

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
 Data File : BF107170.D
 Acq On : 6 Jul 2018 14:05
 Operator : JU/SJ
 Sample : J3815-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 964

Manual Integrations
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 7/9/2018 1:58:06 PM

Quant Time: Jul 09 03:37:33 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 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	61731	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	244849	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	127331	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	251698	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	189049	20.00	ng	-0.03
86) Perylene-d12	15.67	264	180844	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	317180	87.00	ng	-0.01
7) Phenol-d6	6.59	99	400987	88.08	ng	-0.02
23) Nitrobenzene-d5	7.51	82	255006	57.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	144468	97.89	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	494212	61.64	ng	-0.02
78) Terphenyl-d14	13.07	244	592859	75.96	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.70	163	92002	9.634	ng	# 98
57) Fluorene	10.54	166	19685	2.281	ng	# 98
70) Phenanthrene	11.51	178	98622	8.124	ng	98
71) Anthracene	11.56	178	30682m	2.476	ng	
74) Fluoranthene	12.70	202	208014	15.546	ng	96
77) Pyrene	12.94	202	207047	16.608	ng	99
80) Benzo(a)anthracene	14.12	228	86836	7.537	ng	99
82) Chrysene	14.16	228	91170m	8.601	ng	
83) Bis(2-ethylhexyl)phthalate	14.08	149	61032	9.314	ng	97
85) Indeno(1,2,3-cd)pyrene	17.25	276	48427	5.383	ng	# 88
87) Benzo(b)fluoranthene	15.21	252	97441m	8.674	ng	
88) Benzo(k)fluoranthene	15.24	252	34596m	3.234	ng	
89) Benzo(a)pyrene	15.60	252	71852m	7.195	ng	
91) Benzo(a,h,i)perylene	17.73	276	45103	5.452	ng	# 91

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

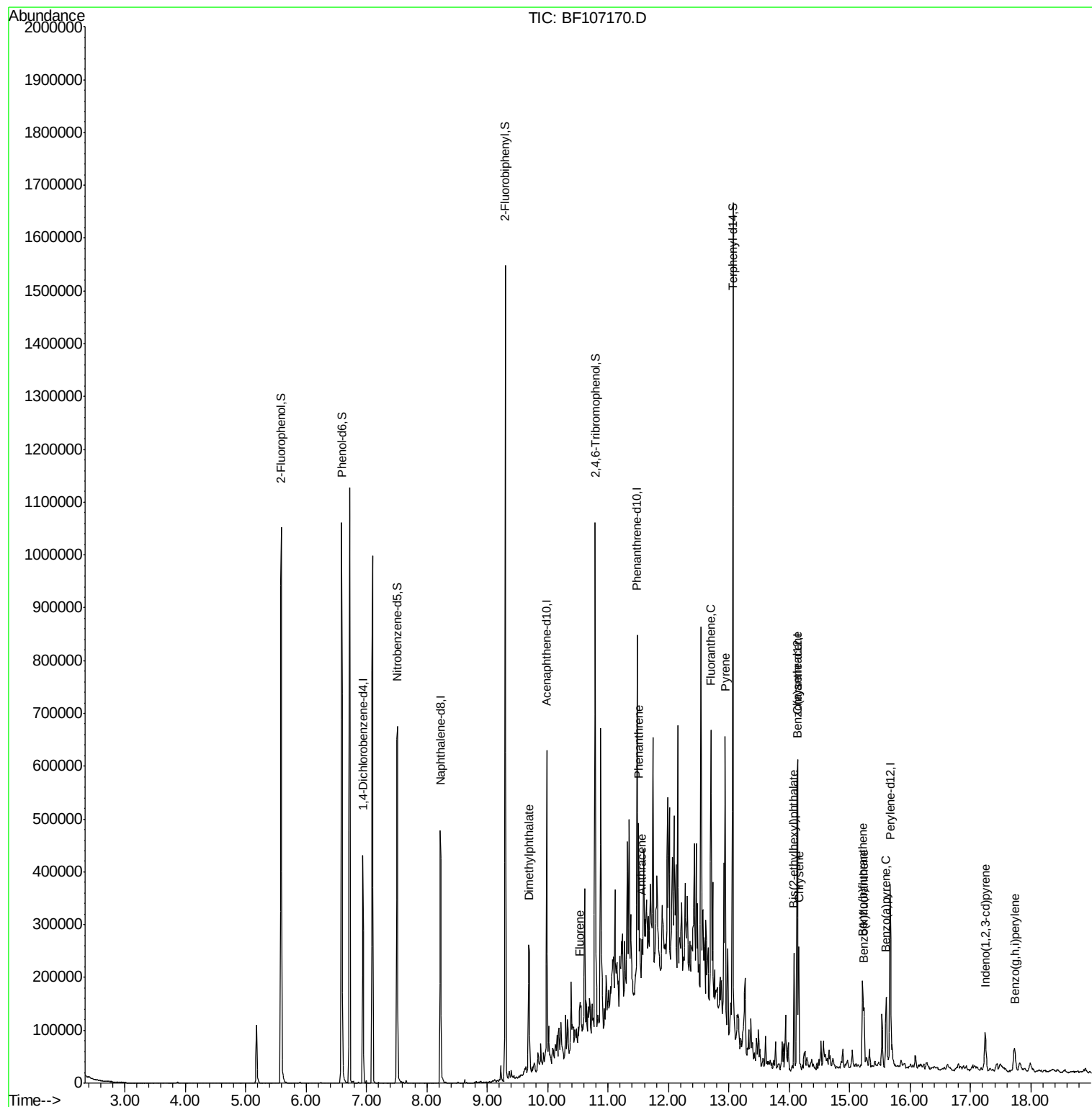
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107170.D
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ALS Vial : 5 Sample Multiplier: 1

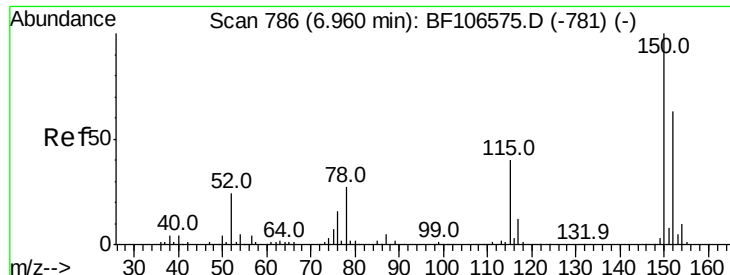
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

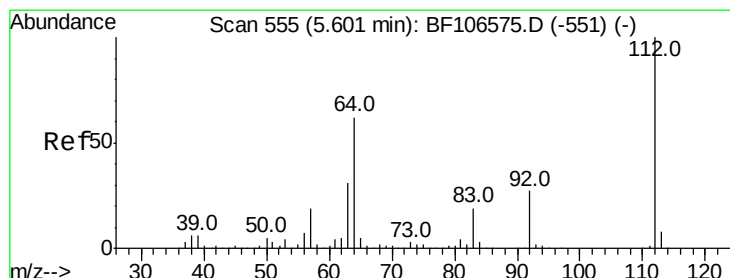
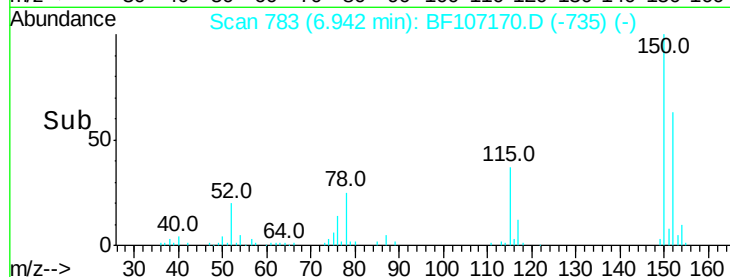
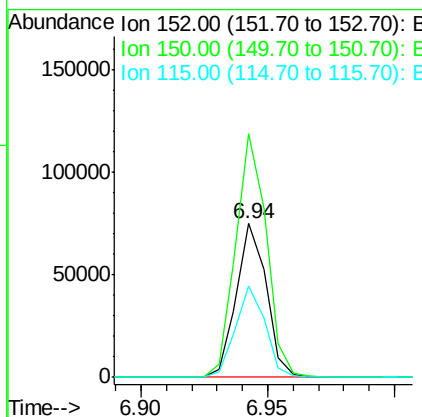
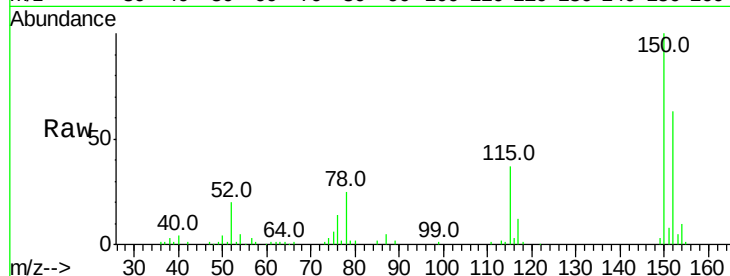
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107170.D
Acq: 6 Jul 2018 14:05

Instrument :
BNA_F
ClientSampleId :
964

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	59.2	50.1	75.1

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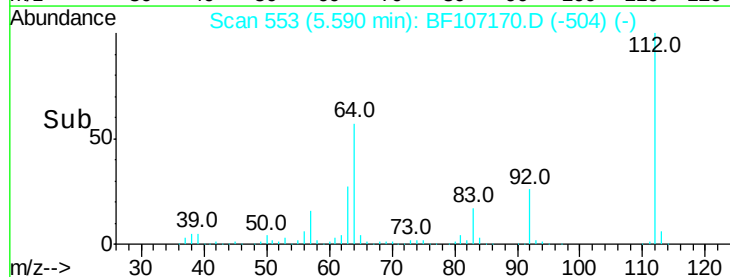
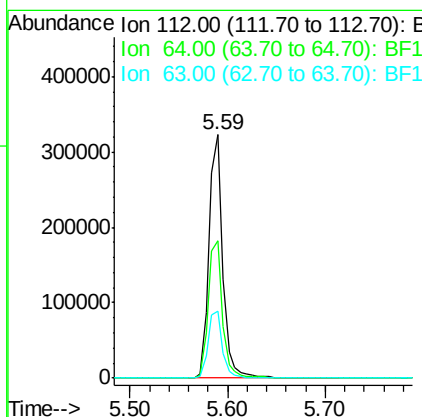
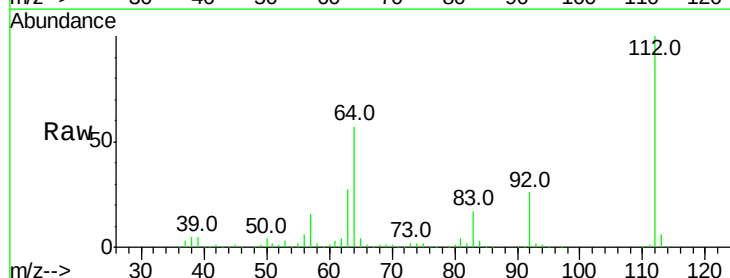
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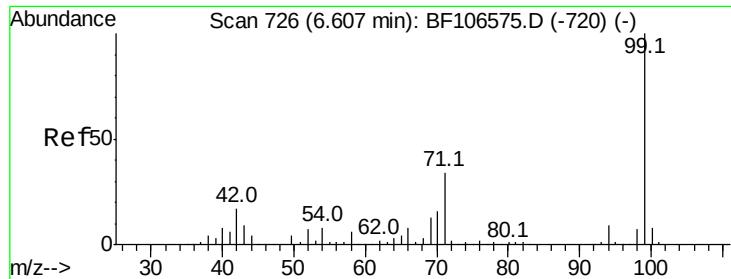


#5

2-Fluorophenol
Concen: 87.004 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107170.D
Acq: 6 Jul 2018 14:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.9	71.9
63	27.4	23.7	35.5





#7

Phenol-d6

Concen: 88.079 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107170.D

Acq: 6 Jul 2018 14:05

Instrument :

BNA_F

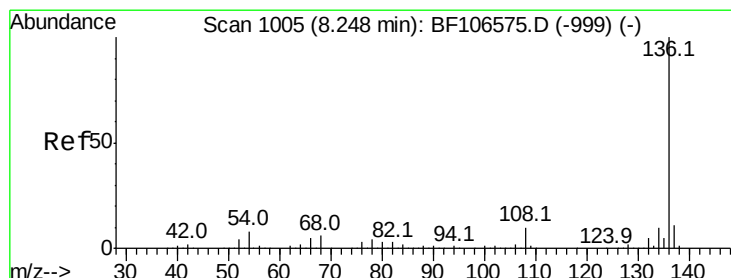
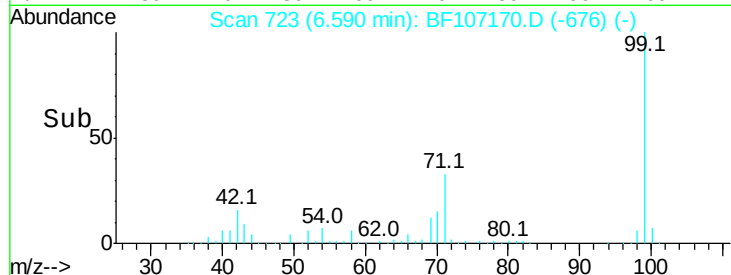
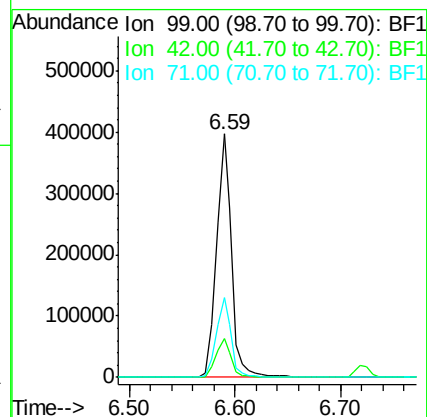
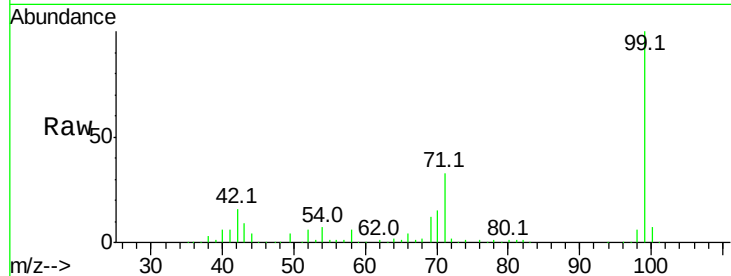
ClientSampled :

964

Tot Ion:	99	Resp:	400987
Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.5	21.7
71	33.0	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

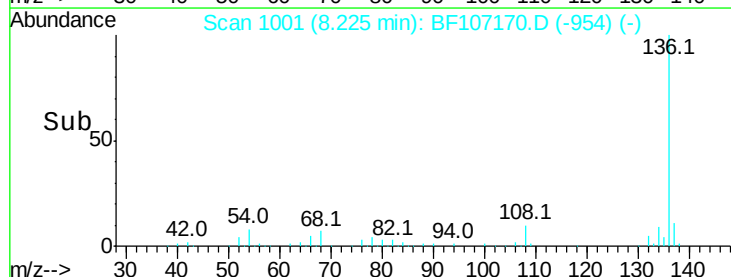
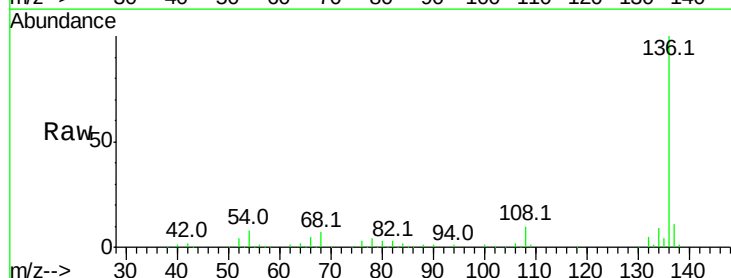
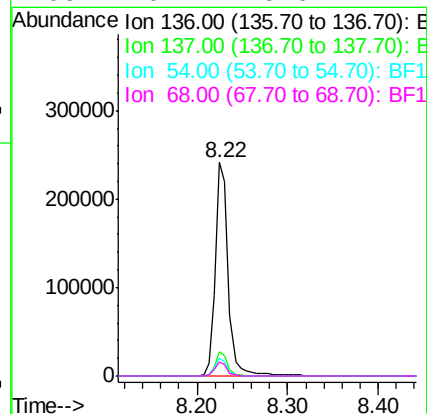
RT: 8.22 min Scan# 1001

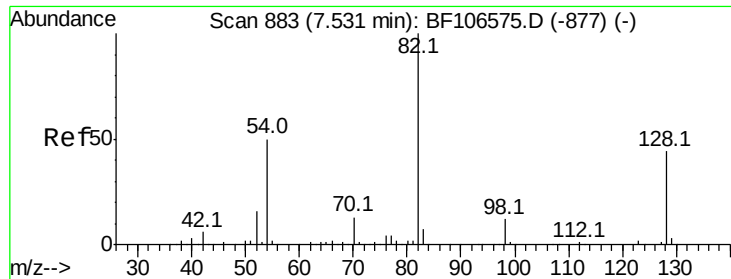
Delta R.T. -0.02 min

Lab File: BF107170.D

Acq: 6 Jul 2018 14:05

Tgt Ion:	136	Resp:	244849
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.2	6.6	9.8
68	6.7	5.0	7.4





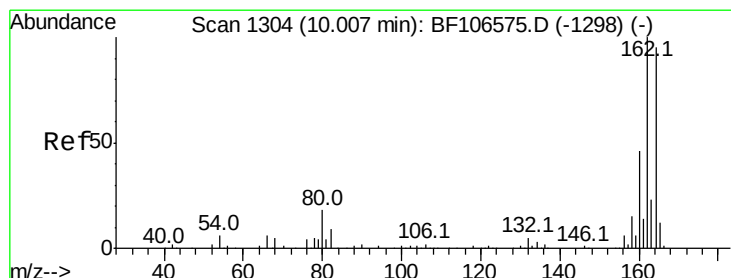
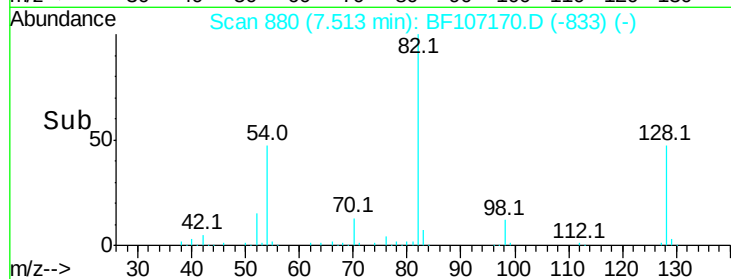
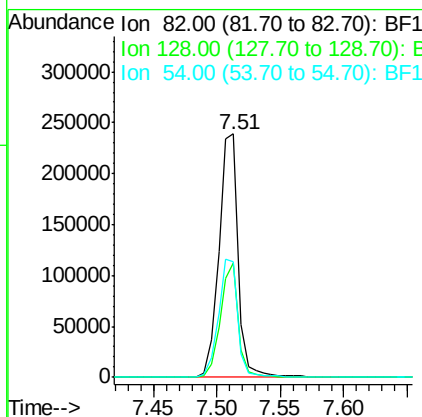
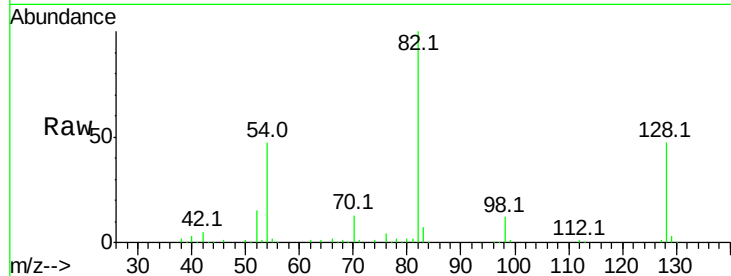
#23
 Nitrobenzene-d5
 Concen: 57.879 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107170.D
 Acq: 6 Jul 2018 14:05

Instrument :
 BNA_F
 ClientSampleId :
 964

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.9	36.1	54.1	
54	47.5	41.4	62.2	

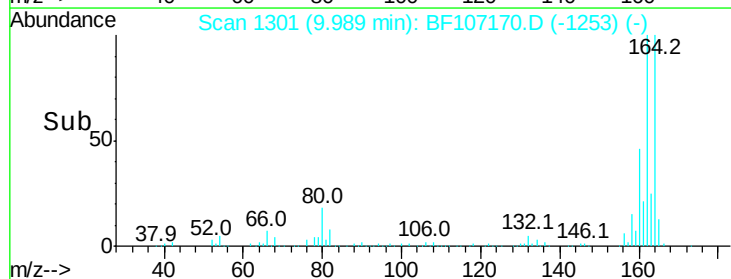
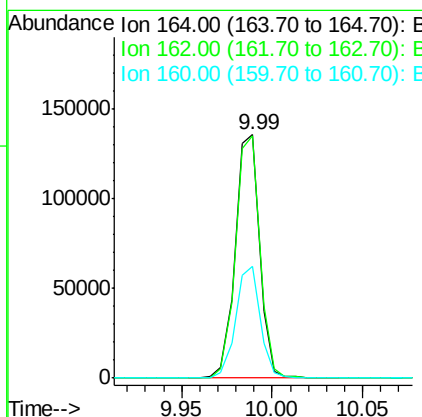
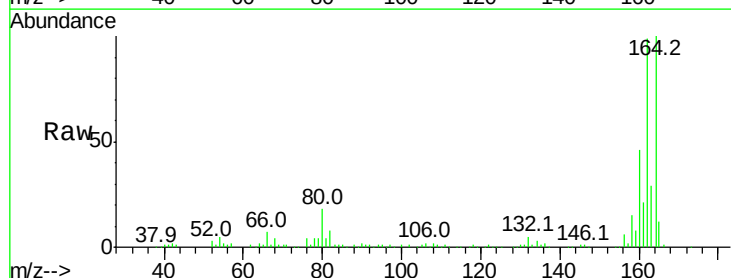
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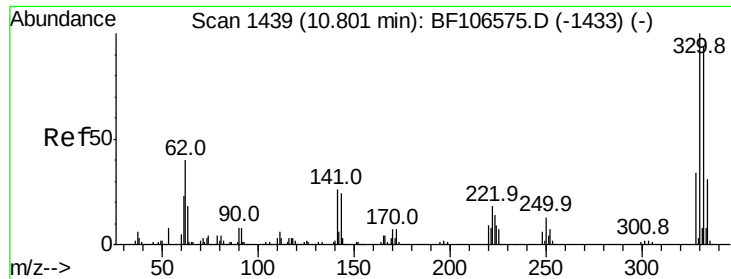
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107170.D
 Acq: 6 Jul 2018 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.5	86.1	129.1	
160	45.8	38.3	57.5	





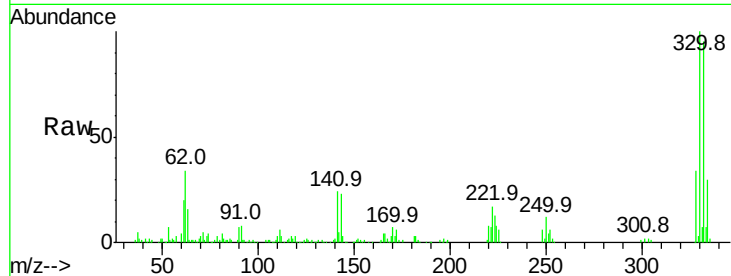
#41
 2,4,6-Tribromophenol
 Concen: 97.891 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107170.D
 Acq: 6 Jul 2018 14:05

Instrument :
 BNA_F
 ClientSampled :
 964

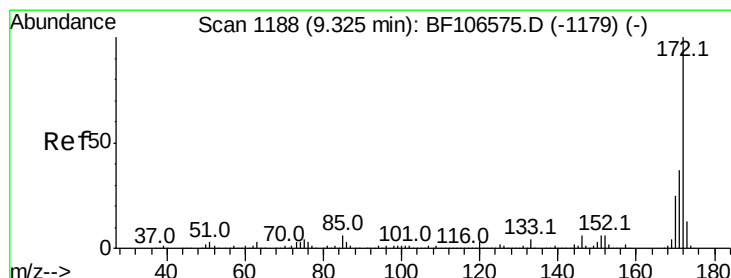
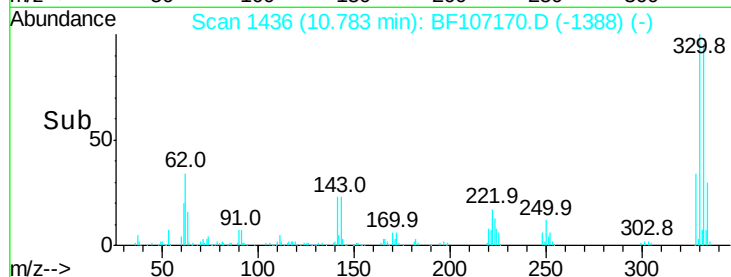
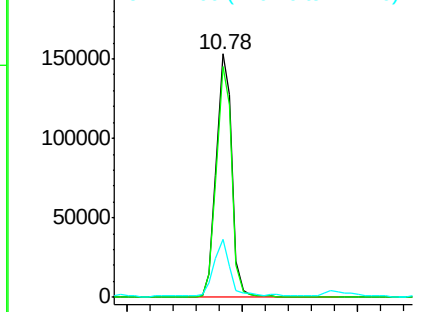
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	24.9	29.9	44.9#

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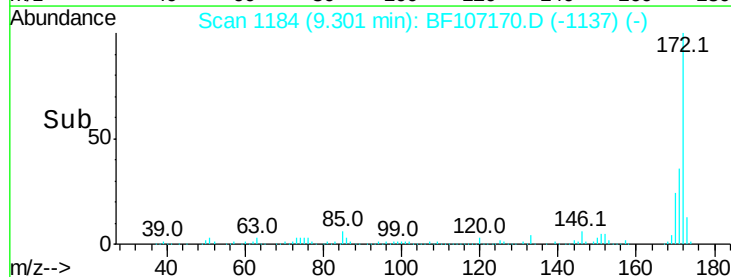
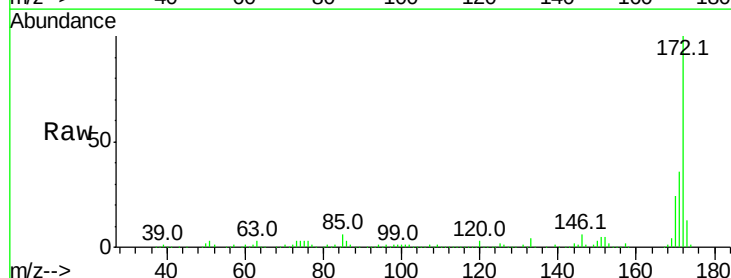
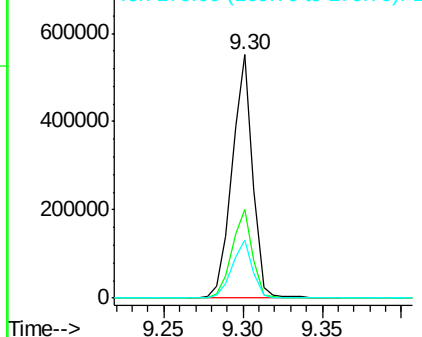
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

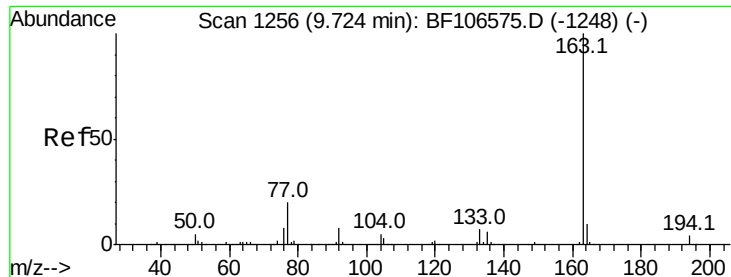


#44
 2-Fluorobiphenyl
 Concen: 61.643 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107170.D
 Acq: 6 Jul 2018 14:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.1	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





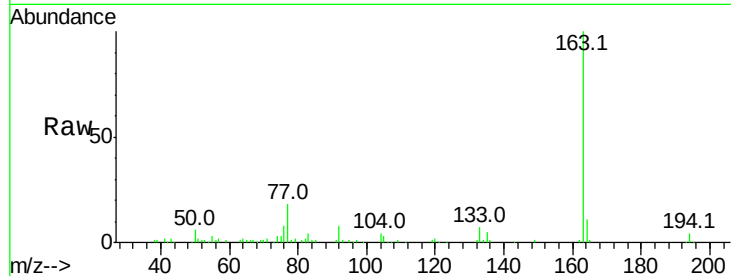
#49
Dimethylphthalate
Concen: 9.634 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107170.D
Acq: 6 Jul 2018 14:05

Instrument :
BNA_F
ClientSampled :
964

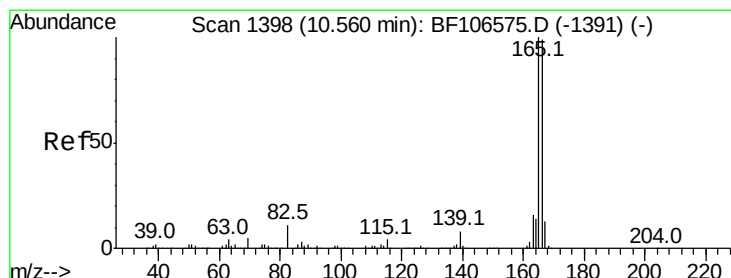
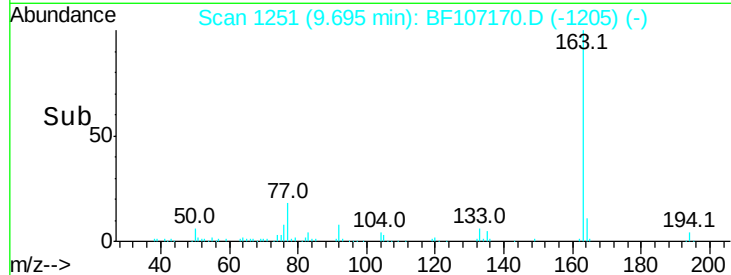
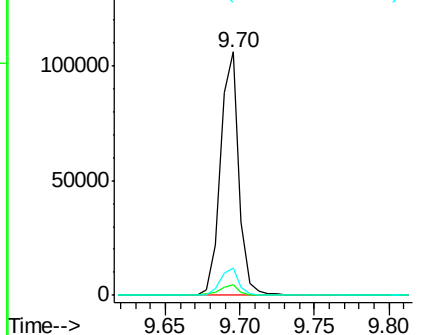
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	2.7	4.1#	
164	11.1	8.2	12.2	

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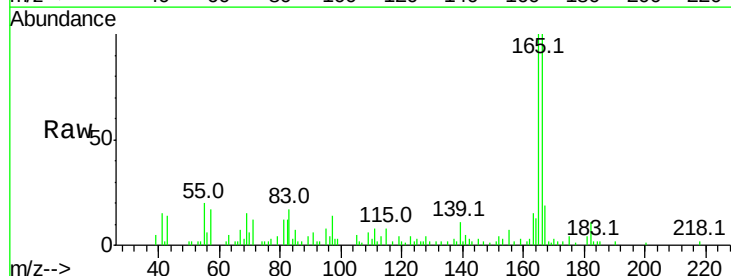


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

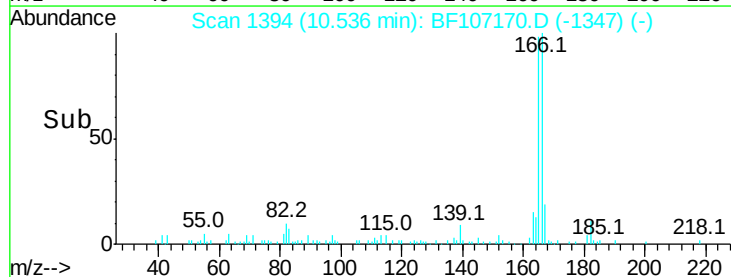
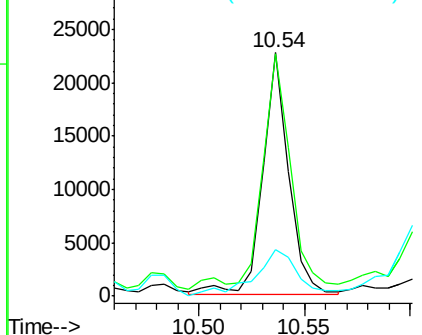


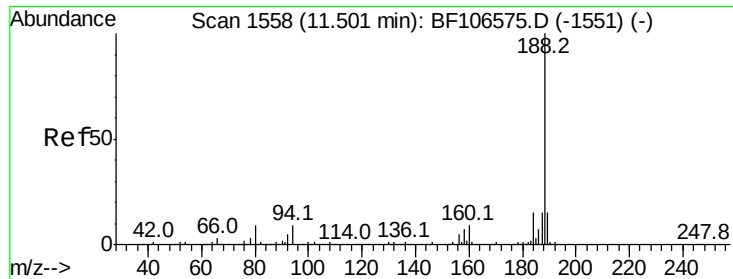
#57
Fluorene
Concen: 2.281 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF107170.D
Acq: 6 Jul 2018 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.5	79.8	119.8	
167	18.9	10.6	16.0#	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





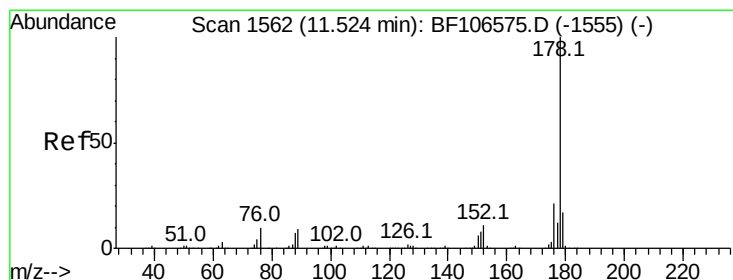
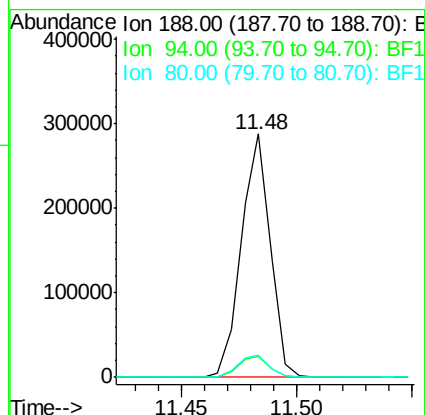
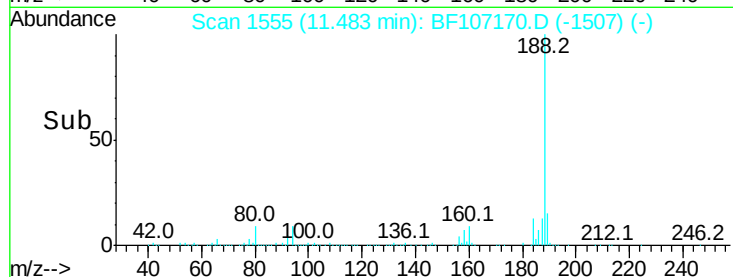
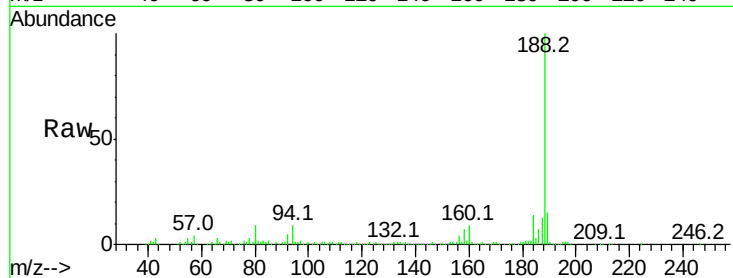
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107170.D
Acq: 6 Jul 2018 14:05

Instrument :
BNA_F
ClientSampled :
964

Tot Ion	Ratio	Resp	Lower	Upper
188	100	251698		
94	8.7		8.5	12.7
80	9.3		9.2	13.8

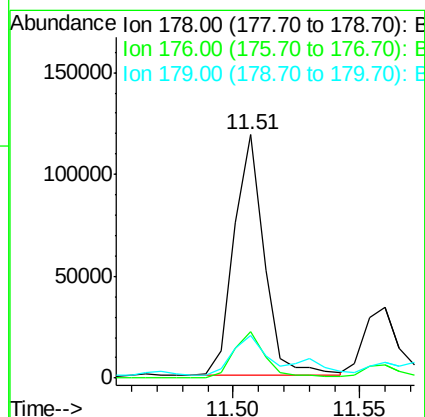
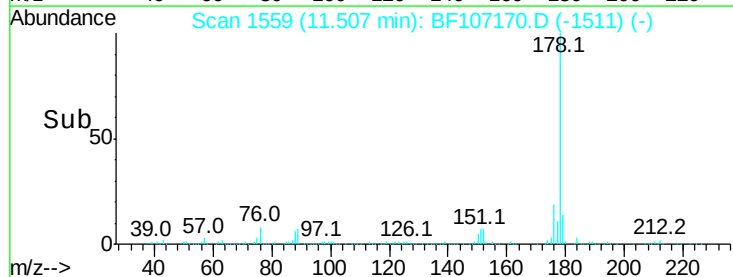
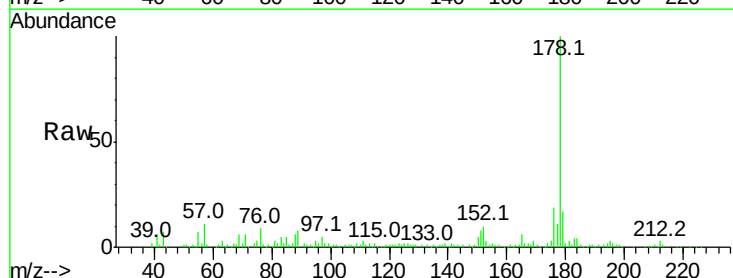
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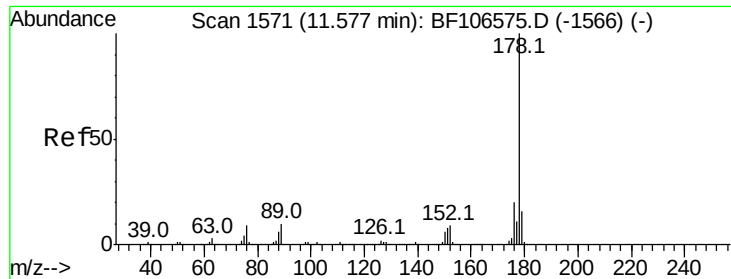
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#70
Phenanthrene
Concen: 8.124 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF107170.D
Acq: 6 Jul 2018 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	98622		
176	19.1		15.8	23.8
179	17.3		13.0	19.6





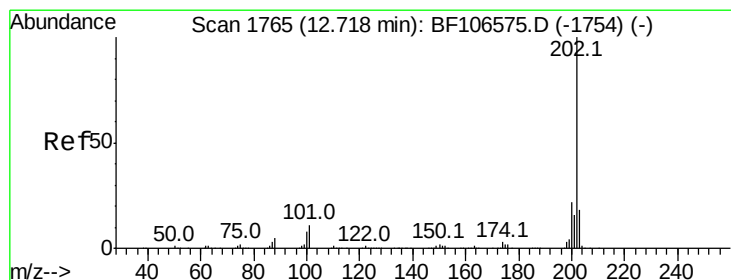
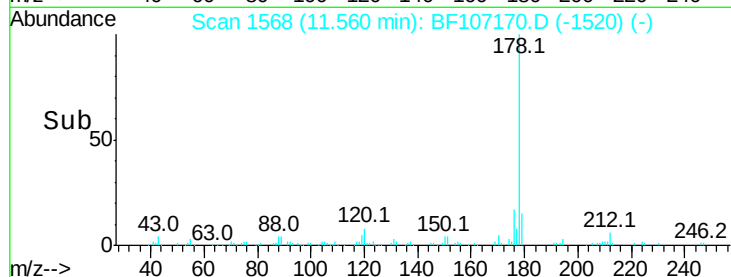
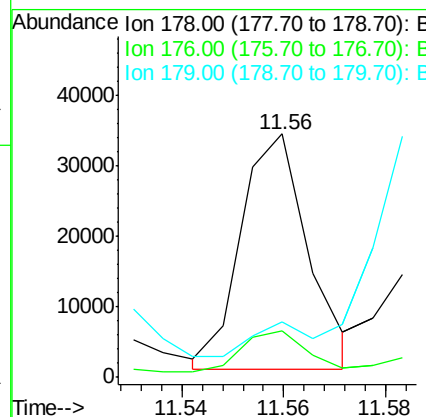
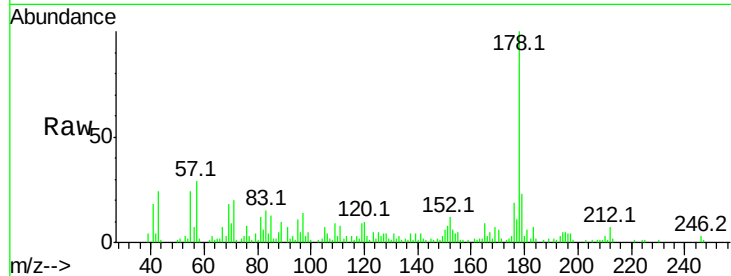
#71
 Anthracene
 Concen: 2.476 ng/ml
 RT: 11.56 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BF107170.D
 Acq: 6 Jul 2018 14:05

Instrument :
 BNA_F
 ClientSampleId :
 964

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	22.6	12.6	19.0

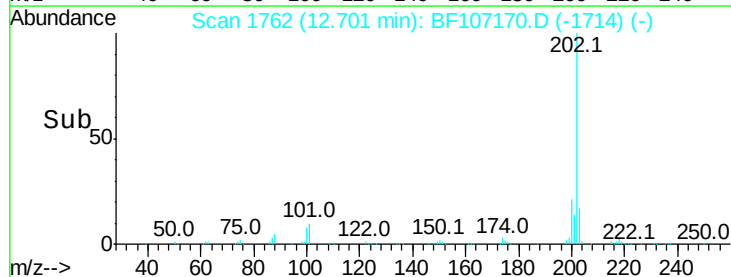
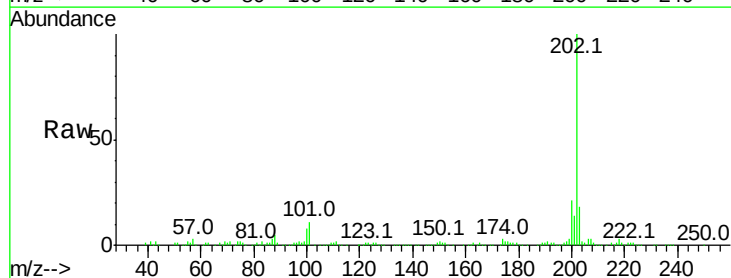
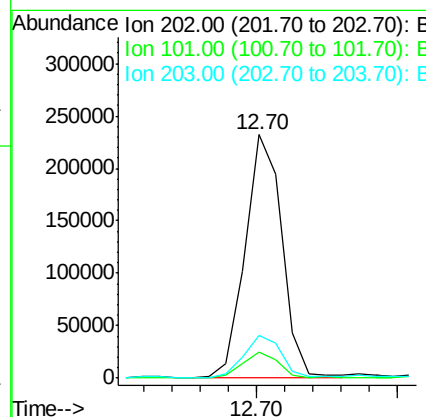
Manual Integrations
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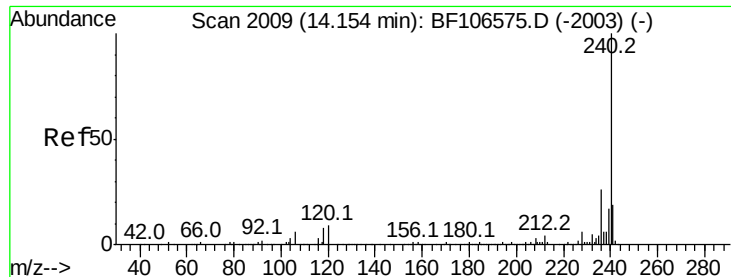
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#74
 Fluoranthene
 Concen: 15.546 ng
 RT: 12.70 min Scan# 1762
 Delta R.T. -0.02 min
 Lab File: BF107170.D
 Acq: 6 Jul 2018 14:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107170.D

Acq: 6 Jul 2018 14:05

Instrument :

BNA_F

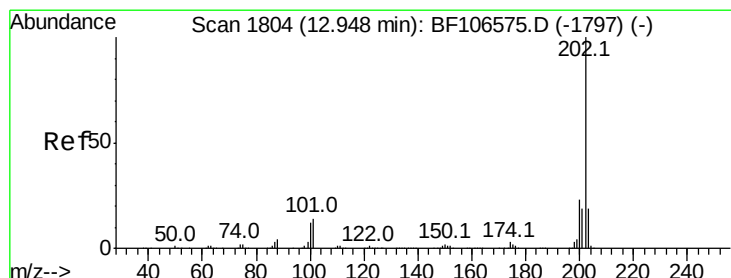
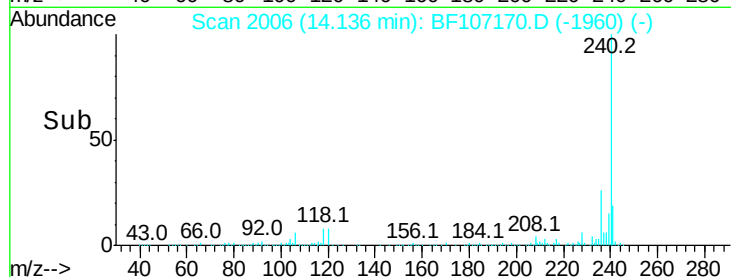
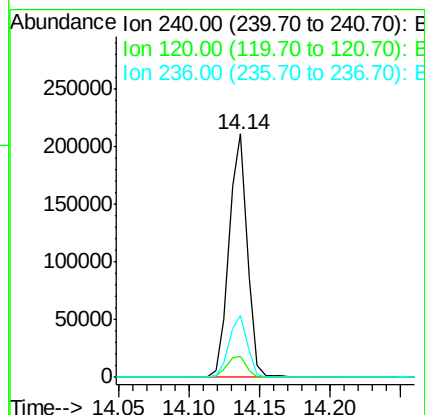
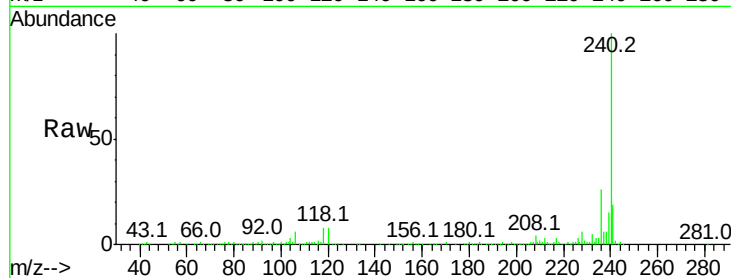
ClientSampled :

964

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.5	14.3#
236	25.7	20.7	31.1

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#77

Pyrene

Concen: 16.608 ng

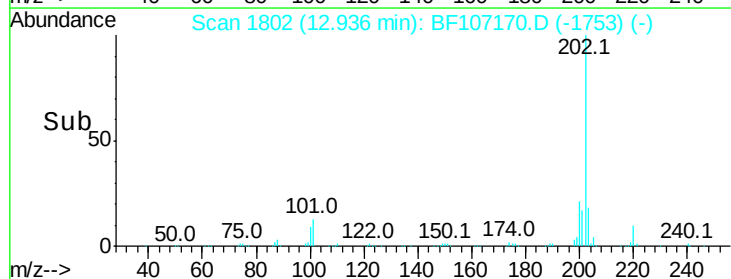
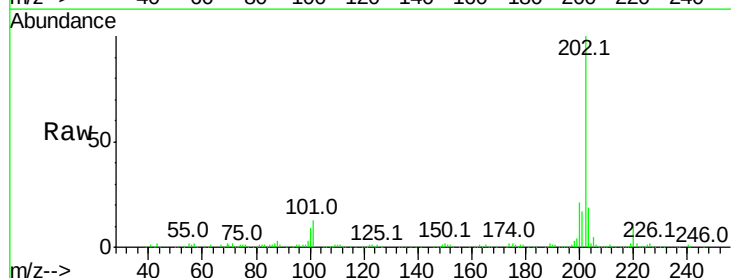
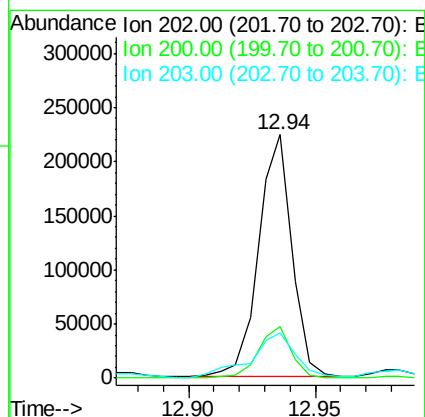
RT: 12.94 min Scan# 1802

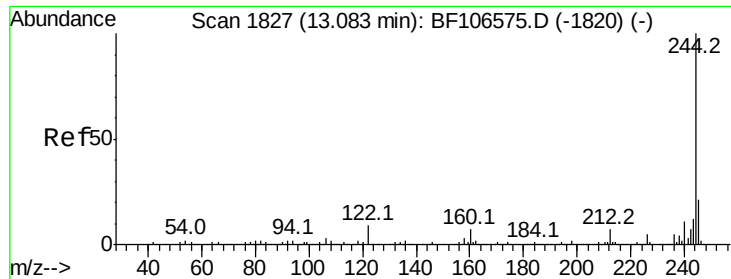
Delta R.T. -0.01 min

Lab File: BF107170.D

Acq: 6 Jul 2018 14:05

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.7	14.3	21.5





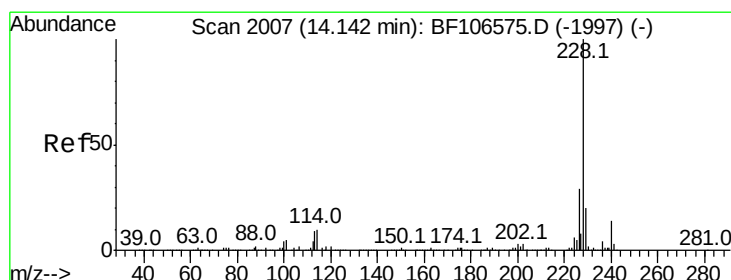
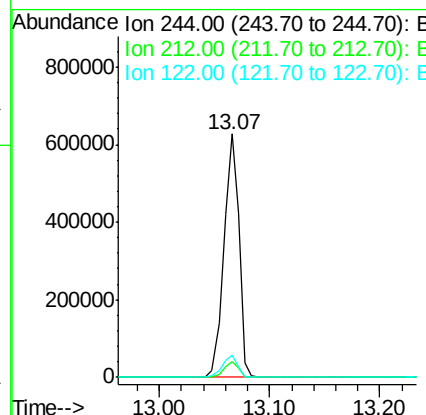
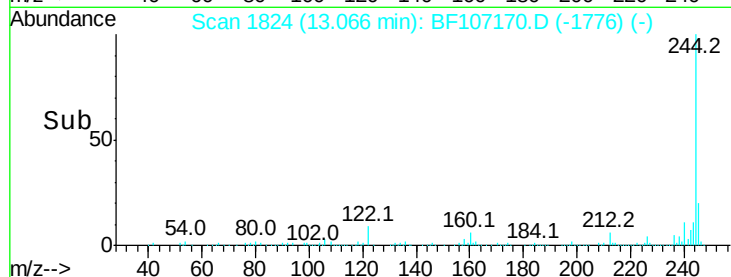
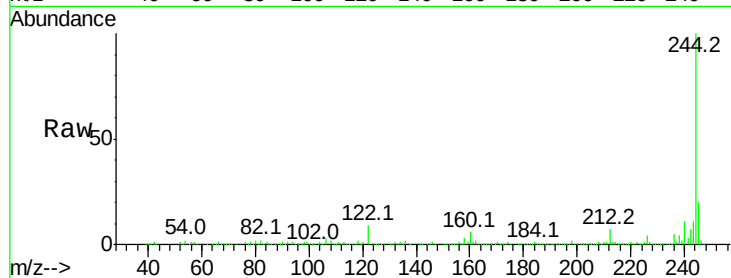
#78
 Terphenyl-d14
 Concen: 75.963 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107170.D
 Acq: 6 Jul 2018 14:05

Instrument :
 BNA_F
 ClientSampleId :
 964

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.1	11.0	16.4

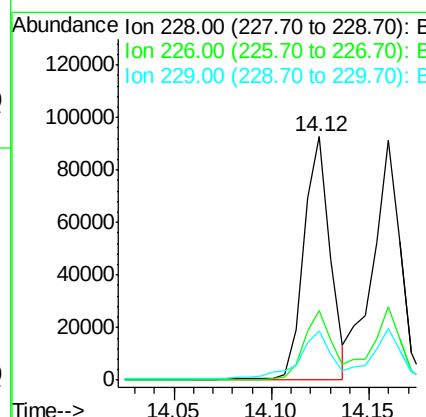
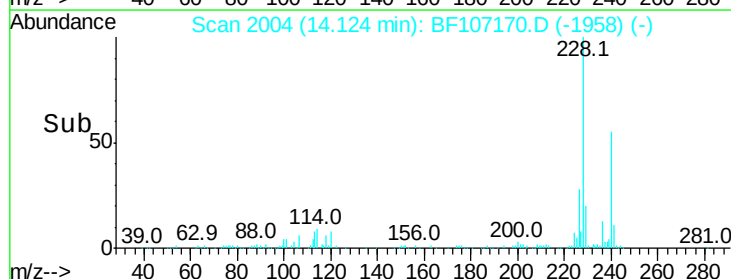
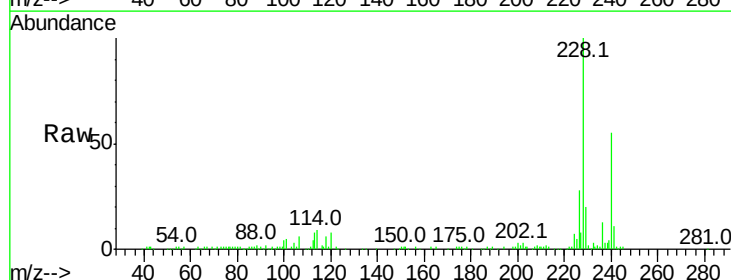
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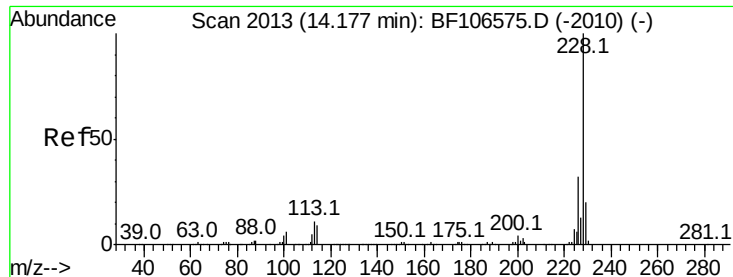
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#80
 Benzo(a)anthracene
 Concen: 7.537 ng
 RT: 14.12 min Scan# 2004
 Delta R.T. -0.03 min
 Lab File: BF107170.D
 Acq: 6 Jul 2018 14:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.3	15.8	23.6





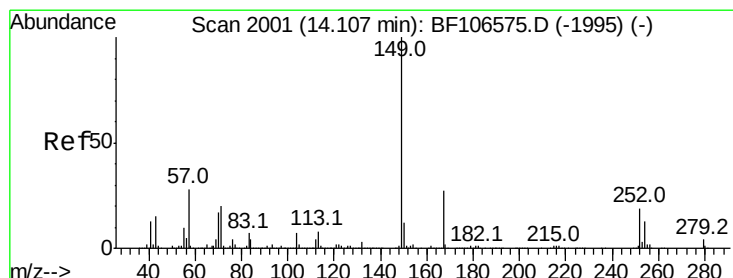
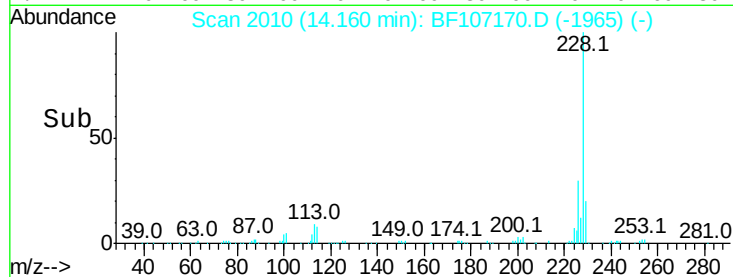
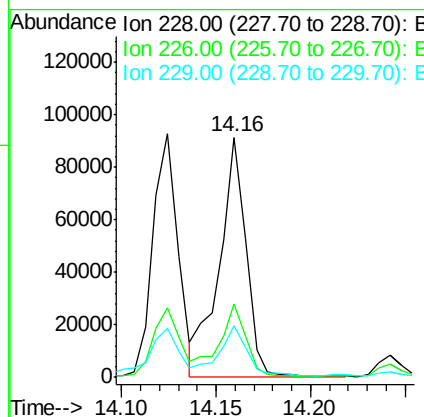
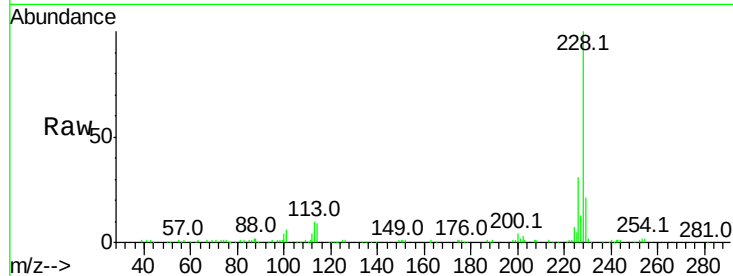
#82
 Chrysene
 Concen: 8.601 ng/mL
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.04 min
 Lab File: BF107170.D
 Acq: 6 Jul 2018 14:05

Instrument :
 BNA_F
 ClientSampleId :
 964

Tot Ion:	228	Resp:	91170
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.0	37.6
229	21.4	16.2	24.4

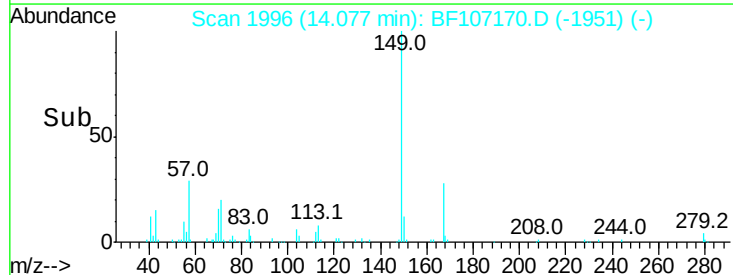
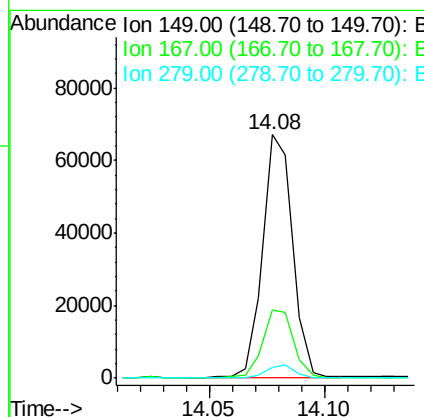
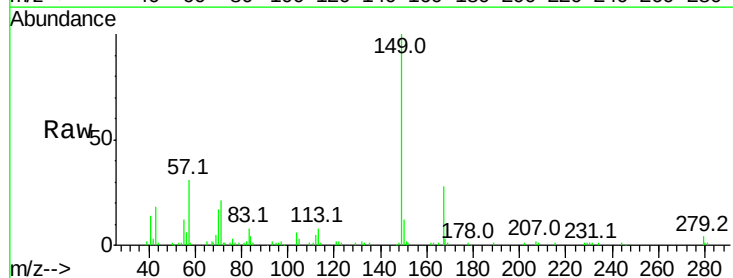
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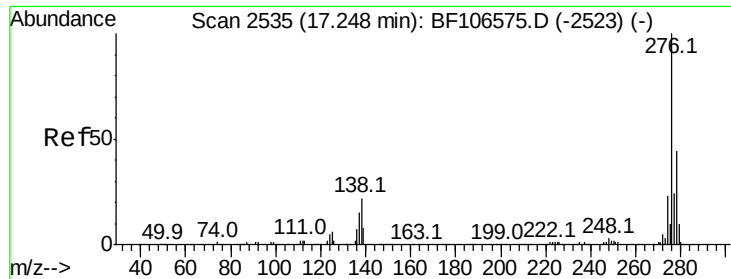
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 9.314 ng/mL
 RT: 14.08 min Scan# 1996
 Delta R.T. -0.04 min
 Lab File: BF107170.D
 Acq: 6 Jul 2018 14:05

Tgt Ion:	149	Resp:	61032
Ion Ratio	Lower	Upper	
149	100		
167	28.1	21.3	31.9
279	4.2	3.0	4.4





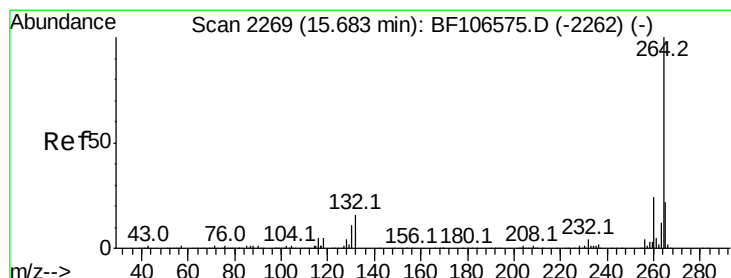
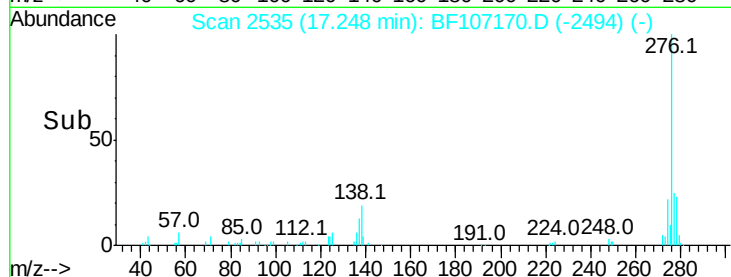
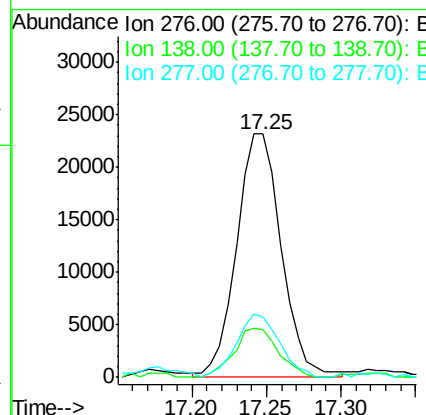
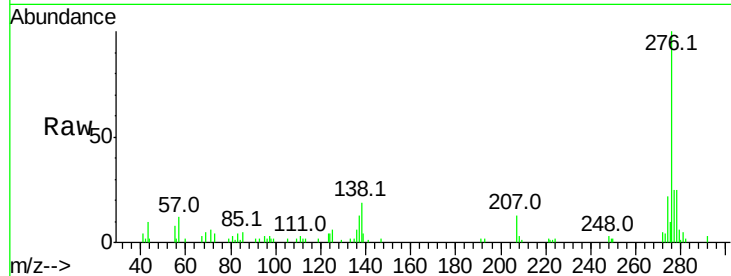
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.383 ng
 RT: 17.25 min Scan# 2535
 Delta R.T. -0.06 min
 Lab File: BF107170.D
 Acq: 6 Jul 2018 14:05

Instrument :
 BNA_F
 ClientSampleId :
 964

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	25.0	37.6#
277	24.9	20.1	30.1

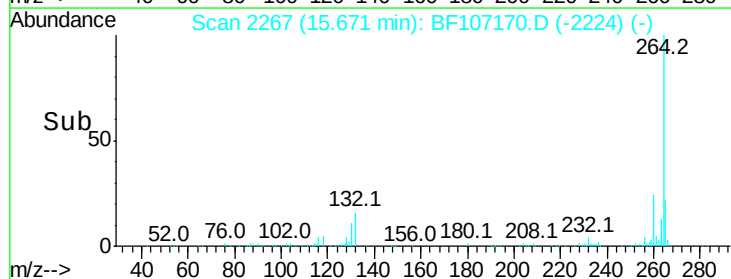
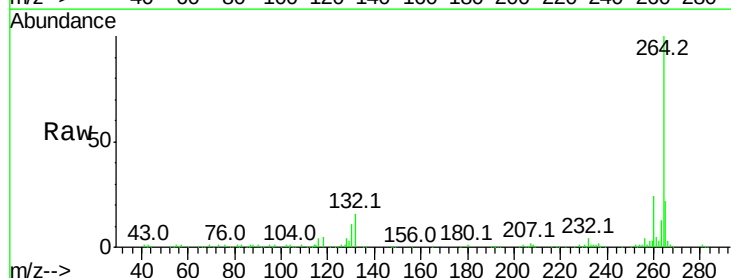
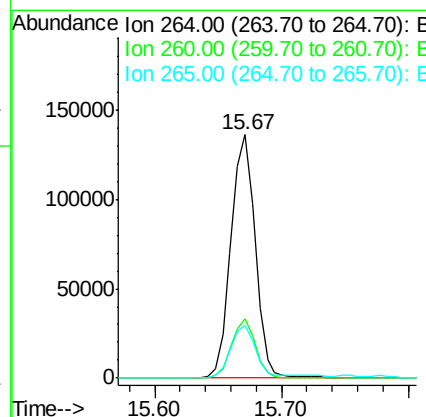
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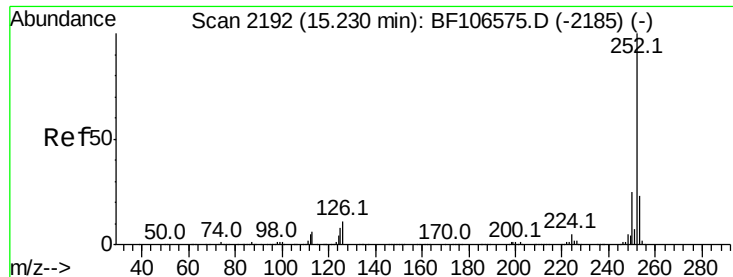
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF107170.D
 Acq: 6 Jul 2018 14:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.0	17.5	26.3





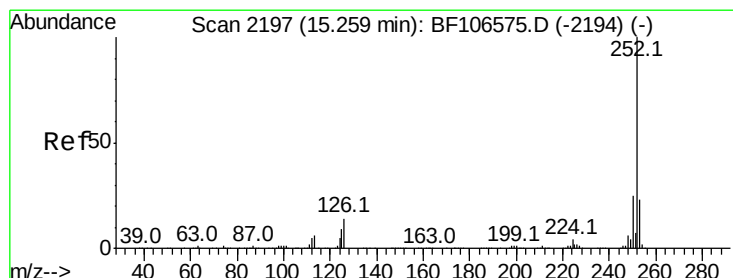
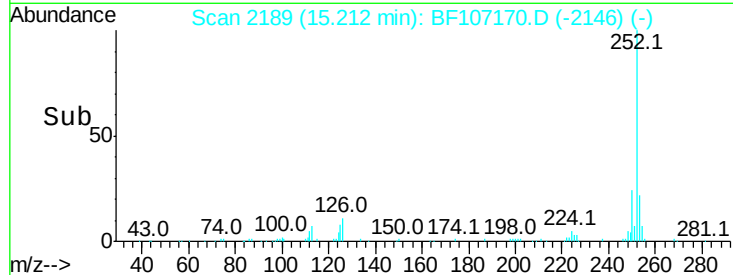
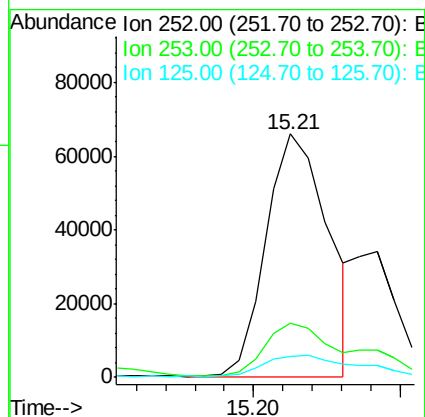
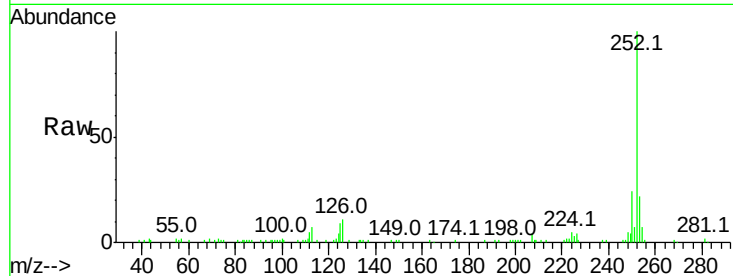
#87
Benzo(b)fluoranthene
Concen: 8.674 ng m
RT: 15.21 min Scan# 2189
Delta R.T. -0.05 min
Lab File: BF107170.D
Acq: 6 Jul 2018 14:05

Instrument :
BNA_F
ClientSampleId :
964

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	8.8	9.0	13.6#

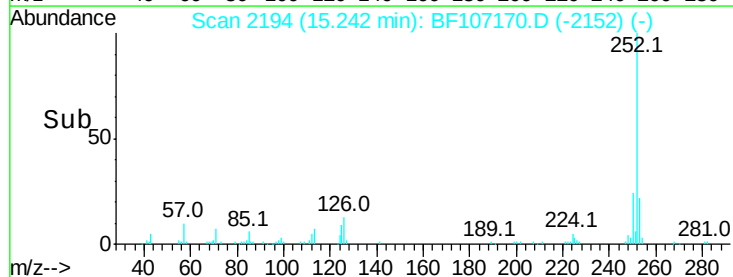
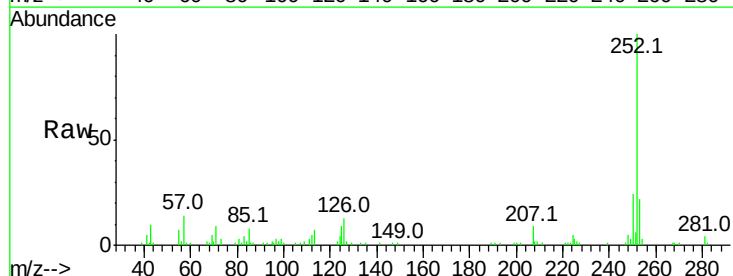
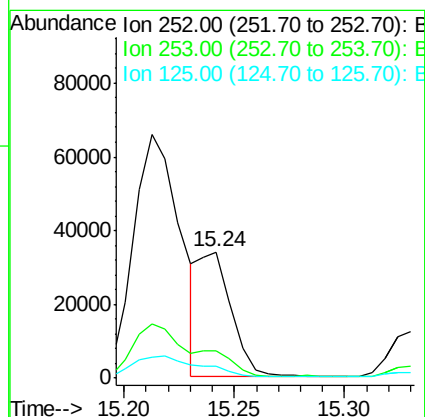
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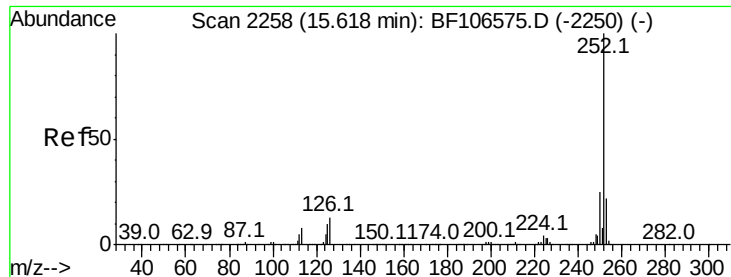
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#88
Benzo(k)fluoranthene
Concen: 3.234 ng m
RT: 15.24 min Scan# 2194
Delta R.T. -0.05 min
Lab File: BF107170.D
Acq: 6 Jul 2018 14:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	9.3	10.2	15.2#





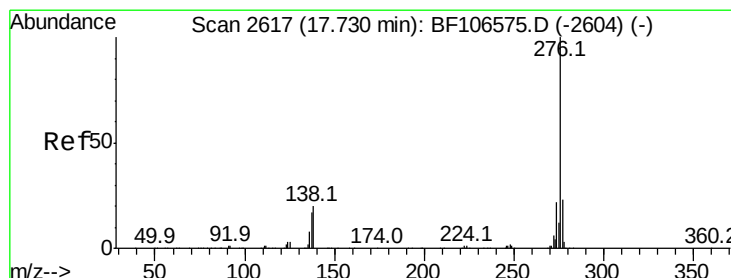
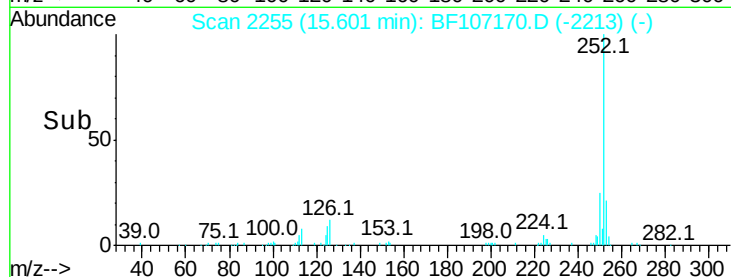
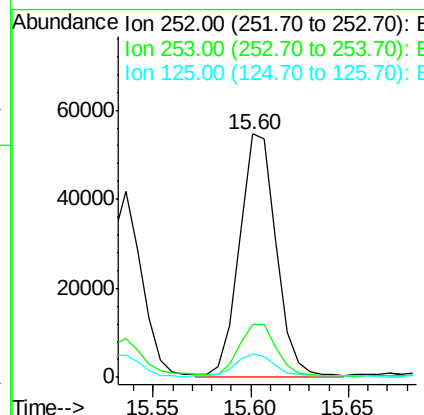
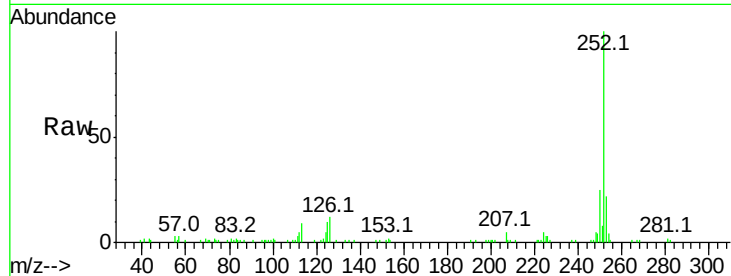
#89
Benzo(a)pyrene
Concen: 7.195 ng/ml
RT: 15.60 min Scan# 2258
Delta R.T. -0.05 min
Lab File: BF107170.D
Acq: 6 Jul 2018 14:05

Instrument :
BNA_F
ClientSampled :
964

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	9.7	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 5.452 ng/ml
RT: 17.73 min Scan# 2617
Delta R.T. -0.06 min
Lab File: BF107170.D
Acq: 6 Jul 2018 14:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	20.1	21.8	32.8

