

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062717\
 Data File : BF096234.D
 Acq On : 27 Jun 2017 23:35
 Operator : SJ/MA
 Sample : I3851-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-35-0-1.5

Manual Integrations
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 6/30/2017 12:46:53 PM

Quant Time: Jun 28 05:34:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 27 15:17:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	205231	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	789982	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	273051	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	418404	20.00	ng	0.00
75) Chrysene-d12	13.92	240	334347	20.00	ng	0.00
86) Perylene-d12	15.35	264	230447	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1221103	85.72	ng	0.02
7) Phenol-d6	6.41	99	1563865	90.66	ng	0.02
23) Nitrobenzene-d5	7.34	82	859146	75.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	147811	68.79	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1232317	82.65	ng	-0.01
78) Terphenyl-d14	12.88	244	848481	63.32	ng	0.01
Target Compounds						
10) Phenol	6.42	94	42958	2.27	ng	Qvalue 92
49) Dimethylphthalate	9.53	163	213338	10.92	ng	99
74) Fluoranthene	12.50	202	173947	7.48	ng	94
77) Pyrene	12.73	202	176008	6.41	ng	100
80) Benzo(a)anthracene	13.91	228	75175	3.69	ng	94
82) Chrysene	13.95	228	79019m	3.75	ng	
83) Bis(2-ethylhexyl)phthalate	13.92	149	44208	3.23	ng	# 99
87) Benzo(b)fluoranthene	14.94	252	78550m	5.19	ng	
88) Benzo(k)fluoranthene	14.96	252	28185m	2.04	ng	
89) Benzo(a)pyrene	15.29	252	46954	3.51	ng	# 57
91) Benzo(g,h,i)perylene	17.16	276	29355	2.70	ng	# 78

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

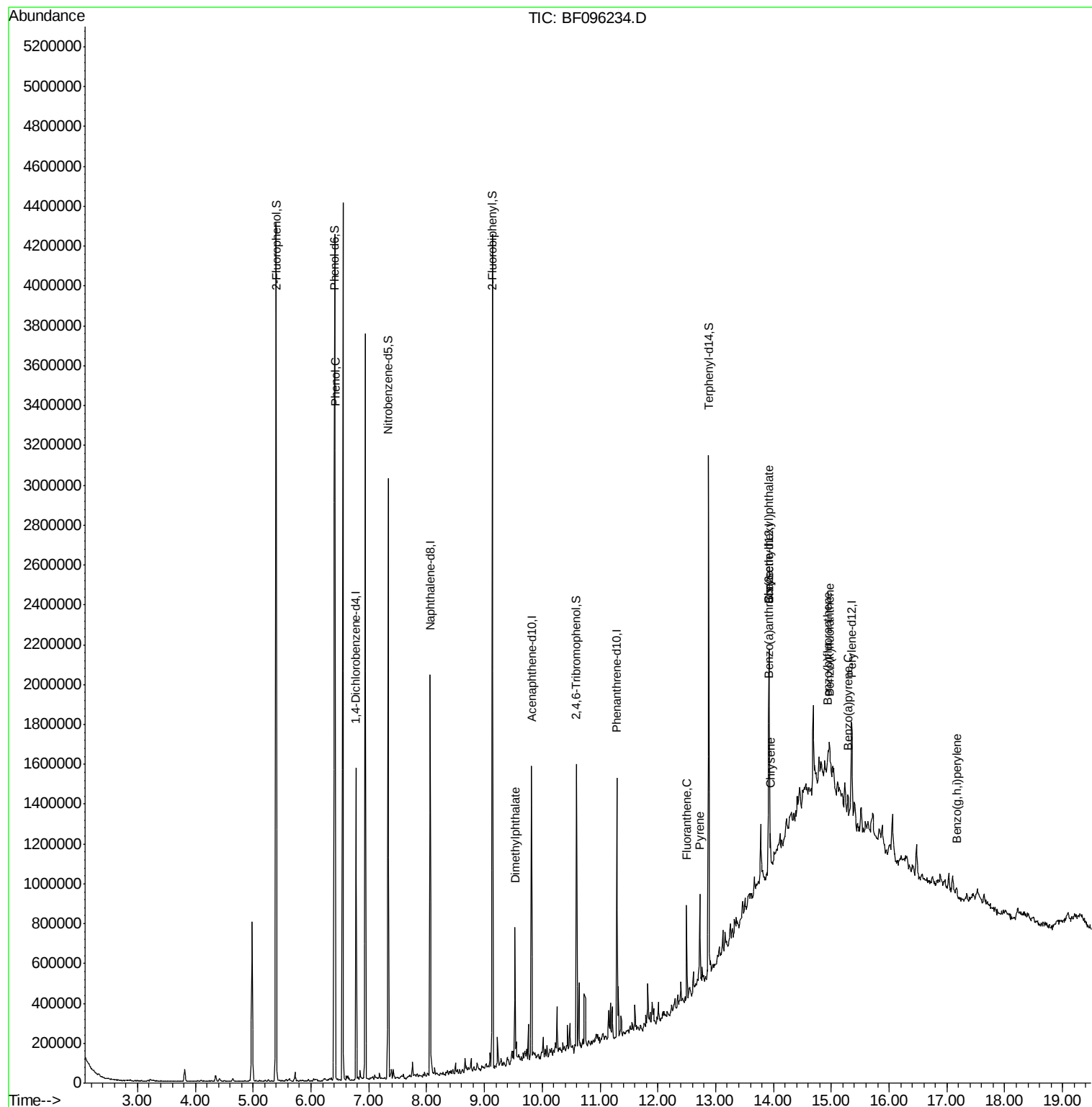
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062717\
Data File : BF096234.D
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Misc :
ALS Vial : 19 Sample Multiplier: 1

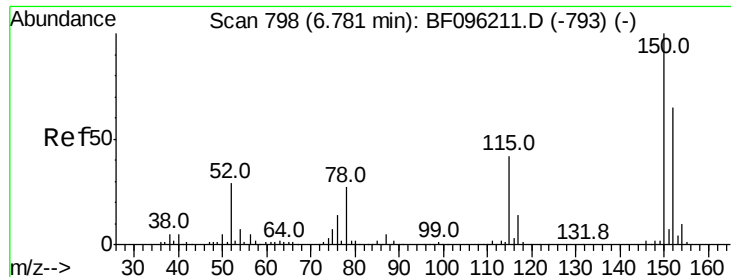
Instrument :
BNA_F
ClientSampleId :
G-35-0-1.5

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Quant Time: Jun 28 05:34:14 2017
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#1

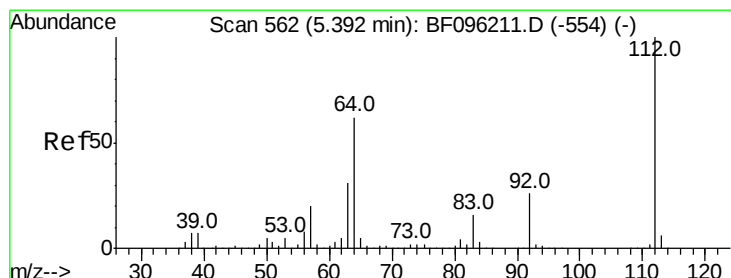
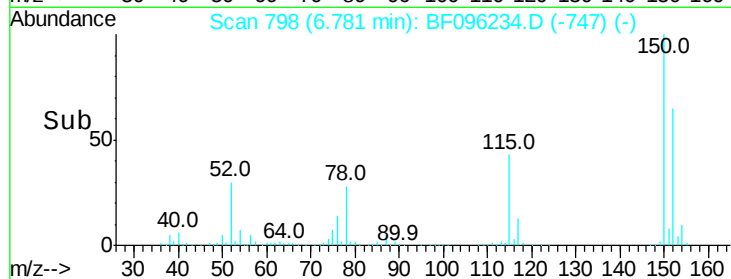
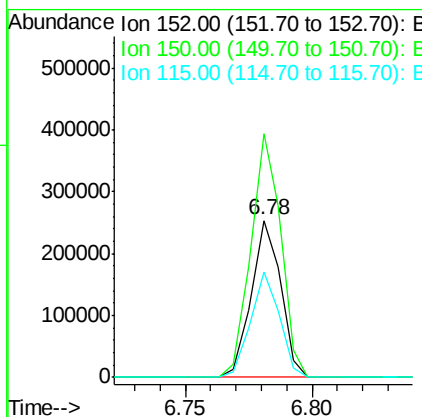
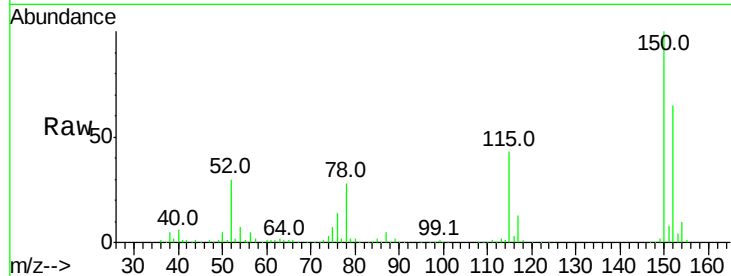
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF096234.D
Acq: 27 Jun 2017 23:35

Instrument :
BNA_F
ClientSampled :
G-35-0-1.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.2
115	67.3	52.2	78.2

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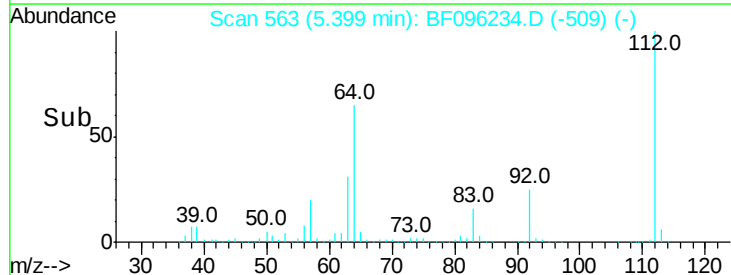
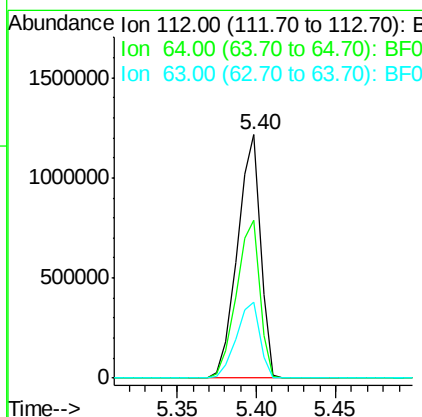
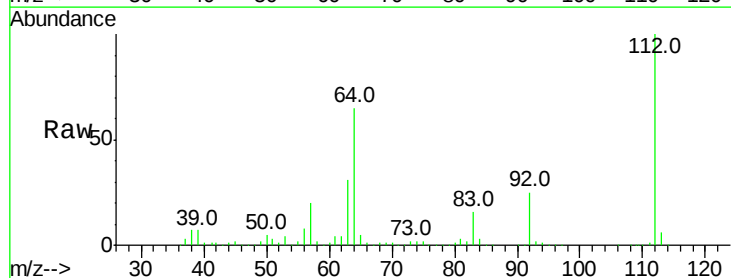
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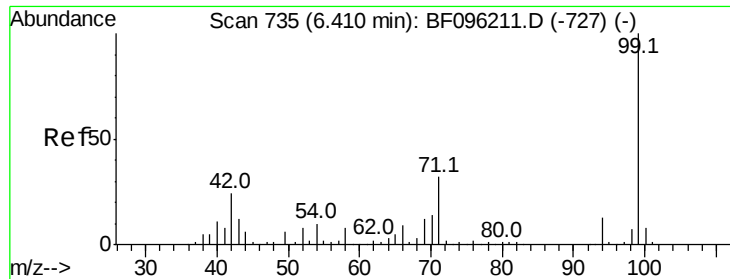


#5

2-Fluorophenol
Concen: 85.72 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF096234.D
Acq: 27 Jun 2017 23:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	46.0	69.0
63	31.4	23.4	35.0





#7

Phenol-d6

Concen: 90.66 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF096234.D

Acq: 27 Jun 2017 23:35

Instrument :

BNA_F

ClientSampleId :

G-35-0-1.5

Tot Ion: 99 Resp: 1563865

Ion Ratio Lower Upper

99 100

42 22.2 13.5 20.3#

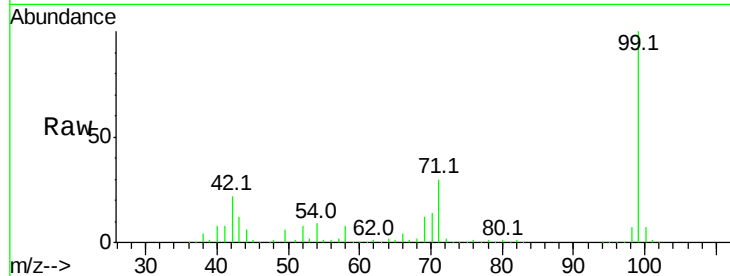
71 30.1 24.5 36.7

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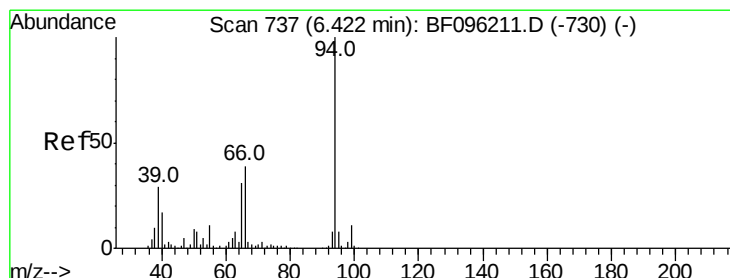
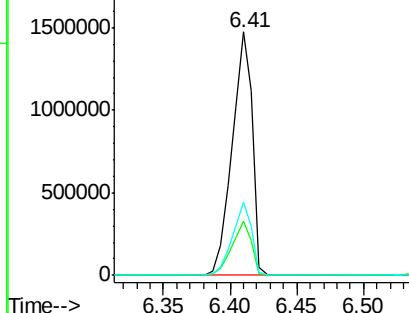
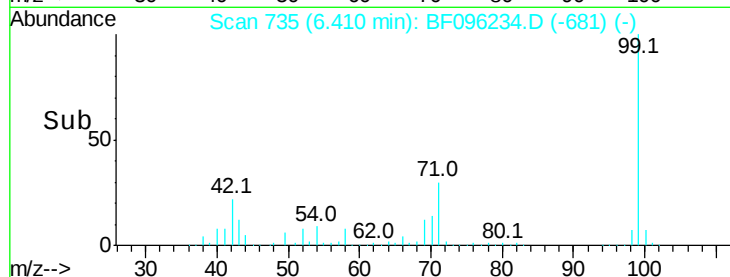
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.27 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.02 min

Lab File: BF096234.D

Acq: 27 Jun 2017 23:35

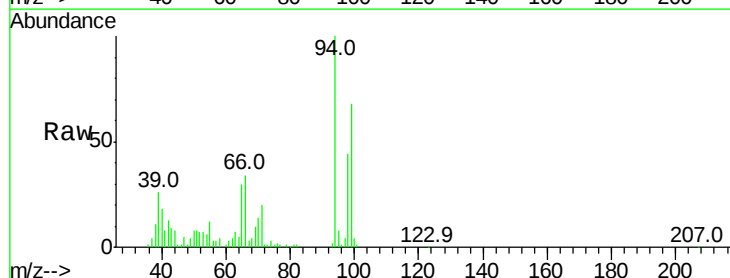
Tgt Ion: 94 Resp: 42958

Ion Ratio Lower Upper

94 100

65 29.8 9.9 49.9

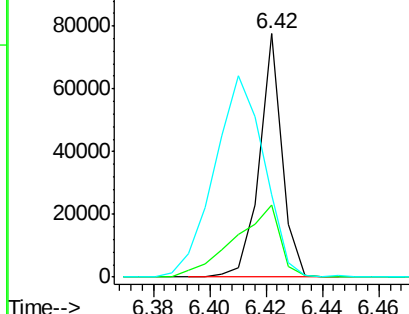
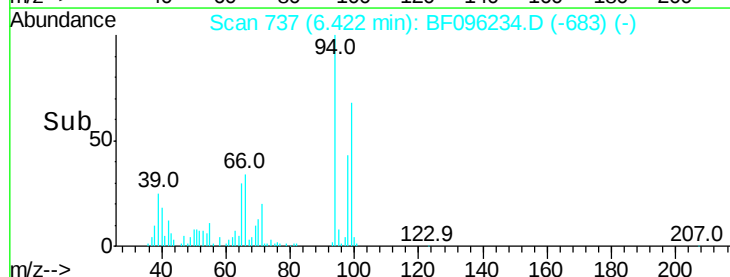
66 34.0 23.1 63.1

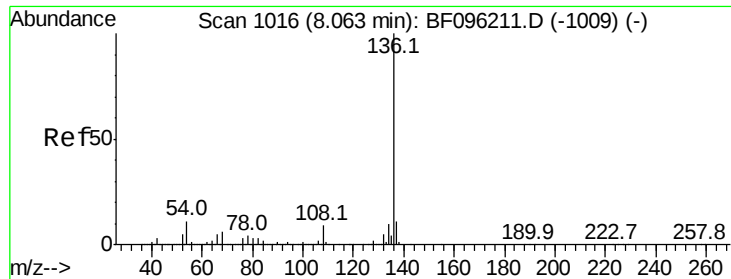


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF096234.D

Acq: 27 Jun 2017 23:35

Instrument :

BNA_F

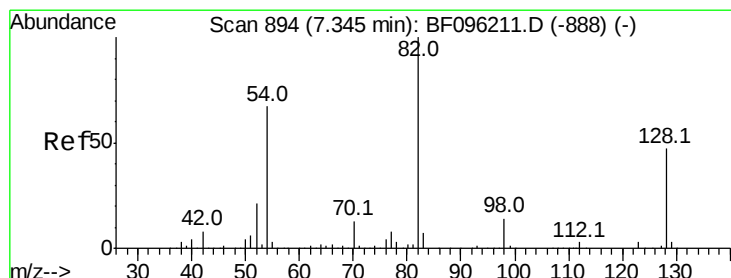
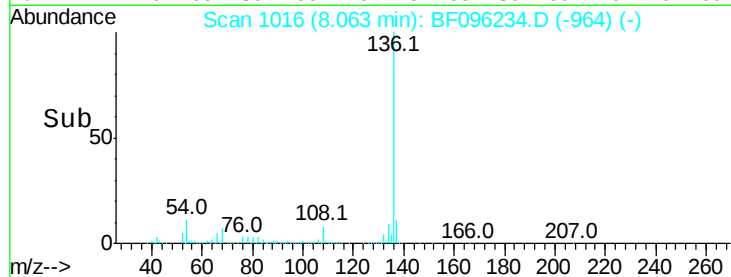
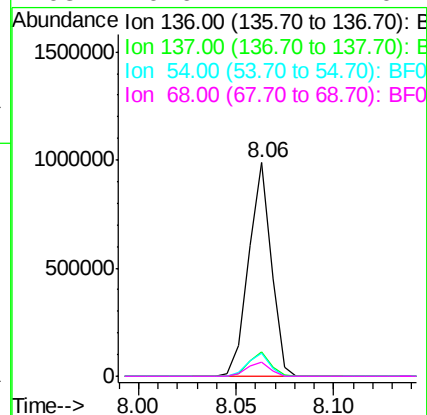
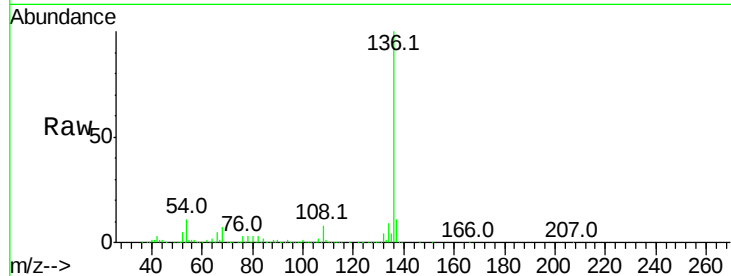
ClientSampled :

G-35-0-1.5

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.6	4.9	7.3#
68	6.6	4.1	6.1#

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#23

Nitrobenzene-d5

Concen: 75.29 ng

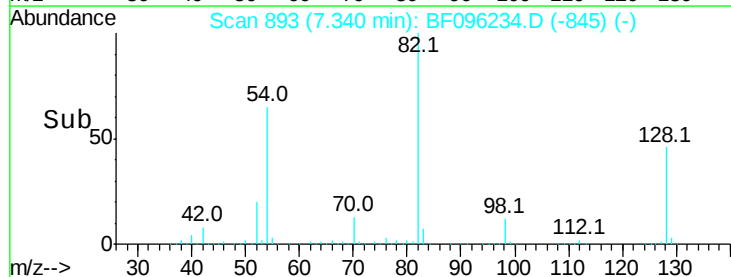
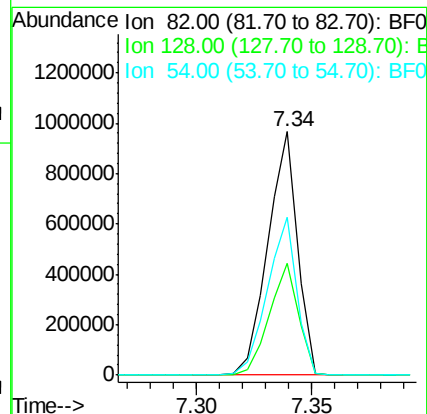
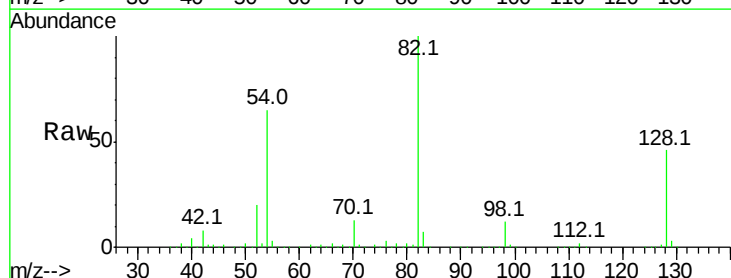
RT: 7.34 min Scan# 893

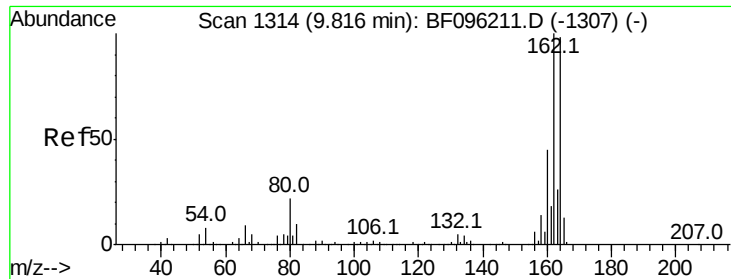
Delta R.T. -0.02 min

Lab File: BF096234.D

Acq: 27 Jun 2017 23:35

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	46.1	34.0	51.0
54	64.7	42.2	63.2#





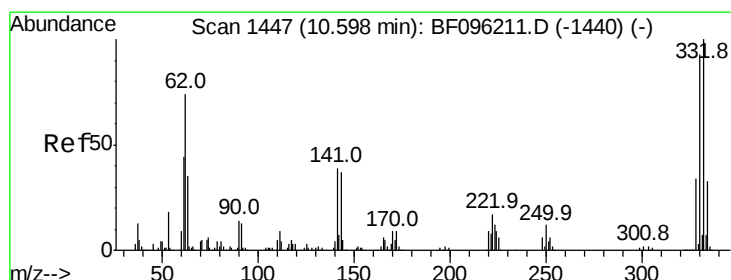
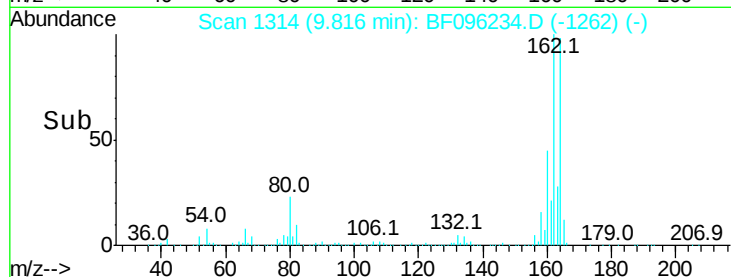
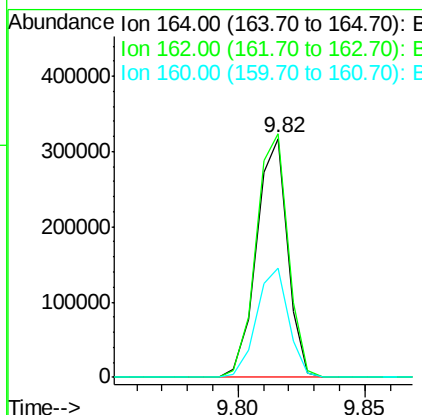
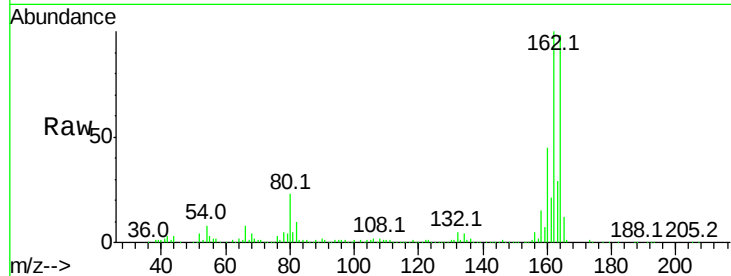
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF096234.D
Acq: 27 Jun 2017 23:35

Instrument :
BNA_F
ClientSampleId :
G-35-0-1.5

Tot Ion	Ratio	Resp	Lower	Upper
164	100	273051		
162	101.9	82.6	123.8	
160	45.5	36.2	54.2	

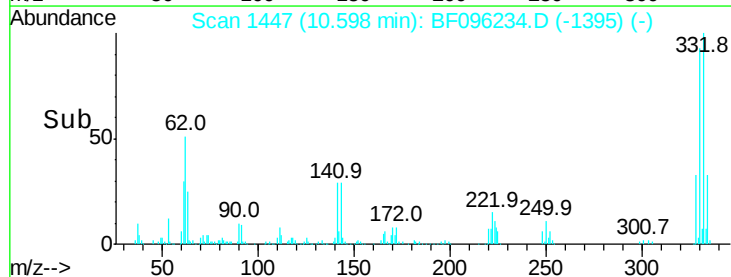
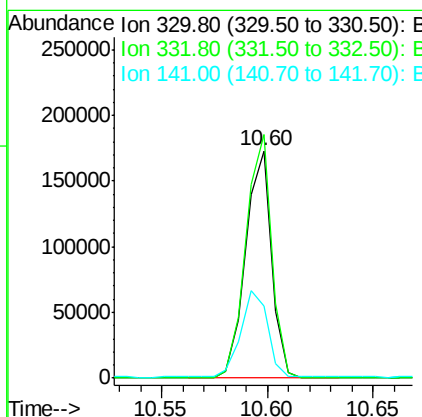
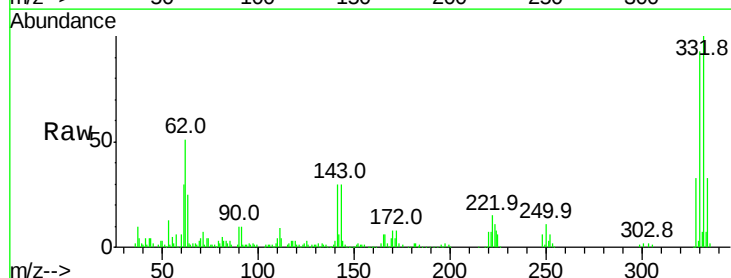
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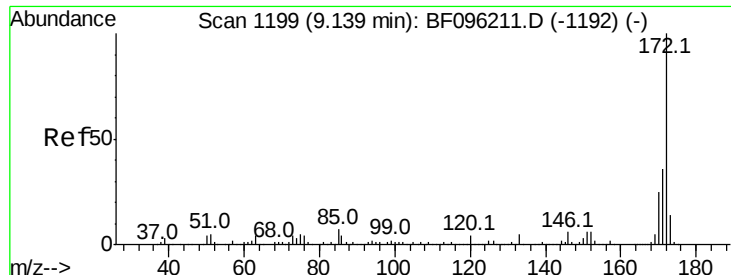
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#41
2,4,6-Tribromophenol
Concen: 68.79 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF096234.D
Acq: 27 Jun 2017 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	147811		
332	106.8	76.6	115.0	
141	39.1	31.4	47.2	





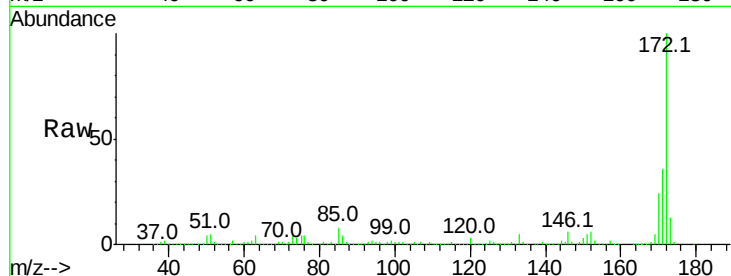
#44
2-Fluorobiphenyl
Concen: 82.65 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF096234.D
Acq: 27 Jun 2017 23:35

Instrument :
BNA_F
ClientSampleId :
G-35-0-1.5

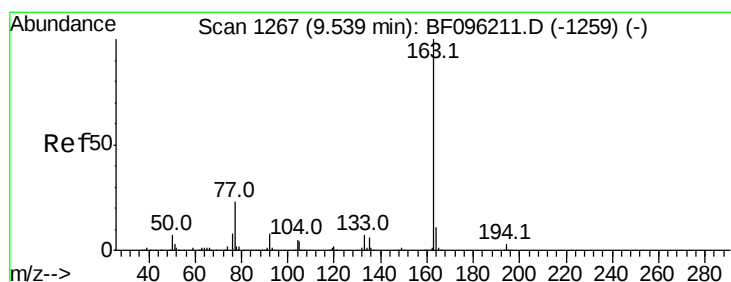
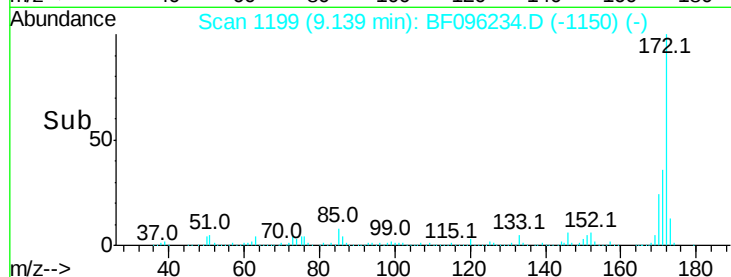
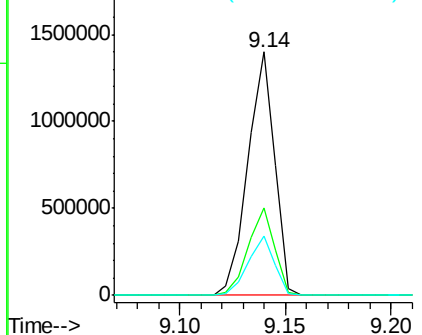
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.5	19.8	29.8

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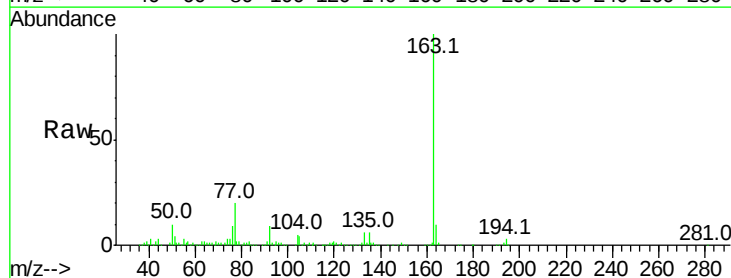


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

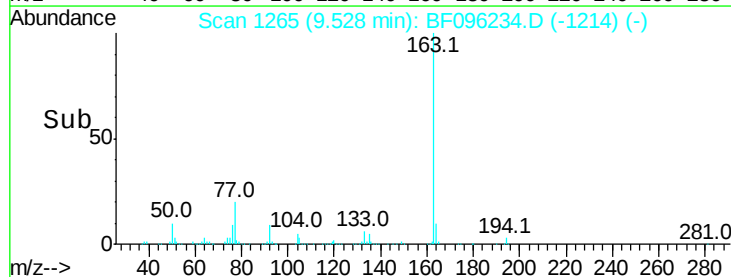
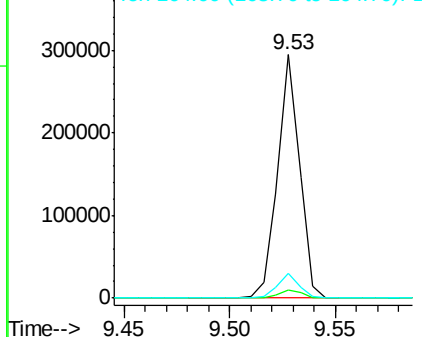


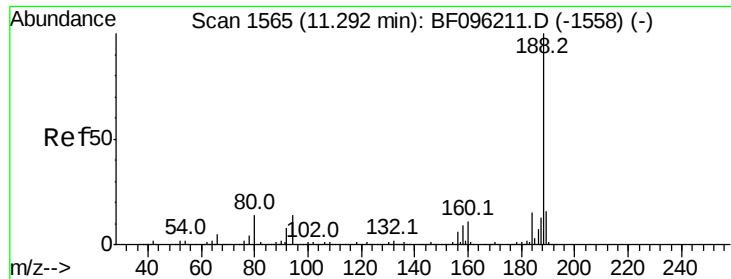
#49
Dimethylphthalate
Concen: 10.92 ng
RT: 9.53 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF096234.D
Acq: 27 Jun 2017 23:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.0	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





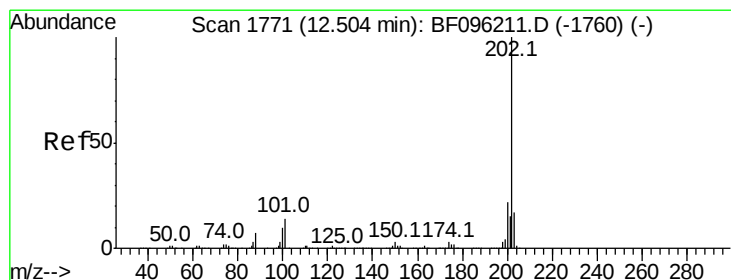
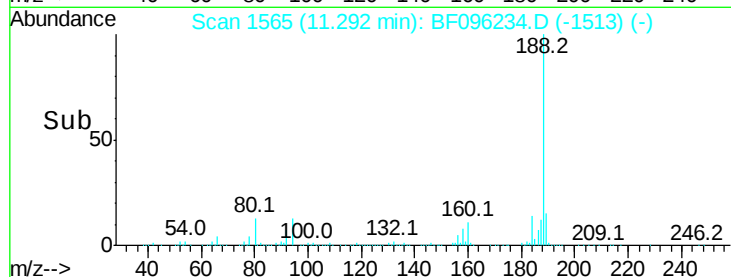
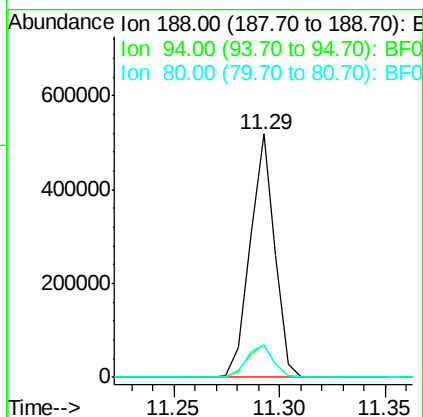
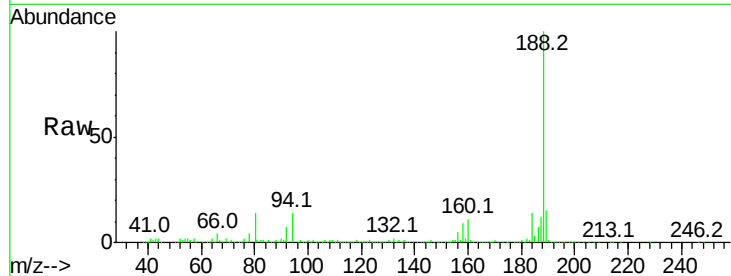
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF096234.D
Acq: 27 Jun 2017 23:35

Instrument :
BNA_F
ClientSampleId :
G-35-0-1.5

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	13.6		9.4	14.2
80	13.5		10.2	15.2

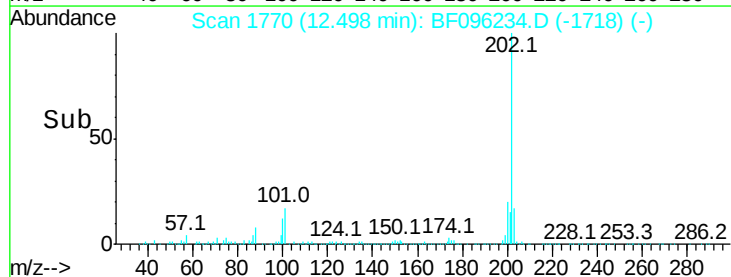
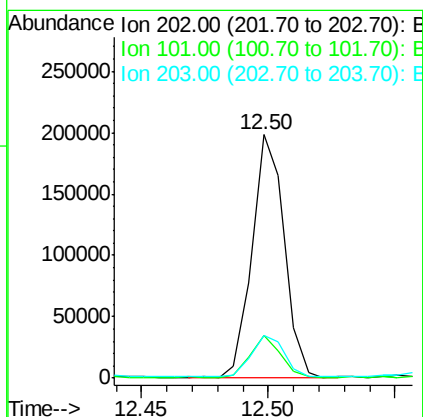
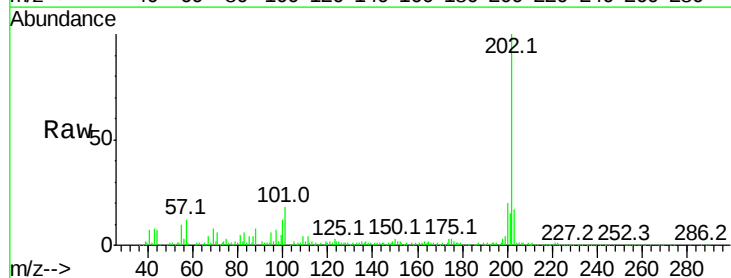
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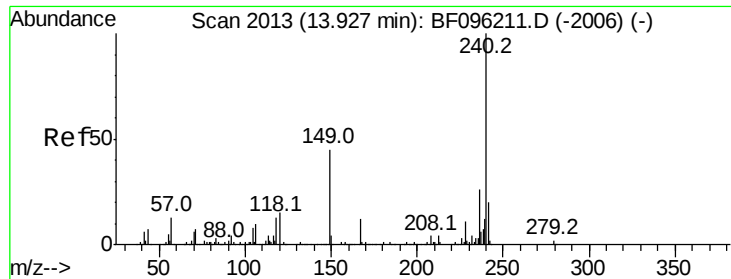
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#74
Fluoranthene
Concen: 7.48 ng
RT: 12.50 min Scan# 1770
Delta R.T. 0.01 min
Lab File: BF096234.D
Acq: 27 Jun 2017 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	17.5		0.0	33.2
203	17.4		0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF096234.D

Acq: 27 Jun 2017 23:35

Instrument :

BNA_F

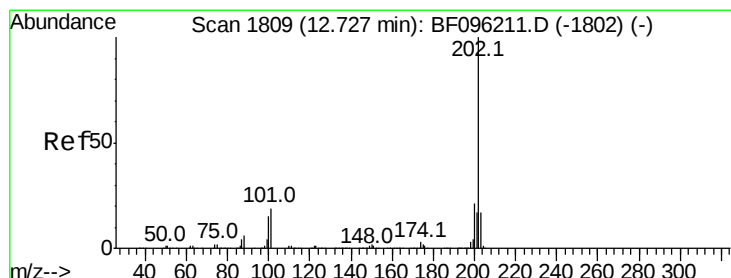
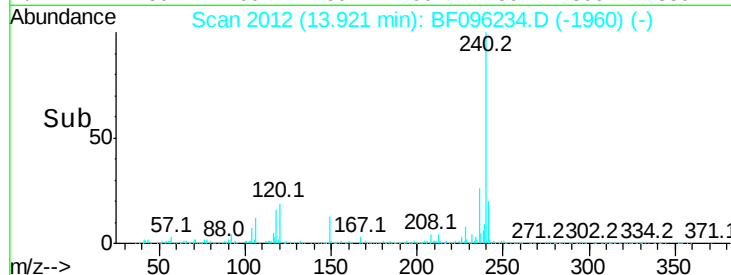
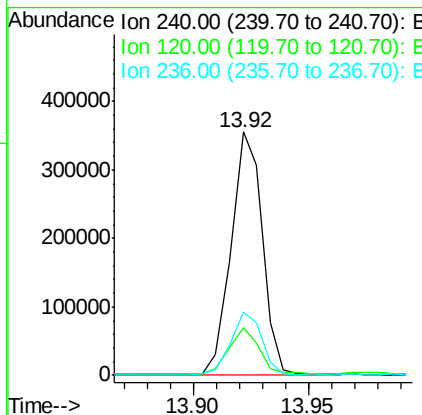
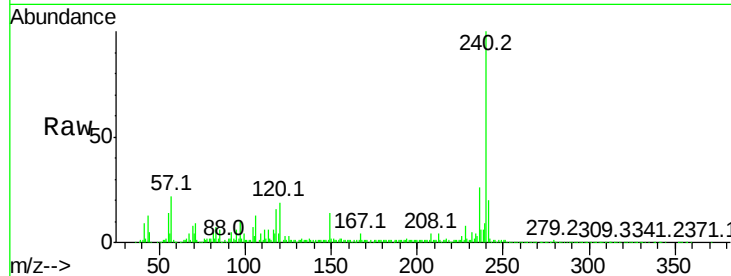
ClientSampleId :

G-35-0-1.5

Tot Ion	Ratio	Lower	Upper
240	100		
120	19.4	5.8	8.8#
236	25.9	20.5	30.7

Manual Integrations
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#77

Pyrene

Concen: 6.41 ng

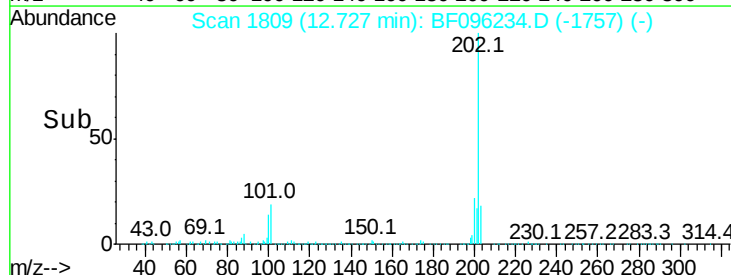
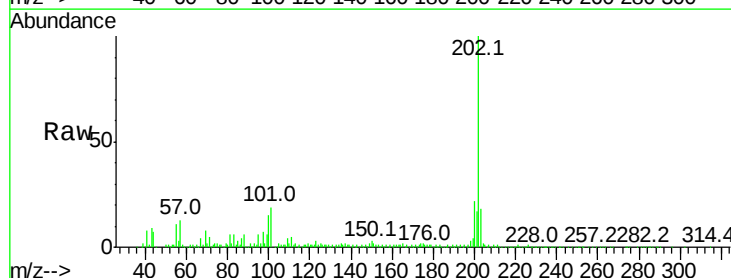
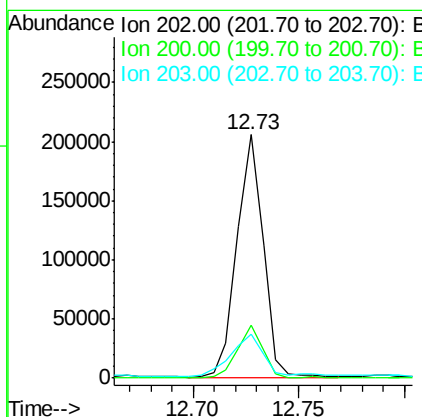
RT: 12.73 min Scan# 1809

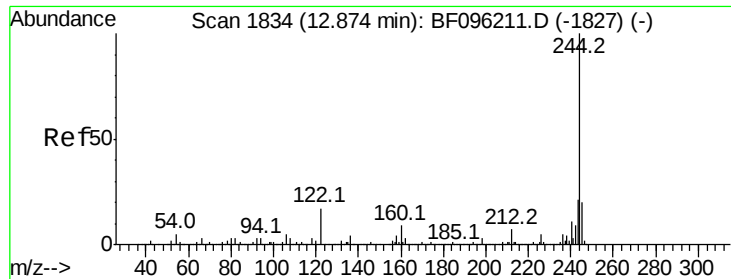
Delta R.T. 0.01 min

Lab File: BF096234.D

Acq: 27 Jun 2017 23:35

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	17.9	14.4	21.6





#78

Terphenyl-d14

Concen: 63.32 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.01 min

Lab File: BF096234.D

Acq: 27 Jun 2017 23:35

Instrument :

BNA_F

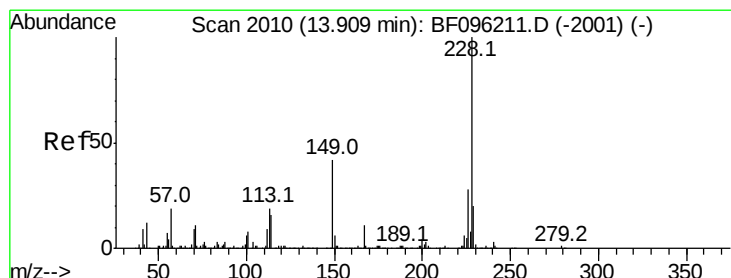
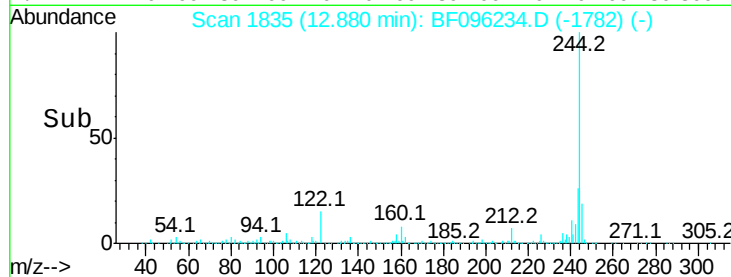
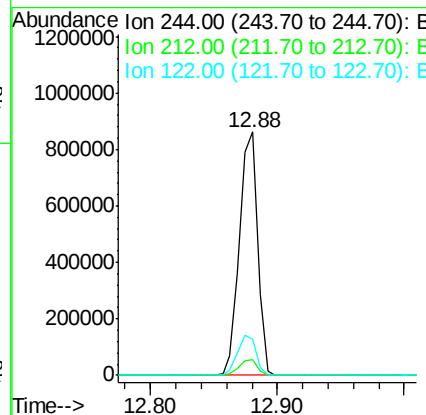
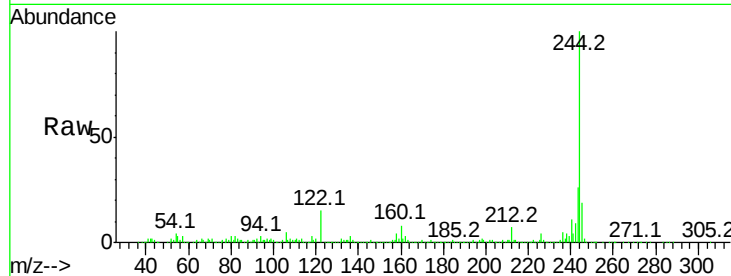
ClientSampleId :

G-35-0-1.5

Tot Ion:	244	Resp:	848481
Ion Ratio	Lower	Upper	
244	100		
212	6.6	6.0	9.0
122	14.9	10.3	15.5

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#80

Benzo(a)anthracene

Concen: 3.69 ng

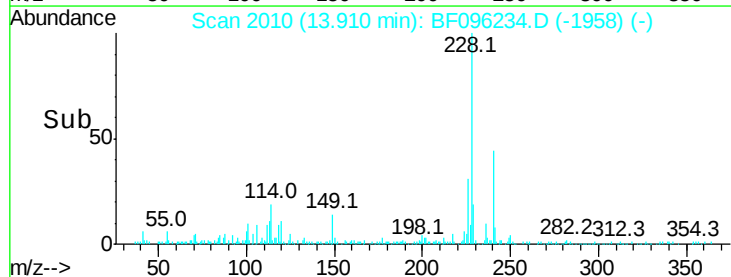
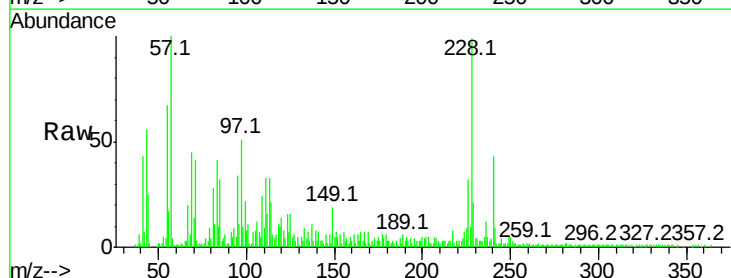
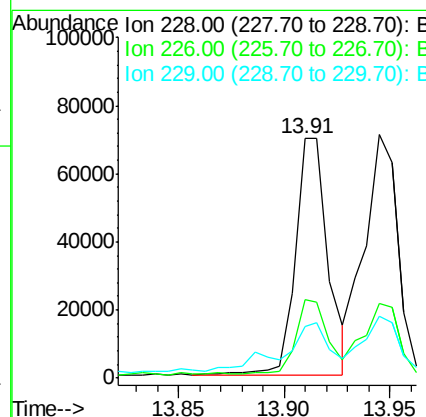
RT: 13.91 min Scan# 2010

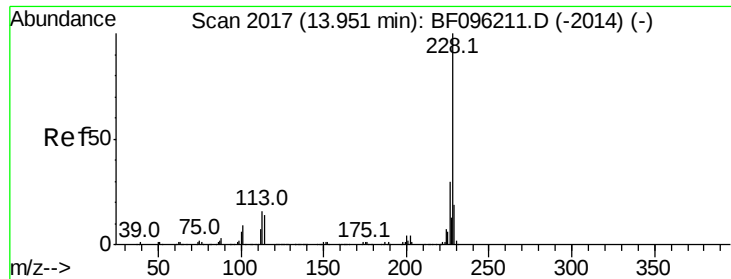
Delta R.T. 0.01 min

Lab File: BF096234.D

Acq: 27 Jun 2017 23:35

Tgt Ion:	228	Resp:	75175
Ion Ratio	Lower	Upper	
228	100		
226	32.6	22.6	33.8
229	21.4	16.3	24.5





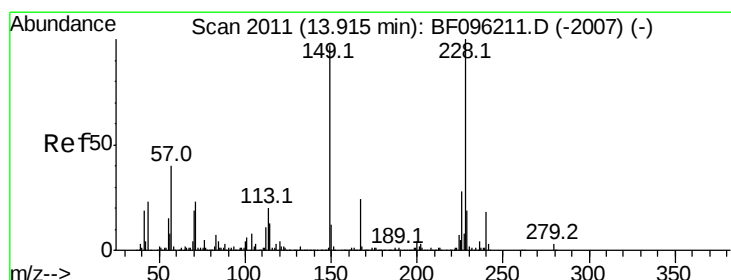
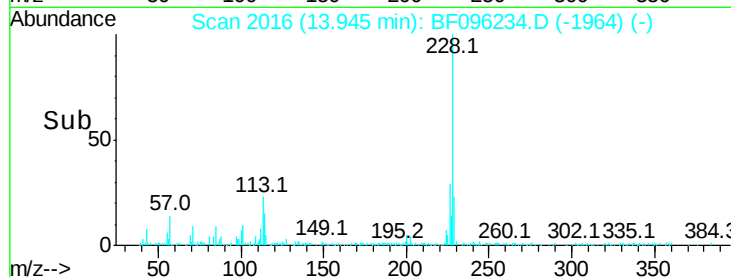
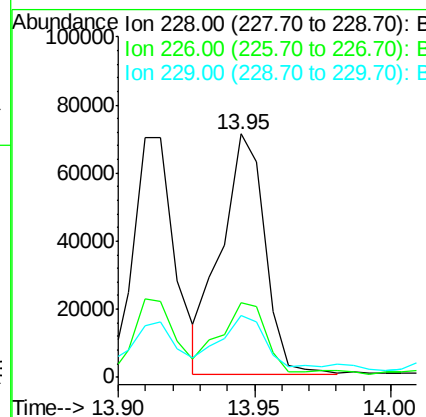
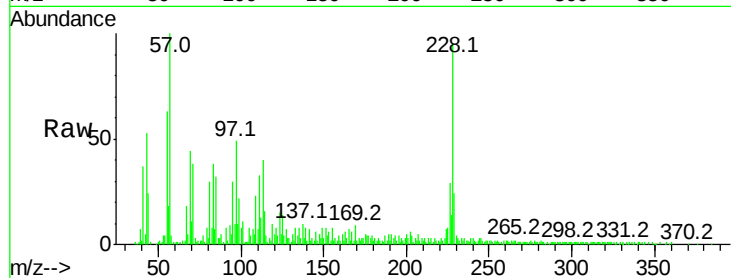
#82
Chrysene
Concen: 3.75 ng m
RT: 13.95 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF096234.D
Acq: 27 Jun 2017 23:35

Instrument :
BNA_F
ClientSampleId :
G-35-0-1.5

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	25.5	15.8	23.6

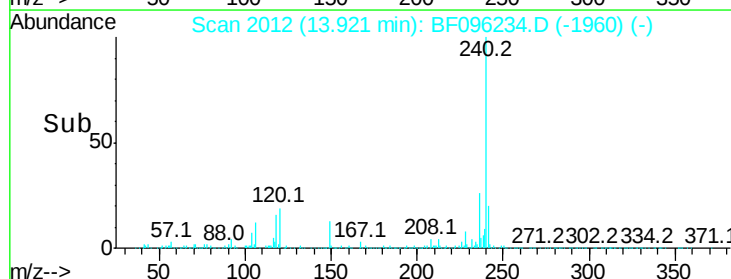
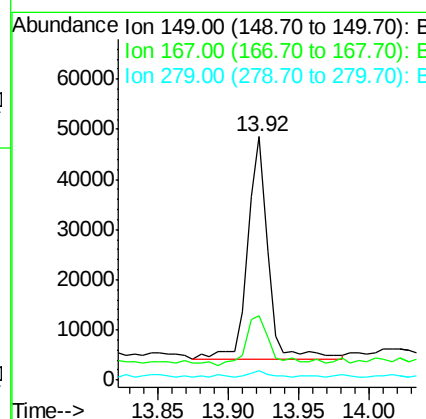
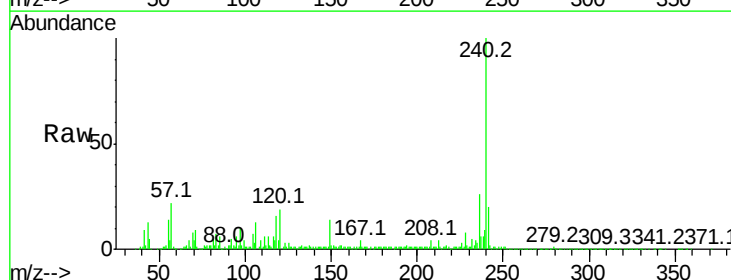
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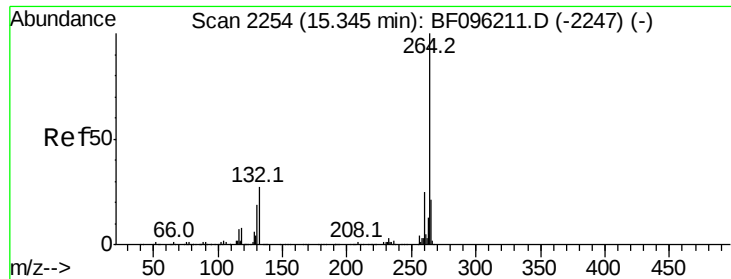
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#83
Bis(2-ethylhexyl)phthalate
Concen: 3.23 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF096234.D
Acq: 27 Jun 2017 23:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.0	31.4
279	3.7	1.9	2.9





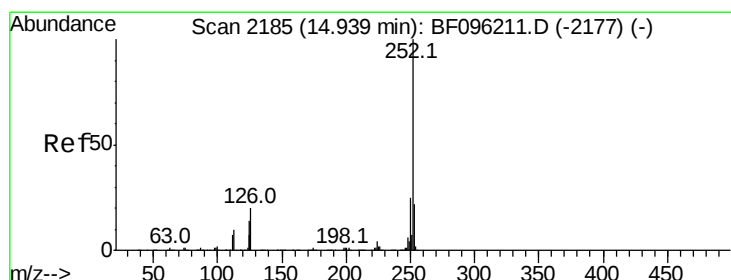
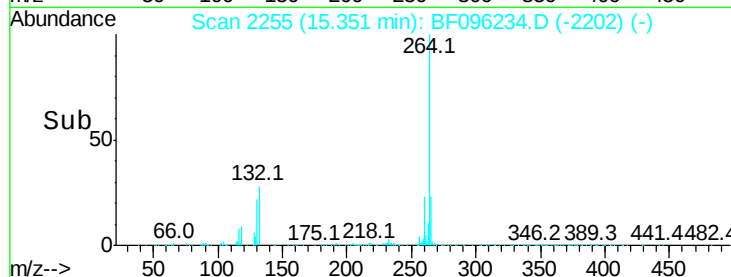
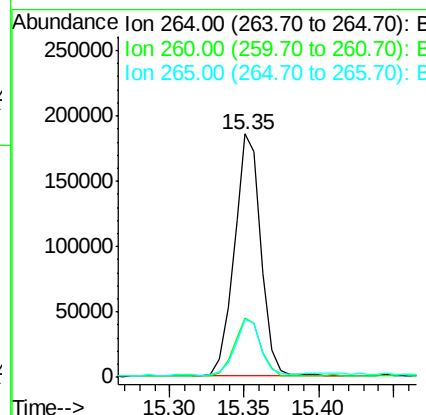
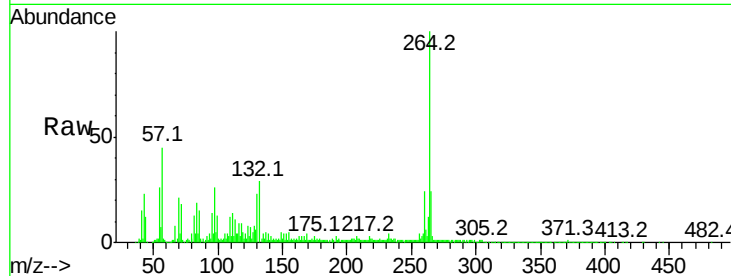
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF096234.D
Acq: 27 Jun 2017 23:35

Instrument :
BNA_F
ClientSampleId :
G-35-0-1.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	23.7	17.2	25.8

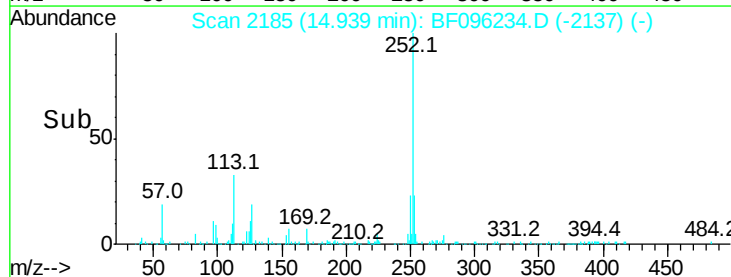
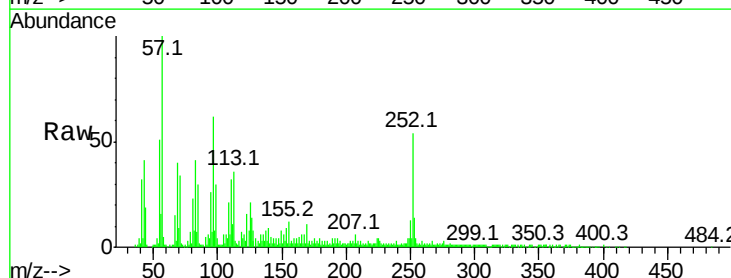
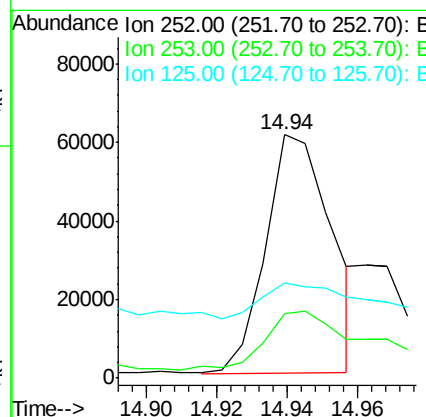
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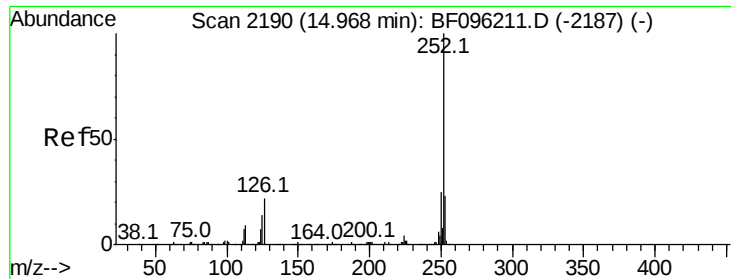
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#87
Benzo(b)fluoranthene
Concen: 5.19 ng m
RT: 14.94 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BF096234.D
Acq: 27 Jun 2017 23:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.1	27.1
125	38.9	9.8	14.8#





#88

Benzo(k)fluoranthene

Concen: 2.04 ng

RT: 14.96 min Scan# 2189

Delta R.T. 0.01 min

Lab File: BF096234.D

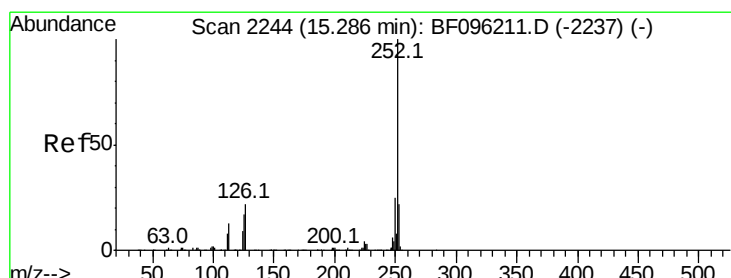
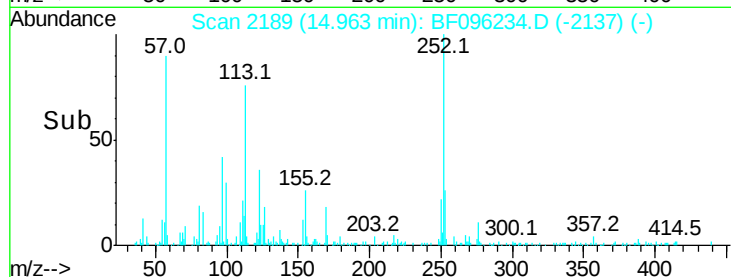
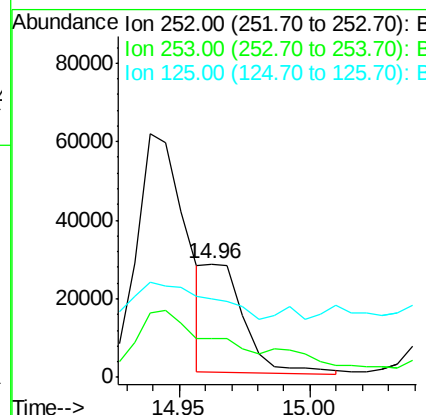
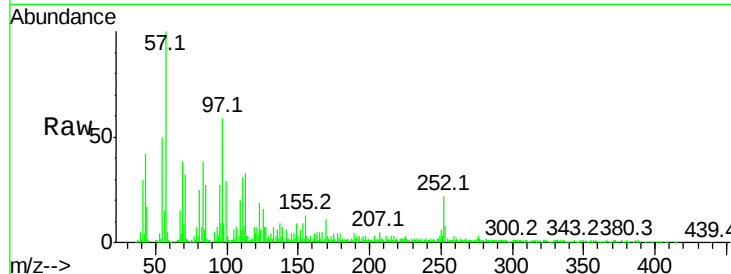
Acq: 27 Jun 2017 23:35

Instrument :
BNA_F
ClientSampleId :
G-35-0-1.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.2	18.4	27.6#
125	69.9	13.1	19.7#

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#89

Benzo(a)pyrene

Concen: 3.51 ng

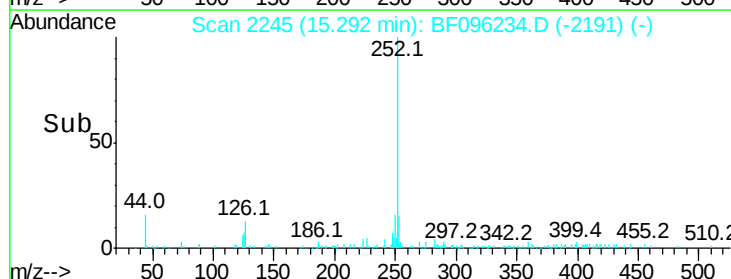
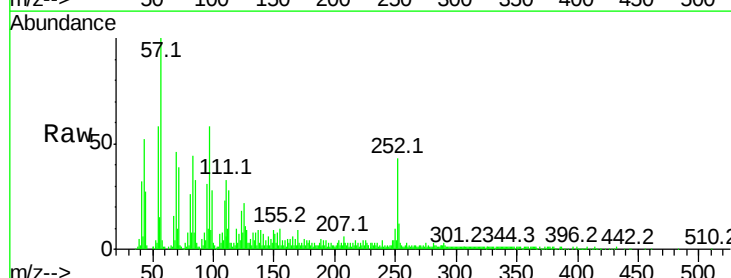
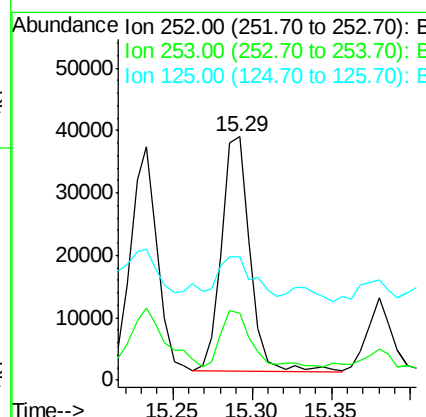
RT: 15.29 min Scan# 2245

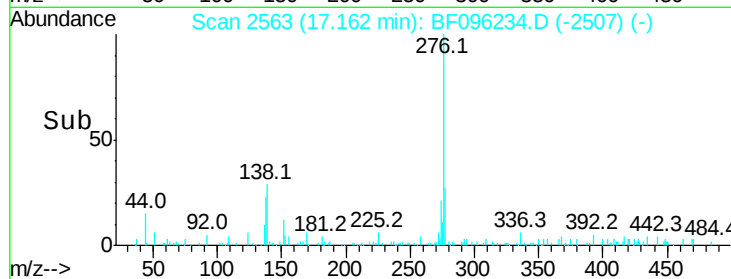
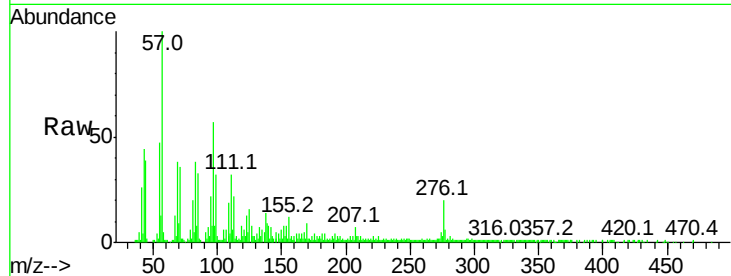
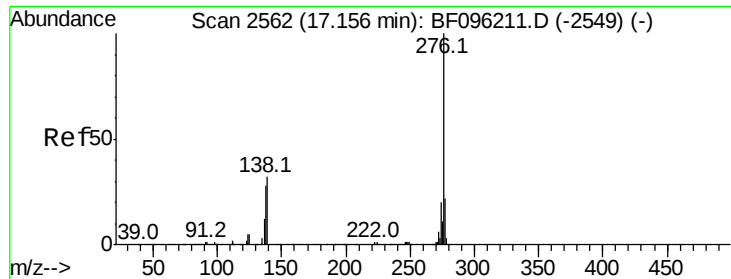
Delta R.T. 0.02 min

Lab File: BF096234.D

Acq: 27 Jun 2017 23:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.5	26.3#
125	50.9	11.0	16.4#





#91

Benzo(a,h,i)perylene

Concen: 2.70 ng

RT: 17.16 min Scan# 2563

Delta R.T. 0.03 min

Lab File: BF096234.D

Acq: 27 Jun 2017 23:35

Instrument :

BNA_F

ClientSampleId :

G-35-0-1.5

Tot Ion:	276	Resp:	29355
Ion Ratio	Lower	Upper	
276	100		
277	32.5	18.6	28.0#
138	45.2	25.4	38.0#

Manual Integrations
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