

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096851.D
 Acq On : 18 Jul 2017 16:46
 Operator : SJ/JU
 Sample : I4248-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMP-(0-8)

Manual Integrations
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Quant Time: Jul 19 01:46:18 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	6.60	152	117937	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	491591	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	217058	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	344282	20.00	ng	0.00
75) Chrysene-d12	13.73	240	208262	20.00	ng	0.00
86) Perylene-d12	15.10	264	208041	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	930489	118.63	ng	0.02
7) Phenol-d6	6.26	99	1130278	120.08	ng	0.00
23) Nitrobenzene-d5	7.16	82	699129	88.09	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	214203	115.61	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	1077340	78.42	ng	0.00
78) Terphenyl-d14	12.69	244	637037	53.05	ng	0.00
Target Compounds						
10) Phenol	6.26	94	47442	4.459	ng	86
49) Dimethylphthalate	9.35	163	157942	9.664	ng	99
70) Phenanthrene	11.12	178	111104	5.935	ng	96
74) Fluoranthene	12.30	202	195278	10.898	ng	99
77) Pyrene	12.53	202	178235	9.430	ng	97
80) Benzo(a)anthracene	13.72	228	80004	6.165	ng	96
82) Chrysene	13.75	228	70428	5.513	ng	95
85) Indeno(1,2,3-cd)pyrene	16.37	276	49243	7.320	ng	97
87) Benzo(b)fluoranthene	14.72	252	108801m	8.671	ng	
88) Benzo(k)fluoranthene	14.74	252	24678m	2.077	ng	
89) Benzo(a)pyrene	15.04	252	64061	5.567	ng	# 95
91) Benzo(a,h,i)perylene	16.76	276	45118	3.979	ng	97

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

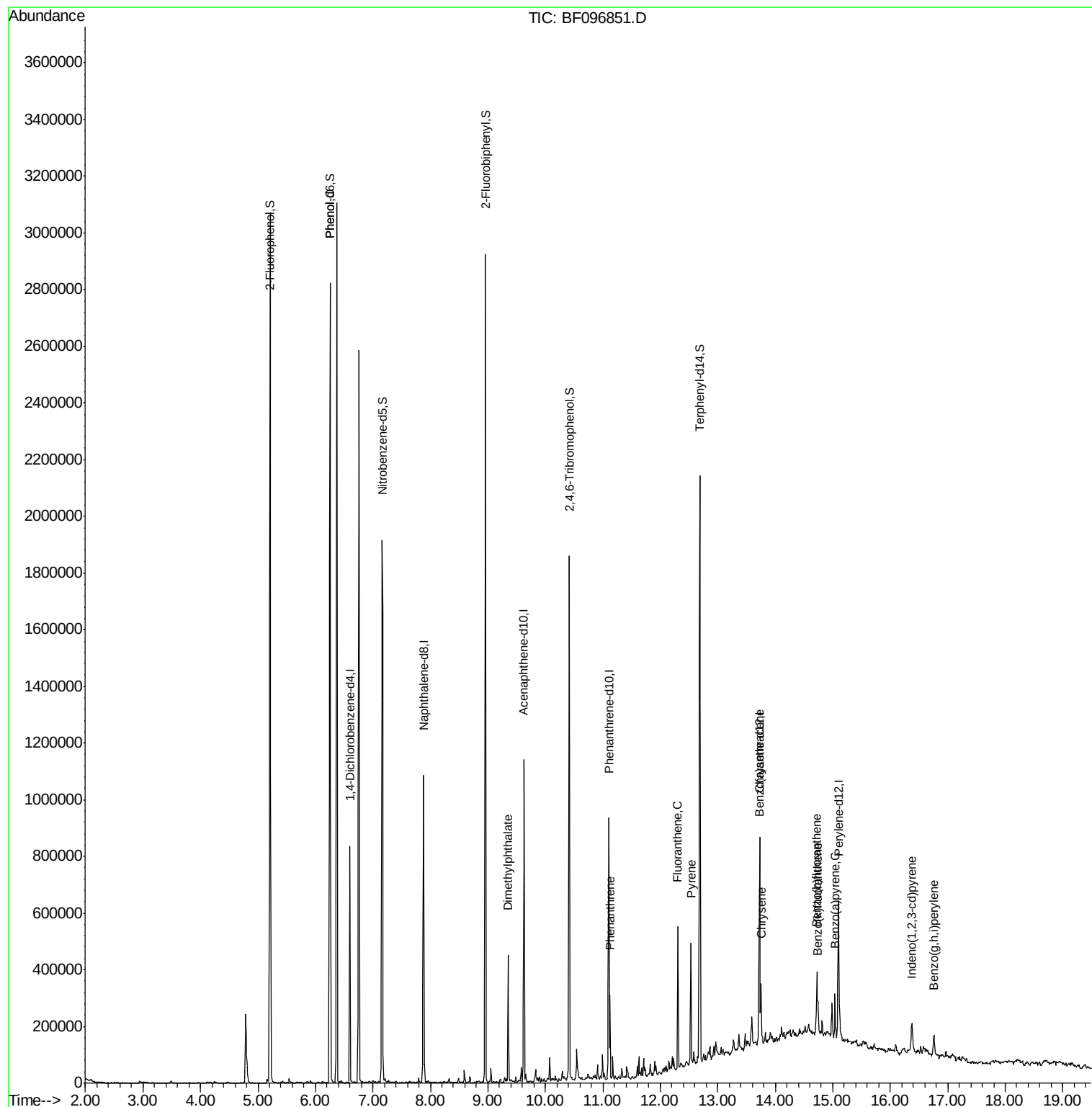
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
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Operator : SJ/JU
Sample : I4248-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

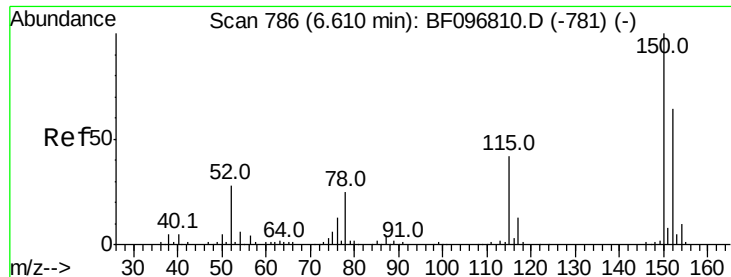
Instrument :
BNA_F
ClientSampleId :
TP-1-COMP-(0-8)

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Quant Time: Jul 19 01:46:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

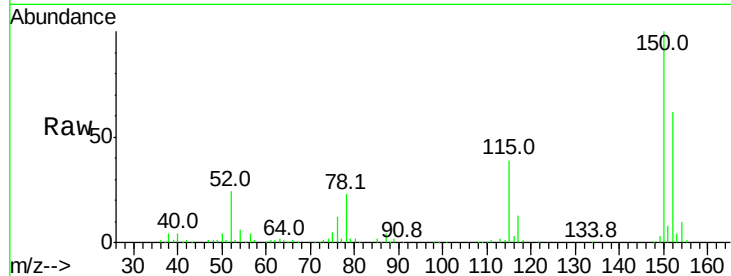
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF096851.D
Acq: 18 Jul 2017 16:46

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP-(0-8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.2	189.2
115	62.3	52.2	78.2

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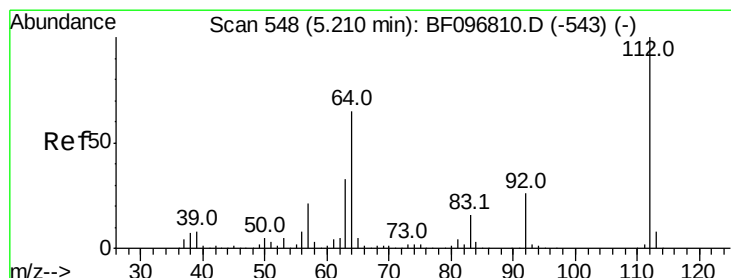
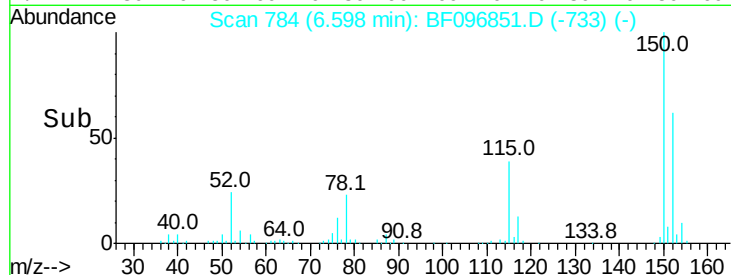
Abundance

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

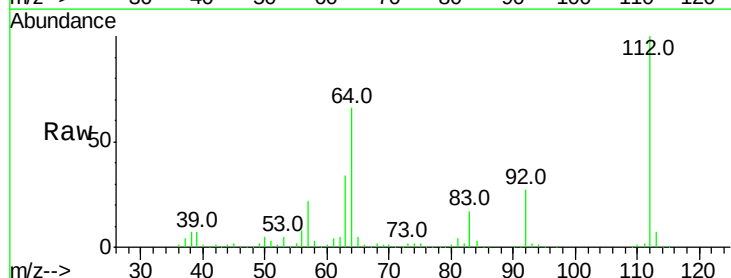
Time-->



#5

2-Fluorophenol
Concen: 118.628 ng
RT: 5.22 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF096851.D
Acq: 18 Jul 2017 16:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	46.0	69.0
63	34.2	23.4	35.0



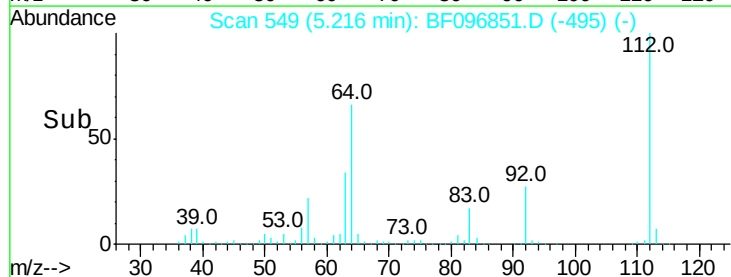
Abundance

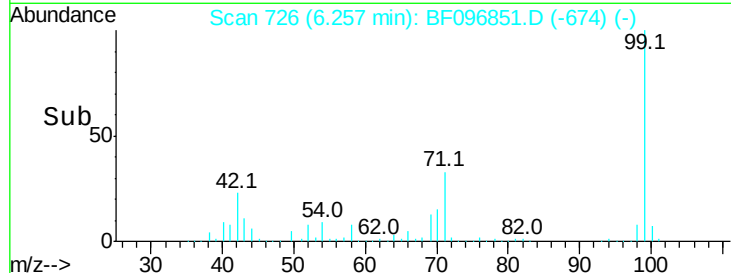
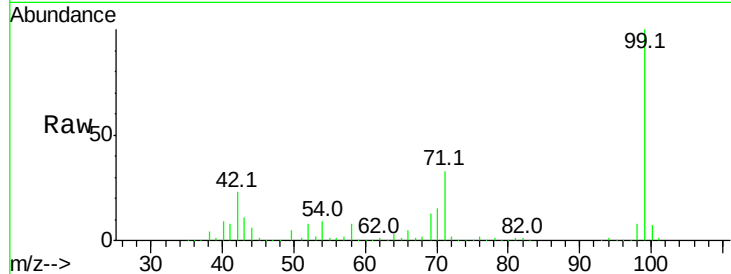
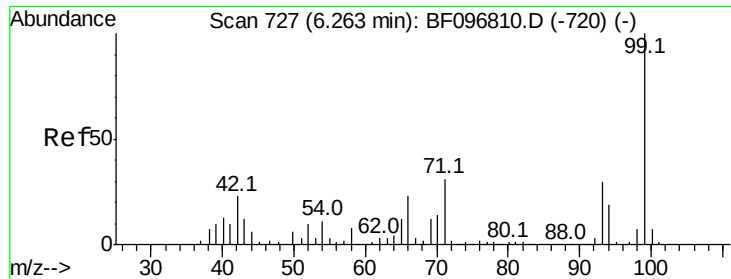
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->





#7

Phenol-d6

Concen: 120.080 ng

RT: 6.26 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF096851.D

Acq: 18 Jul 2017 16:46

Tot Ion: 99 Resp: 1130278

Ion Ratio Lower Upper

99 100

42 22.6 13.5 20.3#

71 32.6 24.5 36.7

Instrument :

BNA_F

ClientSampleId :

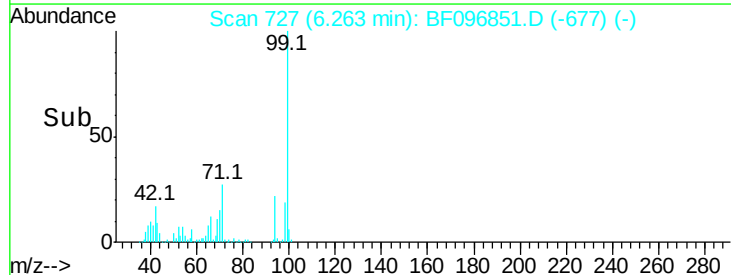
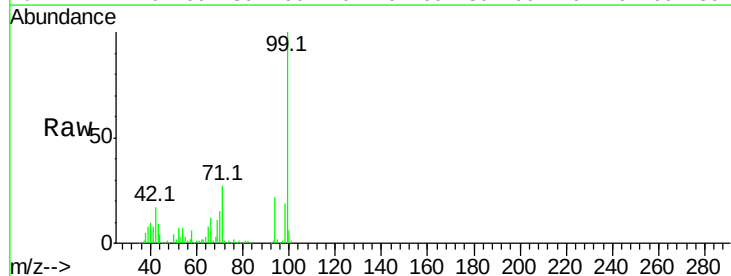
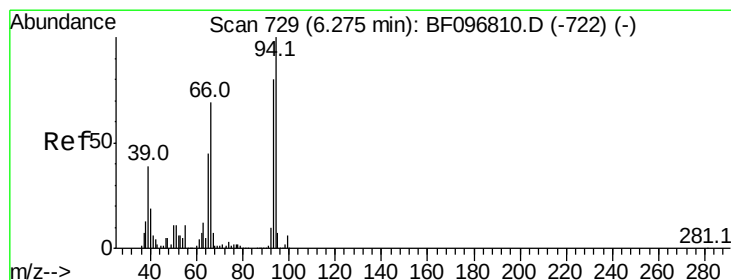
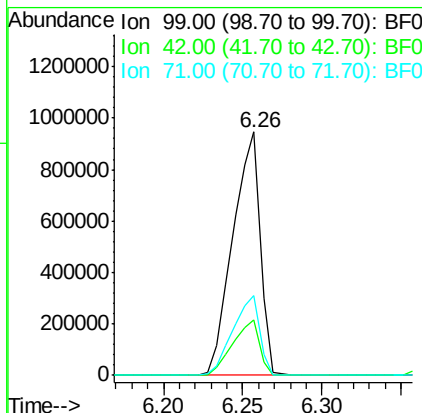
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#10

Phenol

Concen: 4.459 ng

RT: 6.26 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096851.D

Acq: 18 Jul 2017 16:46

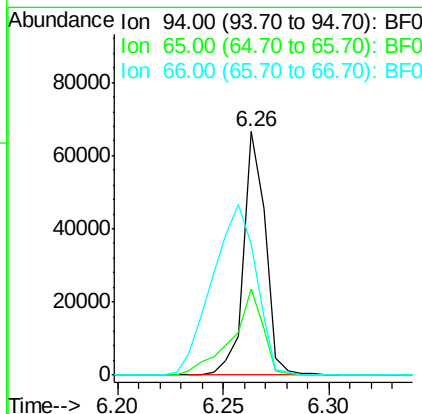
Tgt Ion: 94 Resp: 47442

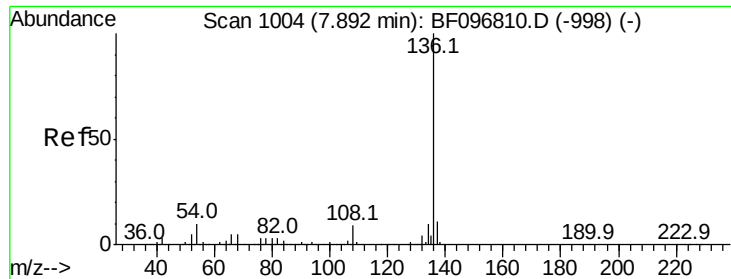
Ion Ratio Lower Upper

94 100

65 35.4 9.9 49.9

66 53.8 23.1 63.1





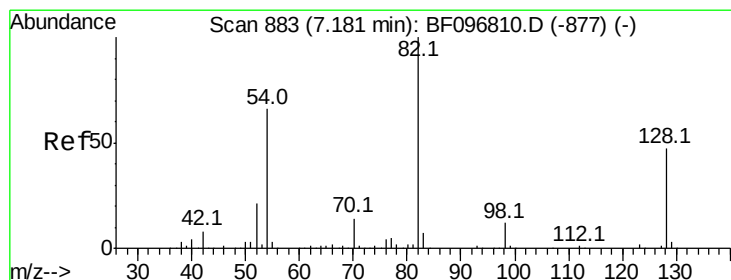
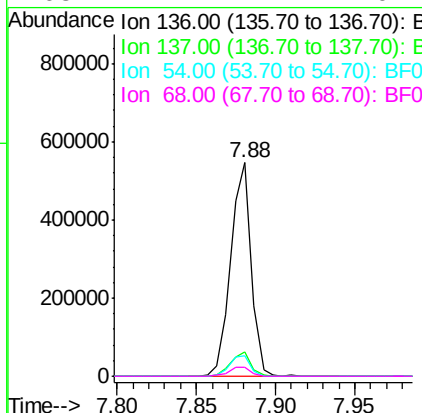
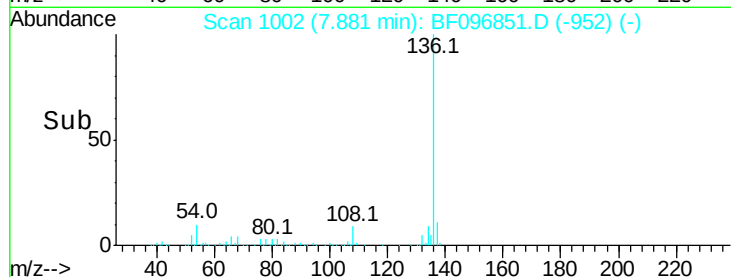
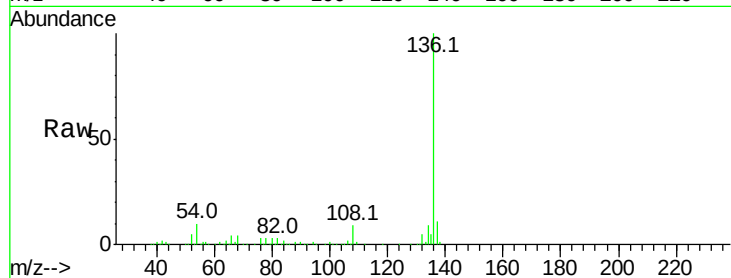
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF096851.D
Acq: 18 Jul 2017 16:46

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP-(0-8)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	491591		
137	11.3	8.5	12.7	
54	9.8	4.9	7.3	
68	4.4	4.1	6.1	

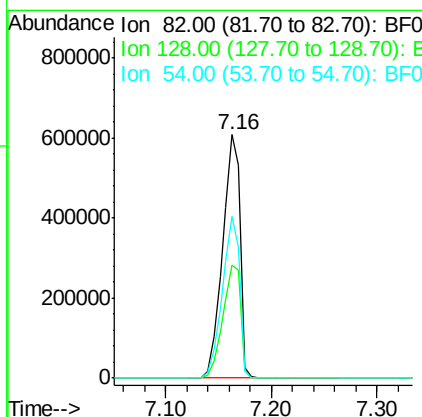
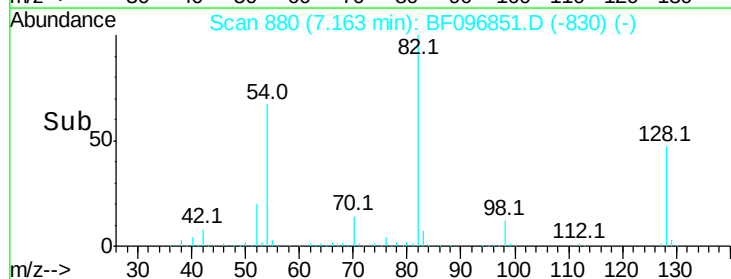
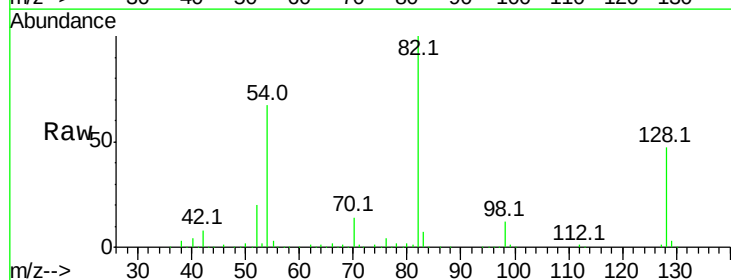
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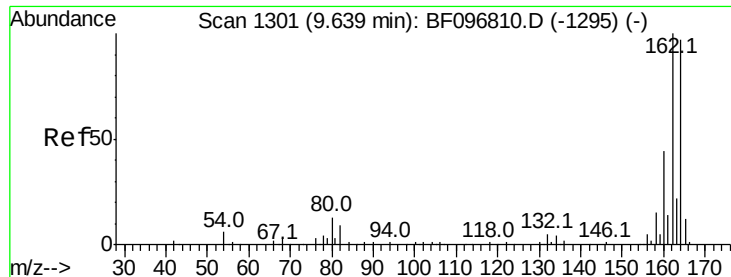
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#23
Nitrobenzene-d5
Concen: 88.091 ng
RT: 7.16 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF096851.D
Acq: 18 Jul 2017 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	699129		
128	46.6	34.0	51.0	
54	66.6	42.2	63.2	





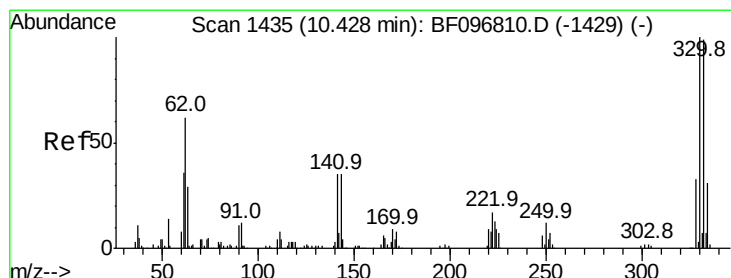
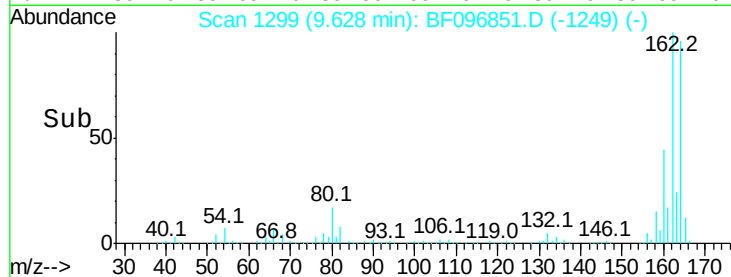
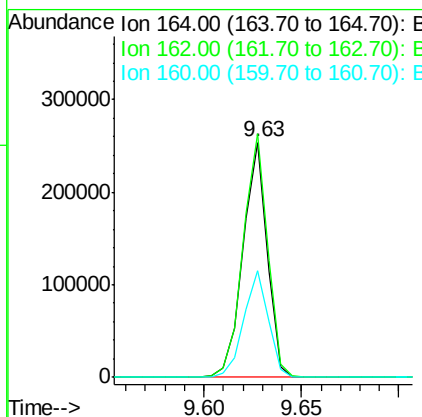
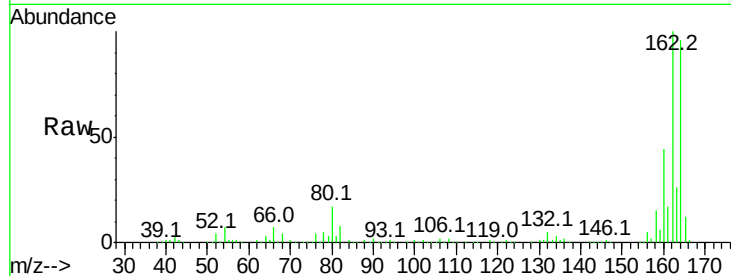
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.63 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF096851.D
 Acq: 18 Jul 2017 16:46

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMP-(0-8)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	217058		
162	103.7	82.6	123.8	
160	45.7	36.2	54.2	

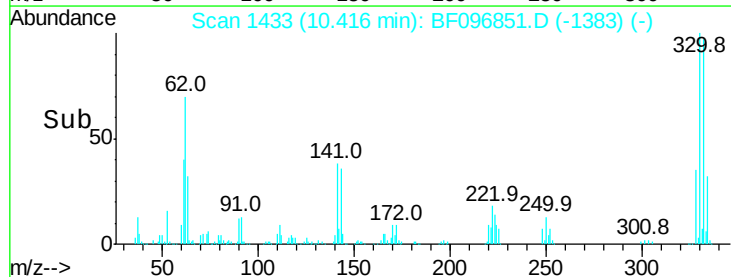
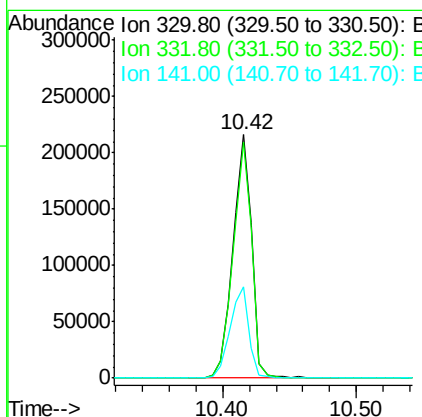
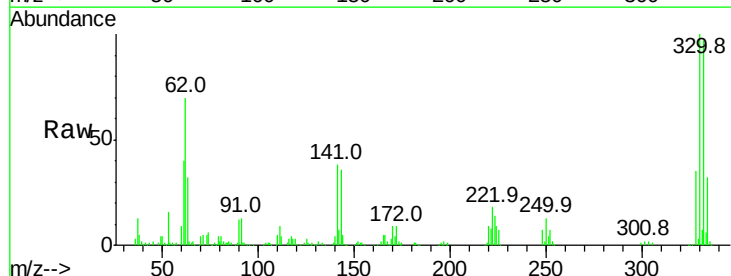
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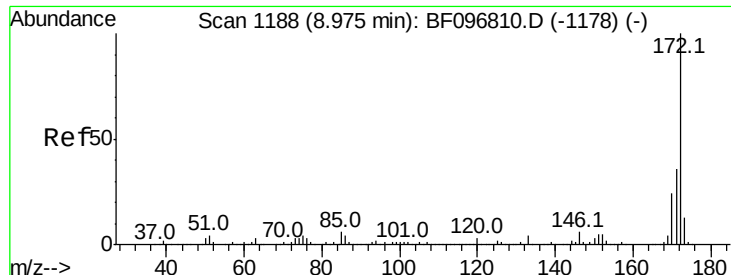
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#41
 2,4,6-Tribromophenol
 Concen: 115.612 ng
 RT: 10.42 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096851.D
 Acq: 18 Jul 2017 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	214203		
332	96.7	76.6	115.0	
141	38.0	31.4	47.2	





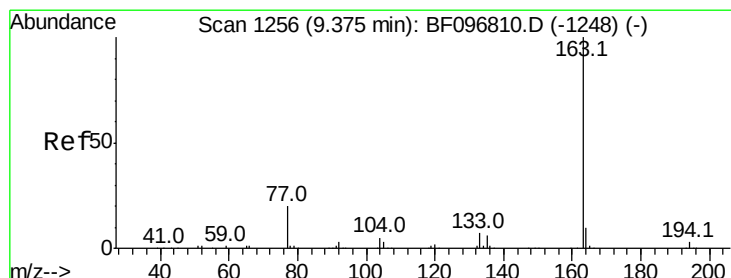
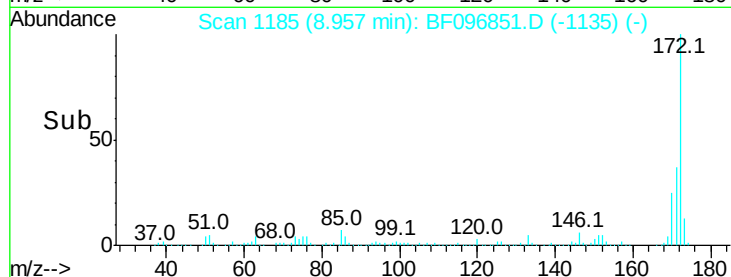
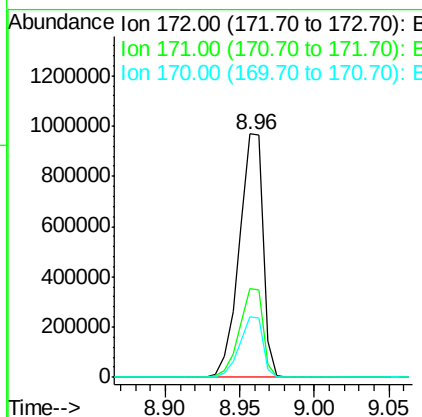
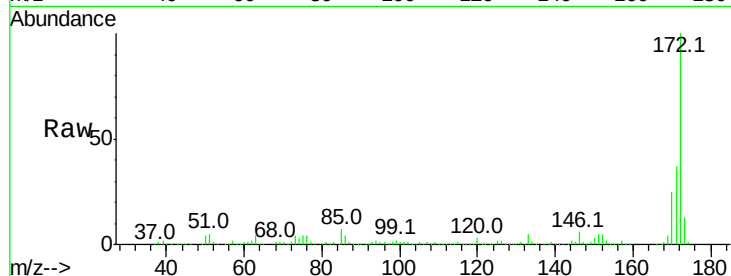
#44
2-Fluorobiphenyl
Concen: 78.417 ng
RT: 8.96 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096851.D
Acq: 18 Jul 2017 16:46

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP-(0-8)

Tot Ion:172 Resp: 1077340
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.7 19.8 29.8

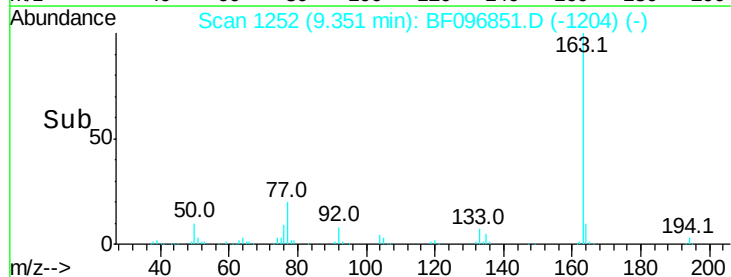
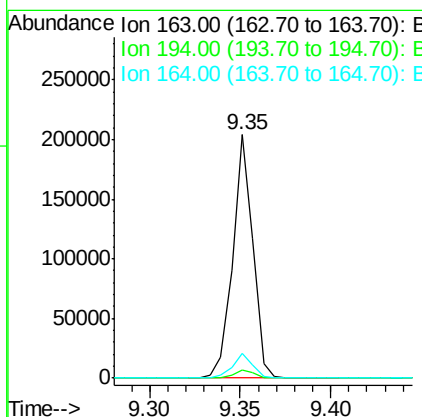
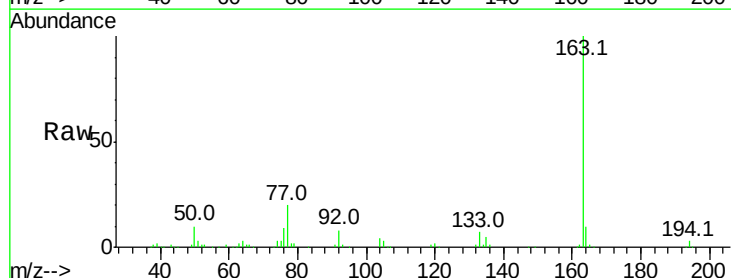
Manual Integrations
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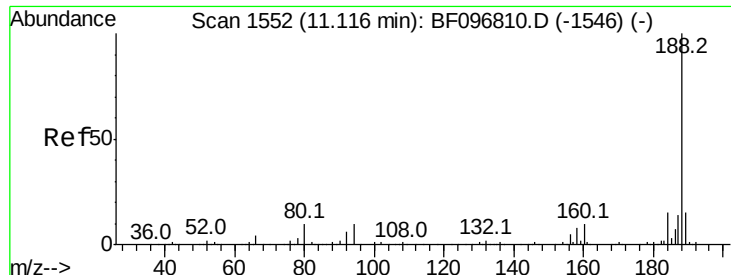
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#49
Dimethylphthalate
Concen: 9.664 ng
RT: 9.35 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096851.D
Acq: 18 Jul 2017 16:46

Tgt Ion:163 Resp: 157942
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.2 8.4 12.6





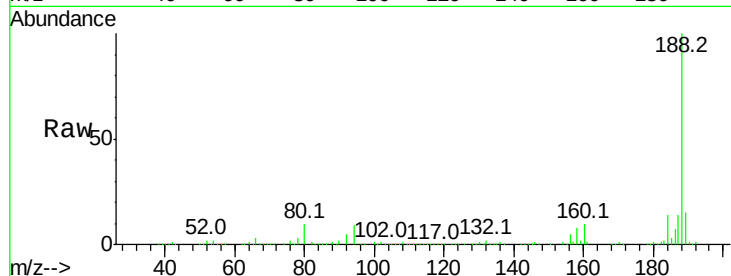
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.10 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF096851.D
 Acq: 18 Jul 2017 16:46

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMP-(0-8)

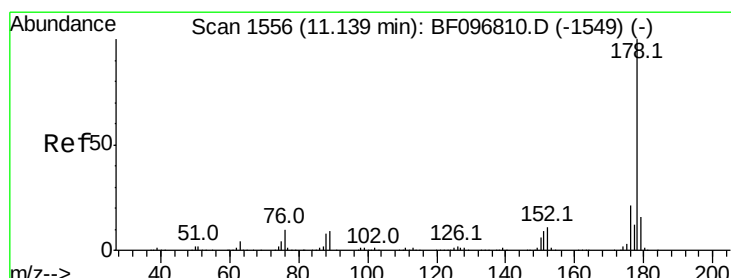
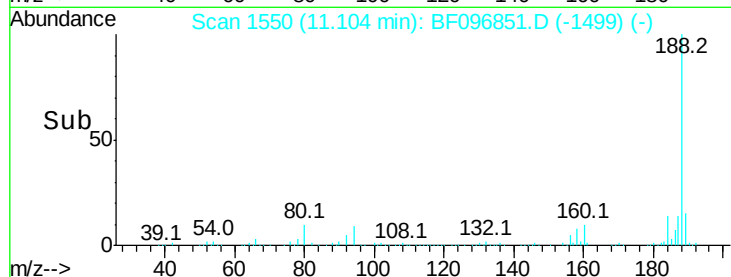
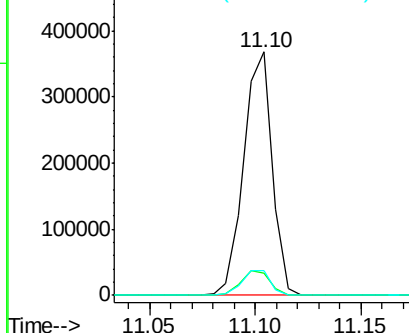
Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.1	9.4	14.2#	
80	10.1	10.2	15.2#	

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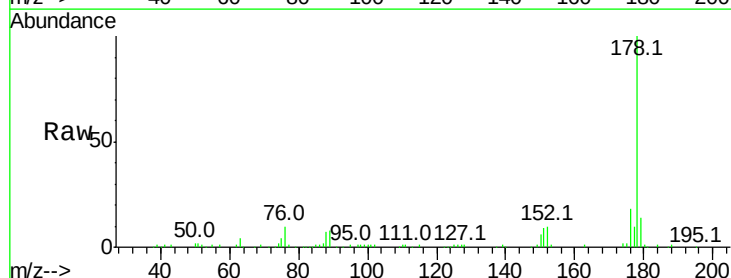


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

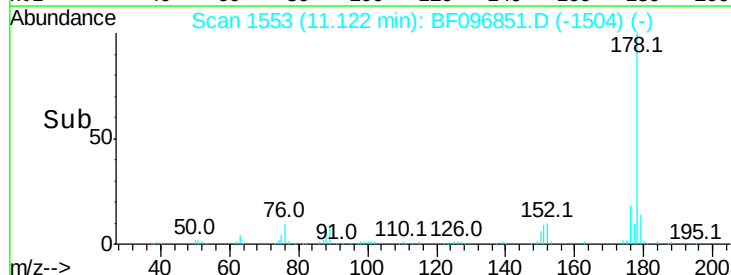
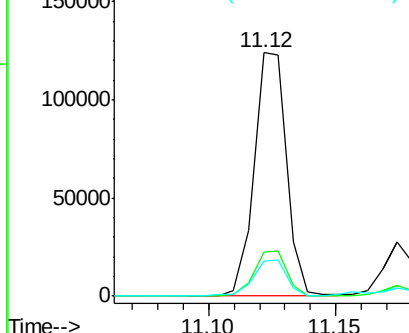


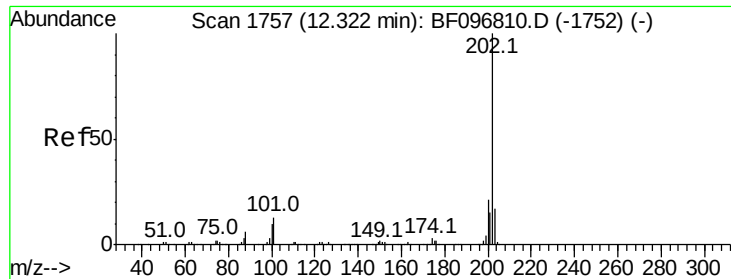
#70
 Phenanthrene
 Concen: 5.935 ng
 RT: 11.12 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF096851.D
 Acq: 18 Jul 2017 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	18.1	16.2	24.4	
179	14.3	12.6	19.0	



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: 10.898 ng

RT: 12.30 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF096851.D

Acq: 18 Jul 2017 16:46

Instrument :

BNA_F

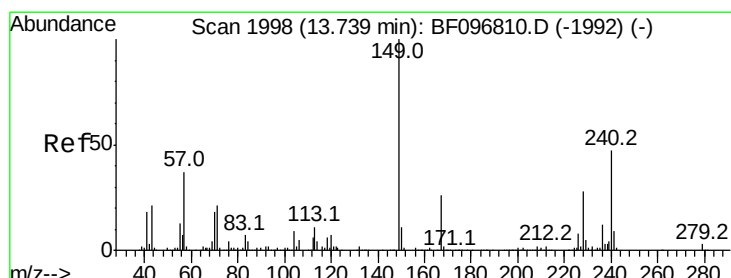
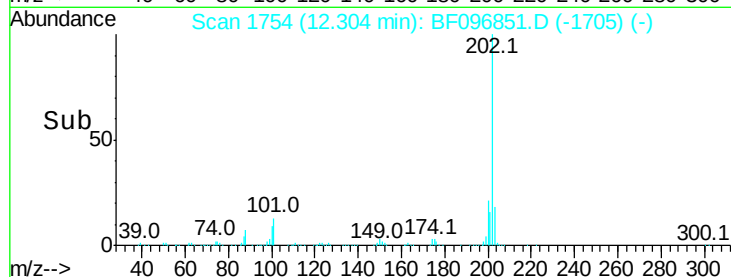
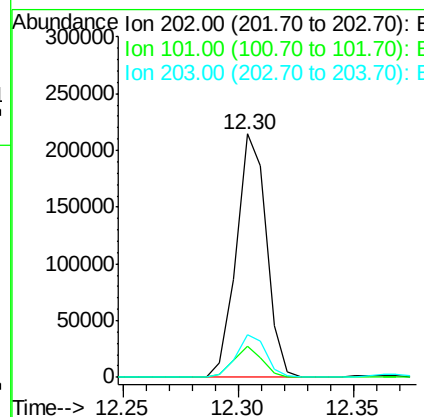
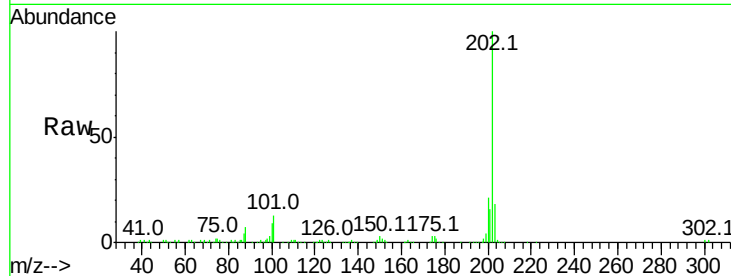
ClientSampleId :

TP-1-COMP-(0-8)

Tot Ion:	202	Resp:	195278
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	33.2
203	17.5	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

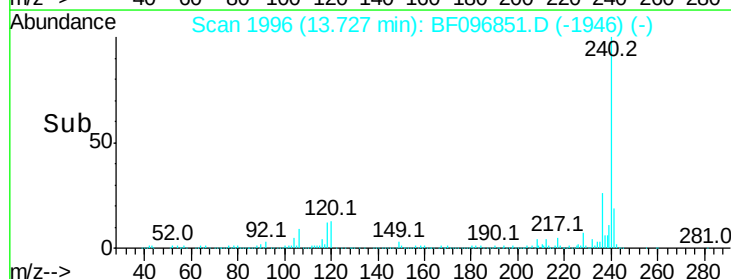
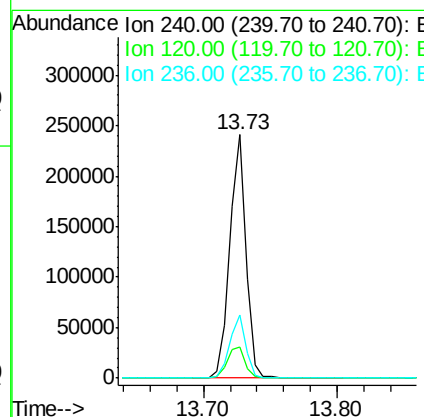
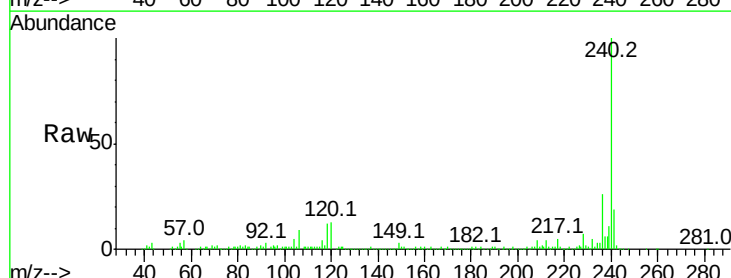
RT: 13.73 min Scan# 1996

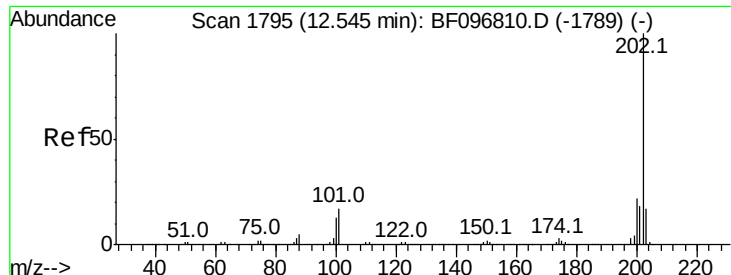
Delta R.T. -0.01 min

Lab File: BF096851.D

Acq: 18 Jul 2017 16:46

Tgt Ion:	240	Resp:	208262
Ion Ratio	Lower	Upper	
240	100		
120	12.9	5.8	8.8#
236	26.0	20.5	30.7





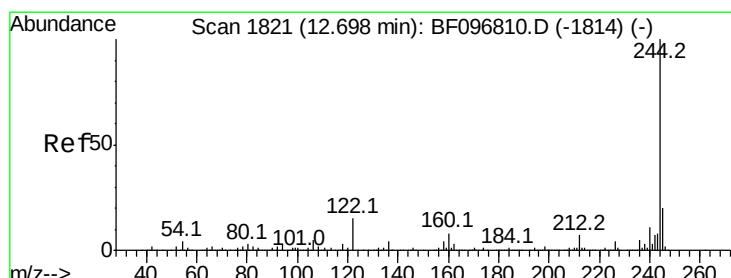
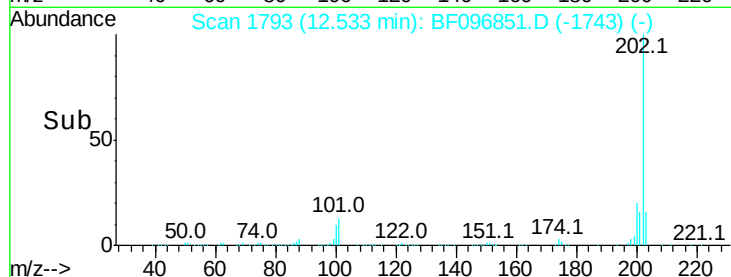
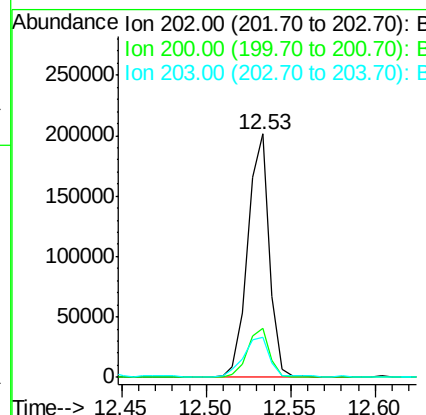
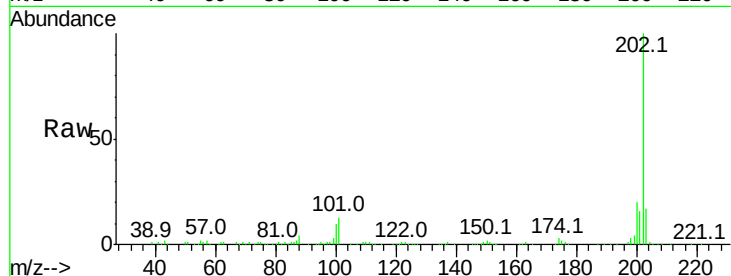
#77
Pvrene
Concen: 9.430 ng
RT: 12.53 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF096851.D
Acq: 18 Jul 2017 16:46

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP-(0-8)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.2	17.6	26.4
203	16.7	14.4	21.6

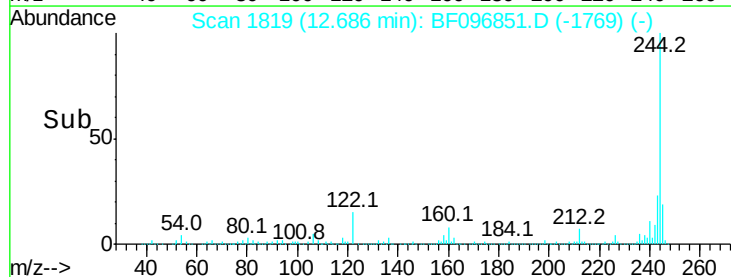
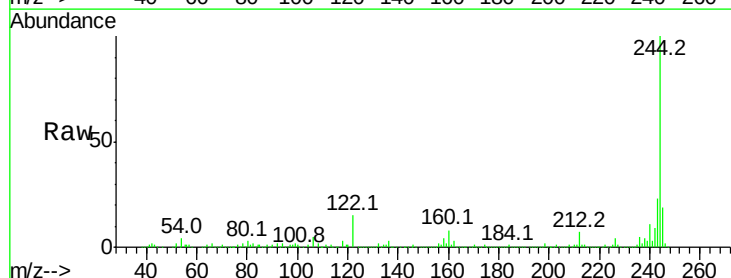
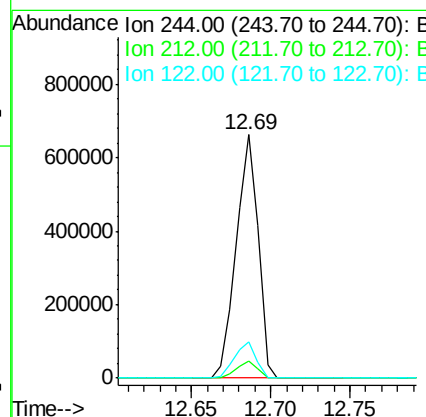
Manual Integrations
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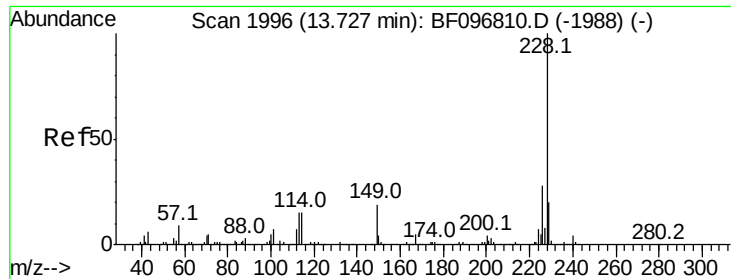
mohammad
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#78
Terphenyl-d14
Concen: 53.048 ng
RT: 12.69 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF096851.D
Acq: 18 Jul 2017 16:46

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.8	10.3	15.5





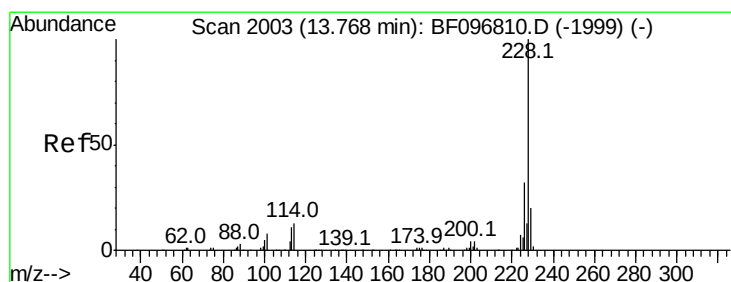
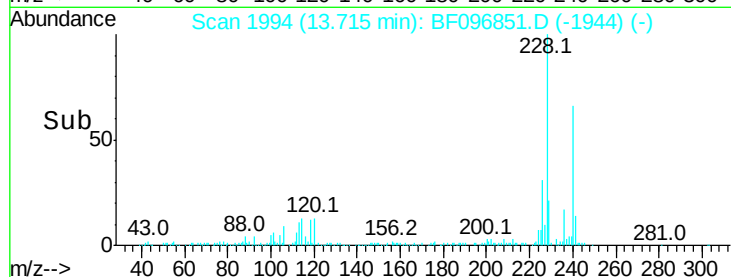
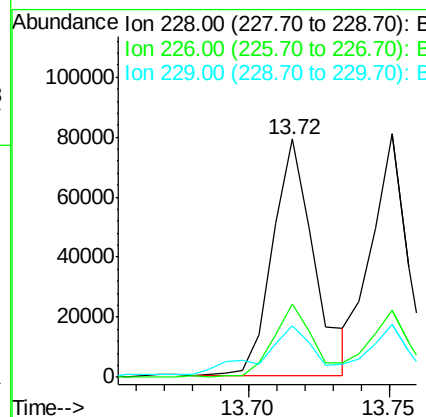
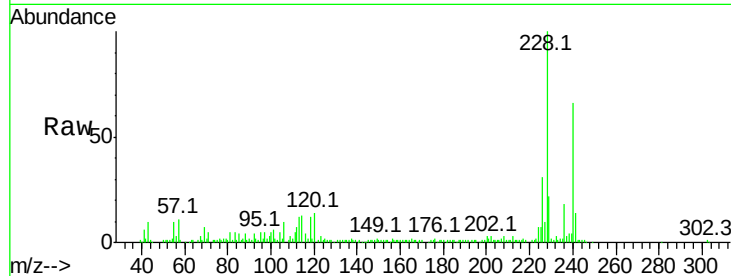
#80
Benzo(a)anthracene
Concen: 6.165 ng
RT: 13.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF096851.D
Acq: 18 Jul 2017 16:46

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP-(0-8)

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	21.6	16.3	24.5

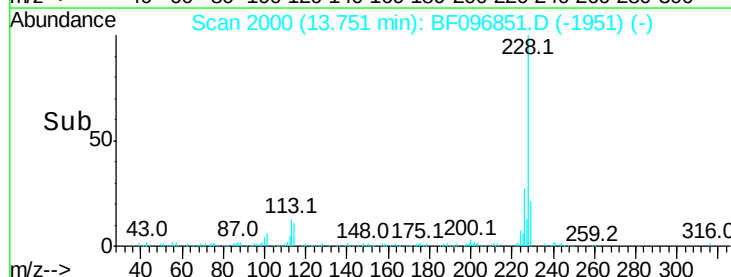
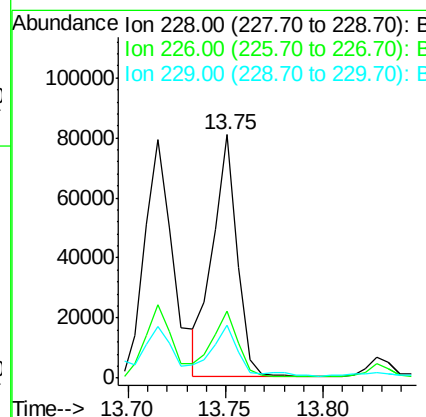
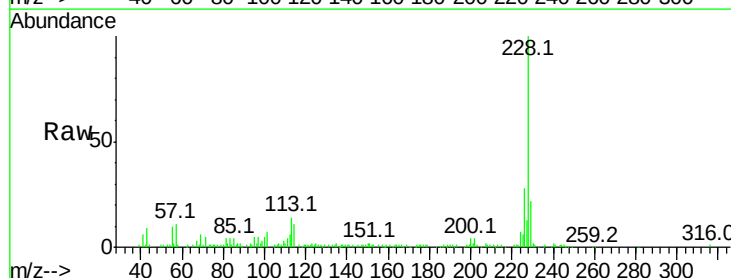
Manual Integrations
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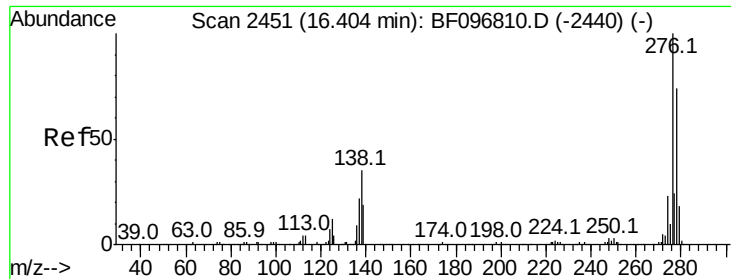
mohammad
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#82
Chrysene
Concen: 5.513 ng
RT: 13.75 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF096851.D
Acq: 18 Jul 2017 16:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.9	37.3
229	21.7	15.8	23.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 7.320 ng

RT: 16.37 min Scan# 2446

Delta R.T. -0.02 min

Lab File: BF096851.D

Acq: 18 Jul 2017 16:46

Instrument :

BNA_F

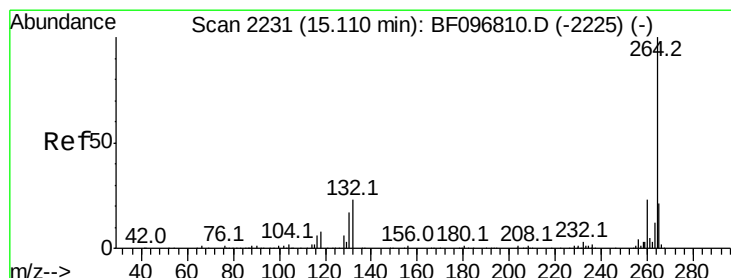
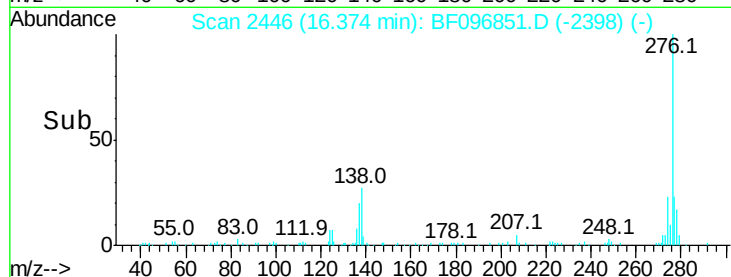
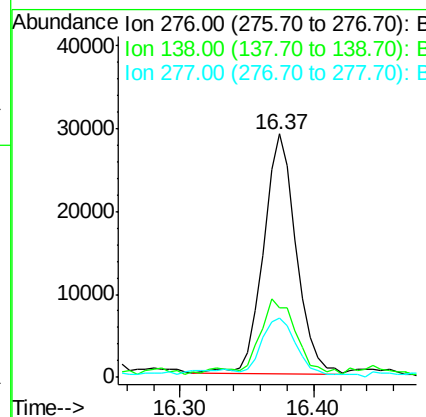
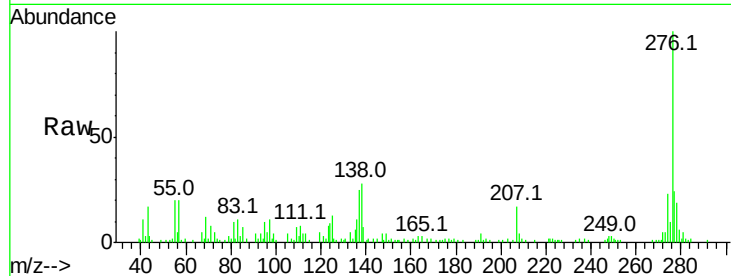
ClientSampleId :

TP-1-COMP-(0-8)

Tot Ion:	276	Resp:	49243
Ion Ratio	Lower	Upper	
276	100		
138	33.4	27.8	41.6
277	27.6	20.2	30.4

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#86

Perylene-d12

Concen: 20.000 ng

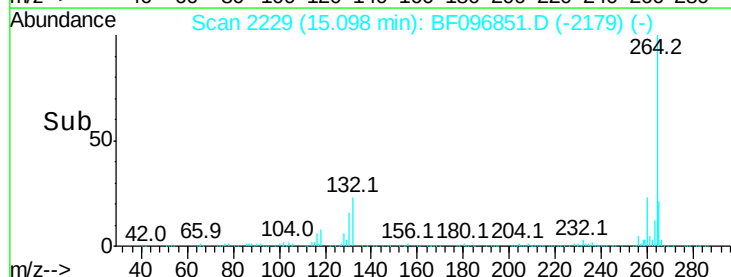
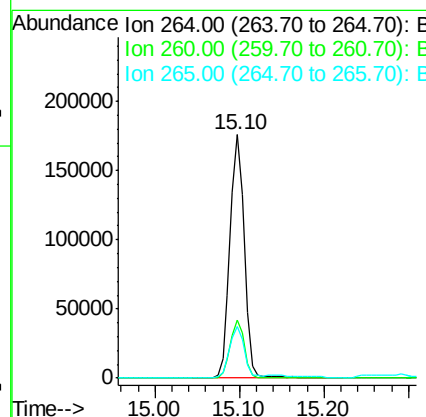
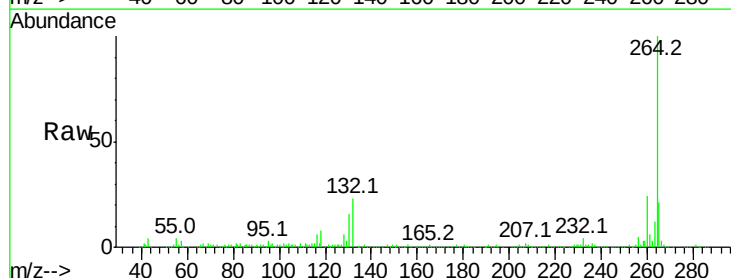
RT: 15.10 min Scan# 2229

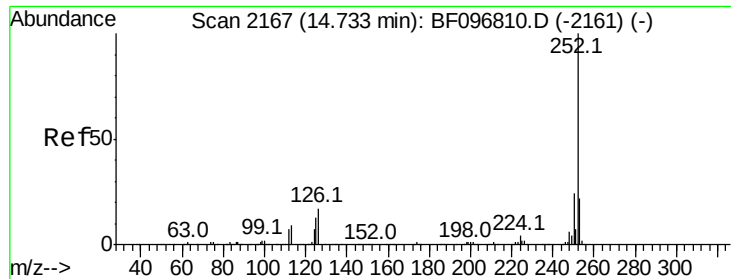
Delta R.T. -0.01 min

Lab File: BF096851.D

Acq: 18 Jul 2017 16:46

Tgt Ion:	264	Resp:	208041
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.5	29.3
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 8.671 ng m

RT: 14.72 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BF096851.D

Acq: 18 Jul 2017 16:46

Instrument :

BNA_F

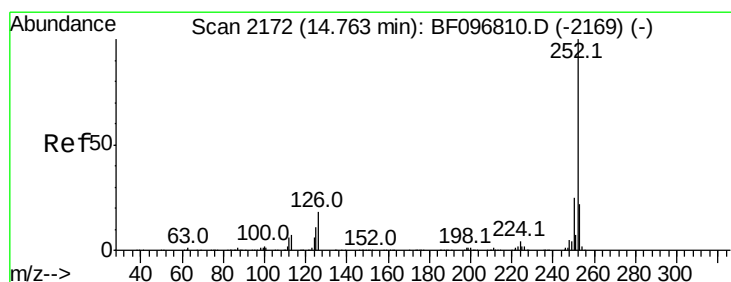
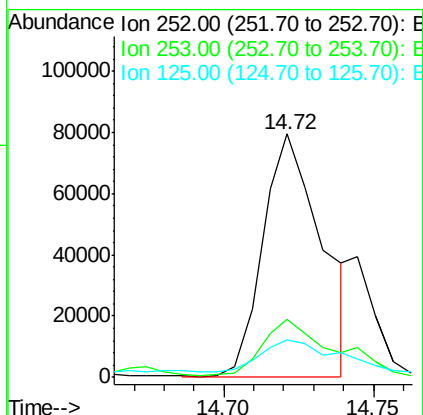
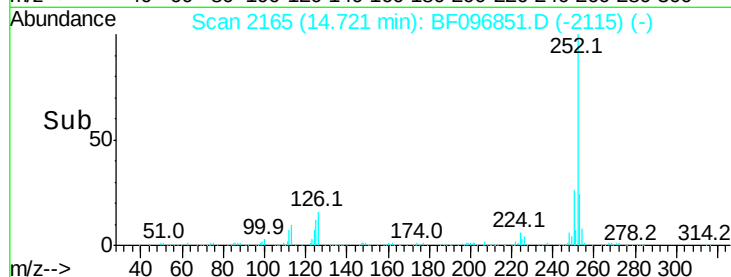
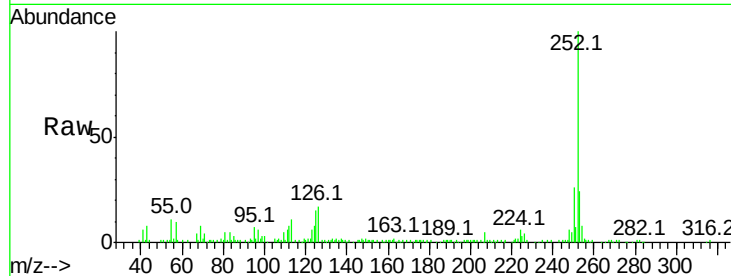
ClientSampleId :

TP-1-COMP-(0-8)

Tot Ion:	252	Resp:	108801
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.1	27.1
125	15.3	9.8	14.8#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 2.077 ng m

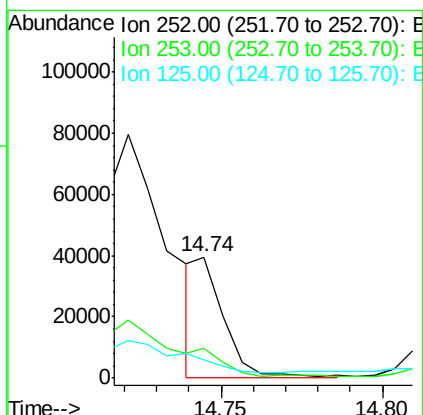
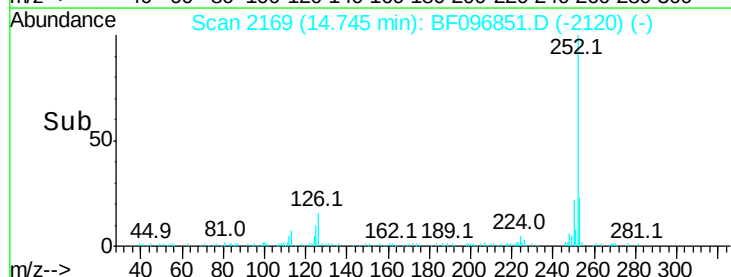
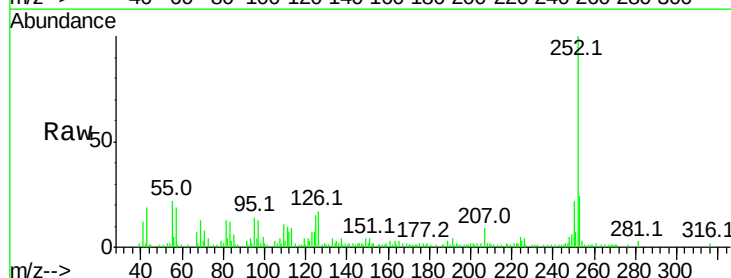
RT: 14.74 min Scan# 2169

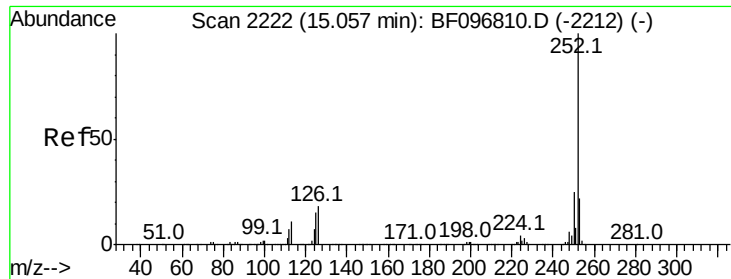
Delta R.T. -0.01 min

Lab File: BF096851.D

Acq: 18 Jul 2017 16:46

Tgt Ion:	252	Resp:	24678
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.4	27.6
125	15.3	13.1	19.7





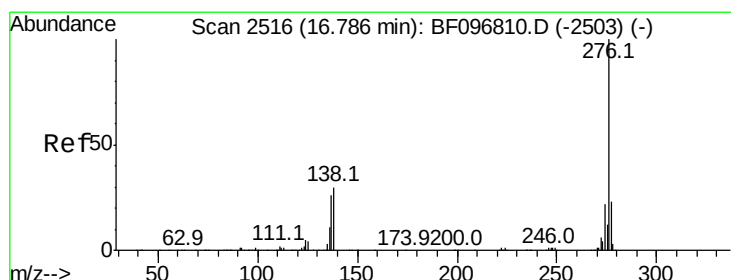
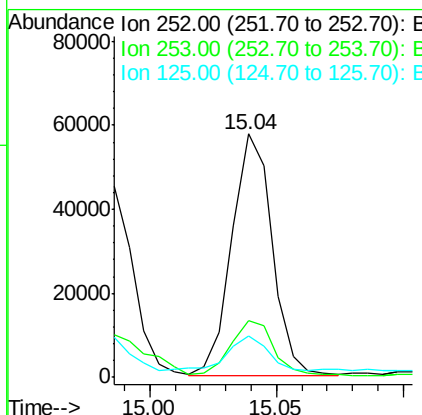
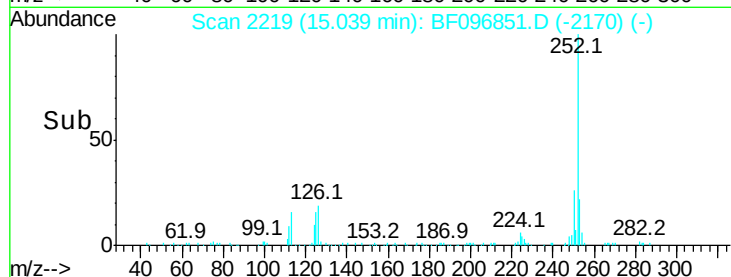
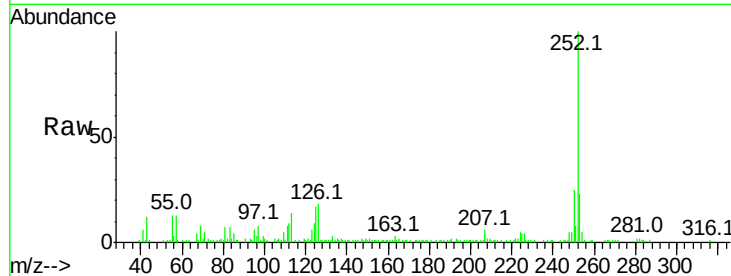
#89
Benzo(a)pyrene
Concen: 5.567 ng
RT: 15.04 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF096851.D
Acq: 18 Jul 2017 16:46

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP-(0-8)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	16.9	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.979 ng
RT: 16.76 min Scan# 2511
Delta R.T. -0.02 min
Lab File: BF096851.D
Acq: 18 Jul 2017 16:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.6	28.0
138	33.7	25.4	38.0

