

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096353.D
 Acq On : 30 Jun 2017 23:07
 Operator : SJ/MA
 Sample : I3908-08 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-59-1.5-3

Manual Integrations
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mohammad
 7/3/2017 11:37:29 AM

Quant Time: Jul 01 00:25:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	122608	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	485567	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	172880	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	254019	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	257049	20.00	ng	-0.01
86) Perylene-d12	15.32	264	165142	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	270212	31.75	ng	-0.02
7) Phenol-d6	6.38	99	322087	31.26	ng	-0.01
23) Nitrobenzene-d5	7.31	82	169747	24.20	ng	-0.05
41) 2,4,6-Tribromophenol	10.57	330	47664	35.03	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	278839	29.54	ng	-0.03
78) Terphenyl-d14	12.85	244	189822	18.43	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.06	128	55294	2.36	ng	97
37) 2-Methylnaphthalene	8.75	142	39643	2.61	ng	98
49) Dimethylphthalate	9.50	163	31275	2.53	ng	99
74) Fluoranthene	12.48	202	135755	9.62	ng	97
77) Pyrene	12.70	202	138613	6.56	ng	96
80) Benzo(a)anthracene	13.89	228	71115m	4.54	ng	
82) Chrysene	13.93	228	81910	5.05	ng	96
87) Benzo(b)fluoranthene	14.92	252	70846m	6.53	ng	
88) Benzo(k)fluoranthene	14.94	252	23434m	2.37	ng	
89) Benzo(a)pyrene	15.26	252	40633	4.24	ng	# 84
91) Benzo(g,h,i)perylene	17.12	276	23406	3.00	ng	94

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

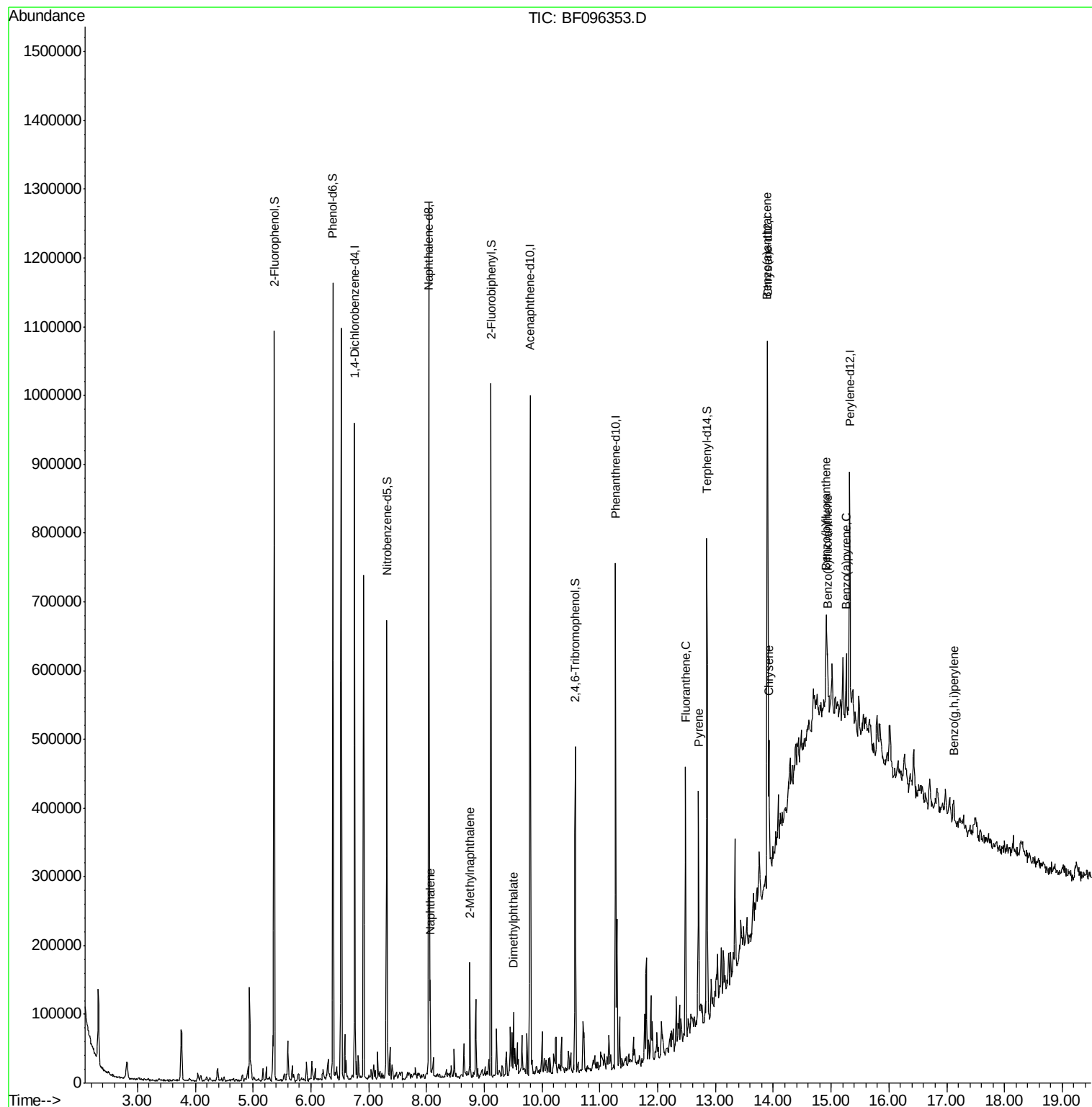
Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096353.D
Acq On : 30 Jun 2017 23:07
Operator : SJ/MA
Sample : I3908-08 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

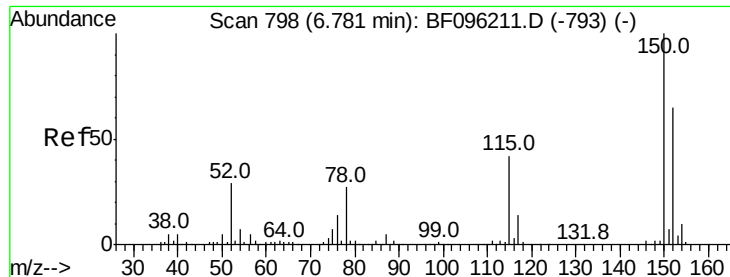
Instrument :
BNA_F
ClientSampleId :
G-59-1.5-3

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#1

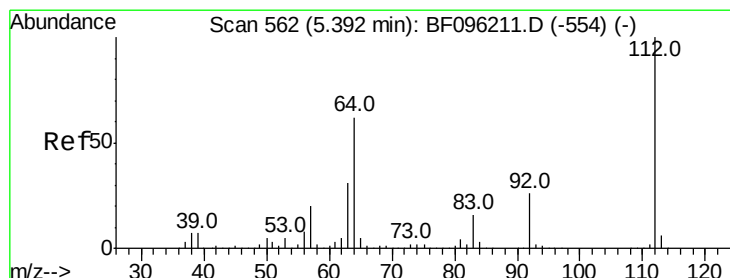
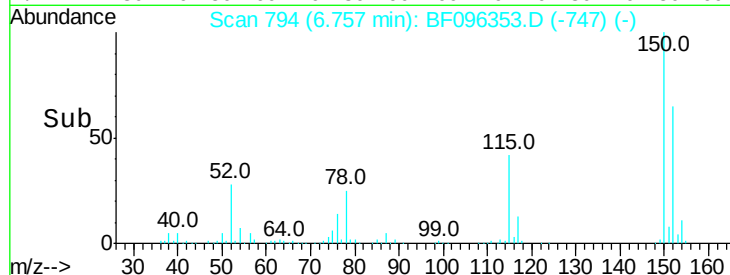
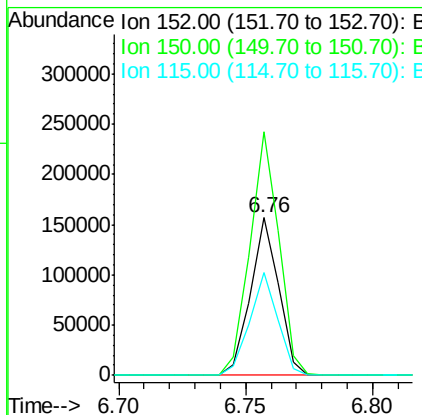
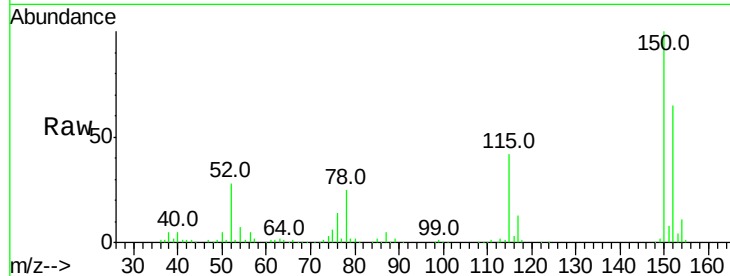
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF096353.D
Acq: 30 Jun 2017 23:07

Instrument :
BNA_F
ClientSampleId :
G-59-1.5-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.2	189.2
115	65.2	52.2	78.2

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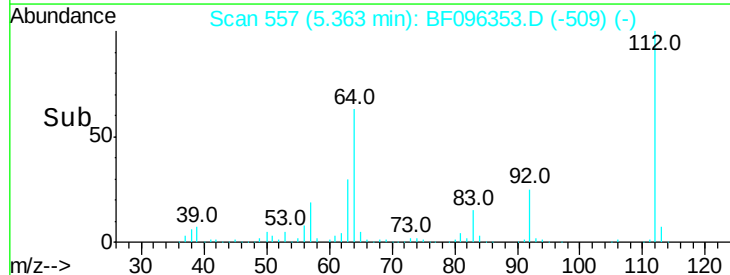
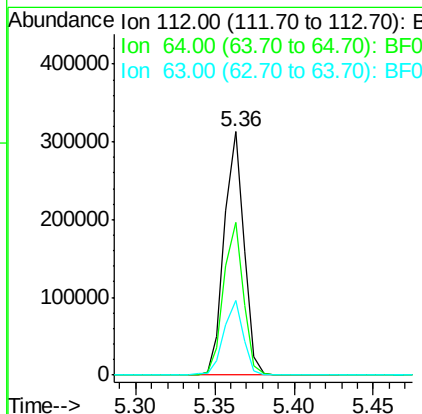
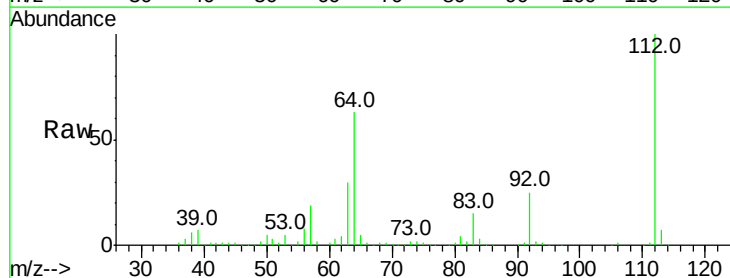
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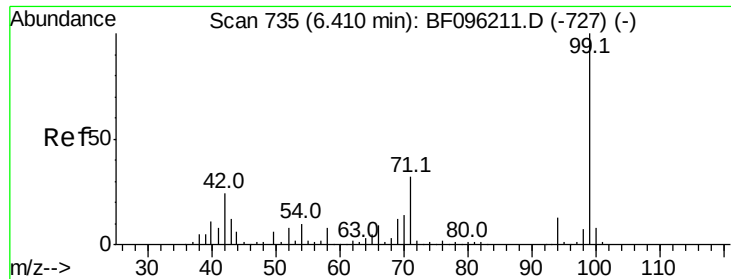


#5

2-Fluorophenol
Concen: 31.75 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF096353.D
Acq: 30 Jun 2017 23:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	46.0	69.0
63	30.4	23.4	35.0





#7

Phenol-d6

Concen: 31.26 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF096353.D

Acq: 30 Jun 2017 23:07

Instrument :

BNA_F

ClientSampleId :

G-59-1.5-3

Tot Ion: 99 Resp: 322087

Ion Ratio Lower Upper

99 100

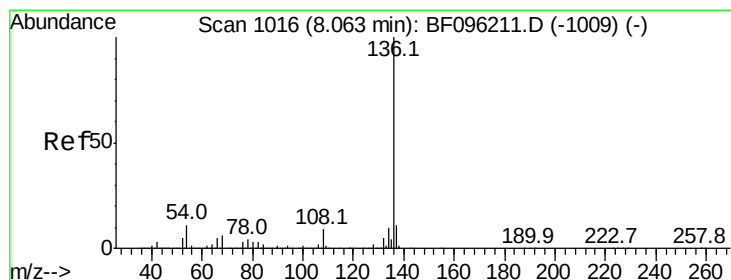
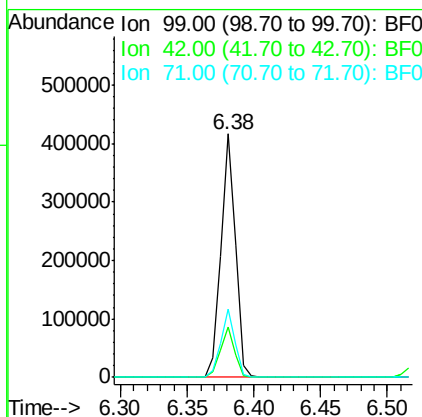
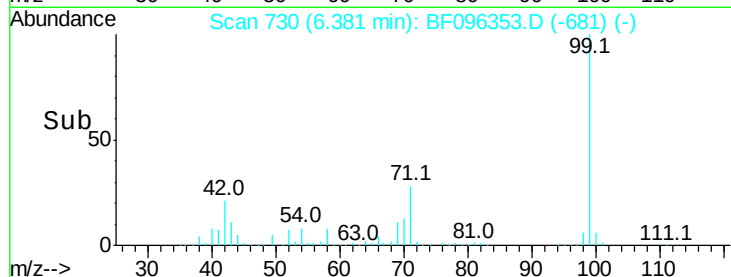
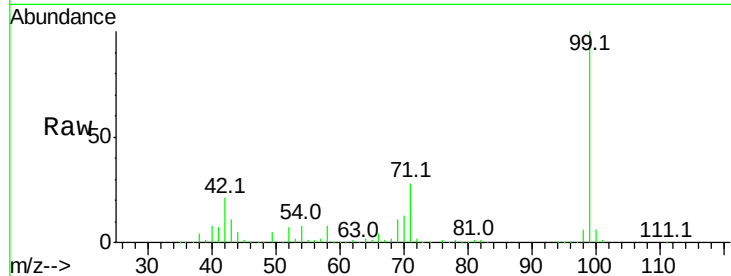
42 20.6 13.5 20.3#

71 28.0 24.5 36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BF096353.D

Acq: 30 Jun 2017 23:07

Tgt Ion: 136 Resp: 485567

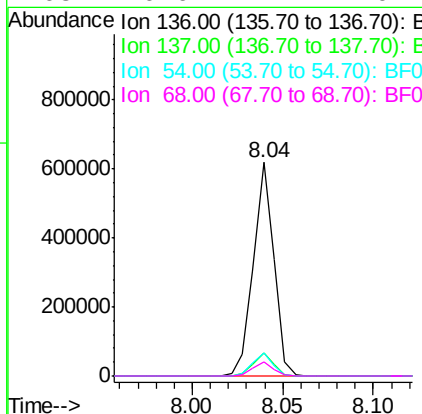
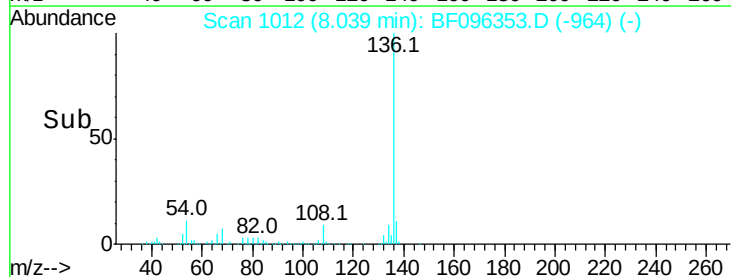
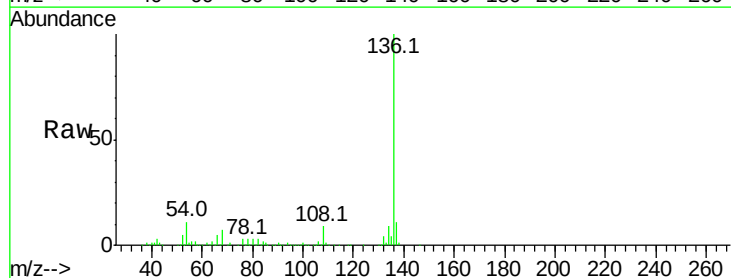
Ion Ratio Lower Upper

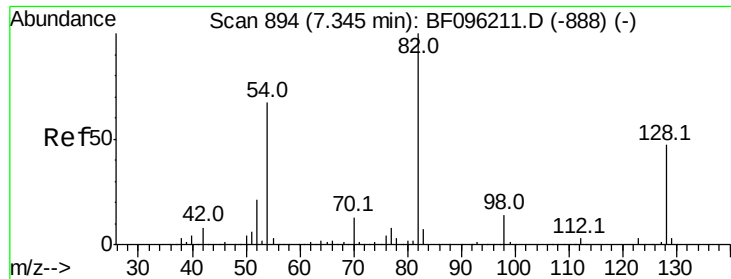
136 100

137 10.7 8.5 12.7

54 10.9 4.9 7.3#

68 6.6 4.1 6.1#





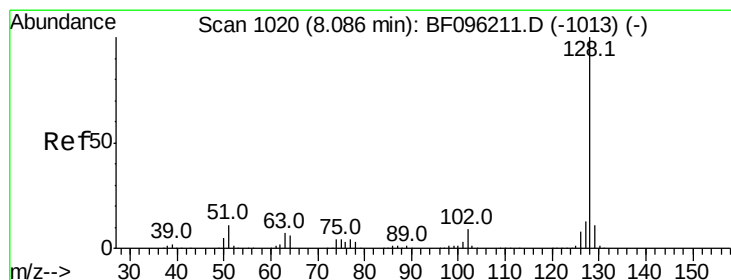
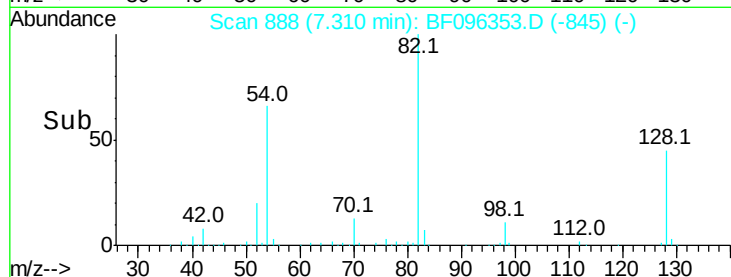
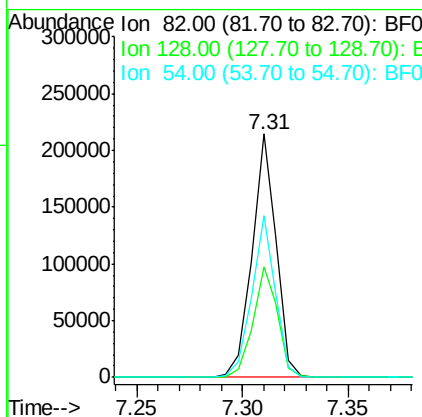
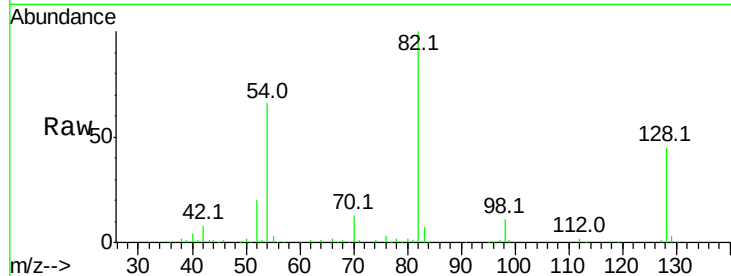
#23
 Nitrobenzene-d5
 Concen: 24.20 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.05 min
 Lab File: BF096353.D
 Acq: 30 Jun 2017 23:07

Instrument :
 BNA_F
 ClientSampleId :
 G-59-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.3	34.0	51.0	
54	66.5	42.2	63.2	

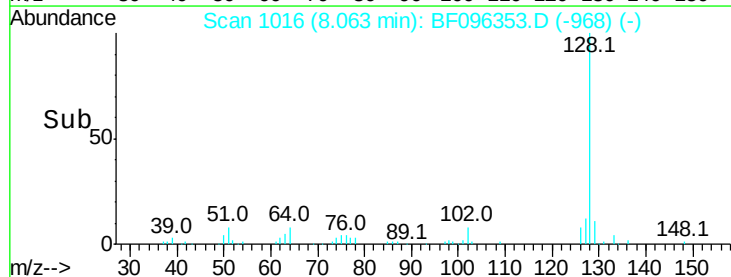
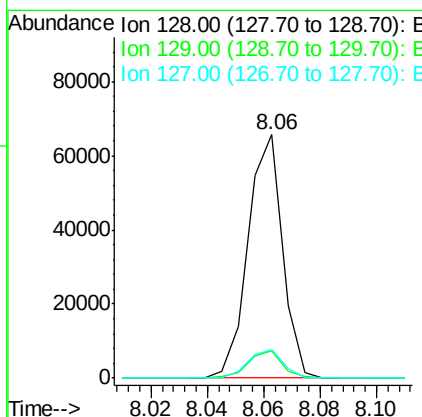
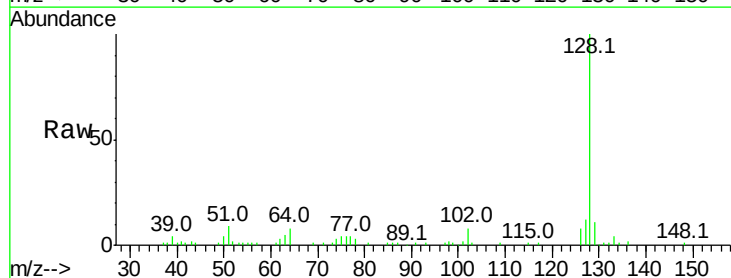
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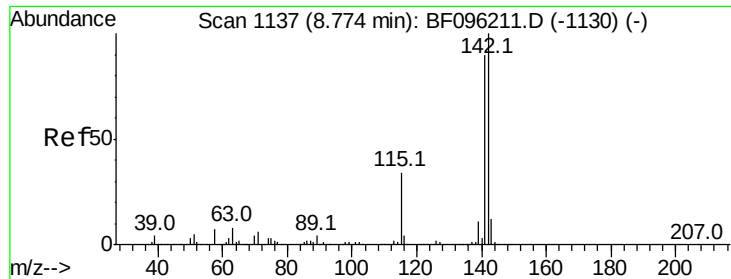
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#31
 Naphthalene
 Concen: 2.36 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.02 min
 Lab File: BF096353.D
 Acq: 30 Jun 2017 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	9.0	13.6	
127	11.8	10.8	16.2	





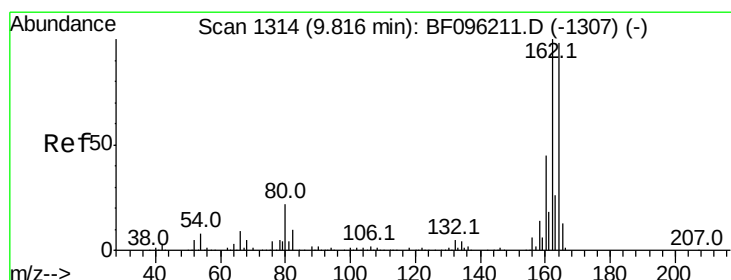
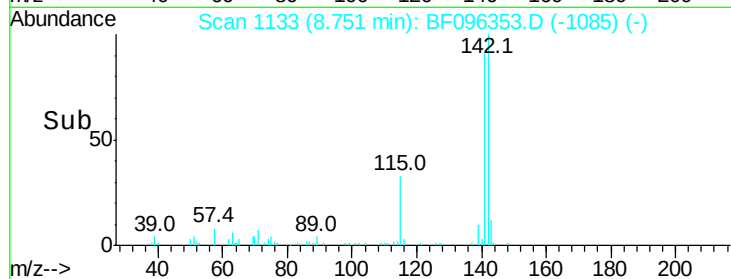
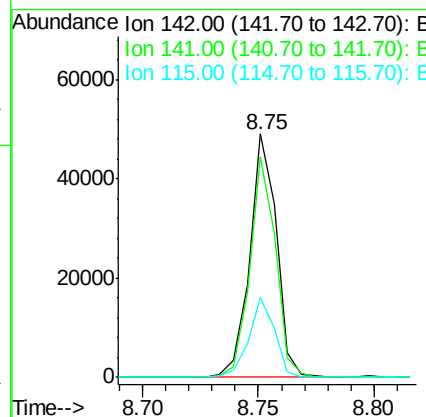
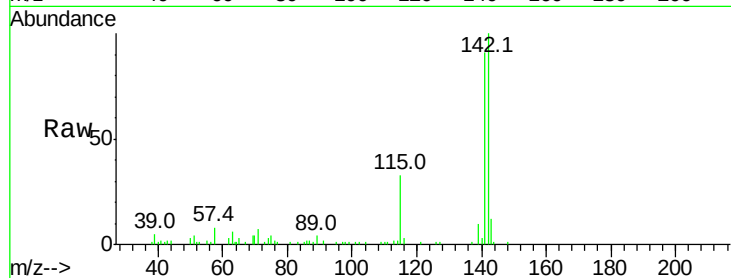
#37
2-Methylnaphthalene
Concen: 2.61 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BF096353.D
Acq: 30 Jun 2017 23:07

Instrument :
BNA_F
ClientSampleId :
G-59-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
142	100	39643		
141	90.6	71.3	106.9	
115	32.6	27.1	40.7	

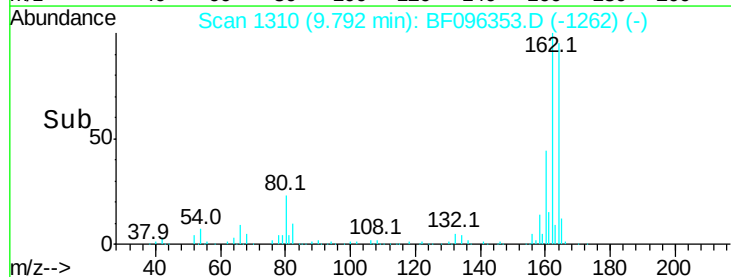
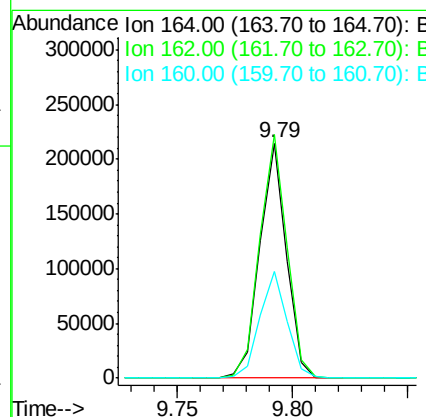
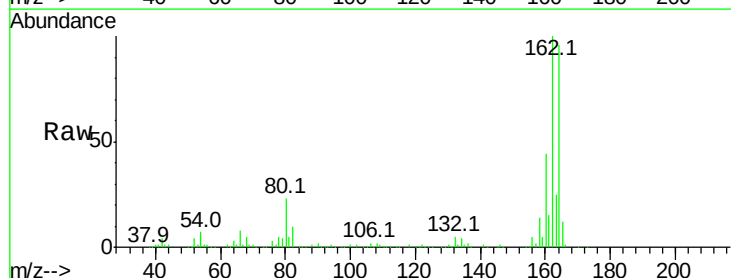
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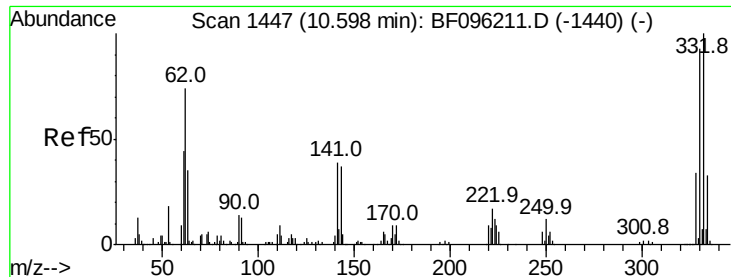
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF096353.D
Acq: 30 Jun 2017 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	172880		
162	103.7	82.6	123.8	
160	45.7	36.2	54.2	





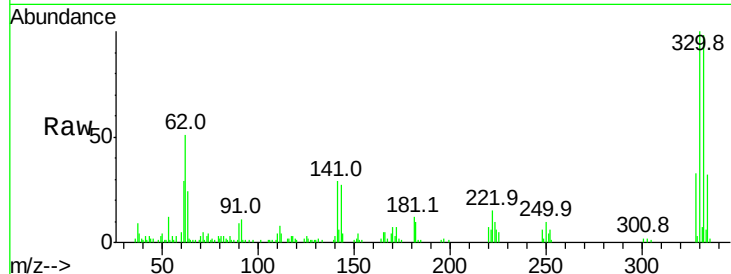
#41
 2,4,6-Tribromophenol
 Concen: 35.03 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.02 min
 Lab File: BF096353.D
 Acq: 30 Jun 2017 23:07

Instrument :
 BNA_F
 ClientSampleId :
 G-59-1.5-3

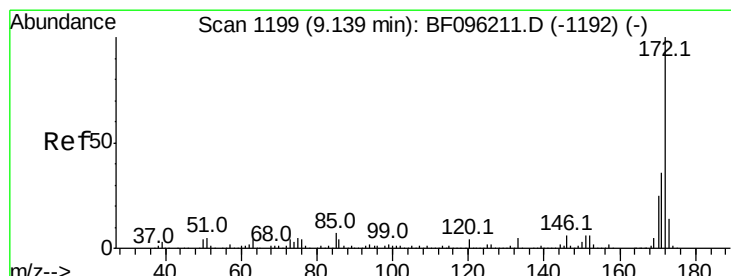
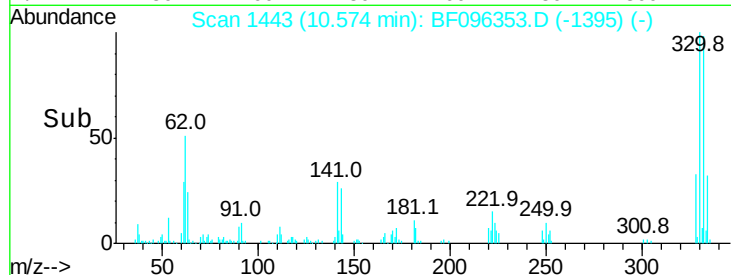
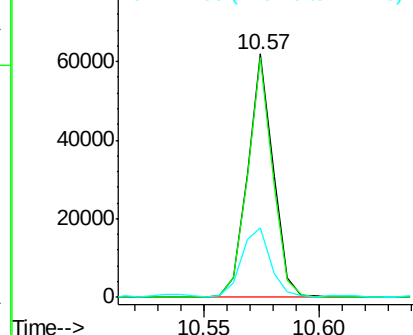
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	33.2	31.4	47.2

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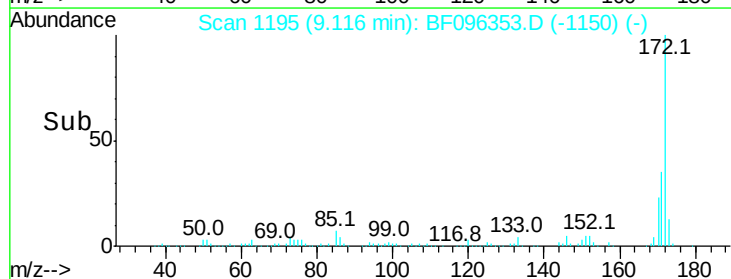
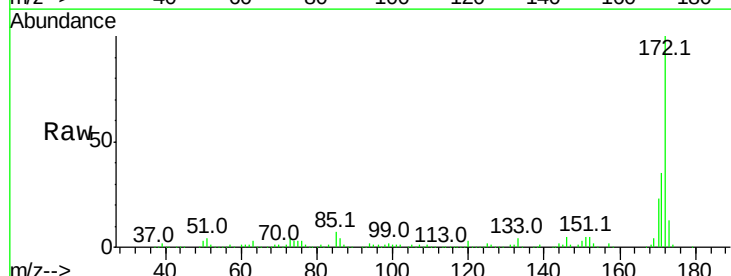
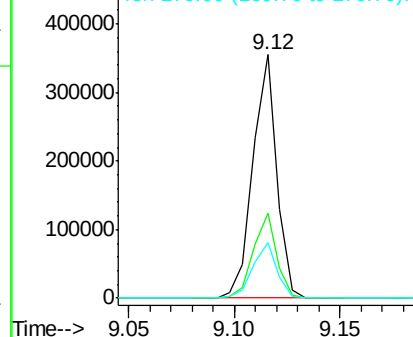
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 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

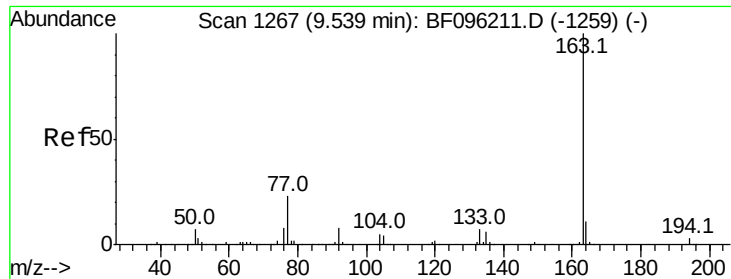


#44
 2-Fluorobiphenyl
 Concen: 29.54 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.03 min
 Lab File: BF096353.D
 Acq: 30 Jun 2017 23:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	22.8	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





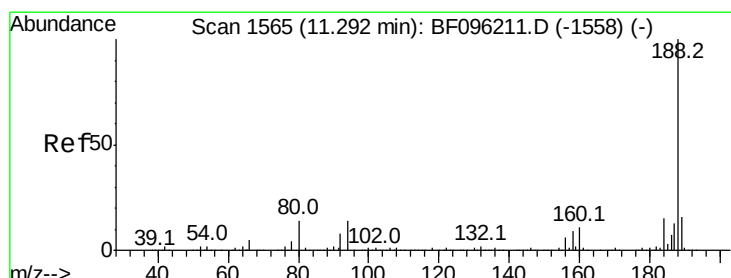
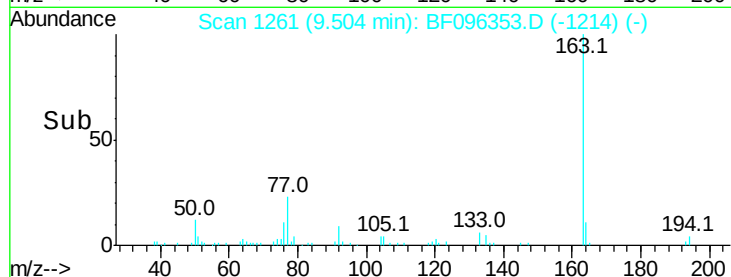
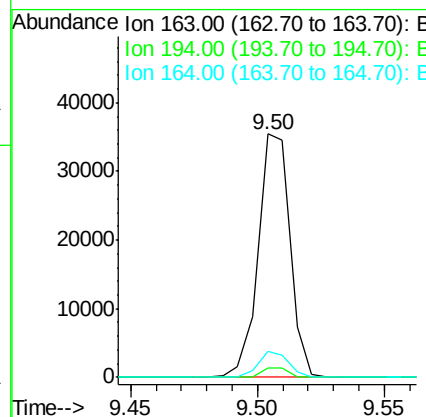
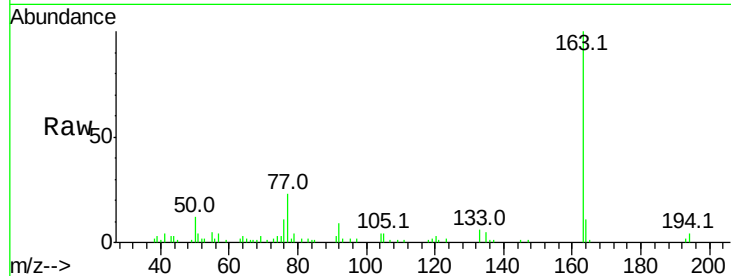
#49
Dimethylphthalate
Concen: 2.53 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF096353.D
Acq: 30 Jun 2017 23:07

Instrument :
BNA_F
ClientSampleId :
G-59-1.5-3

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.7	8.4	12.6

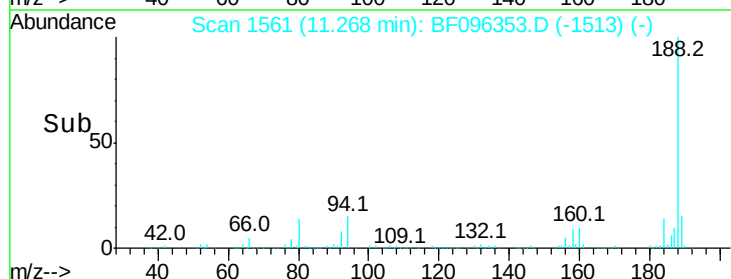
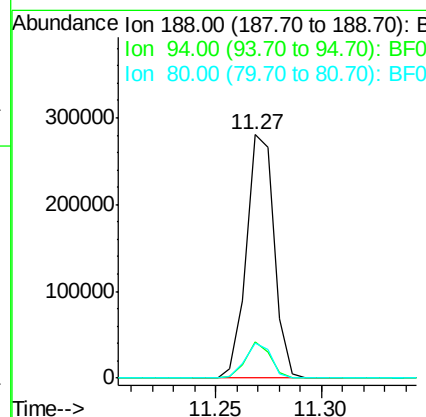
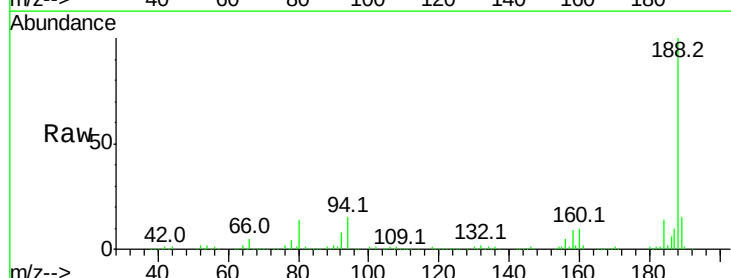
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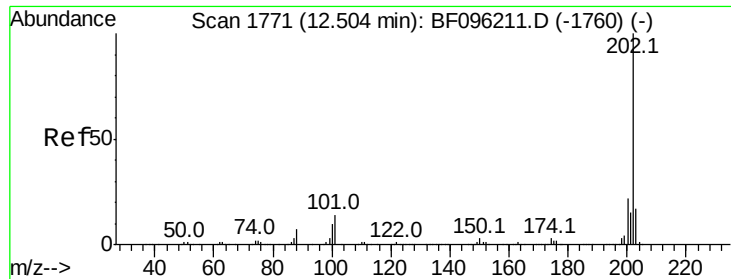
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF096353.D
Acq: 30 Jun 2017 23:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	15.1	9.4	14.2#
80	14.2	10.2	15.2





#74

Fluoranthene

Concen: 9.62 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BF096353.D

Acq: 30 Jun 2017 23:07

Instrument :

BNA_F

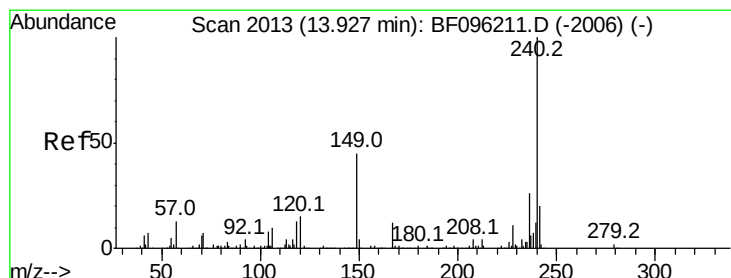
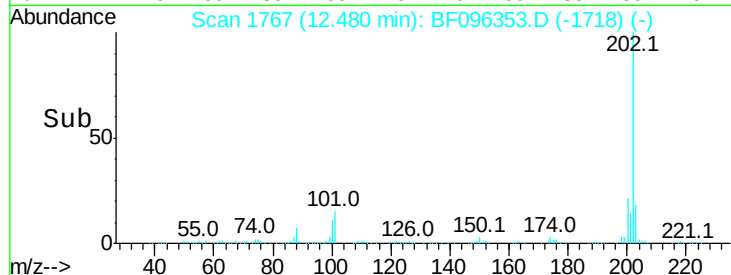
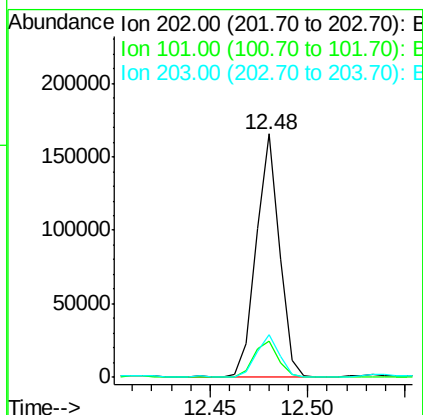
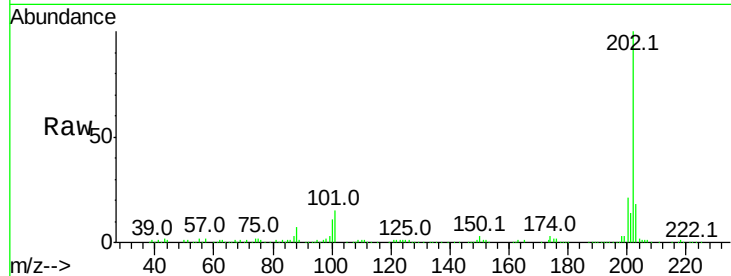
ClientSampleId :

G-59-1.5-3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.1	0.0	33.2
203	17.6	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

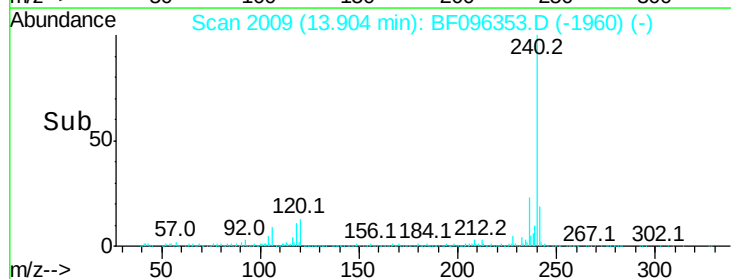
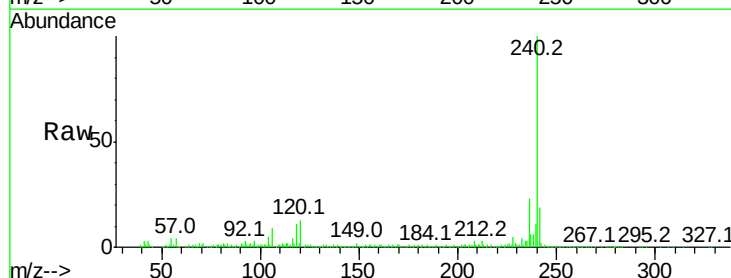
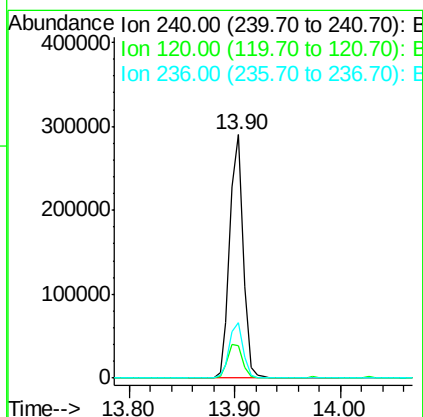
RT: 13.90 min Scan# 2009

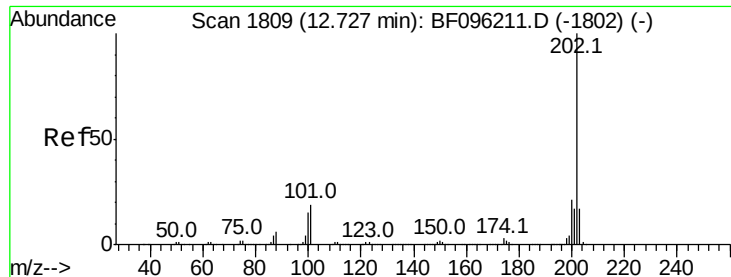
Delta R.T. -0.01 min

Lab File: BF096353.D

Acq: 30 Jun 2017 23:07

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.4	5.8	8.8#
236	23.0	20.5	30.7





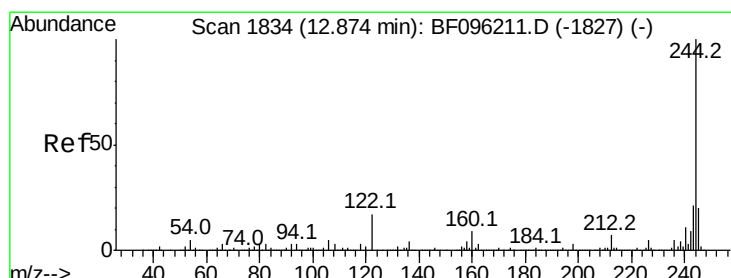
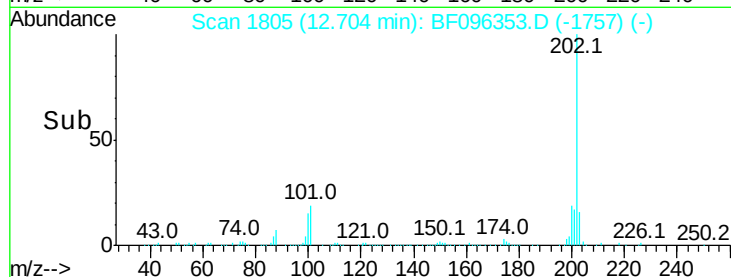
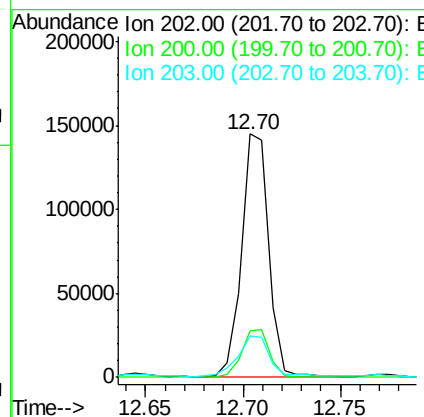
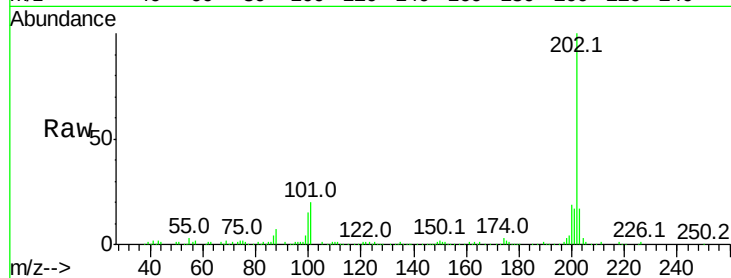
#77
Pvrene
Concen: 6.56 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.02 min
Lab File: BF096353.D
Acq: 30 Jun 2017 23:07

Instrument :
BNA_F
ClientSampleId :
G-59-1.5-3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.3	17.6	26.4
203	17.0	14.4	21.6

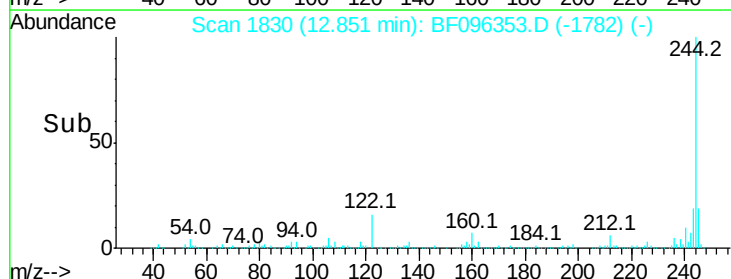
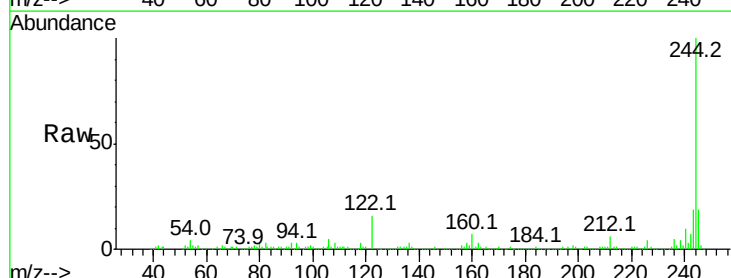
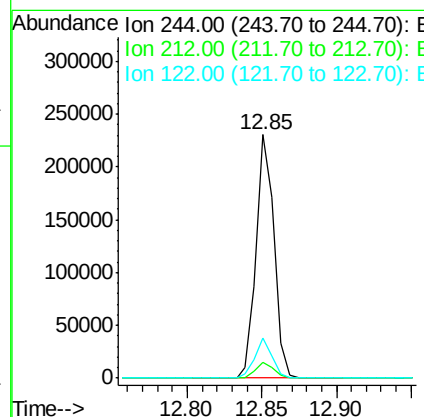
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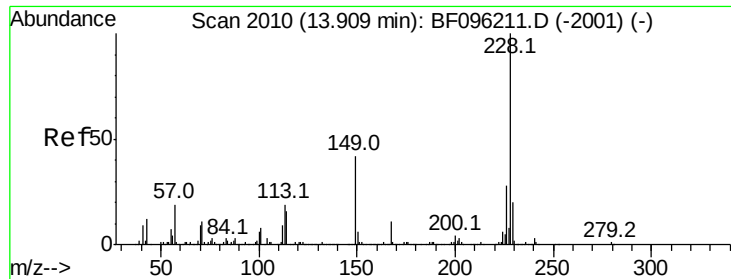
mohammad
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#78
Terphenyl-d14
Concen: 18.43 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.02 min
Lab File: BF096353.D
Acq: 30 Jun 2017 23:07

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.3	6.0	9.0
122	16.4	10.3	15.5





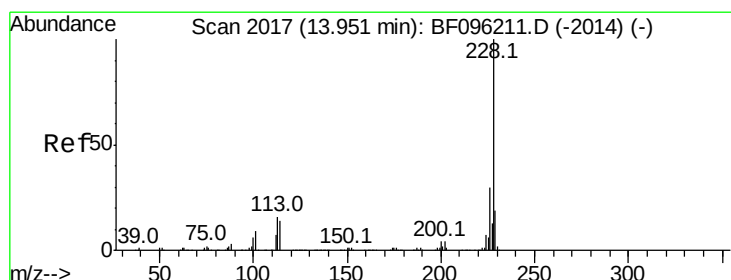
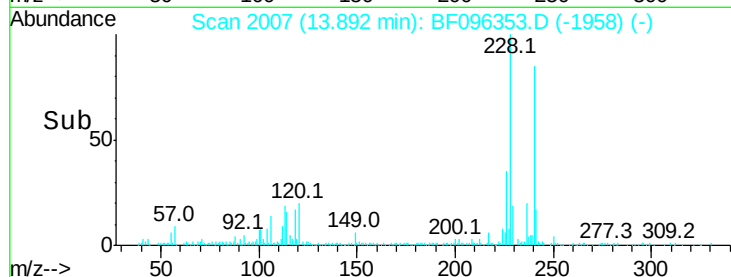
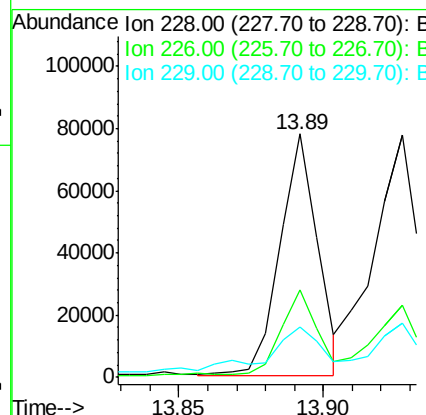
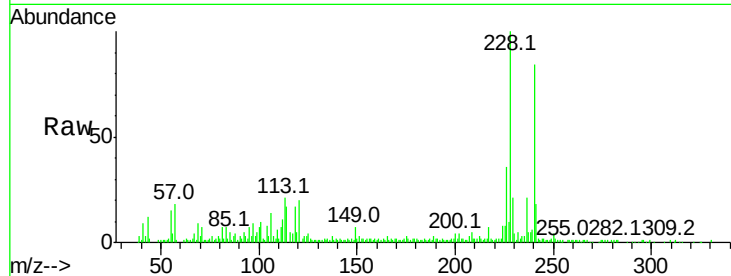
#80
Benzo(a)anthracene
Concen: 4.54 ng m
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF096353.D
Acq: 30 Jun 2017 23:07

Instrument :
BNA_F
ClientSampleId :
G-59-1.5-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.1	22.6	33.8#
229	20.7	16.3	24.5

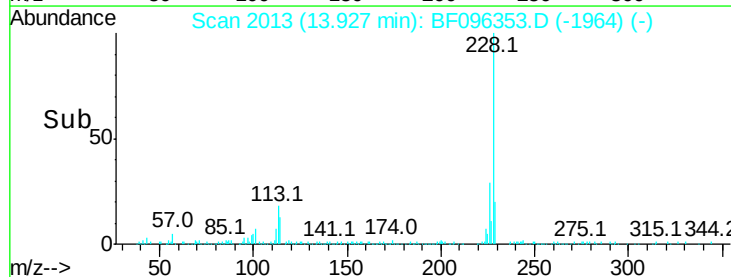
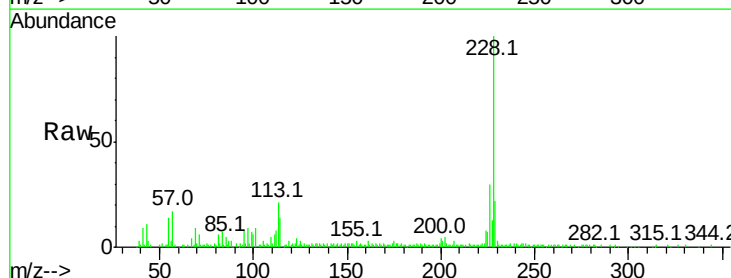
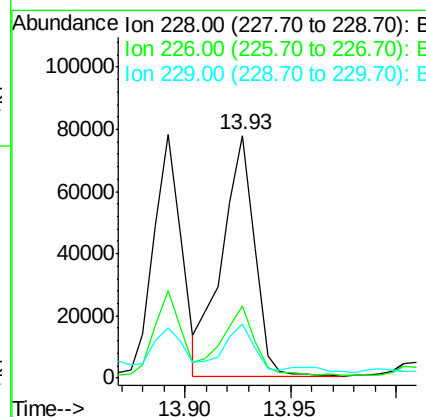
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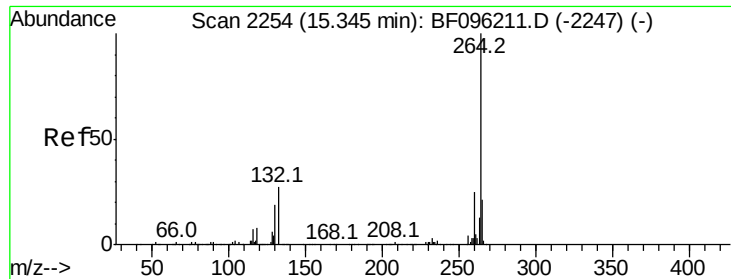
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#82
Chrysene
Concen: 5.05 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF096353.D
Acq: 30 Jun 2017 23:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	22.5	15.8	23.6





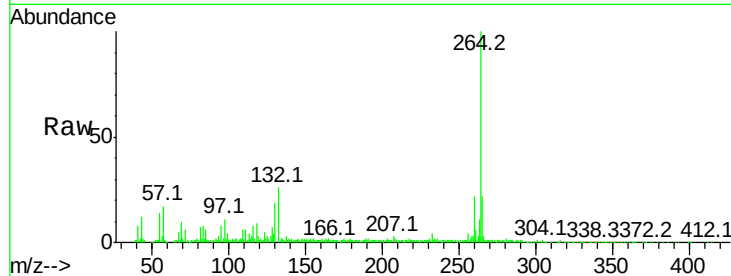
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.02 min
Lab File: BF096353.D
Acq: 30 Jun 2017 23:07

Instrument :
BNA_F
ClientSampleId :
G-59-1.5-3

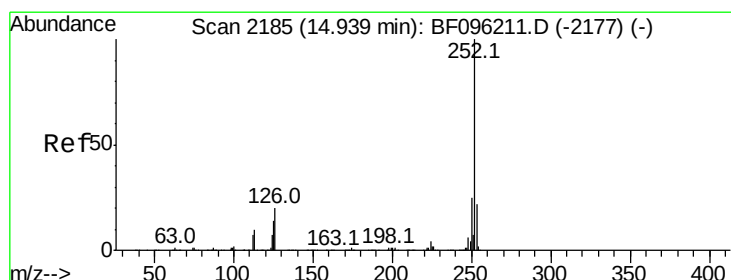
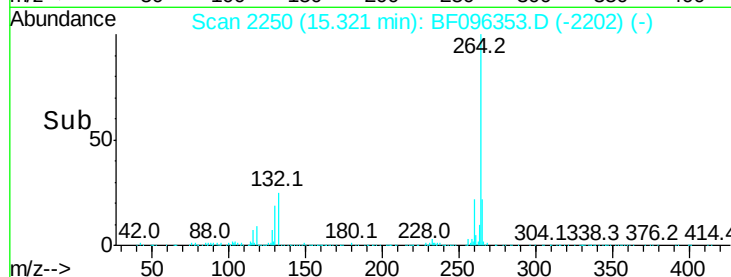
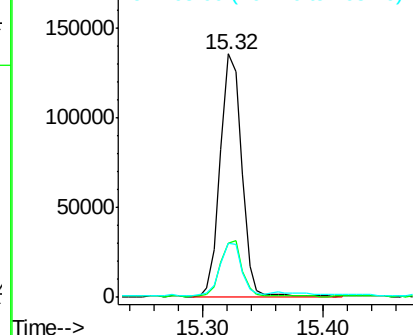
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	22.3	17.2	25.8

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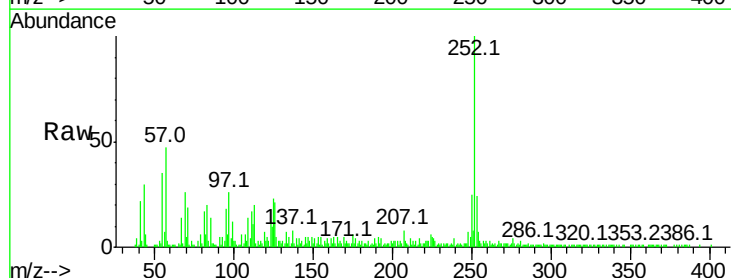


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

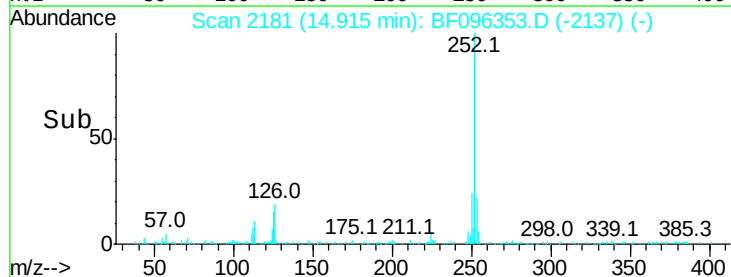
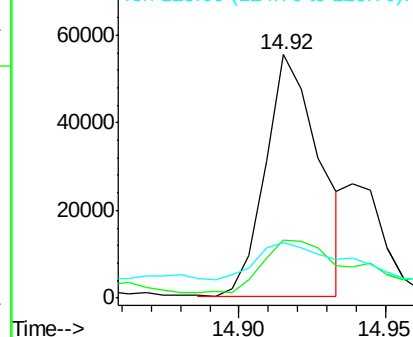


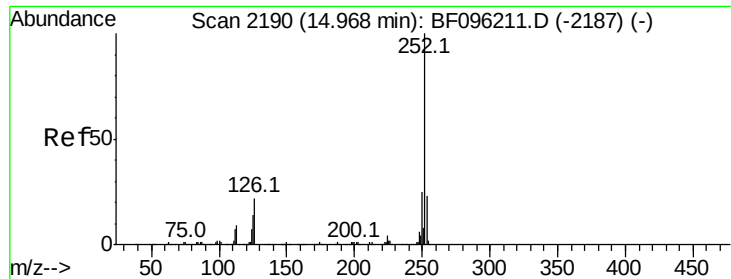
#87
Benzo(b)fluoranthene
Concen: 6.53 ng m
RT: 14.92 min Scan# 2181
Delta R.T. -0.04 min
Lab File: BF096353.D
Acq: 30 Jun 2017 23:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.1	27.1
125	22.6	9.8	14.8



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





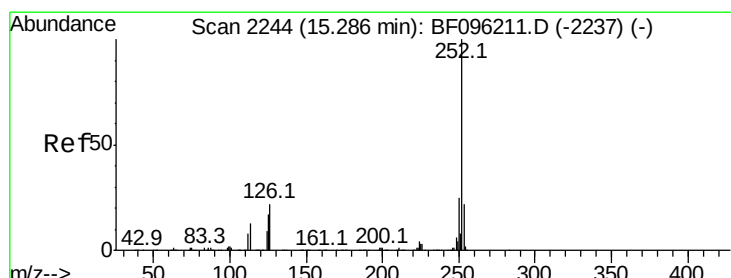
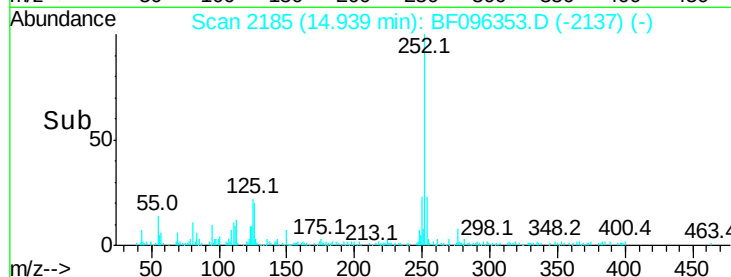
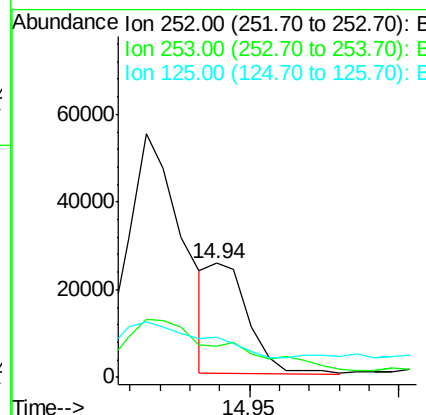
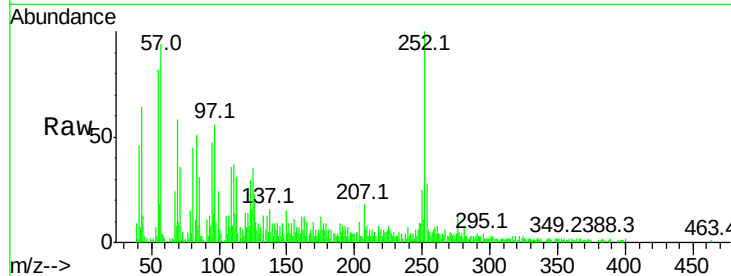
#88
Benzo(k)fluoranthene
Concen: 2.37 ng m
RT: 14.94 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BF096353.D
Acq: 30 Jun 2017 23:07

Instrument :
BNA_F
ClientSampleId :
G-59-1.5-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.4	27.6#
125	35.3	13.1	19.7#

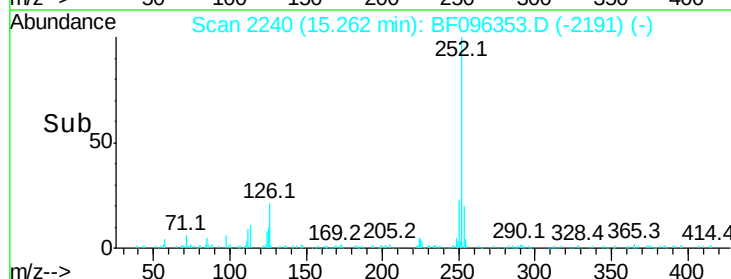
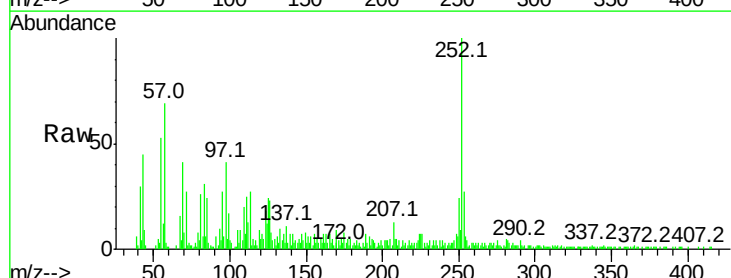
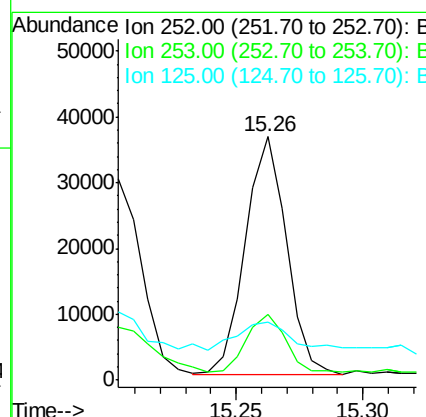
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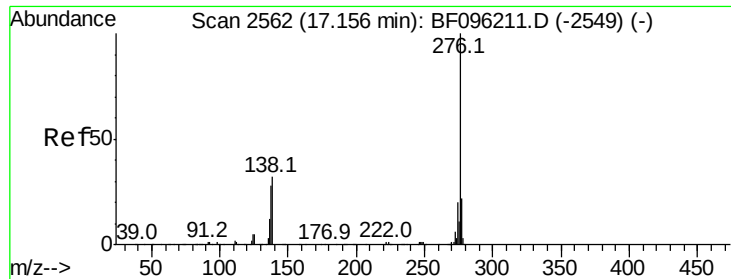
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#89
Benzo(a)pyrene
Concen: 4.24 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF096353.D
Acq: 30 Jun 2017 23:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.5	26.3#
125	23.8	11.0	16.4#





#91
 Benzo(a,h,i)perylene
 Concen: 3.00 ng
 RT: 17.12 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BF096353.D
 Acq: 30 Jun 2017 23:07

Instrument :
 BNA_F
 ClientSampleId :
 G-59-1.5-3

Tot Ion:	276	Resp:	23406
Ion Ratio	Lower	Upper	
276	100		
277	27.2	18.6	28.0
138	33.8	25.4	38.0

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