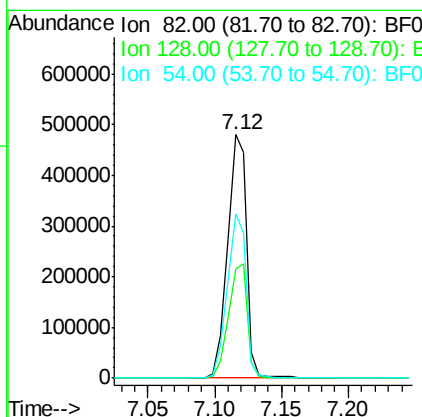
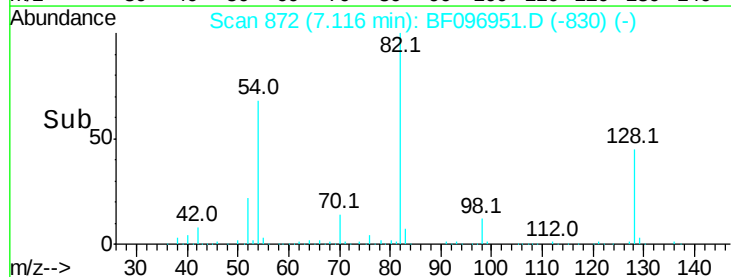
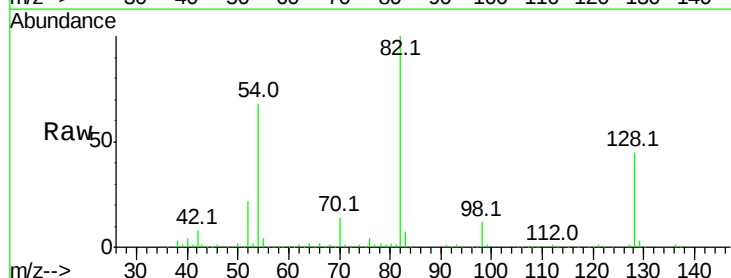
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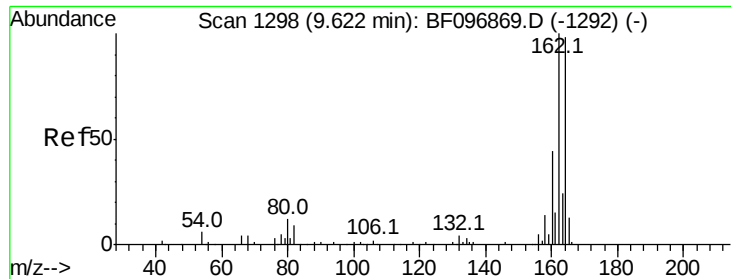
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#23
Nitrobenzene-d5
Concen: 62.317 ng
RT: 7.12 min Scan# 872
Delta R.T. -0.05 min
Lab File: BF096951.D
Acq: 21 Jul 2017 18:34

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	44.7	34.0	51.0
54	67.7	42.2	63.2#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.58 min Scan# 1291

Delta R.T. -0.05 min

Lab File: BF096951.D

Acq: 21 Jul 2017 18:34

Instrument :

BNA_F

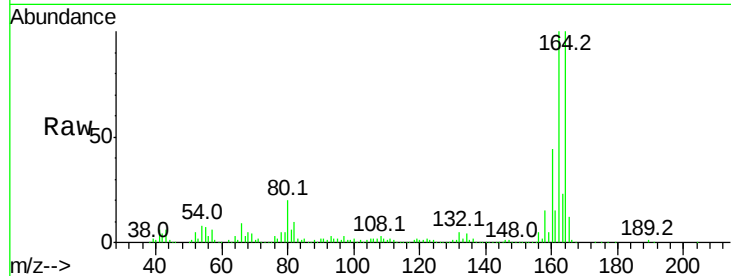
ClientSampleId :

SB-7D1213

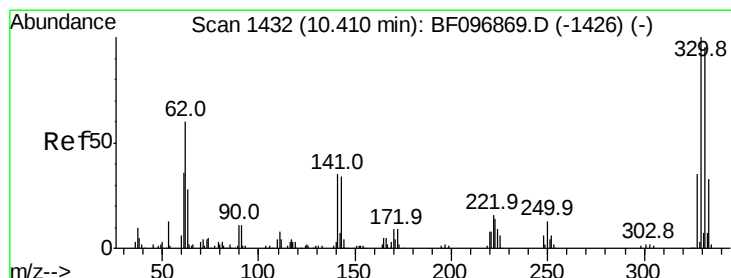
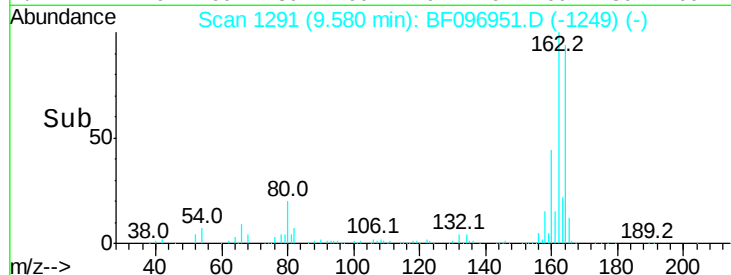
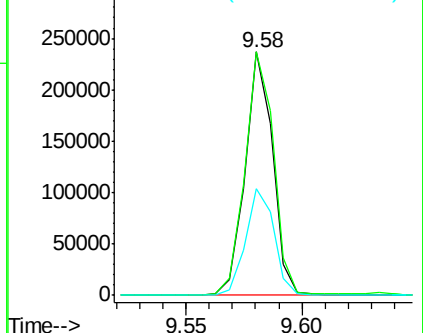
Tot Ion:	164	Resp:	196376
Ion Ratio	Lower	Upper	
164	100		
162	100.0	82.6	123.8
160	43.7	36.2	54.2

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



#41

2,4,6-Tribromophenol

Concen: 77.105 ng

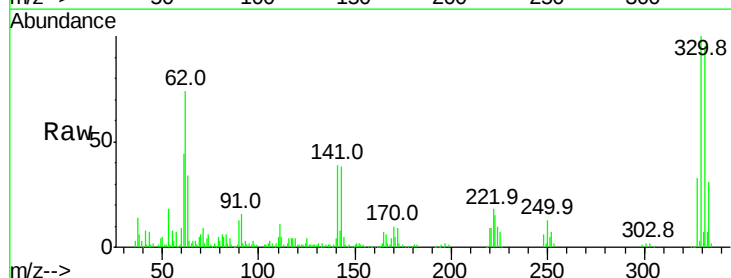
RT: 10.37 min Scan# 1425

Delta R.T. -0.05 min

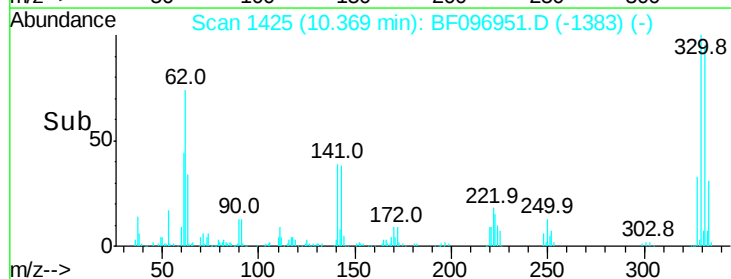
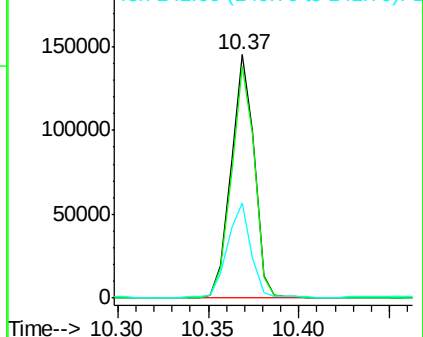
Lab File: BF096951.D

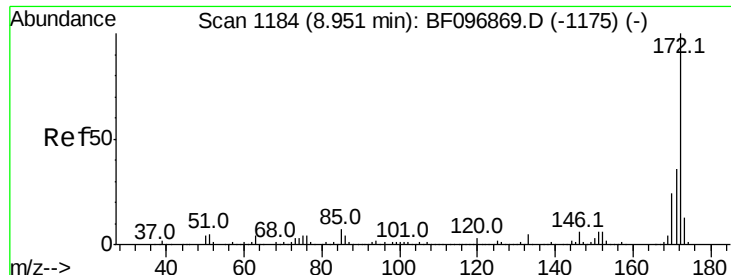
Acq: 21 Jul 2017 18:34

Tgt Ion:	330	Resp:	129247
Ion Ratio	Lower	Upper	
330	100		
332	94.9	76.6	115.0
141	38.8	31.4	47.2



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





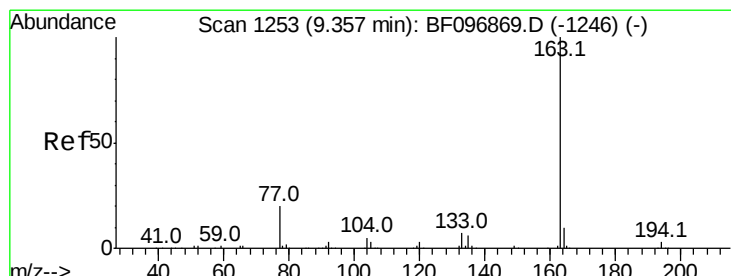
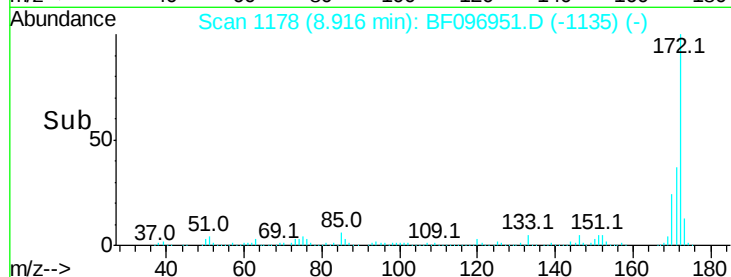
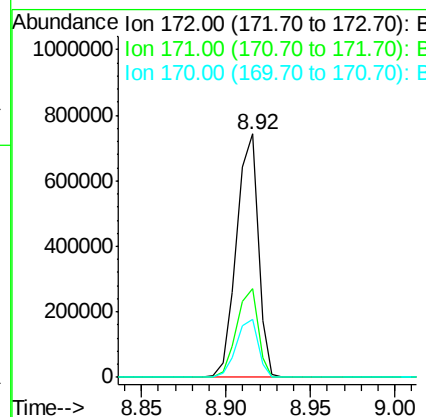
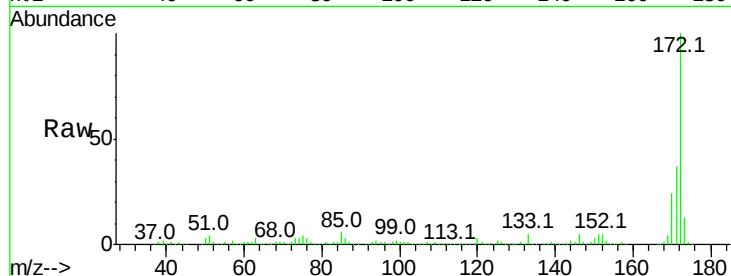
#44
2-Fluorobiphenyl
Concen: 53.428 ng
RT: 8.92 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BF096951.D
Acq: 21 Jul 2017 18:34

Instrument :
BNA_F
ClientSampleId :
SB-7D1213

Tot Ion	Ratio	Resp	Lower	Upper
172	100	664081		
171	36.5		29.6	44.4
170	24.0		19.8	29.8

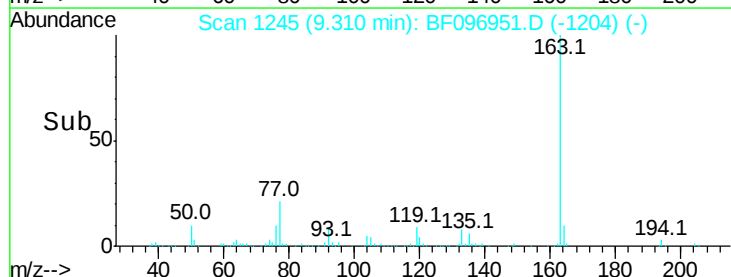
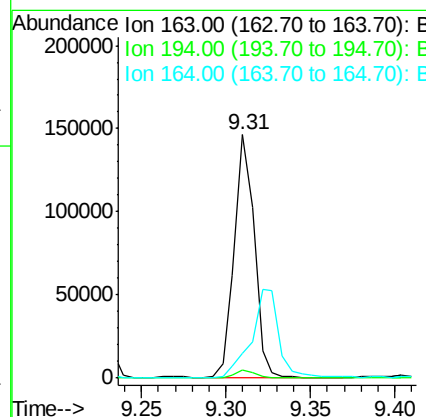
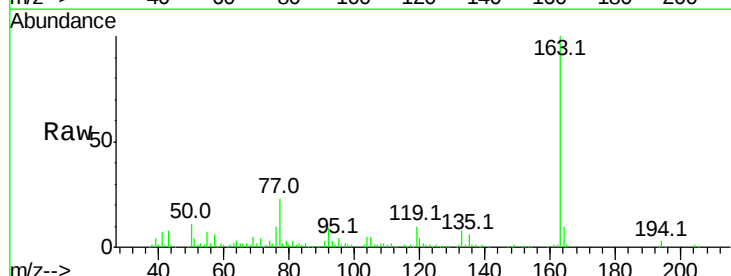
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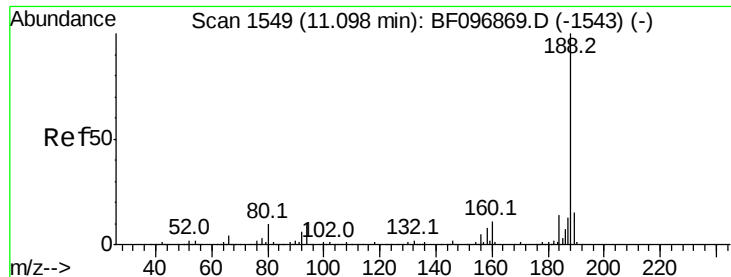
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#49
Dimethylphthalate
Concen: 8.148 ng
RT: 9.31 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BF096951.D
Acq: 21 Jul 2017 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	120484		
194	3.4		2.6	4.0
164	10.4		8.4	12.6





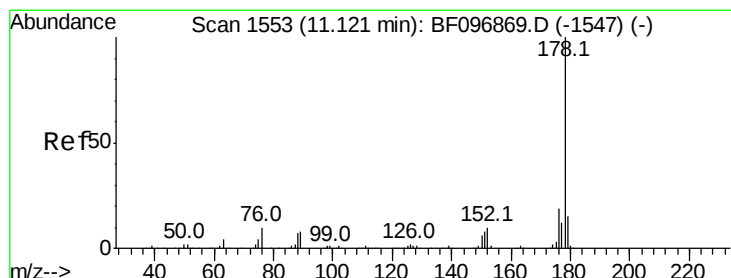
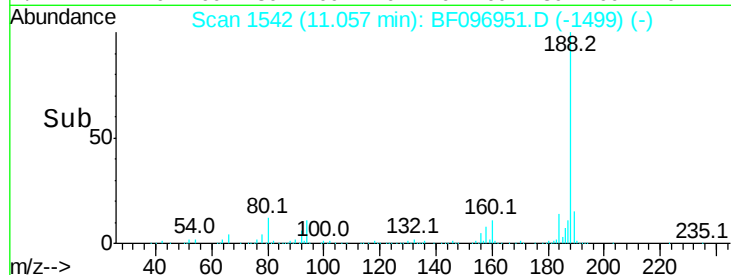
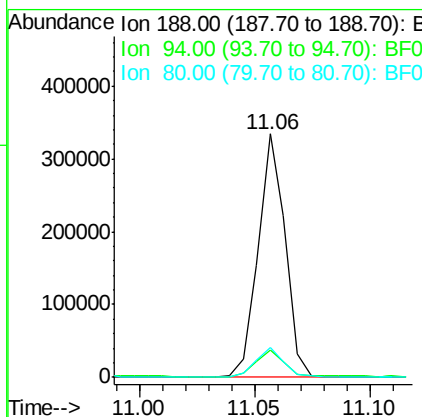
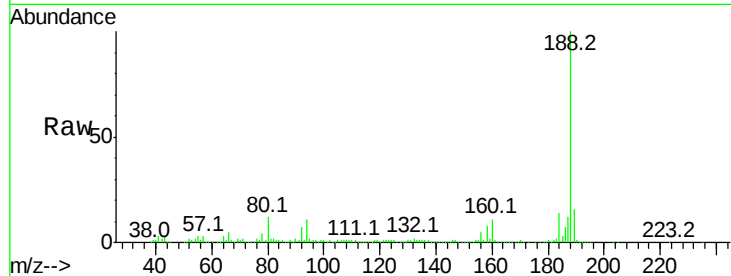
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.06 min Scan# 1542
Delta R.T. -0.05 min
Lab File: BF096951.D
Acq: 21 Jul 2017 18:34

Instrument :
BNA_F
ClientSampleId :
SB-7D1213

Tot Ion	Ratio	Resp	Lower	Upper
188	100	272672		
94	11.4		9.4	14.2
80	12.2		10.2	15.2

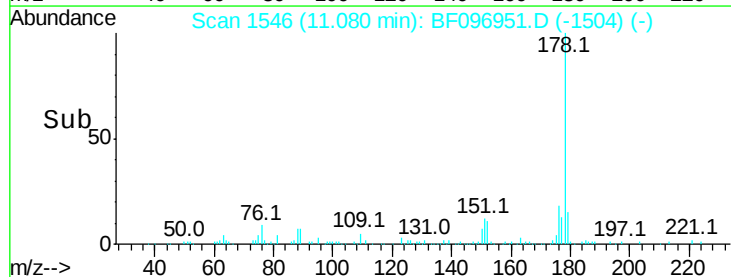
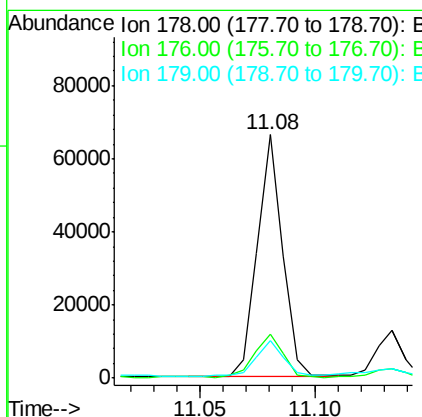
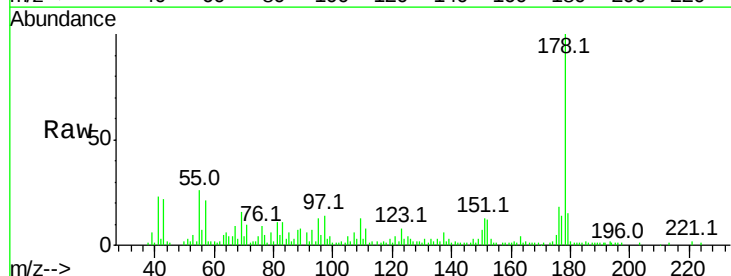
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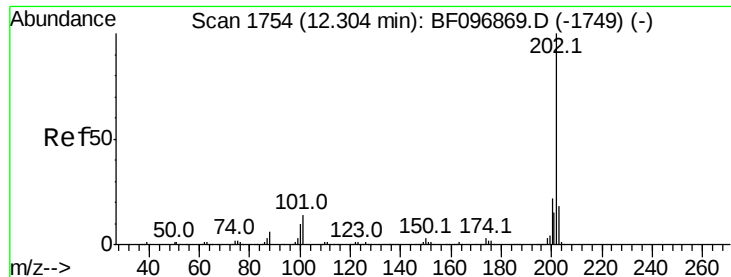
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#70
Phenanthrene
Concen: 3.446 ng
RT: 11.08 min Scan# 1546
Delta R.T. -0.05 min
Lab File: BF096951.D
Acq: 21 Jul 2017 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	51093		
176	17.9		16.2	24.4
179	15.4		12.6	19.0





#74

Fluoranthene

Concen: 3.596 ng

RT: 12.27 min Scan# 1749

Delta R.T. -0.04 min

Lab File: BF096951.D

Acq: 21 Jul 2017 18:34

Instrument :

BNA_F

ClientSampleId :

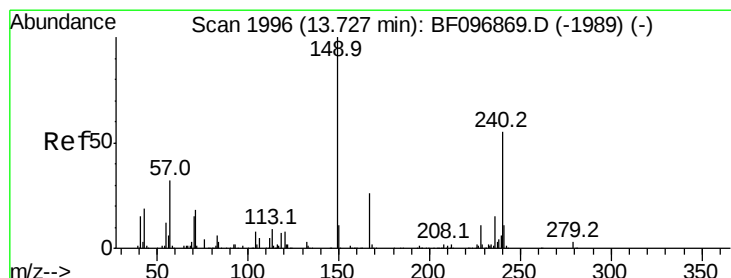
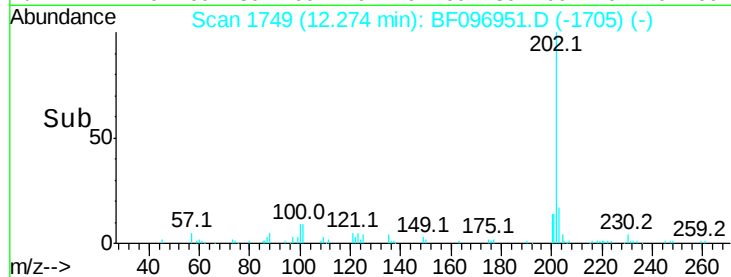
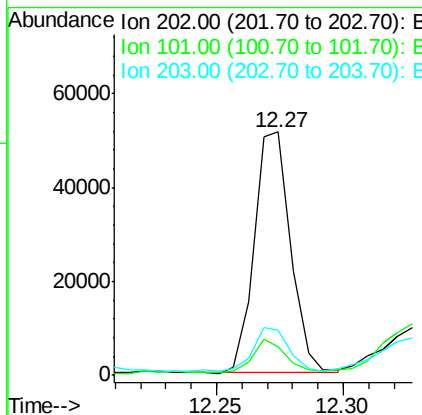
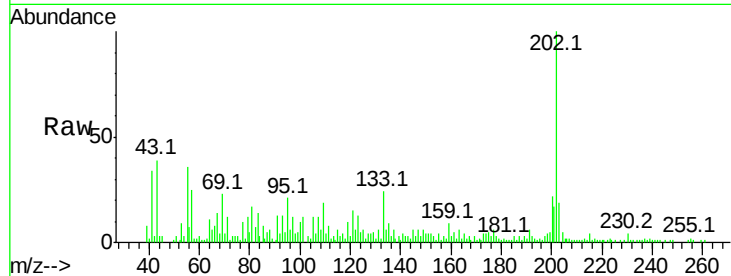
SB-7D1213

Tot Ion	Ratio	Resp	Lower	Upper
202	100	51029		
101	11.6	0.0	33.2	
203	18.7	0.0	38.1	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

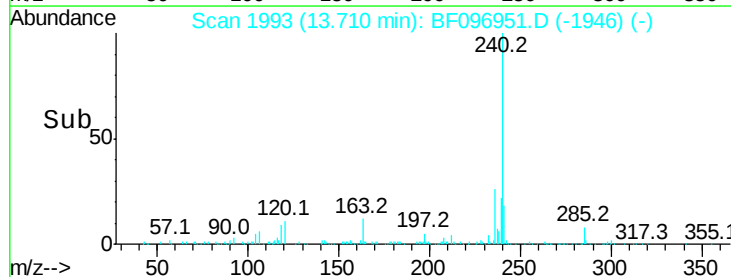
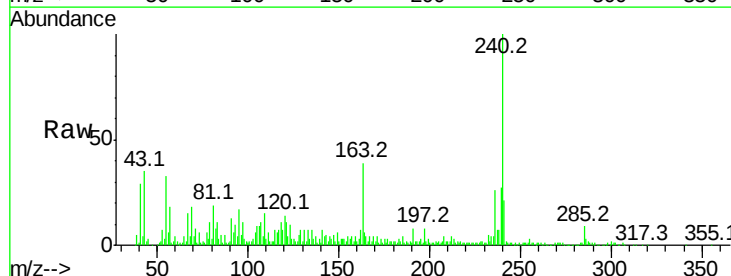
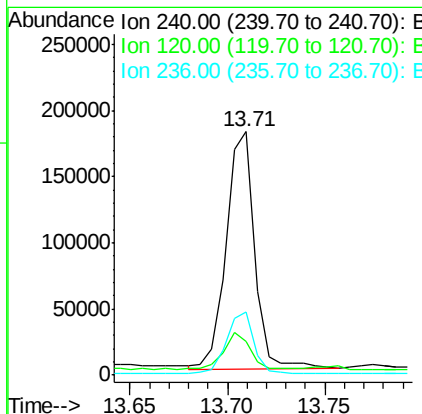
RT: 13.71 min Scan# 1993

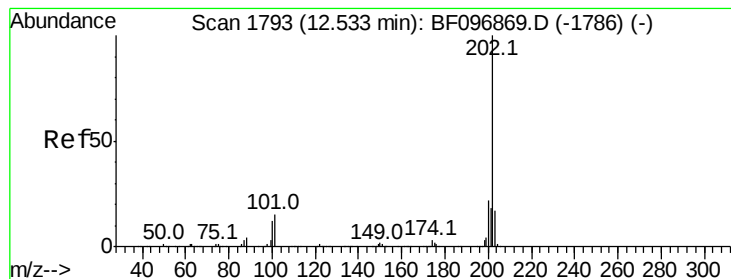
Delta R.T. -0.02 min

Lab File: BF096951.D

Acq: 21 Jul 2017 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	181749		
120	14.0	5.8	8.8#	
236	25.9	20.5	30.7	





#77

Pvrene

Concen: 2.682 ng

RT: 12.51 min Scan# 1789

Delta R.T. -0.03 min

Lab File: BF096951.D

Acq: 21 Jul 2017 18:34

Instrument :

BNA_F

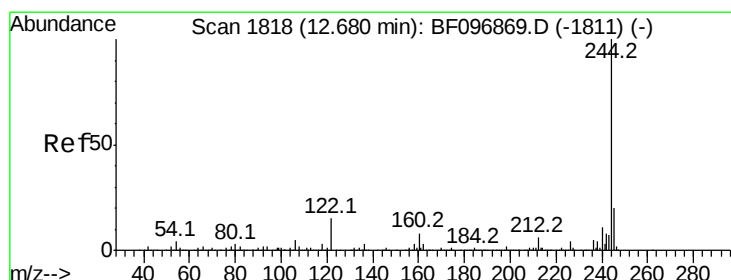
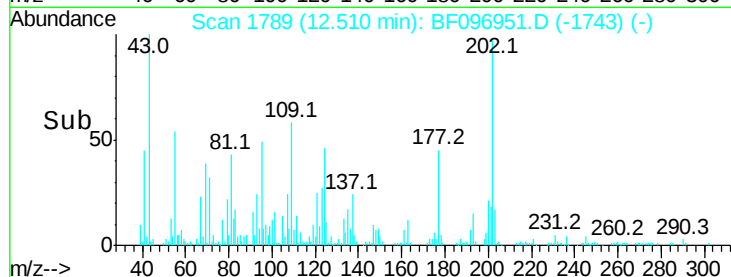
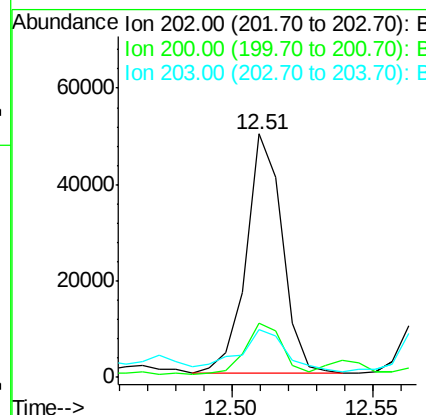
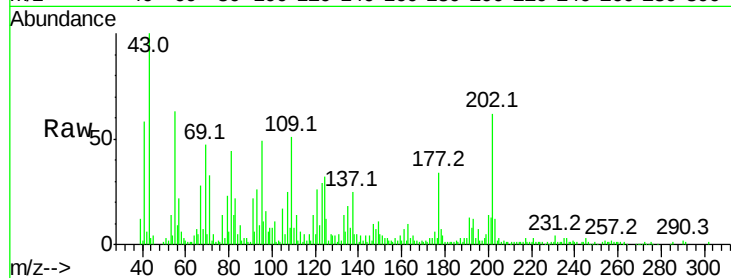
ClientSampled :

SB-7D1213

Tot Ion:	202	Resp:	44236
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.6	26.4
203	19.6	14.4	21.6

Manual Integrations
APPROVED

Sohil
7/24/2017 3:05:17 PM



#78

Terphenyl-d14

Concen: 33.863 ng m

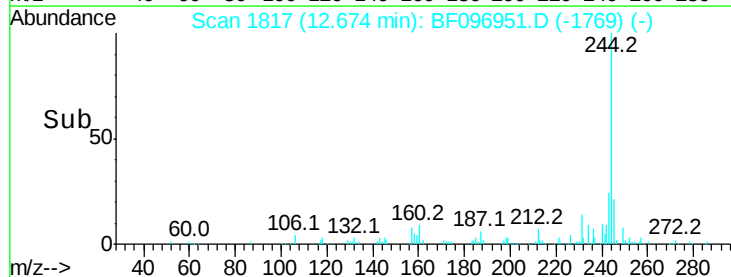
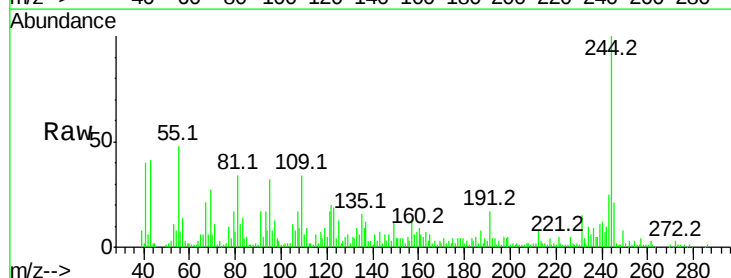
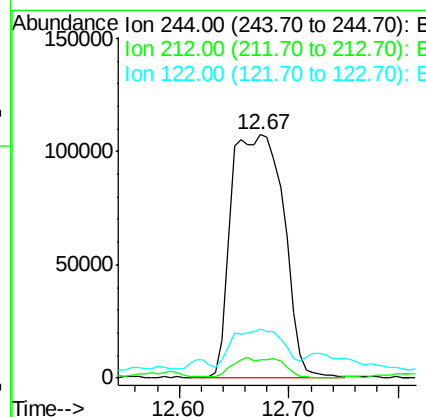
RT: 12.67 min Scan# 1817

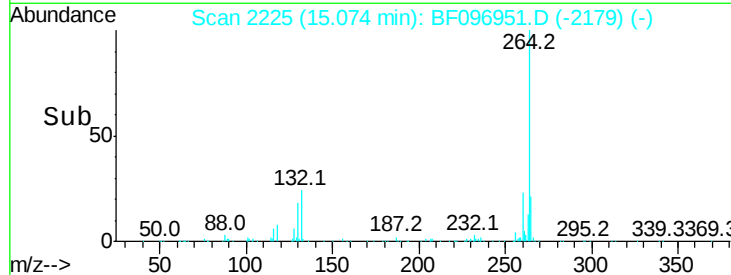
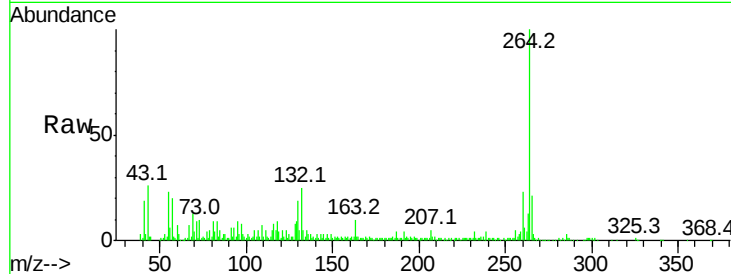
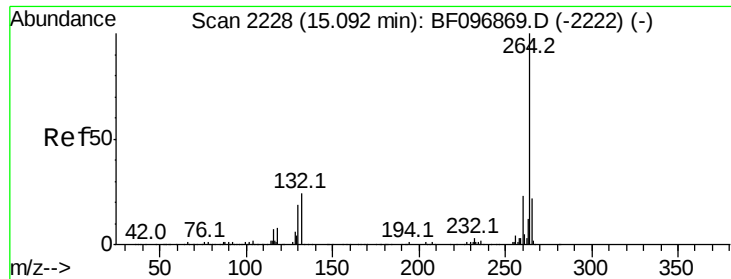
Delta R.T. -0.02 min

Lab File: BF096951.D

Acq: 21 Jul 2017 18:34

Tgt Ion:	244	Resp:	354886
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.0	9.0
122	20.4	10.3	15.5#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.07 min Scan# 2225
Delta R.T. -0.03 min
Lab File: BF096951.D
Acq: 21 Jul 2017 18:34

Instrument :
BNA_F
ClientSampleId :
SB-7D1213

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.0	17.2	25.8

Manual Integrations
APPROVED

Sohil
7/24/2017 3:05:17 PM

