

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097689.D
 Acq On : 15 Aug 2017 14:21
 Operator : SJ/JU
 Sample : I4705-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-B-COMP

Manual Integrations
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Sohil
 8/16/2017 6:45:14 PM

Quant Time: Aug 15 15:28:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	130264	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	525004	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	237630	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	467775	20.00	ng	0.00
75) Chrysene-d12	13.93	240	337766	20.00	ng	0.00
86) Perylene-d12	15.36	264	260038	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	856803	100.05	ng	0.00
7) Phenol-d6	6.41	99	1173993	100.89	ng	0.00
23) Nitrobenzene-d5	7.35	82	703111	72.75	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	221974	107.66	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	975940	60.34	ng	0.00
78) Terphenyl-d14	12.89	244	905582	55.91	ng	0.00
Target Compounds						
10) Phenol	6.42	94	34870	2.562	ng	Qvalue # 75
49) Dimethylphthalate	9.53	163	249437	14.360	ng	100
74) Fluoranthene	12.50	202	61993	2.383	ng	98
82) Chrysene	13.96	228	41998	2.086	ng	96
85) Indeno(1,2,3-cd)pyrene	16.74	276	38328m	2.587	ng	
87) Benzo(b)fluoranthene	14.95	252	131599m	8.029	ng	
89) Benzo(a)pyrene	15.30	252	65199	4.493	ng	99
91) Benzo(g,h,i)perylene	17.16	276	31650	2.568	ng	# 90

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

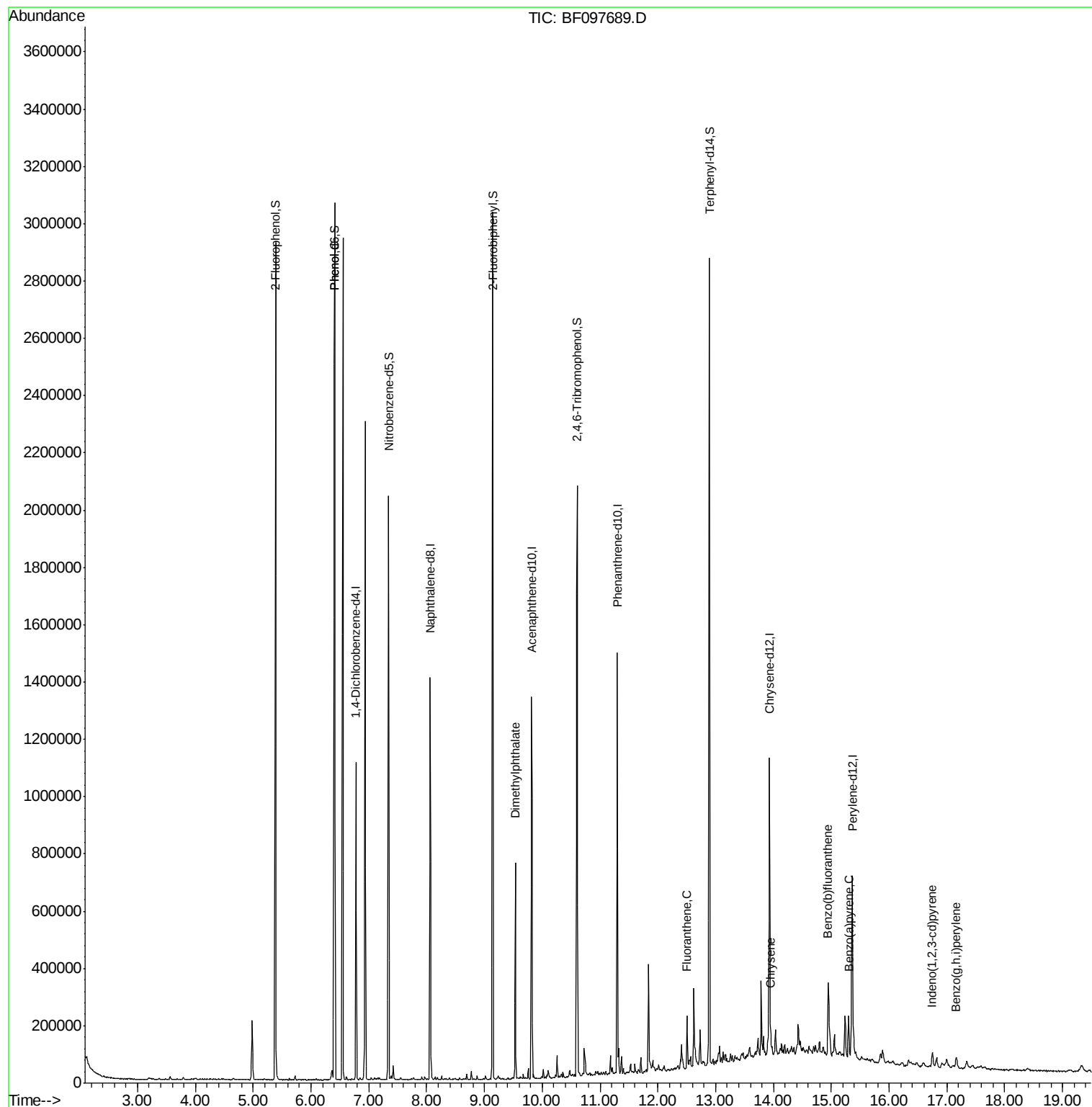
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097689.D
Acq On : 15 Aug 2017 14:21
Operator : SJ/JU
Sample : I4705-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

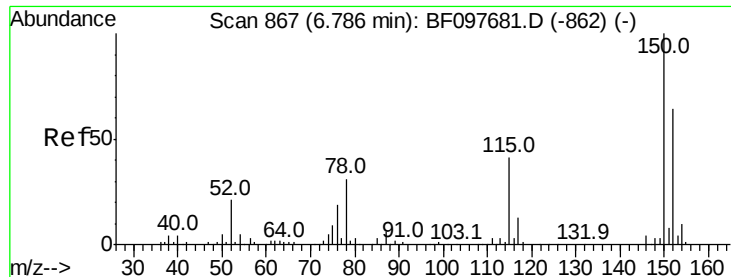
Instrument :
BNA_F
ClientSampleId :
SP-B-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

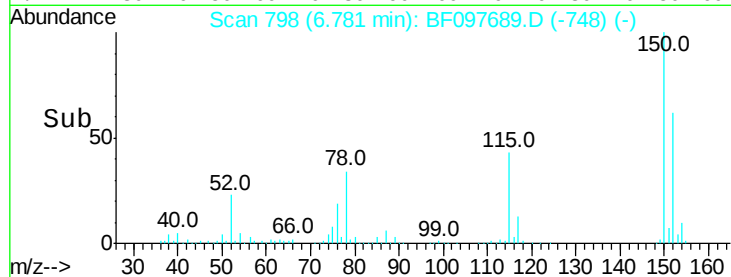
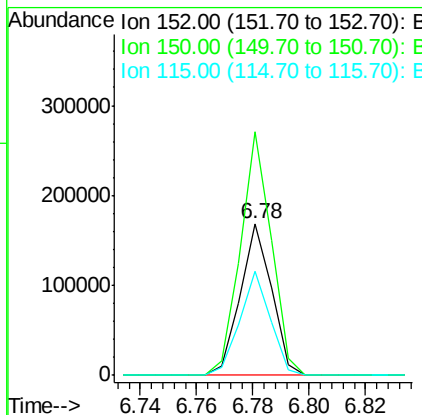
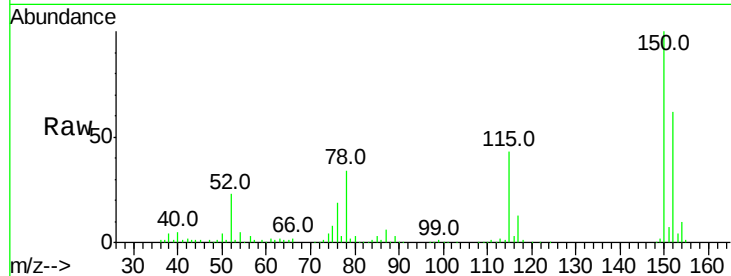
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097689.D
Acq: 15 Aug 2017 14:21

Instrument :
BNA_F
ClientSampleId :
SP-B-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	126.2	189.2
115	68.5	52.2	78.2

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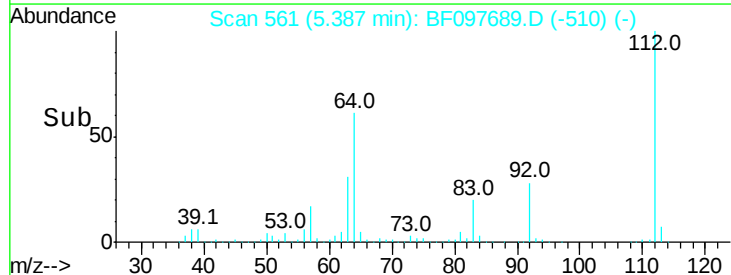
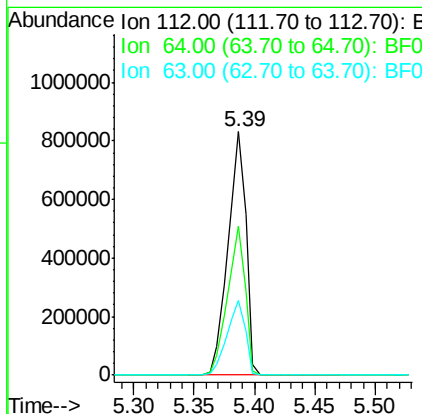
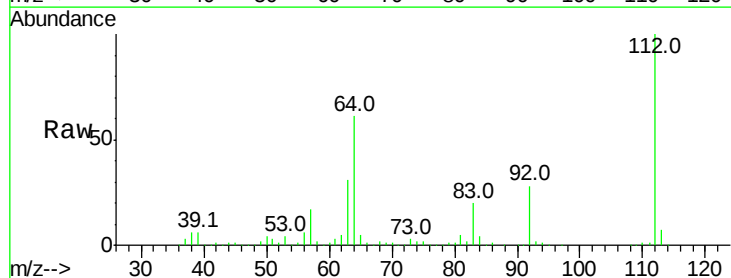
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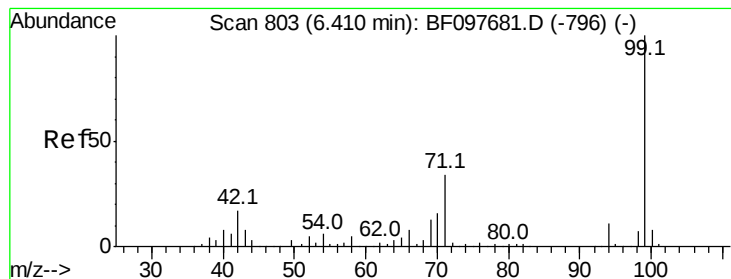


#5

2-Fluorophenol
Concen: 100.048 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF097689.D
Acq: 15 Aug 2017 14:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	46.0	69.0
63	30.9	23.4	35.0





#7

Phenol-d6

Concen: 100.894 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097689.D

Acq: 15 Aug 2017 14:21

Instrument :

BNA_F

ClientSampleId :

SP-B-COMP

Tot Ion: 99 Resp: 1173993

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

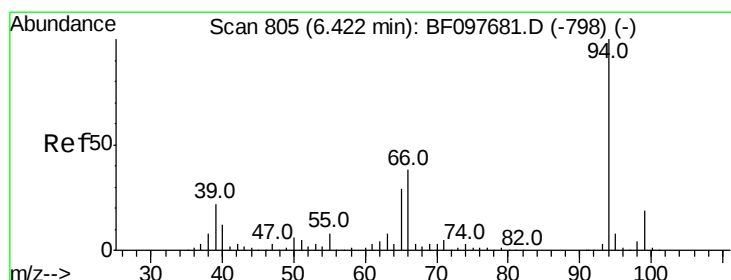
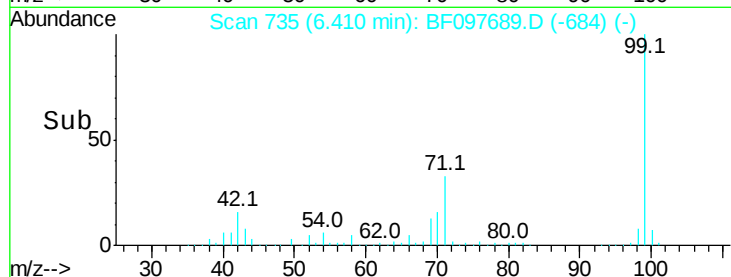
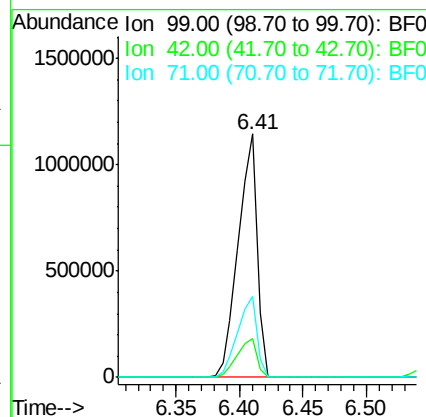
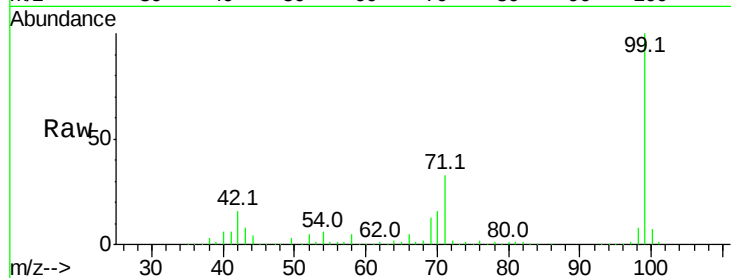
71 33.4 24.5 36.7

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#10

Phenol

Concen: 2.562 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF097689.D

Acq: 15 Aug 2017 14:21

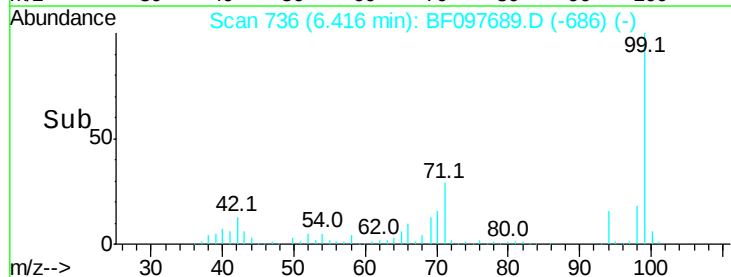
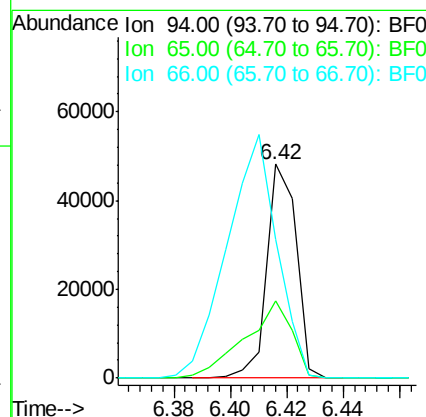
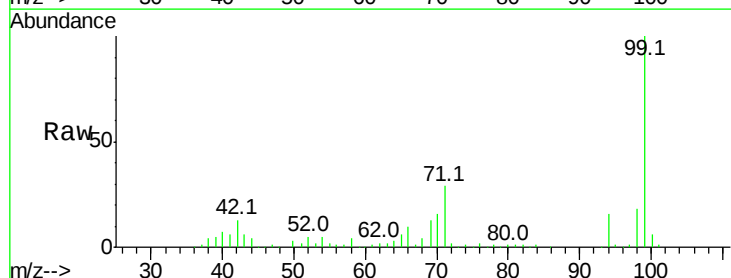
Tgt Ion: 94 Resp: 34870

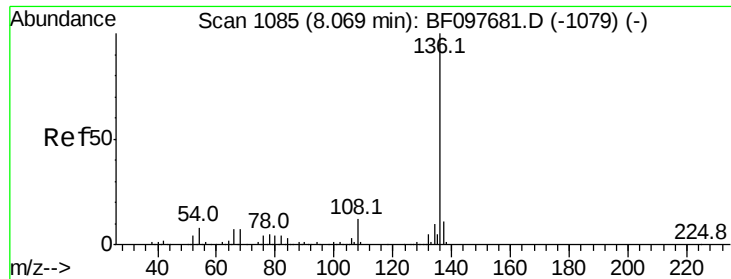
Ion Ratio Lower Upper

94 100

65 36.0 9.9 49.9

66 64.9 23.1 63.1#





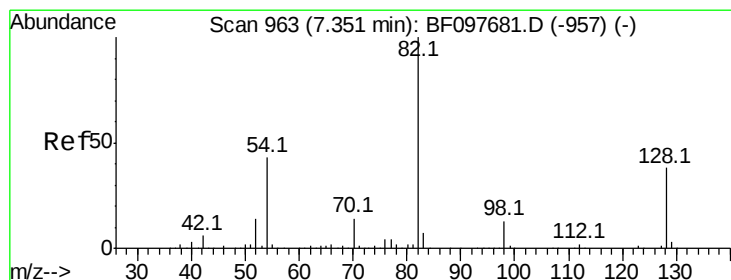
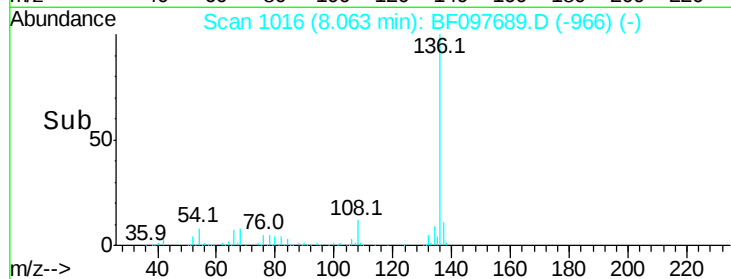
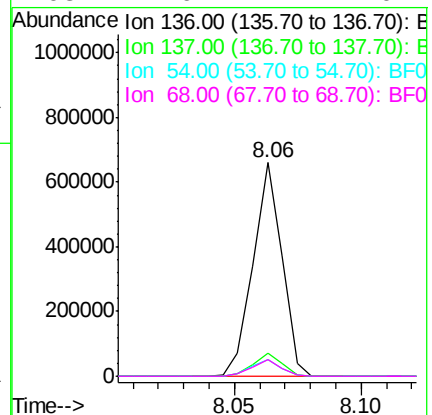
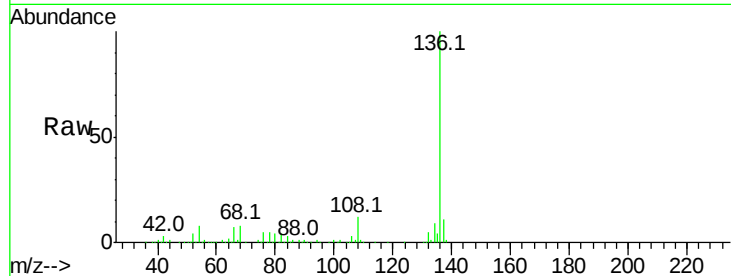
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF097689.D
Acq: 15 Aug 2017 14:21

Instrument :
BNA_F
ClientSampleId :
SP-B-COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	7.8	4.9	7.3#	
68	7.6	4.1	6.1#	

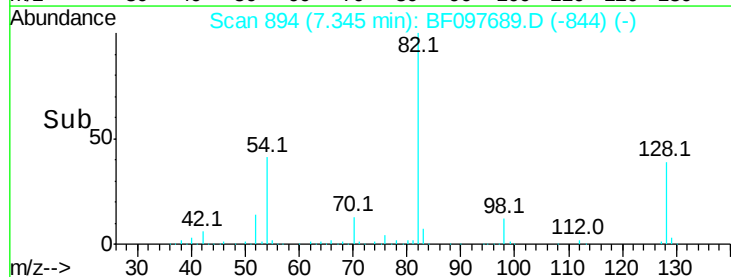
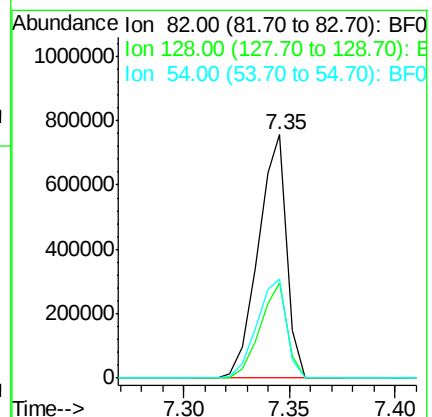
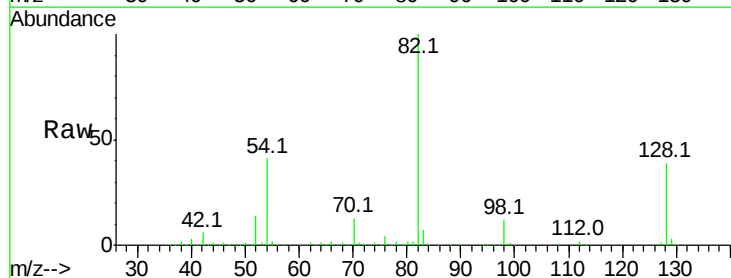
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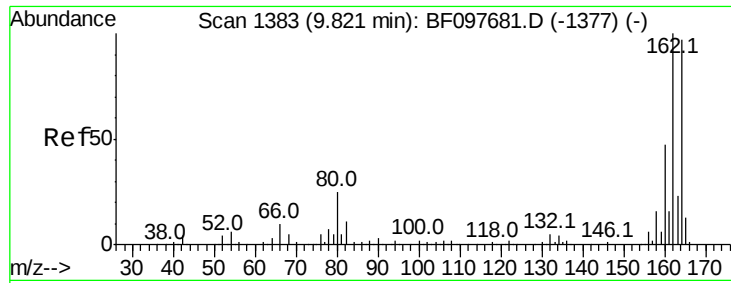
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#23
Nitrobenzene-d5
Concen: 72.754 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097689.D
Acq: 15 Aug 2017 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.2	34.0	51.0	
54	40.9	42.2	63.2#	





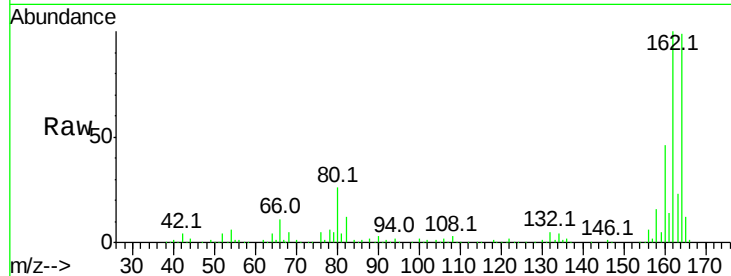
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF097689.D
 Acq: 15 Aug 2017 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SP-B-COMP

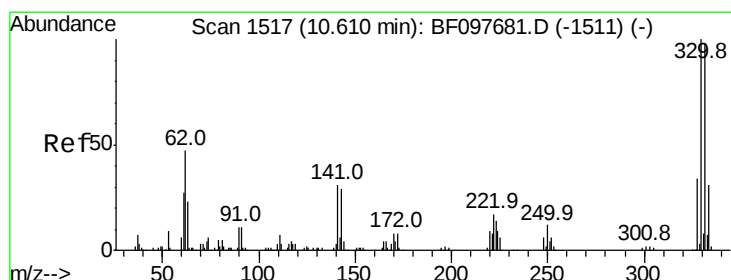
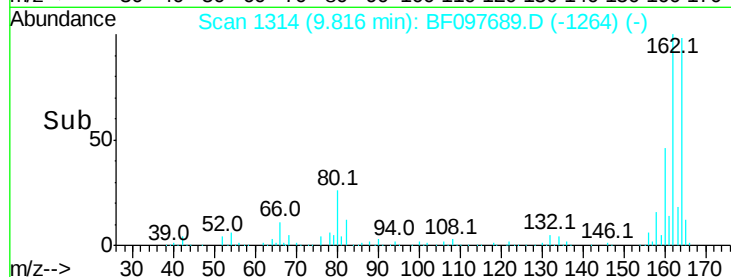
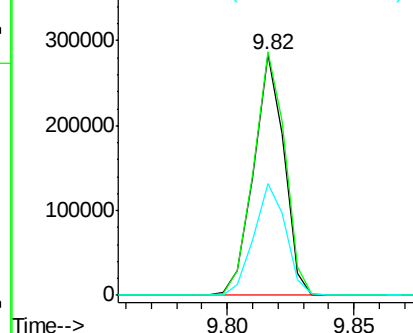
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	82.6	123.8	
160	46.6	36.2	54.2	

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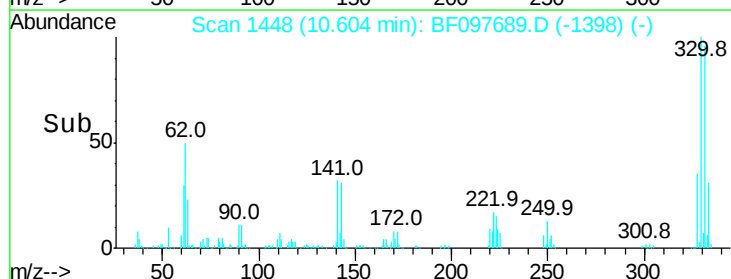
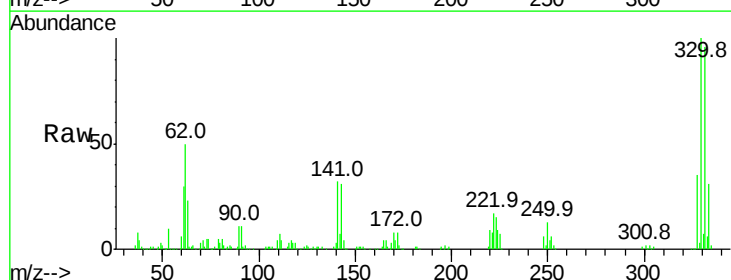
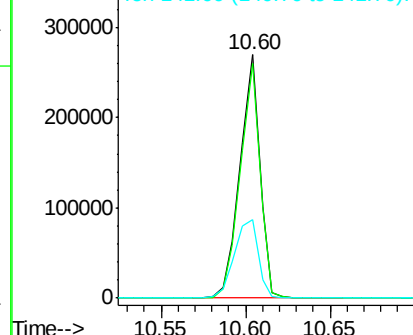
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

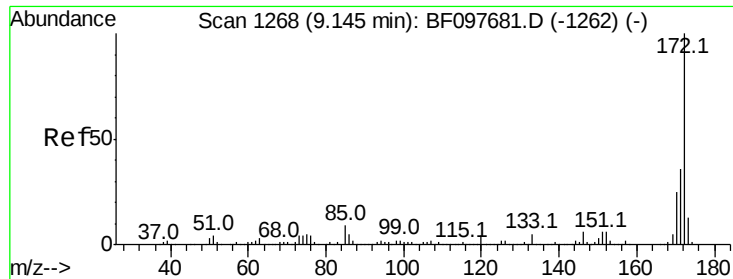


#41
 2,4,6-Tribromophenol
 Concen: 107.659 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF097689.D
 Acq: 15 Aug 2017 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	76.6	115.0	
141	38.6	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





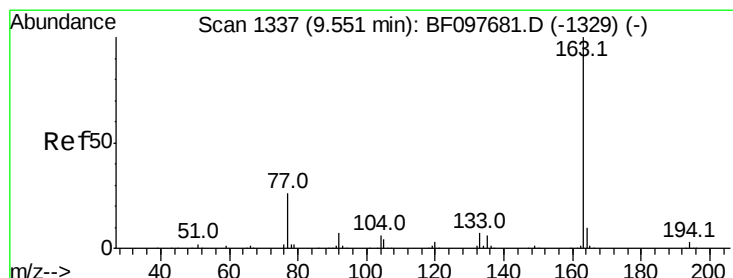
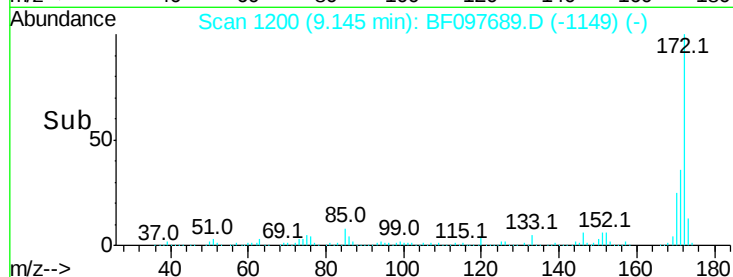
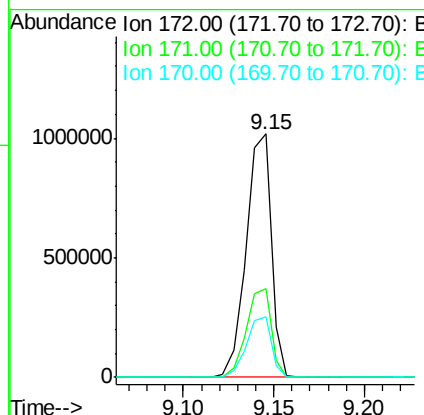
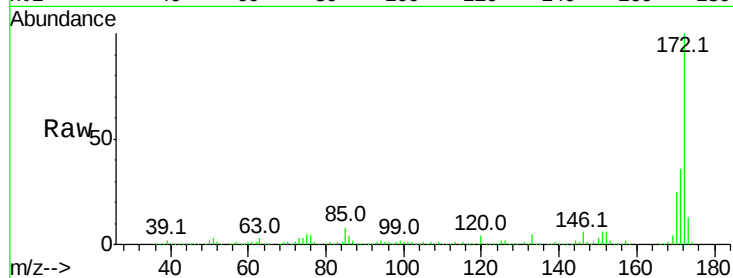
#44
 2-Fluorobiphenyl
 Concen: 60.340 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF097689.D
 Acq: 15 Aug 2017 14:21

Instrument :
 BNA_F
 ClientSampled :
 SP-B-COMP

Tot Ion	Ratio	Resp	Lower	Upper
172	100	975940		
171	36.2		29.6	44.4
170	24.8		19.8	29.8

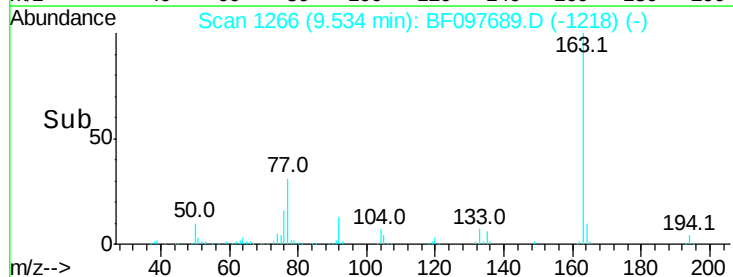
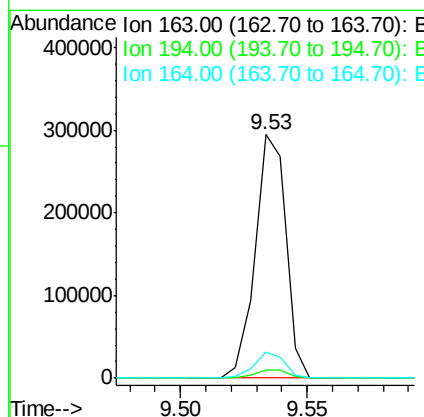
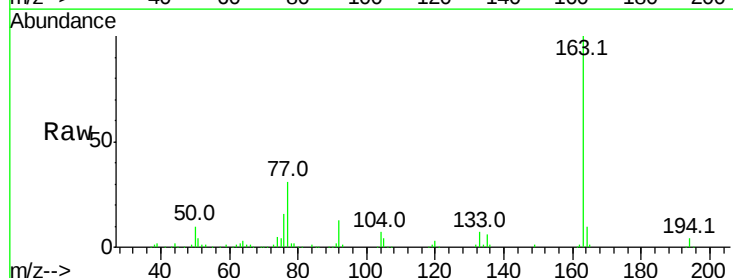
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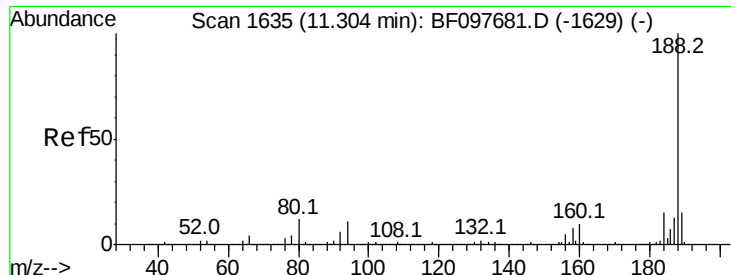
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#49
 Dimethylphthalate
 Concen: 14.360 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: BF097689.D
 Acq: 15 Aug 2017 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	249437		
194	3.5		2.6	4.0
164	10.5		8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF097689.D

Acq: 15 Aug 2017 14:21

Instrument :

BNA_F

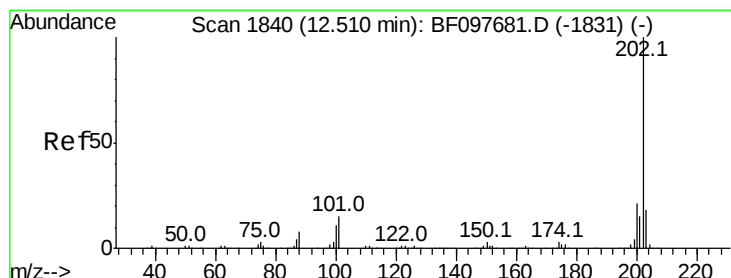
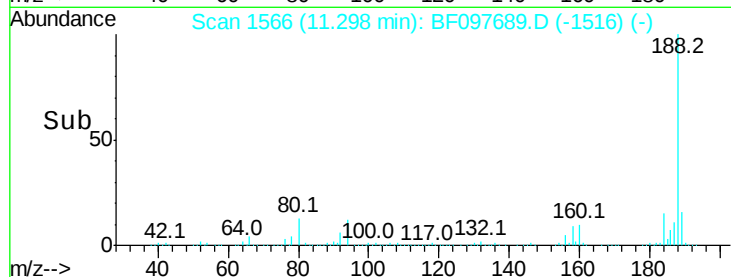
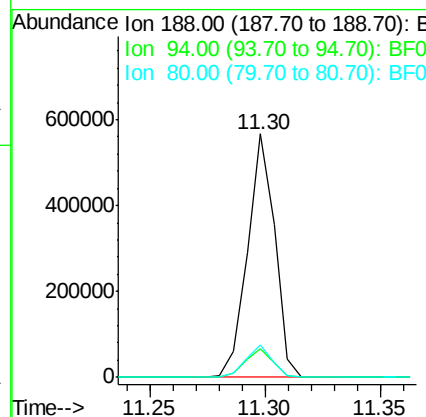
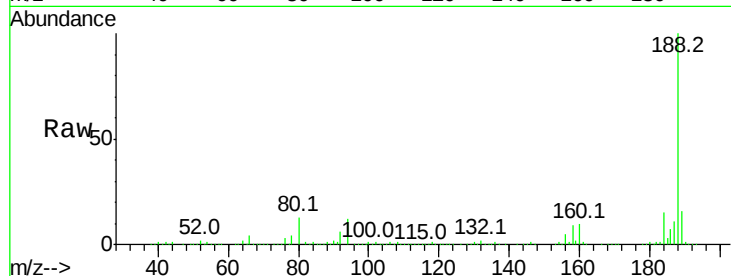
ClientSampleId :

SP-B-COMP

Tot Ion:	188	Resp:	467775
Ion Ratio	Lower	Upper	
188	100		
94	11.9	9.4	14.2
80	13.1	10.2	15.2

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#74

Fluoranthene

Concen: 2.383 ng

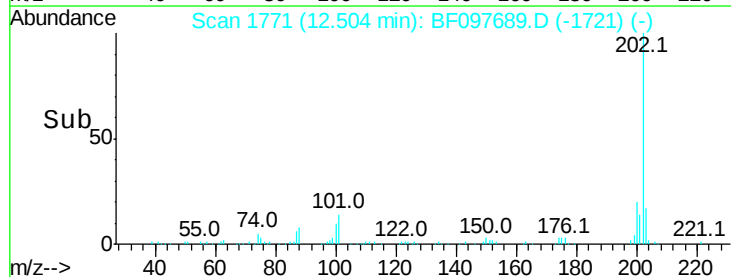
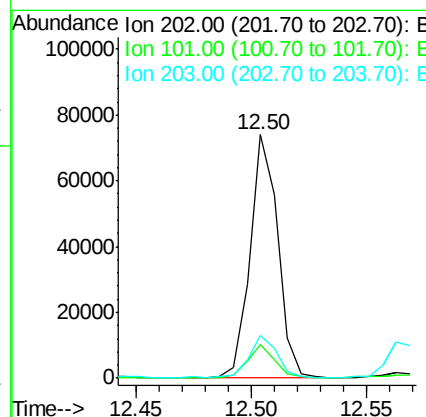
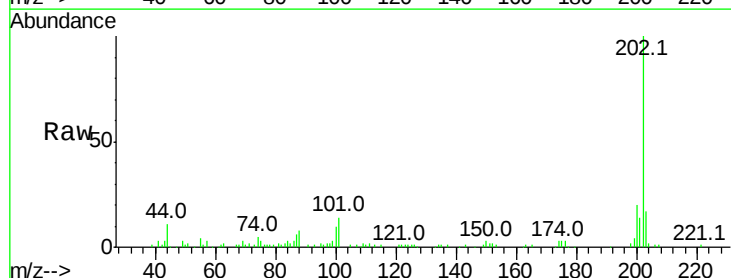
RT: 12.50 min Scan# 1771

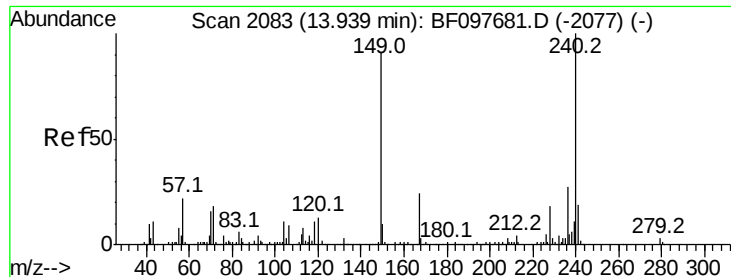
Delta R.T. -0.01 min

Lab File: BF097689.D

Acq: 15 Aug 2017 14:21

Tgt Ion:	202	Resp:	61993
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	33.2
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097689.D

Acq: 15 Aug 2017 14:21

Instrument :

BNA_F

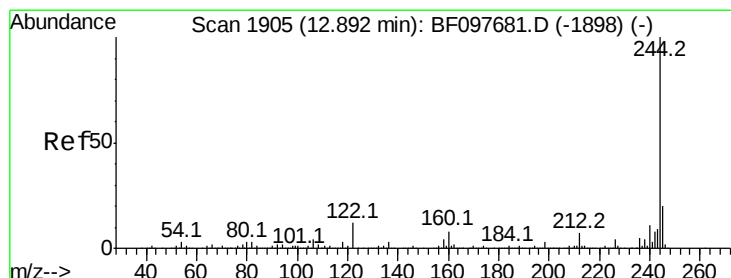
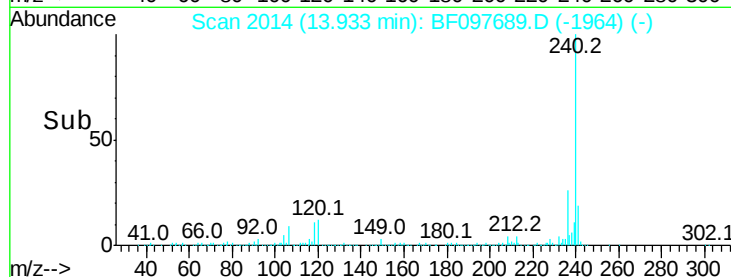
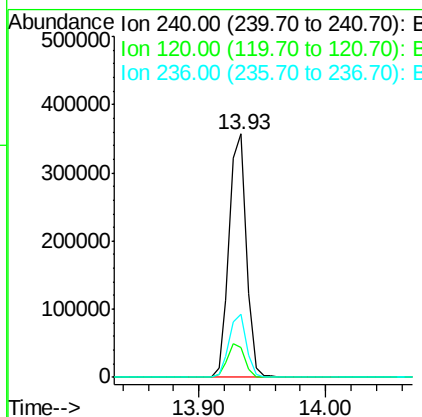
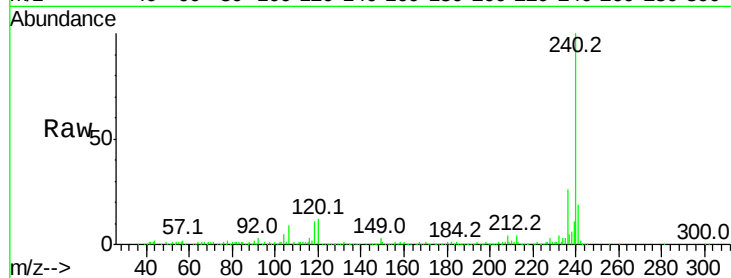
ClientSampleId :

SP-B-COMP

Tot Ion:	240	Resp:	337766
Ion Ratio	Lower	Upper	
240	100		
120	12.4	5.8	8.8#
236	25.7	20.5	30.7

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#78

Terphenyl-d14

Concen: 55.910 ng

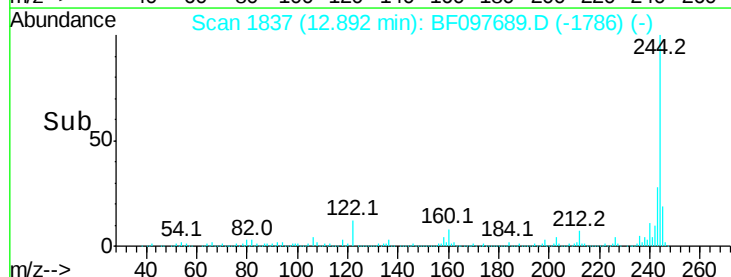
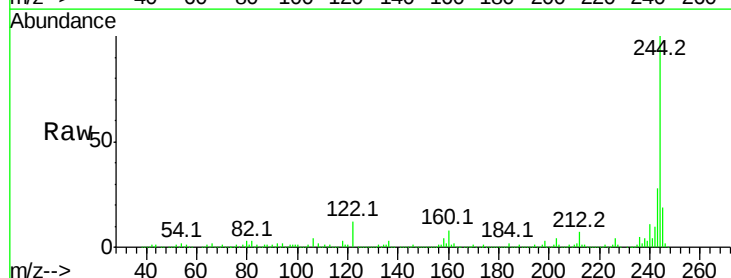
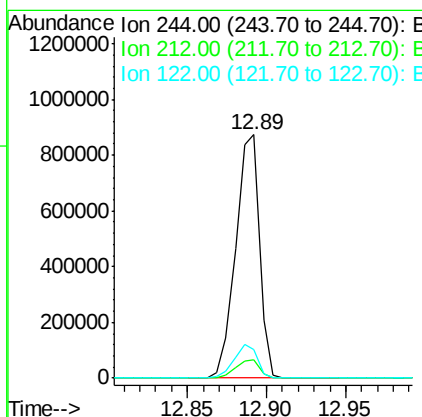
RT: 12.89 min Scan# 1837

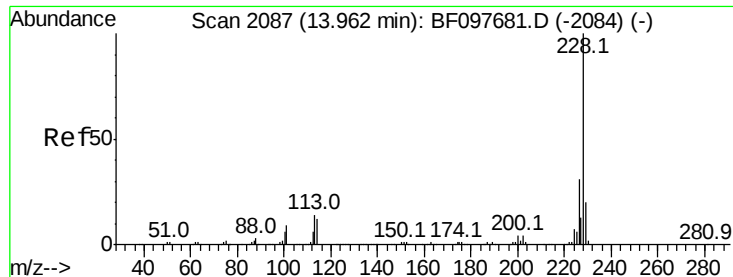
Delta R.T. 0.00 min

Lab File: BF097689.D

Acq: 15 Aug 2017 14:21

Tgt Ion:	244	Resp:	905582
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.0	9.0
122	11.9	10.3	15.5





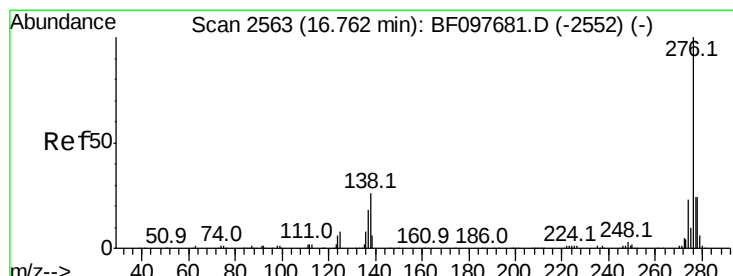
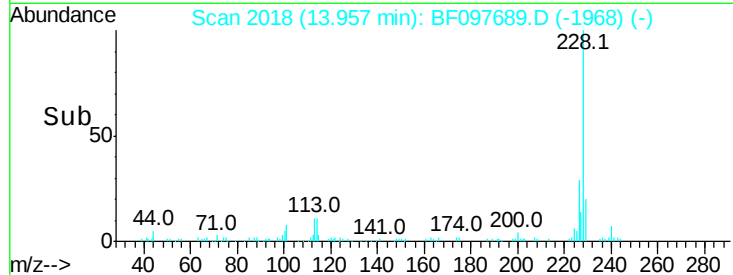
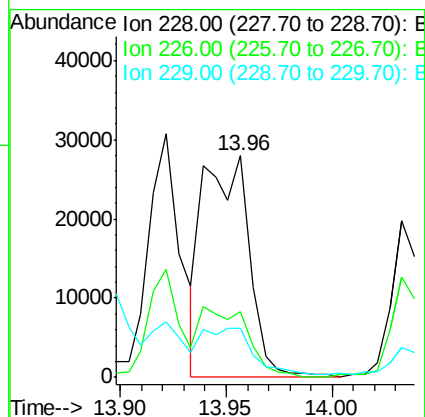
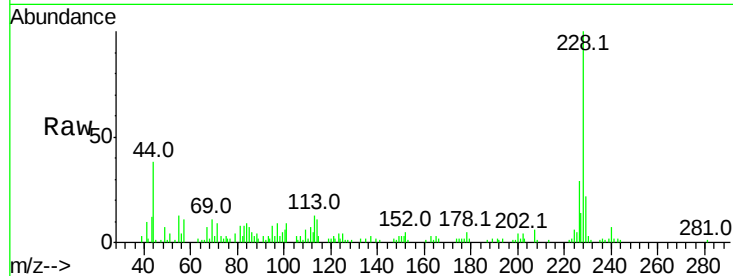
#82
Chrysene
Concen: 2.086 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF097689.D
Acq: 15 Aug 2017 14:21

Instrument :
BNA_F
ClientSampleId :
SP-B-COMP

Tot Ion:	228	Resp:	41998
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.9	37.3
229	22.3	15.8	23.6

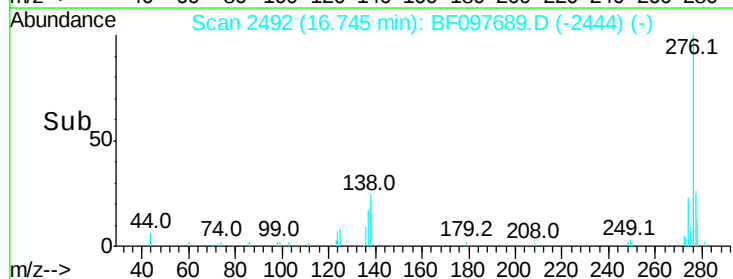
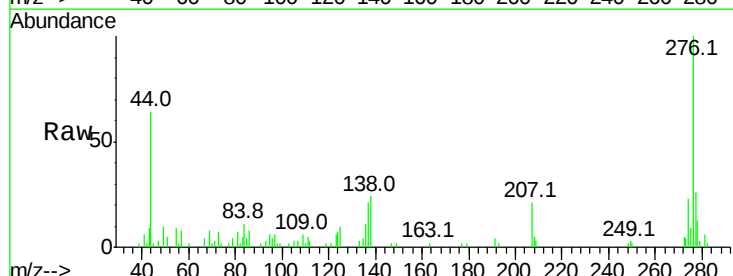
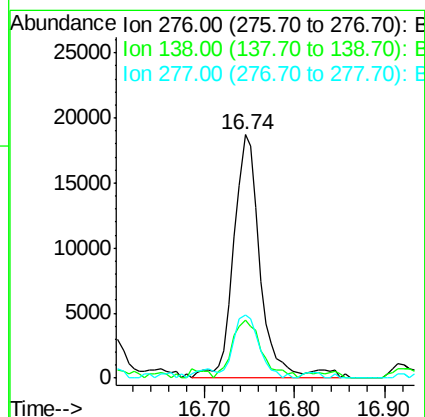
Manual Integrations
APPROVED

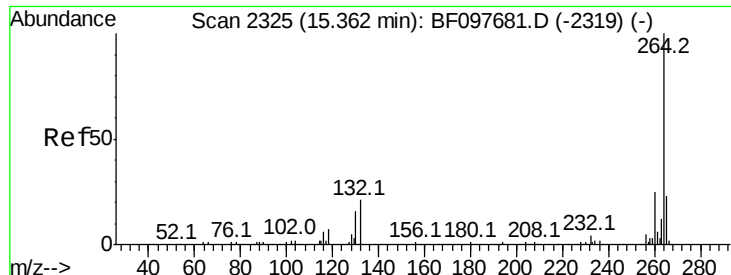
Sohil
8/16/2017 6:45:14 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.587 ng m
RT: 16.74 min Scan# 2492
Delta R.T. -0.02 min
Lab File: BF097689.D
Acq: 15 Aug 2017 14:21

Tgt Ion:	276	Resp:	38328
Ion Ratio	Lower	Upper	
276	100		
138	7.2	27.8	41.6#
277	4.1	20.2	30.4#





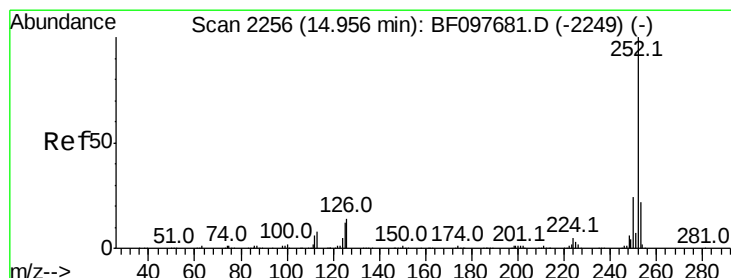
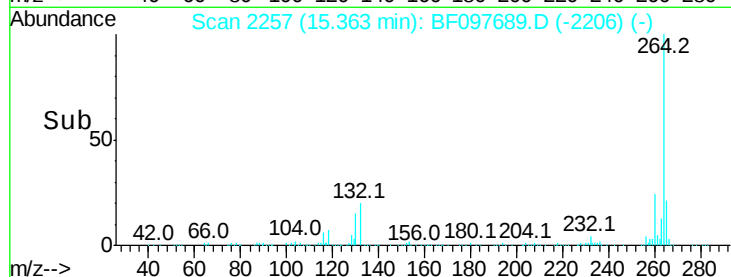
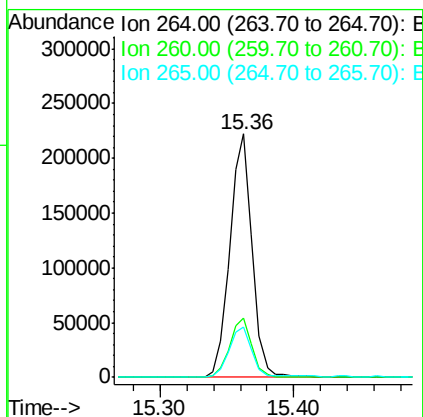
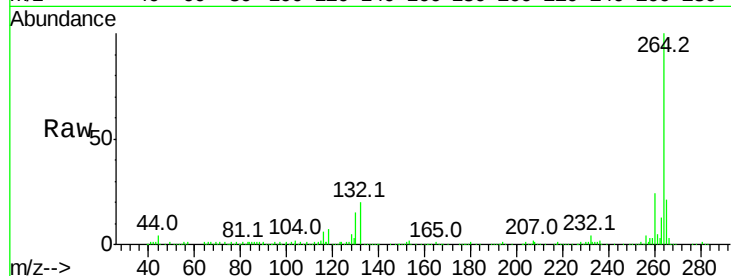
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097689.D
Acq: 15 Aug 2017 14:21

Instrument :
BNA_F
ClientSampleId :
SP-B-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	20.8	17.2	25.8

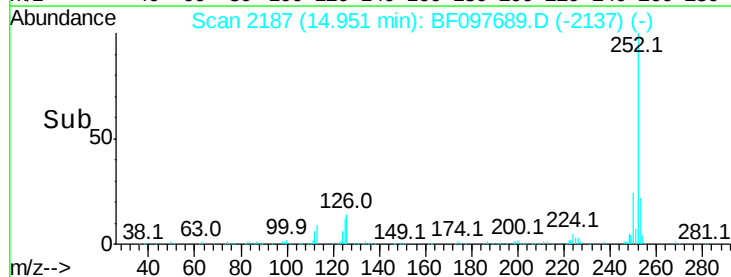
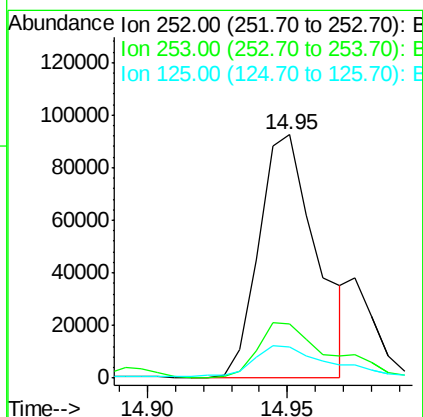
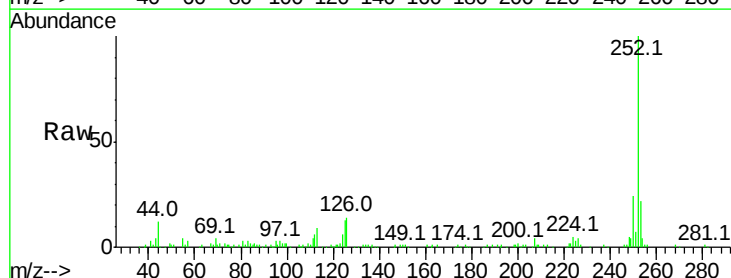
Manual Integrations
APPROVED

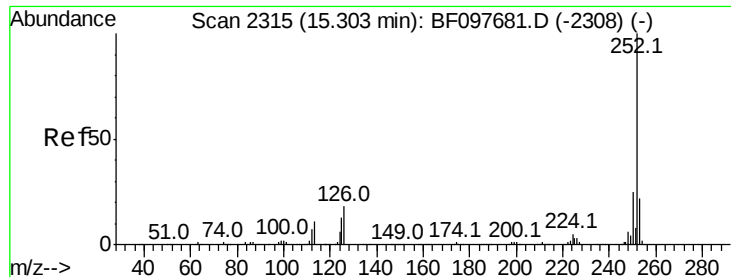
Sohil
8/16/2017 6:45:14 PM



#87
Benzo(b)fluoranthene
Concen: 8.029 ng m
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF097689.D
Acq: 15 Aug 2017 14:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	12.9	9.8	14.8





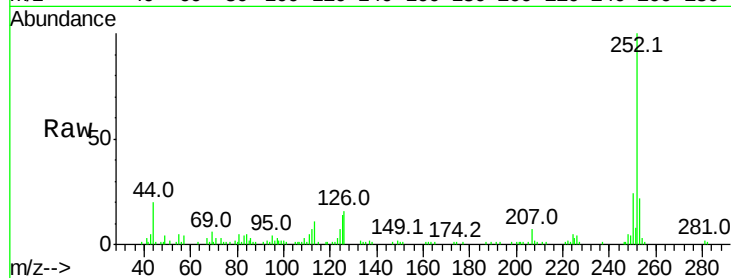
#89
Benzo(a)pyrene
Concen: 4.493 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF097689.D
Acq: 15 Aug 2017 14:21

Instrument :
BNA_F
ClientSampleId :
SP-B-COMP

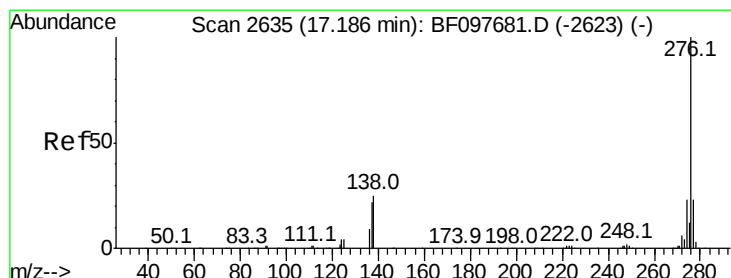
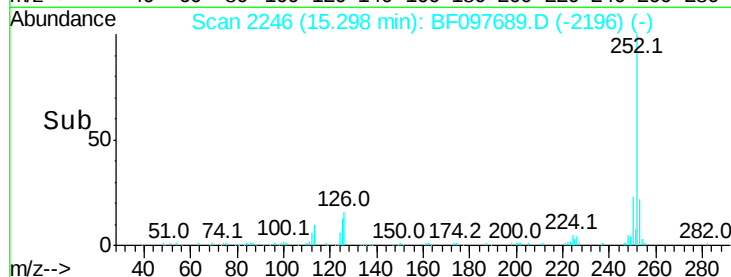
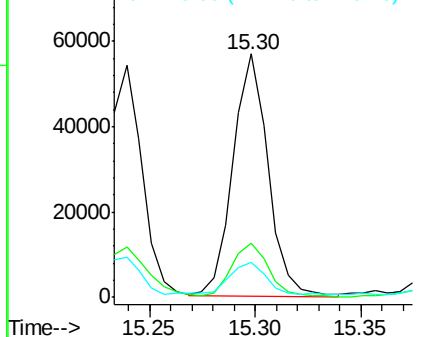
Tot Ion:	252	Resp:	65199
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.5	26.3
125	14.2	11.0	16.4

Manual Integrations
APPROVED

Sohil
8/16/2017 6:45:14 PM

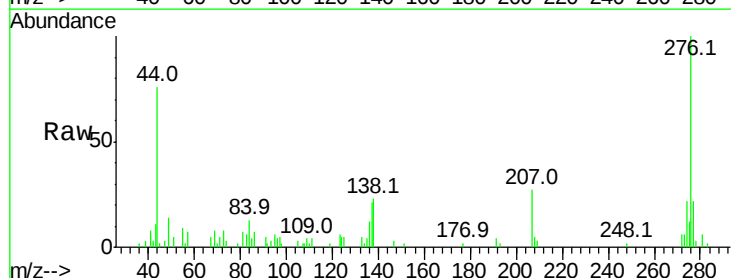


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 2.568 ng
RT: 17.16 min Scan# 2563
Delta R.T. -0.02 min
Lab File: BF097689.D
Acq: 15 Aug 2017 14:21

Tgt Ion:	276	Resp:	31650
Ion Ratio	Lower	Upper	
276	100		
277	21.8	18.6	28.0
138	23.2	25.4	38.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

