

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
 Data File : BF106973.D
 Acq On : 29 Jun 2018 15:19
 Operator : JU/SJ
 Sample : J3677-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 93-95-B1(10-15)

Manual Integrations
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 6/30/2018 10:58:02 AM

Quant Time: Jun 29 16:26:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 11:40:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	71408	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	270897	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	128198	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	216919	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	190649	20.00	ng	-0.02
86) Perylene-d12	15.69	264	155982	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	399261	94.68	ng	0.00
7) Phenol-d6	6.60	99	502911	95.50	ng	-0.02
23) Nitrobenzene-d5	7.52	82	308669	63.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	150240	101.11	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	592242	76.77	ng	-0.02
78) Terphenyl-d14	13.07	244	560777	71.25	ng	-0.01
Target Compounds						
20) 3+4-Methylphenols	7.38	107	110	Below Cal		Qvalue # 60
49) Dimethylphthalate	9.70	163	83280	8.661	ng	99
70) Phenanthrene	11.51	178	82770	7.911	ng	96
74) Fluoranthene	12.71	202	121651	10.549	ng	93
77) Pyrene	12.94	202	99685	7.929	ng	97
80) Benzo(a)anthracene	14.13	228	45955	3.955	ng	96
82) Chrysene	14.17	228	48694	4.555	ng	96
85) Indeno(1,2,3-cd)pyrene	17.26	276	21516	2.372	ng	# 86
87) Benzo(b)fluoranthene	15.23	252	56438m	5.825	ng	
88) Benzo(k)fluoranthene	15.25	252	19449m	2.108	ng	
89) Benzo(a)pyrene	15.62	252	37497	4.353	ng	95
91) Benzo(a,h,i)perylene	17.74	276	20390	2.858	ng	# 90

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

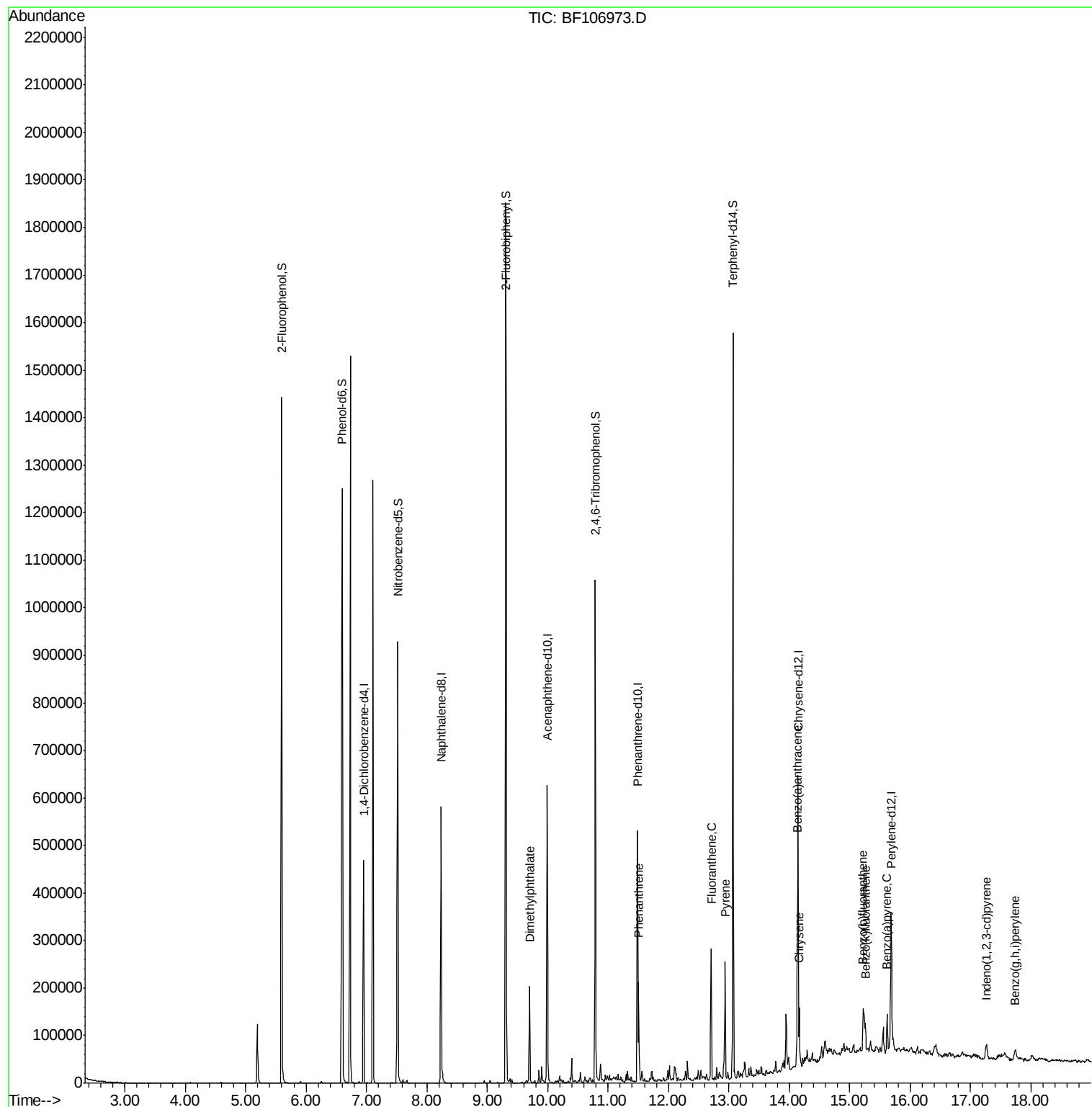
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
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ALS Vial : 13 Sample Multiplier: 1

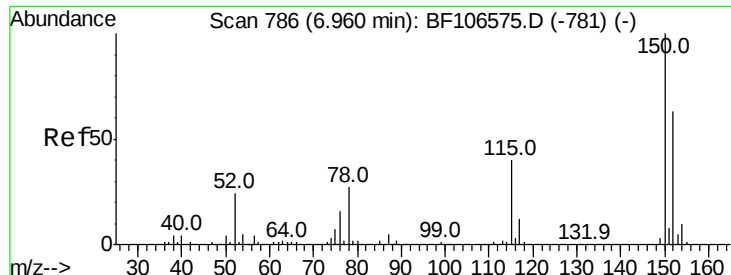
Instrument :
BNA_F
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93-95-B1(10-15)

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Quant Time: Jun 29 16:26:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

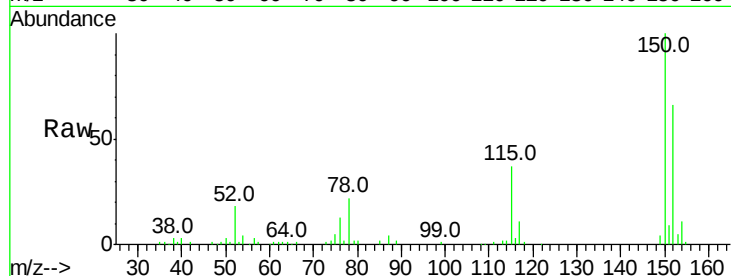
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106973.D
Acq: 29 Jun 2018 15:19

Instrument :
BNA_F
ClientSampleId :
93-95-B1(10-15)

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.6	186.8
115	56.9	50.1	75.1

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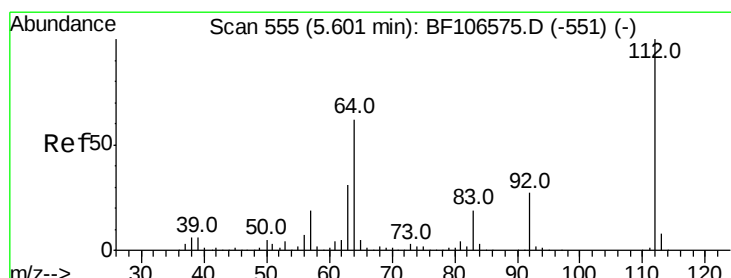
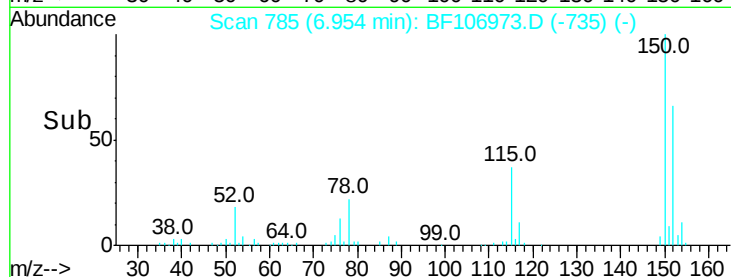
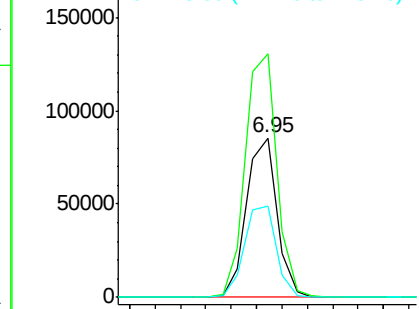


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

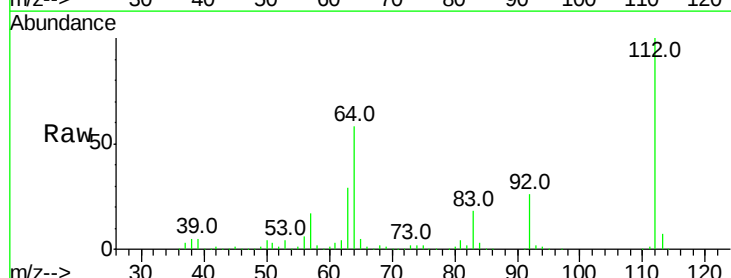
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.678 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106973.D
Acq: 29 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	28.8	23.7	35.5

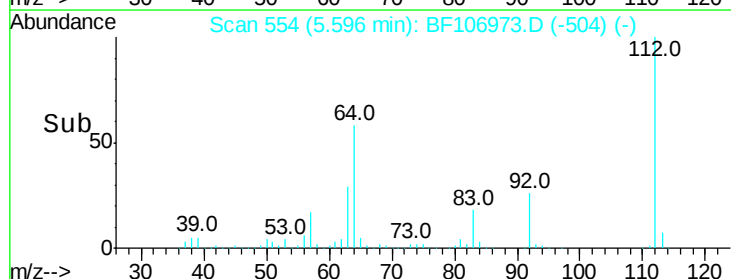
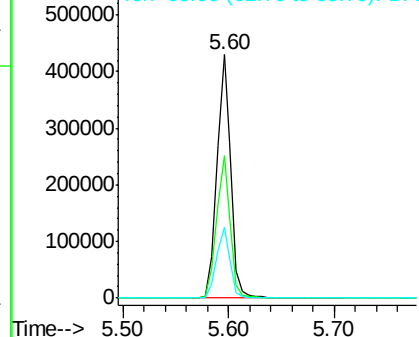


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 95.497 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106973.D

Acq: 29 Jun 2018 15:19

Instrument :

BNA_F

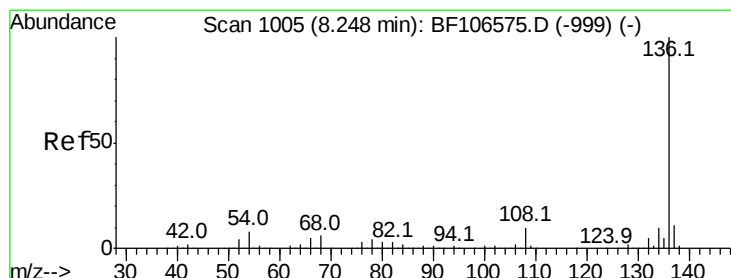
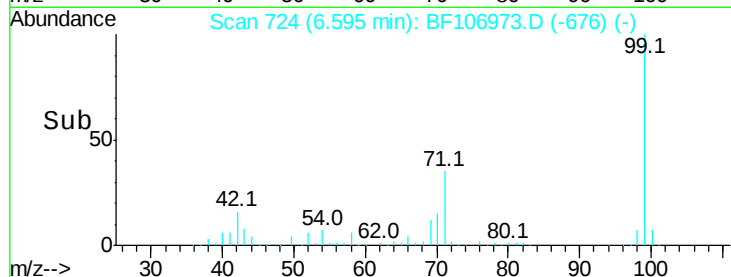
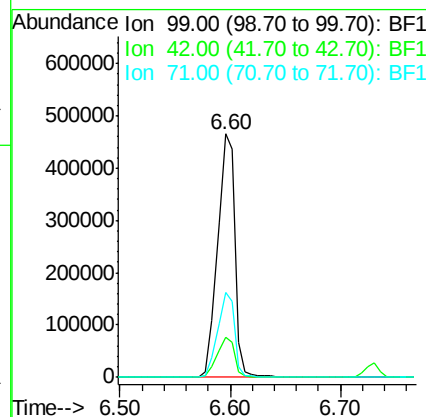
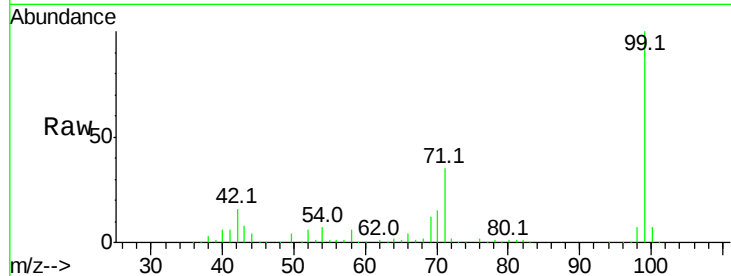
ClientSampleId :

93-95-B1(10-15)

Tot Ion:	99	Resp:	502911
Ion Ratio	Lower	Upper	
99	100		
42	16.3	14.5	21.7
71	34.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

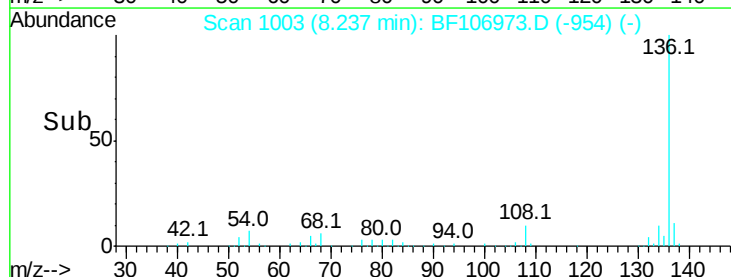
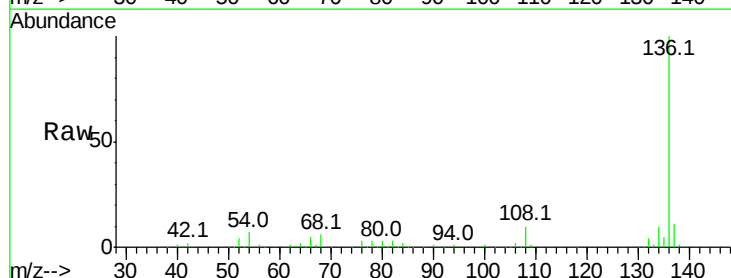
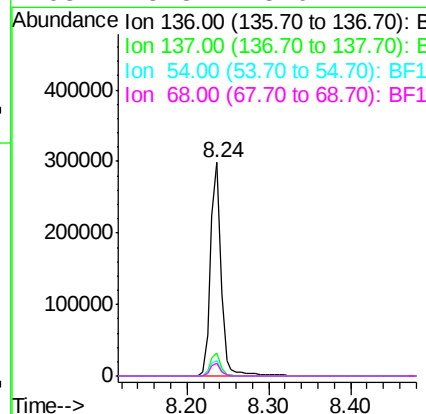
RT: 8.24 min Scan# 1003

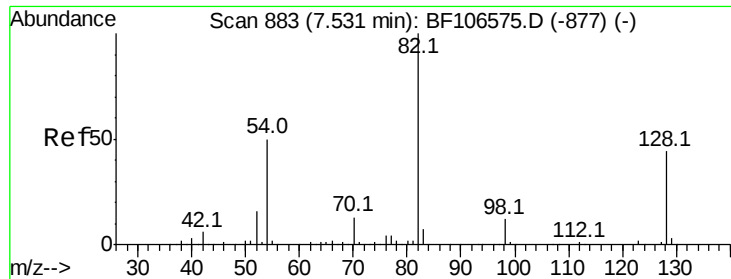
Delta R.T. -0.01 min

Lab File: BF106973.D

Acq: 29 Jun 2018 15:19

Tgt Ion:	136	Resp:	270897
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	7.4	6.6	9.8
68	5.8	5.0	7.4





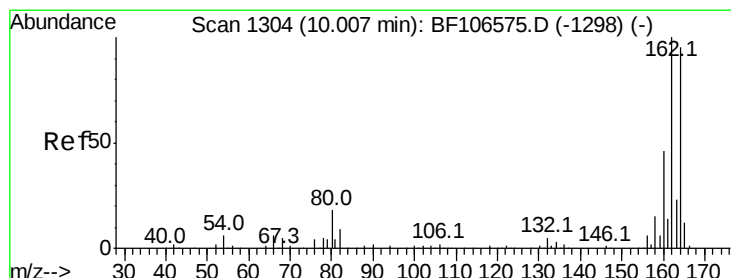
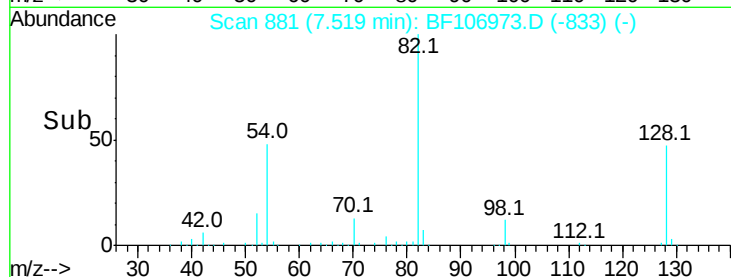
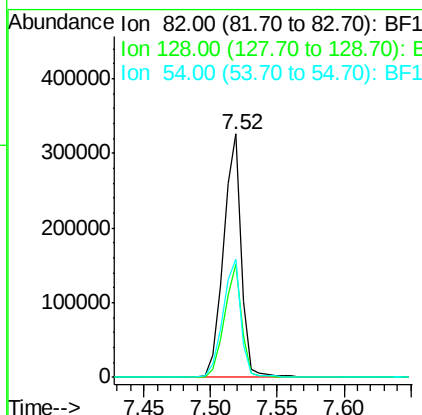
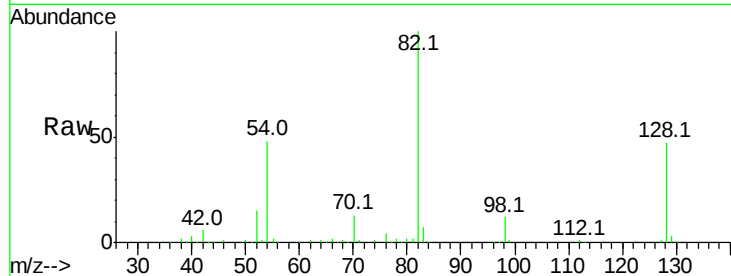
#23
 Nitrobenzene-d5
 Concen: 63.322 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106973.D
 Acq: 29 Jun 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :
 93-95-B1(10-15)

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.6	36.1	54.1	
54	48.3	41.4	62.2	

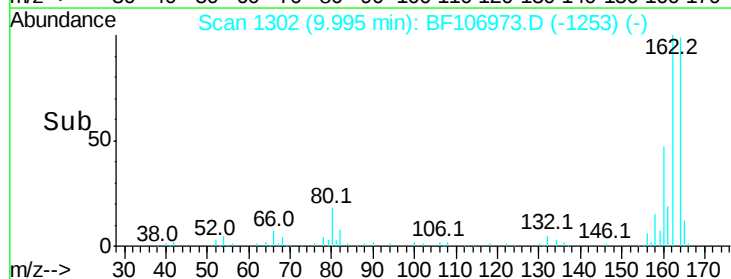
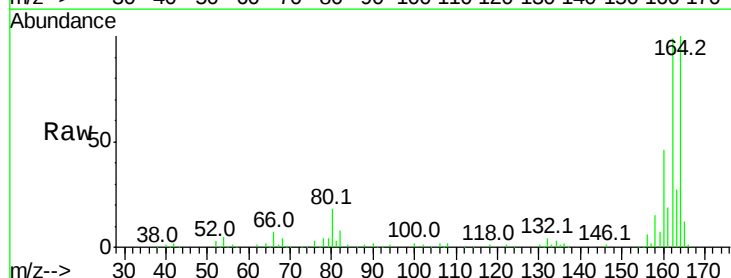
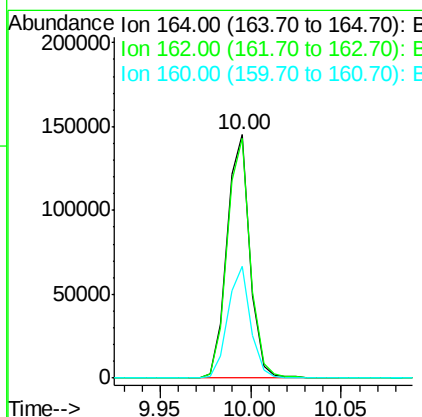
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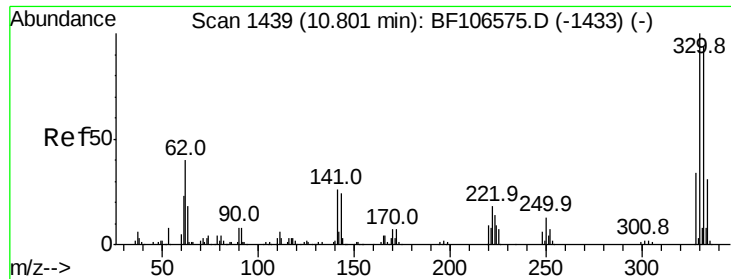
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106973.D
 Acq: 29 Jun 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	98.5	86.1	129.1	
160	45.8	38.3	57.5	





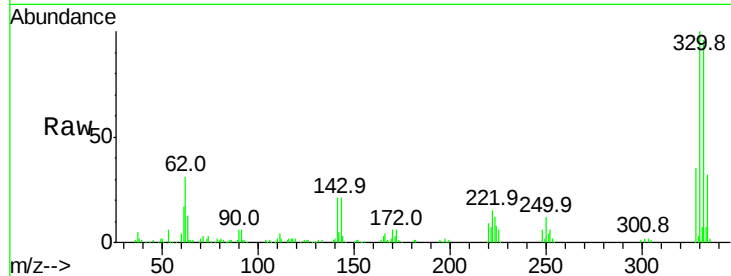
#41
 2,4,6-Tribromophenol
 Concen: 101.114 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106973.D
 Acq: 29 Jun 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :
 93-95-B1(10-15)

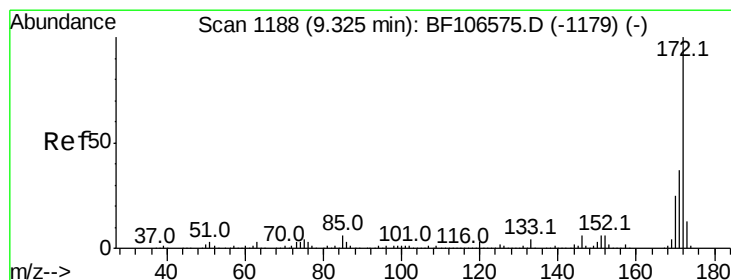
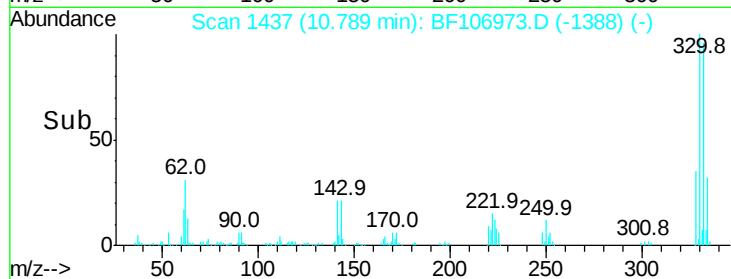
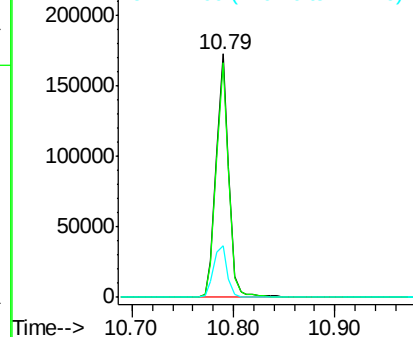
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	77.0	115.6	
141	23.0	29.9	44.9	

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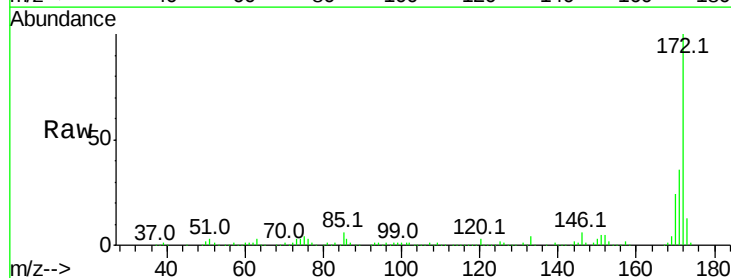


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

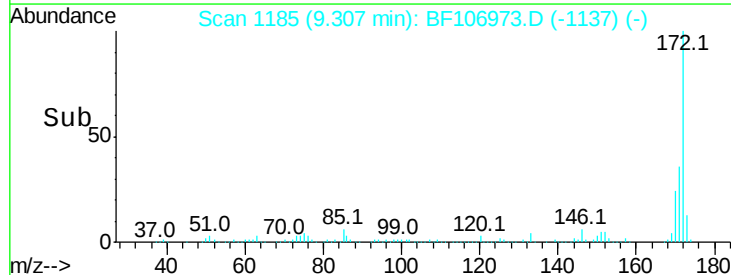
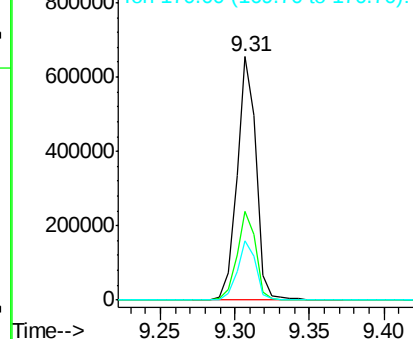


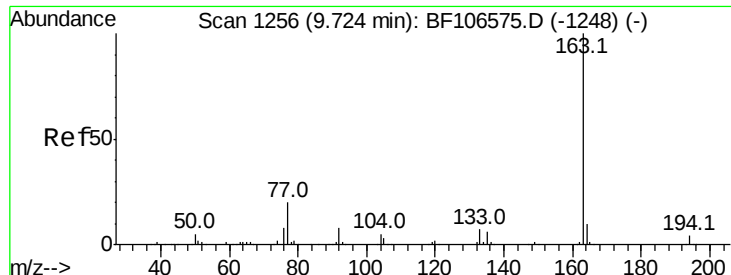
#44
 2-Fluorobiphenyl
 Concen: 76.766 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106973.D
 Acq: 29 Jun 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.3	29.7	44.5	
170	24.4	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





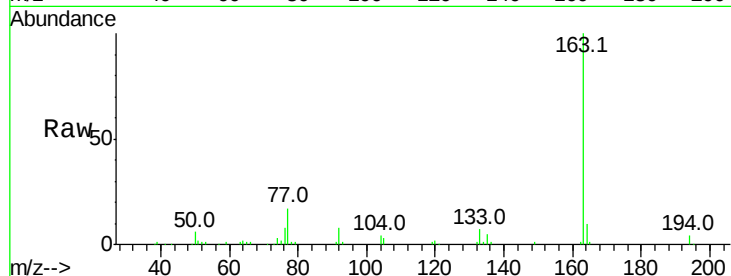
#49
Dimethylphthalate
Concen: 8.661 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106973.D
Acq: 29 Jun 2018 15:19

Instrument :
BNA_F
ClientSampleId :
93-95-B1(10-15)

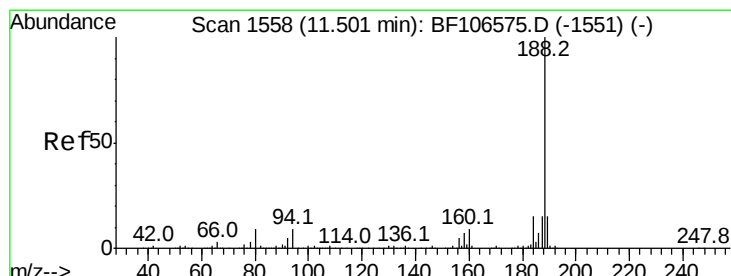
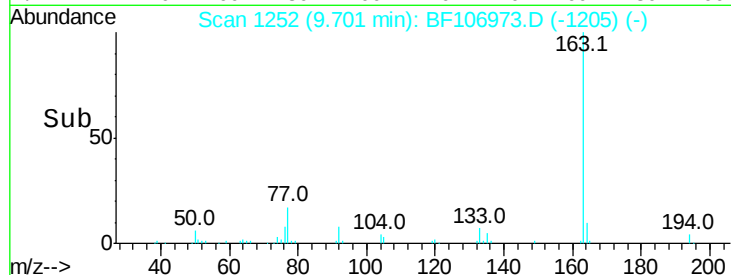
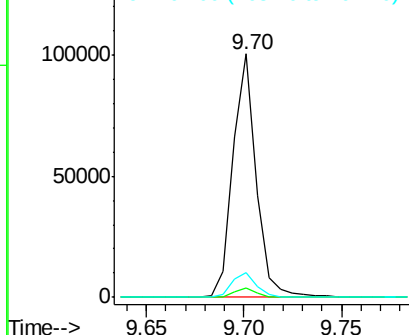
Tot Ion	Ratio	Resp	Lower	Upper
163	100	83280		
194	3.6		2.7	4.1
164	10.4		8.2	12.2

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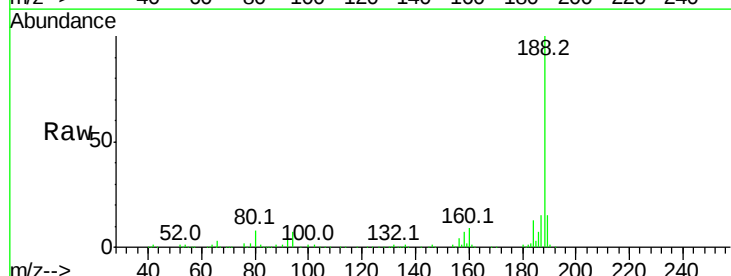


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

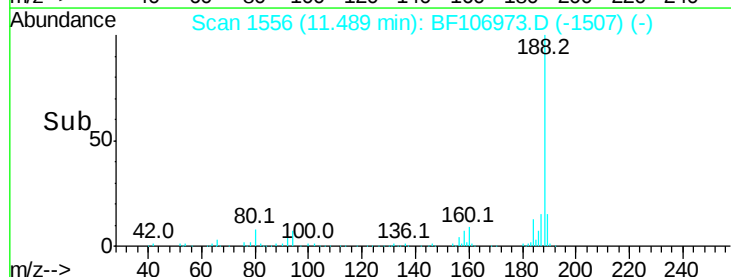
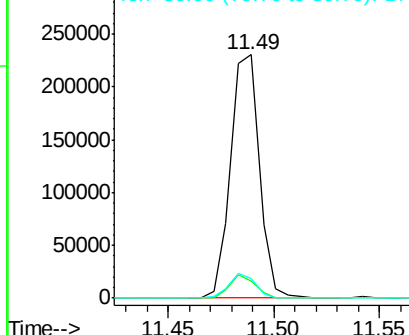


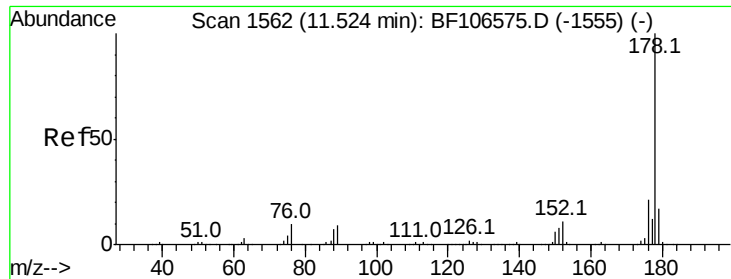
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106973.D
Acq: 29 Jun 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	216919		
94	7.2		8.5	12.7#
80	7.9		9.2	13.8#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





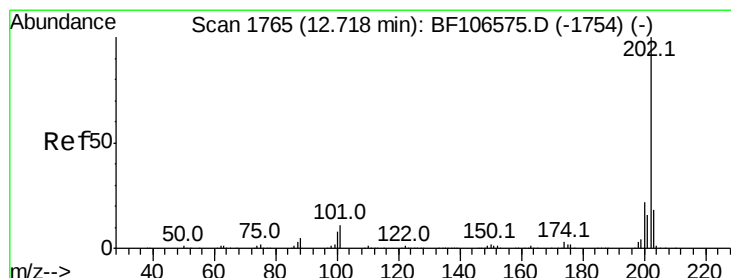
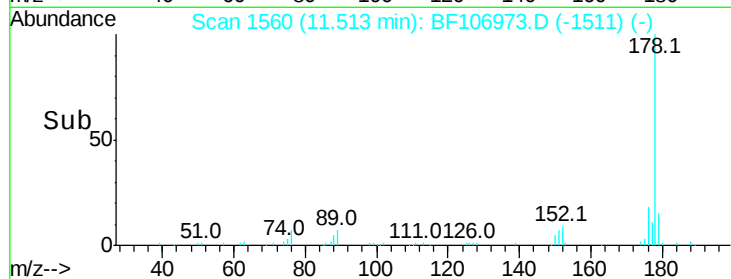
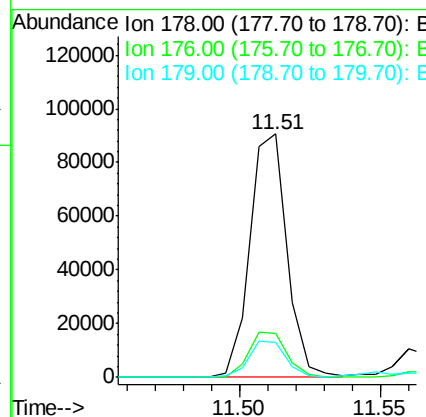
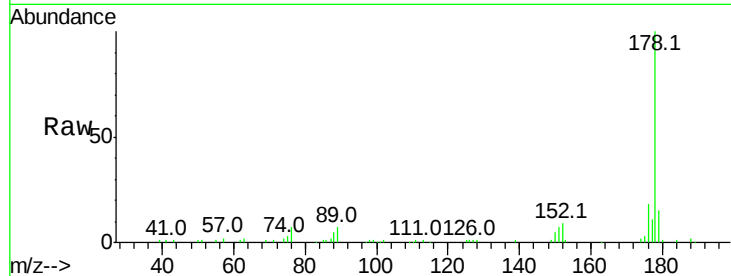
#70
Phenanthrene
Concen: 7.911 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF106973.D
Acq: 29 Jun 2018 15:19

Instrument :
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93-95-B1(10-15)

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.8	23.8
179	14.5	13.0	19.6

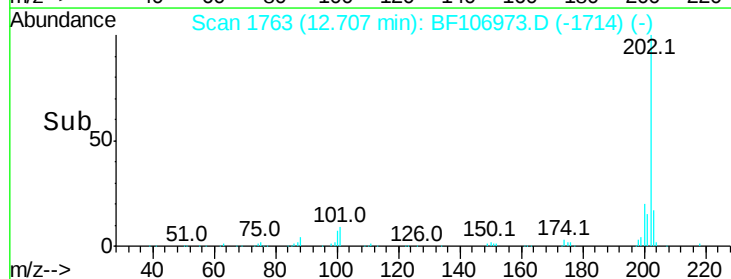
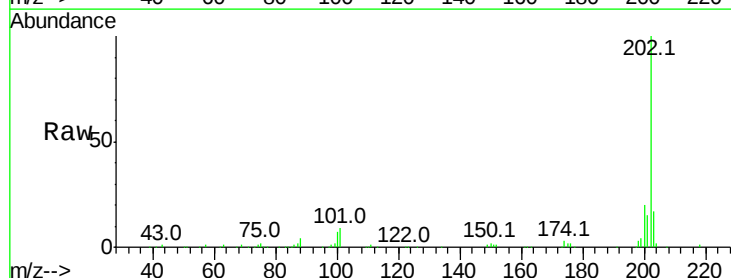
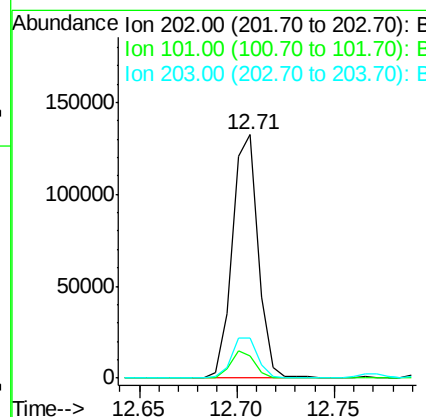
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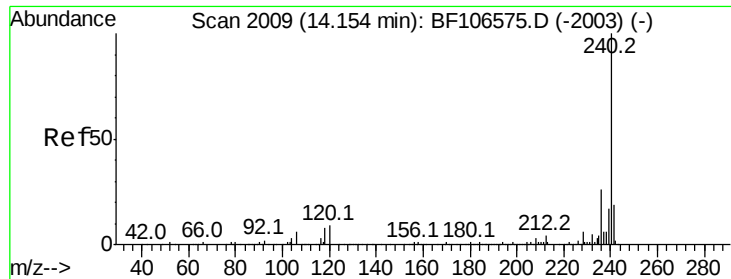
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#74
Fluoranthene
Concen: 10.549 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF106973.D
Acq: 29 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	34.1
203	16.7	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: BF106973.D

Acq: 29 Jun 2018 15:19

Instrument :

BNA_F

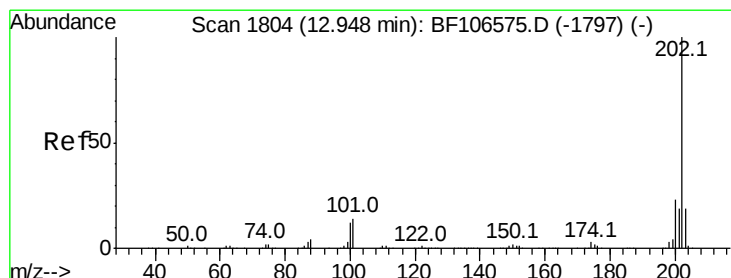
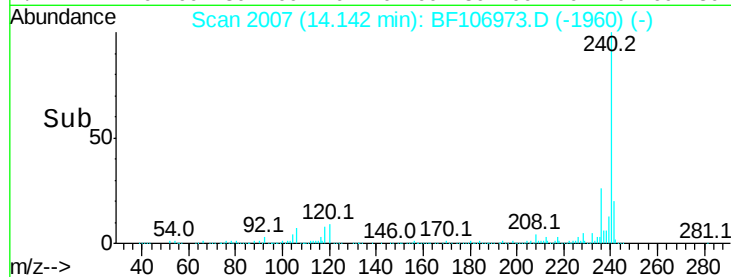
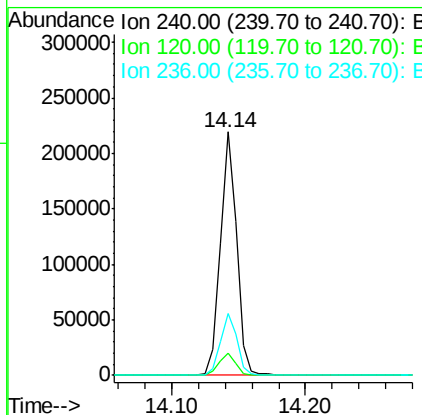
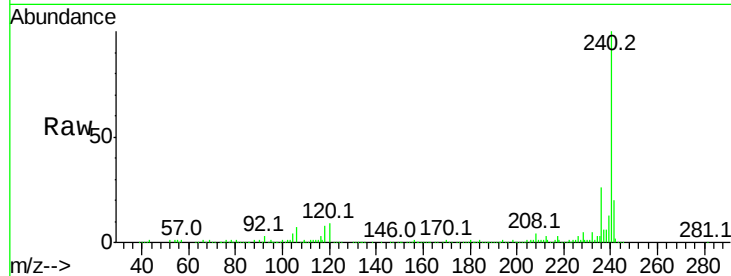
ClientSampleId :

93-95-B1(10-15)

Tot Ion	Ratio	Resp	Lower	Upper
240	100	190649		
120	9.2	9.5	14.3	
236	25.6	20.7	31.1	

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#77

Pyrene

Concen: 7.929 ng

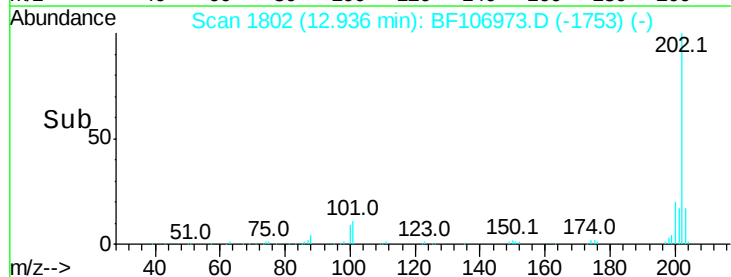
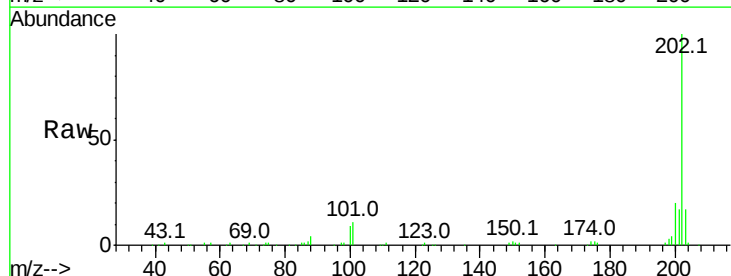
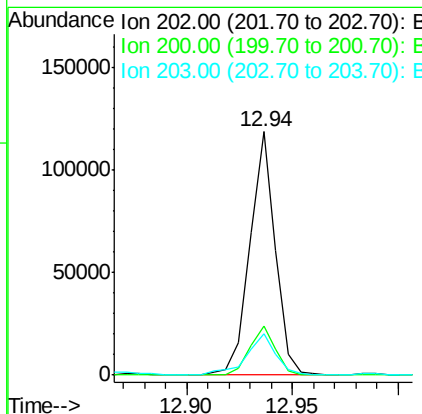
RT: 12.94 min Scan# 1802

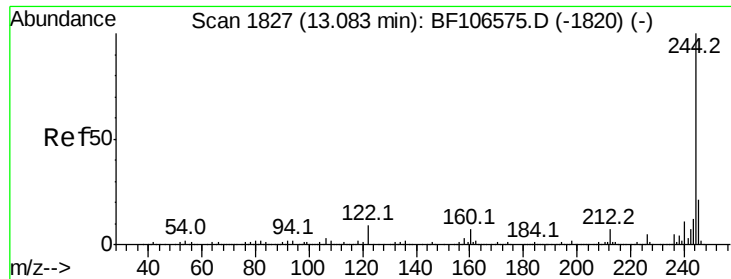
Delta R.T. -0.01 min

Lab File: BF106973.D

Acq: 29 Jun 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	99685		
200	20.4	17.4	26.2	
203	16.9	14.3	21.5	





#78

Terphenyl-d14

Concen: 71.250 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106973.D

Acq: 29 Jun 2018 15:19

Instrument :

BNA_F

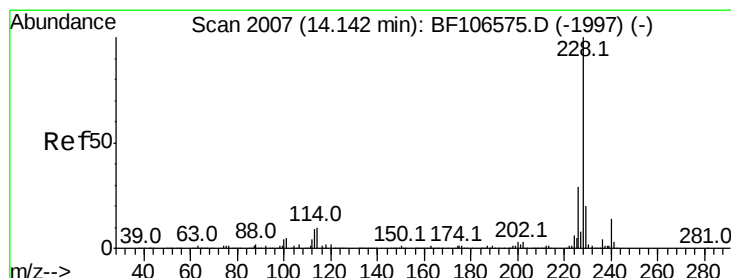
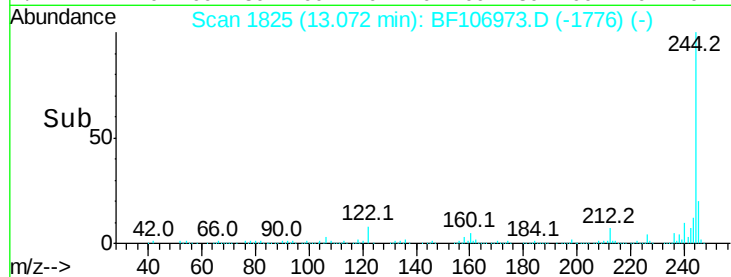
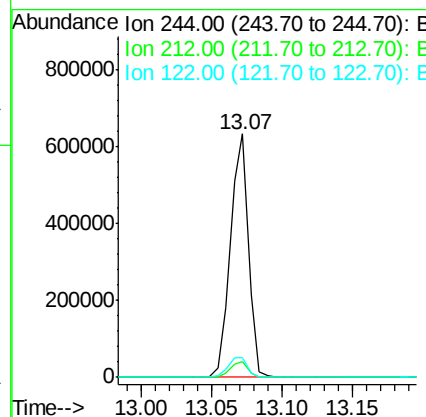
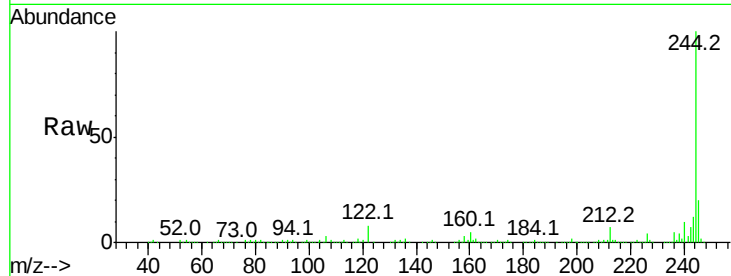
ClientSampleId :

93-95-B1(10-15)

Tot Ion:	244	Resp:	560777
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.4	8.0
122	7.8	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 3.955 ng

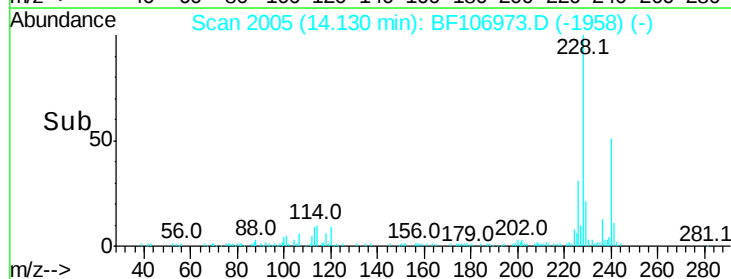
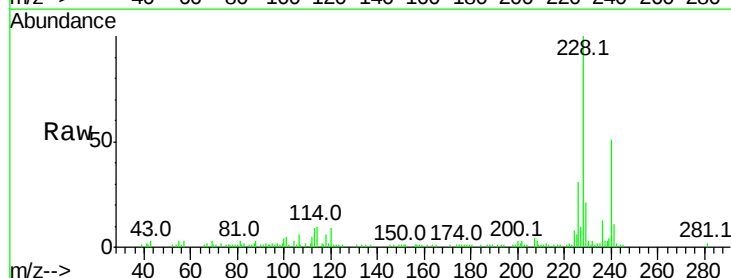
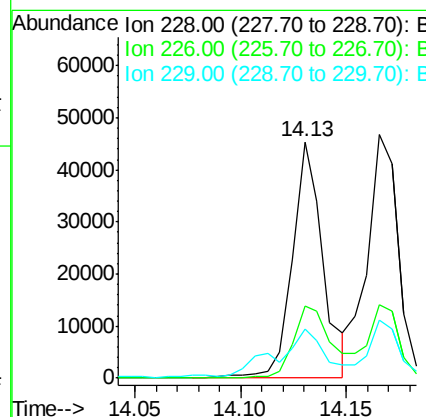
RT: 14.13 min Scan# 2005

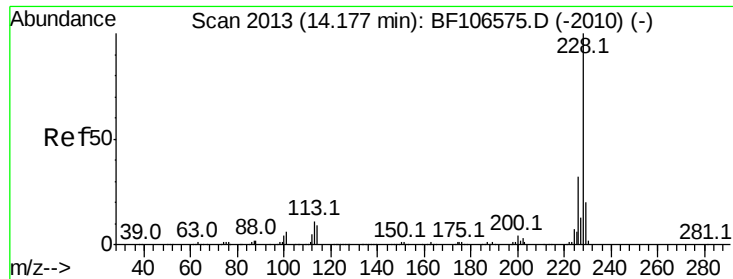
Delta R.T. -0.02 min

Lab File: BF106973.D

Acq: 29 Jun 2018 15:19

Tgt Ion:	228	Resp:	45955
Ion Ratio	Lower	Upper	
228	100		
226	30.7	22.6	33.8
229	20.7	15.8	23.6





#82

Chrysene

Concen: 4.555 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.03 min

Lab File: BF106973.D

Acq: 29 Jun 2018 15:19

Instrument :

BNA_F

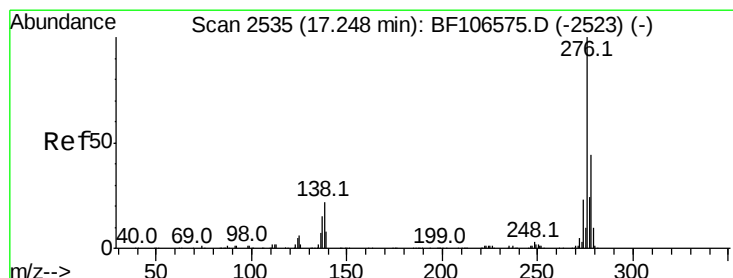
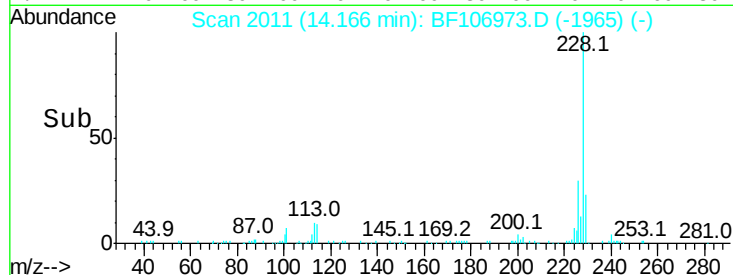
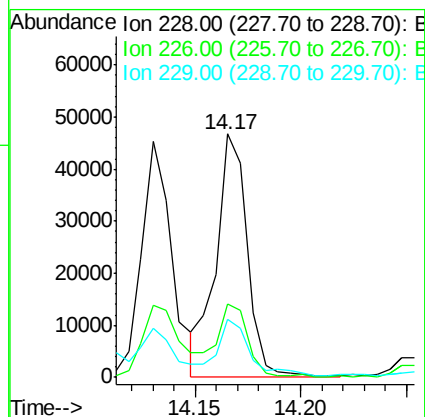
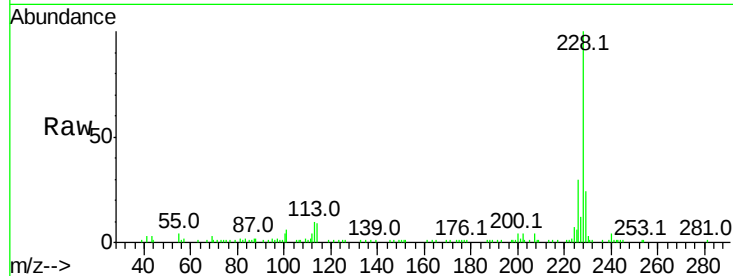
ClientSampleId :

93-95-B1(10-15)

Tot Ion:	228	Resp:	48694
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.0	37.6
229	23.8	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.372 ng

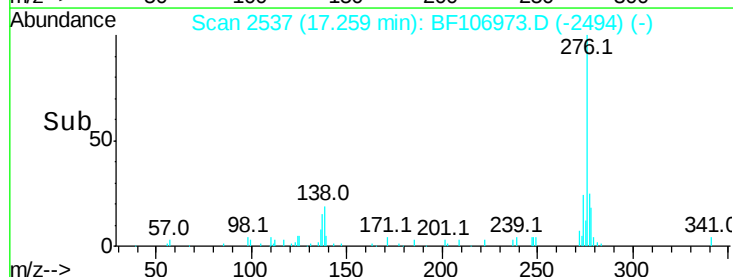
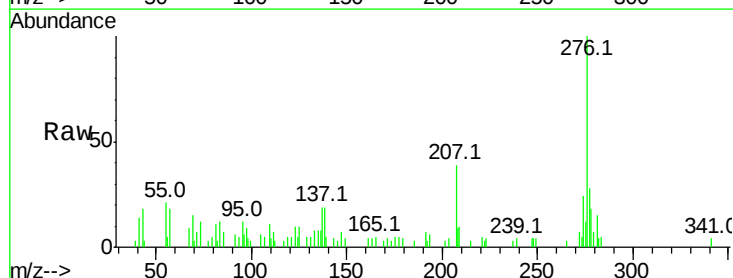
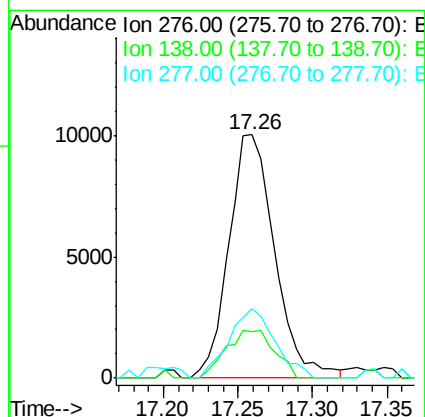
RT: 17.26 min Scan# 2537

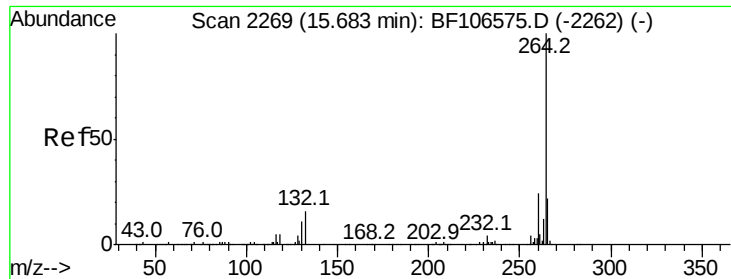
Delta R.T. -0.05 min

Lab File: BF106973.D

Acq: 29 Jun 2018 15:19

Tgt Ion:	276	Resp:	21516
Ion Ratio	Lower	Upper	
276	100		
138	20.6	25.0	37.6#
277	28.6	20.1	30.1





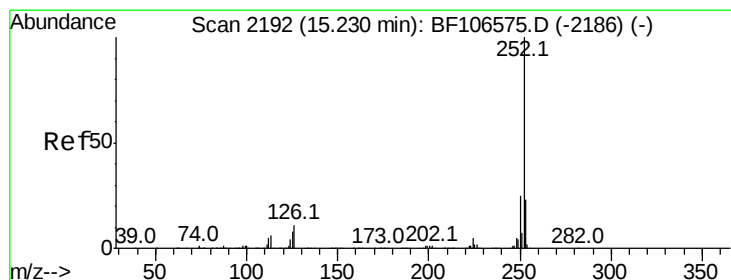
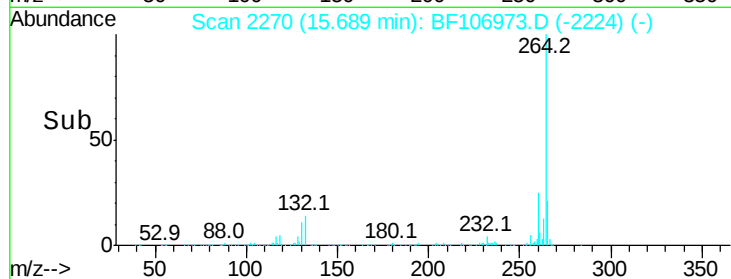
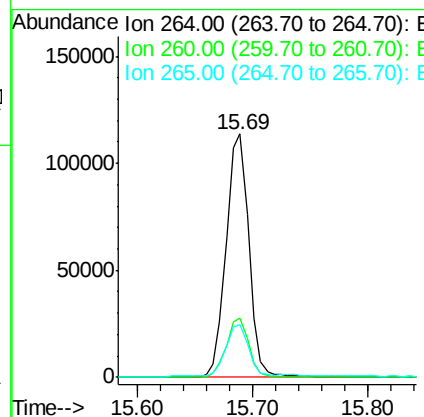
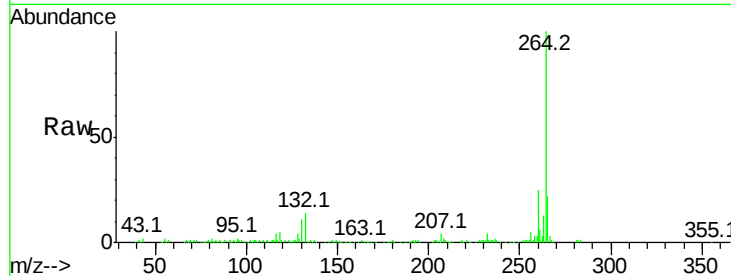
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF106973.D
Acq: 29 Jun 2018 15:19

Instrument :
BNA_F
ClientSampleId :
93-95-B1(10-15)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.6	17.5	26.3

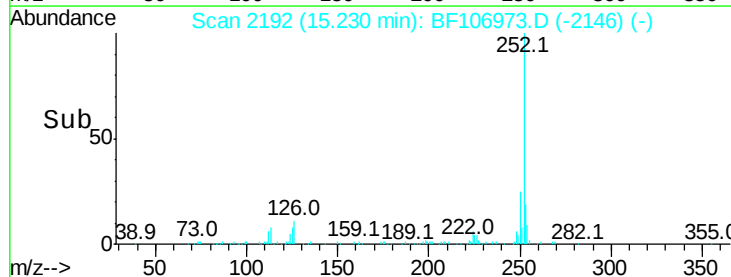
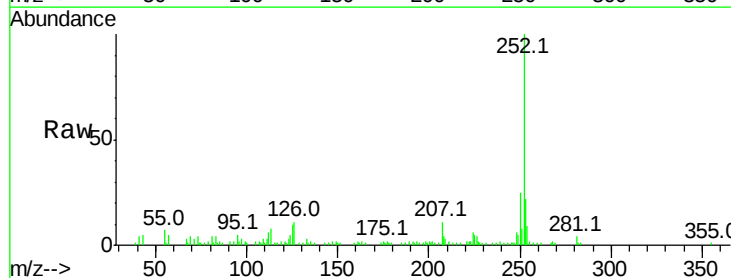
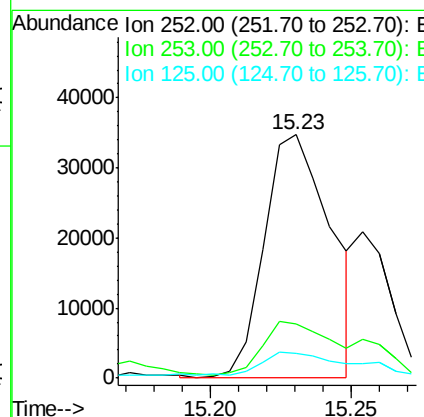
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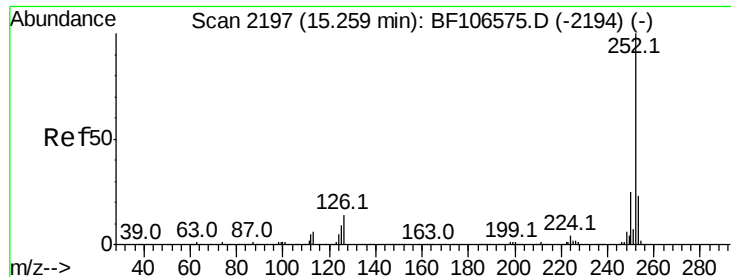
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#87
Benzo(b)fluoranthene
Concen: 5.825 ng m
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF106973.D
Acq: 29 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	10.1	9.0	13.6





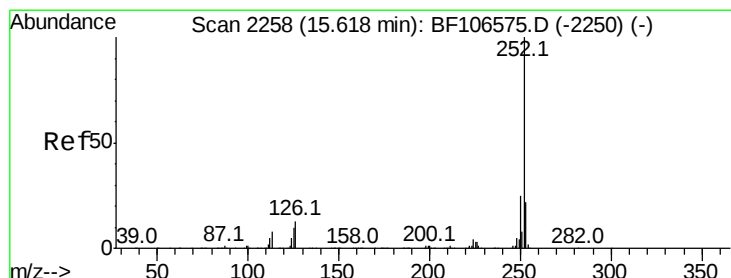
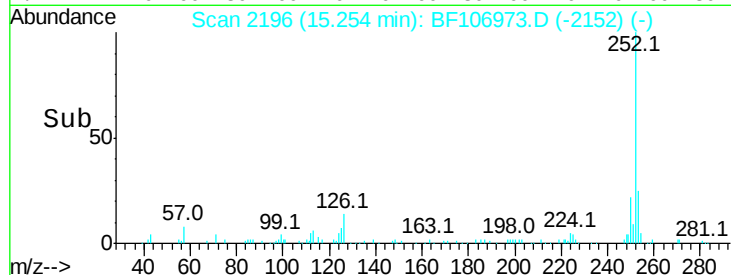
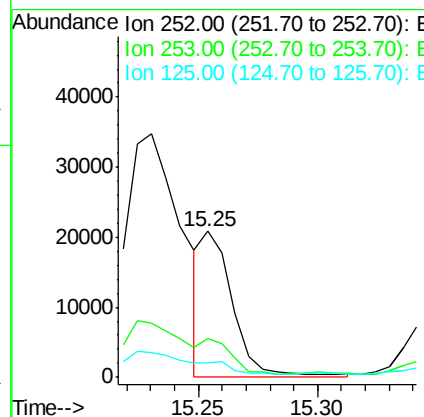
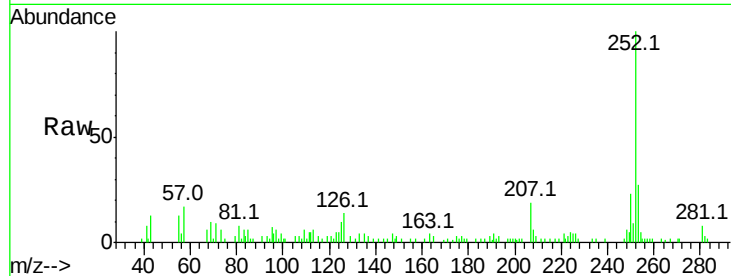
#88
Benzo(k)fluoranthene
Concen: 2.108 ng/mL
RT: 15.25 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF106973.D
Acq: 29 Jun 2018 15:19

Instrument :
BNA_F
ClientSampleId :
93-95-B1(10-15)

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.9	26.9
125	10.1	10.2	15.2

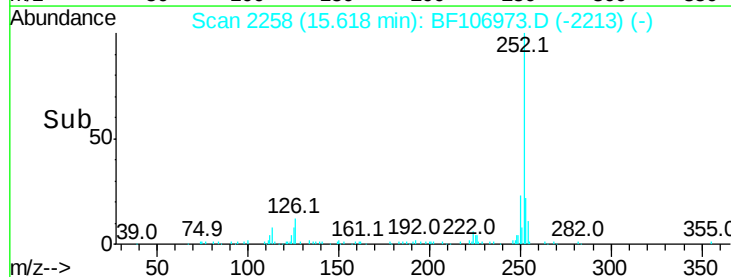
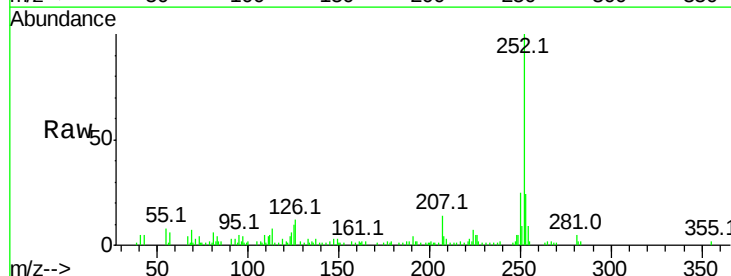
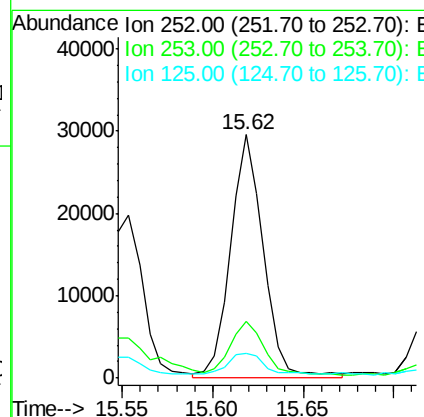
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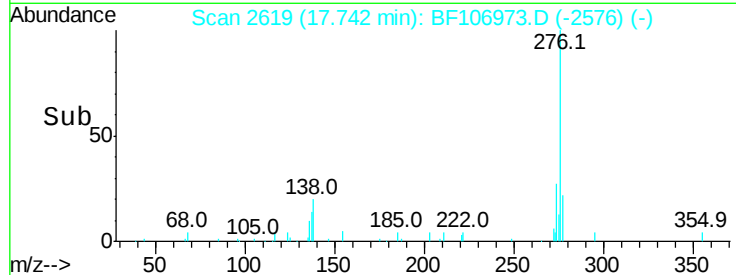
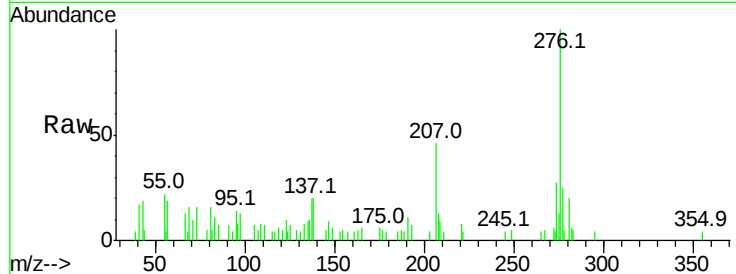
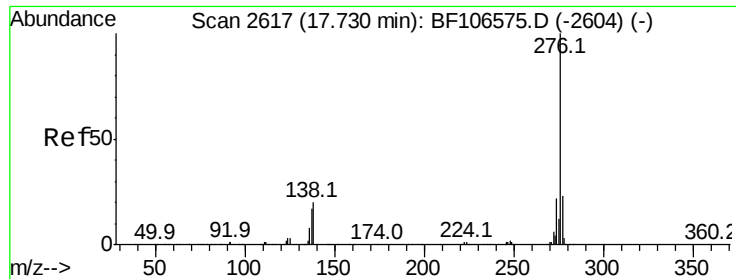
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#89
Benzo(a)pyrene
Concen: 4.353 ng/mL
RT: 15.62 min Scan# 2258
Delta R.T. -0.04 min
Lab File: BF106973.D
Acq: 29 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	10.0	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.858 ng
 RT: 17.74 min Scan# 2619
 Delta R.T. -0.05 min
 Lab File: BF106973.D
 Acq: 29 Jun 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :
 93-95-B1(10-15)

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.2	17.9	26.9
138	20.4	21.8	32.8#

Manual Integrations
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