

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
 Data File : BF107184.D
 Acq On : 6 Jul 2018 20:20
 Operator : JU/SJ
 Sample : J3868-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-S

Manual Integrations
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Quant Time: Jul 06 23:26:00 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	60108	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	225454	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	98036	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	162101	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	176589	20.00	ng	-0.03
86) Perylene-d12	15.67	264	134034	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	324197	91.33	ng	-0.01
7) Phenol-d6	6.59	99	408134	92.07	ng	-0.02
23) Nitrobenzene-d5	7.51	82	252713	62.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	92129	81.08	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	455382	77.28	ng	-0.02
78) Terphenyl-d14	13.06	244	444675	61.00	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.70	163	145543	19.794	ng	99
74) Fluoranthene	12.70	202	48472	5.625	ng	96
77) Pyrene	12.93	202	59003	5.067	ng	99
80) Benzo(a)anthracene	14.12	228	49467	4.596	ng	97
82) Chrysene	14.16	228	46752	4.722	ng	96
85) Indeno(1,2,3-cd)pyrene	17.24	276	39158	4.660	ng	# 88
87) Benzo(b)fluoranthene	15.21	252	83779m	10.062	ng	
88) Benzo(k)fluoranthene	15.24	252	21281m	2.684	ng	
89) Benzo(a)pyrene	15.60	252	57760m	7.804	ng	
91) Benzo(g,h,i)perylene	17.72	276	40841m	6.661	ng	

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

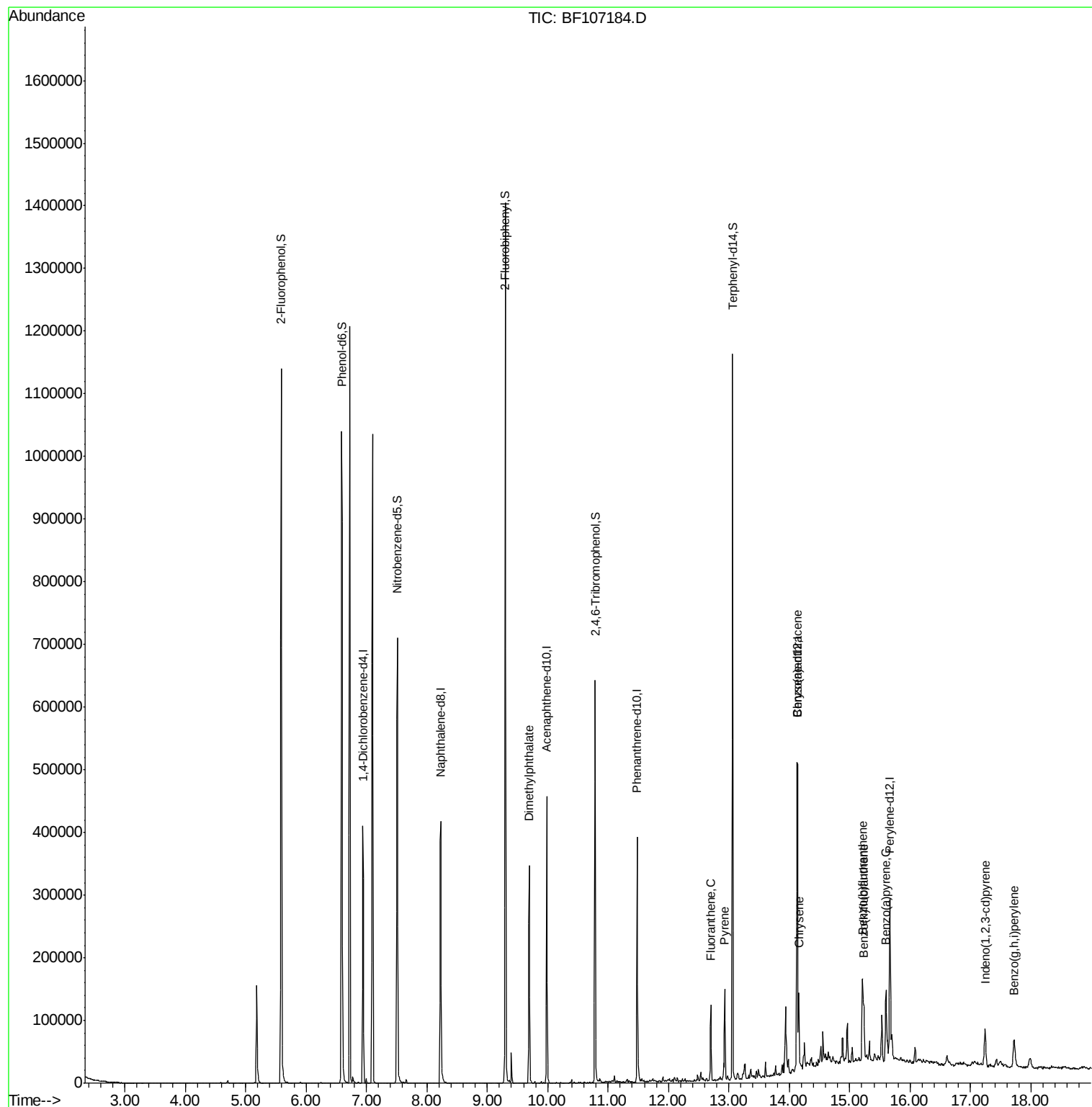
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107184.D
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Misc :
ALS Vial : 19 Sample Multiplier: 1

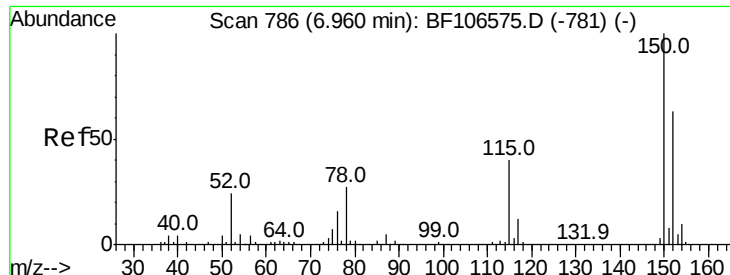
Instrument :
BNA_F
ClientSampleId :
TP-7-S

Quant Time: Jul 06 23:26:00 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

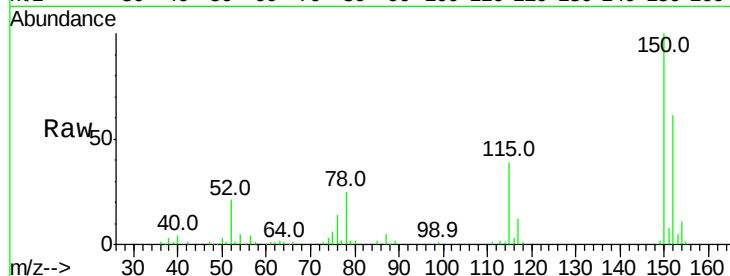
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107184.D
Acq: 6 Jul 2018 20:20

Instrument :
BNA_F
ClientSampled :
TP-7-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.9	124.6	186.8
115	63.7	50.1	75.1

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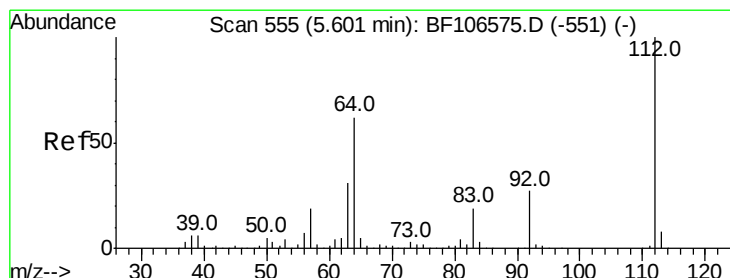
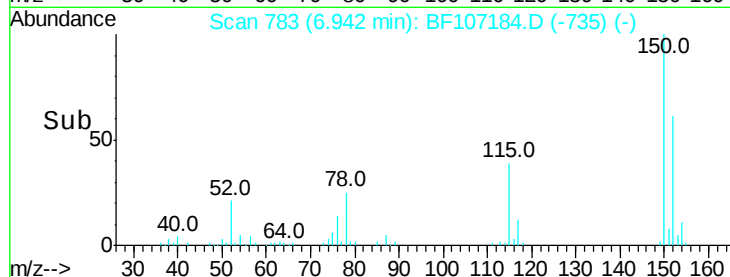
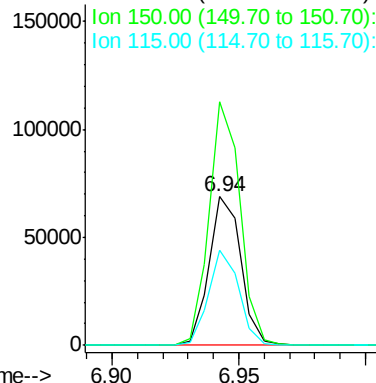


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

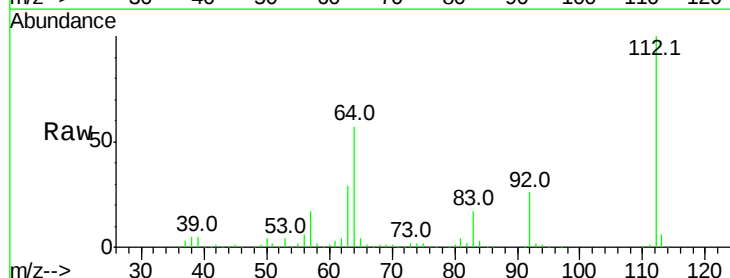
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.330 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107184.D
Acq: 6 Jul 2018 20:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.9	71.9
63	28.9	23.7	35.5

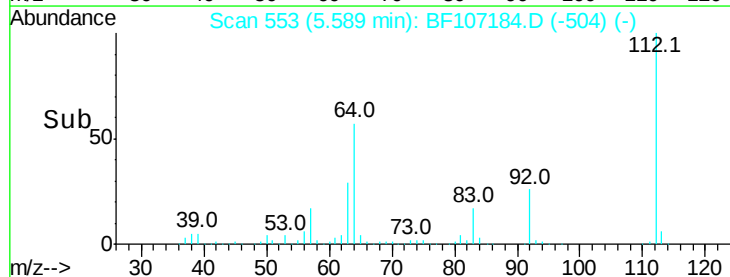
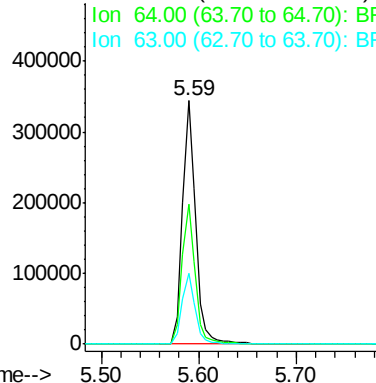


Abundance

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: 92.069 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107184.D

Acq: 6 Jul 2018 20:20

Instrument :

BNA_F

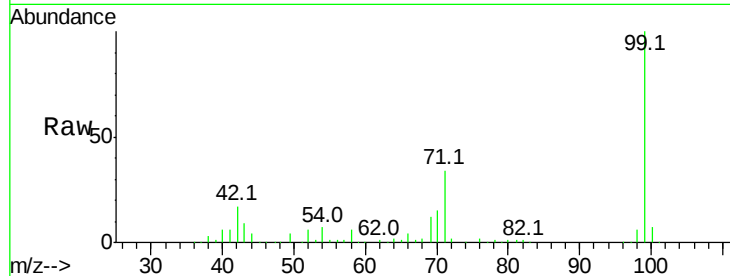
ClientSampled :

TP-7-S

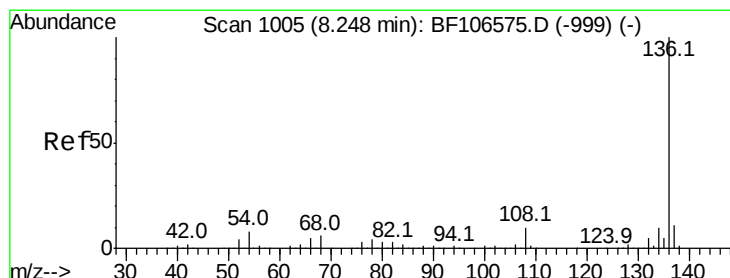
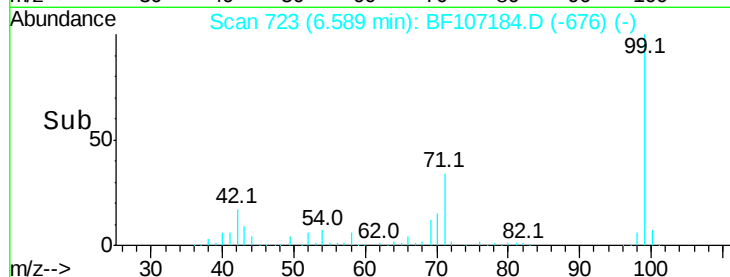
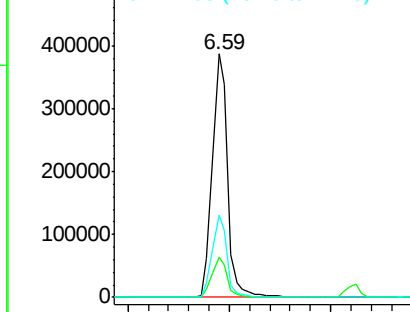
Tot Ion:	99	Resp:	408134
Ion Ratio	Lower	Upper	
99	100		
42	16.7	14.5	21.7
71	34.0	25.4	38.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1002

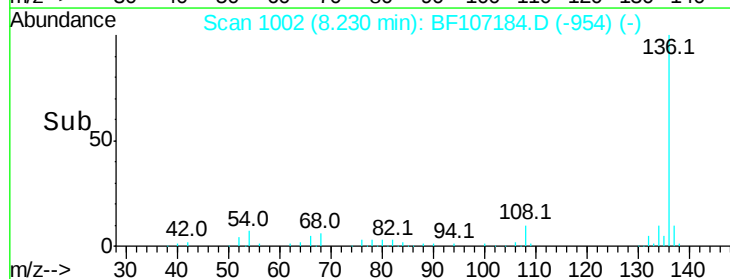
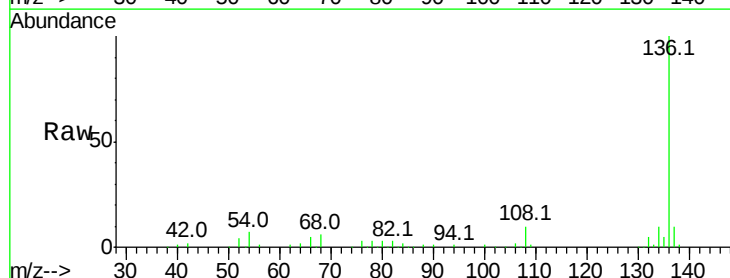
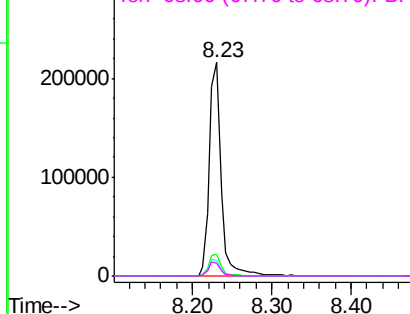
Delta R.T. -0.02 min

Lab File: BF107184.D

Acq: 6 Jul 2018 20:20

Tgt Ion:	136	Resp:	225454
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.9	13.3
54	7.3	6.6	9.8
68	5.8	5.0	7.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





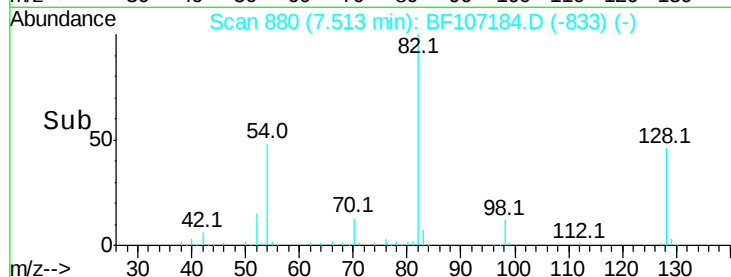
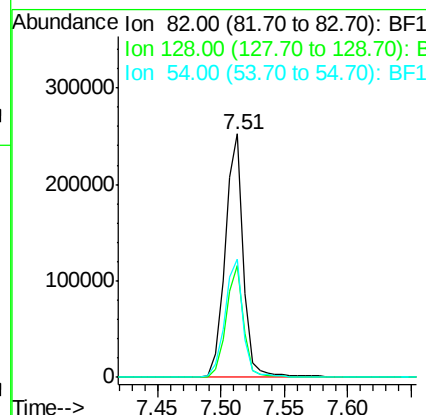
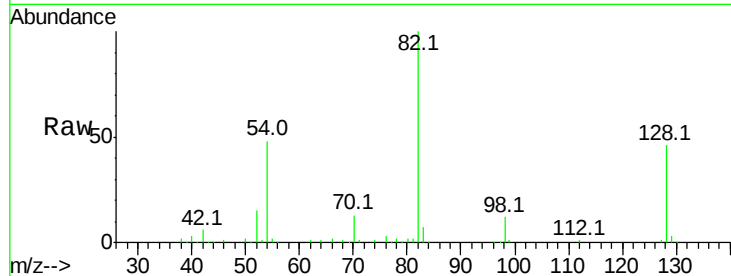
#23
 Nitrobenzene-d5
 Concen: 62.293 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107184.D
 Acq: 6 Jul 2018 20:20

Instrument :
 BNA_F
 ClientSampled :
 TP-7-S

Tot Ion:	82	Resp:	252713
Ion Ratio	Lower	Upper	
82	100		
128	46.2	36.1	54.1
54	48.4	41.4	62.2

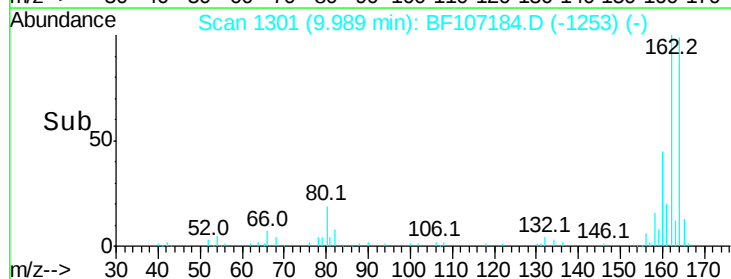
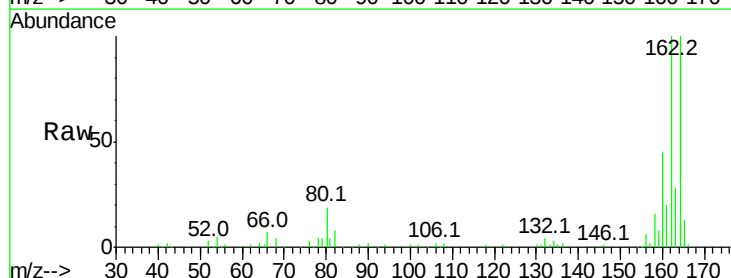
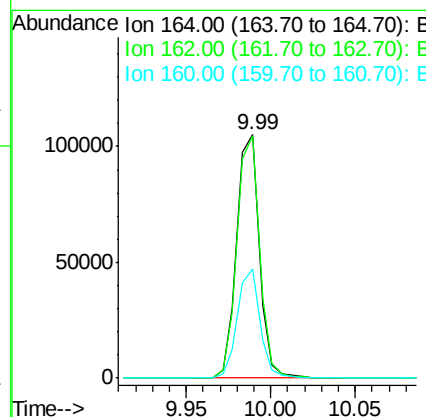
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107184.D
 Acq: 6 Jul 2018 20:20

Tgt Ion:	164	Resp:	98036
Ion Ratio	Lower	Upper	
164	100		
162	99.5	86.1	129.1
160	45.0	38.3	57.5





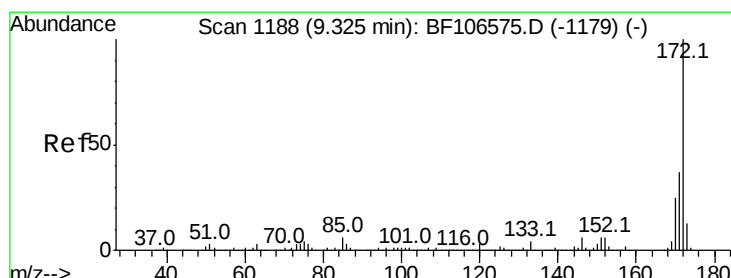
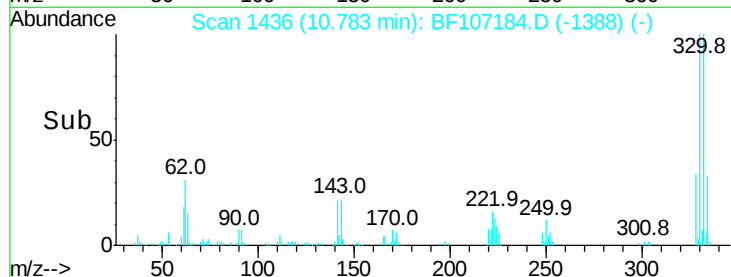
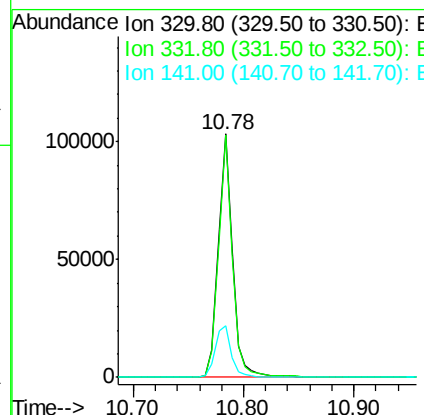
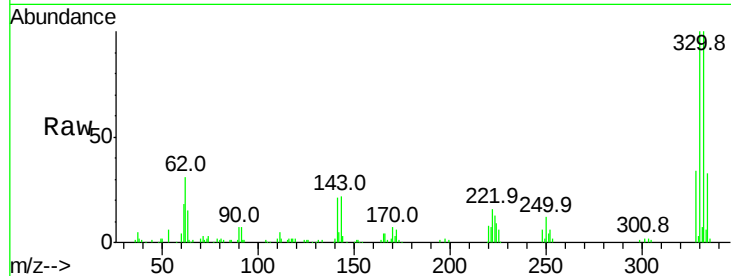
#41
 2,4,6-Tribromophenol
 Concen: 81.081 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107184.D
 Acq: 6 Jul 2018 20:20

Instrument :
 BNA_F
 ClientSampled :
 TP-7-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	23.4	29.9	44.9#

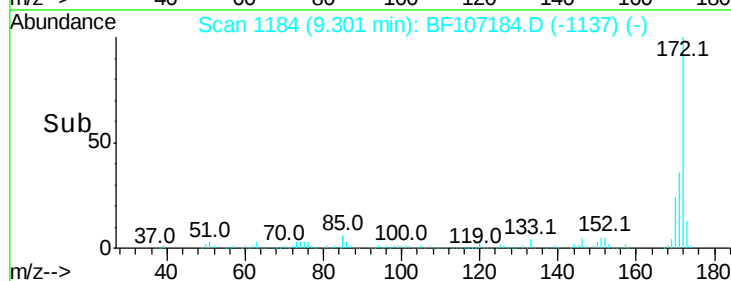
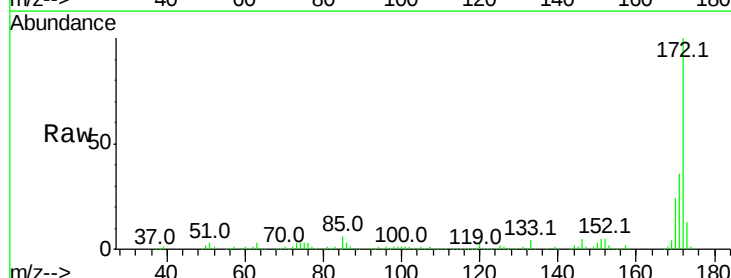
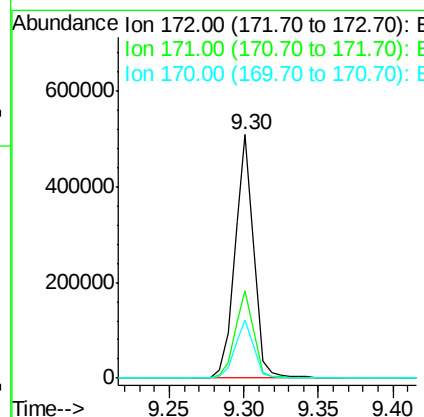
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#44
 2-Fluorobiphenyl
 Concen: 77.284 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107184.D
 Acq: 6 Jul 2018 20:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.9	19.6	29.4





#49

Dimethylphthalate

Concen: 19.794 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107184.D

Acq: 6 Jul 2018 20:20

Instrument :

BNA_F

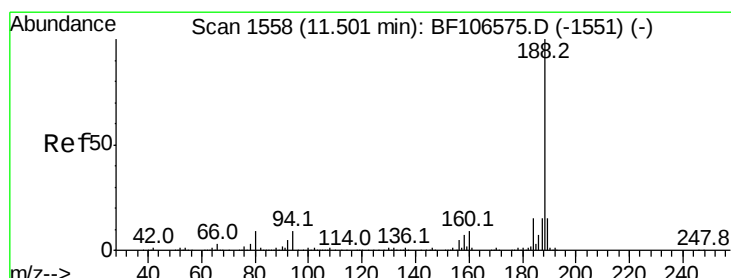
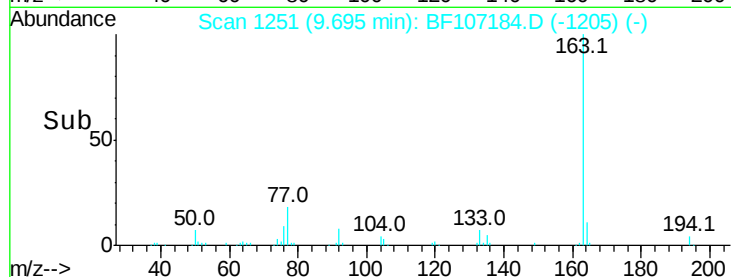
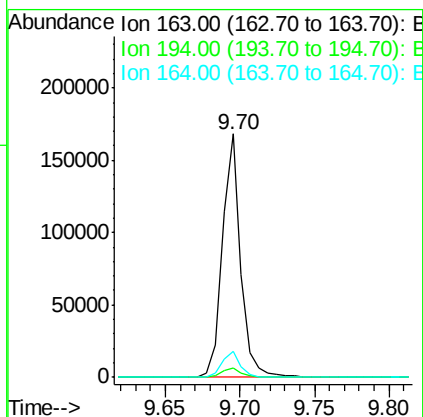
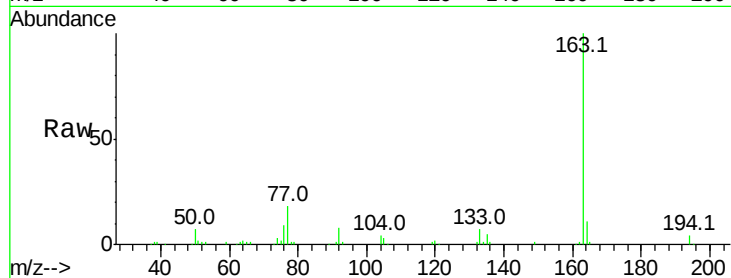
ClientSampled :

TP-7-S

Tot Ion:	163	Resp:	145543
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.7	4.1
164	10.7	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

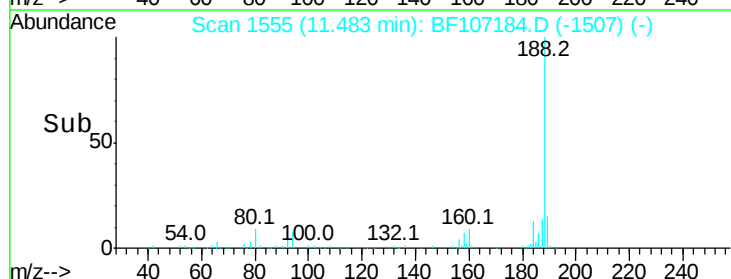
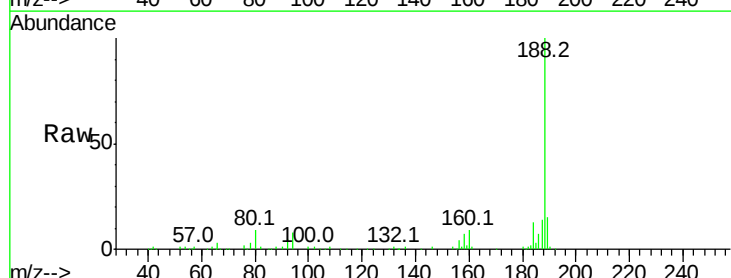
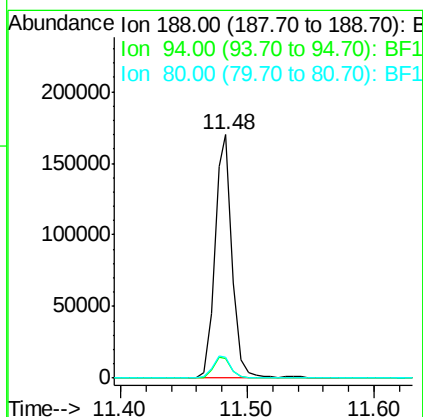
RT: 11.48 min Scan# 1555

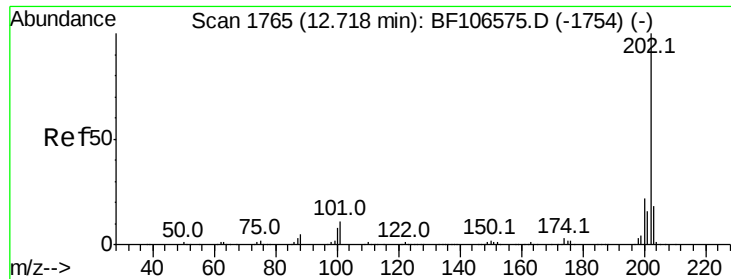
Delta R.T. -0.02 min

Lab File: BF107184.D

Acq: 6 Jul 2018 20:20

Tgt Ion:	188	Resp:	162101
Ion Ratio	Lower	Upper	
188	100		
94	8.3	8.5	12.7#
80	8.8	9.2	13.8#





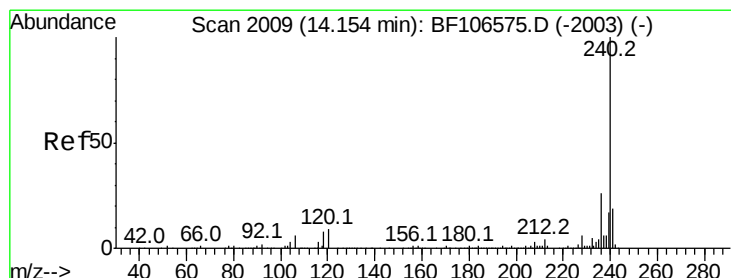
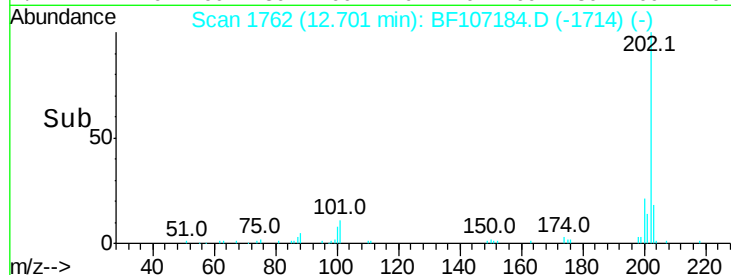
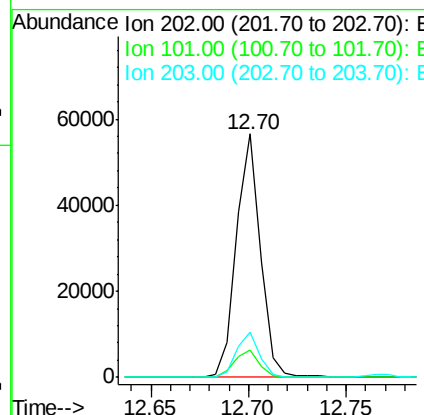
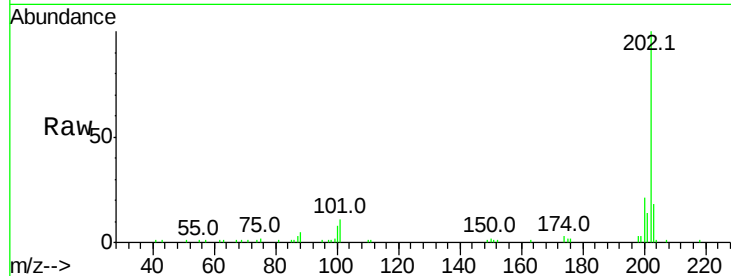
#74
 Fluoranthene
 Concen: 5.625 ng
 RT: 12.70 min Scan# 1762
 Delta R.T. -0.02 min
 Lab File: BF107184.D
 Acq: 6 Jul 2018 20:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-S

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	0.0	34.1
203	18.5	0.0	38.1

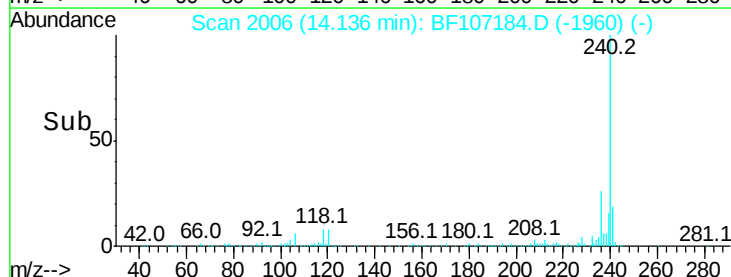
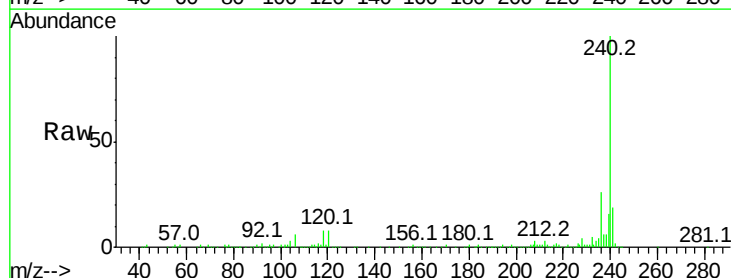
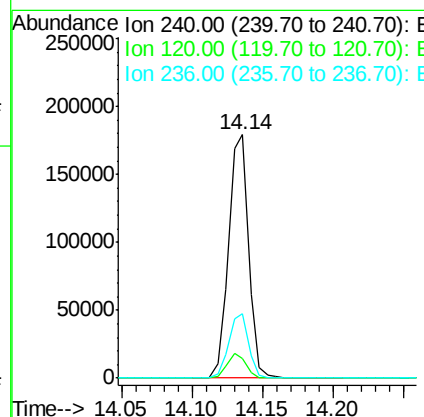
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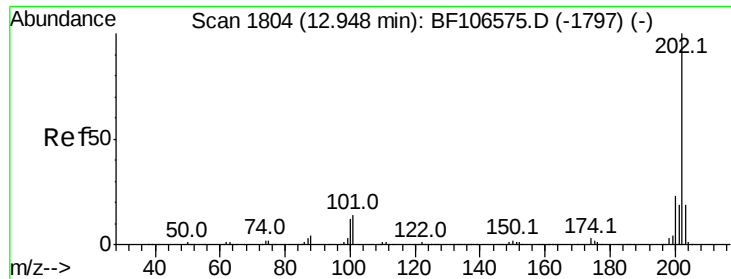
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.03 min
 Lab File: BF107184.D
 Acq: 6 Jul 2018 20:20

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.2	9.5	14.3#
236	26.3	20.7	31.1





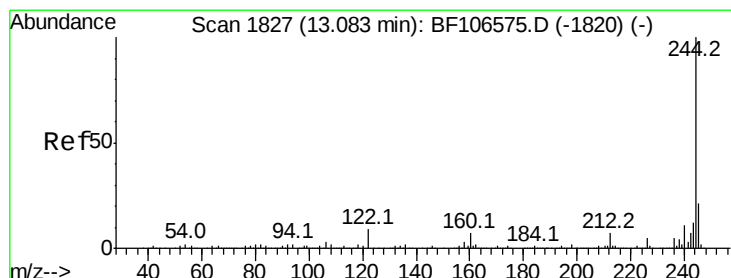
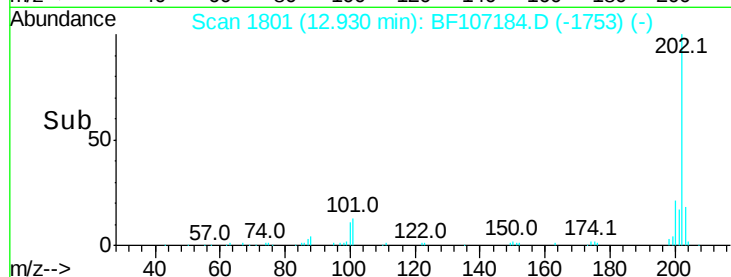
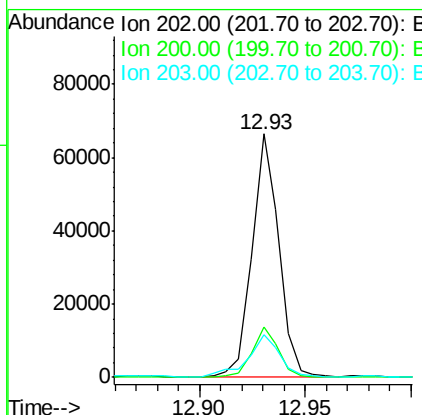
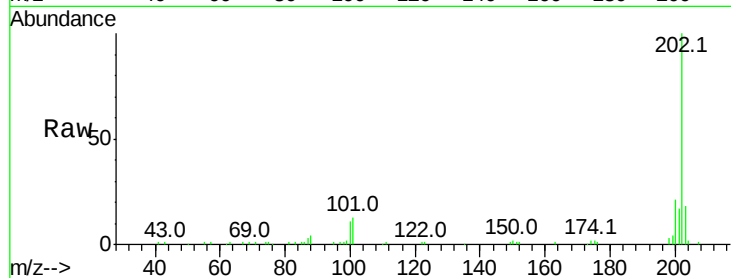
#77
Pvrene
Concen: 5.067 ng
RT: 12.93 min Scan# 1801
Delta R.T. -0.02 min
Lab File: BF107184.D
Acq: 6 Jul 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-7-S

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.7	14.3	21.5

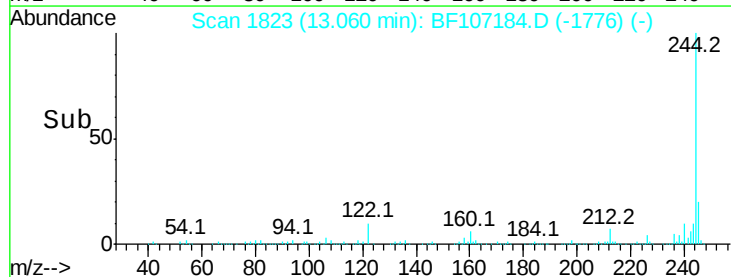
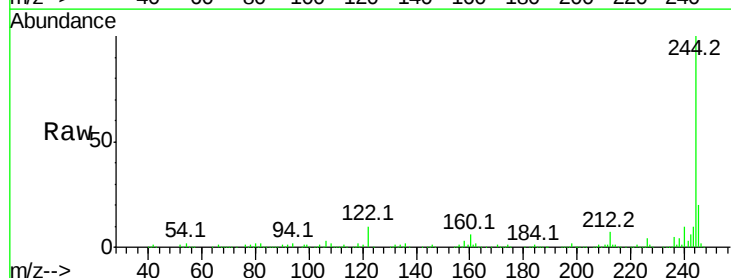
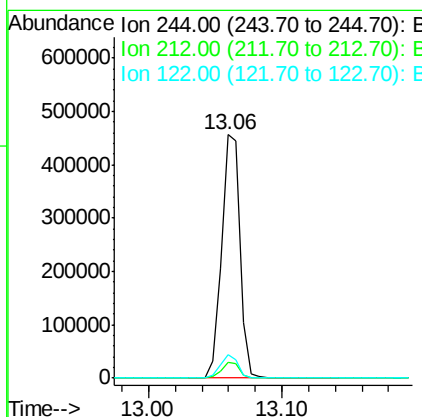
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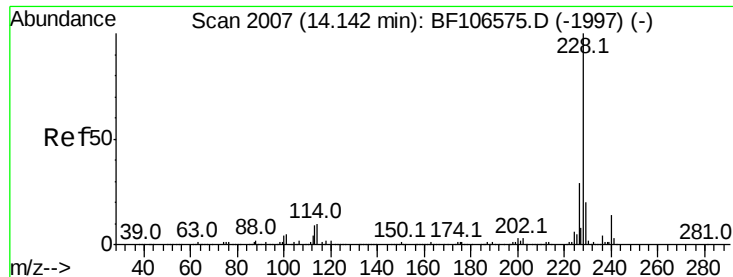
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#78
Terphenyl-d14
Concen: 60.997 ng
RT: 13.06 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF107184.D
Acq: 6 Jul 2018 20:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.8	11.0	16.4#





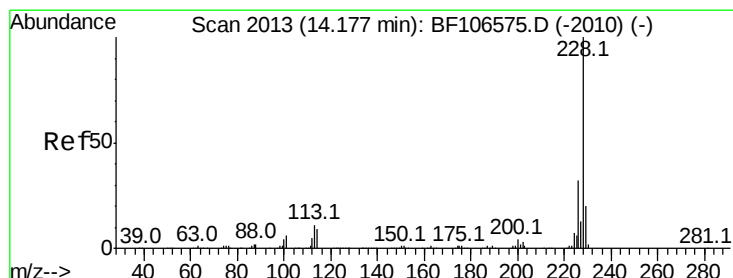
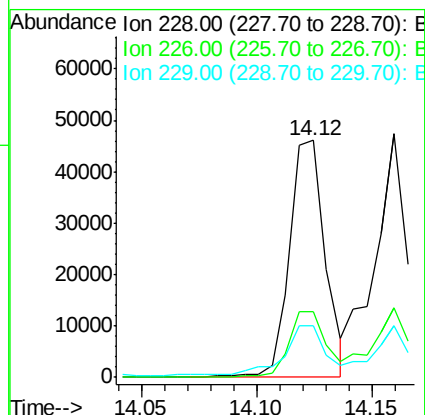
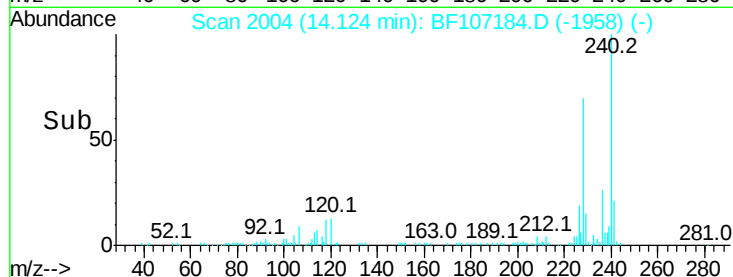
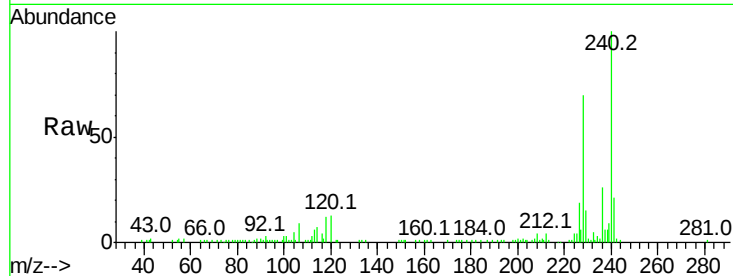
#80
Benzo(a)anthracene
Concen: 4.596 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BF107184.D
Acq: 6 Jul 2018 20:20

Instrument :
BNA_F
ClientSampled :
TP-7-S

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	21.9	15.8	23.6

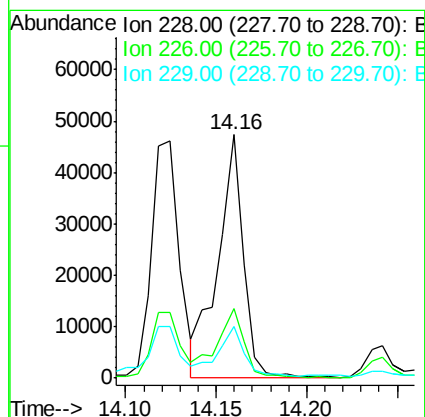
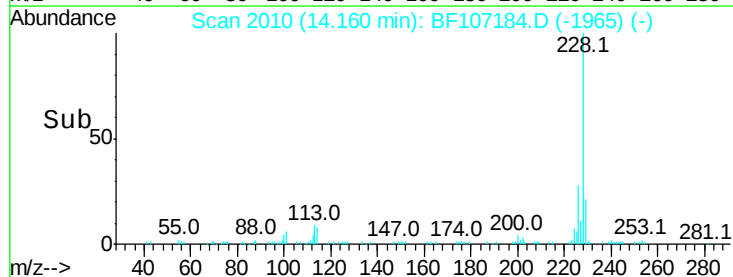
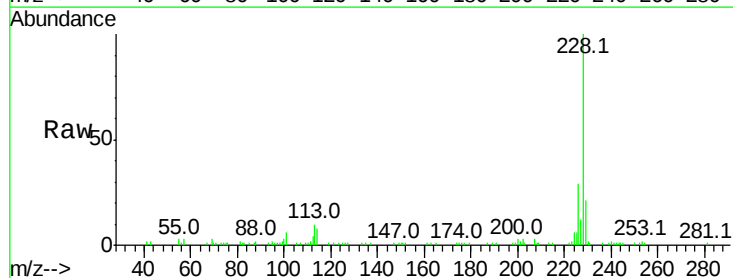
Manual Integrations
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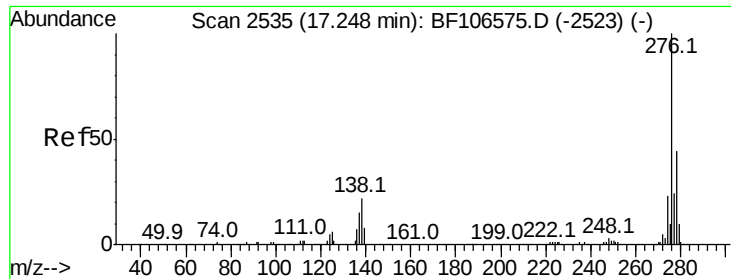
Sohil
7/9/2018 1:58:38 PM



#82
Chrysene
Concen: 4.722 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.04 min
Lab File: BF107184.D
Acq: 6 Jul 2018 20:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.0	37.6
229	21.4	16.2	24.4





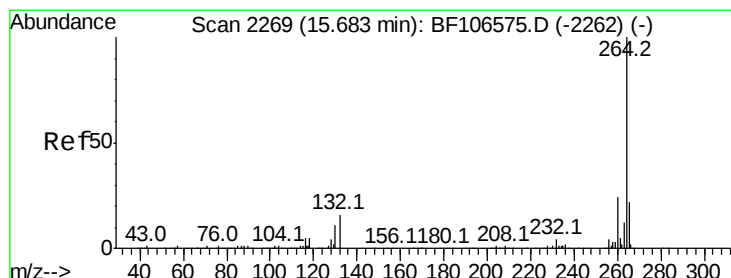
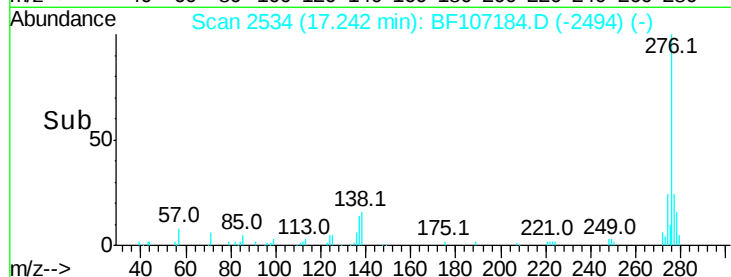
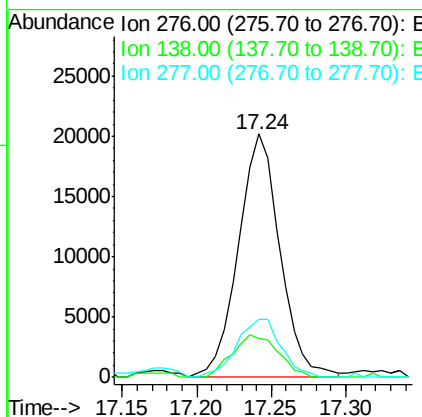
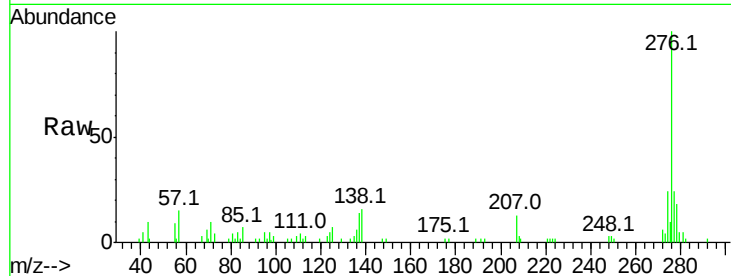
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.660 ng
RT: 17.24 min Scan# 2534
Delta R.T. -0.06 min
Lab File: BF107184.D
Acq: 6 Jul 2018 20:20

Instrument :
BNA_F
ClientSampled :
TP-7-S

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.4	25.0	37.6#
277	25.5	20.1	30.1

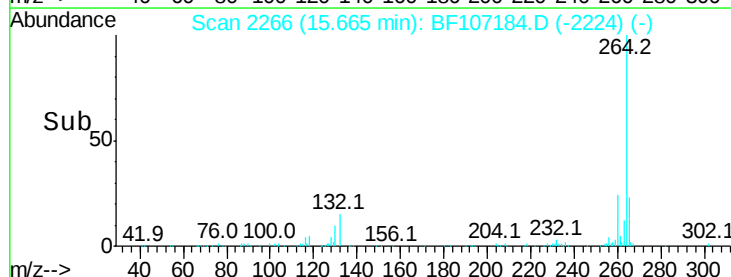
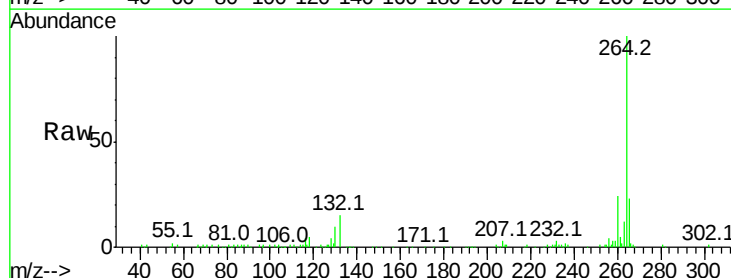
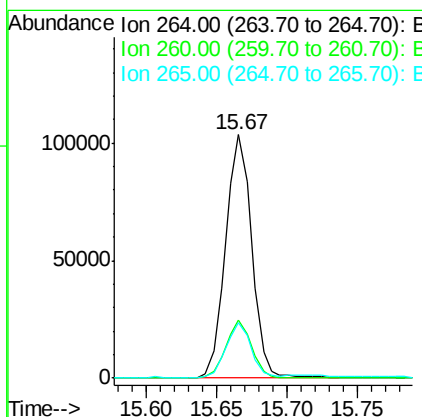
Manual Integrations
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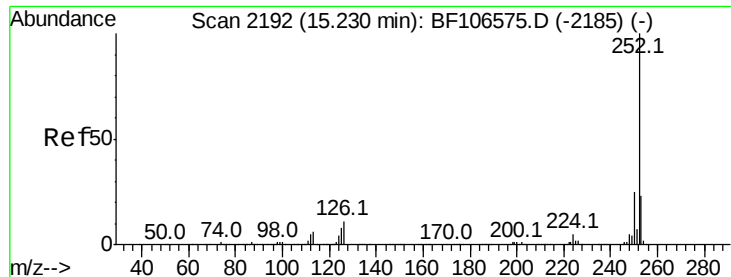
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2266
Delta R.T. -0.05 min
Lab File: BF107184.D
Acq: 6 Jul 2018 20:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 10.062 ng m

RT: 15.21 min Scan# 2188

Delta R.T. -0.05 min

Lab File: BF107184.D

Acq: 6 Jul 2018 20:20

Instrument :

BNA_F

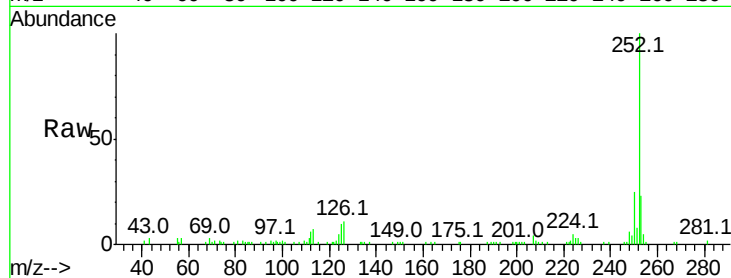
ClientSampleId :

TP-7-S

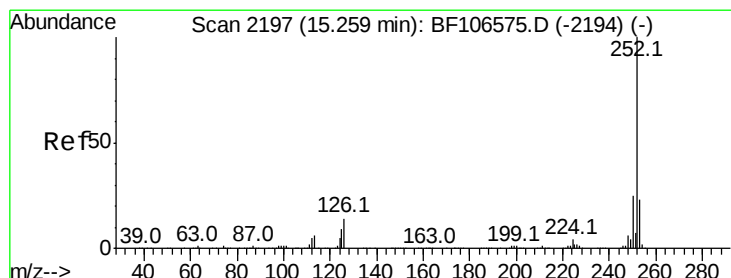
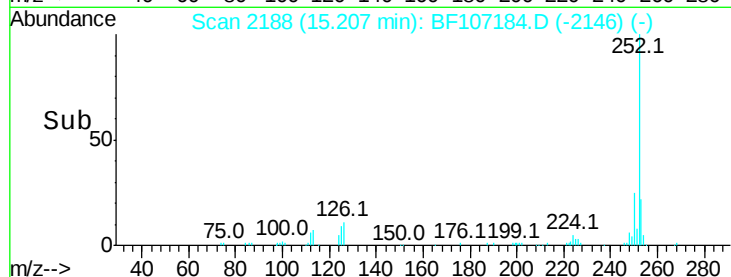
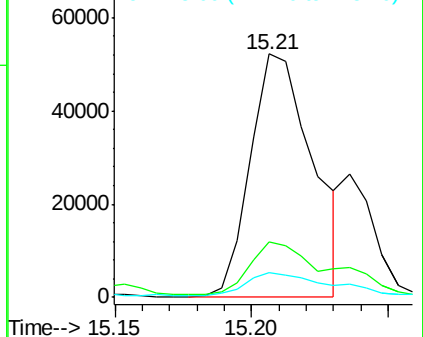
Tot Ion:	252	Resp:	83779
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.0	25.6
125	9.9	9.0	13.6

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.684 ng m

RT: 15.24 min Scan# 2193

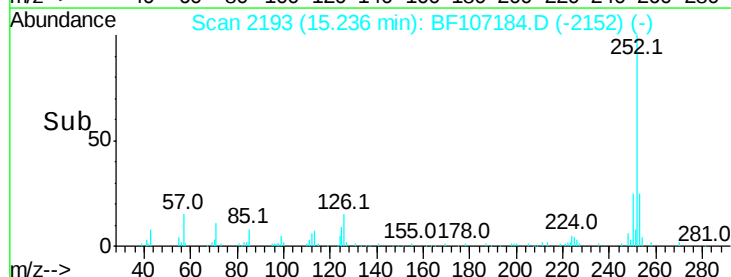
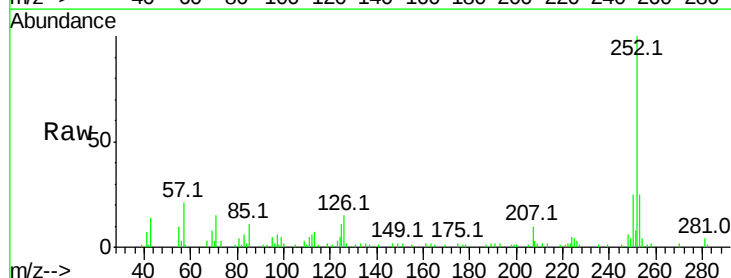
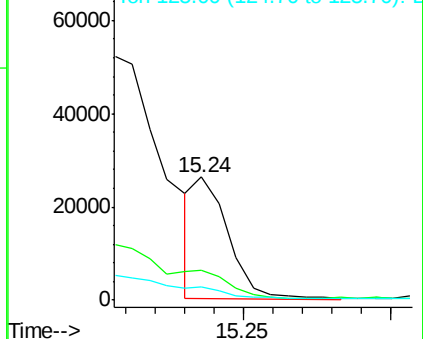
Delta R.T. -0.06 min

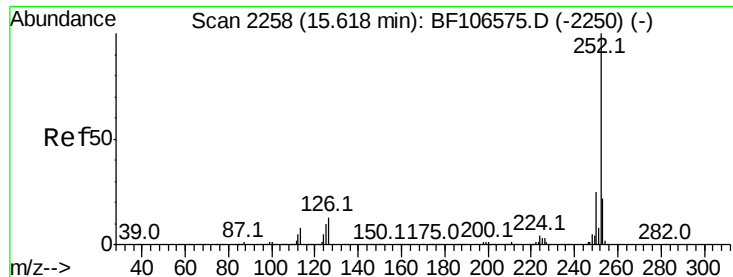
Lab File: BF107184.D

Acq: 6 Jul 2018 20:20

Tgt Ion:	252	Resp:	21281
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.9	26.9
125	10.8	10.2	15.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





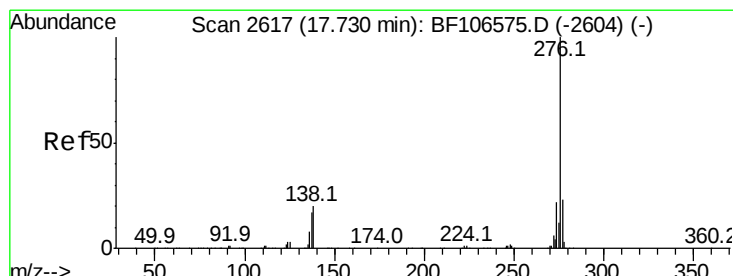
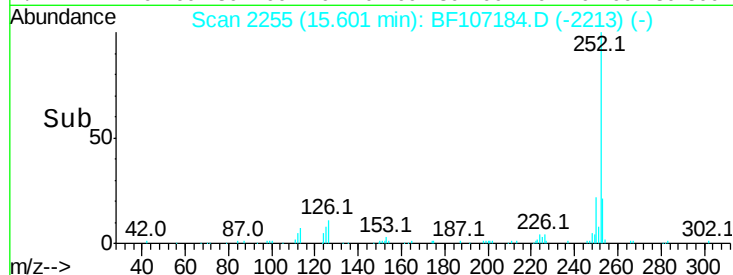
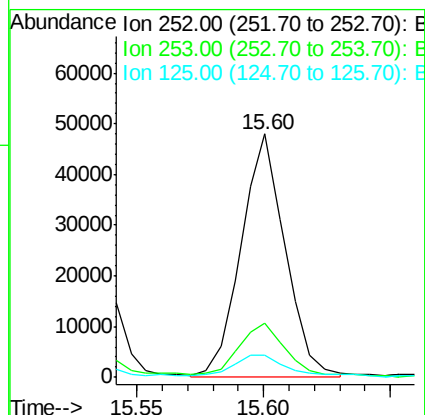
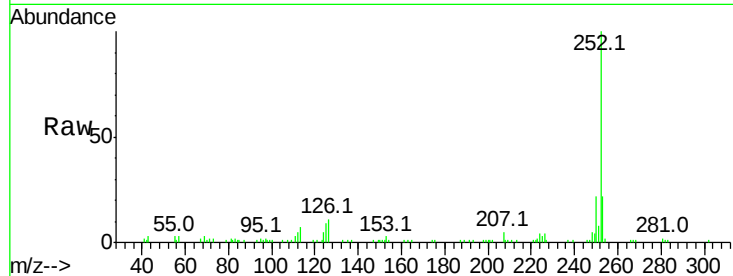
#89
Benzo(a)pyrene
Concen: 7.804 ng m
RT: 15.60 min Scan# 2258
Delta R.T. -0.05 min
Lab File: BF107184.D
Acq: 6 Jul 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-7-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	9.1	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 6.661 ng m
RT: 17.72 min Scan# 2616
Delta R.T. -0.06 min
Lab File: BF107184.D
Acq: 6 Jul 2018 20:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	17.9	26.9
138	21.0	21.8	32.8

