

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
 Data File : BF096792.D
 Acq On : 15 Jul 2017 00:51
 Operator : SJ/JU
 Sample : I4187-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB2-0-2

Manual Integrations
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Quant Time: Jul 17 04:46:32 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	99025	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	399904	20.00	ng	-0.02
38) Acenaphthene-d10	9.65	164	165283	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	267442	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	184656	20.00	ng	-0.02
86) Perylene-d12	15.14	264	184381	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	703225	106.78	ng	0.00
7) Phenol-d6	6.27	99	846716	107.13	ng	0.00
23) Nitrobenzene-d5	7.19	82	419721	65.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.44	330	128985	91.42	ng	-0.02
44) 2-Fluorobiphenyl	8.99	172	739033	70.64	ng	-0.01
78) Terphenyl-d14	12.72	244	459294	43.14	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.37	163	79609	6.397	ng	99
70) Phenanthrene	11.15	178	37674	2.591	ng	94
74) Fluoranthene	12.34	202	83368	5.990	ng	97
77) Pyrene	12.56	202	71905	4.291	ng	98
79) Butylbenzylphthalate	13.19	149	8148	2.047	ng	# 83
80) Benzo(a)anthracene	13.74	228	32738m	2.845	ng	
82) Chrysene	13.78	228	37232	3.287	ng	97
83) Bis(2-ethylhexyl)phthalate	13.76	149	21143m	2.180	ng	
85) Indeno(1,2,3-cd)pyrene	16.43	276	24123m	5.540	ng	
87) Benzo(b)fluoranthene	14.76	252	61530m	5.533	ng	
89) Benzo(a)pyrene	15.08	252	37369	3.664	ng	# 94
91) Benzo(g,h,i)perylene	16.82	276	25385	2.526	ng	97

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

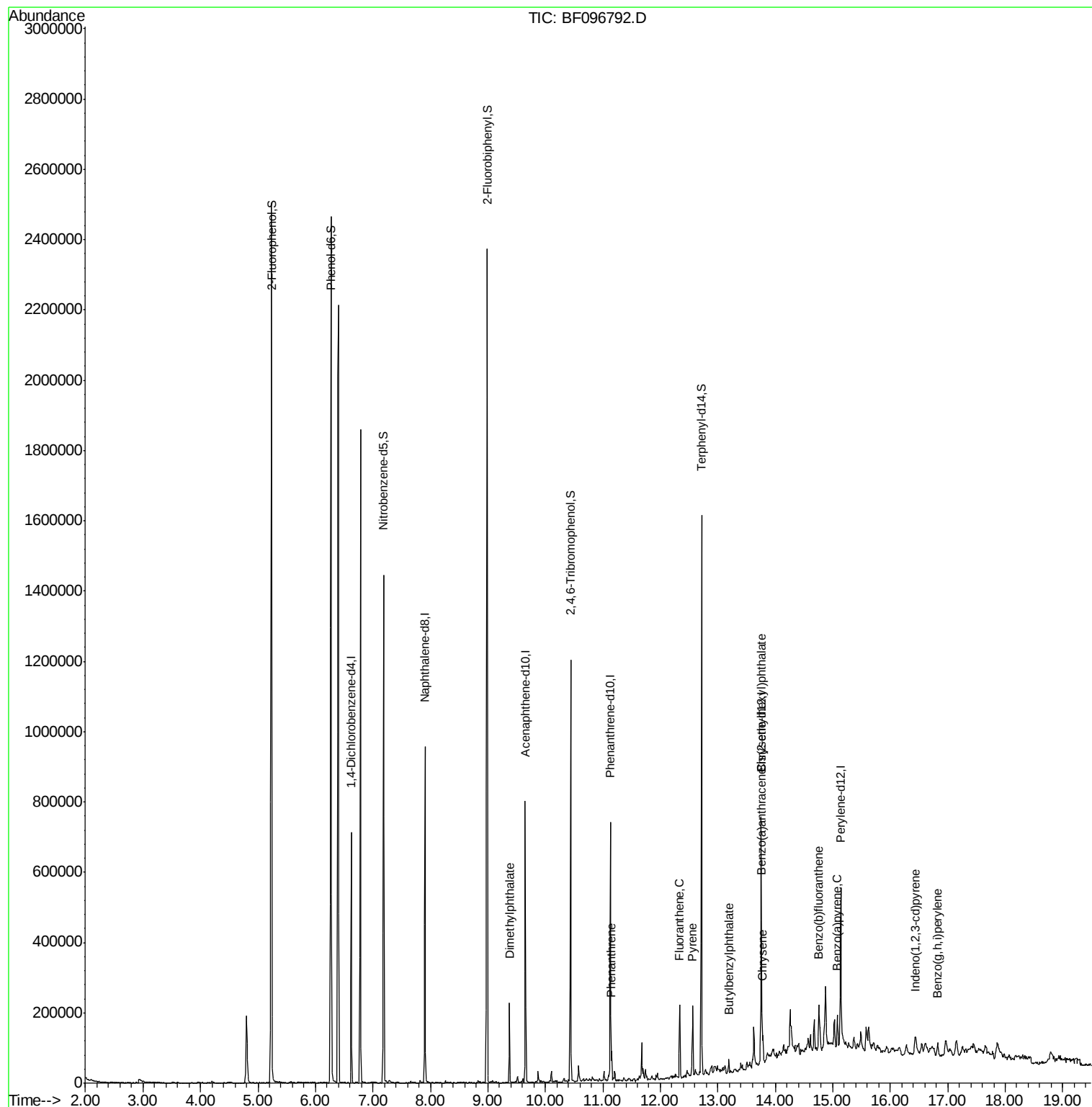
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
Data File : BF096792.D
Acq On : 15 Jul 2017 00:51
Operator : SJ/JU
Sample : I4187-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

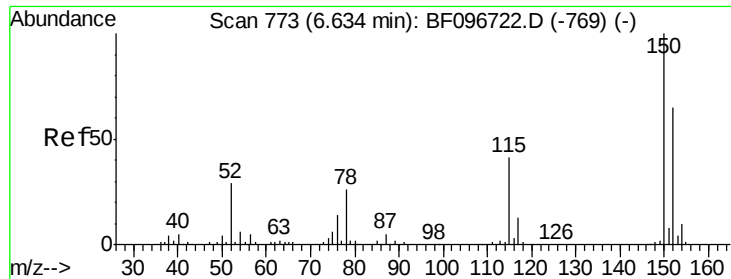
Instrument :
BNA_F
ClientSampleId :
CI-SB2-0-2

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Quant Time: Jul 17 04:46:32 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

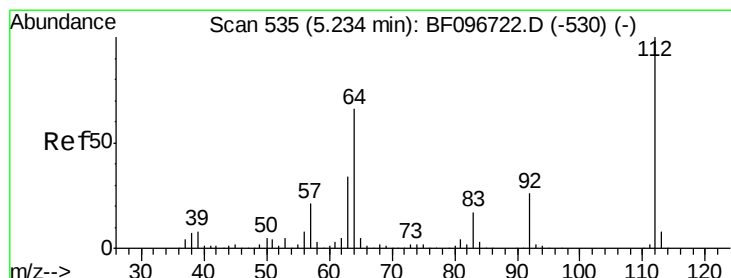
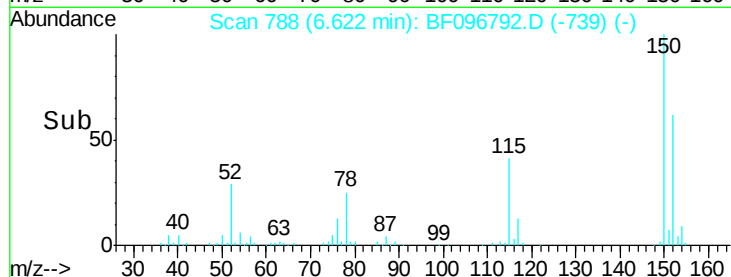
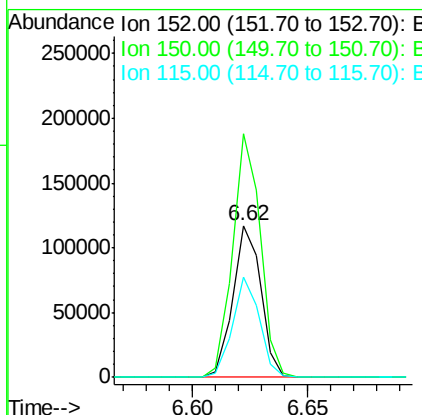
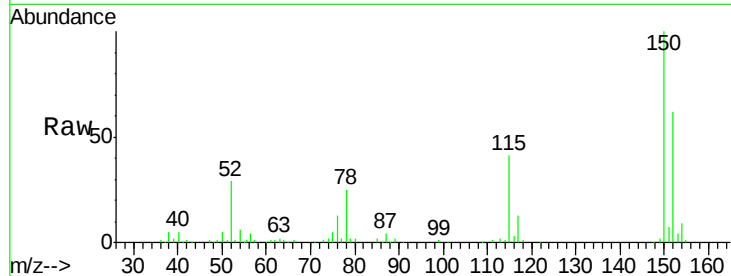
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF096792.D
Acq: 15 Jul 2017 00:51

Instrument :
BNA_F
ClientSampleId :
CI-SB2-0-2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.8	126.2	189.2
115	65.8	52.2	78.2

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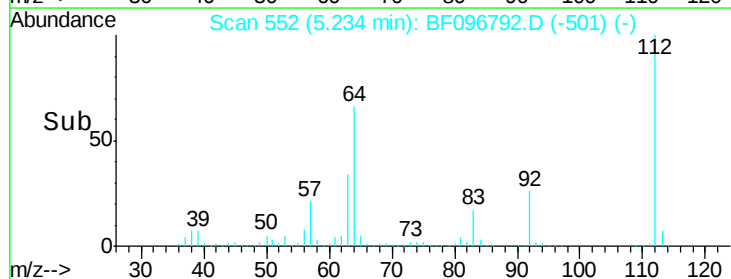
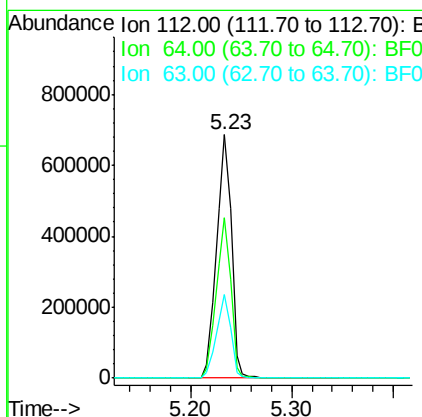
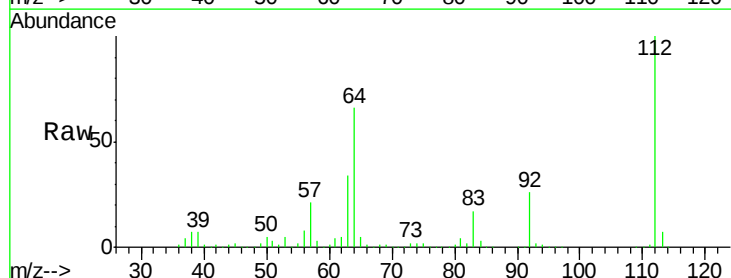
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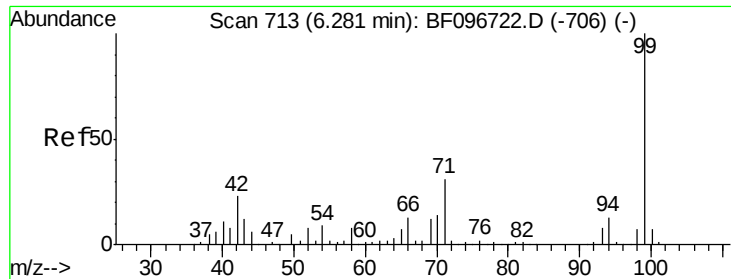


#5

2-Fluorophenol
Concen: 106.777 ng
RT: 5.23 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF096792.D
Acq: 15 Jul 2017 00:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	46.0	69.0
63	34.4	23.4	35.0





#7

Phenol-d6

Concen: 107.134 ng

RT: 6.27 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF096792.D

Acq: 15 Jul 2017 00:51

Instrument :

BNA_F

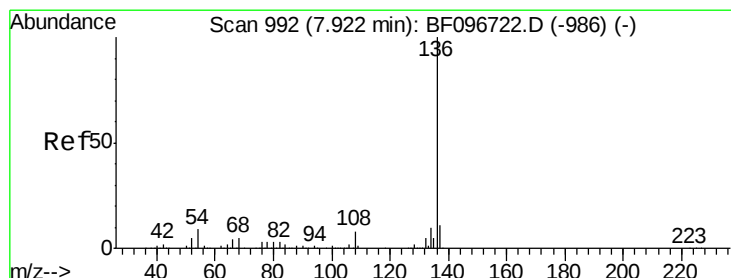
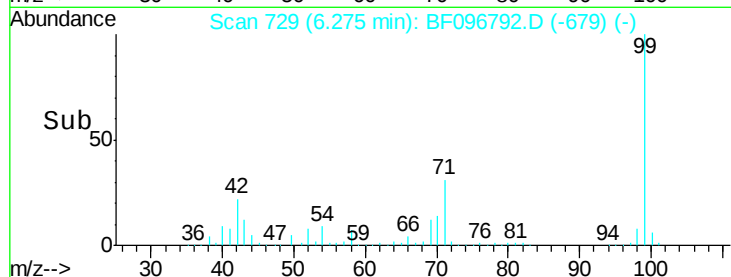
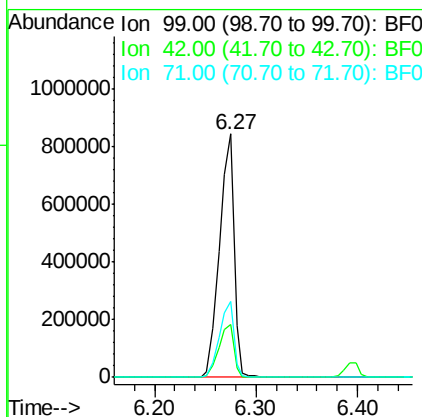
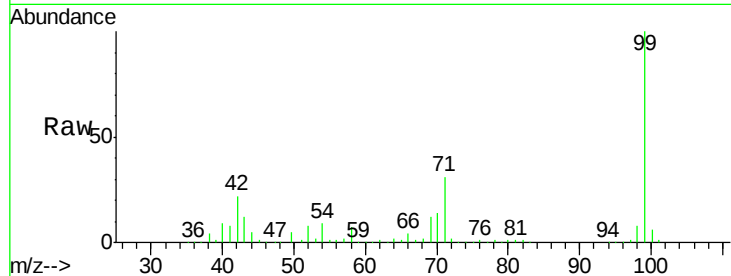
ClientSampleId :

CI-SB2-0-2

Tgt Ion:	99	Resp:	846716
Ion Ratio	Lower	Upper	
99	100		
42	21.9	13.5	20.3#
71	31.1	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

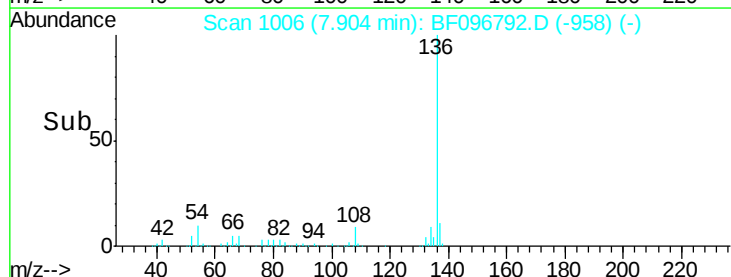
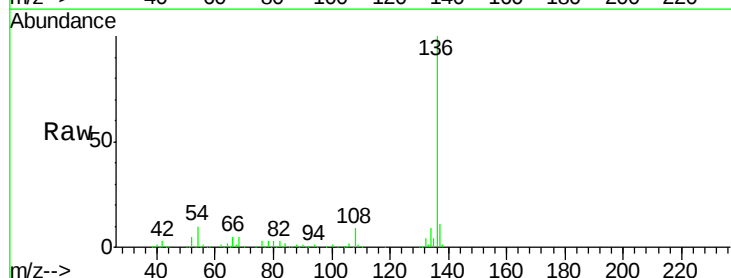
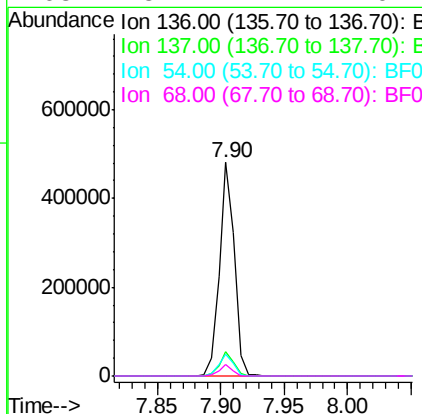
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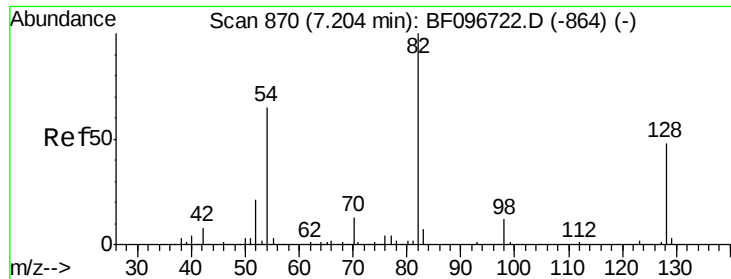
Delta R.T. -0.02 min

Lab File: BF096792.D

Acq: 15 Jul 2017 00:51

Tgt Ion:	136	Resp:	399904
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.5	12.7
54	10.3	4.9	7.3#
68	5.2	4.1	6.1





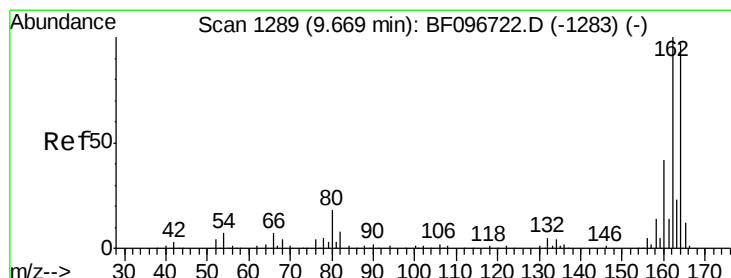
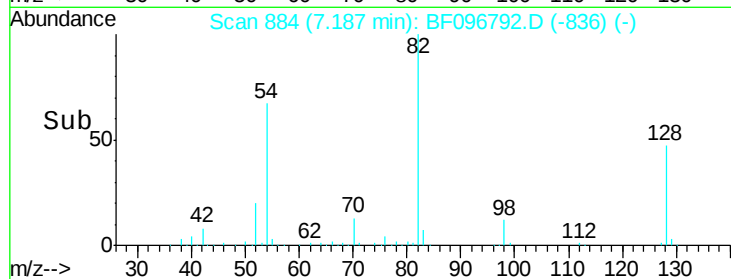
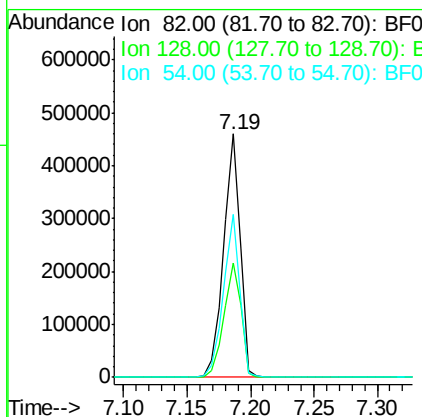
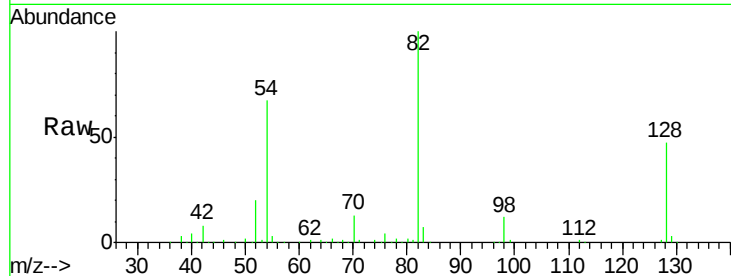
#23
 Nitrobenzene-d5
 Concen: 65.010 ng
 RT: 7.19 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF096792.D
 Acq: 15 Jul 2017 00:51

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB2-0-2

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	419721		
128	46.8	34.0	51.0	
54	67.2	42.2	63.2	

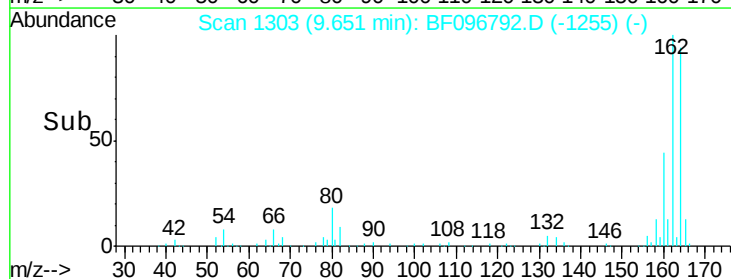
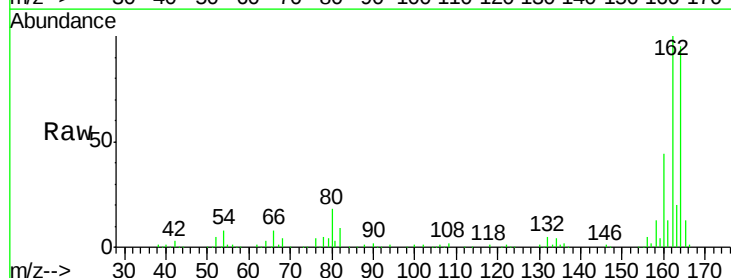
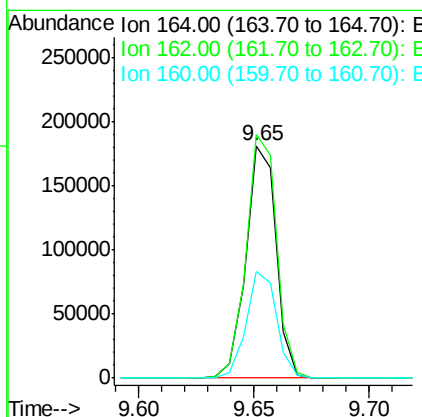
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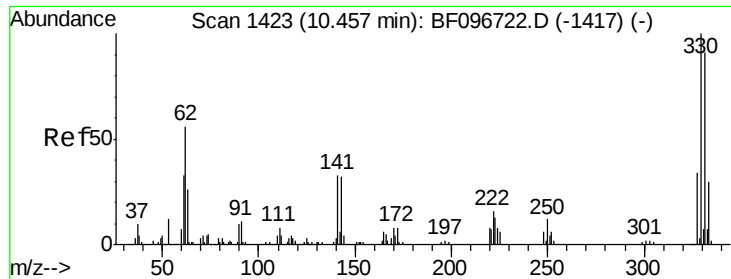
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.65 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF096792.D
 Acq: 15 Jul 2017 00:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	165283		
162	104.9	82.6	123.8	
160	45.9	36.2	54.2	





#41

2,4,6-Tribromophenol

Concen: 91.425 ng

RT: 10.44 min Scan# 1437

Delta R.T. -0.02 min

Lab File: BF096792.D

Acq: 15 Jul 2017 00:51

Instrument :

BNA_F

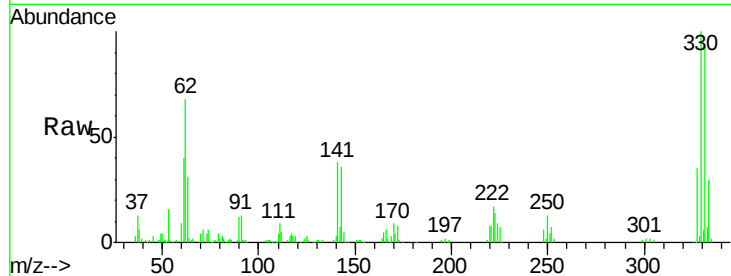
ClientSampleId :

CI-SB2-0-2

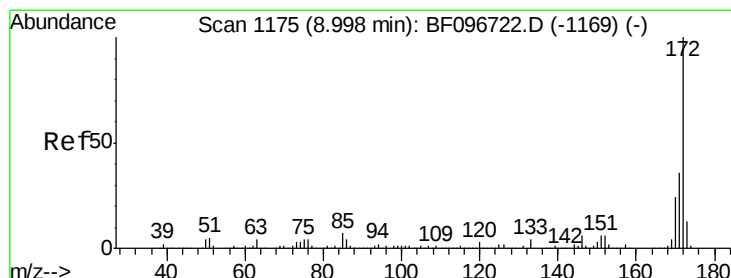
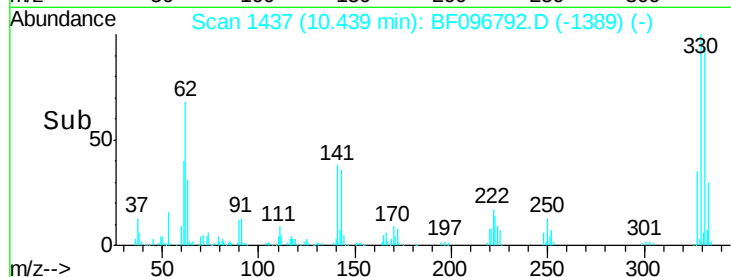
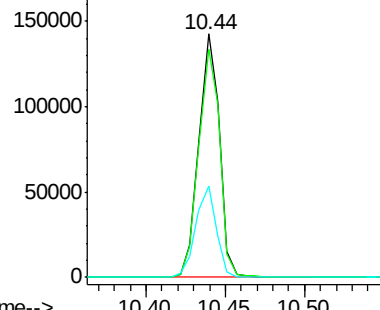
Tgt Ion:	330	Resp:	128985
Ion Ratio	Lower	Upper	
330	100		
332	95.5	76.6	115.0
141	37.3	31.4	47.2

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



#44

2-Fluorobiphenyl

Concen: 70.643 ng

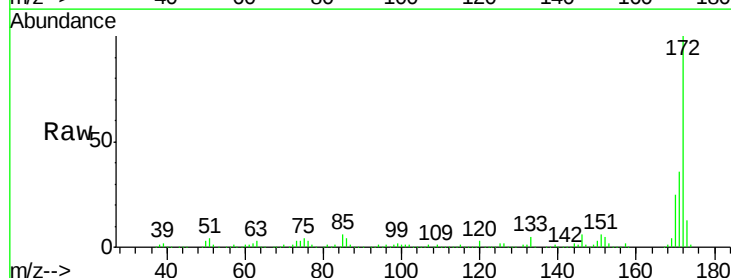
RT: 8.99 min Scan# 1190

Delta R.T. -0.01 min

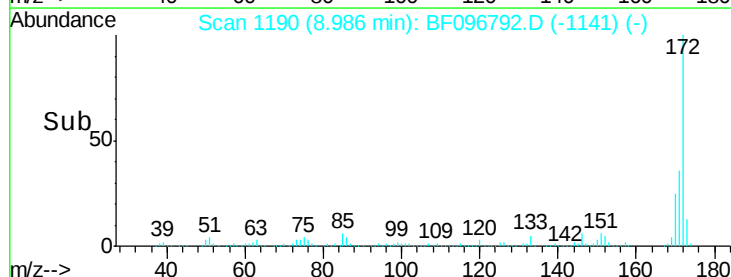
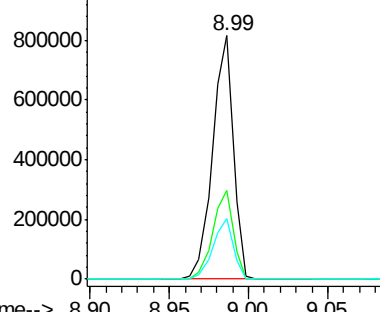
Lab File: BF096792.D

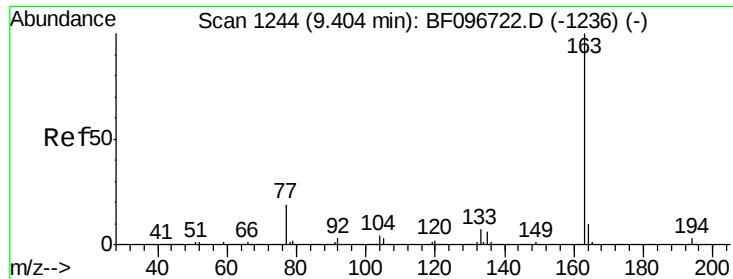
Acq: 15 Jul 2017 00:51

Tgt Ion:	172	Resp:	739033
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.6	44.4
170	24.7	19.8	29.8



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





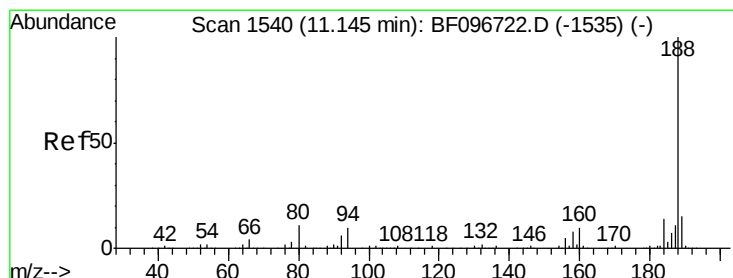
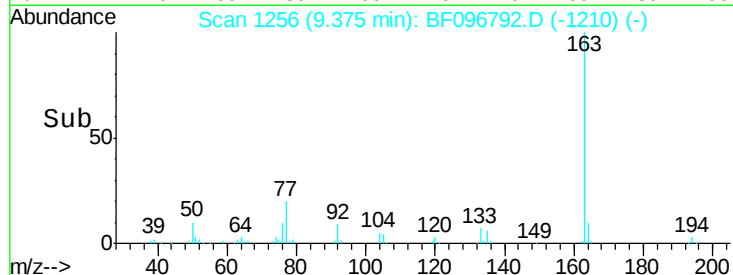
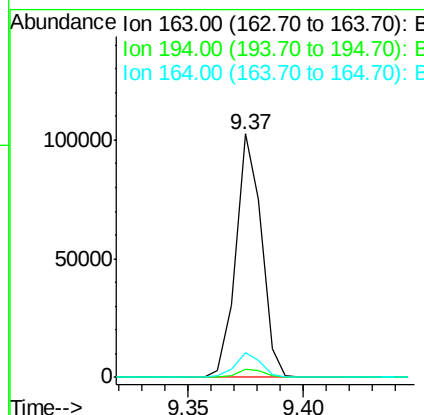
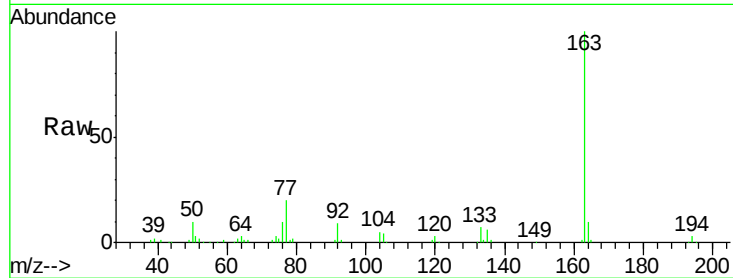
#49
Dimethylphthalate
Concen: 6.397 ng
RT: 9.37 min Scan# 1256
Delta R.T. -0.03 min
Lab File: BF096792.D
Acq: 15 Jul 2017 00:51

Instrument :
BNA_F
ClientSampled :
CI-SB2-0-2

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	79609		
194	3.2		2.6	4.0
164	10.2		8.4	12.6

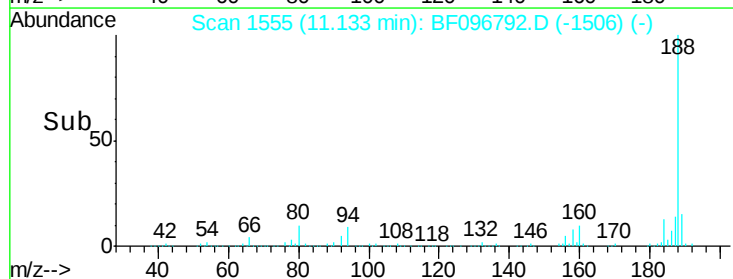
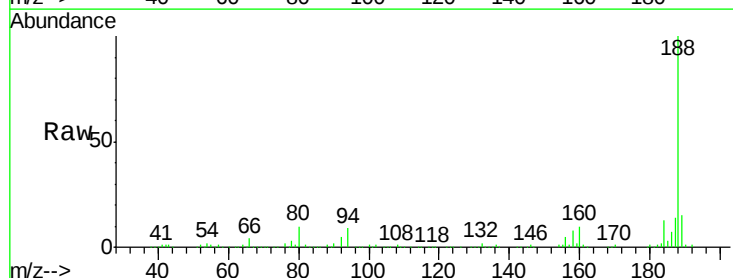
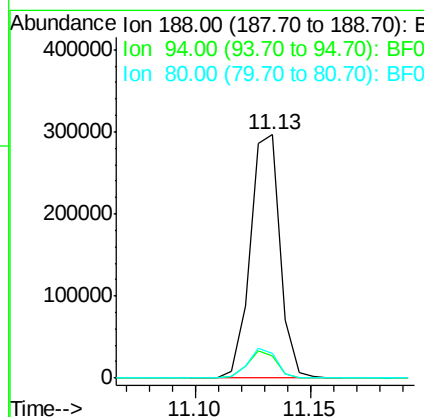
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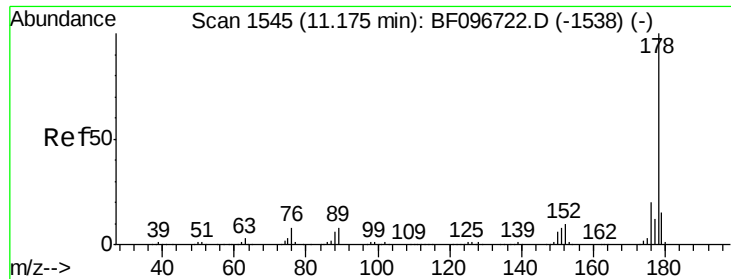
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.13 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF096792.D
Acq: 15 Jul 2017 00:51

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	267442		
94	9.3		9.4	14.2#
80	9.9		10.2	15.2#





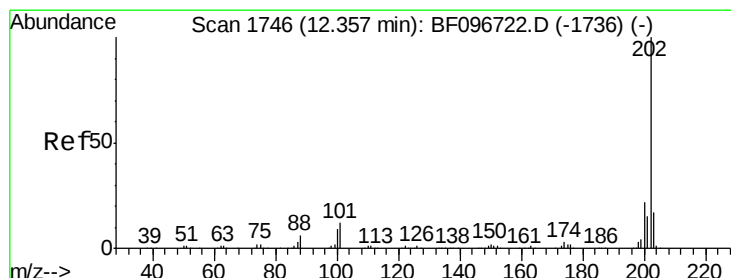
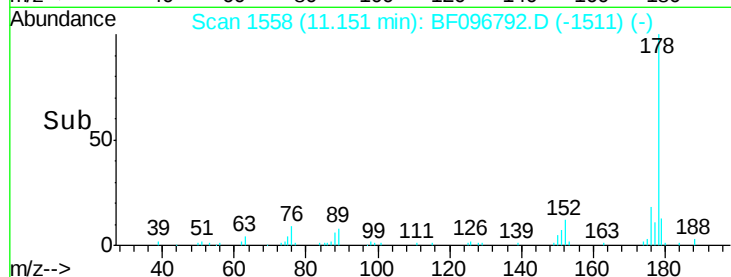
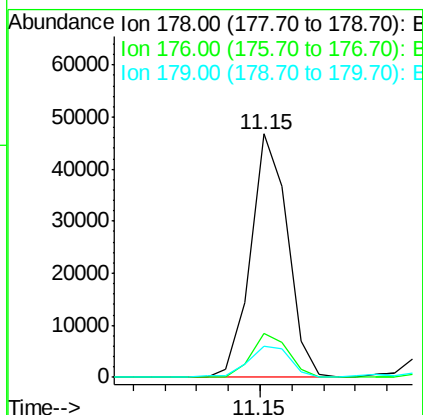
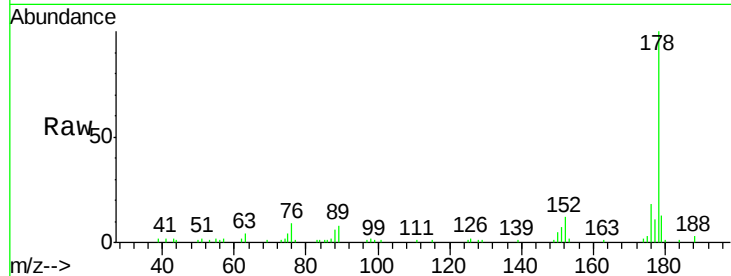
#70
Phenanthrene
Concen: 2.591 ng
RT: 11.15 min Scan# 1558
Delta R.T. -0.02 min
Lab File: BF096792.D
Acq: 15 Jul 2017 00:51

Instrument :
BNA_F
ClientSampleId :
CI-SB2-0-2

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.2	24.4
179	12.7	12.6	19.0

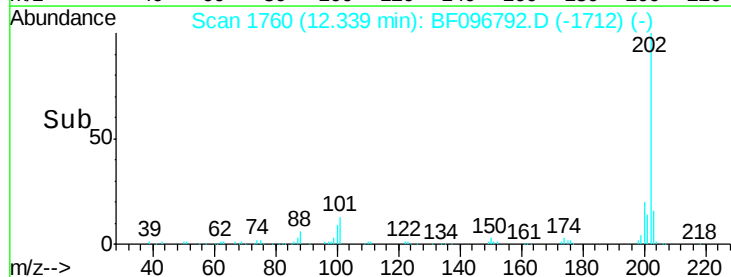
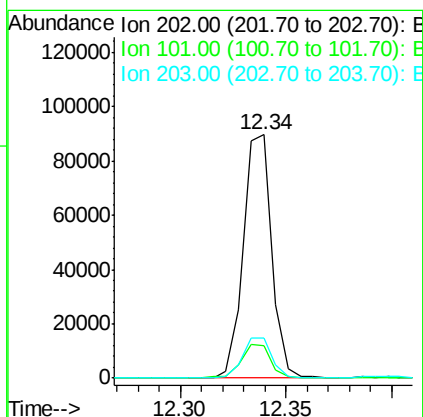
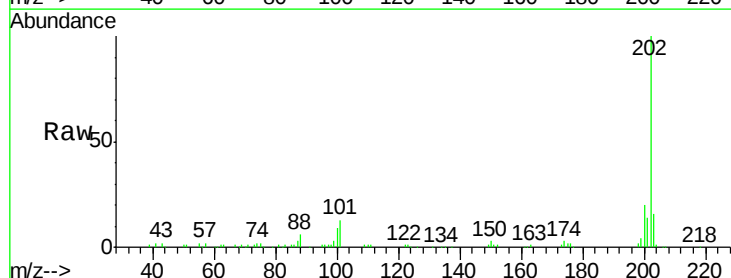
Manual Integrations
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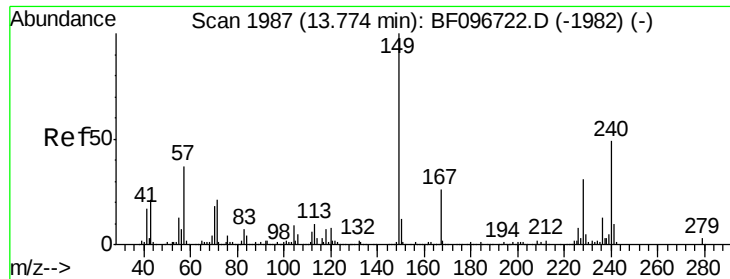
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#74
Fluoranthene
Concen: 5.990 ng
RT: 12.34 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BF096792.D
Acq: 15 Jul 2017 00:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	16.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.76 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF096792.D

Acq: 15 Jul 2017 00:51

Instrument :

BNA_F

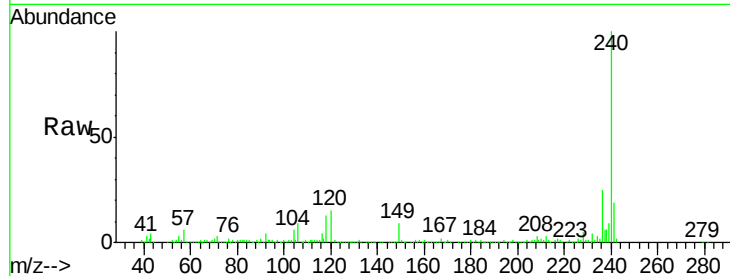
ClientSampleId :

CI-SB2-0-2

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	184656		
120	15.1	5.8	8.8#	
236	25.3	20.5	30.7	

Manual Integrations
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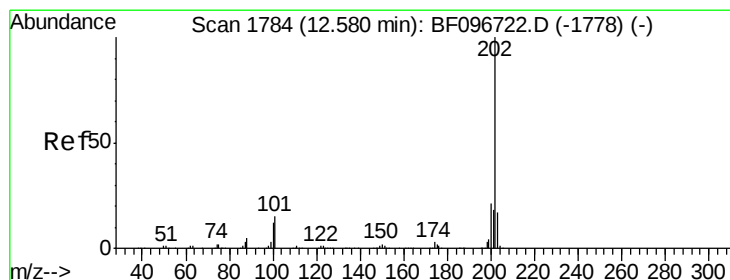
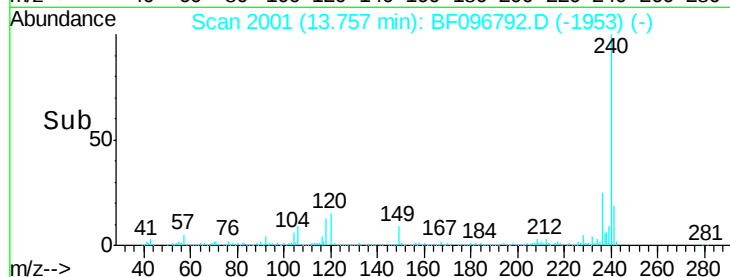
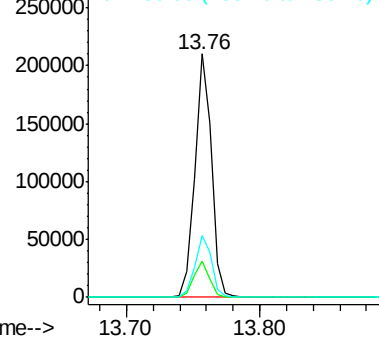
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.291 ng

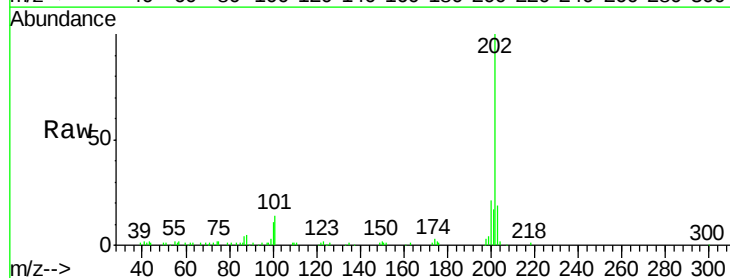
RT: 12.56 min Scan# 1798

Delta R.T. -0.02 min

Lab File: BF096792.D

Acq: 15 Jul 2017 00:51

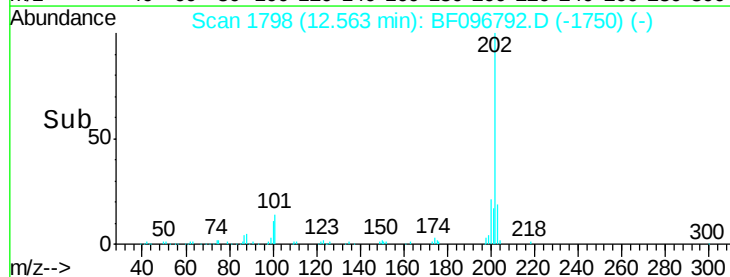
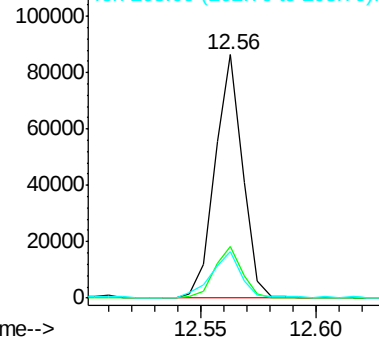
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	71905		
200	21.3	17.6	26.4	
203	19.0	14.4	21.6	

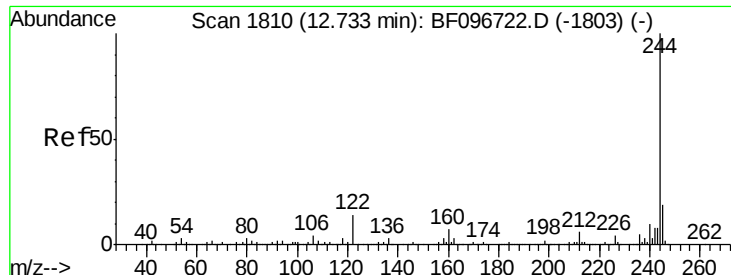


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 43.136 ng

RT: 12.72 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF096792.D

Acq: 15 Jul 2017 00:51

Instrument :

BNA_F

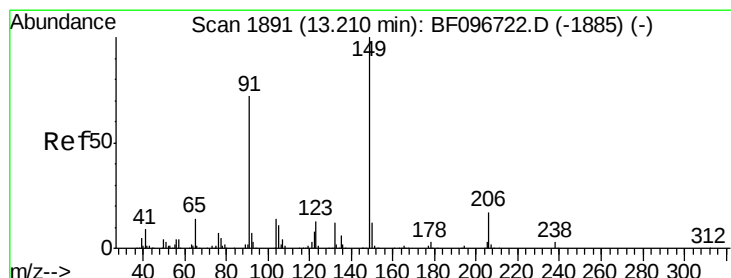
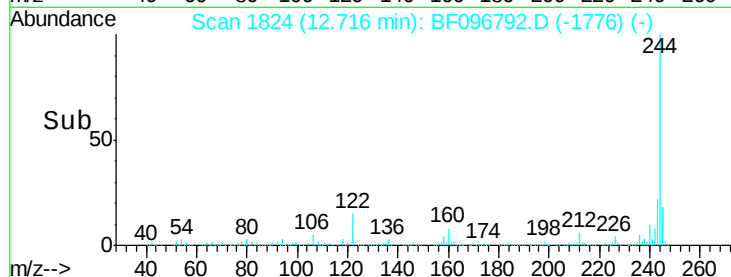
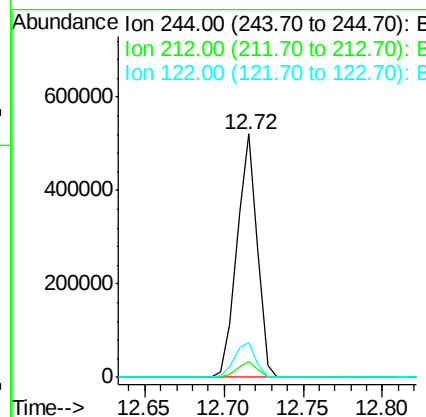
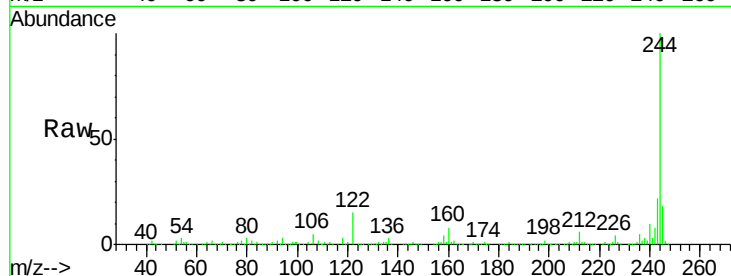
ClientSampleId :

CI-SB2-0-2

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	459294		
212	6.5	6.0	9.0	
122	14.6	10.3	15.5	

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#79

Butylbenzylphthalate

Concen: 2.047 ng

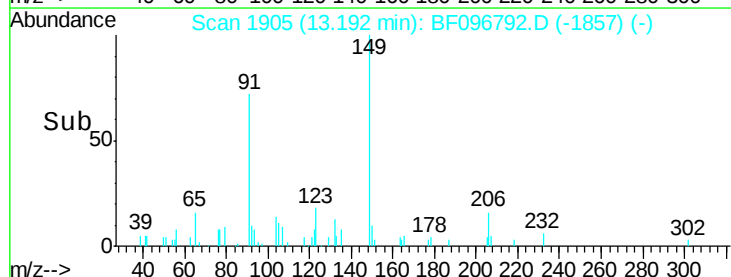
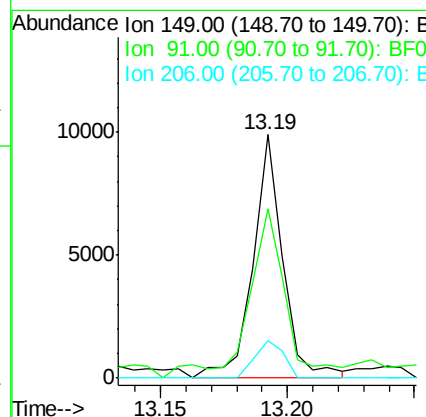
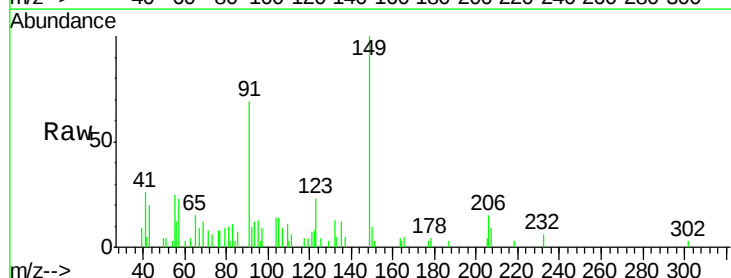
RT: 13.19 min Scan# 1905

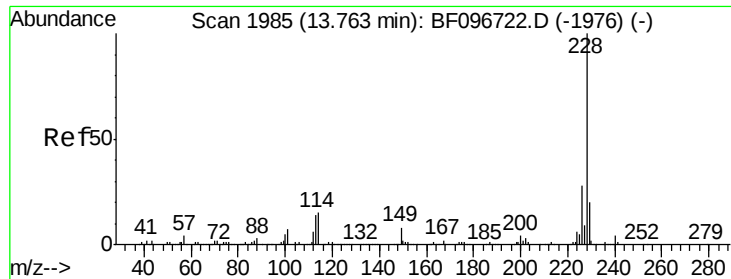
Delta R.T. -0.02 min

Lab File: BF096792.D

Acq: 15 Jul 2017 00:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	8148		
91	69.3	45.0	67.4#	
206	15.2	17.0	25.6#	





#80

Benzo(a)anthracene

Concen: 2.845 ng m

RT: 13.74 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF096792.D

Acq: 15 Jul 2017 00:51

Instrument :

BNA_F

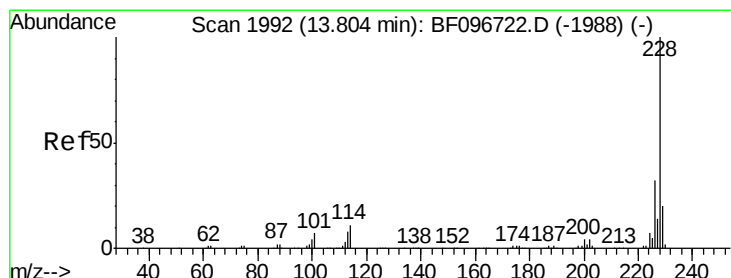
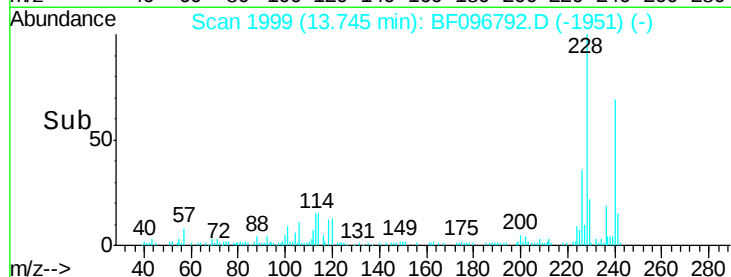
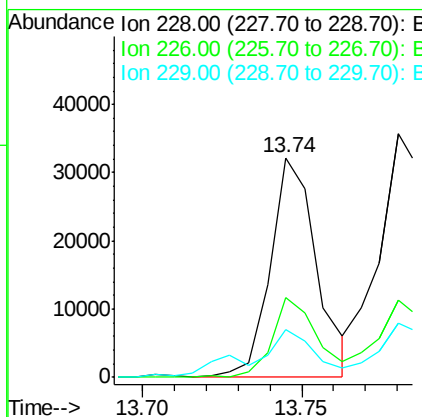
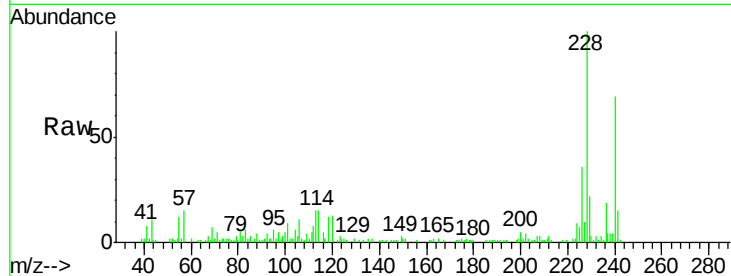
ClientSampleId :

CI-SB2-0-2

Tgt Ion:	228	Resp:	32738
Ion Ratio	Lower	Upper	
228	100		
226	36.4	22.6	33.8#
229	21.6	16.3	24.5

Manual Integrations
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#82

Chrysene

Concen: 3.287 ng

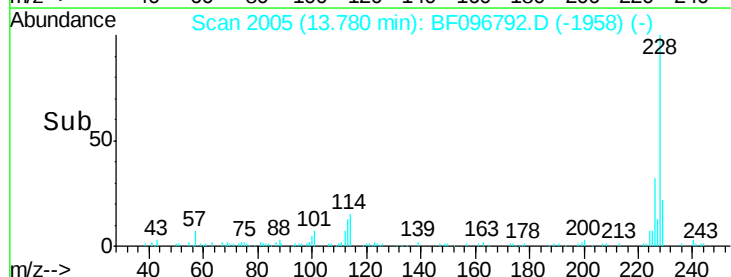
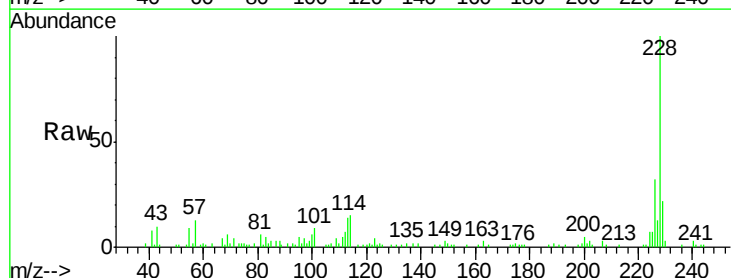
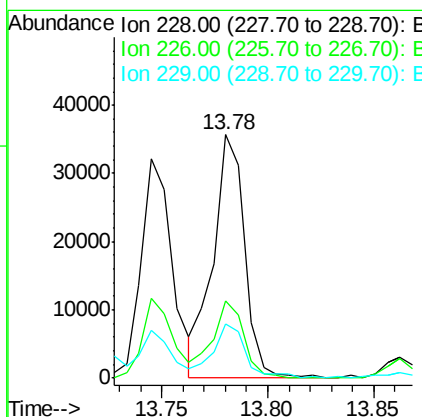
RT: 13.78 min Scan# 2005

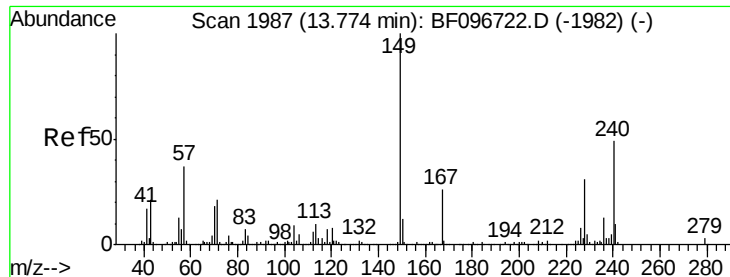
Delta R.T. -0.02 min

Lab File: BF096792.D

Acq: 15 Jul 2017 00:51

Tgt Ion:	228	Resp:	37232
Ion Ratio	Lower	Upper	
228	100		
226	31.9	24.9	37.3
229	22.0	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.180 ng m

RT: 13.76 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096792.D

Acq: 15 Jul 2017 00:51

Instrument :

BNA_F

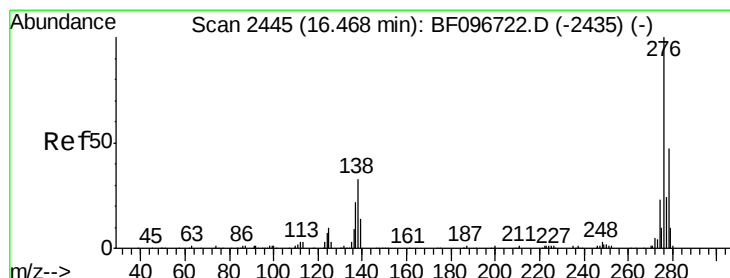
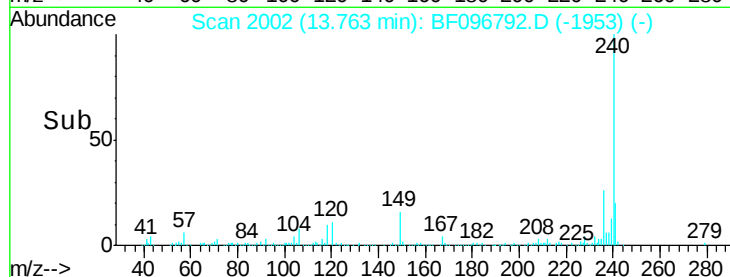
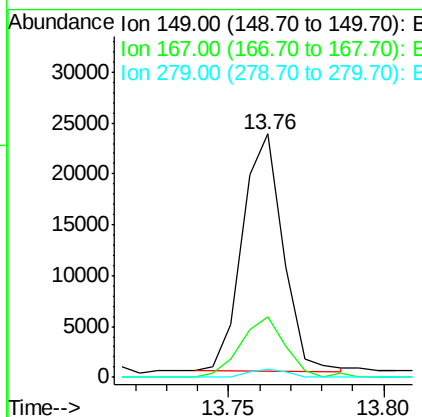
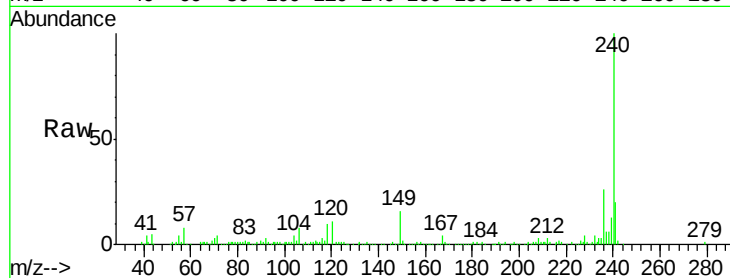
ClientSampleId :

CI-SB2-0-2

Tgt Ion:	149	Resp:	21143
Ion Ratio	Lower	Upper	
149	100		
167	24.9	21.0	31.4
279	3.2	1.9	2.9#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 5.540 ng m

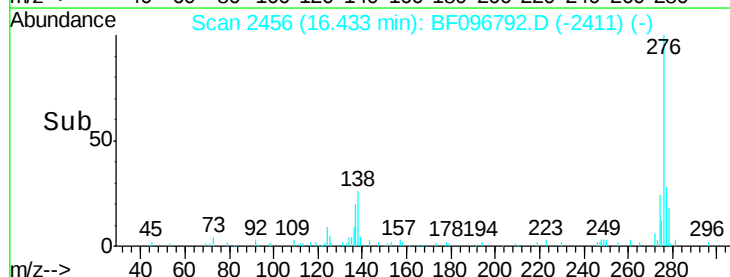
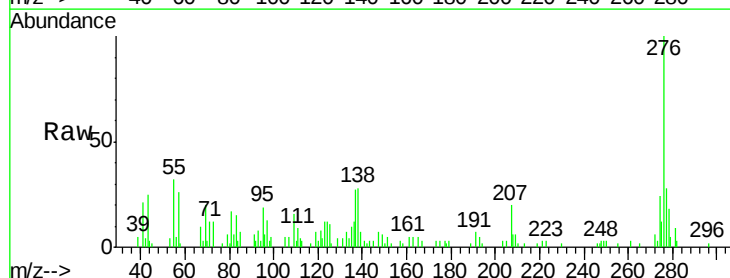
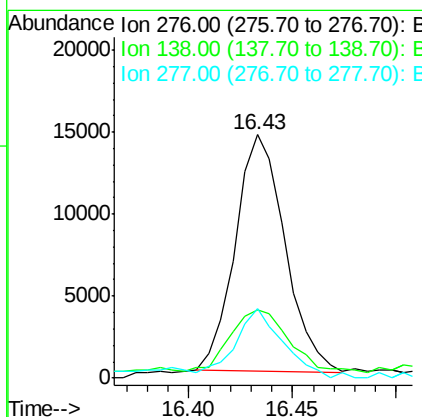
RT: 16.43 min Scan# 2456

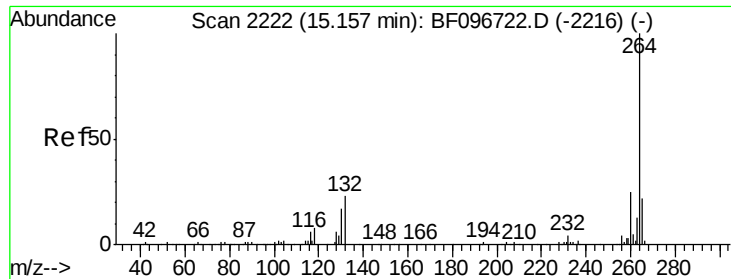
Delta R.T. -0.03 min

Lab File: BF096792.D

Acq: 15 Jul 2017 00:51

Tgt Ion:	276	Resp:	24123
Ion Ratio	Lower	Upper	
276	100		
138	0.0	27.8	41.6#
277	0.0	20.2	30.4#





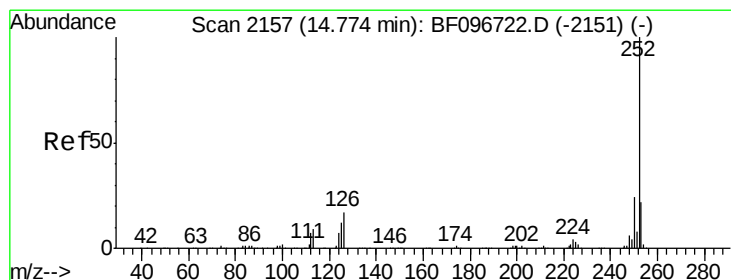
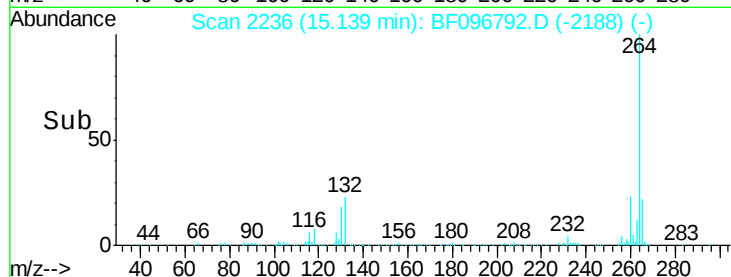
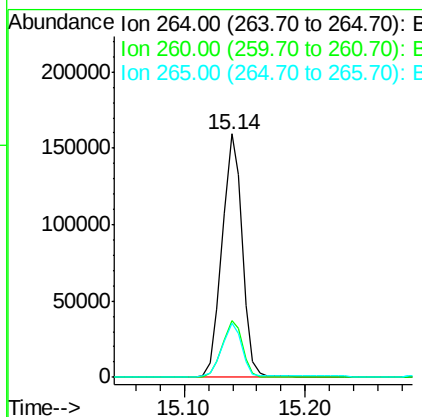
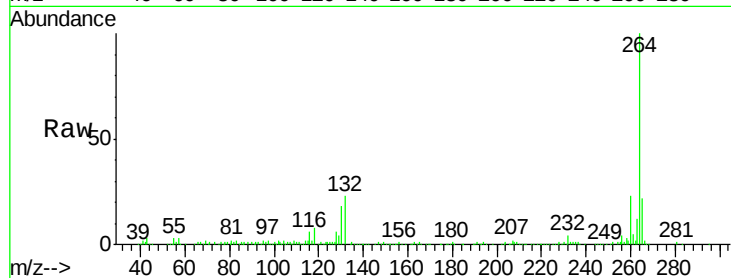
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF096792.D
Acq: 15 Jul 2017 00:51

Instrument :
BNA_F
ClientSampleId :
CI-SB2-0-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	22.3	17.2	25.8

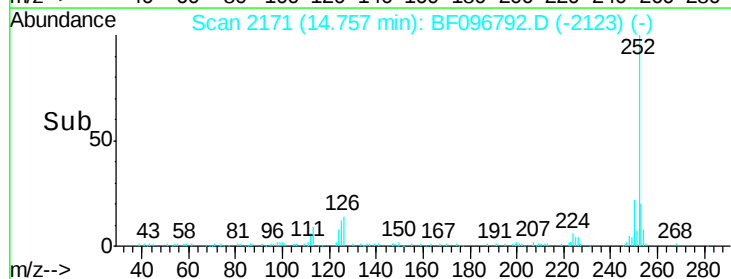
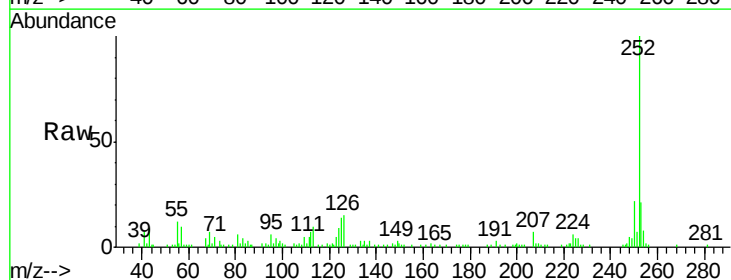
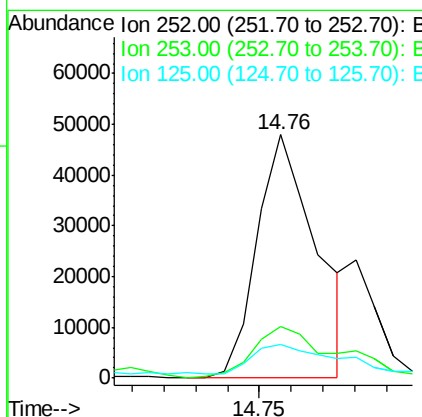
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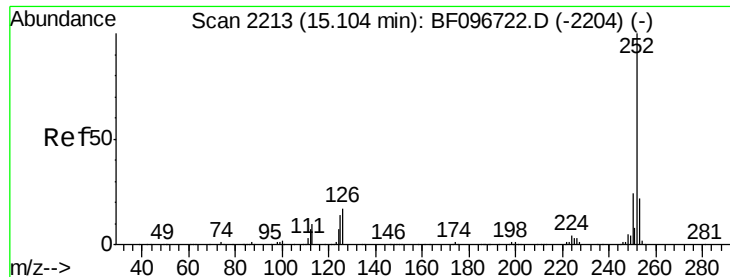
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#87
Benzo(b)fluoranthene
Concen: 5.533 ng m
RT: 14.76 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF096792.D
Acq: 15 Jul 2017 00:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.1	27.1
125	13.8	9.8	14.8





#89

Benzo(a)pyrene

Concen: 3.664 ng

RT: 15.08 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BF096792.D

Acq: 15 Jul 2017 00:51

Instrument :

BNA_F

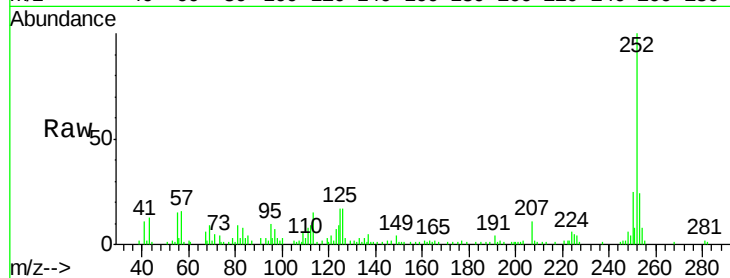
ClientSampleId :

CI-SB2-0-2

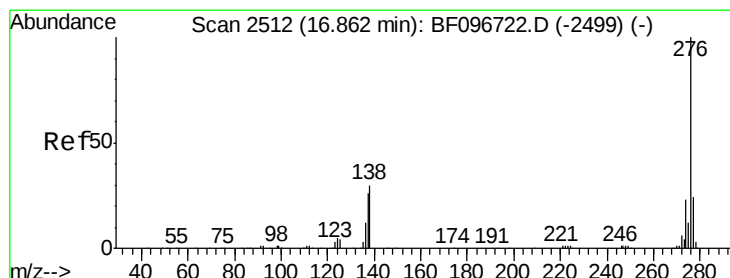
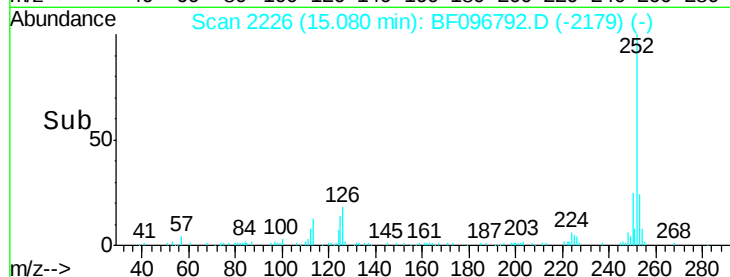
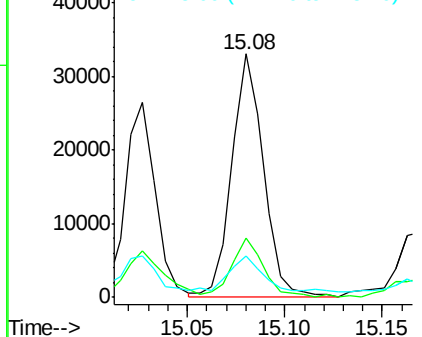
Tgt Ion:	252	Resp:	37369
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.5	26.3
125	16.9	11.0	16.4#

Manual Integrations
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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: 2.526 ng

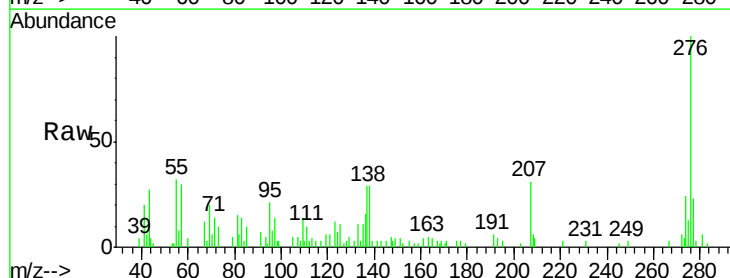
RT: 16.82 min Scan# 2522

Delta R.T. -0.04 min

Lab File: BF096792.D

Acq: 15 Jul 2017 00:51

Tgt Ion:	276	Resp:	25385
Ion Ratio	Lower	Upper	
276	100		
277	22.9	18.6	28.0
138	29.2	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

