

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
 Data File : BF106934.D
 Acq On : 28 Jun 2018 21:23
 Operator : JU/SJ
 Sample : J3242-09 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-E

Manual Integrations
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 6/29/2018 2:30:51 PM

Quant Time: Jun 29 02:06:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	67178	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	232291	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	89331	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	146049	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	200648	20.00	ng	-0.02
86) Perylene-d12	15.68	264	193049	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	217524	54.83	ng	-0.01
7) Phenol-d6	6.59	99	266096	53.71	ng	-0.02
23) Nitrobenzene-d5	7.51	82	153983	36.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	55781	53.88	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	275909	45.41	ng	-0.02
78) Terphenyl-d14	13.07	244	299015	36.10	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	51627	7.706	ng	# 85
70) Phenanthrene	11.51	178	28103	3.990	ng	# 88
74) Fluoranthene	12.71	202	72974	9.399	ng	95
77) Pyrene	12.94	202	90602	6.848	ng	97
80) Benzo(a)anthracene	14.13	228	56039	4.582	ng	# 95
82) Chrysene	14.17	228	50937m	4.528	ng	
85) Indeno(1,2,3-cd)pyrene	17.24	276	34922	3.658	ng	# 87
87) Benzo(b)fluoranthene	15.22	252	94149m	7.851	ng	
88) Benzo(k)fluoranthene	15.24	252	32018m	2.804	ng	
89) Benzo(a)pyrene	15.61	252	66881	6.274	ng	95
91) Benzo(g,h,i)perylene	17.72	276	35603	4.032	ng	# 89

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

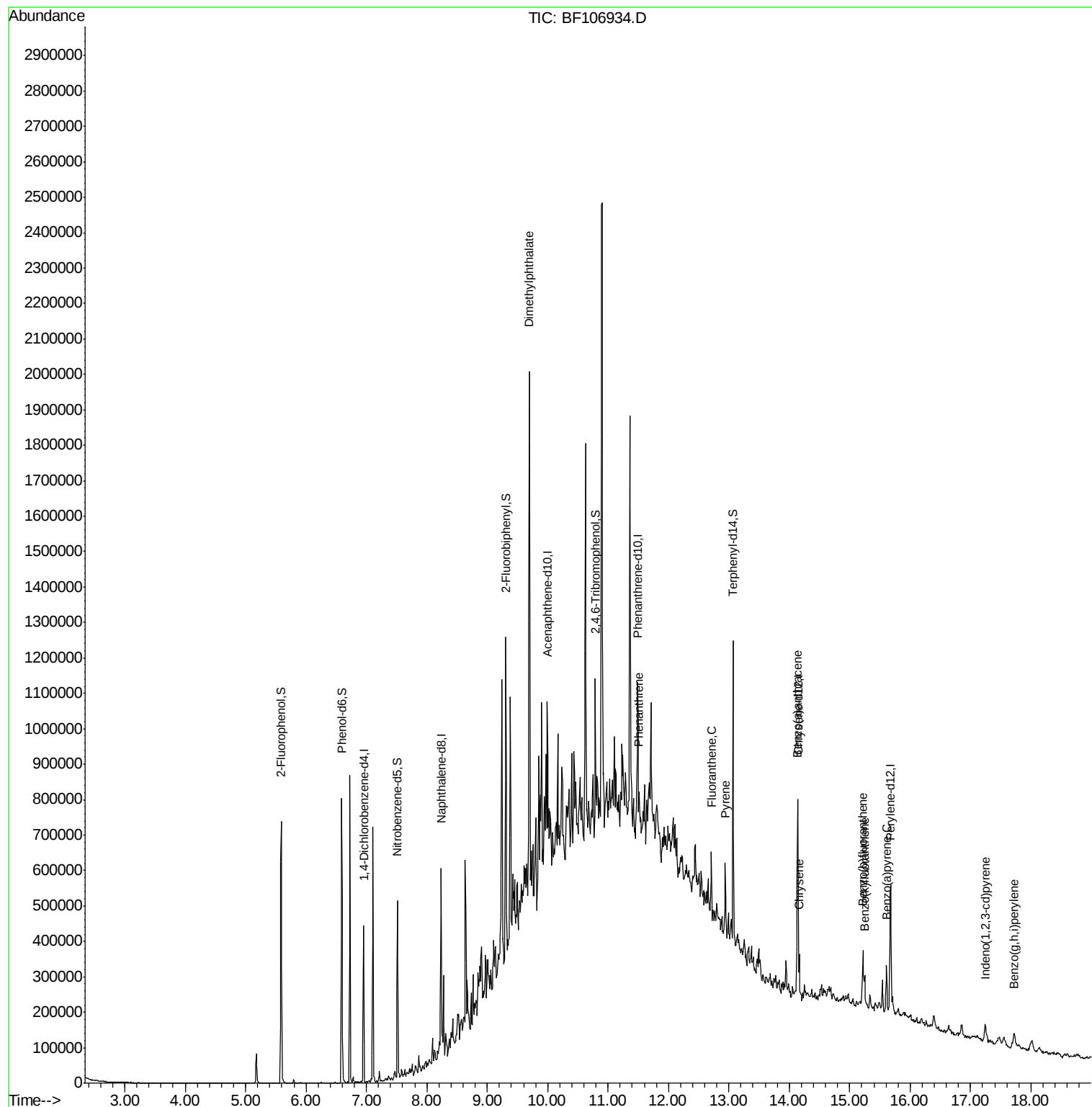
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106934.D
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Operator : JU/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

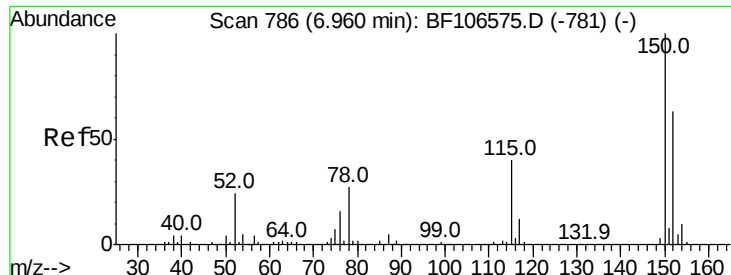
Instrument :
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JC-02-062618-E

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#1

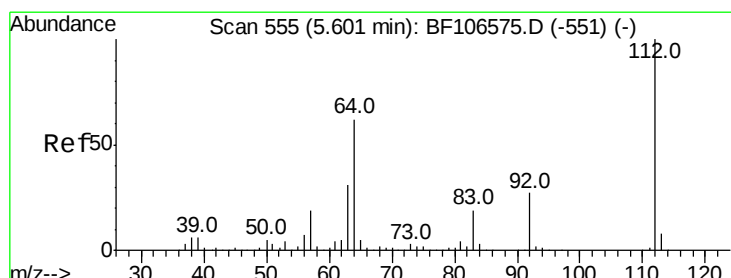
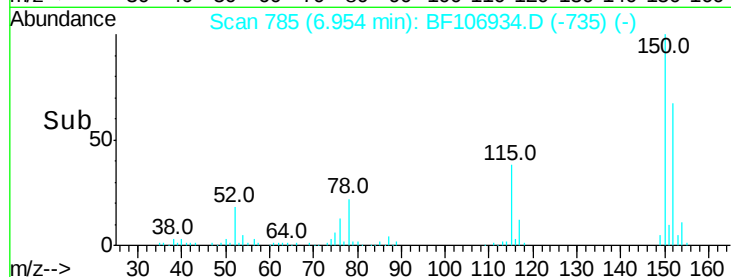
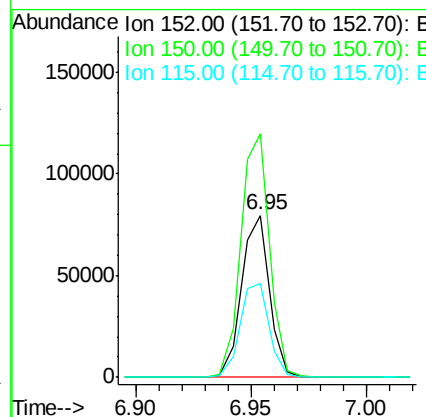
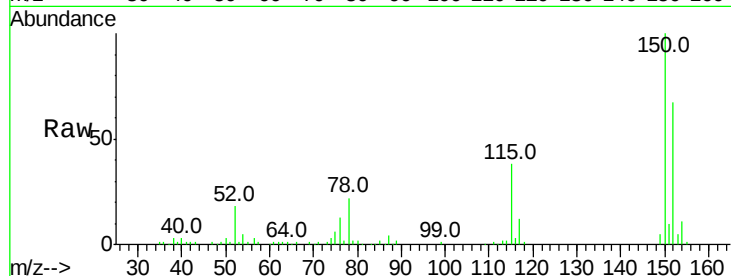
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	124.6	186.8
115	57.6	50.1	75.1

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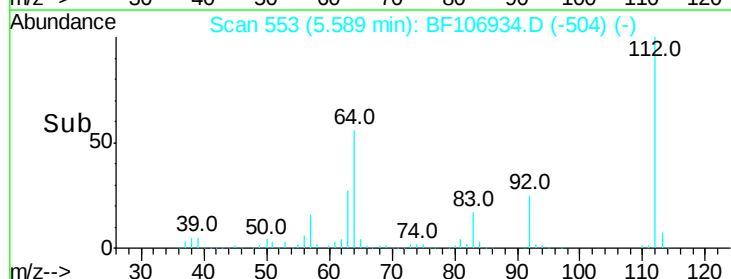
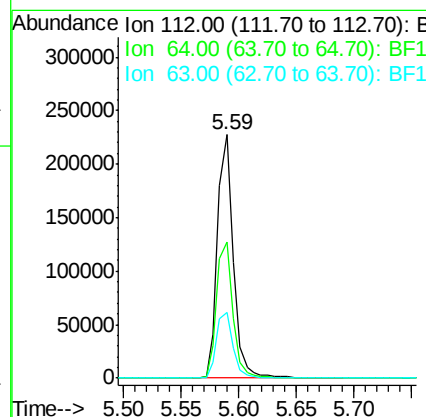
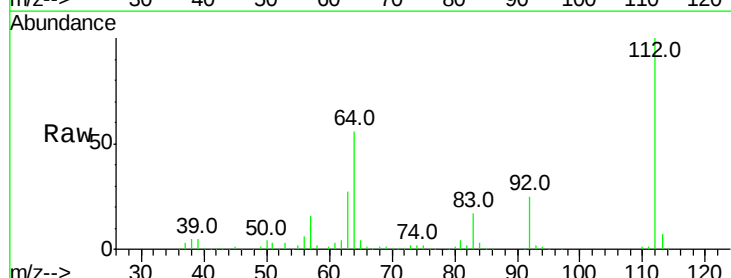
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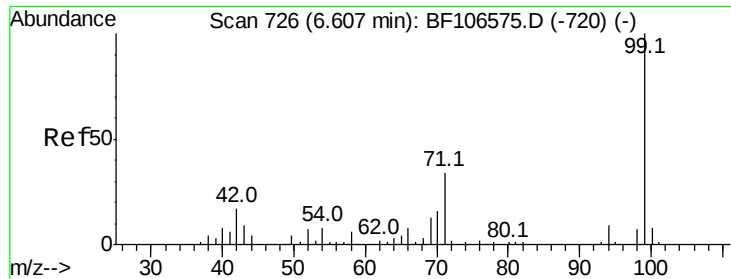


#5

2-Fluorophenol
Concen: 54.830 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	27.0	23.7	35.5





#7

Phenol-d6

Concen: 53.710 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106934.D

Acq: 28 Jun 2018 21:23

Instrument :

BNA_F

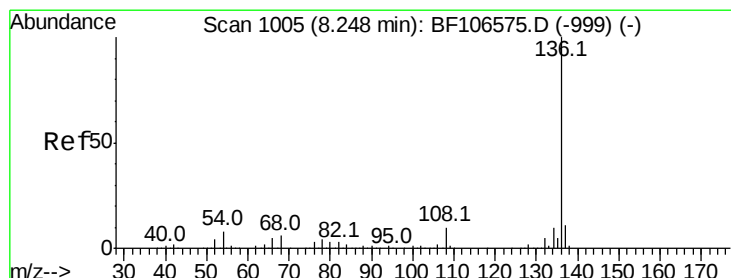
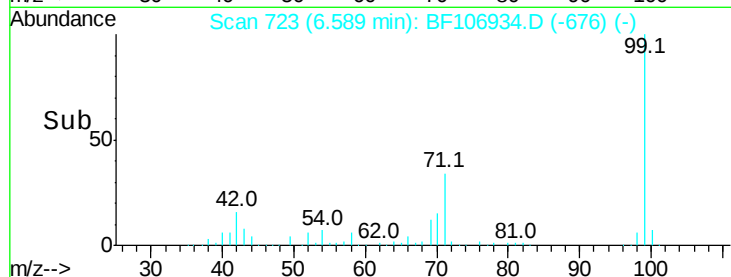
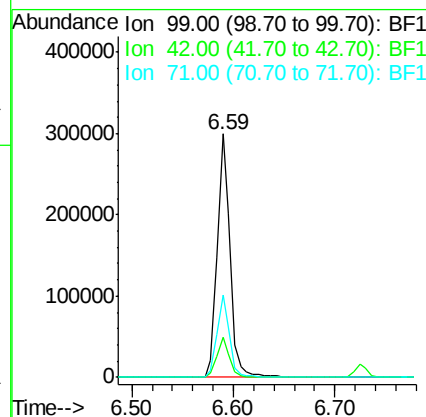
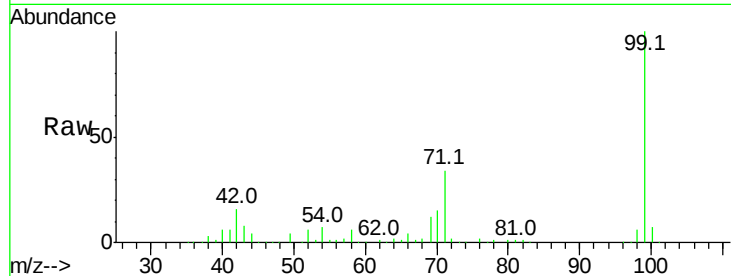
ClientSampleId :

JC-02-062618-E

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		266096		
42	16.4	14.5	21.7		
71	33.7	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

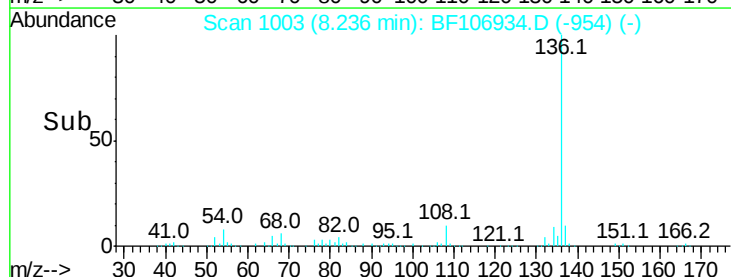
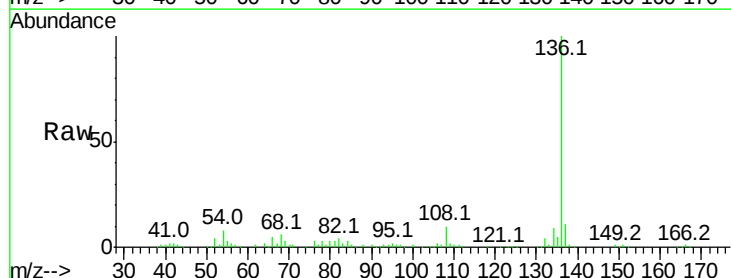
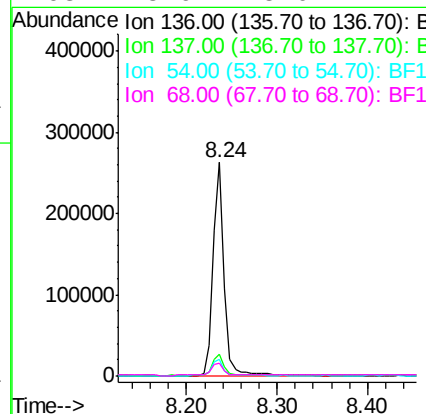
RT: 8.24 min Scan# 1003

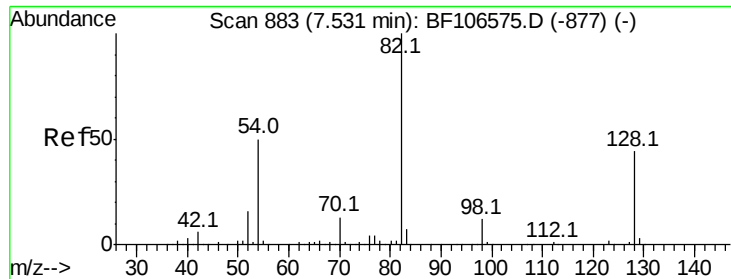
Delta R.T. -0.01 min

Lab File: BF106934.D

Acq: 28 Jun 2018 21:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		232291		
137	10.5	8.9	13.3		
54	7.5	6.6	9.8		
68	5.9	5.0	7.4		





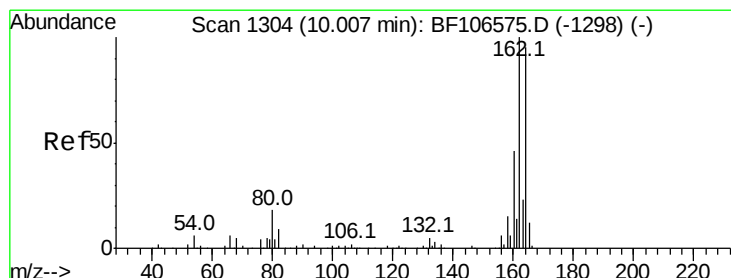
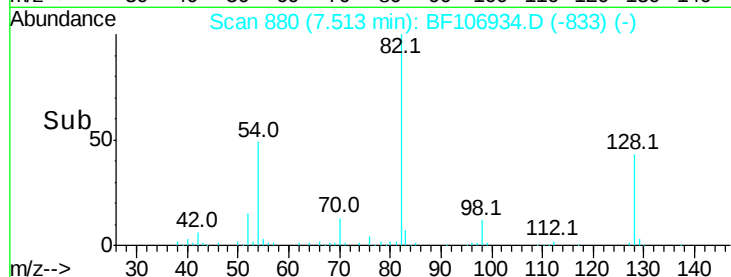
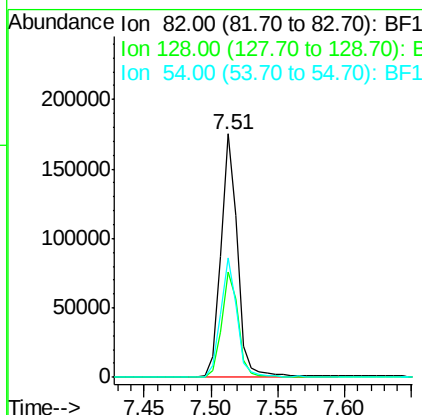
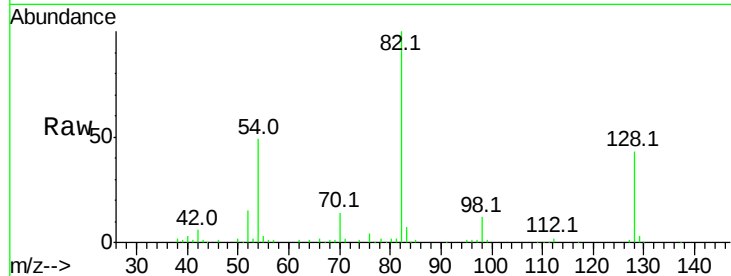
#23
Nitrobenzene-d5
Concen: 36.839 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.3	36.1	54.1	
54	49.1	41.4	62.2	

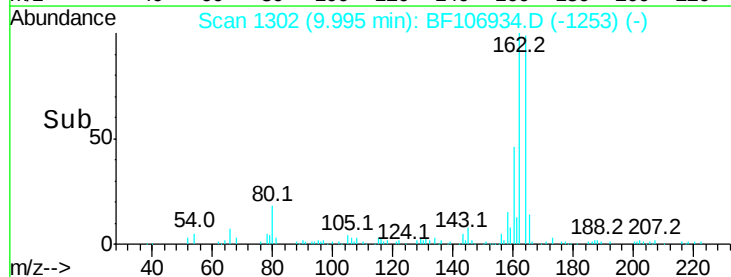
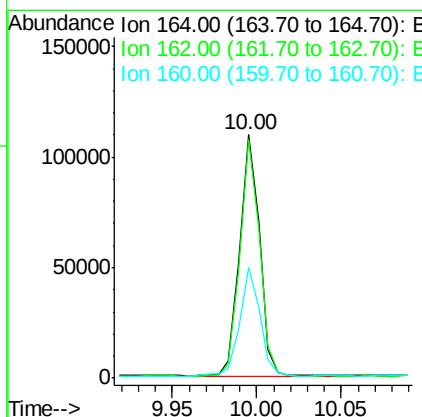
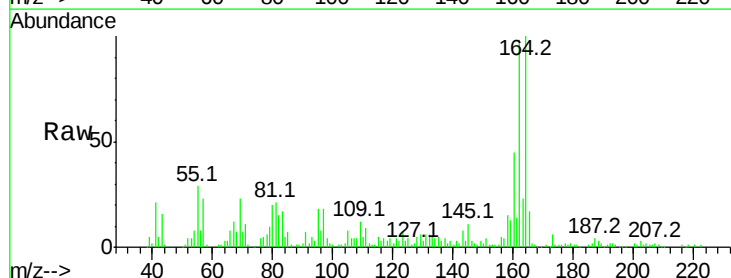
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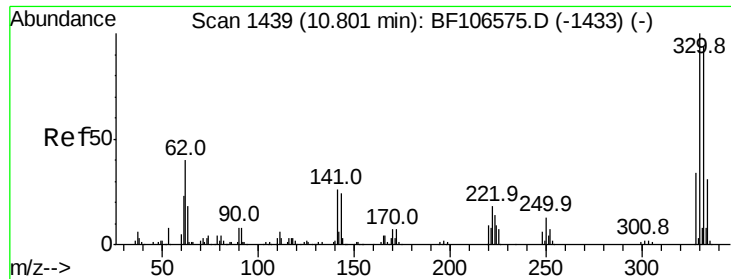
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	97.8	86.1	129.1	
160	45.3	38.3	57.5	





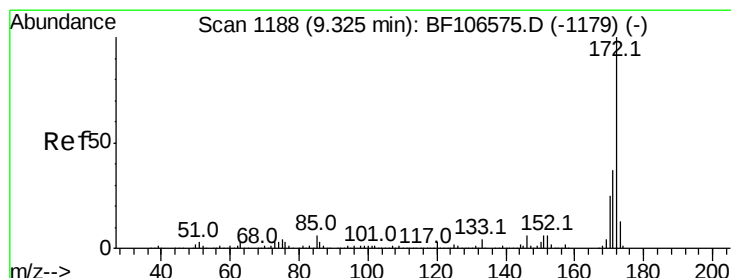
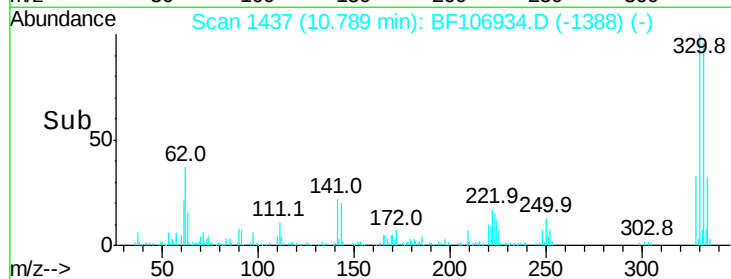
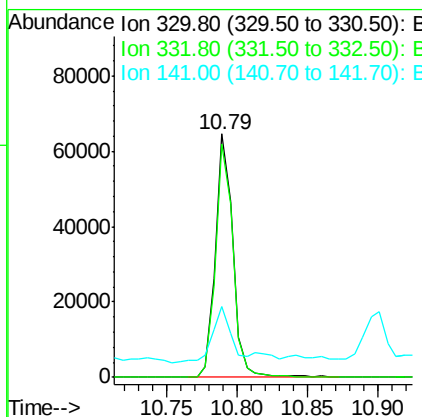
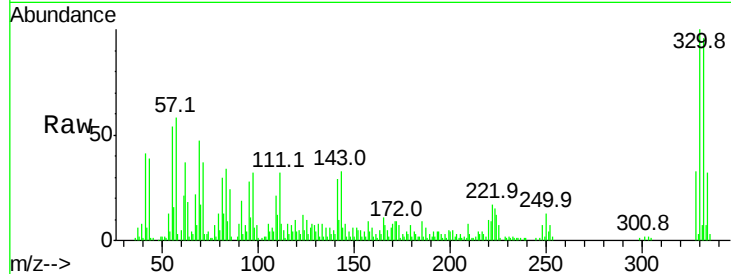
#41
 2,4,6-Tribromophenol
 Concen: 53.875 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106934.D
 Acq: 28 Jun 2018 21:23

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-E

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	77.0	115.6	
141	24.9	29.9	44.9	

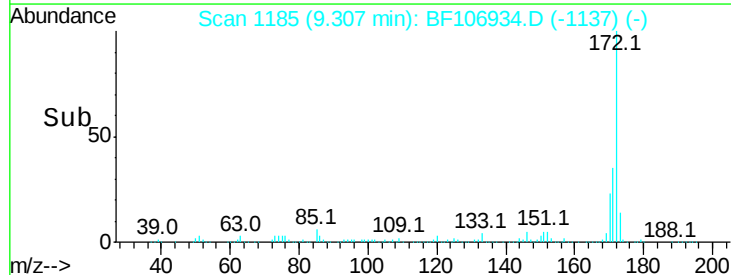
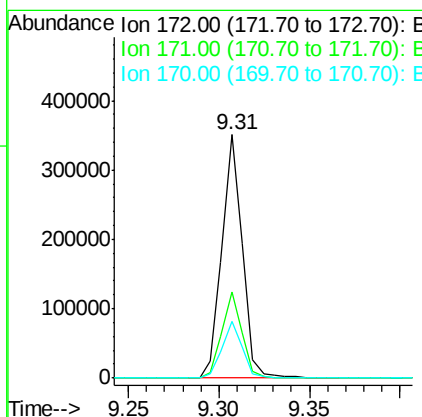
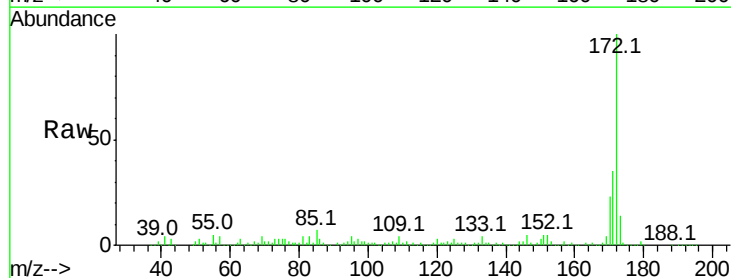
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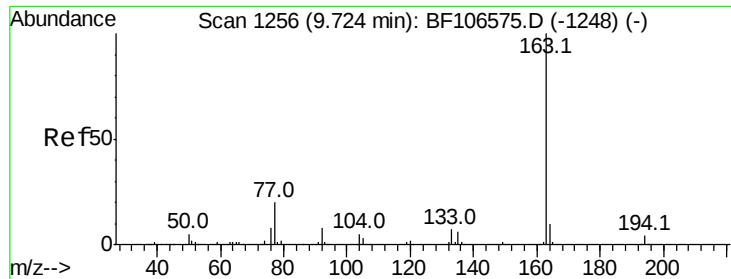
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#44
 2-Fluorobiphenyl
 Concen: 45.408 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106934.D
 Acq: 28 Jun 2018 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.1	29.7	44.5	
170	23.2	19.6	29.4	





#49

Dimethylphthalate

Concen: 7.706 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106934.D

Acq: 28 Jun 2018 21:23

Instrument :

BNA_F

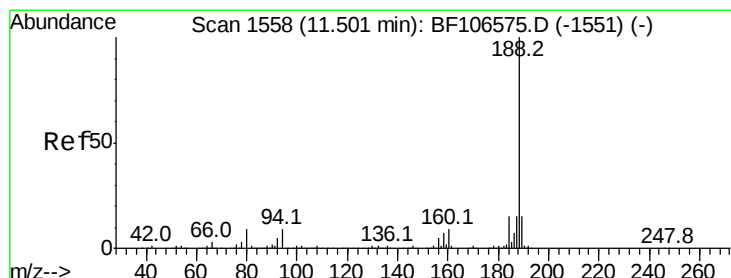
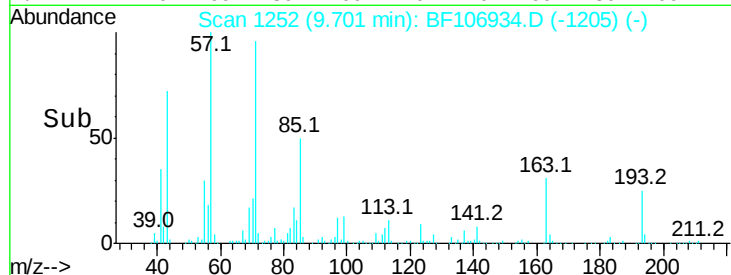
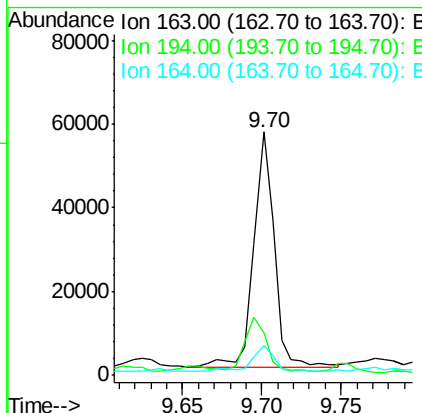
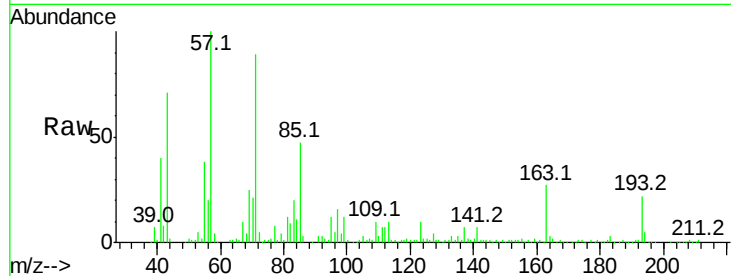
ClientSampleId :

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Tot Ion:	163	Resp:	51627
Ion Ratio	Lower	Upper	
163	100		
194	17.7	2.7	4.1#
164	12.2	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

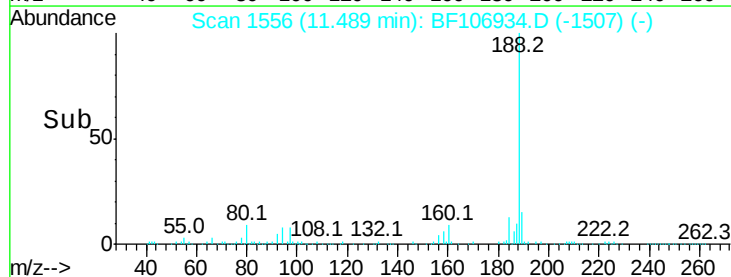
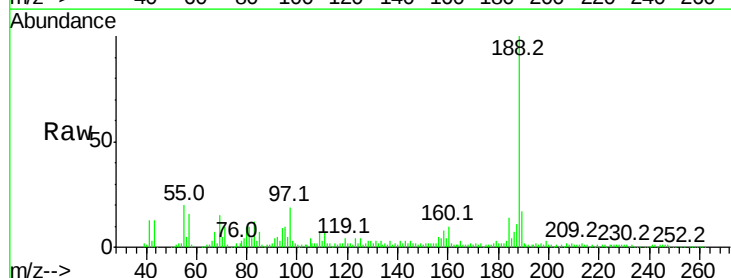
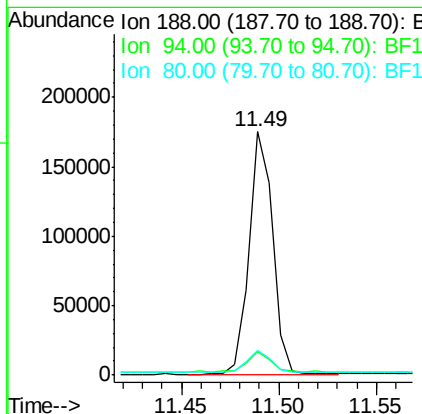
RT: 11.49 min Scan# 1556

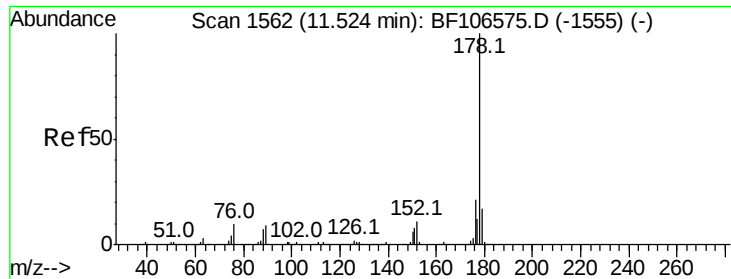
Delta R.T. -0.01 min

Lab File: BF106934.D

Acq: 28 Jun 2018 21:23

Tgt Ion:	188	Resp:	146049
Ion Ratio	Lower	Upper	
188	100		
94	9.4	8.5	12.7
80	9.9	9.2	13.8





#70

Phenanthrene

Concen: 3.990 ng

RT: 11.51 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF106934.D

Acq: 28 Jun 2018 21:23

Instrument :

BNA_F

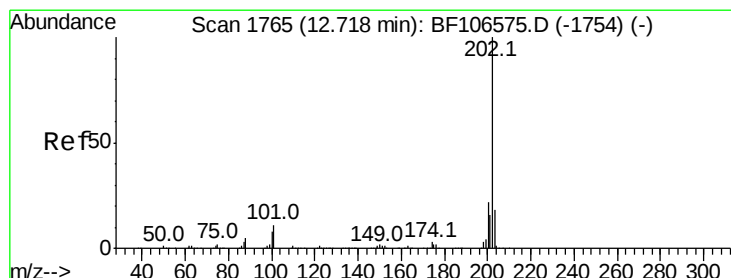
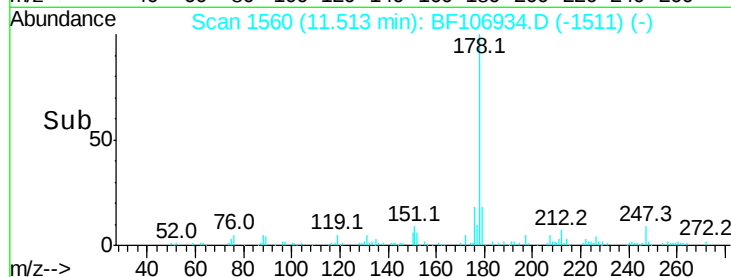
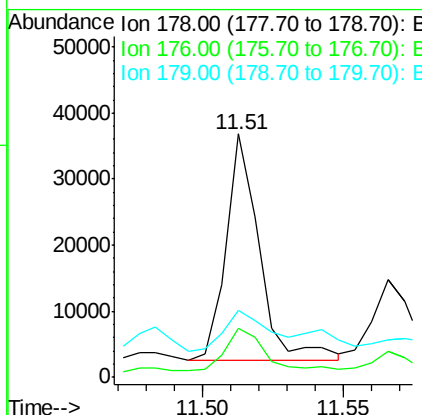
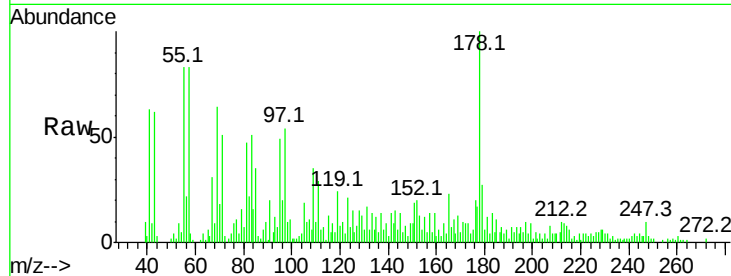
ClientSampleId :

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Tot Ion:	178	Resp:	28103
Ion Ratio	Lower	Upper	
178	100		
176	20.1	15.8	23.8
179	27.5	13.0	19.6

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#74

Fluoranthene

Concen: 9.399 ng

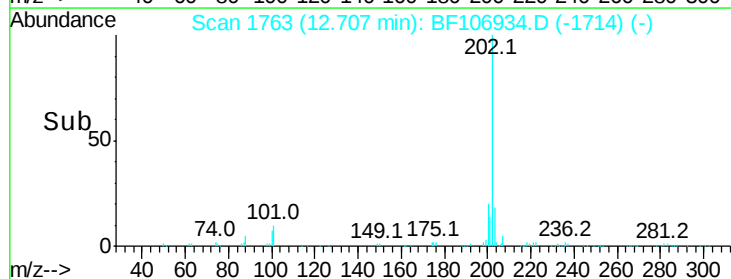
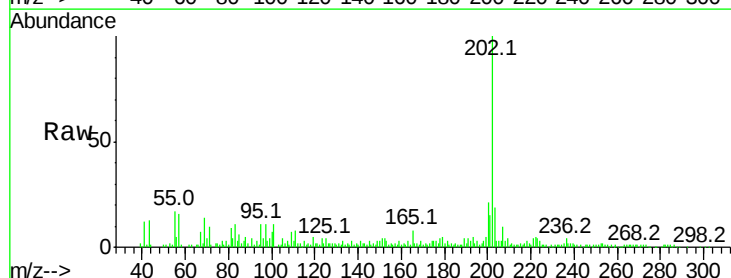
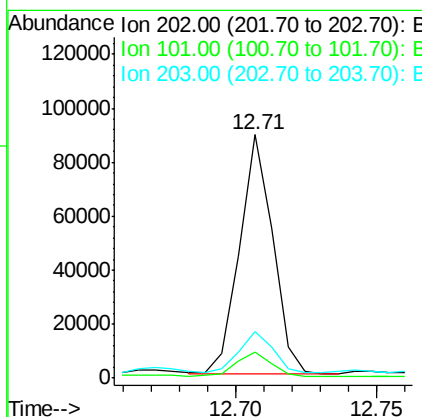
RT: 12.71 min Scan# 1763

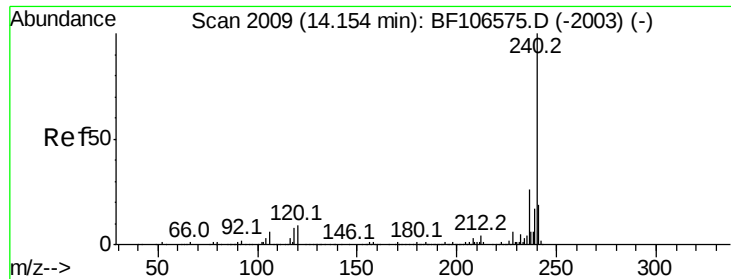
Delta R.T. -0.01 min

Lab File: BF106934.D

Acq: 28 Jun 2018 21:23

Tgt Ion:	202	Resp:	72974
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	34.1
203	19.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106934.D

Acq: 28 Jun 2018 21:23

Instrument :

BNA_F

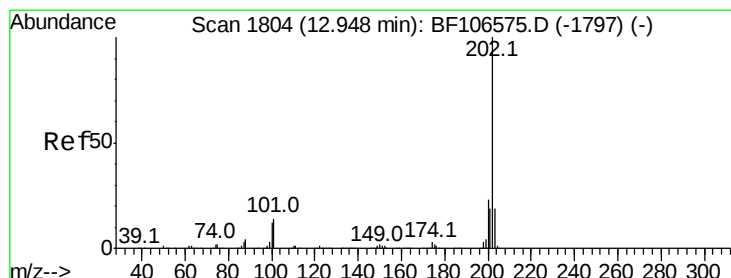
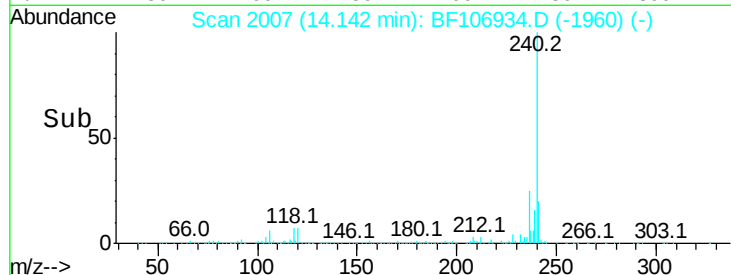
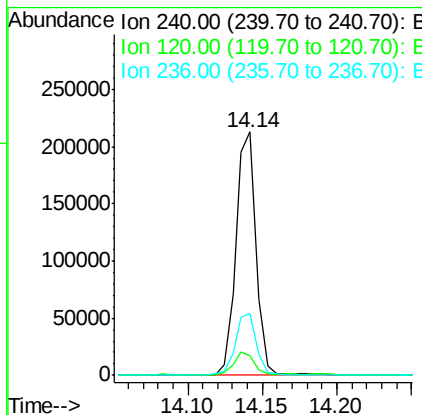
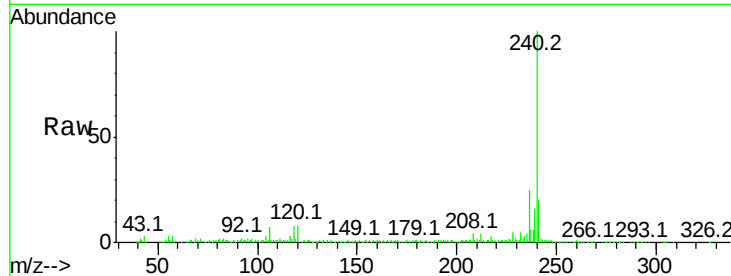
ClientSampleId :

JC-02-062618-E

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	8.0	9.5	14.3	
236	25.2	20.7	31.1	

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#77

Pyrene

Concen: 6.848 ng

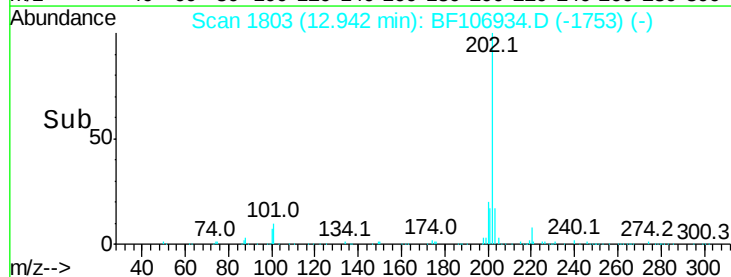
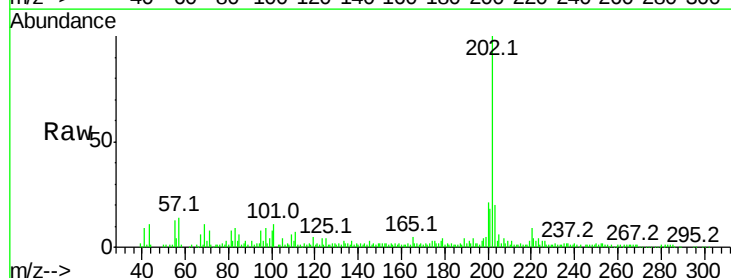
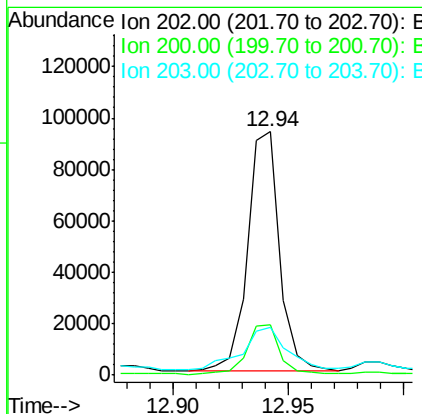
RT: 12.94 min Scan# 1803

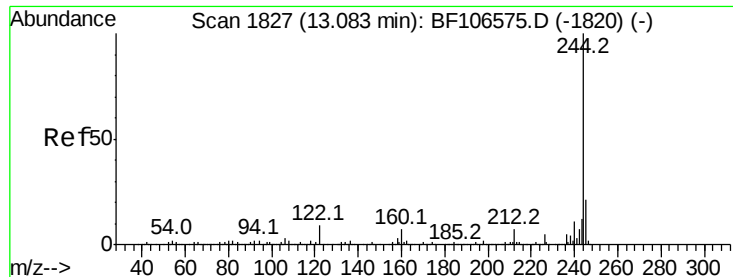
Delta R.T. -0.01 min

Lab File: BF106934.D

Acq: 28 Jun 2018 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.9	17.4	26.2	
203	19.7	14.3	21.5	





#78

Terphenyl-d14

Concen: 36.098 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106934.D

Acq: 28 Jun 2018 21:23

Instrument :

BNA_F

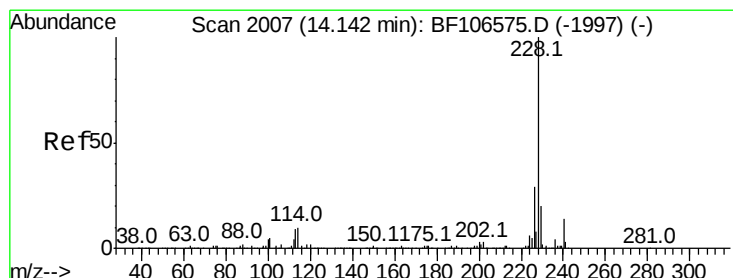
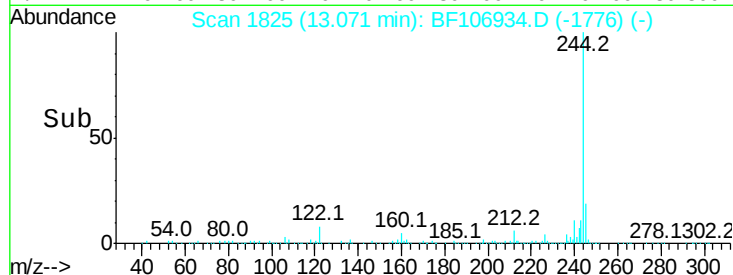
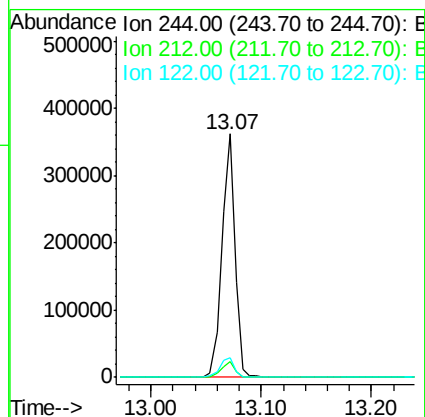
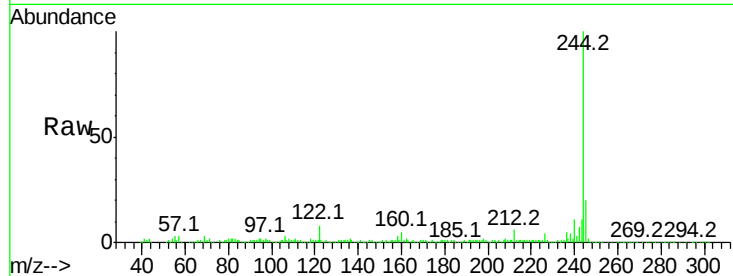
ClientSampleId :

JC-02-062618-E

Tot Ion:	244	Resp:	299015
Ion Ratio		Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.3	11.0	16.4#

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#80

Benzo(a)anthracene

Concen: 4.582 ng

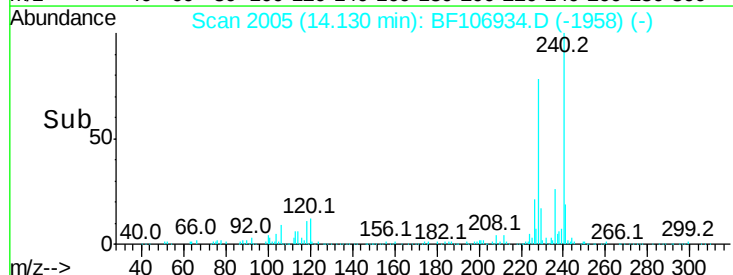
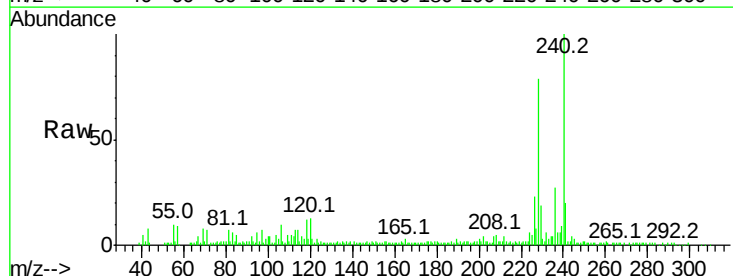
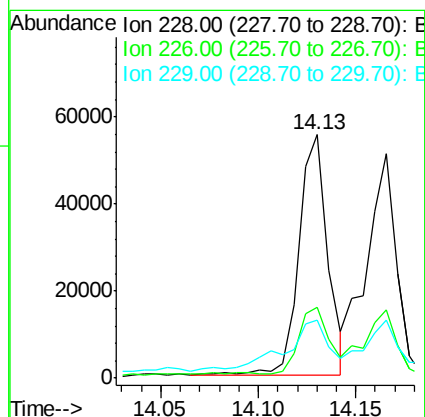
RT: 14.13 min Scan# 2005

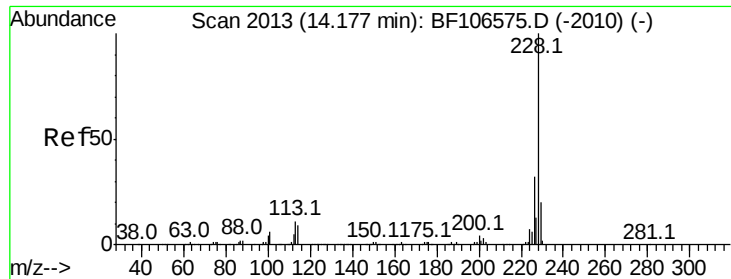
Delta R.T. -0.02 min

Lab File: BF106934.D

Acq: 28 Jun 2018 21:23

Tgt Ion:	228	Resp:	56039
Ion Ratio		Lower	Upper
228	100		
226	29.2	22.6	33.8
229	24.1	15.8	23.6#





#82

Chrysene

Concen: 4.528 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.03 min

Lab File: BF106934.D

Acq: 28 Jun 2018 21:23

Instrument :

BNA_F

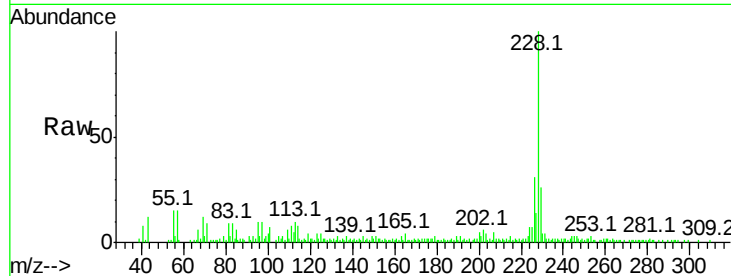
ClientSampleId :

JC-02-062618-E

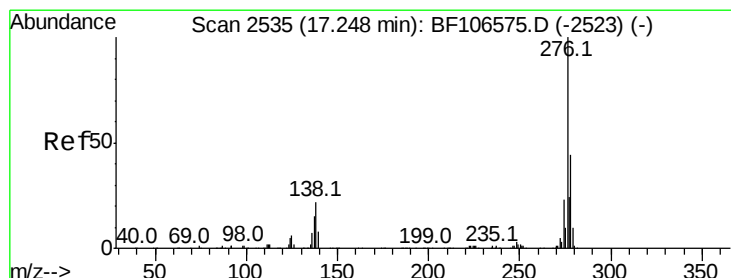
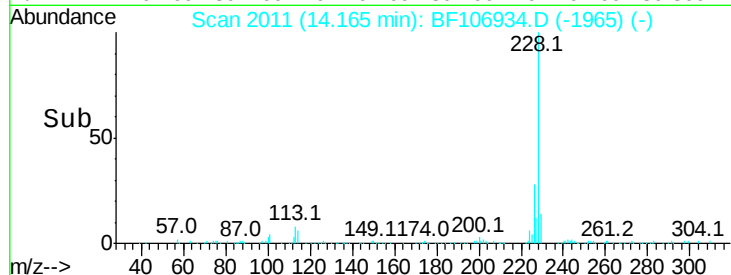
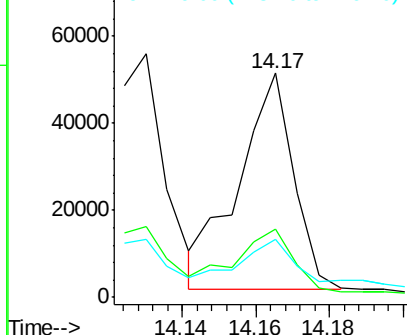
Tot Ion:	228	Resp:	50937
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.0	37.6
229	26.0	16.2	24.4

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.658 ng

RT: 17.24 min Scan# 2534

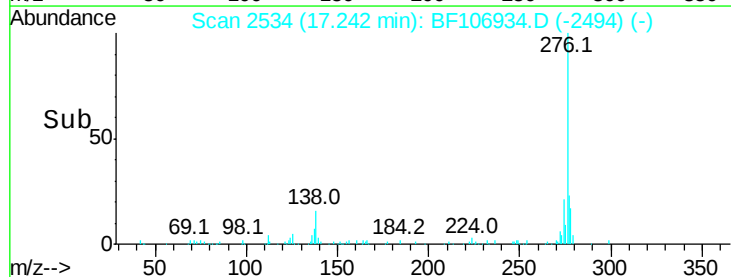
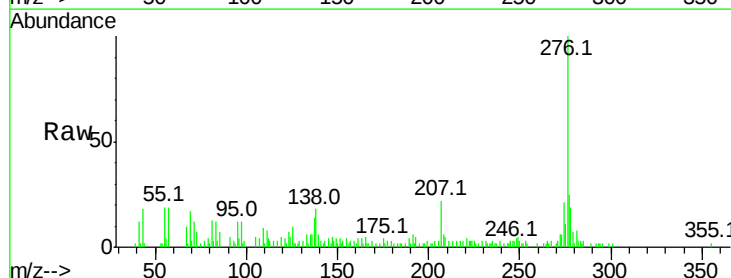
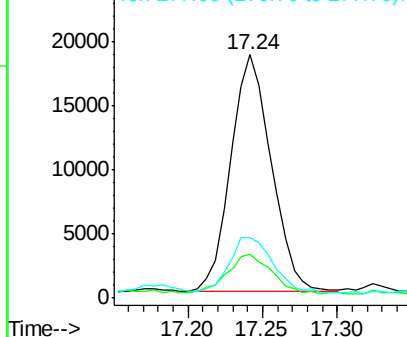
Delta R.T. -0.06 min

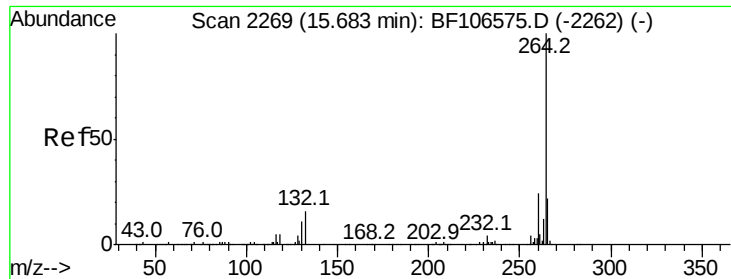
Lab File: BF106934.D

Acq: 28 Jun 2018 21:23

Tgt Ion:	276	Resp:	34922
Ion Ratio	Lower	Upper	
276	100		
138	19.4	25.0	37.6
277	24.0	20.1	30.1

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





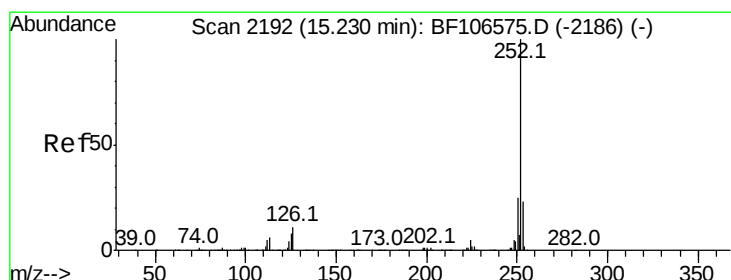
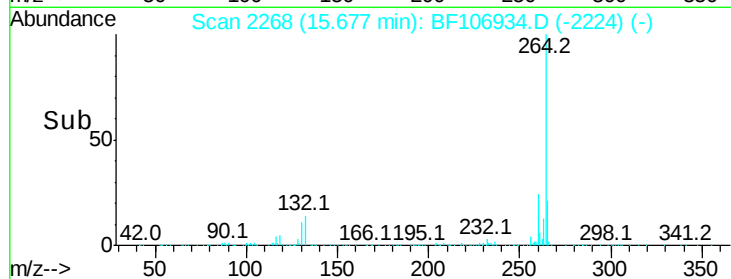
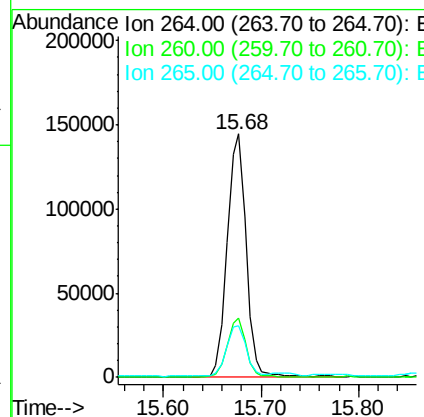
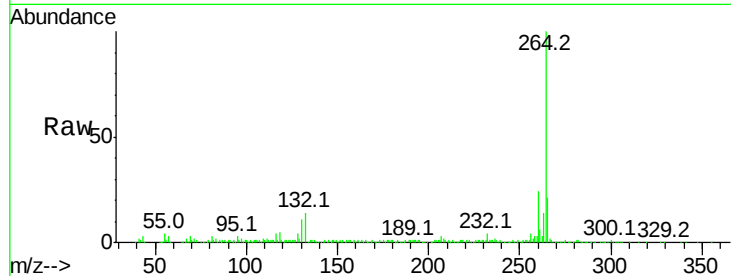
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.4	17.5	26.3

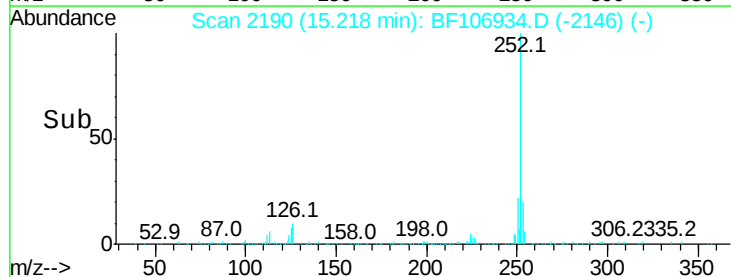
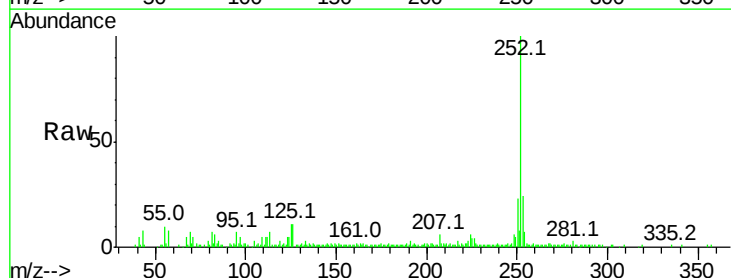
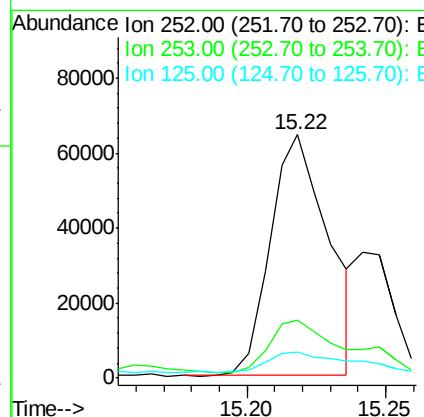
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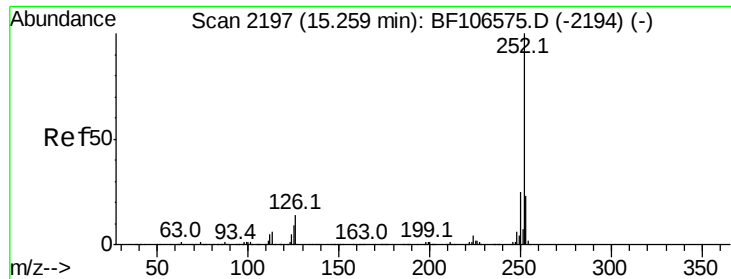
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#87
Benzo(b)fluoranthene
Concen: 7.851 ng m
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	10.5	9.0	13.6





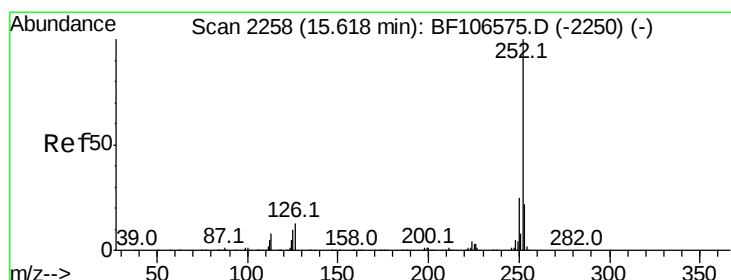
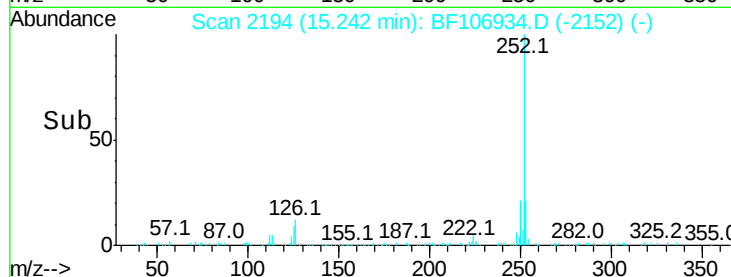
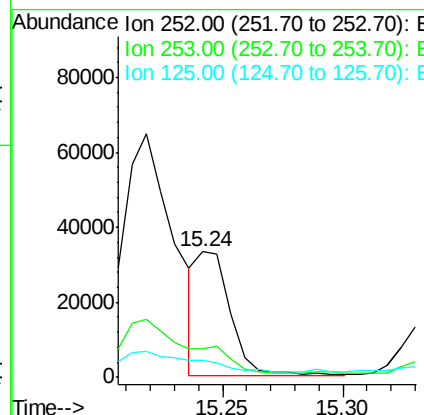
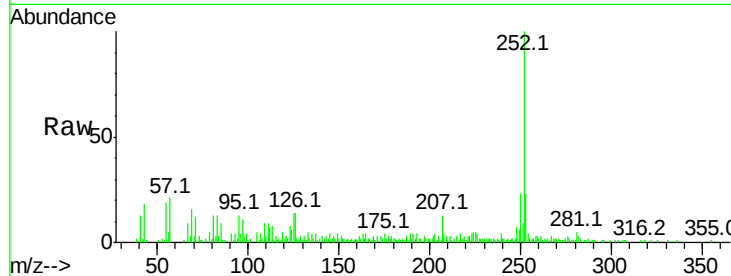
#88
Benzo(k)fluoranthene
Concen: 2.804 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.05 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	13.7	10.2	15.2

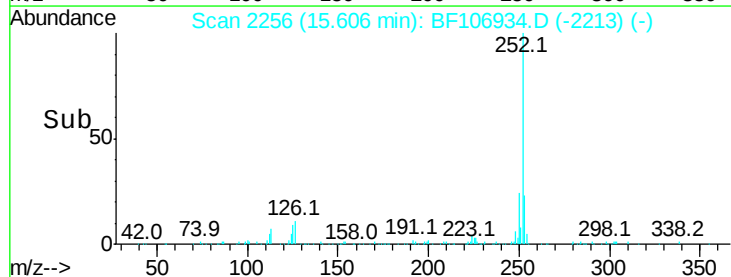
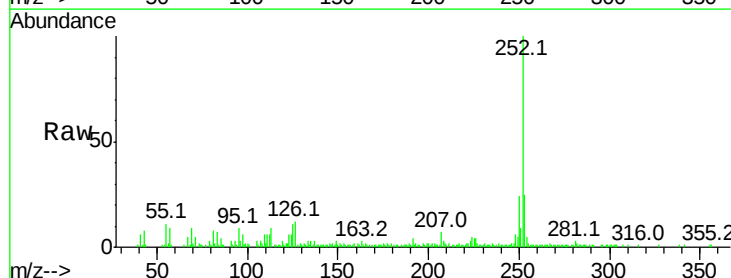
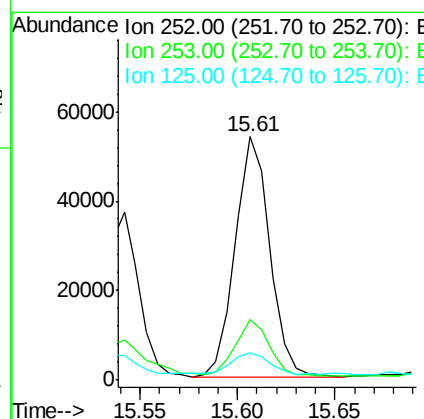
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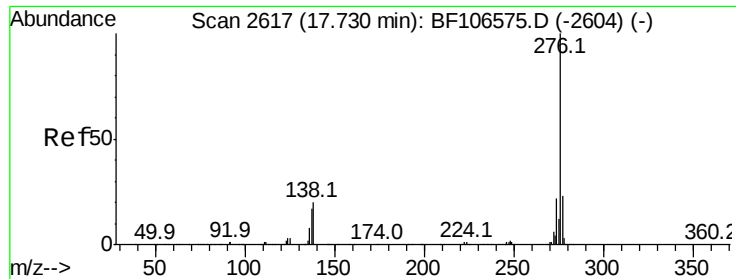
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#89
Benzo(a)pyrene
Concen: 6.274 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.05 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.1	25.7
125	11.3	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 4.032 ng
 RT: 17.72 min Scan# 2616
 Delta R.T. -0.06 min
 Lab File: BF106934.D
 Acq: 28 Jun 2018 21:23

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-E

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.1	17.9	26.9
138	20.4	21.8	32.8

Manual Integrations
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