

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
 Data File : BF107275.D
 Acq On : 10 Jul 2018 16:22
 Operator : JU/SJ
 Sample : J3897-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-A

Manual Integrations
 APPROVED

Sohil
 7/11/2018 11:22:48 AM

Quant Time: Jul 11 08:24:44 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	40348	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	138624	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	64721	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	135320	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	129175	20.00	ng	-0.02
86) Perylene-d12	15.68	264	96544	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	229124	96.16	ng	-0.01
7) Phenol-d6	6.59	99	267958	90.05	ng	-0.02
23) Nitrobenzene-d5	7.51	82	158244	63.44	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	76625	102.15	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	286880	72.93	ng	-0.03
78) Terphenyl-d14	13.07	244	394128	73.91	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.69	163	41874	8.626	ng	99
70) Phenanthrene	11.51	178	59003	9.040	ng	96
71) Anthracene	11.55	178	13591	2.040	ng	97
74) Fluoranthene	12.70	202	135858	18.885	ng	97
77) Pyrene	12.94	202	122465	14.377	ng	98
79) Butylbenzylphthalate	13.53	149	9468	2.703	ng	# 92
80) Benzo(a)anthracene	14.13	228	65492	8.319	ng	99
82) Chrysene	14.17	228	64836m	8.952	ng	
85) Indeno(1,2,3-cd)pyrene	17.27	276	24898	4.051	ng	# 93
87) Benzo(b)fluoranthene	15.22	252	67174m	11.201	ng	
88) Benzo(k)fluoranthene	15.25	252	22571m	3.952	ng	
89) Benzo(a)pyrene	15.62	252	41293	7.745	ng	97
91) Benzo(a,h,i)perylene	17.76	276	25243	5.716	ng	# 87

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

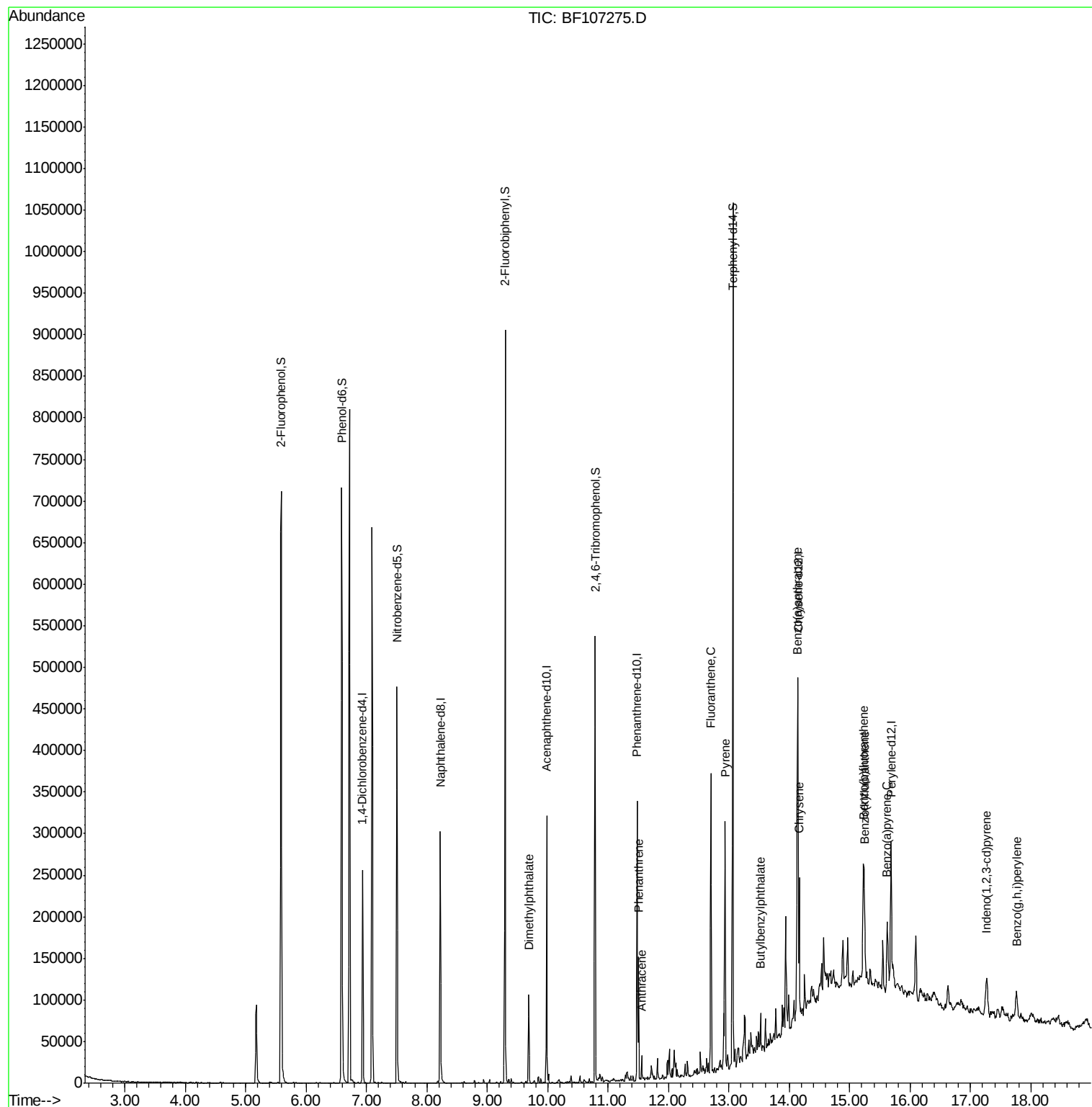
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107275.D
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Operator : JU/SJ
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#1

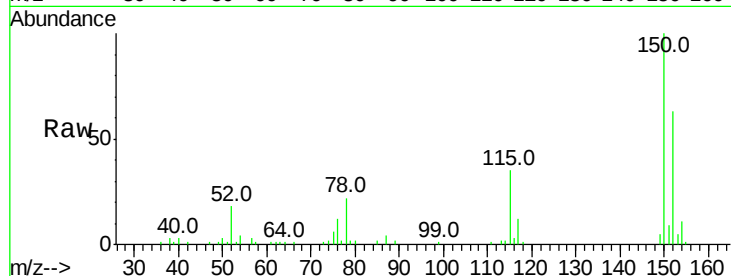
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107275.D
Acq: 10 Jul 2018 16:22

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	55.8	50.1	75.1

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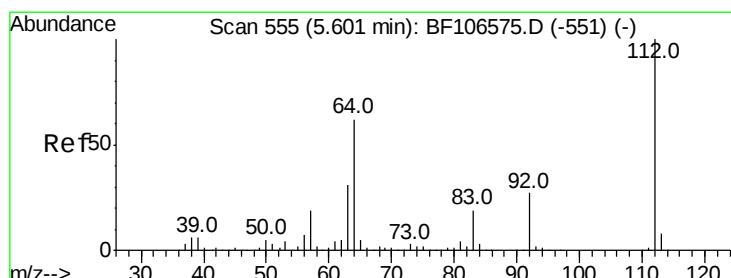
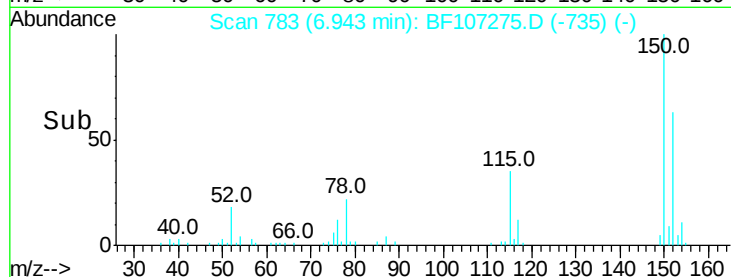
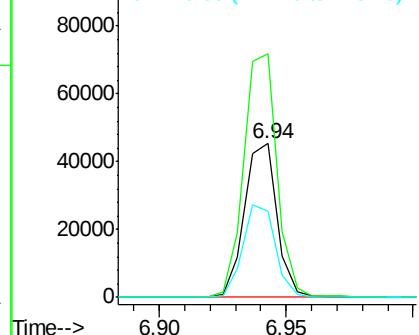


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

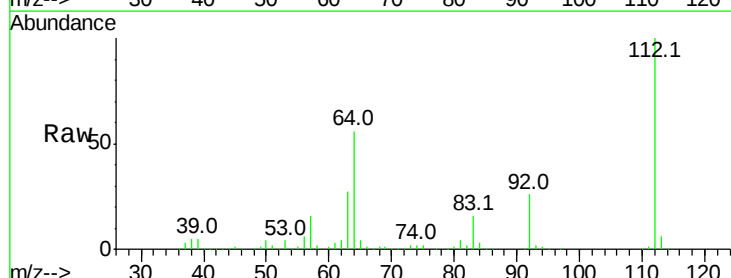
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.158 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107275.D
Acq: 10 Jul 2018 16:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.9	71.9
63	27.2	23.7	35.5

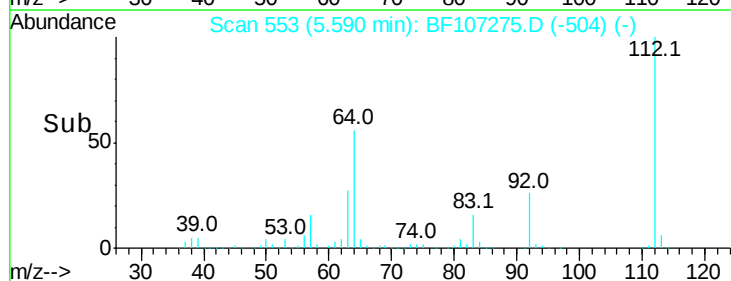
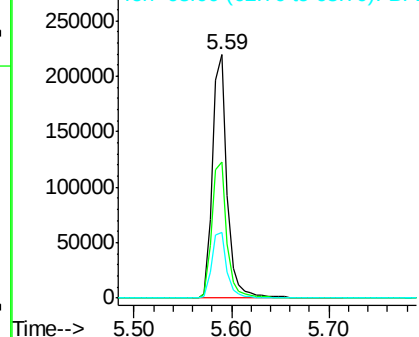


Abundance

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: 90.051 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107275.D

Acq: 10 Jul 2018 16:22

Instrument :

BNA_F

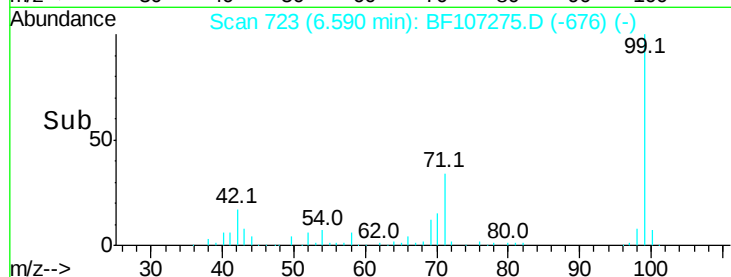
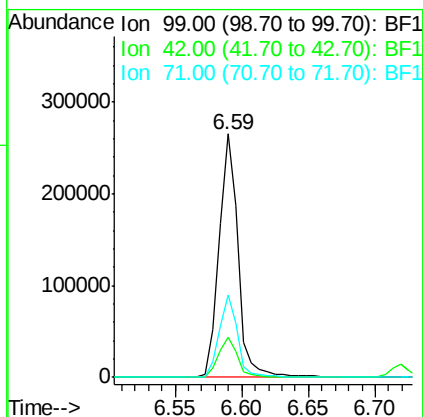
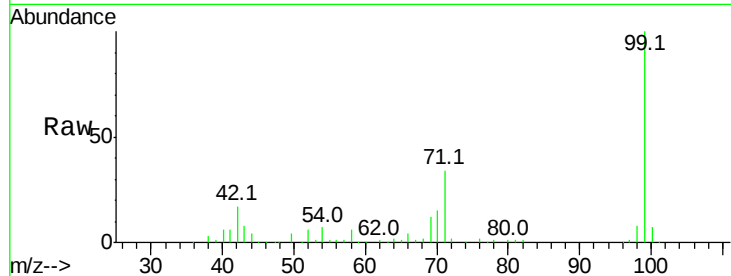
ClientSampleId :

STOCK-PILE-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		267958		
42	16.5	14.5	21.7		
71	33.6	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

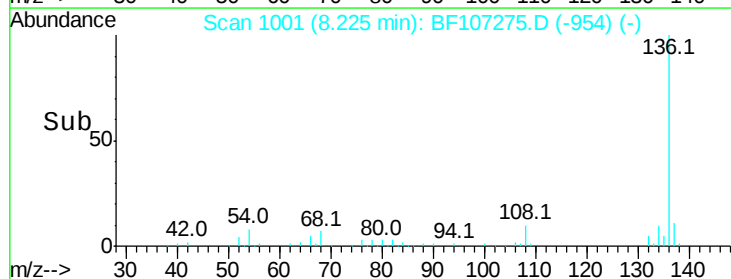
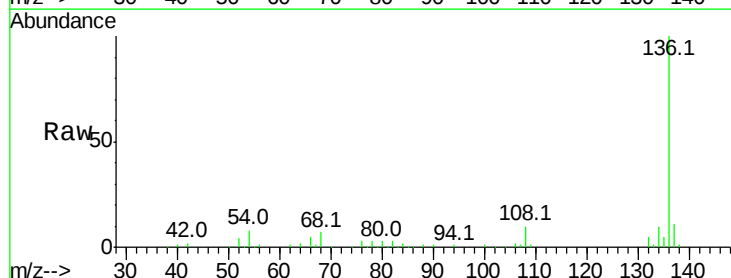
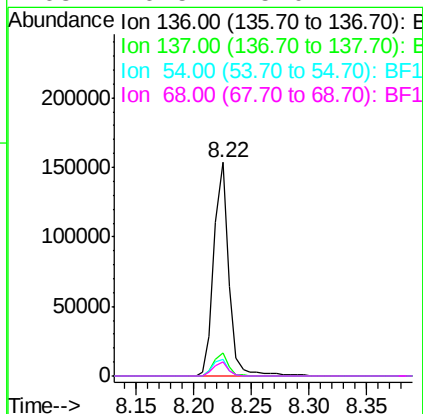
RT: 8.22 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF107275.D

Acq: 10 Jul 2018 16:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		138624		
137	10.9	8.9	13.3		
54	7.6	6.6	9.8		
68	6.5	5.0	7.4		





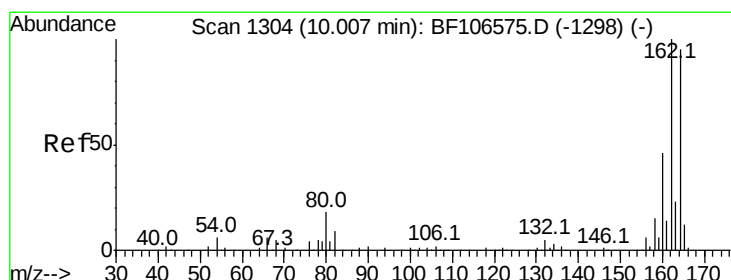
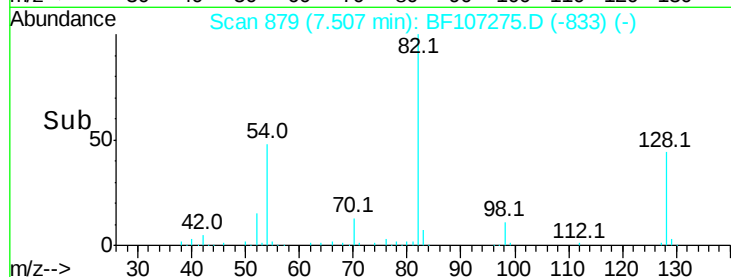
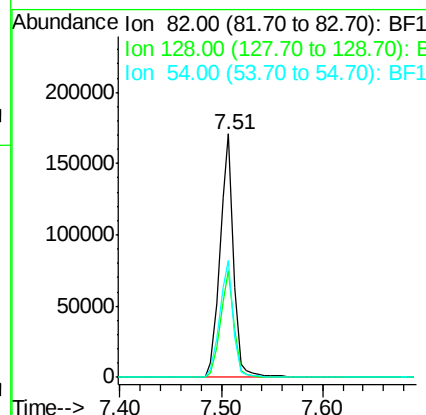
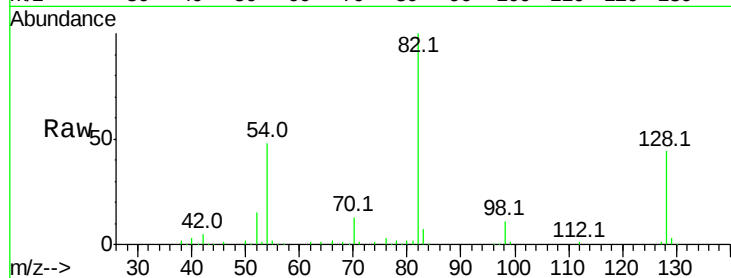
#23
 Nitrobenzene-d5
 Concen: 63.439 ng
 RT: 7.51 min Scan# 879
 Delta R.T. -0.03 min
 Lab File: BF107275.D
 Acq: 10 Jul 2018 16:22

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	47.8	41.4	62.2

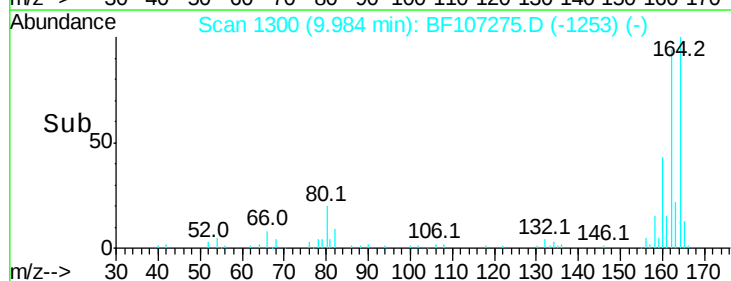
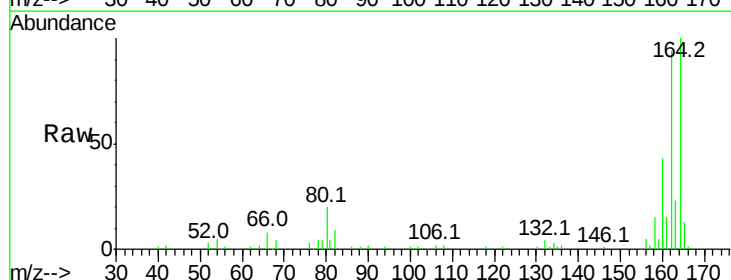
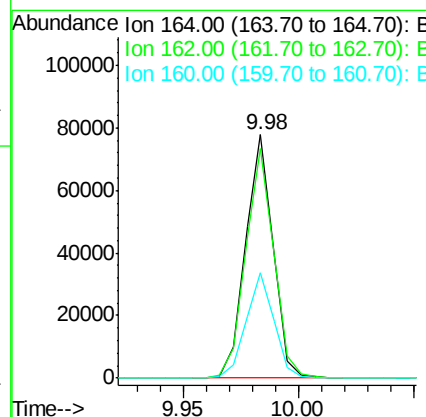
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF107275.D
 Acq: 10 Jul 2018 16:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.0	86.1	129.1
160	43.4	38.3	57.5





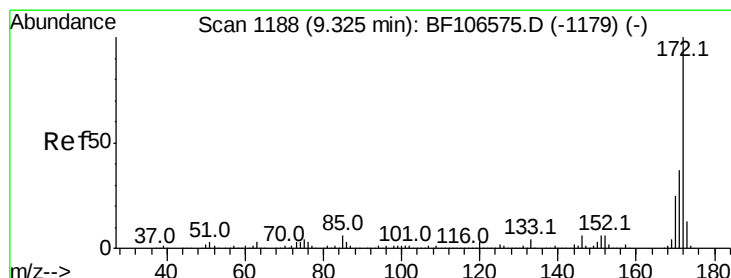
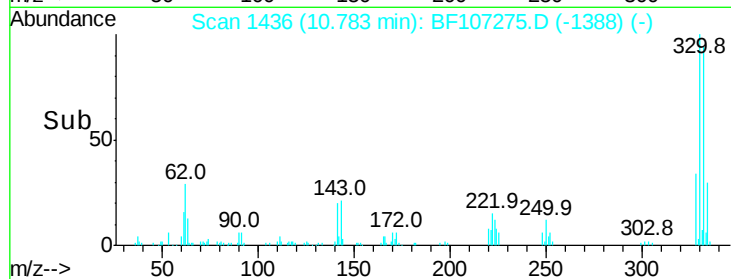
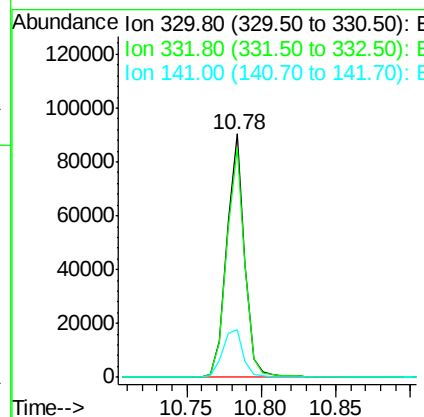
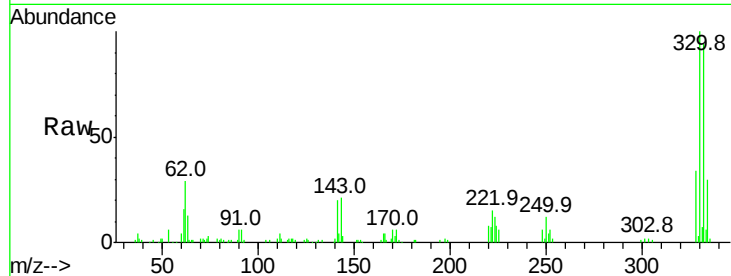
#41
 2,4,6-Tribromophenol
 Concen: 102.148 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107275.D
 Acq: 10 Jul 2018 16:22

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	77.0	115.6	
141	22.6	29.9	44.9	

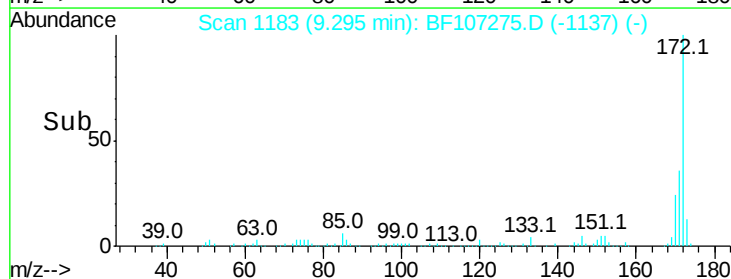
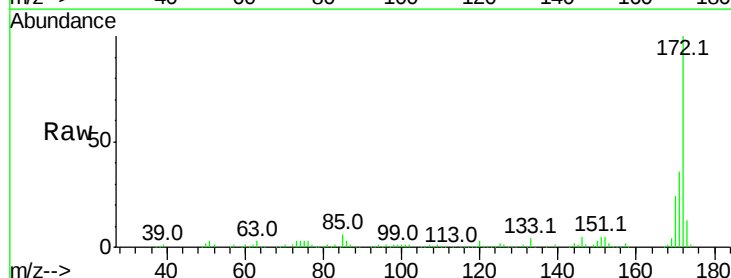
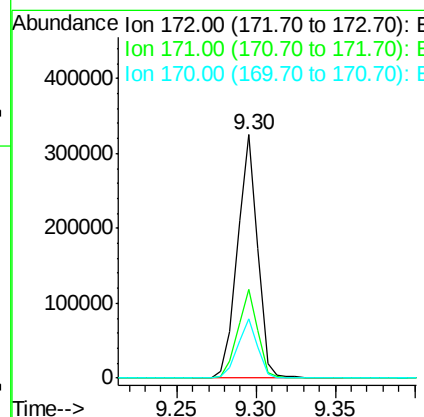
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 72.932 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: BF107275.D
 Acq: 10 Jul 2018 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.4	29.7	44.5	
170	24.4	19.6	29.4	





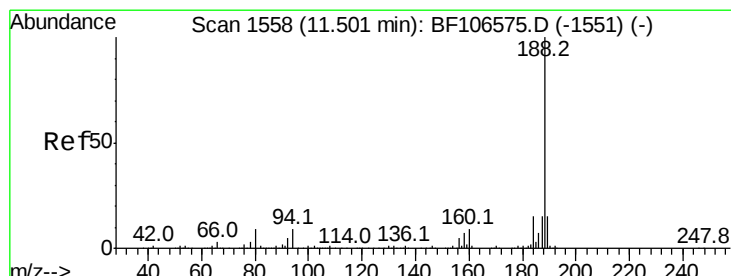
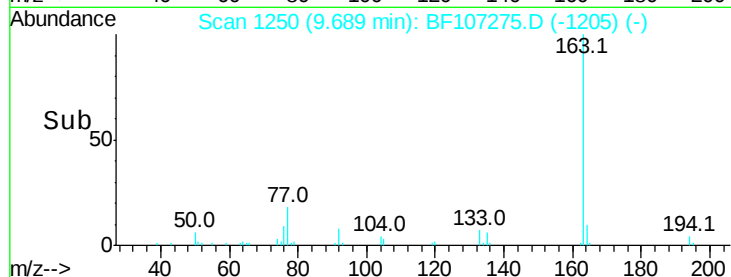
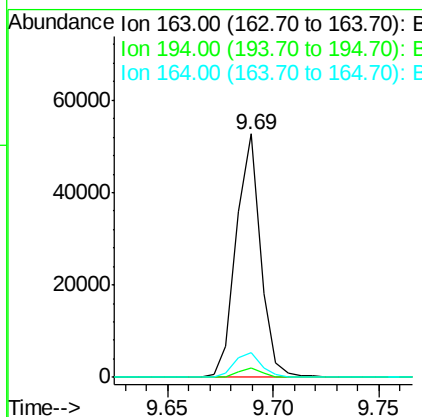
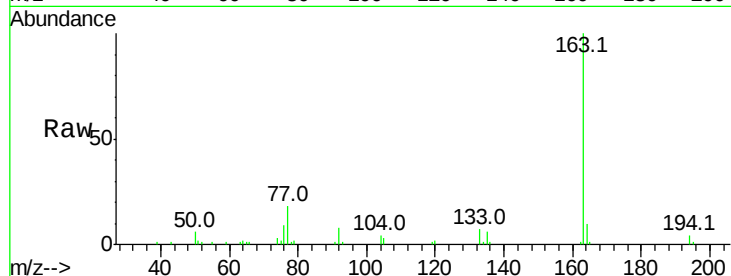
#49
Dimethylphthalate
Concen: 8.626 ng
RT: 9.69 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF107275.D
Acq: 10 Jul 2018 16:22

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-A

Tot Ion	Ratio	Resp	Lower	Upper
163	100	41874		
194	3.9		2.7	4.1
164	10.0		8.2	12.2

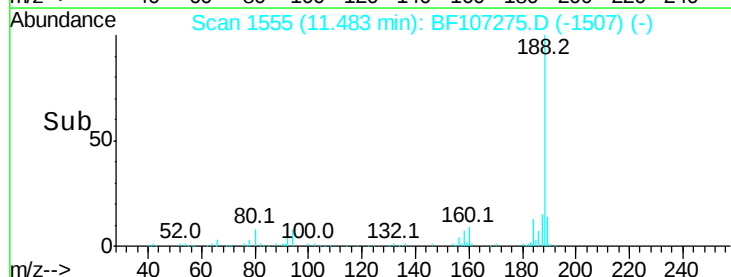
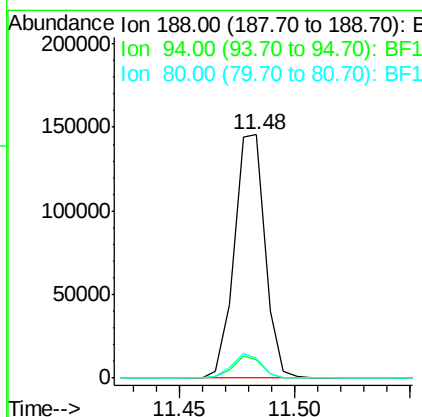
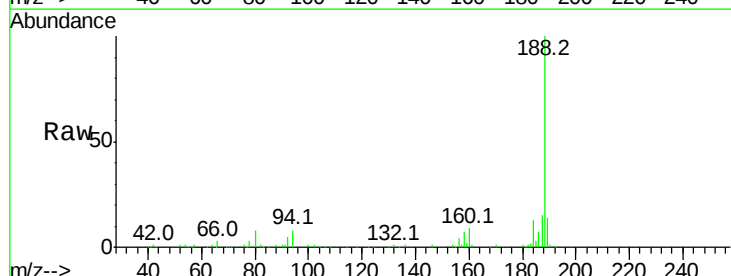
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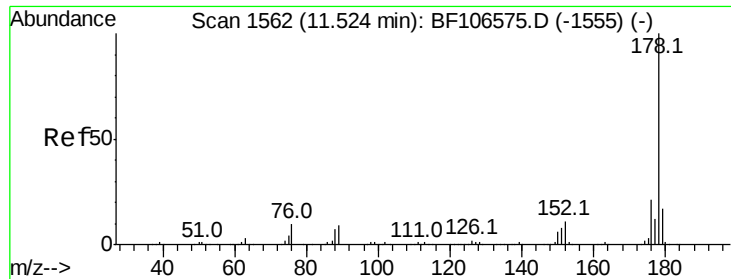
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107275.D
Acq: 10 Jul 2018 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	135320		
94	7.6		8.5	12.7#
80	8.1		9.2	13.8#





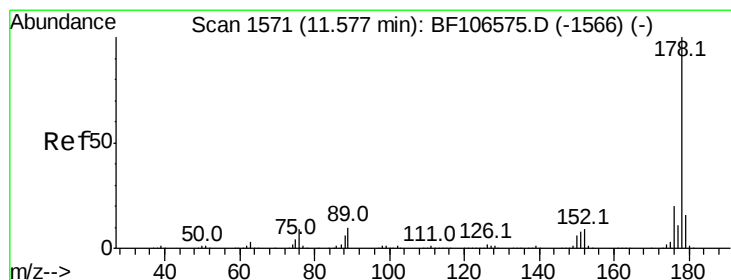
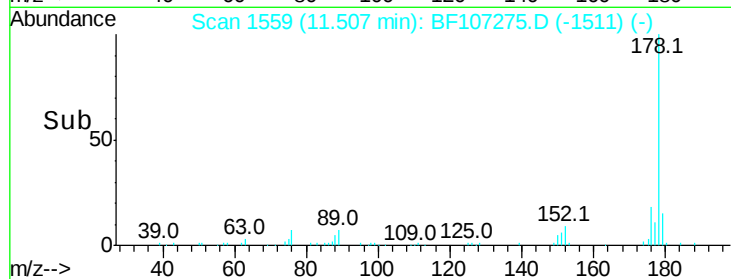
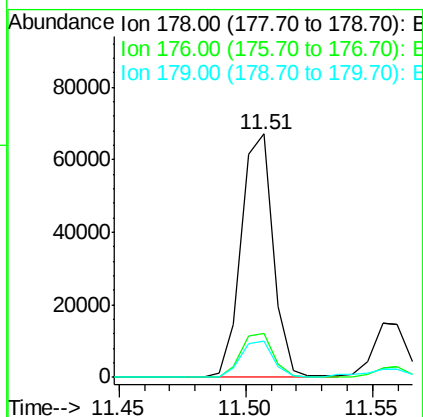
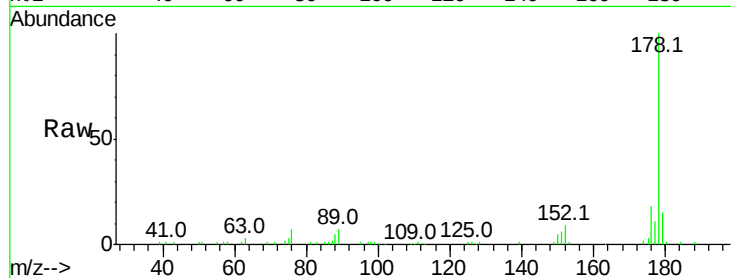
#70
Phenanthrene
Concen: 9.040 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF107275.D
Acq: 10 Jul 2018 16:22

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	14.8	13.0	19.6

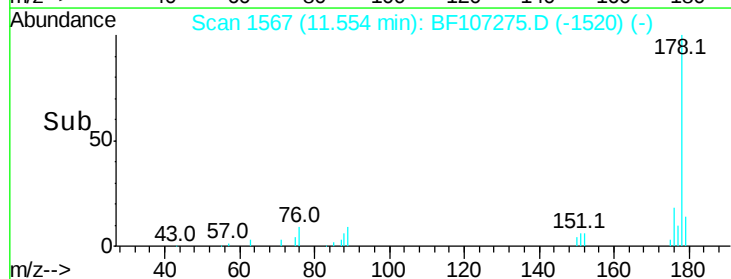
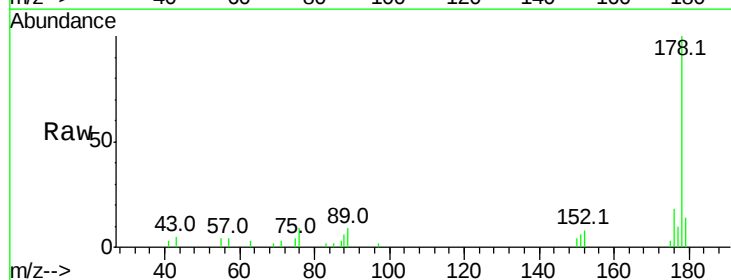
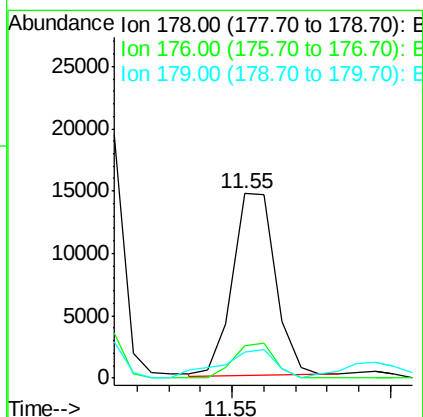
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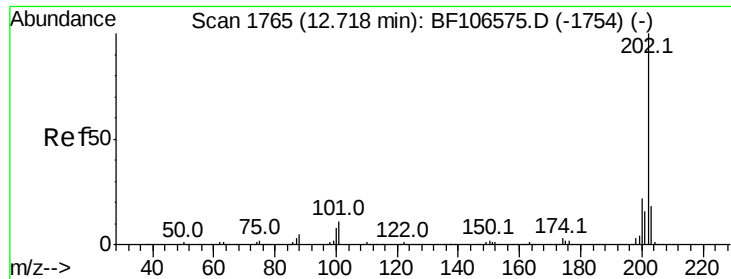
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#71
Anthracene
Concen: 2.040 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF107275.D
Acq: 10 Jul 2018 16:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	14.3	12.6	19.0





#74

Fluoranthene

Concen: 18.885 ng

RT: 12.70 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BF107275.D

Acq: 10 Jul 2018 16:22

Instrument :

BNA_F

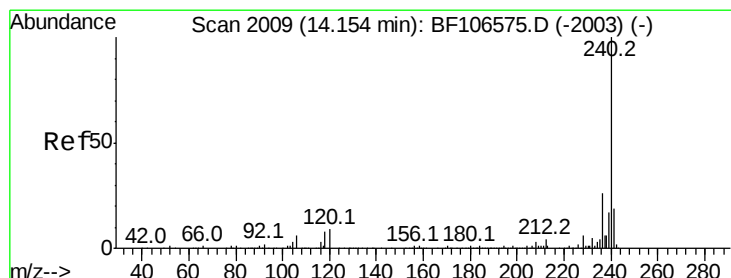
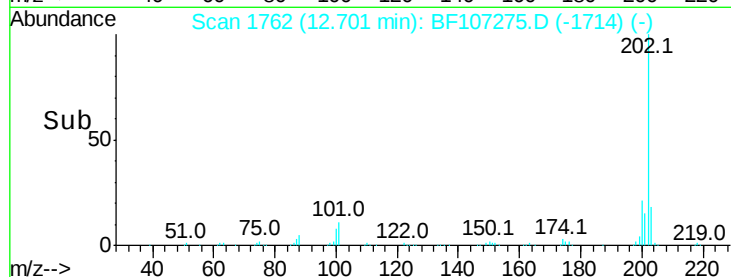
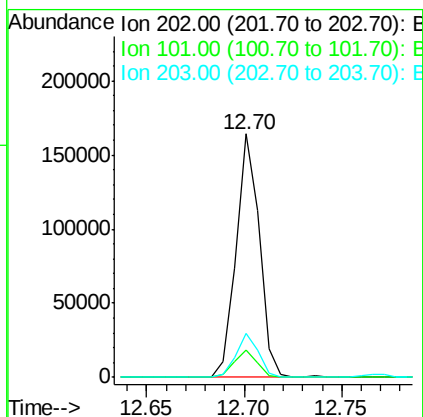
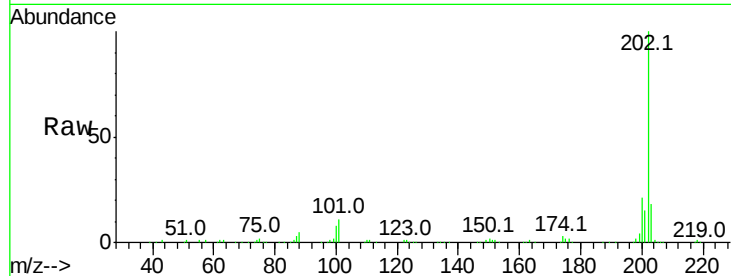
ClientSampleId :

STOCK-PILE-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	0.0	34.1
203	17.9	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

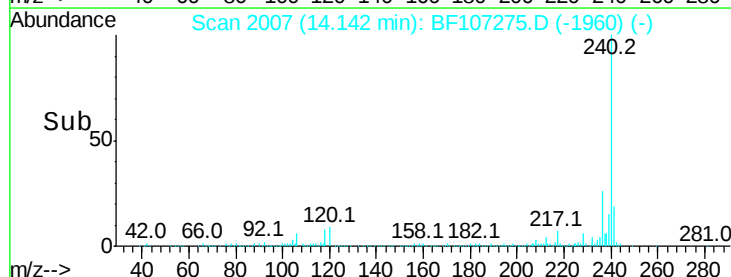
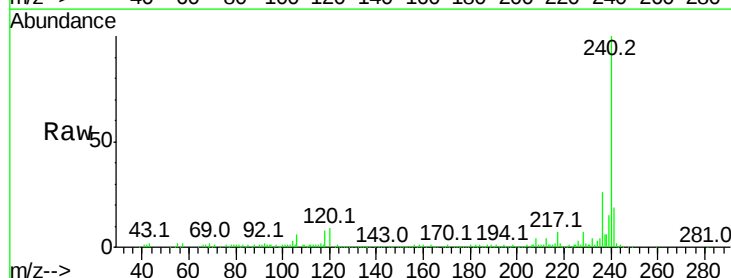
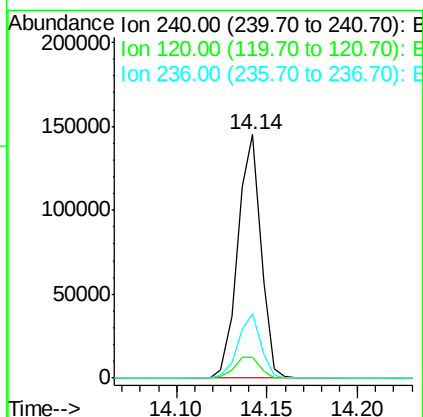
RT: 14.14 min Scan# 2007

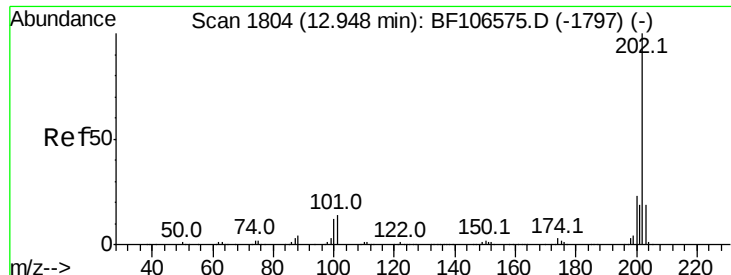
Delta R.T. -0.02 min

Lab File: BF107275.D

Acq: 10 Jul 2018 16:22

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	26.3	20.7	31.1





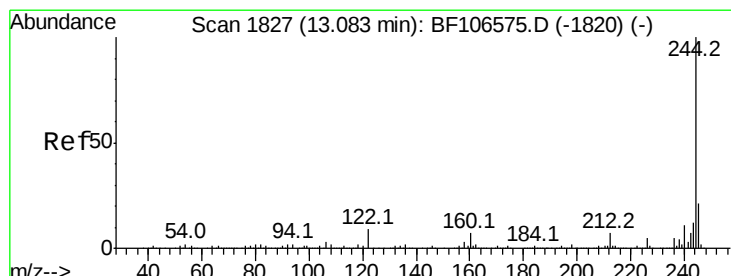
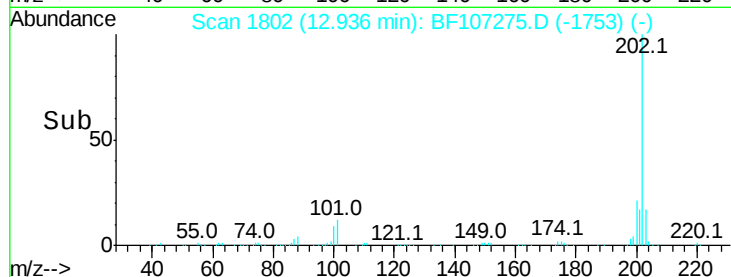
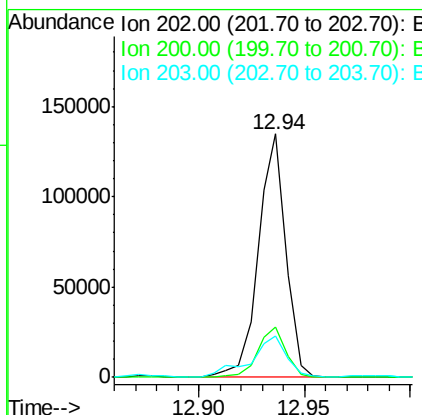
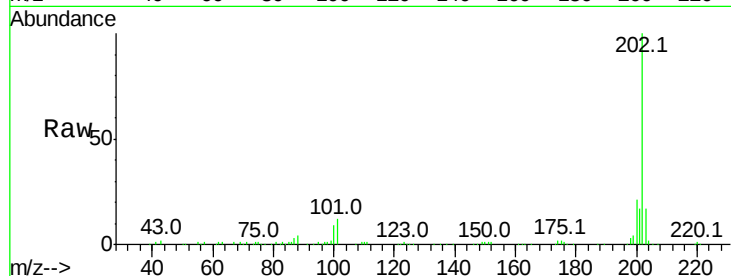
#77
Pvrene
Concen: 14.377 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107275.D
Acq: 10 Jul 2018 16:22

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-A

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.7	17.4	26.2
203	17.1	14.3	21.5

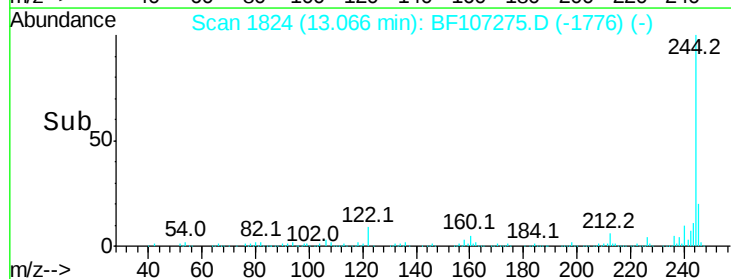
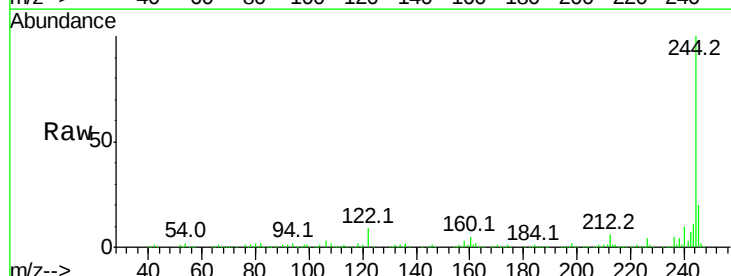
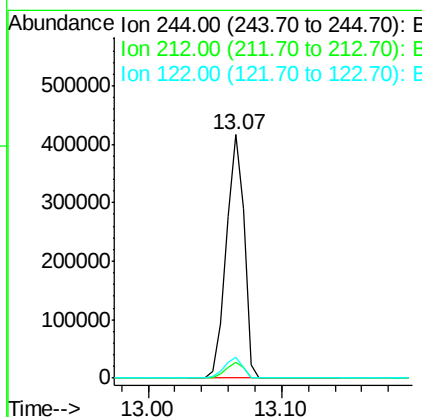
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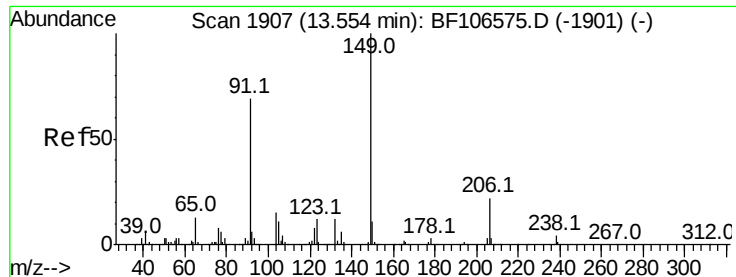
Sohil
7/11/2018 11:22:48 AM



#78
Terphenyl-d14
Concen: 73.907 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF107275.D
Acq: 10 Jul 2018 16:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.5	5.4	8.0
122	8.6	11.0	16.4





#79

Butylbenzylphthalate

Concen: 2.703 ng

RT: 13.53 min Scan# 1903

Delta R.T. -0.02 min

Lab File: BF107275.D

Acq: 10 Jul 2018 16:22

Instrument :

BNA_F

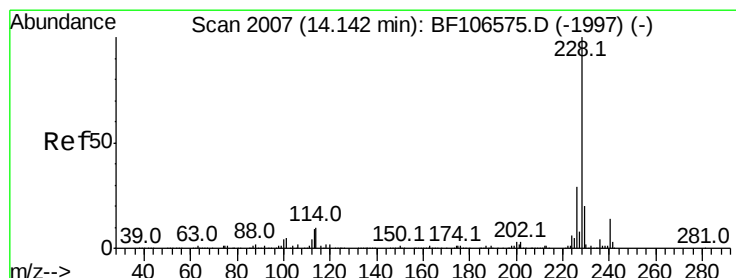
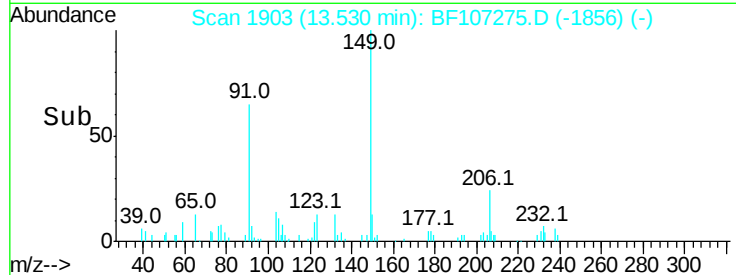
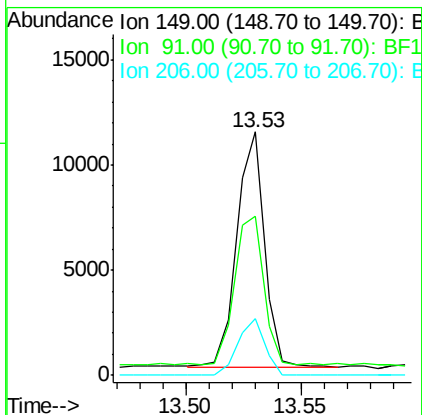
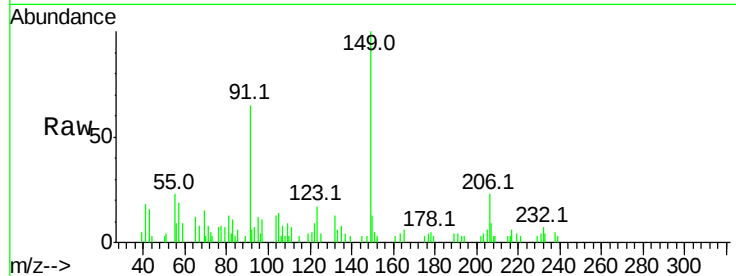
ClientSampleId :

STOCK-PILE-A

Tot Ion:	149	Resp:	9468
Ion Ratio	Lower	Upper	
149	100		
91	65.3	56.8	85.2
206	23.2	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 8.319 ng

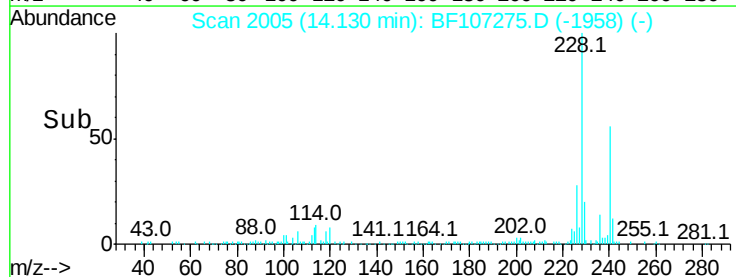
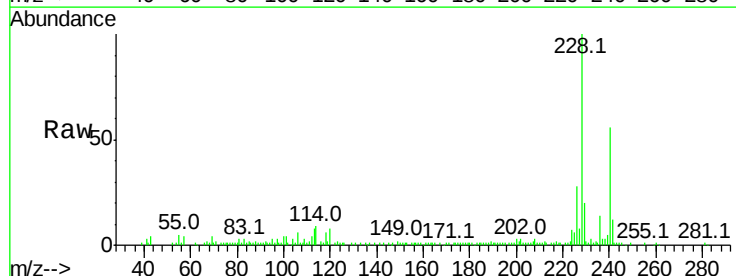
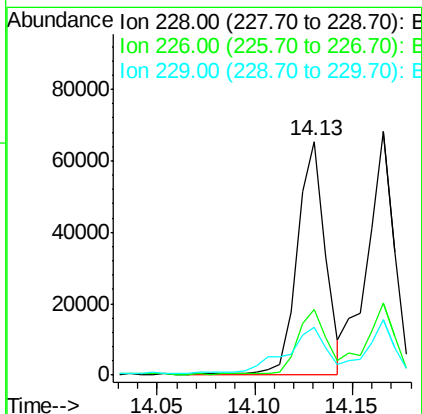
RT: 14.13 min Scan# 2005

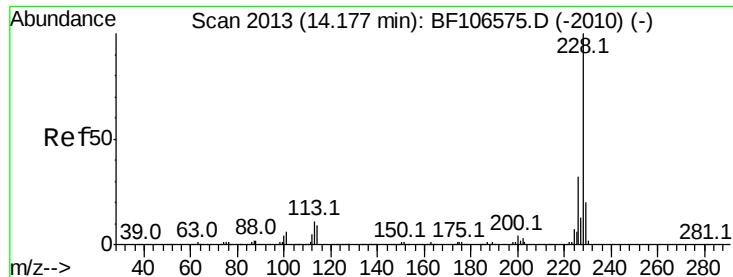
Delta R.T. -0.02 min

Lab File: BF107275.D

Acq: 10 Jul 2018 16:22

Tgt Ion:	228	Resp:	65492
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.6	33.8
229	20.4	15.8	23.6





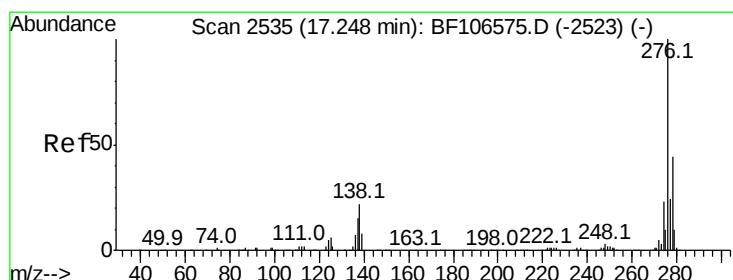
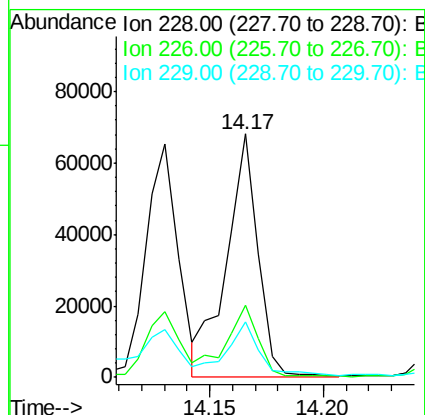
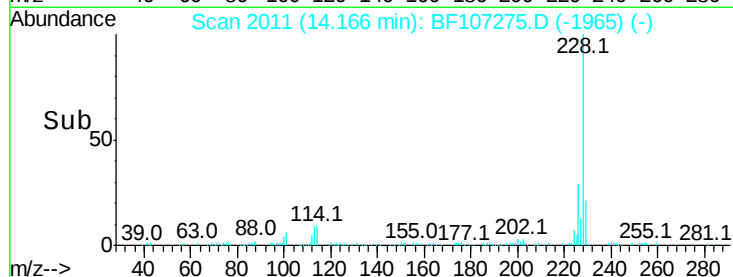
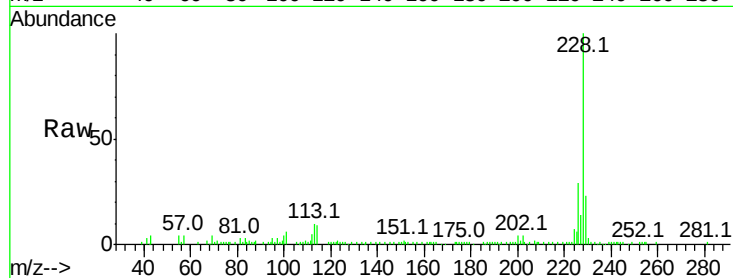
#82
Chrysene
Concen: 8.952 ng/ml
RT: 14.17 min Scan# 2011
Delta R.T. -0.03 min
Lab File: BF107275.D
Acq: 10 Jul 2018 16:22

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-A

Tot Ion:	228	Resp:	64836
Ion Ratio	Lower	Upper	
228	100		
226	29.4	25.0	37.6
229	22.6	16.2	24.4

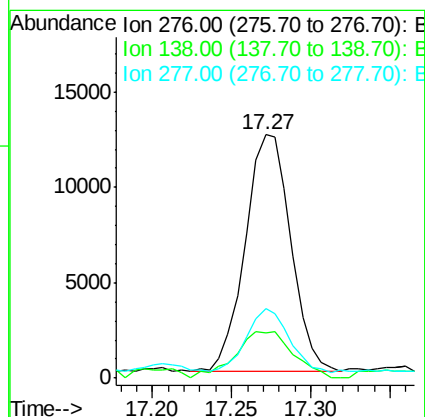
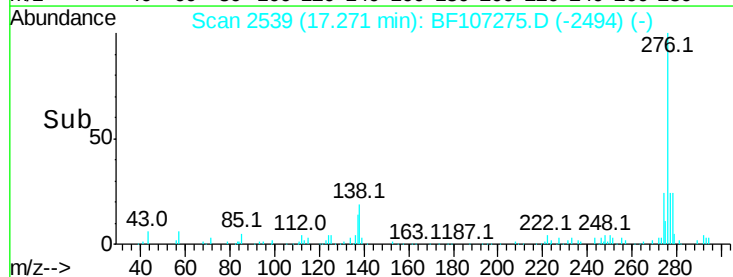
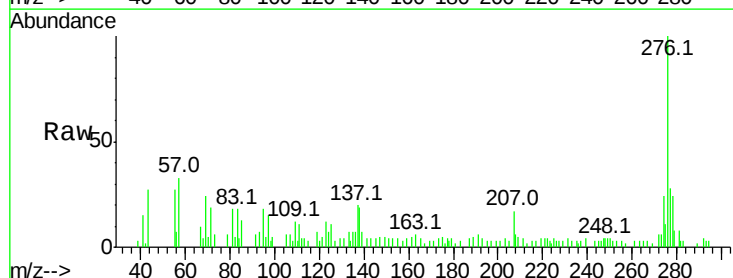
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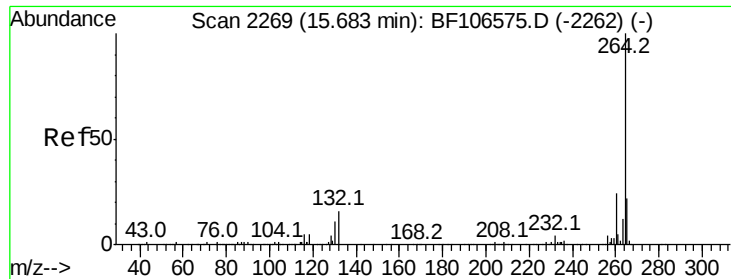
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#85
Indeno(1,2,3-cd)pyrene
Concen: 4.051 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.04 min
Lab File: BF107275.D
Acq: 10 Jul 2018 16:22

Tgt Ion:	276	Resp:	24898
Ion Ratio	Lower	Upper	
276	100		
138	24.9	25.0	37.6#
277	24.7	20.1	30.1





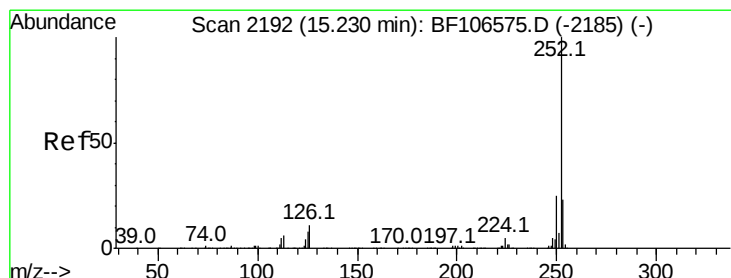
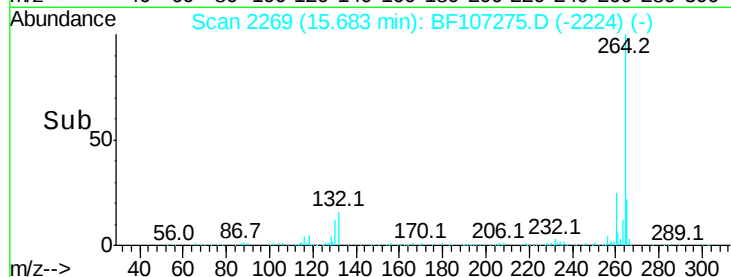
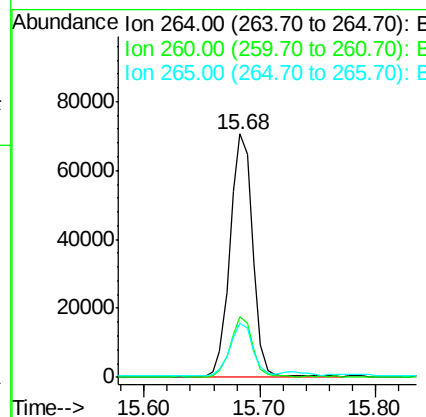
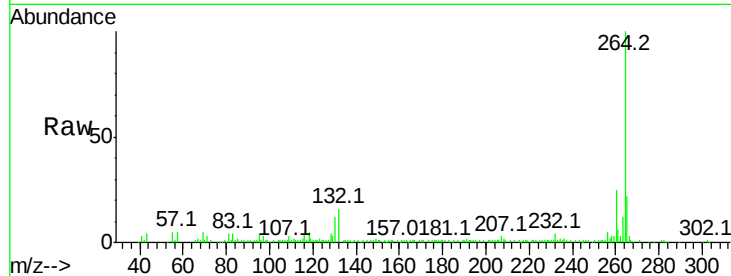
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF107275.D
Acq: 10 Jul 2018 16:22

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-A

Tot Ion:	264	Resp:	96544
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.2	28.8
265	22.4	17.5	26.3

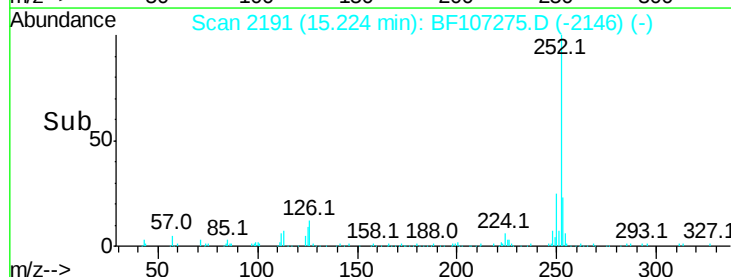
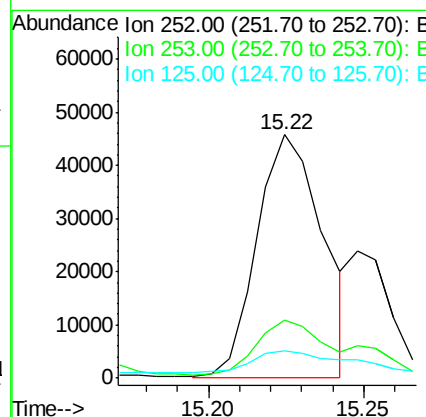
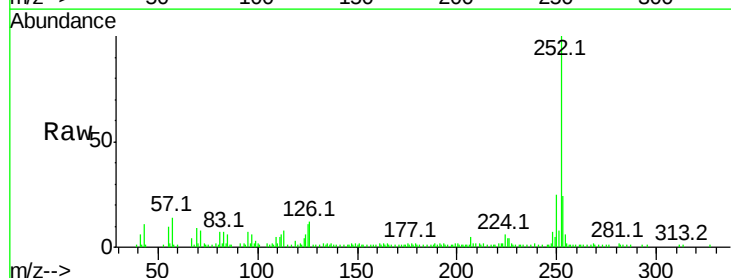
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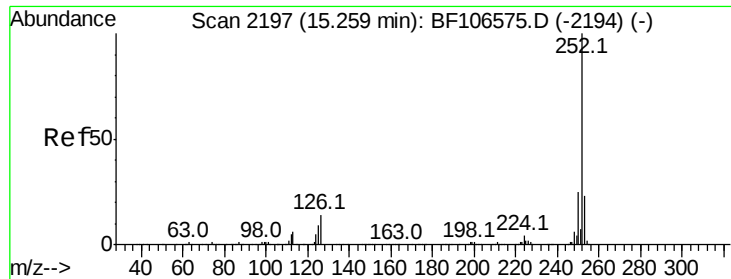
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#87
Benzo(b)fluoranthene
Concen: 11.201 ng m
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF107275.D
Acq: 10 Jul 2018 16:22

Tgt Ion:	252	Resp:	67174
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.0	25.6
125	11.2	9.0	13.6





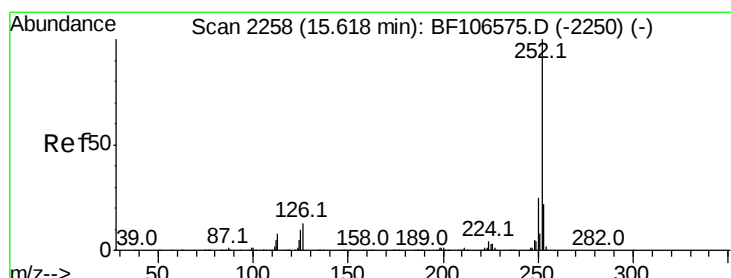
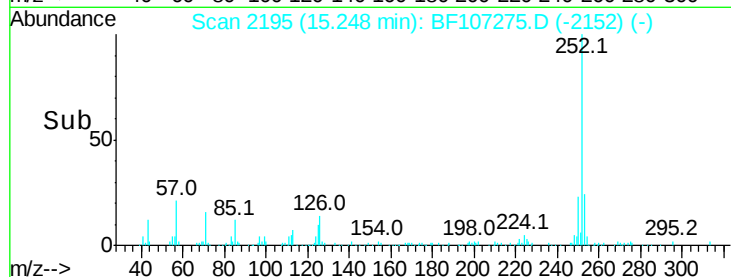
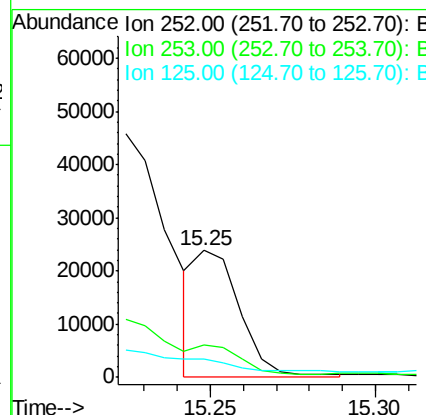
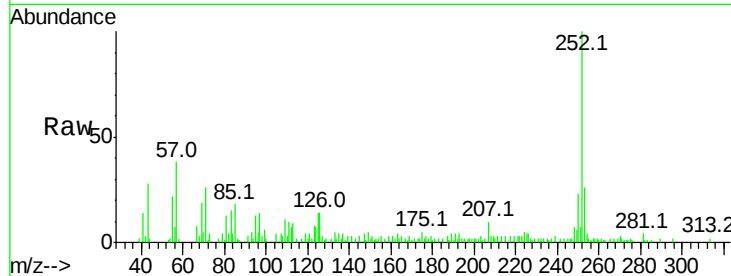
#88
Benzo(k)fluoranthene
Concen: 3.952 ng m
RT: 15.25 min Scan# 2195
Delta R.T. -0.05 min
Lab File: BF107275.D
Acq: 10 Jul 2018 16:22

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.9	26.9
125	14.1	10.2	15.2

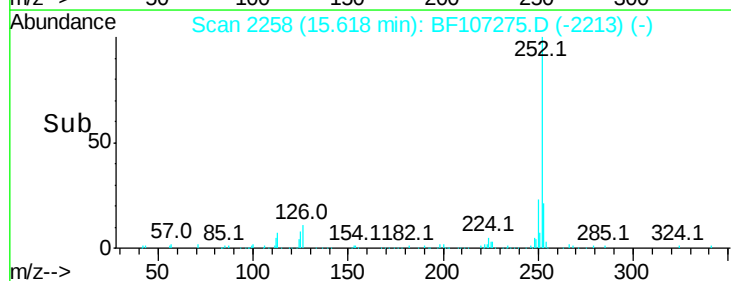
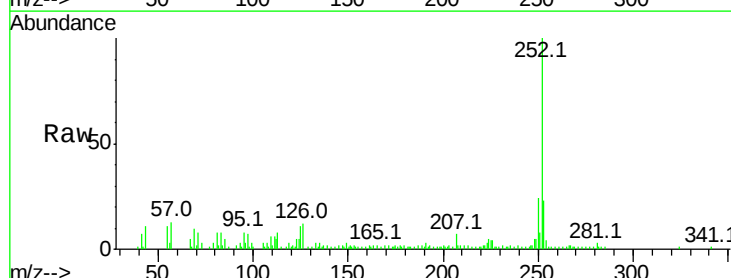
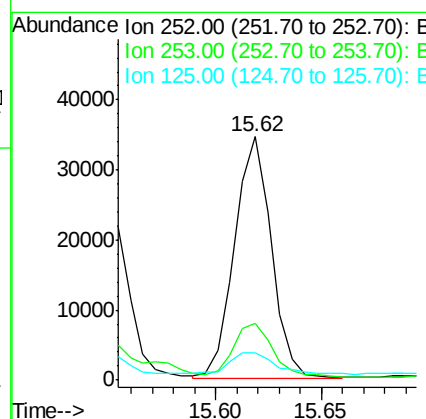
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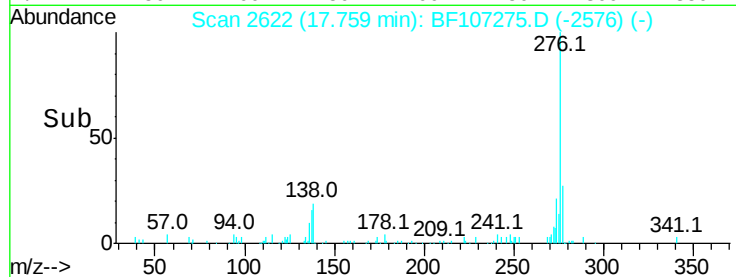
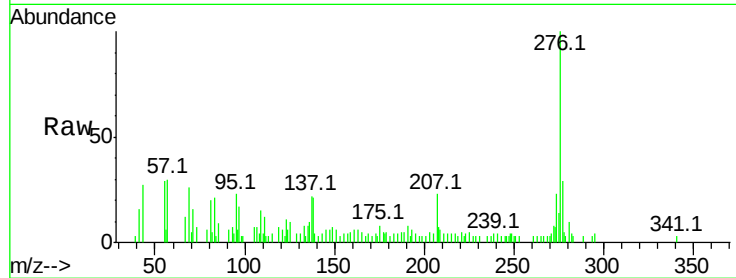
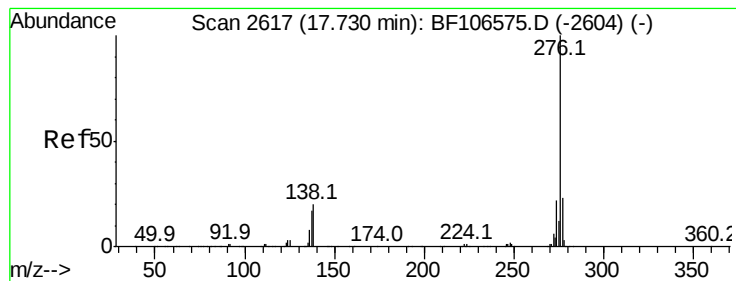
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#89
Benzo(a)pyrene
Concen: 7.745 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.04 min
Lab File: BF107275.D
Acq: 10 Jul 2018 16:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	11.1	9.8	14.6





#91

Benzo(a,h,i)perylene

Concen: 5.716 ng

RT: 17.76 min Scan# 2622

Delta R.T. -0.03 min

Lab File: BF107275.D

Acq: 10 Jul 2018 16:22

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE-A

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.8	17.9	26.9#
138	21.1	21.8	32.8#

Manual Integrations
APPROVED

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