

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097769.D
 Acq On : 17 Aug 2017 5:55
 Operator : SJ/JU
 Sample : I4792-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Manual Integrations
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Sohil
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Quant Time: Aug 17 08:16:27 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	137538	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	538140	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	225322	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	346608	20.00	ng	0.00
75) Chrysene-d12	13.93	240	258953	20.00	ng	0.00
86) Perylene-d12	15.36	264	232426	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1136293	125.67	ng	0.01
7) Phenol-d6	6.42	99	1565087	127.39	ng	0.00
23) Nitrobenzene-d5	7.35	82	954578	96.36	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	238556	122.02	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1424600	92.89	ng	0.00
78) Terphenyl-d14	12.89	244	825415	66.47	ng	0.00
Target Compounds						
10) Phenol	6.43	94	37426	2.605	ng	87
49) Dimethylphthalate	9.53	163	249993	15.178	ng	100
70) Phenanthrene	11.32	178	59846	3.240	ng	96
74) Fluoranthene	12.50	202	123649	6.414	ng	98
77) Pyrene	12.73	202	119467	5.641	ng	97
80) Benzo(a)anthracene	13.92	228	53606	3.454	ng	95
82) Chrysene	13.96	228	55209	3.576	ng	95
85) Indeno(1,2,3-cd)pyrene	16.75	276	26008	2.290	ng	93
87) Benzo(b)fluoranthene	14.95	252	74255m	5.068	ng	
89) Benzo(a)pyrene	15.30	252	51944	4.005	ng	98
91) Benzo(g,h,i)perylene	17.17	276	24249	2.201	ng	# 87

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

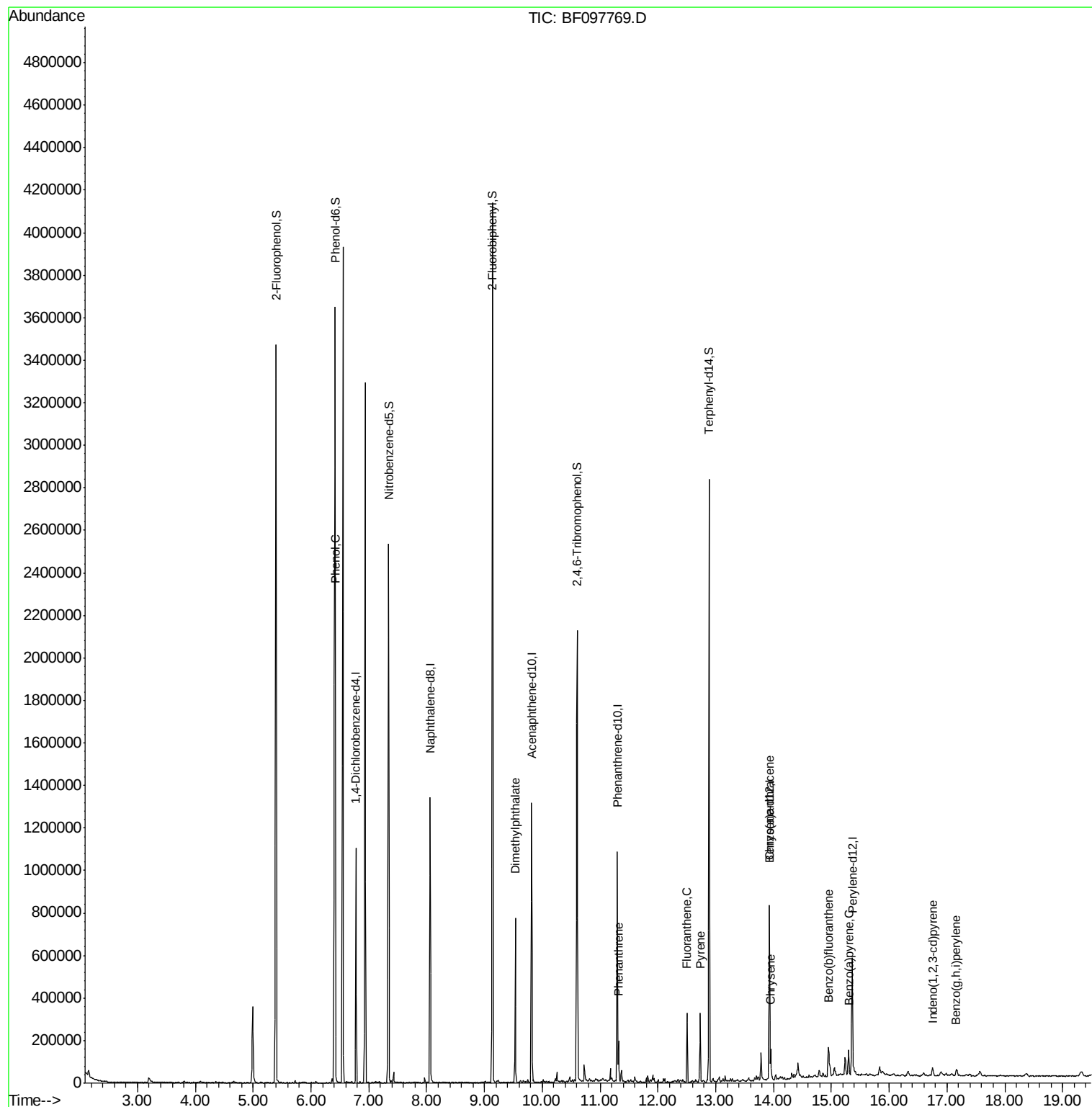
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097769.D
Acq On : 17 Aug 2017 5:55
Operator : SJ/JU
Sample : I4792-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

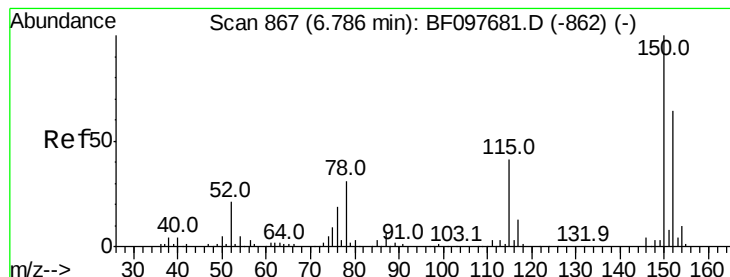
Instrument :
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ClientSampleId :
SB-05-COMP

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Quant Time: Aug 17 08:16:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

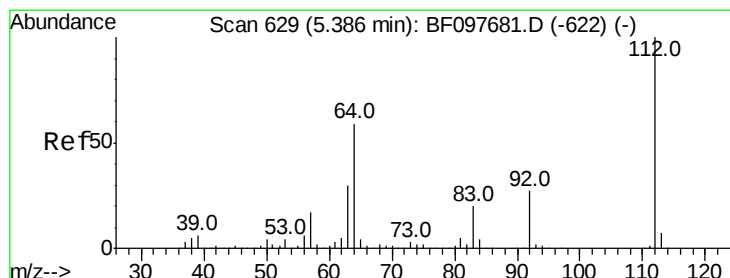
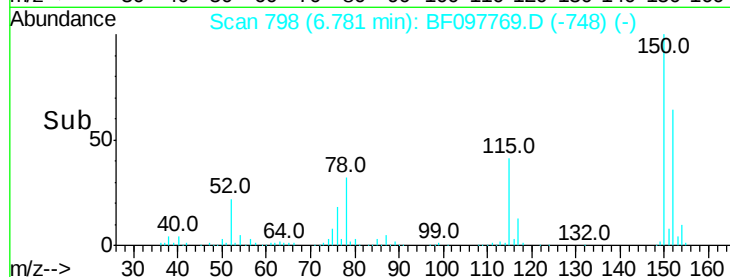
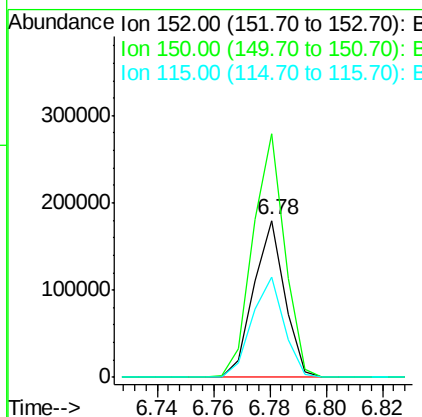
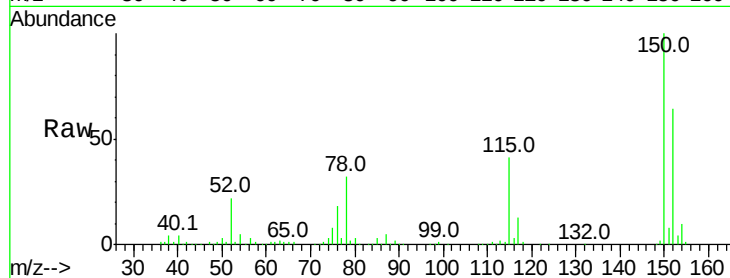
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF097769.D
 Acq: 17 Aug 2017 5:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.2
115	64.1	52.2	78.2

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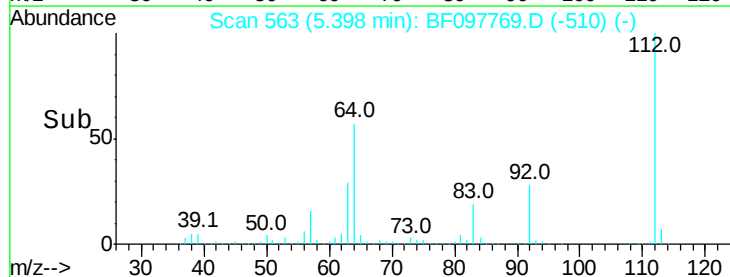
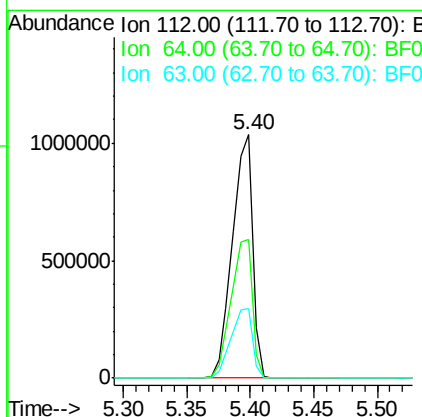
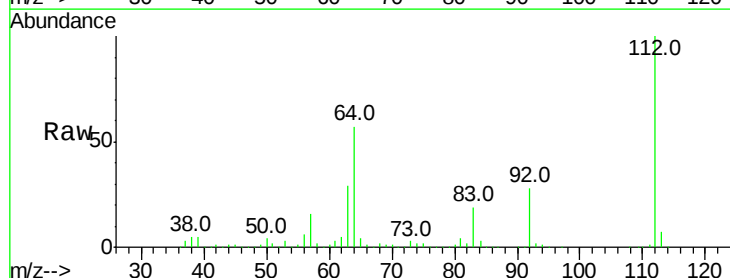
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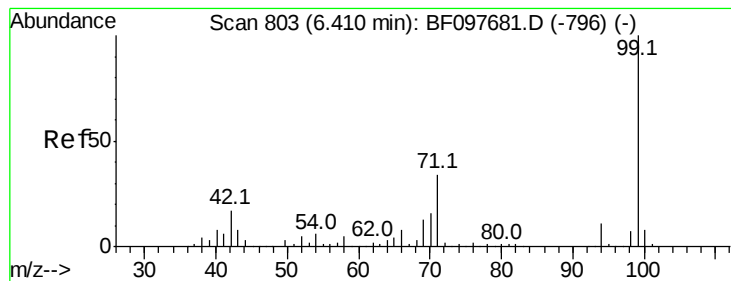


#5

2-Fluorophenol
 Concen: 125.666 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF097769.D
 Acq: 17 Aug 2017 5:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	46.0	69.0
63	28.7	23.4	35.0





#7

Phenol-d6

Concen: 127.391 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097769.D

Acq: 17 Aug 2017 5:55

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

Tot Ion: 99 Resp: 1565087

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

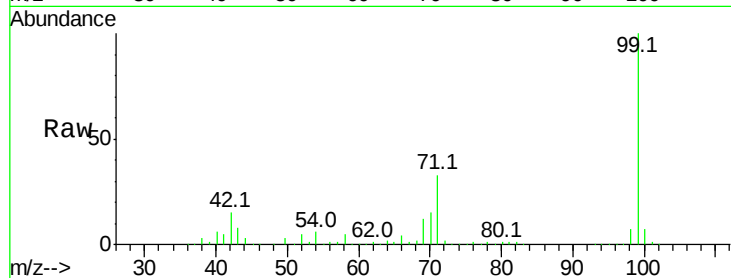
71 32.7 24.5 36.7

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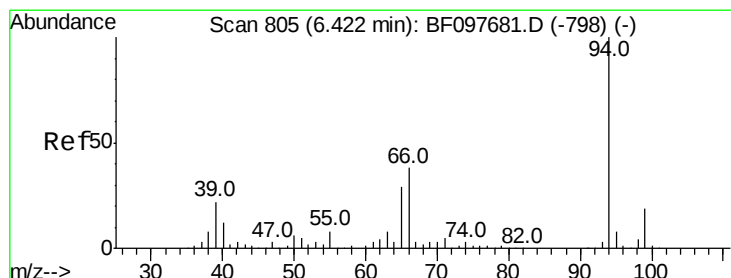
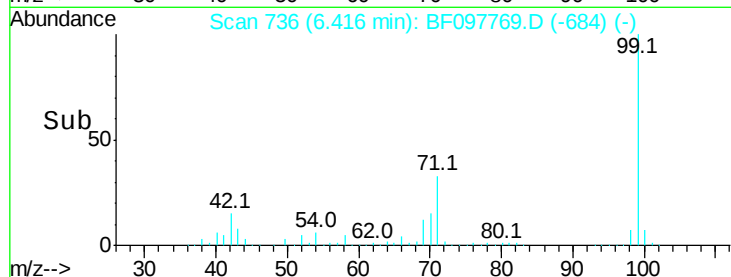
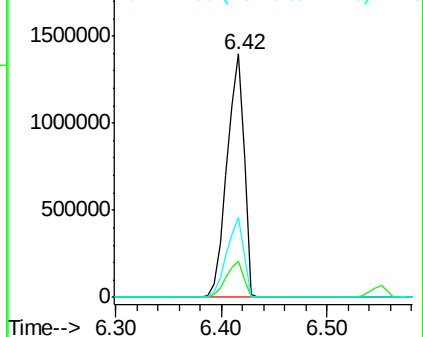
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.605 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF097769.D

Acq: 17 Aug 2017 5:55

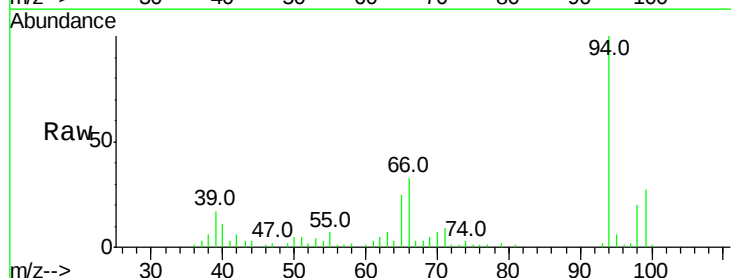
Tgt Ion: 94 Resp: 37426

Ion Ratio Lower Upper

94 100

65 25.2 9.9 49.9

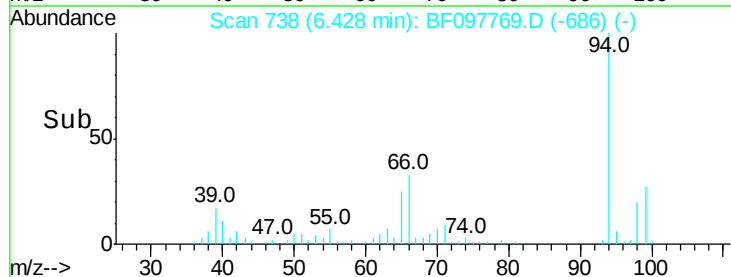
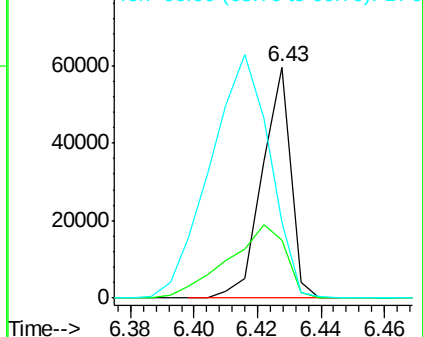
66 32.7 23.1 63.1

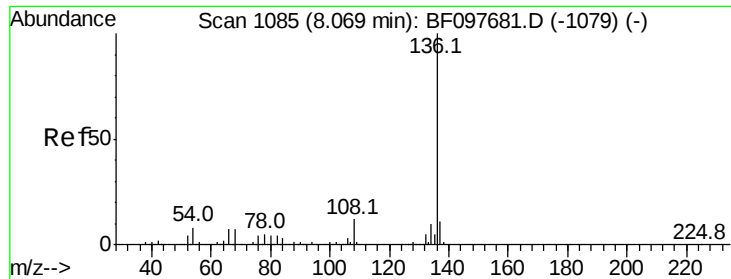


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





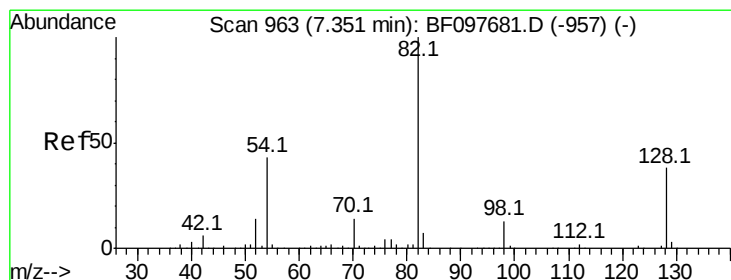
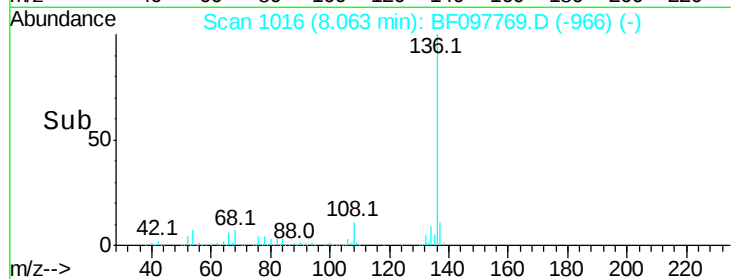
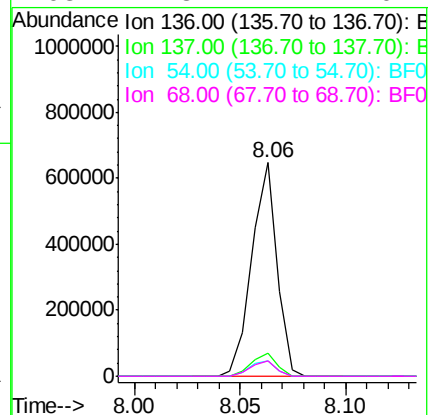
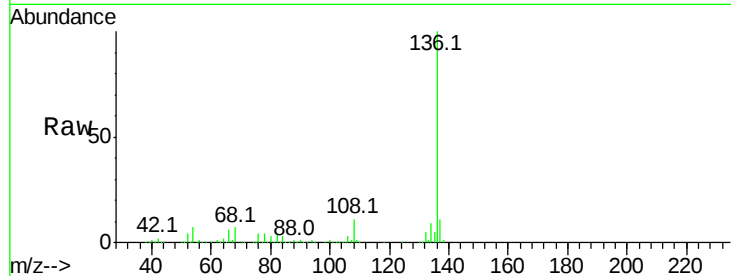
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF097769.D
Acq: 17 Aug 2017 5:55

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.5	12.7	
54	7.2	4.9	7.3	
68	7.3	4.1	6.1	

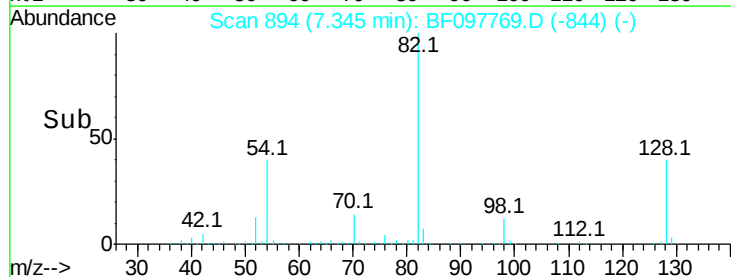
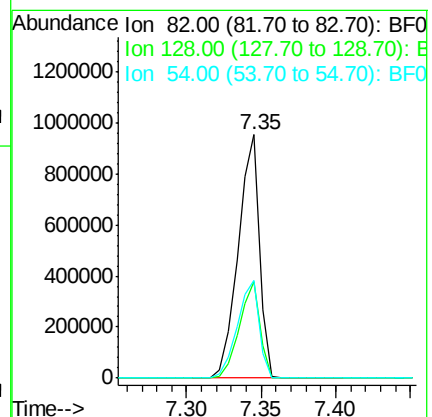
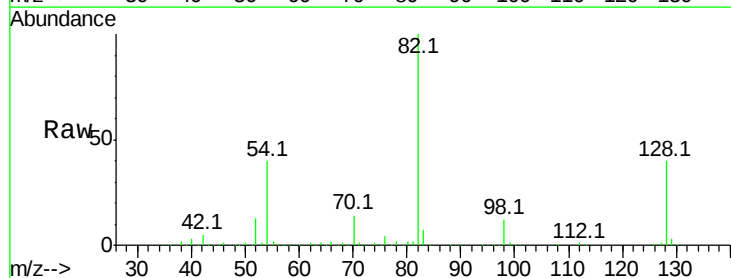
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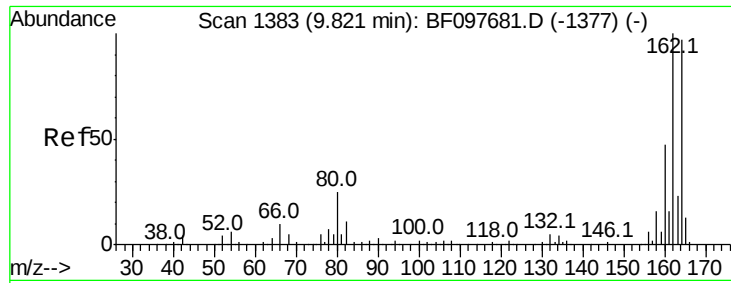
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#23
Nitrobenzene-d5
Concen: 96.364 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097769.D
Acq: 17 Aug 2017 5:55

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.6	34.0	51.0	
54	40.2	42.2	63.2	





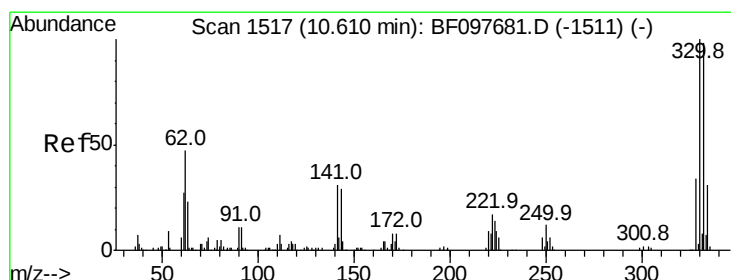
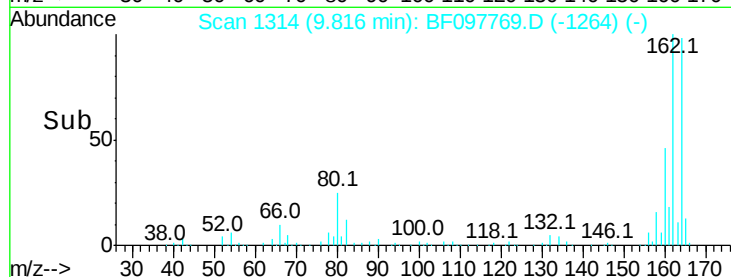
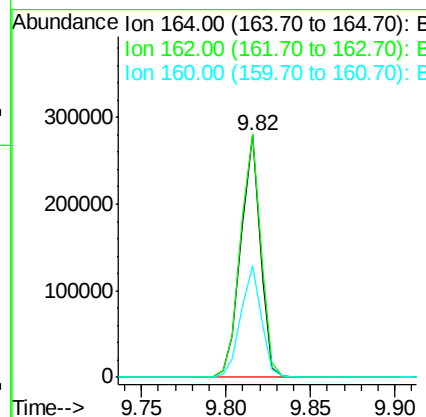
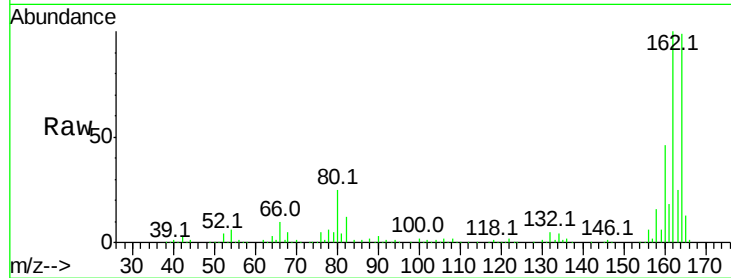
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF097769.D
Acq: 17 Aug 2017 5:55

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tot Ion	Ratio	Resp	Lower	Upper
164	100	225322		
162	100.7	82.6	123.8	
160	46.2	36.2	54.2	

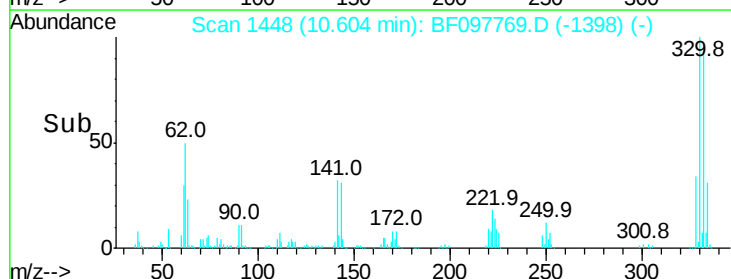
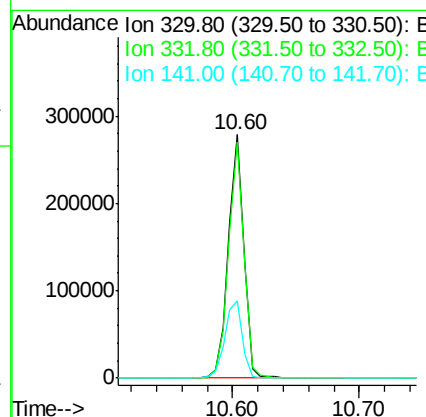
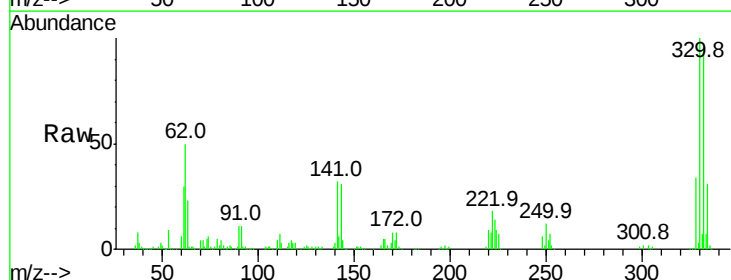
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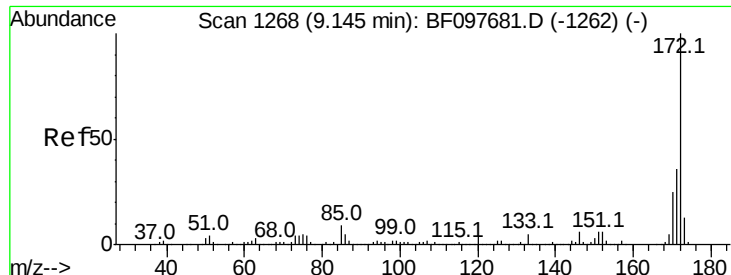
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#41
2,4,6-Tribromophenol
Concen: 122.021 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF097769.D
Acq: 17 Aug 2017 5:55

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	238556		
332	96.4	76.6	115.0	
141	36.3	31.4	47.2	





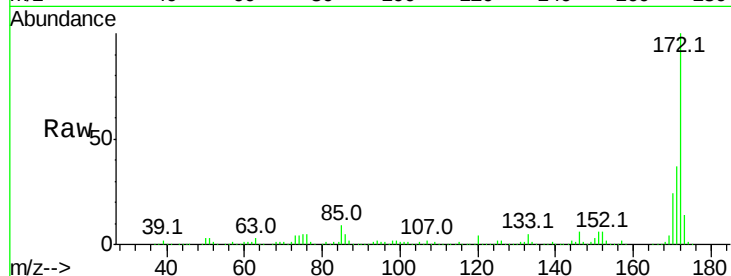
#44
2-Fluorobiphenyl
Concen: 92.891 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF097769.D
Acq: 17 Aug 2017 5:55

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

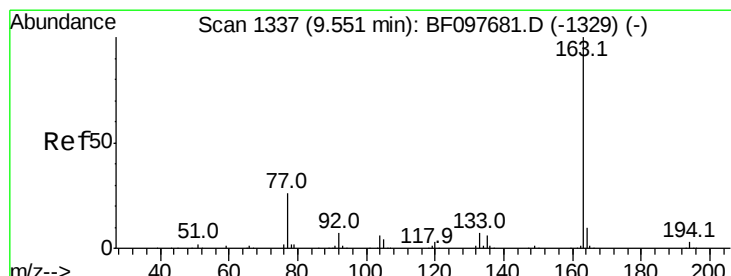
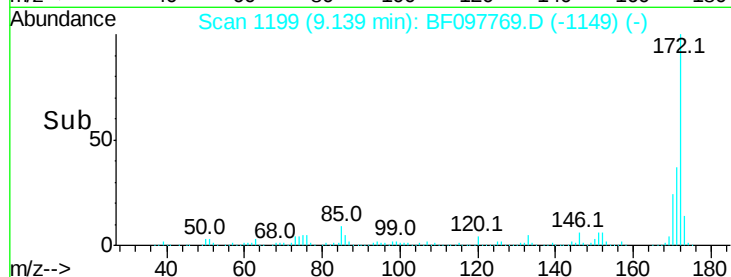
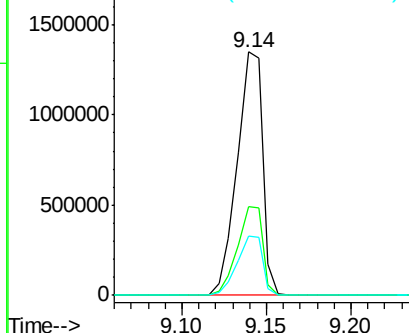
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.4	19.8	29.8

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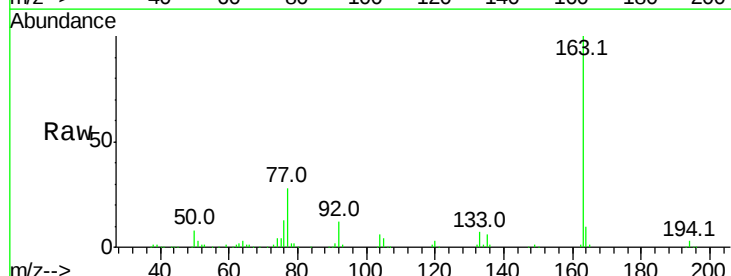


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

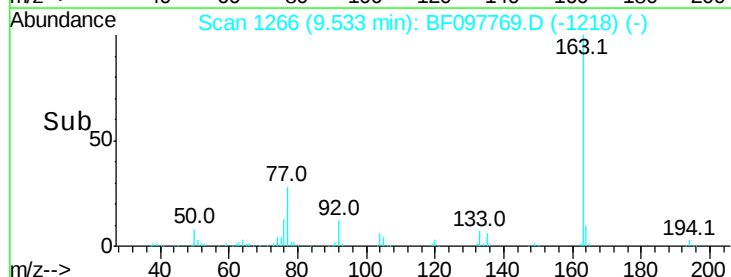
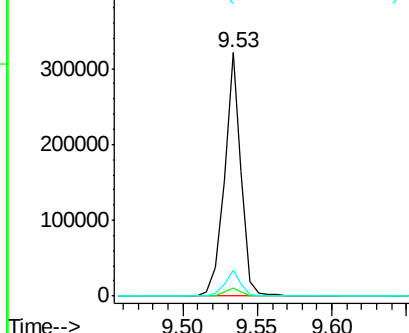


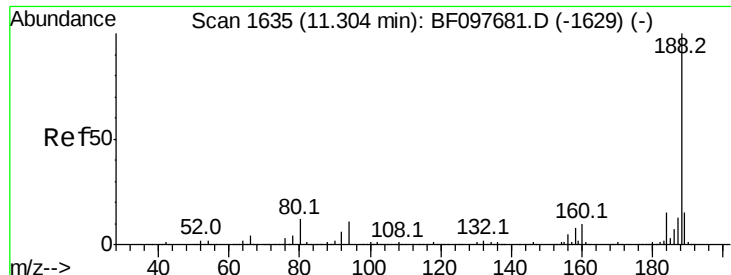
#49
Dimethylphthalate
Concen: 15.178 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF097769.D
Acq: 17 Aug 2017 5:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.5	8.4	12.6



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





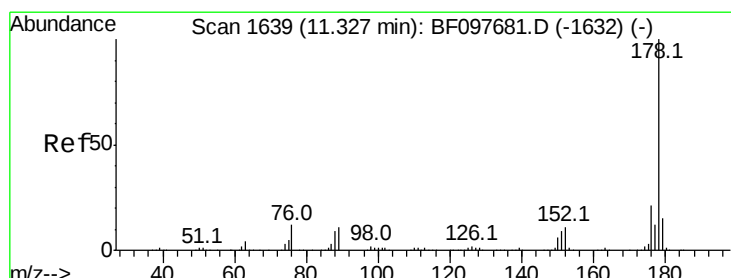
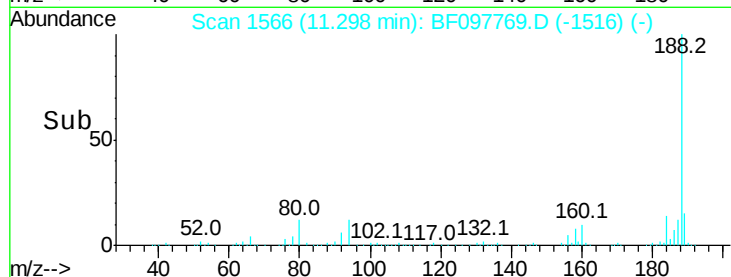
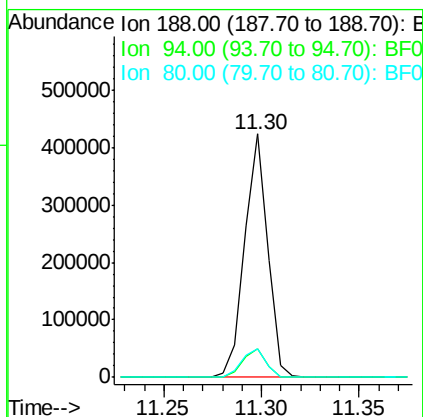
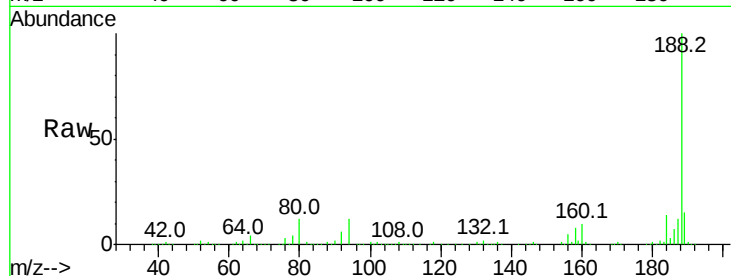
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097769.D
Acq: 17 Aug 2017 5:55

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.8	9.4	14.2
80	11.7	10.2	15.2

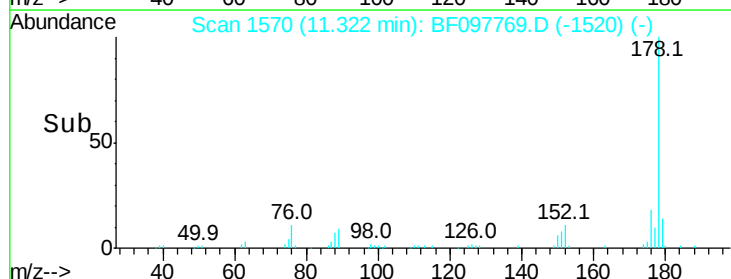
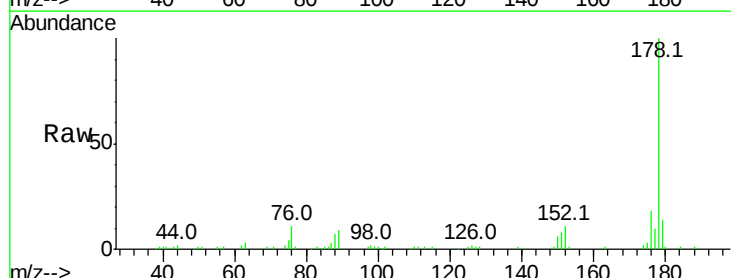
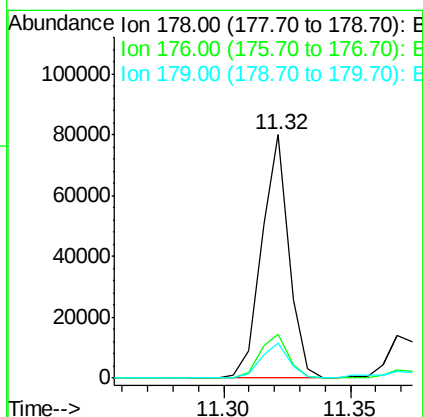
Manual Integrations
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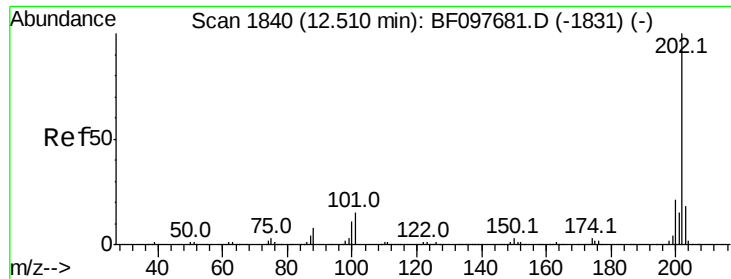
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#70
Phenanthrene
Concen: 3.240 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF097769.D
Acq: 17 Aug 2017 5:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.1	16.2	24.4
179	14.5	12.6	19.0





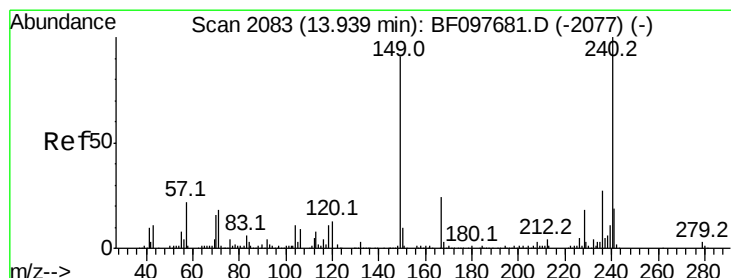
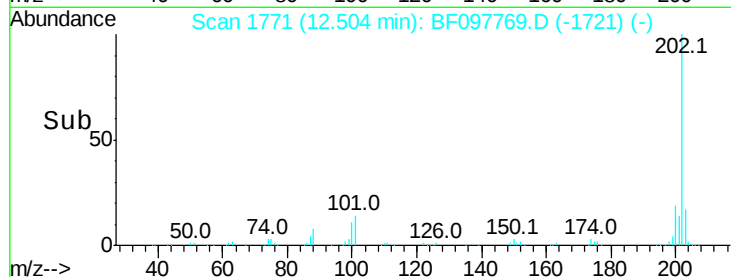
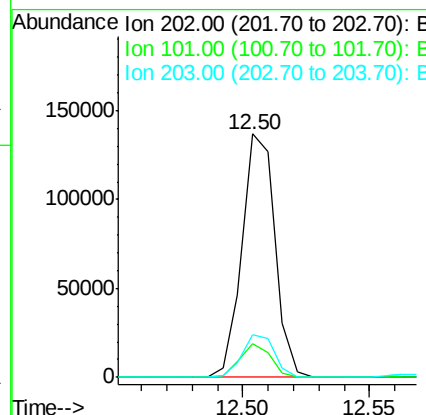
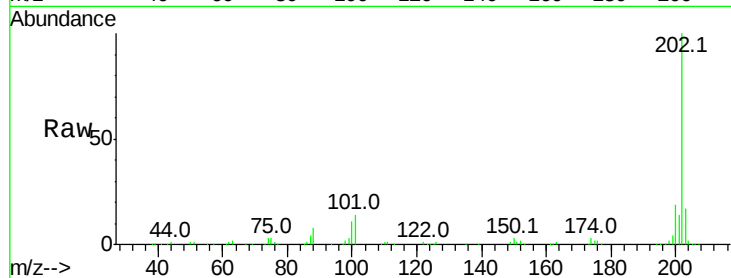
#74
Fluoranthene
 Concen: 6.414 ng
 RT: 12.50 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BF097769.D
 Acq: 17 Aug 2017 5:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.0	0.0	33.2
203	17.3	0.0	38.1

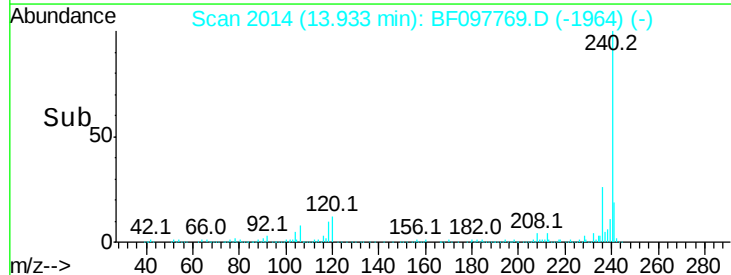
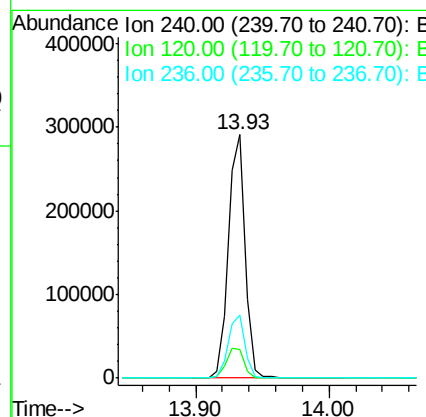
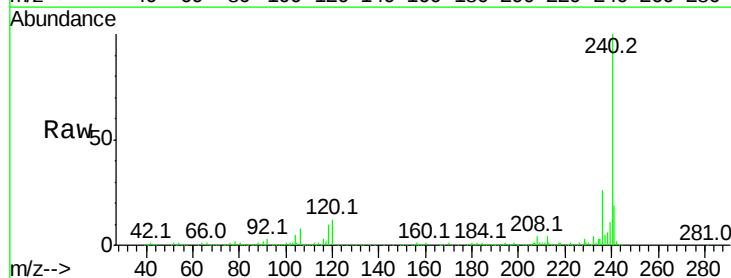
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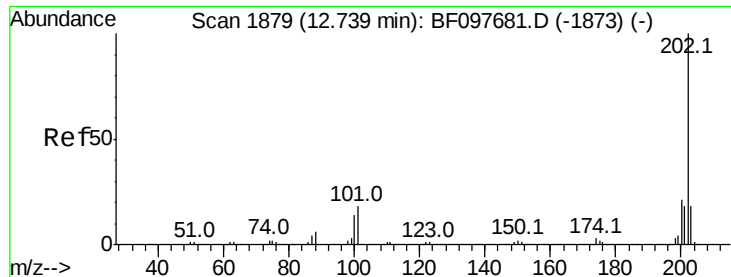
Sohil
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#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF097769.D
 Acq: 17 Aug 2017 5:55

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.9	5.8	8.8#
236	25.9	20.5	30.7





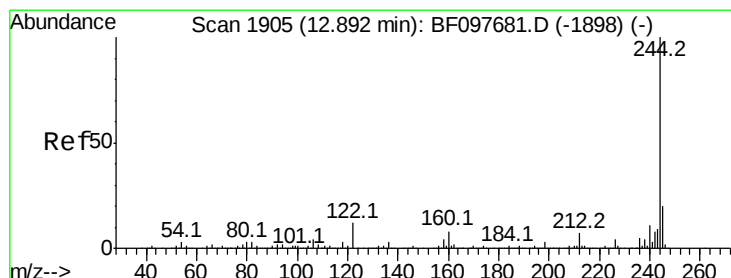
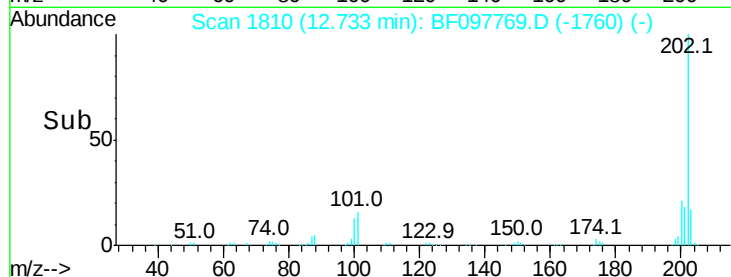
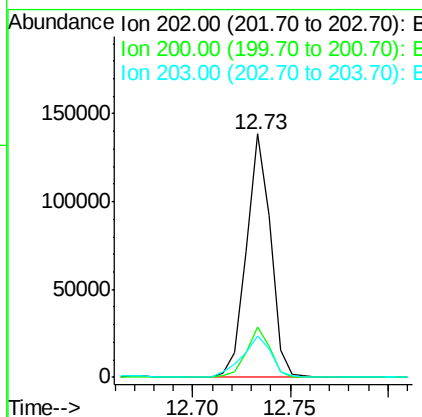
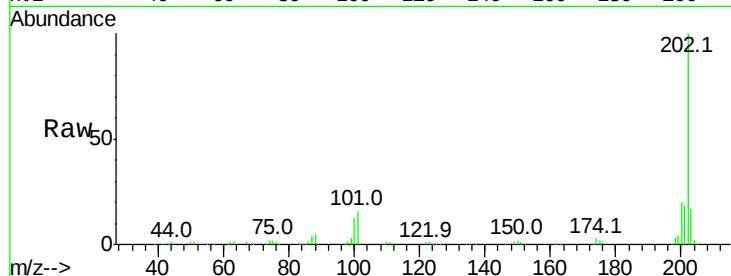
#77
Pvrene
Concen: 5.641 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF097769.D
Acq: 17 Aug 2017 5:55

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tot Ion	Ratio	Resp	Lower	Upper
202	100	119467		
200	20.5		17.6	26.4
203	17.2		14.4	21.6

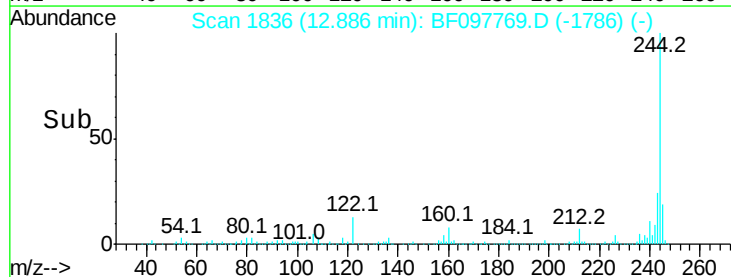
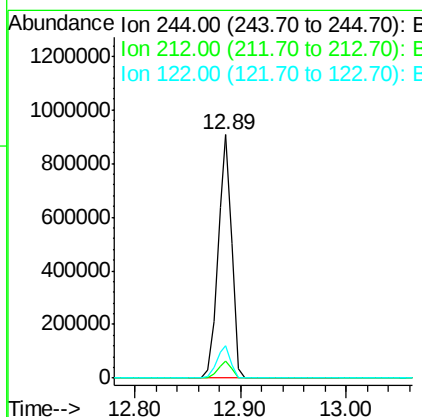
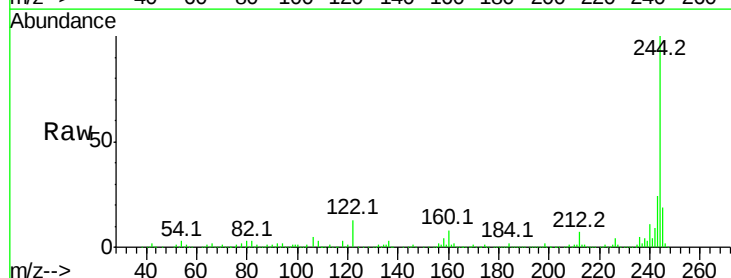
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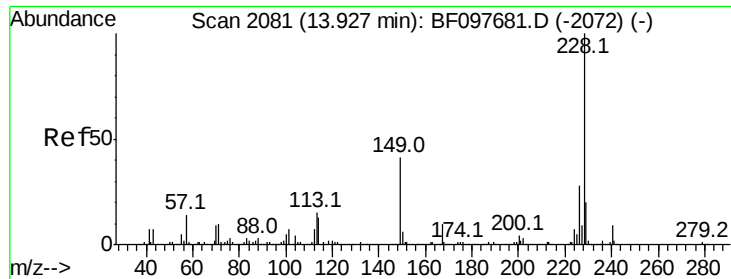
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#78
Terphenyl-d14
Concen: 66.470 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF097769.D
Acq: 17 Aug 2017 5:55

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	825415		
212	7.2		6.0	9.0
122	13.4		10.3	15.5





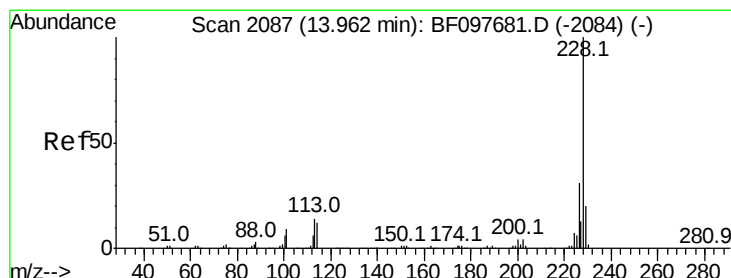
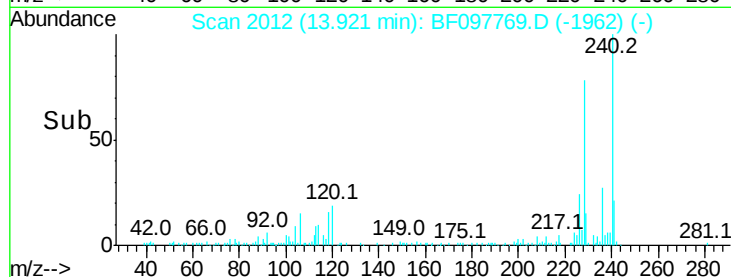
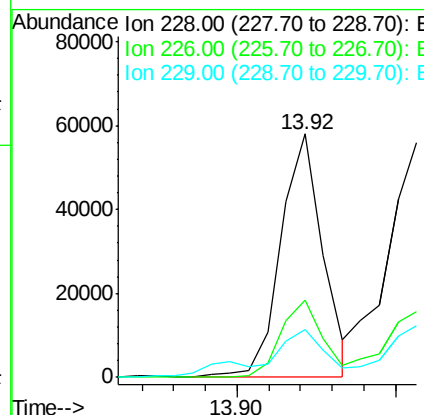
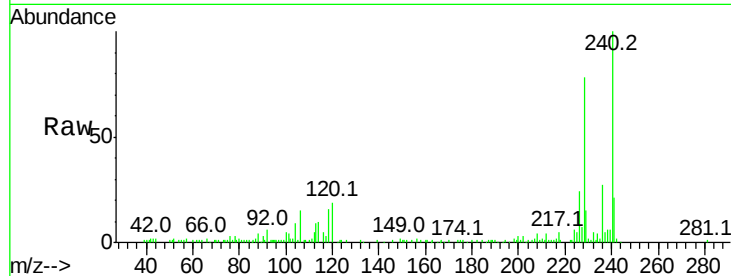
#80
Benzo(a)anthracene
Concen: 3.454 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097769.D
Acq: 17 Aug 2017 5:55

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tot Ion	Ratio	Resp	Lower	Upper
228	100	53606		
226	31.5	22.6	33.8	
229	19.4	16.3	24.5	

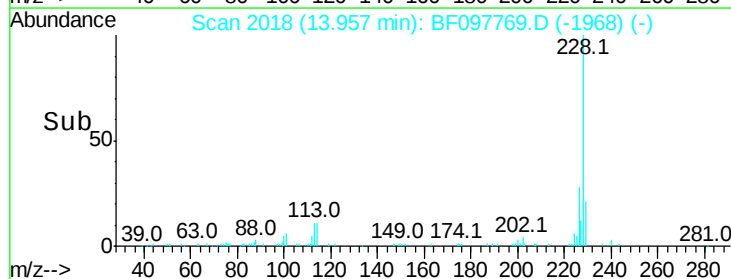
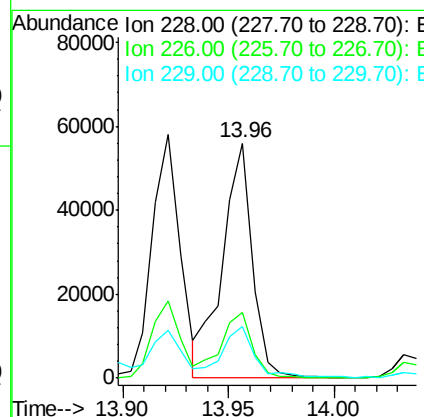
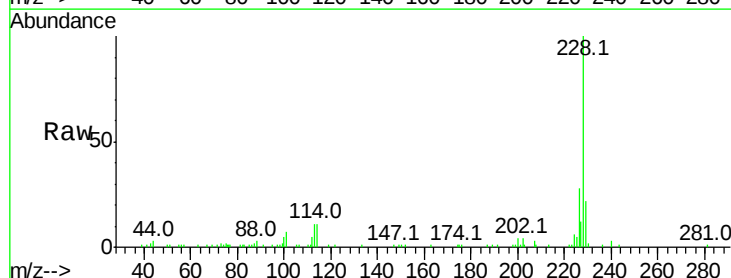
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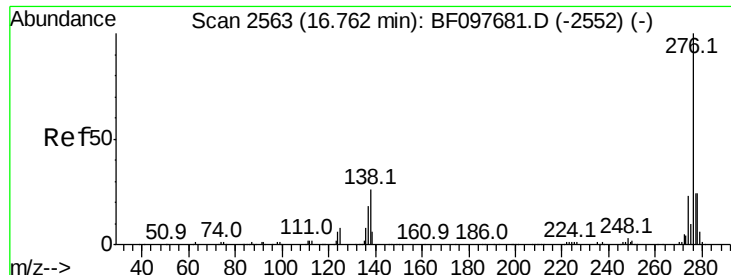
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#82
Chrysene
Concen: 3.576 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF097769.D
Acq: 17 Aug 2017 5:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	55209		
226	27.9	24.9	37.3	
229	21.9	15.8	23.6	





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.290 ng

RT: 16.75 min Scan# 2493

Delta R.T. -0.01 min

Lab File: BF097769.D

Acq: 17 Aug 2017 5:55

Instrument :

BNA_F

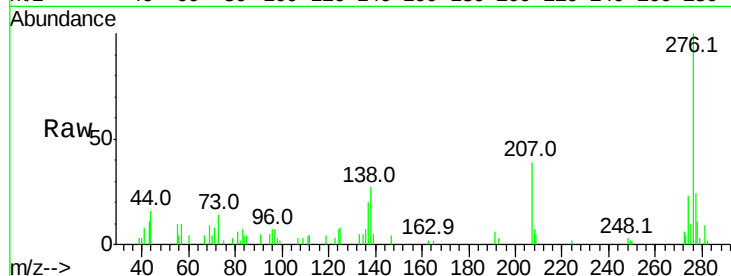
ClientSampleId :

SB-05-COMP

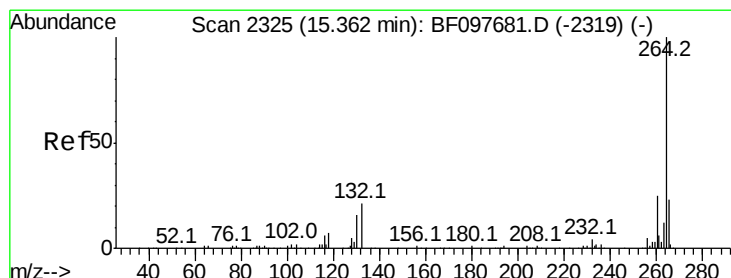
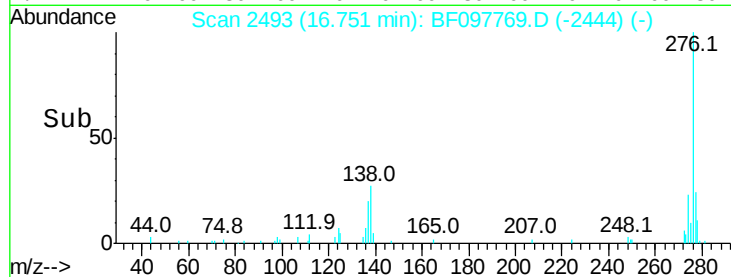
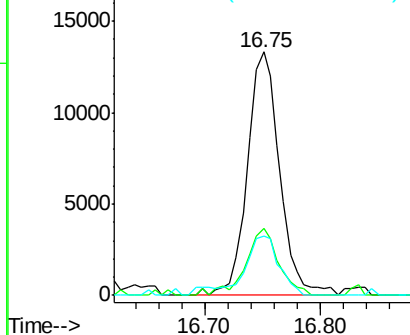
Tot Ion:	276	Resp:	26008
Ion Ratio	Lower	Upper	
276	100		
138	27.9	27.8	41.6
277	24.9	20.2	30.4

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.36 min Scan# 2257

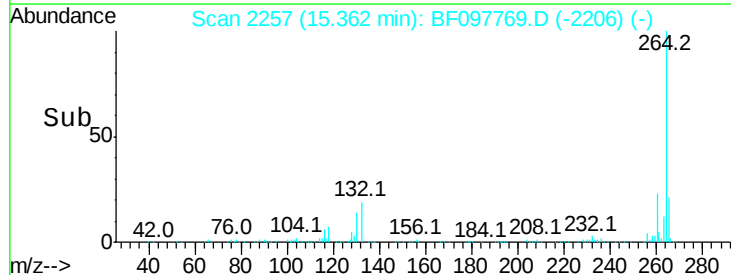
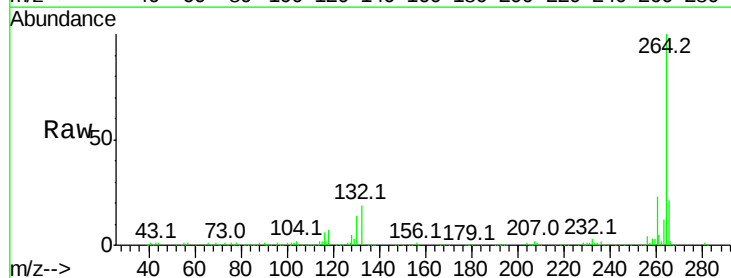
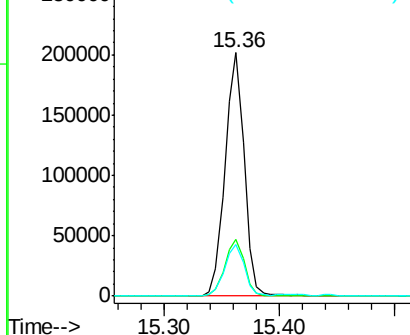
Delta R.T. 0.00 min

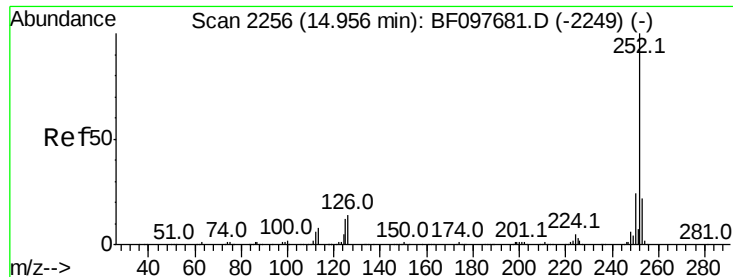
Lab File: BF097769.D

Acq: 17 Aug 2017 5:55

Tgt Ion:	264	Resp:	232426
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.5	29.3
265	21.1	17.2	25.8

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





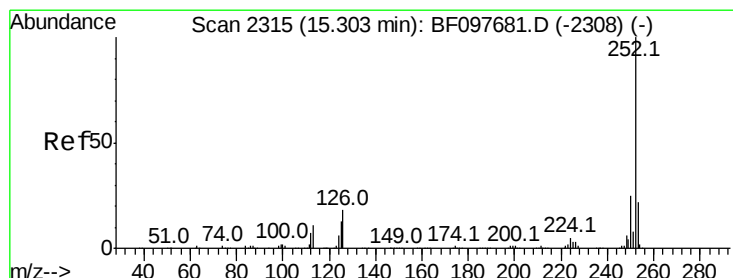
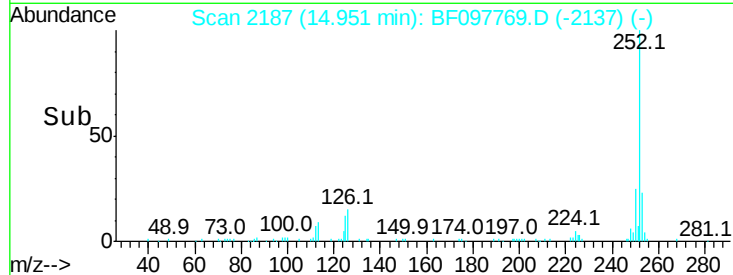
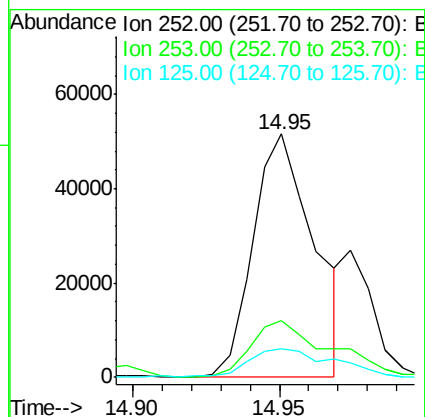
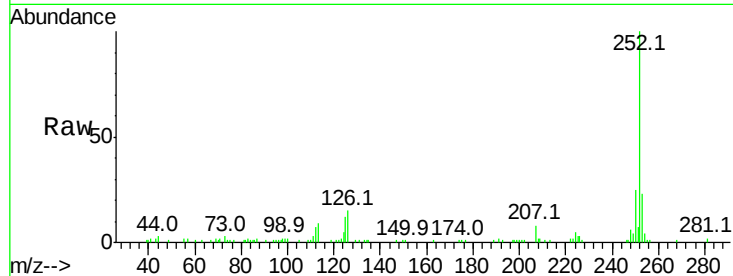
#87
Benzo(b)fluoranthene
Concen: 5.068 ng m
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF097769.D
Acq: 17 Aug 2017 5:55

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	11.7	9.8	14.8

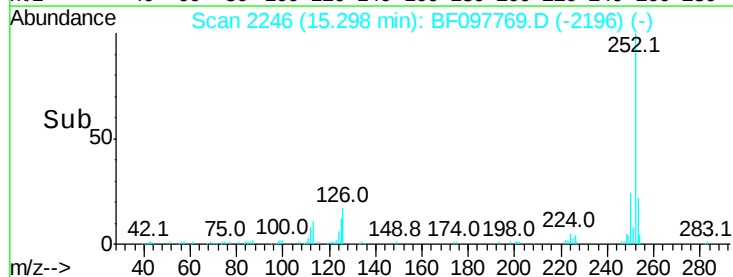
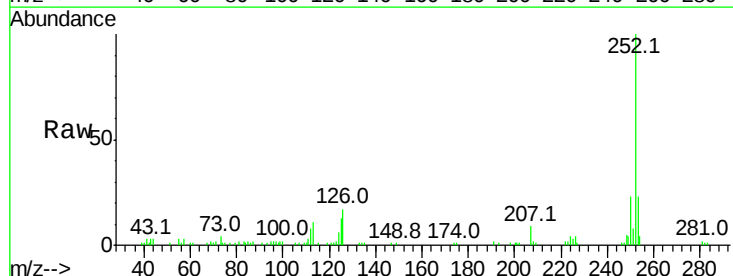
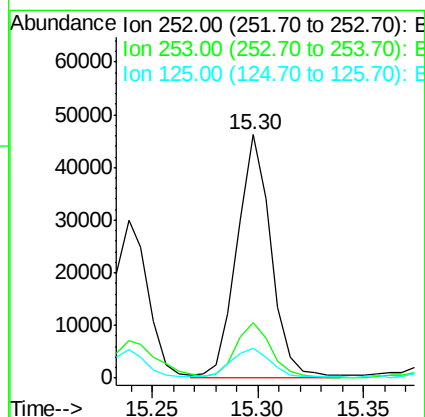
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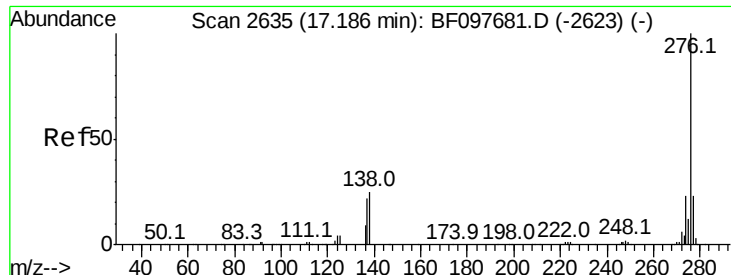
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#89
Benzo(a)pyrene
Concen: 4.005 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF097769.D
Acq: 17 Aug 2017 5:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	12.5	11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 2.201 ng
 RT: 17.17 min Scan# 2564
 Delta R.T. -0.02 min
 Lab File: BF097769.D
 Acq: 17 Aug 2017 5:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.9	18.6	28.0
138	22.8	25.4	38.0

Manual Integrations
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