

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106786.D
 Acq On : 25 Jun 2018 21:55
 Operator : JU/SJ
 Sample : J3241-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-062218-C

Manual Integrations
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Sohil
 6/27/2018 10:55:41 AM

Quant Time: Jun 26 03:45:52 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	6.96	152	45381	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	164287	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	70920	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	123795	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	133256	20.00	ng	-0.02
86) Perylene-d12	15.69	264	102938	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	174131	64.97	ng	0.00
7) Phenol-d6	6.60	99	213421	63.77	ng	-0.02
23) Nitrobenzene-d5	7.52	82	128998	43.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	52012	63.28	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	246785	53.42	ng	-0.01
78) Terphenyl-d14	13.07	244	269068	48.91	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.71	163	40612	7.635	ng	Qvalue # 98
70) Phenanthrene	11.51	178	61957	10.377	ng	97
71) Anthracene	11.57	178	19966	3.276	ng	99
74) Fluoranthene	12.71	202	130928	19.895	ng	97
77) Pyrene	12.94	202	126315	14.375	ng	98
80) Benzo(a)anthracene	14.14	228	75063	9.242	ng	98
82) Chrysene	14.17	228	68382	9.152	ng	97
85) Indeno(1,2,3-cd)pyrene	17.26	276	27129	4.279	ng	# 89
87) Benzo(b)fluoranthene	15.23	252	80213m	12.544	ng	
88) Benzo(k)fluoranthene	15.25	252	24388m	4.005	ng	
89) Benzo(a)pyrene	15.62	252	52480	9.232	ng	93
91) Benzo(a,h,i)perylene	17.74	276	29678	6.303	ng	# 87

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

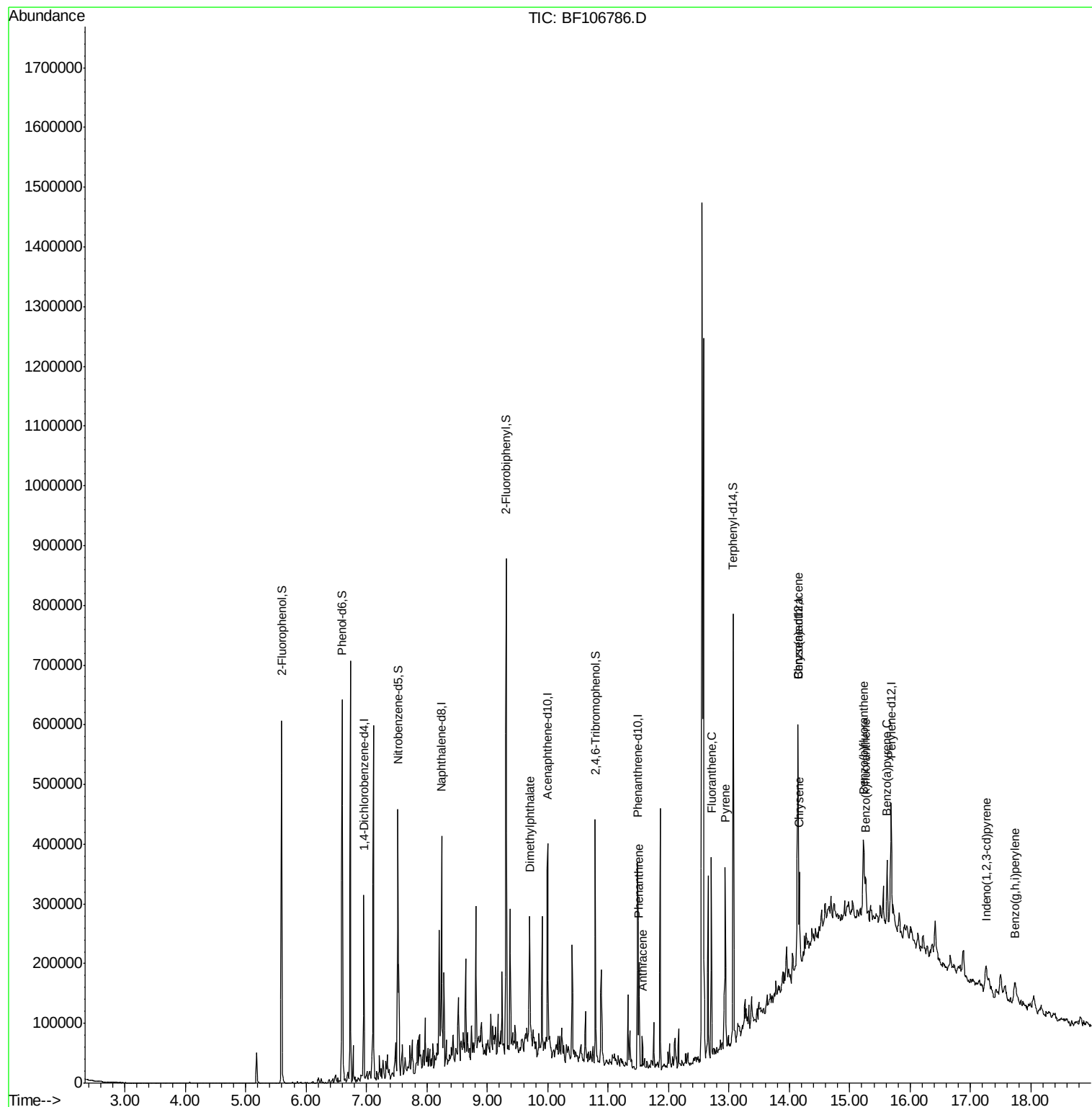
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
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ALS Vial : 16 Sample Multiplier: 1

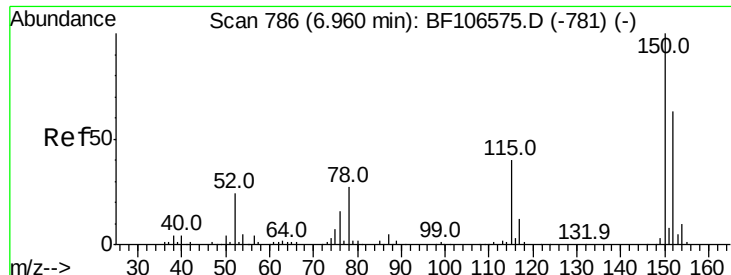
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

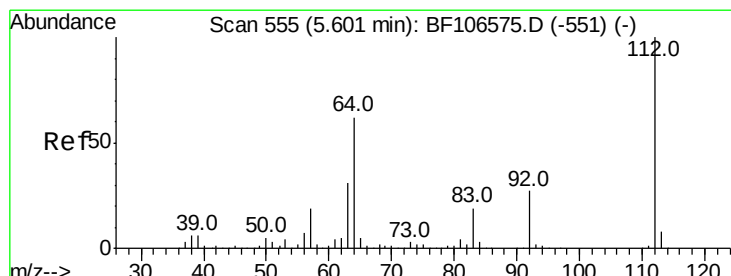
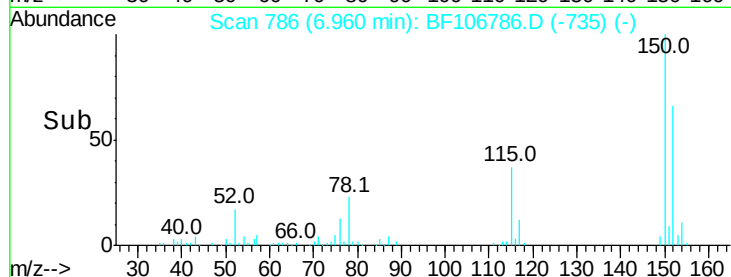
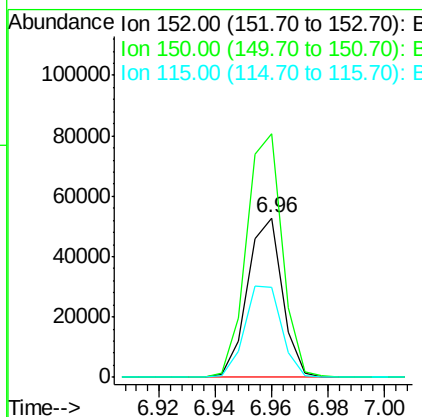
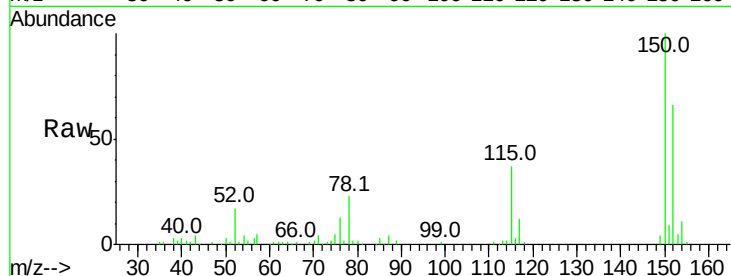
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.6	186.8
115	56.4	50.1	75.1

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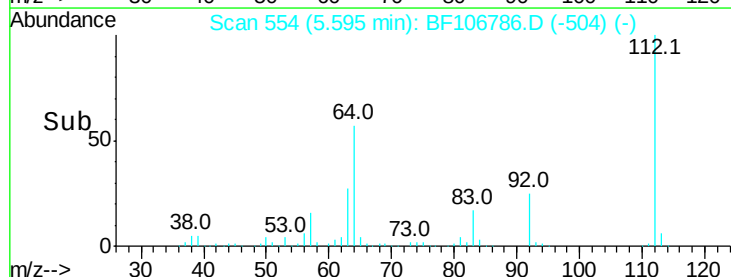
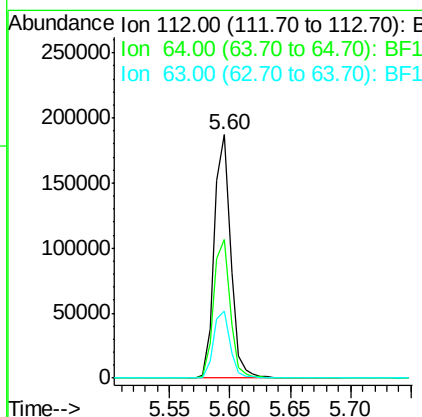
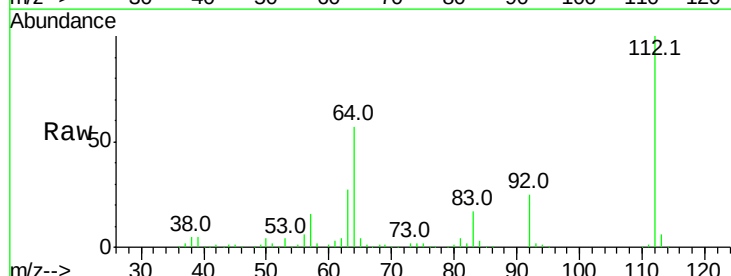
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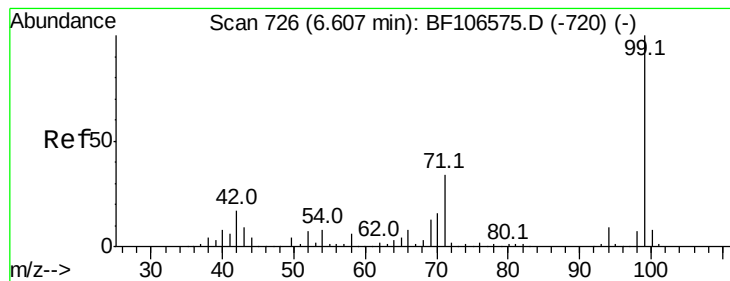


#5

2-Fluorophenol
Concen: 64.974 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.9	71.9
63	27.3	23.7	35.5





#7

Phenol-d6

Concen: 63.769 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106786.D

Acq: 25 Jun 2018 21:55

Instrument :

BNA_F

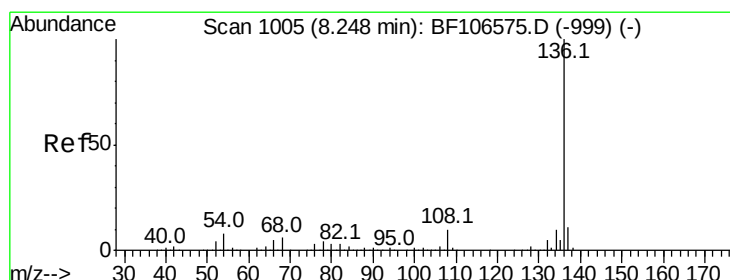
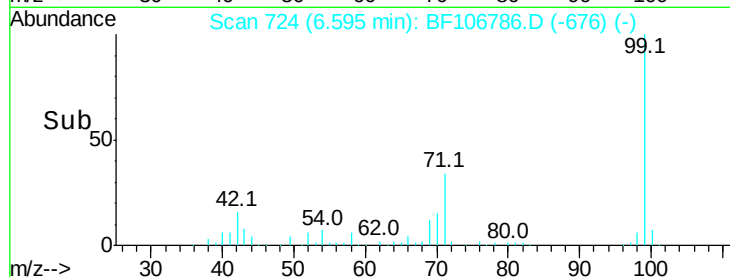
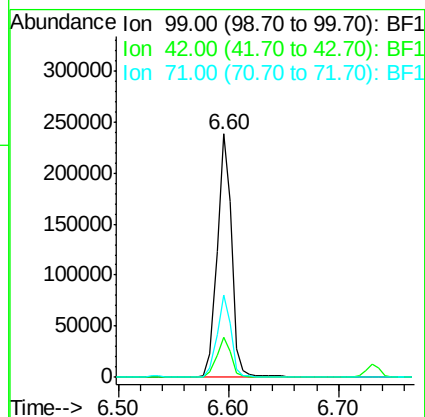
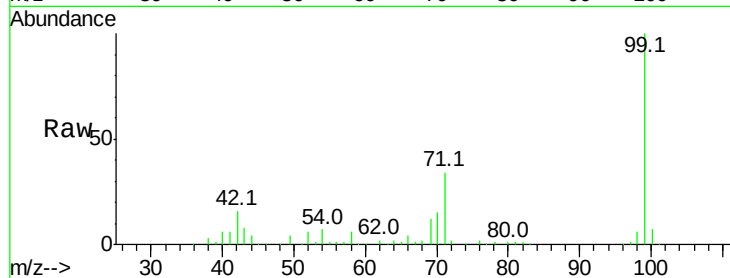
ClientSampleId :

HR-06-062218-C

Tot Ion:	99	Resp:	213421
Ion Ratio	Lower	Upper	
99	100		
42	16.3	14.5	21.7
71	33.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

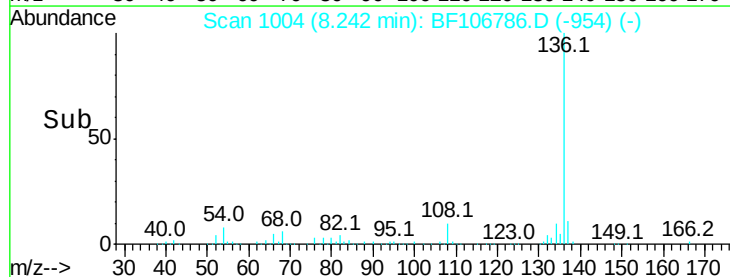
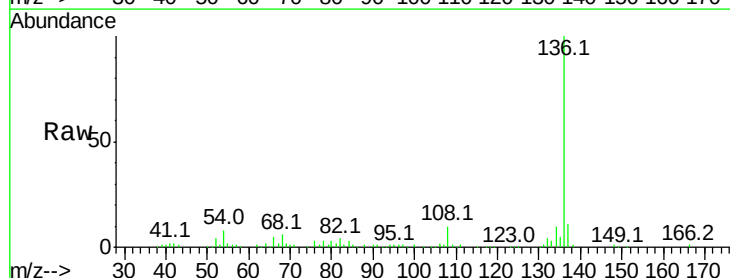
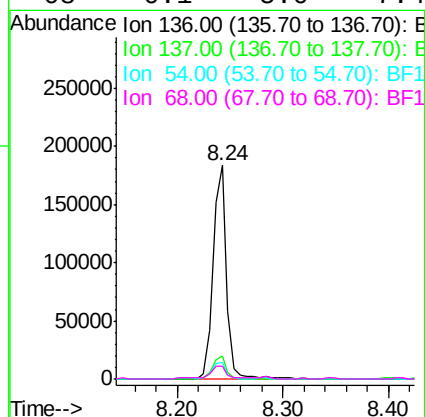
RT: 8.24 min Scan# 1004

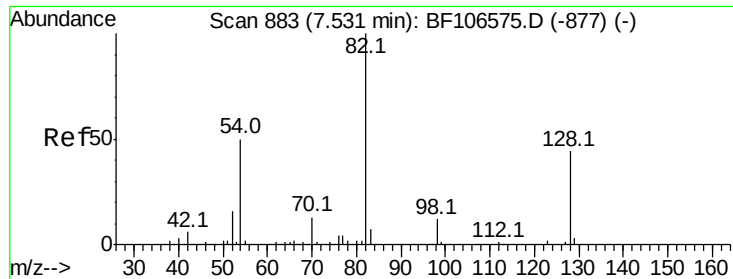
Delta R.T. -0.01 min

Lab File: BF106786.D

Acq: 25 Jun 2018 21:55

Tgt Ion:	136	Resp:	164287
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	7.6	6.6	9.8
68	6.1	5.0	7.4





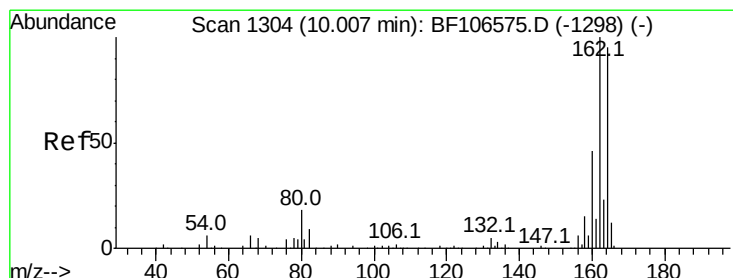
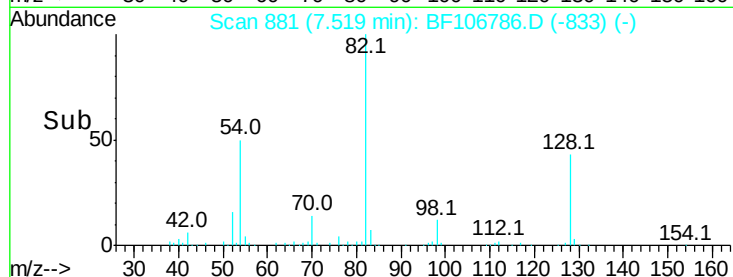
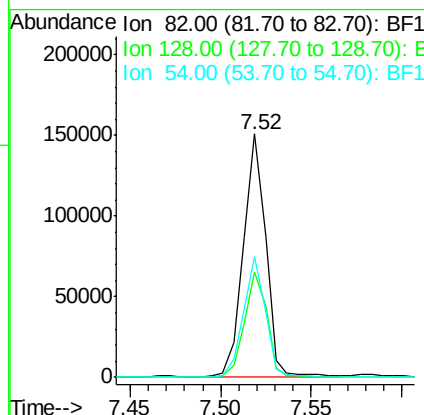
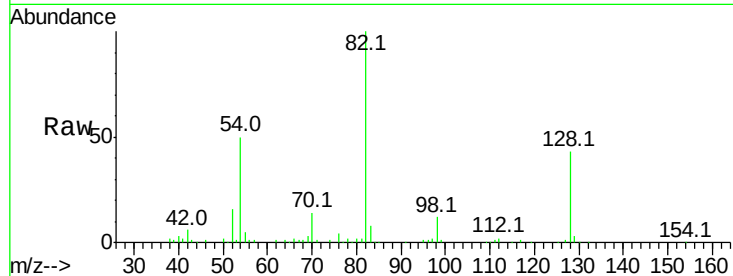
#23
Nitrobenzene-d5
Concen: 43.636 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-C

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.2	36.1	54.1	
54	49.7	41.4	62.2	

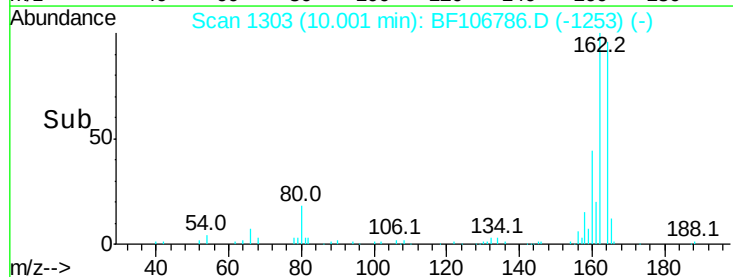
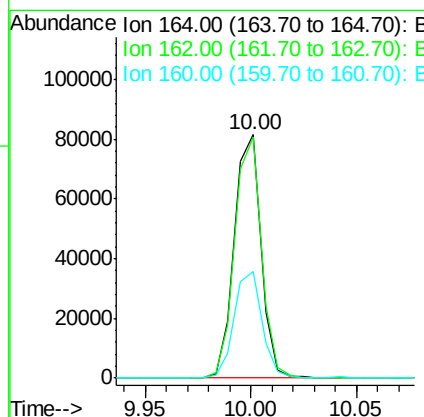
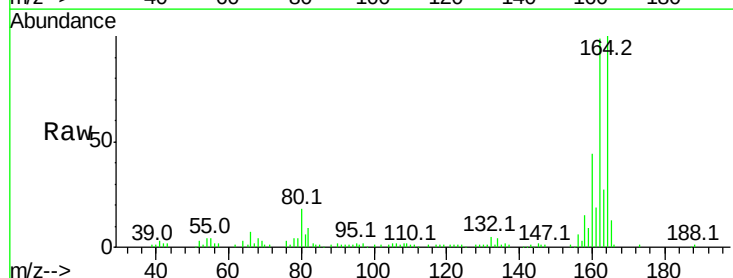
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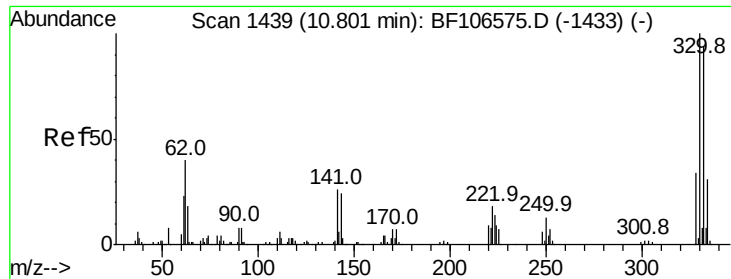
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106786.D
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Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	98.9	86.1	129.1	
160	43.9	38.3	57.5	





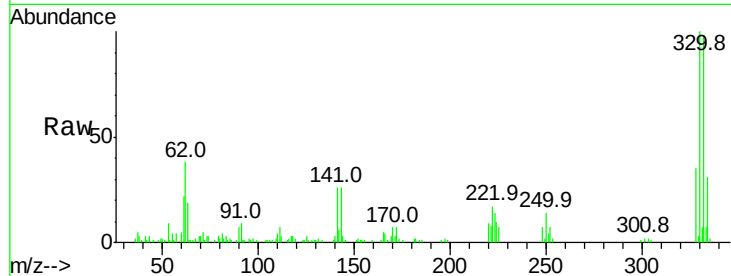
#41
 2,4,6-Tribromophenol
 Concen: 63.276 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106786.D
 Acq: 25 Jun 2018 21:55

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-062218-C

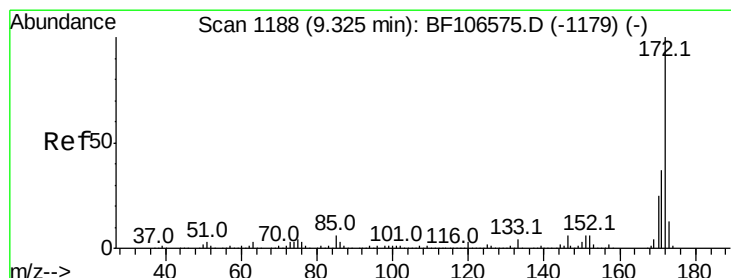
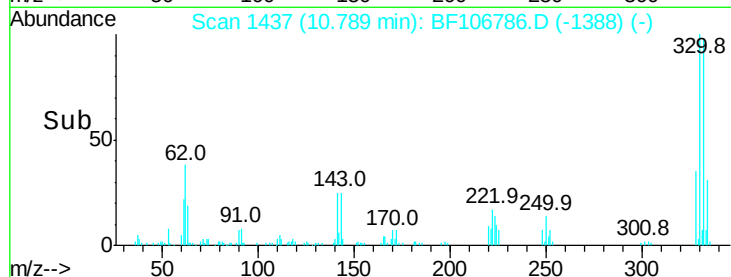
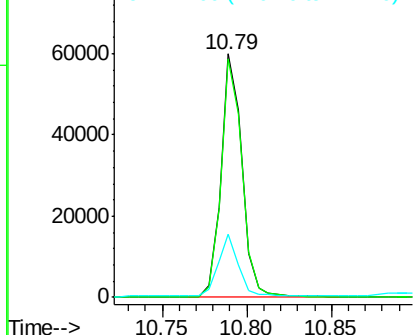
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	26.9	29.9	44.9#

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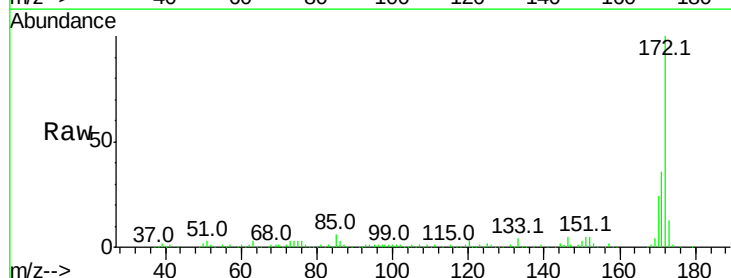


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

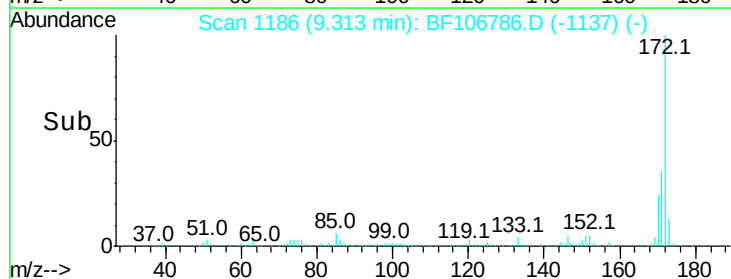
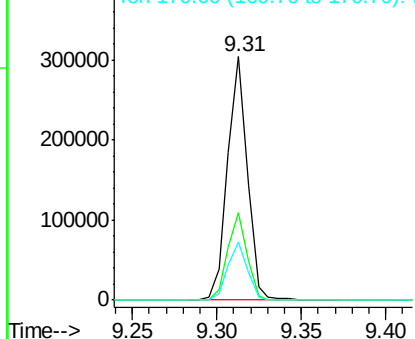


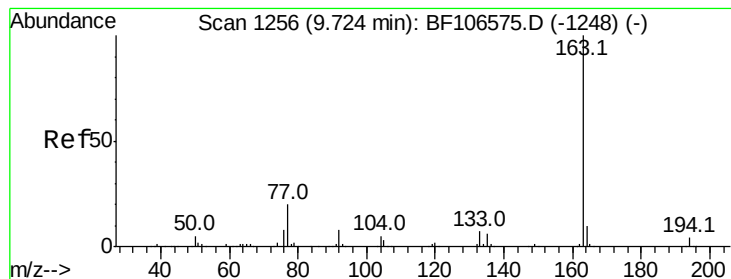
#44
 2-Fluorobiphenyl
 Concen: 53.419 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106786.D
 Acq: 25 Jun 2018 21:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.0	19.6	29.4



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: 7.635 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106786.D

Acq: 25 Jun 2018 21:55

Instrument :

BNA_F

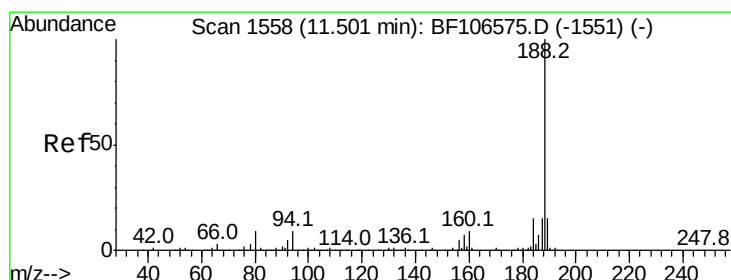
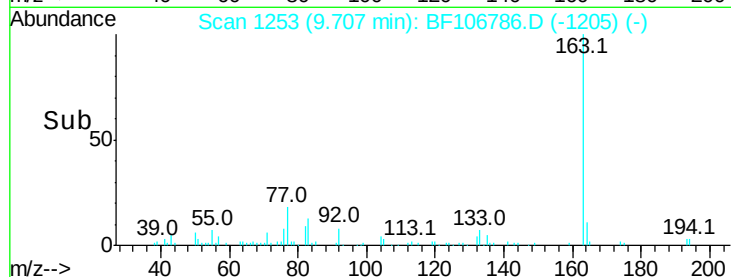
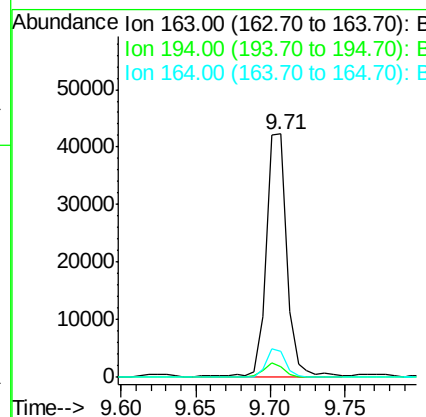
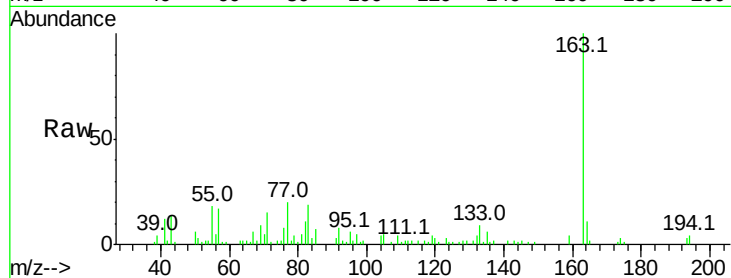
ClientSampleId :

HR-06-062218-C

Tot Ion	Ratio	Resp	Lower	Upper
163	100	40612		
194	4.3		2.7	4.1#
164	10.6		8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

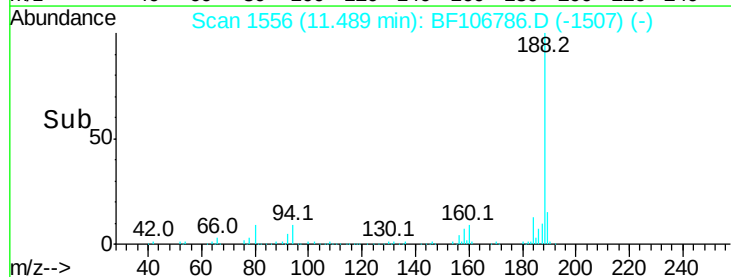
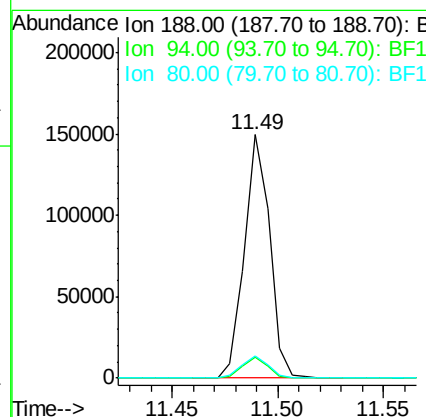
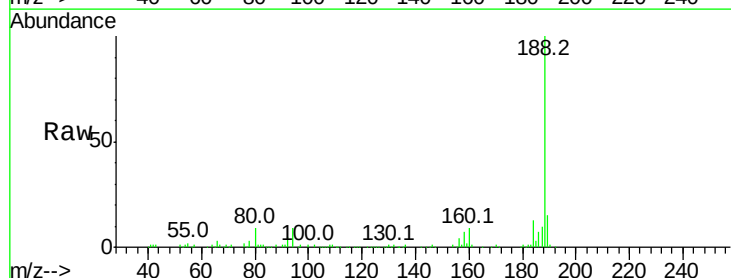
RT: 11.49 min Scan# 1556

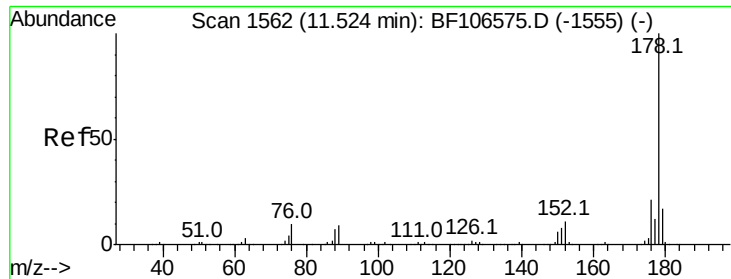
Delta R.T. -0.01 min

Lab File: BF106786.D

Acq: 25 Jun 2018 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	123795		
94	8.6		8.5	12.7
80	9.1		9.2	13.8#





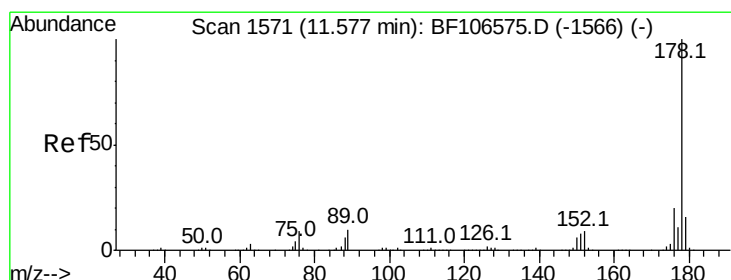
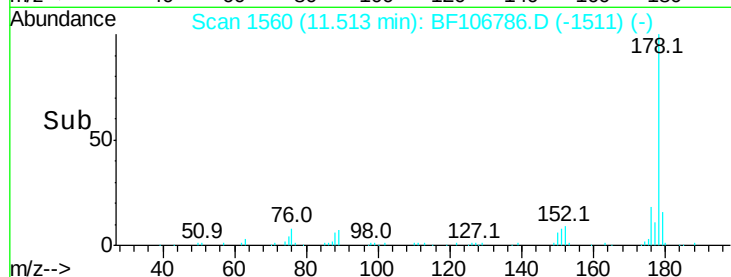
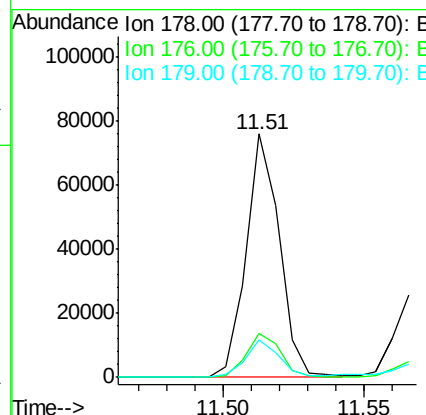
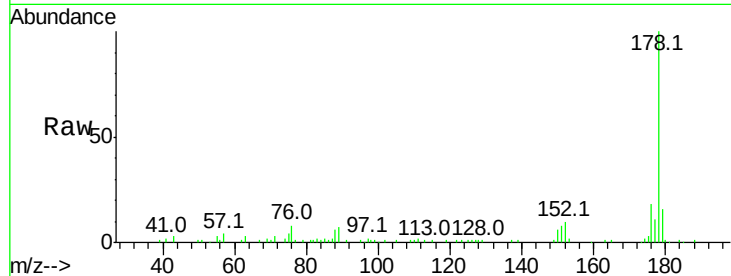
#70
Phenanthrene
Concen: 10.377 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-C

Tot Ion:178 Resp: 61957
Ion Ratio Lower Upper
178 100
176 18.2 15.8 23.8
179 15.6 13.0 19.6

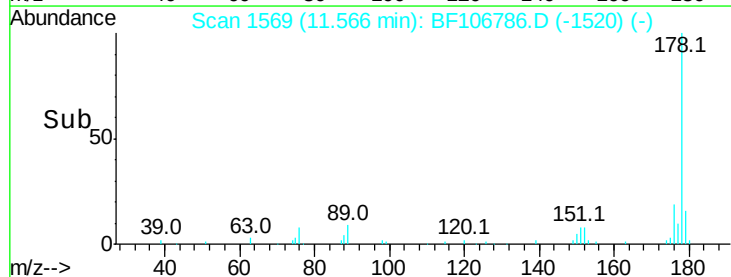
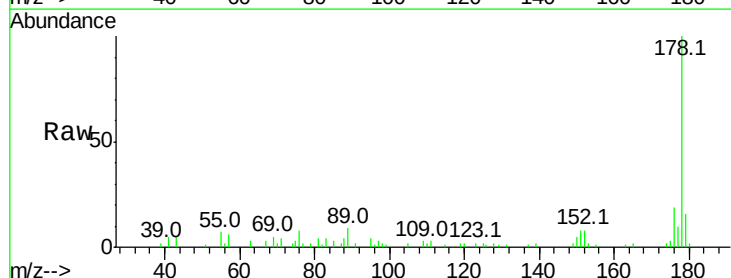
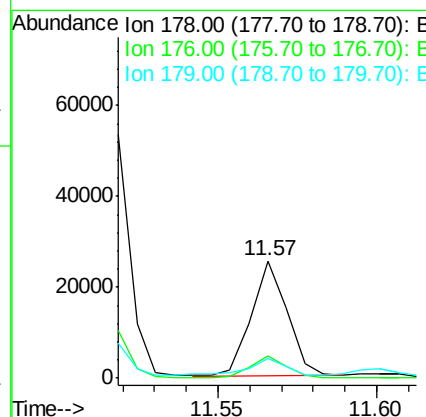
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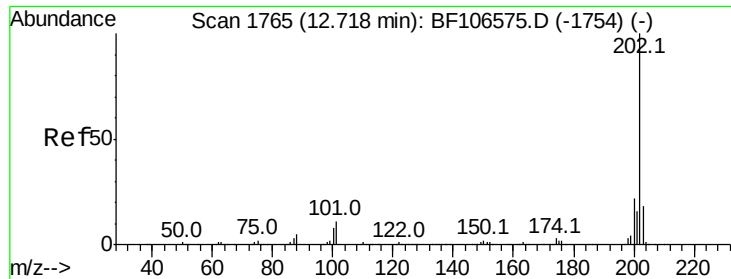
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#71
Anthracene
Concen: 3.276 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Tgt Ion:178 Resp: 19966
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 16.4 12.6 19.0





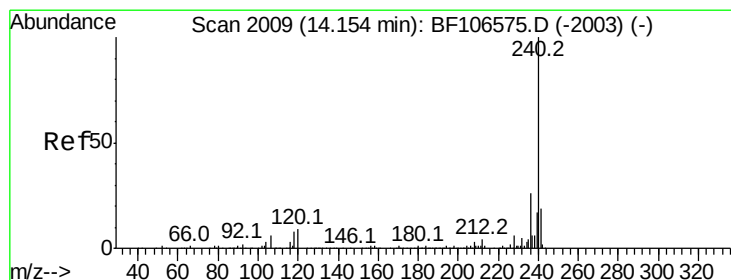
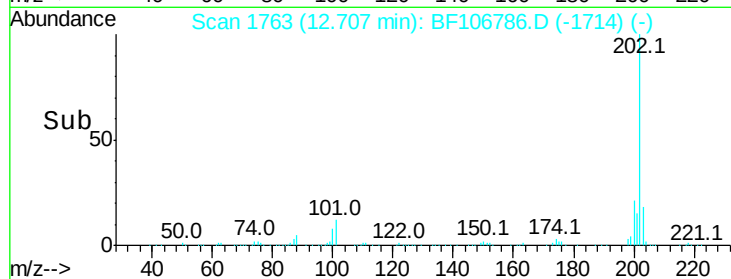
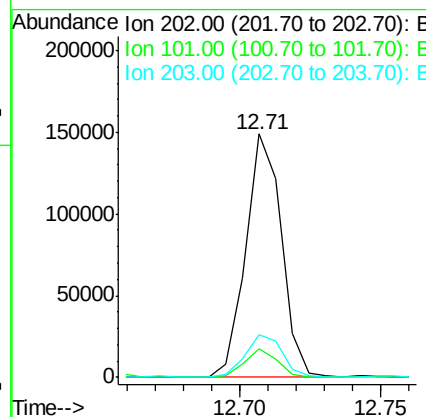
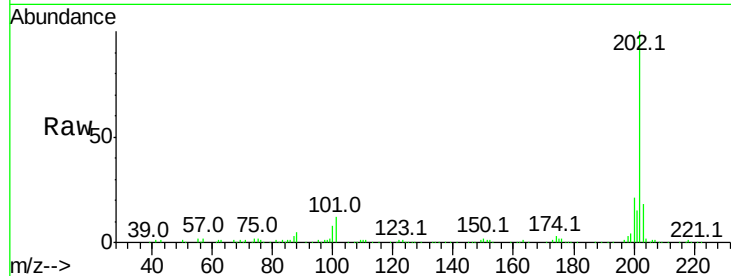
#74
Fluoranthene
Concen: 19.895 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-C

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.7	0.0	34.1
203	17.7	0.0	38.1

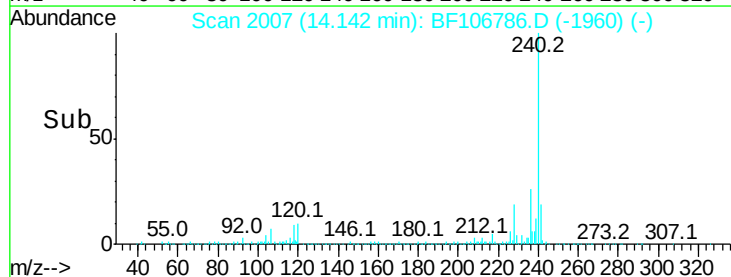
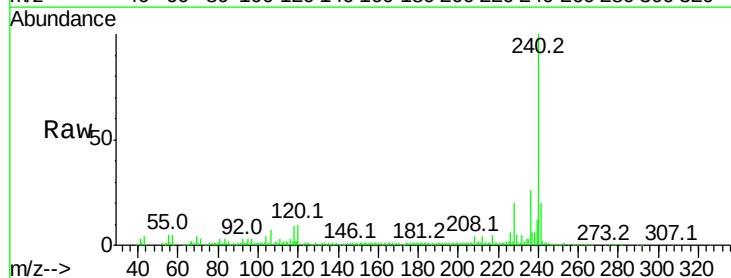
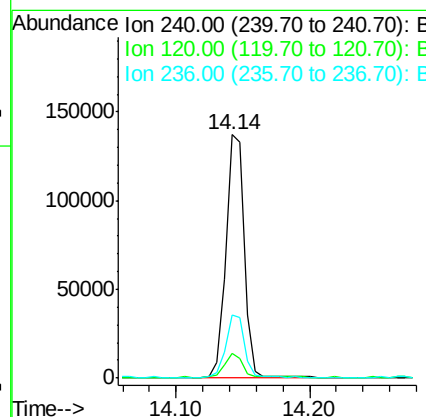
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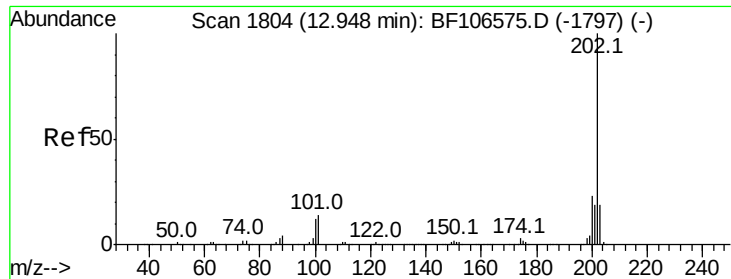
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.0	9.5	14.3
236	25.9	20.7	31.1





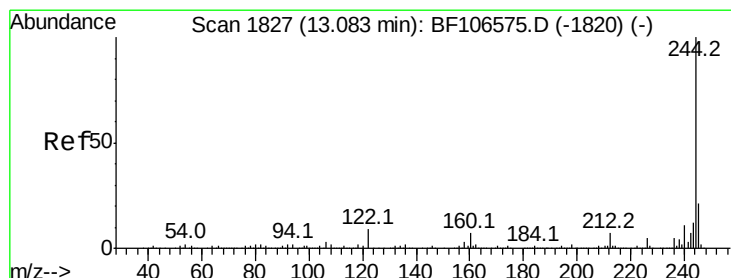
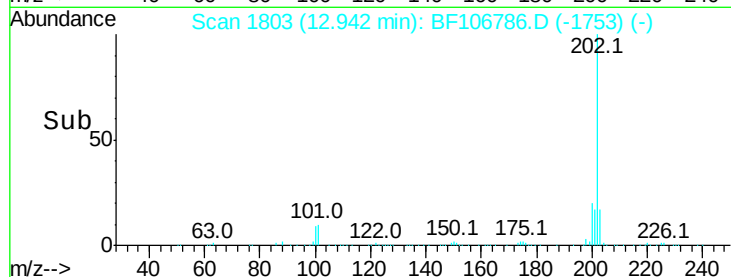
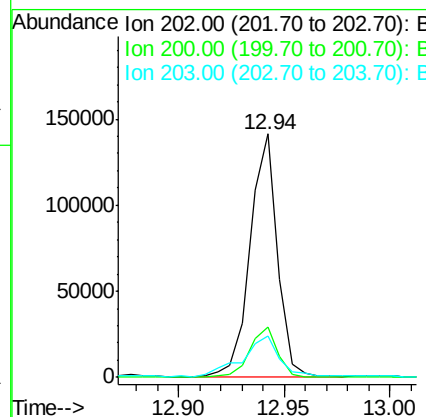
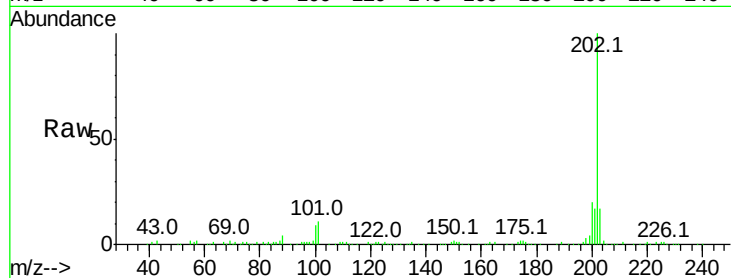
#77
Pvrene
Concen: 14.375 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-C

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.2	14.3	21.5

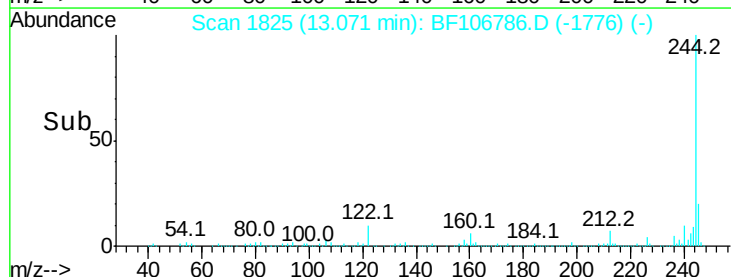
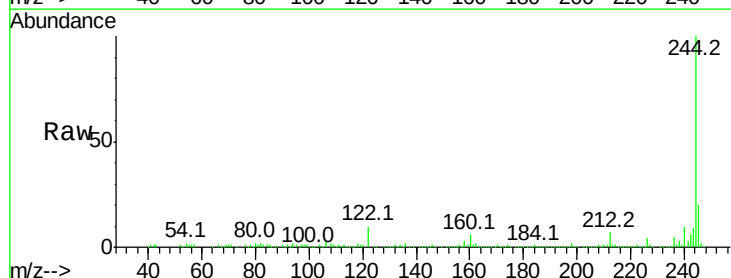
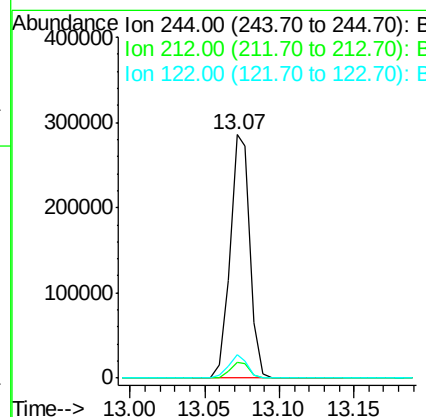
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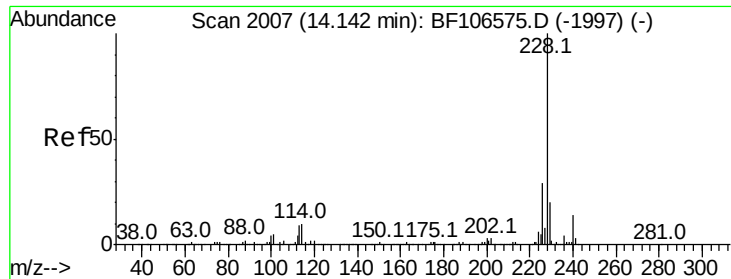
Sohil
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#78
Terphenyl-d14
Concen: 48.911 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.6	11.0	16.4#





#80

Benzo(a)anthracene

Concen: 9.242 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BF106786.D

Acq: 25 Jun 2018 21:55

Instrument :

BNA_F

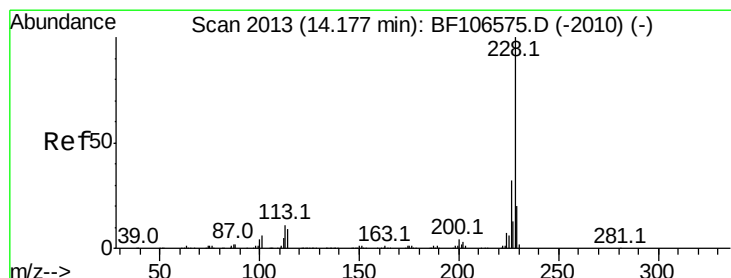
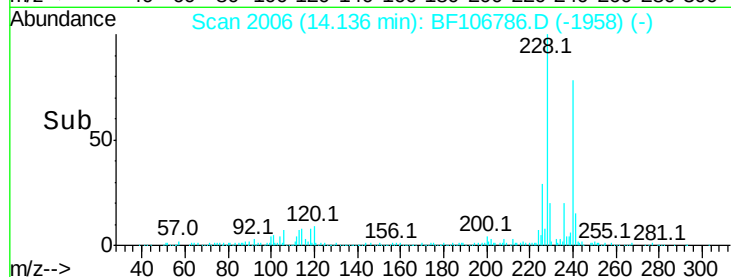
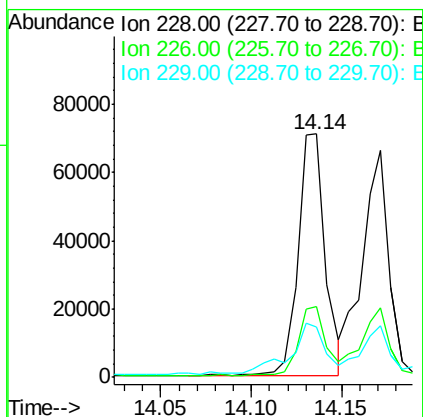
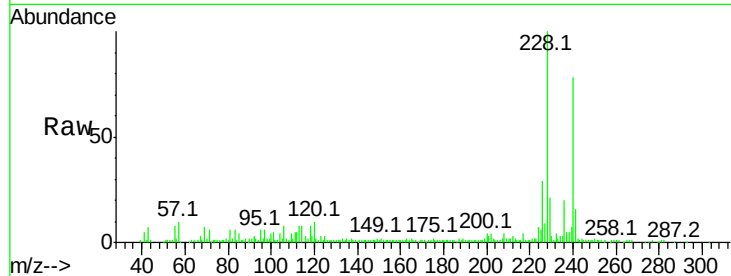
ClientSampleId :

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Tot Ion:	228	Resp:	75063
Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	20.7	15.8	23.6

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#82

Chrysene

Concen: 9.152 ng

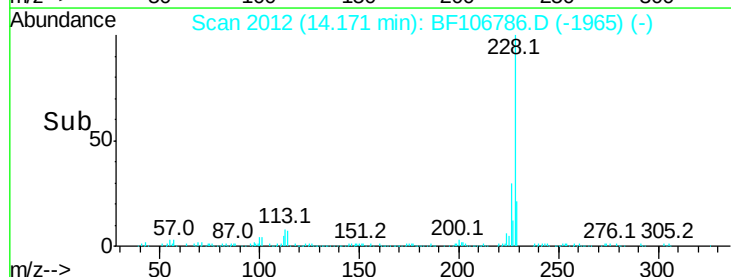
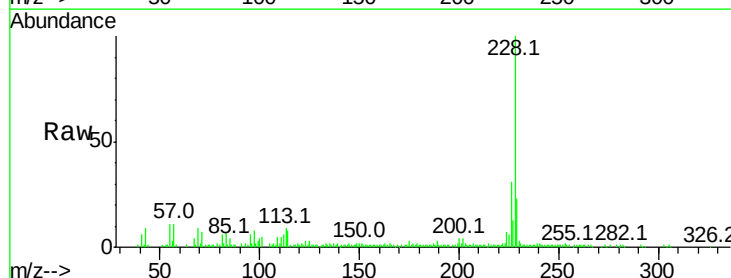
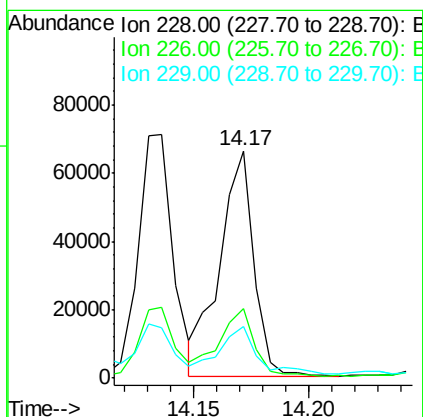
RT: 14.17 min Scan# 2012

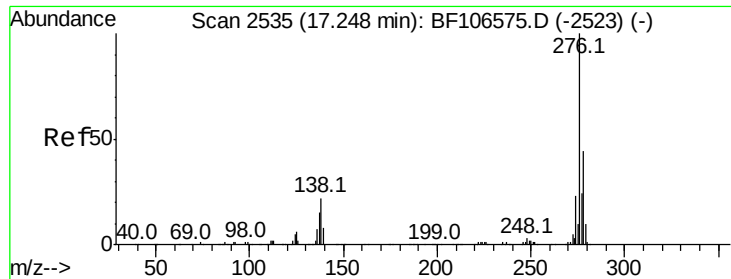
Delta R.T. -0.02 min

Lab File: BF106786.D

Acq: 25 Jun 2018 21:55

Tgt Ion:	228	Resp:	68382
Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	22.9	16.2	24.4





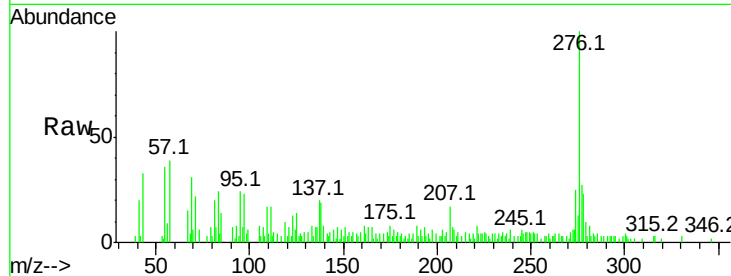
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.279 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.05 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-C

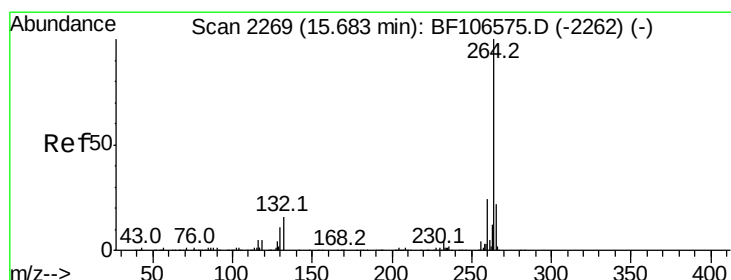
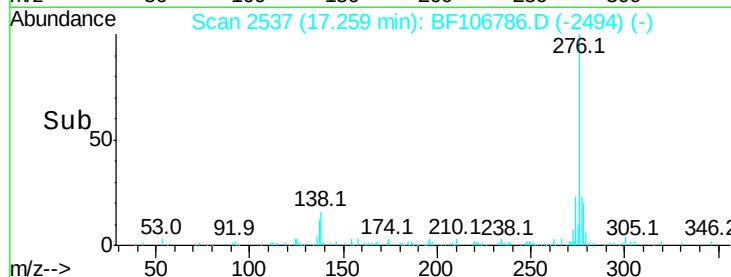
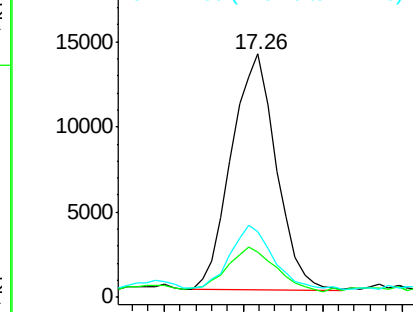
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	25.0	37.6#
277	25.6	20.1	30.1

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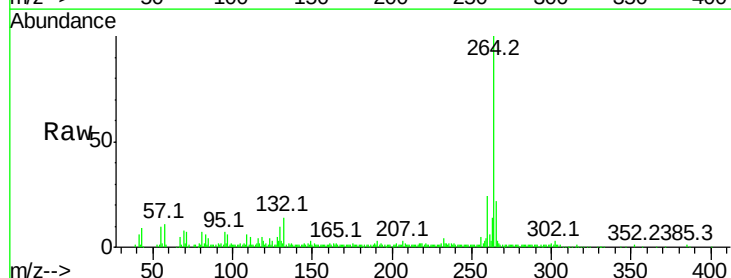


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

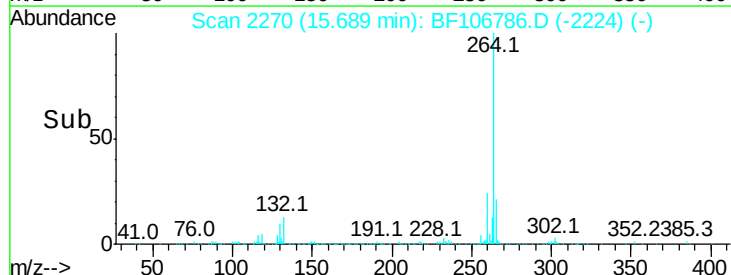
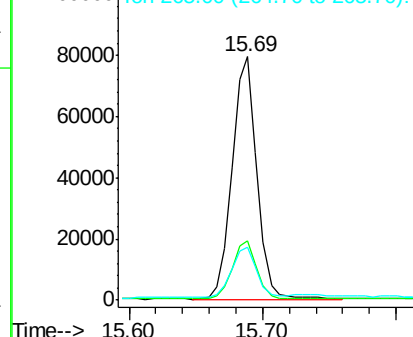


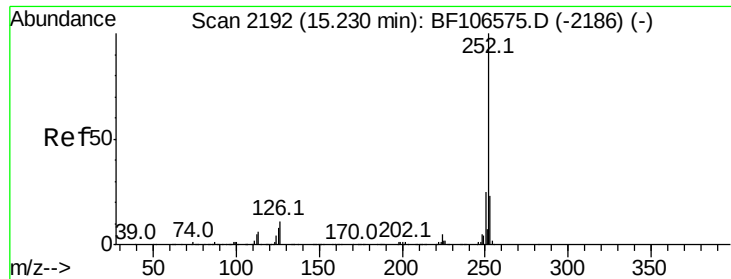
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	17.5	26.3



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





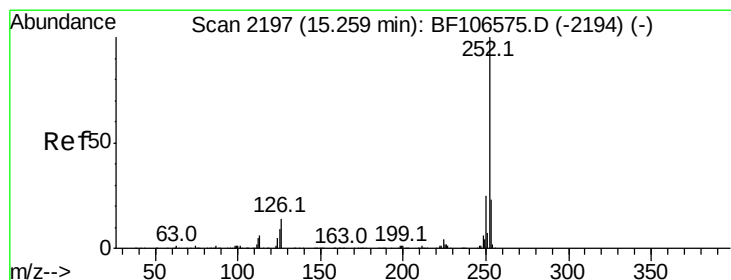
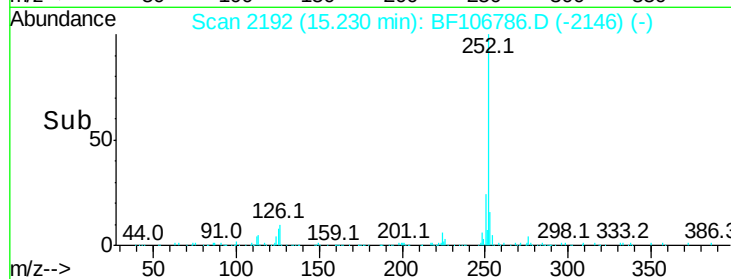
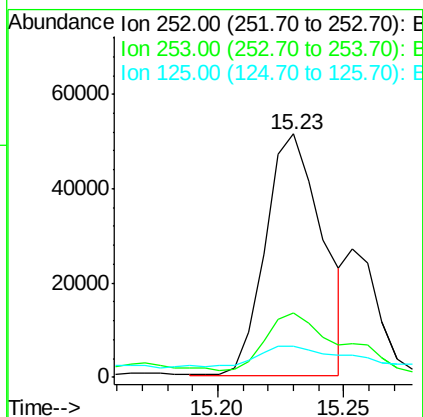
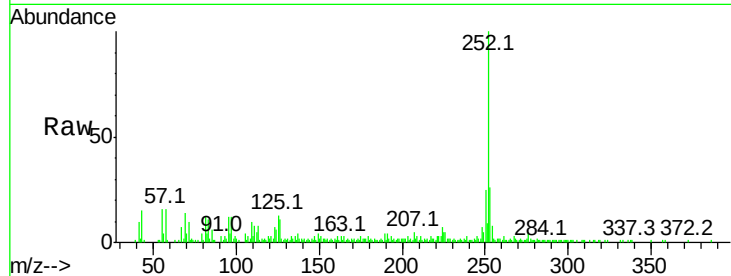
#87
Benzo(b)fluoranthene
Concen: 12.544 ng m
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.0	25.6#
125	12.5	9.0	13.6

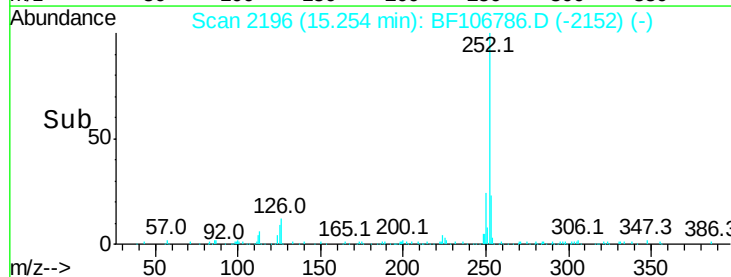
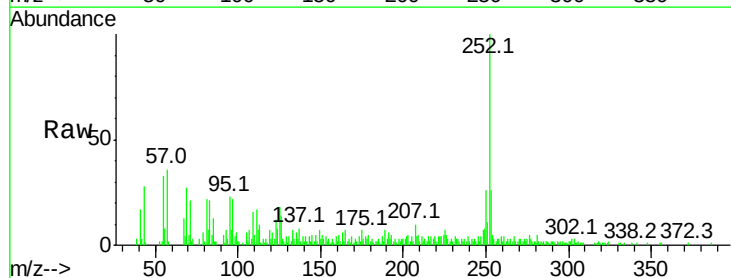
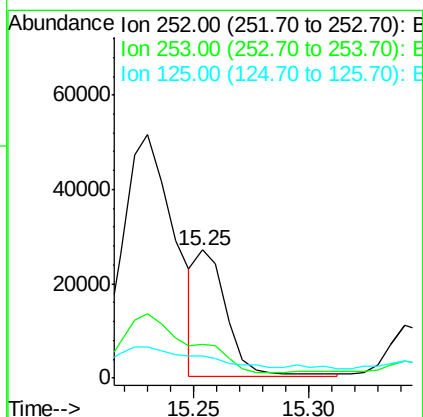
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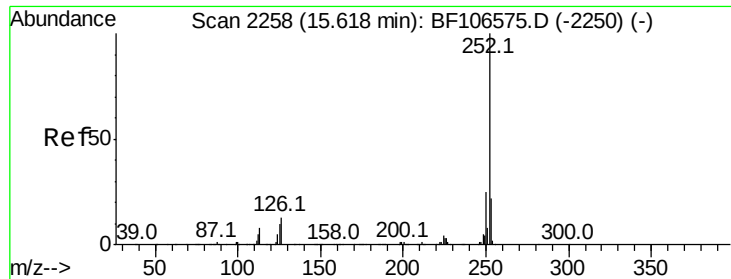
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#88
Benzo(k)fluoranthene
Concen: 4.005 ng m
RT: 15.25 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.9	26.9
125	17.8	10.2	15.2#





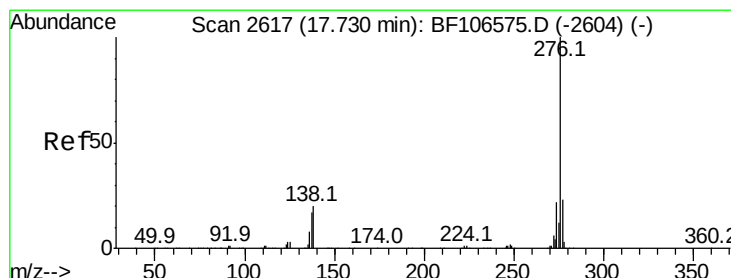
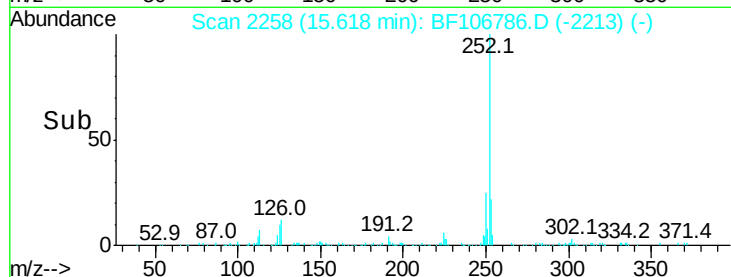
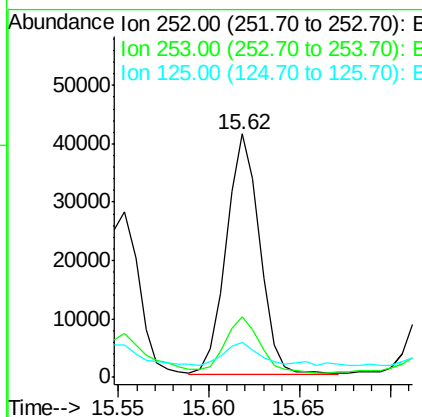
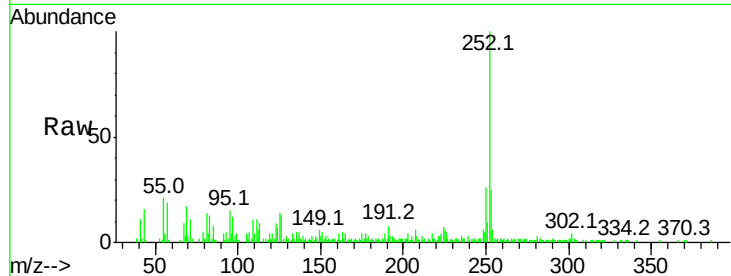
#89
Benzo(a)pyrene
Concen: 9.232 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.04 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.1	25.7
125	14.5	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 6.303 ng
RT: 17.74 min Scan# 2619
Delta R.T. -0.05 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.7	17.9	26.9#
138	19.8	21.8	32.8#

