

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
 Data File : BF107270.D
 Acq On : 10 Jul 2018 14:08
 Operator : JU/SJ
 Sample : J3879-19RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-10RE

Manual Integrations
 APPROVED

Sohil
 7/11/2018 11:22:36 AM

Quant Time: Jul 11 10:11:04 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	30701	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	104871	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	46810	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	98126	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	96044	20.00	ng	-0.02
86) Perylene-d12	15.68	264	71128	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	196270	108.25	ng	-0.02
7) Phenol-d6	6.59	99	233776	103.25	ng	-0.02
23) Nitrobenzene-d5	7.51	82	137801	73.02	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	62768	115.69	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	246162	89.85	ng	-0.03
78) Terphenyl-d14	13.07	244	329985	83.22	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.69	163	50256	14.315	ng	Qvalue 100
70) Phenanthrene	11.50	178	62784	13.266	ng	99
71) Anthracene	11.55	178	21231	4.395	ng	98
74) Fluoranthene	12.70	202	149607	28.680	ng	96
77) Pyrene	12.94	202	147401	23.273	ng	99
80) Benzo(a)anthracene	14.13	228	84657	14.462	ng	98
82) Chrysene	14.17	228	82312	15.285	ng	97
85) Indeno(1,2,3-cd)pyrene	17.28	276	32552	7.123	ng	# 88
87) Benzo(b)fluoranthene	15.22	252	88862m	20.112	ng	
88) Benzo(k)fluoranthene	15.25	252	29656m	7.048	ng	
89) Benzo(a)pyrene	15.62	252	56303	14.334	ng	95
90) Dibenzo(a,h)anthracene	17.27	278	9873	2.966	ng	# 74
91) Benzo(a,h,i)perylene	17.77	276	31869	9.795	ng	# 88

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

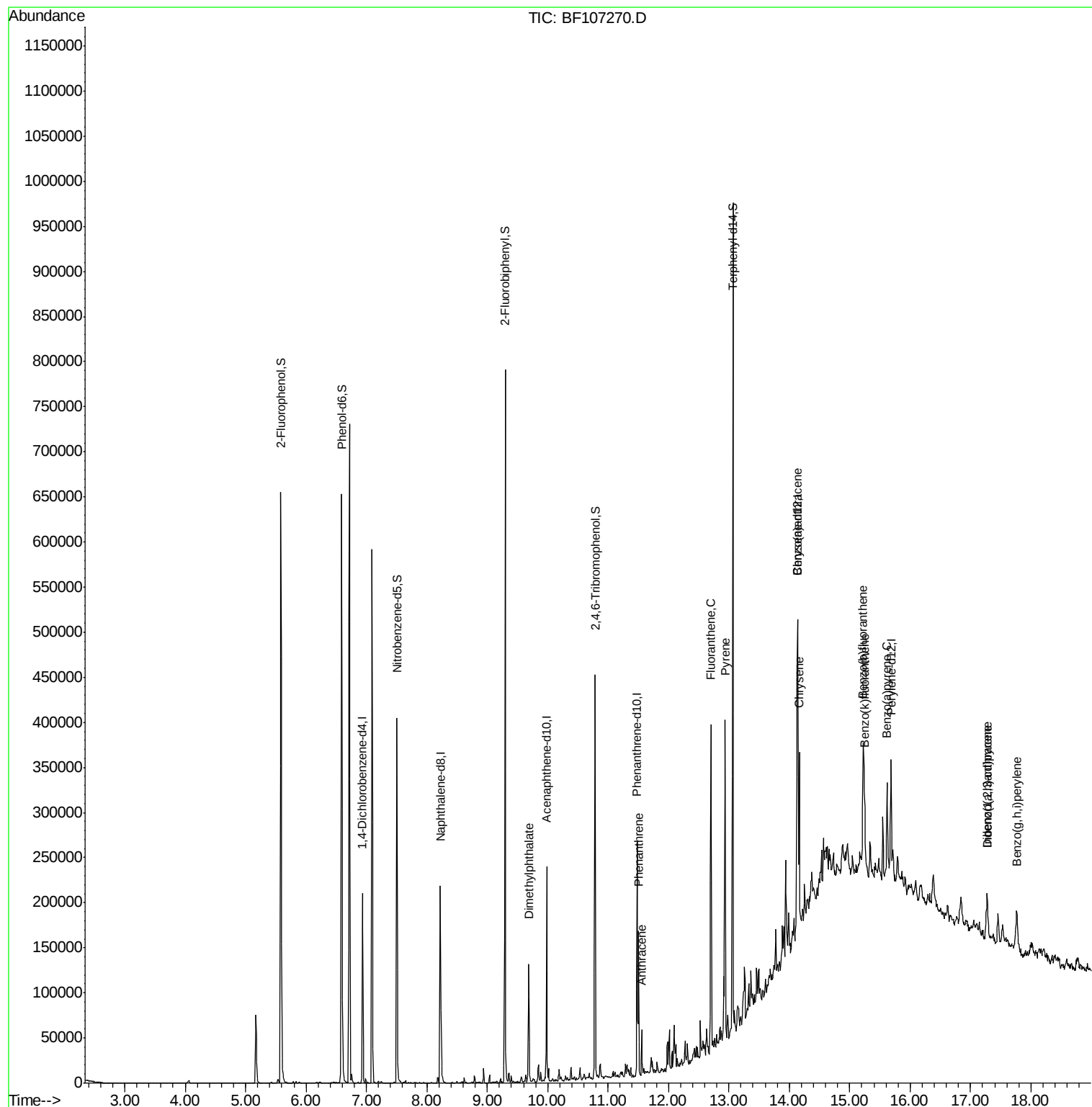
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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#1

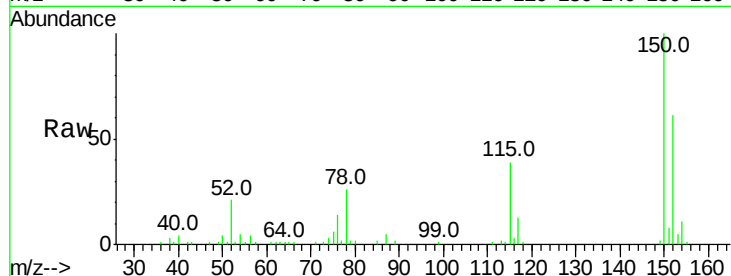
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF107270.D
Acq: 10 Jul 2018 14:08

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-10RE

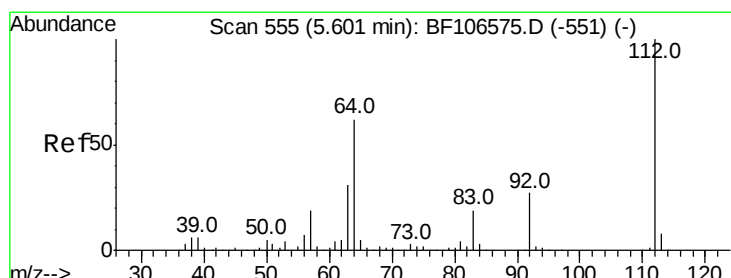
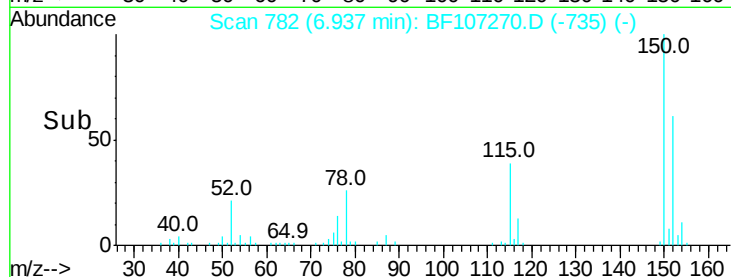
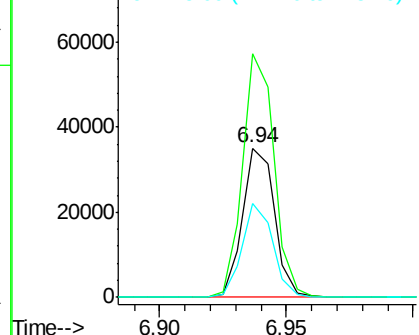
Tot Ion	Ratio	Lower	Upper
152	100		
150	163.0	124.6	186.8
115	63.2	50.1	75.1

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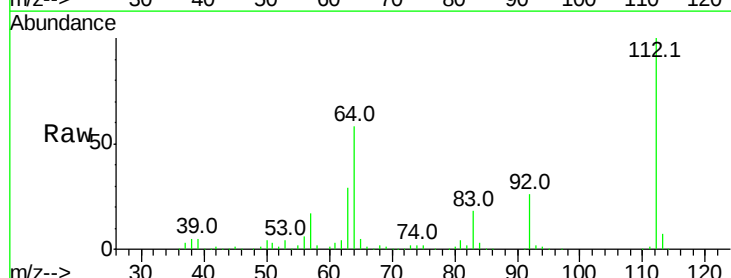
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



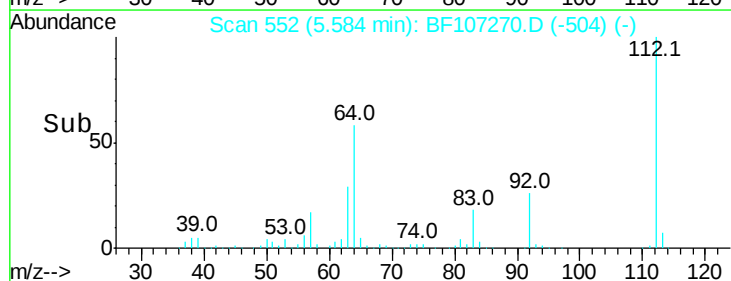
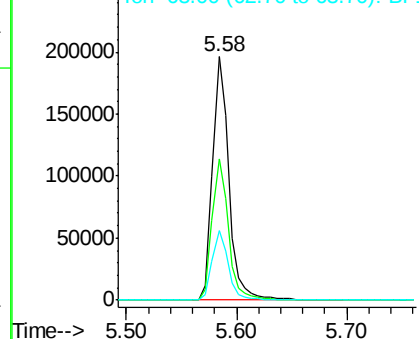
#5

2-Fluorophenol
Concen: 108.253 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107270.D
Acq: 10 Jul 2018 14:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	28.6	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: 103.250 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107270.D

Acq: 10 Jul 2018 14:08

Instrument :

BNA_F

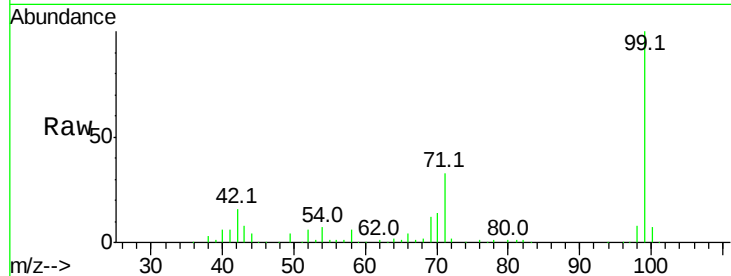
ClientSampleId :

SURCHARGE-SP-10RE

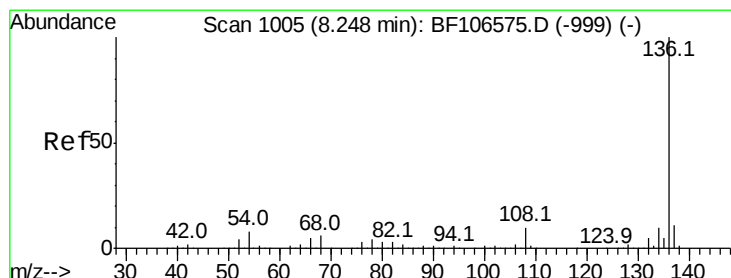
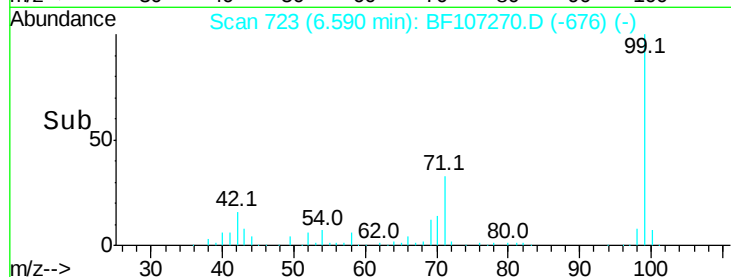
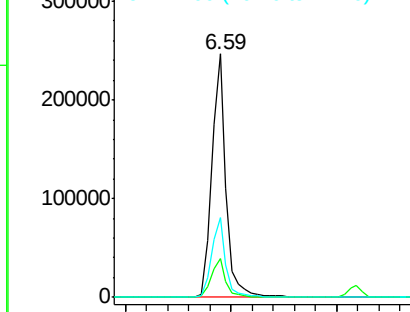
Tot Ion:	99	Resp:	233776
Ion Ratio	Lower	Upper	
99	100		
42	15.7	14.5	21.7
71	32.5	25.4	38.0

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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: 8.22 min Scan# 1001

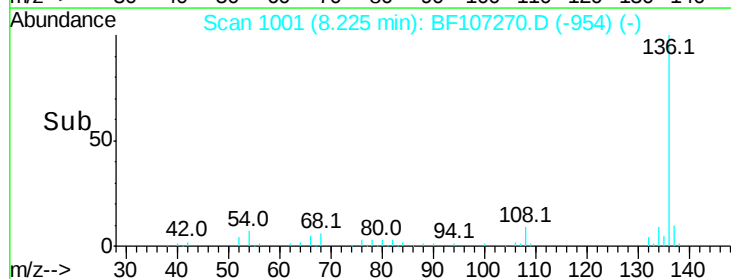
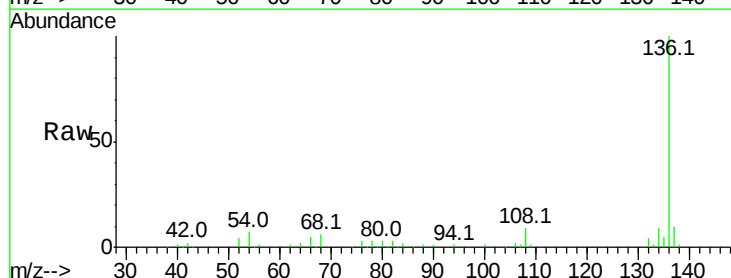
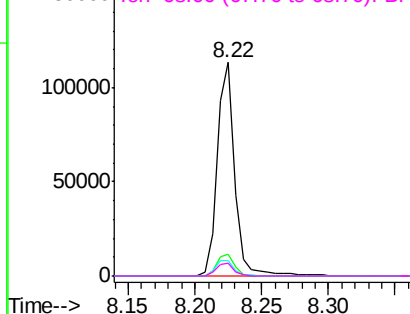
Delta R.T. -0.02 min

Lab File: BF107270.D

Acq: 10 Jul 2018 14:08

Tgt Ion:	136	Resp:	104871
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.9	13.3
54	7.4	6.6	9.8
68	5.9	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





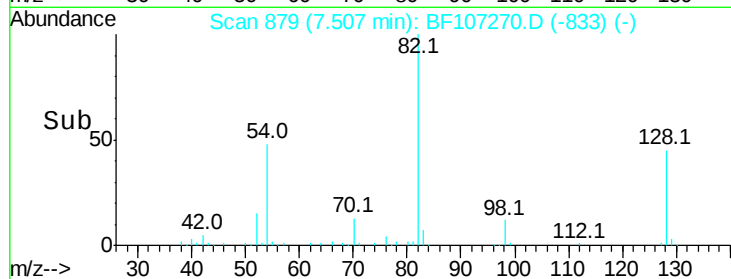
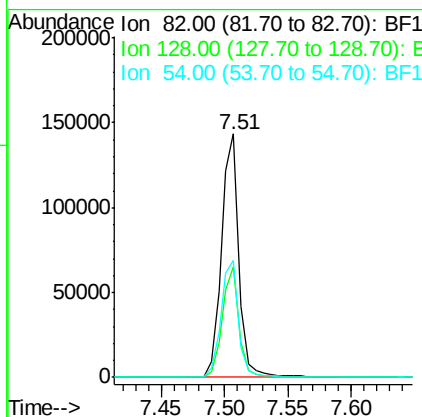
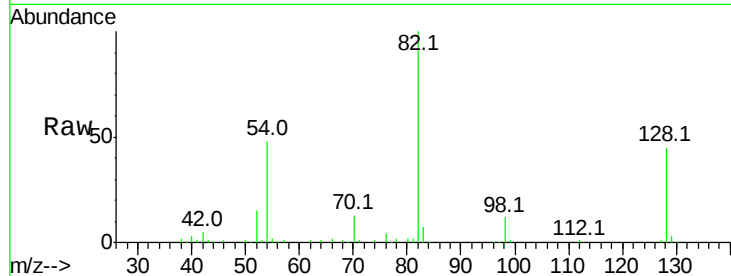
#23
 Nitrobenzene-d5
 Concen: 73.024 ng
 RT: 7.51 min Scan# 879
 Delta R.T. -0.03 min
 Lab File: BF107270.D
 Acq: 10 Jul 2018 14:08

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-10RE

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.2	36.1	54.1	
54	48.0	41.4	62.2	

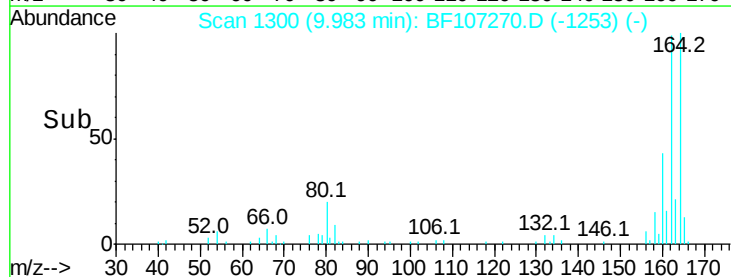
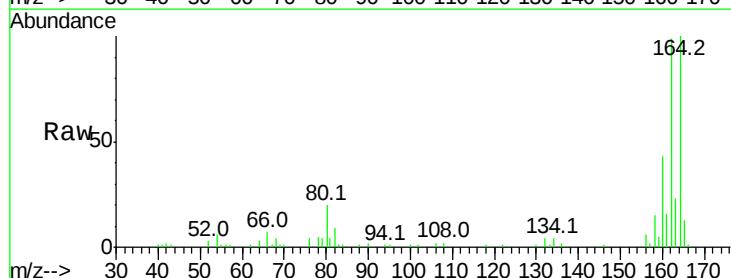
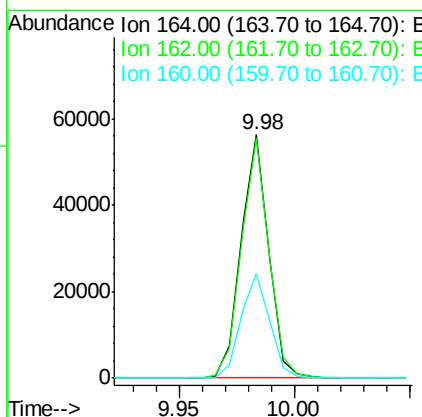
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF107270.D
 Acq: 10 Jul 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	98.7	86.1	129.1	
160	42.8	38.3	57.5	





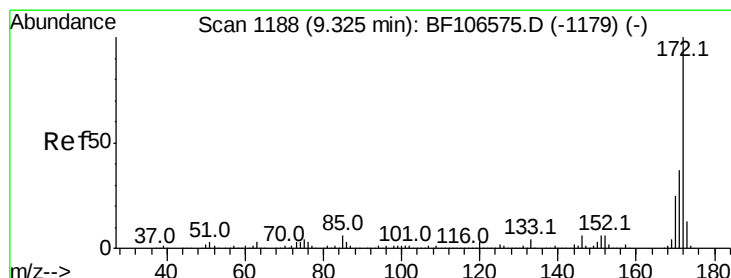
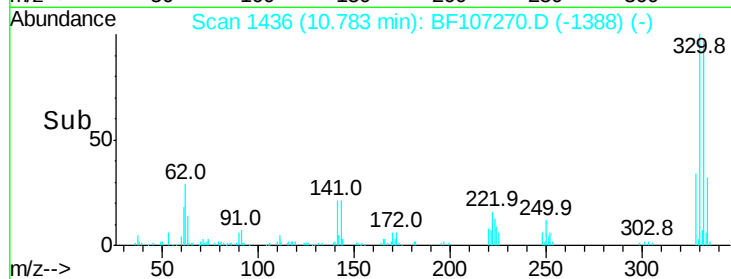
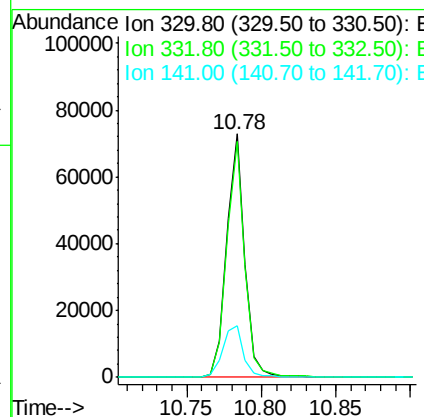
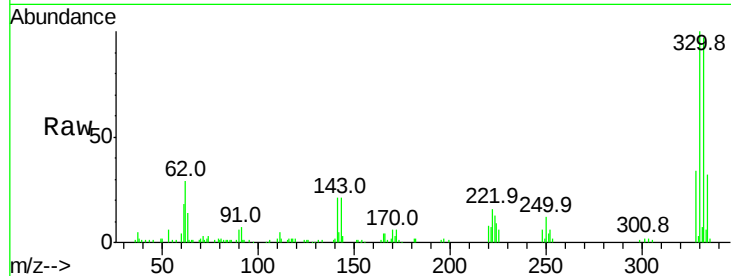
#41
 2,4,6-Tribromophenol
 Concen: 115.693 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107270.D
 Acq: 10 Jul 2018 14:08

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-10RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	24.2	29.9	44.9#

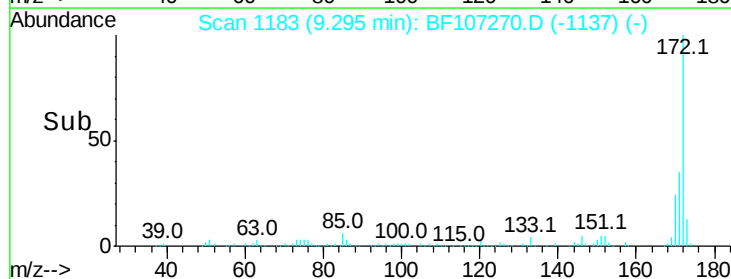
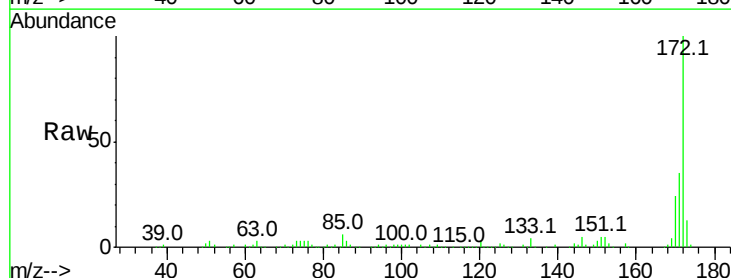
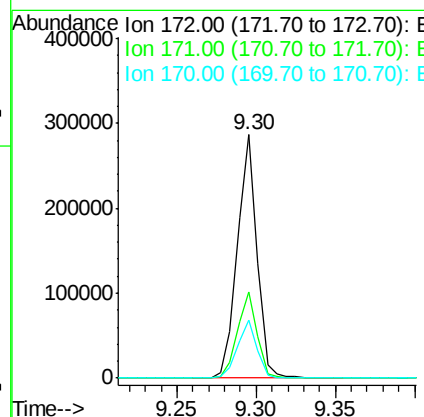
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#44
 2-Fluorobiphenyl
 Concen: 89.853 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: BF107270.D
 Acq: 10 Jul 2018 14:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	24.0	19.6	29.4





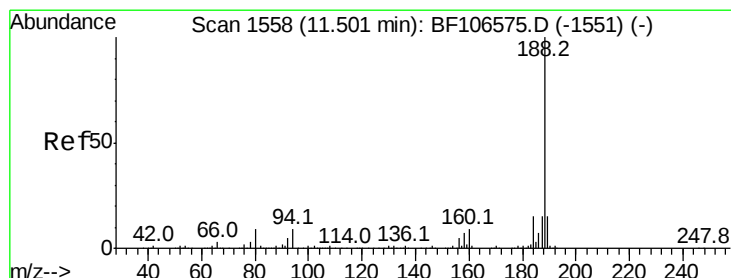
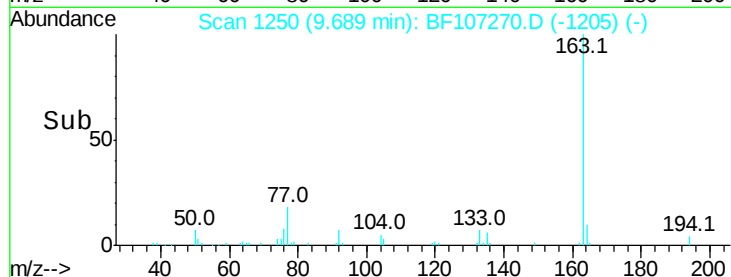
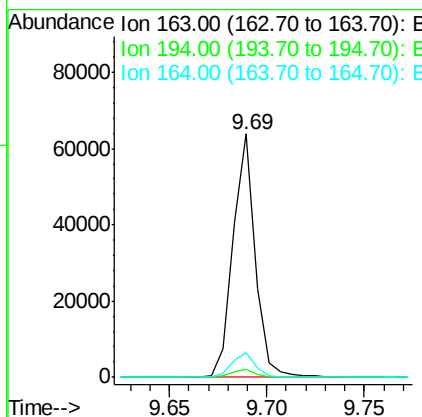
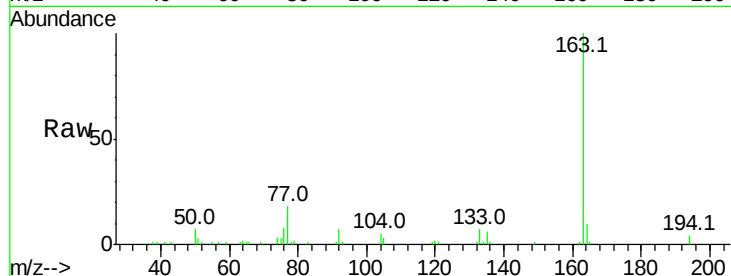
#49
Dimethylphthalate
Concen: 14.315 ng
RT: 9.69 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF107270.D
Acq: 10 Jul 2018 14:08

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-10RE

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.2	8.2	12.2

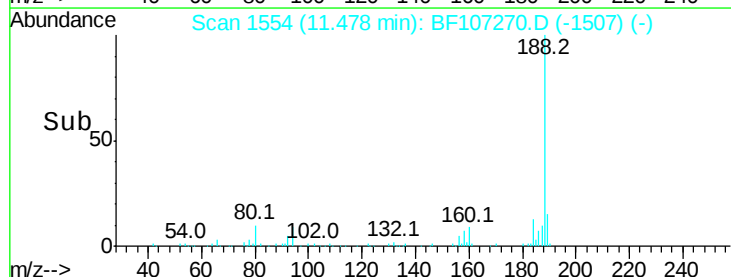
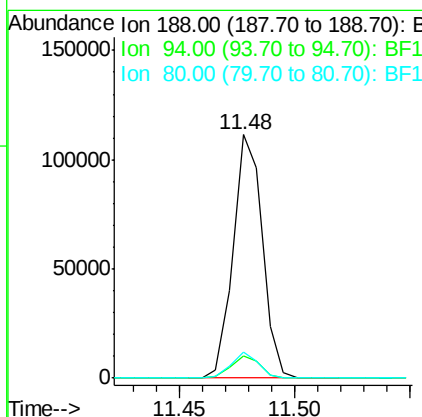
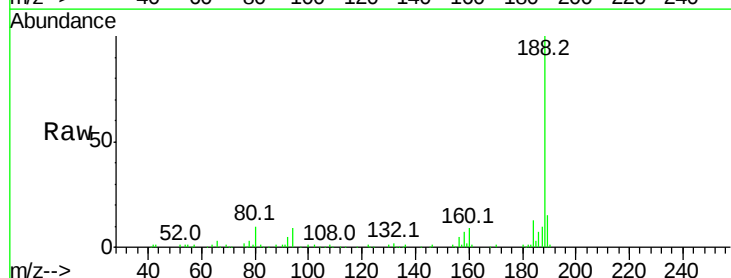
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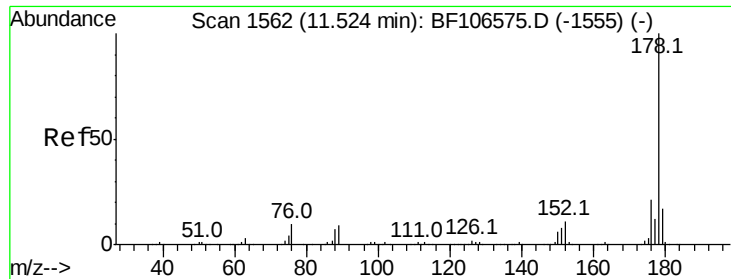
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF107270.D
Acq: 10 Jul 2018 14:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.5	9.2	13.8





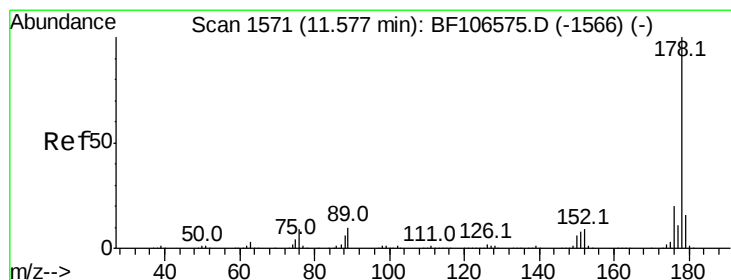
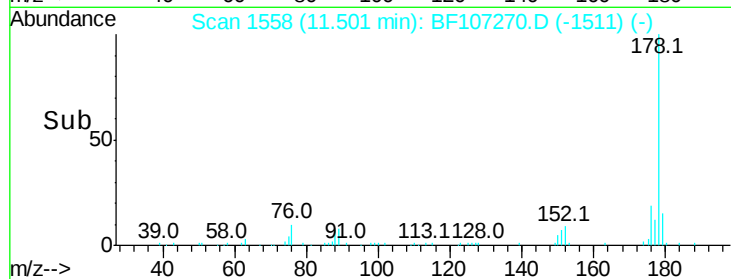
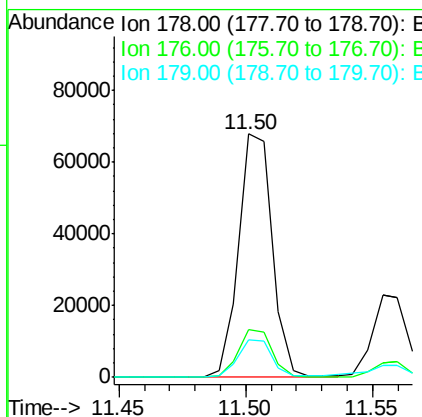
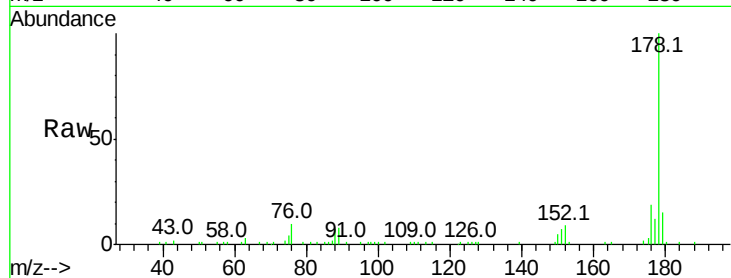
#70
Phenanthrene
Concen: 13.266 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.02 min
Lab File: BF107270.D
Acq: 10 Jul 2018 14:08

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-10RE

Tot Ion:178 Resp: 62784
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.5 13.0 19.6

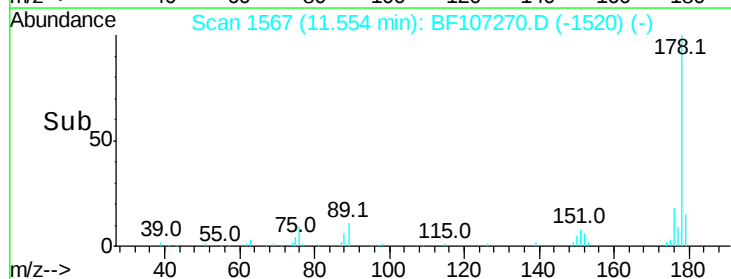
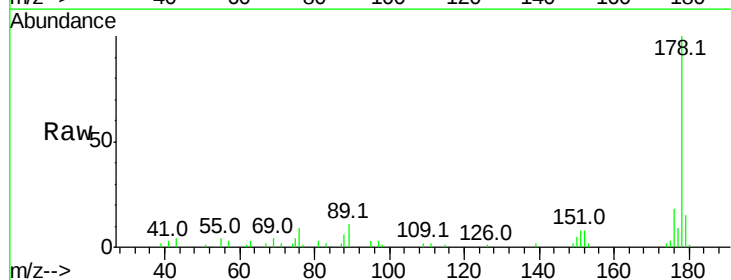
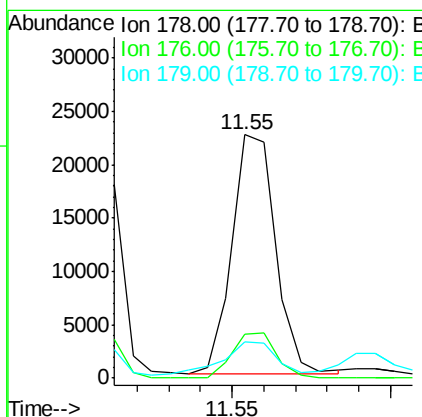
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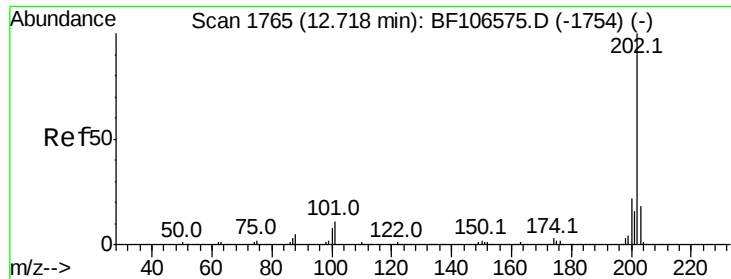
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#71
Anthracene
Concen: 4.395 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF107270.D
Acq: 10 Jul 2018 14:08

Tgt Ion:178 Resp: 21231
Ion Ratio Lower Upper
178 100
176 18.0 15.4 23.2
179 15.1 12.6 19.0





#74

Fluoranthene

Concen: 28.680 ng

RT: 12.70 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BF107270.D

Acq: 10 Jul 2018 14:08

Instrument :

BNA_F

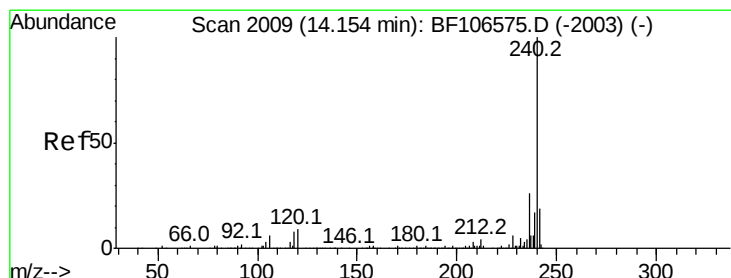
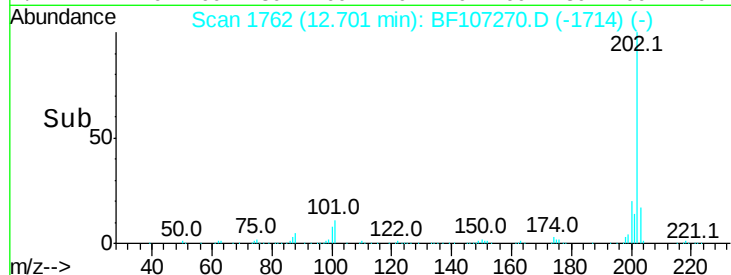
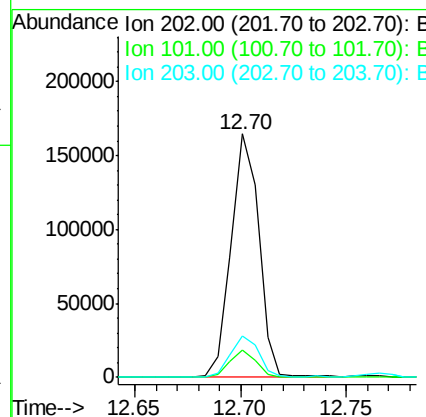
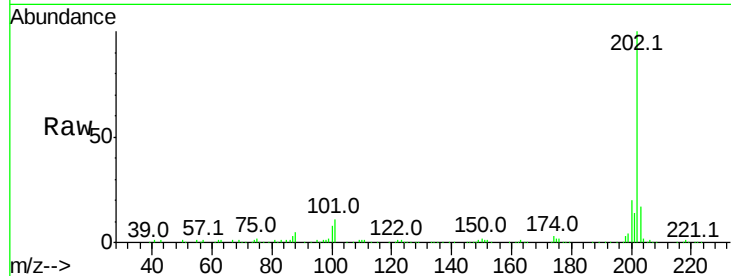
ClientSampleId :

SURCHARGE-SP-10RE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	0.0	34.1
203	17.2	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

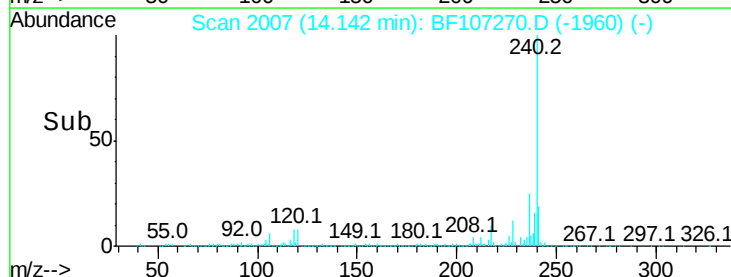
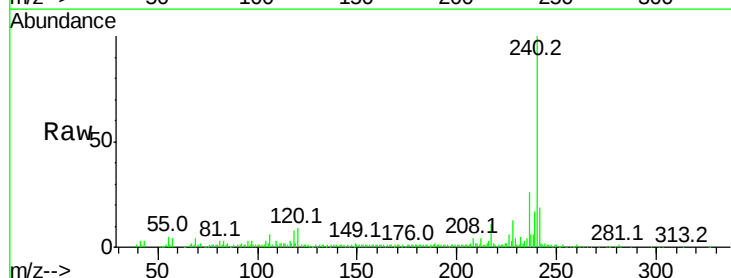
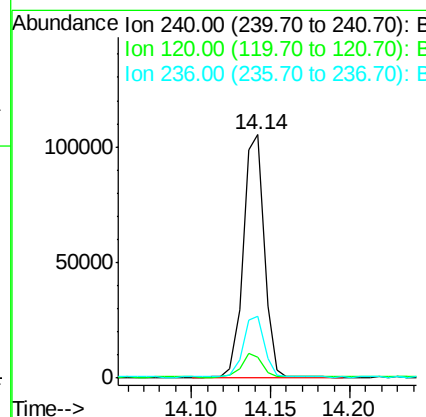
RT: 14.14 min Scan# 2007

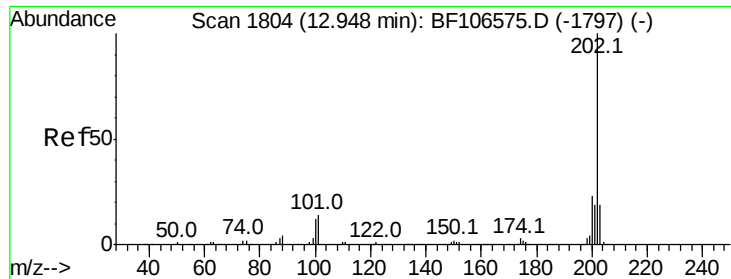
Delta R.T. -0.02 min

Lab File: BF107270.D

Acq: 10 Jul 2018 14:08

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.7	9.5	14.3#
236	25.5	20.7	31.1





#77

Pvrene

Concen: 23.273 ng

RT: 12.94 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF107270.D

Acq: 10 Jul 2018 14:08

Instrument :

BNA_F

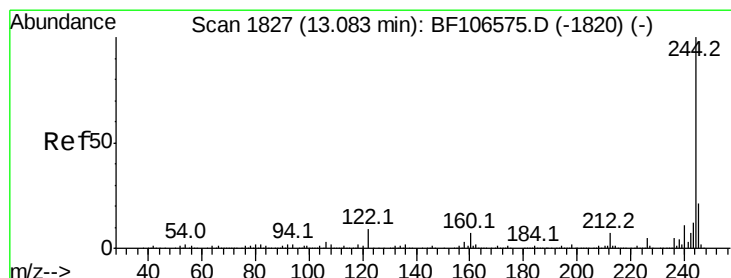
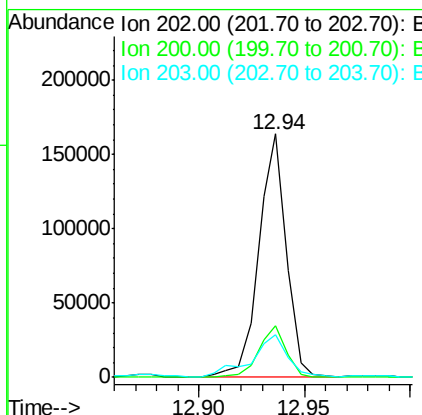
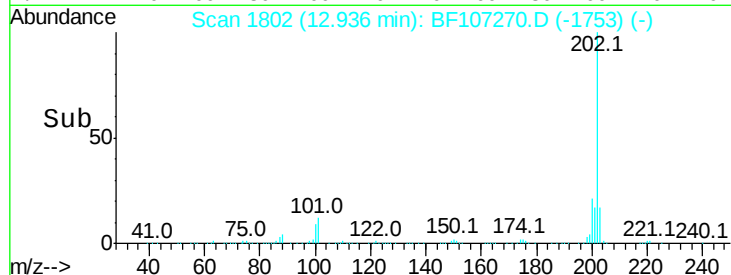
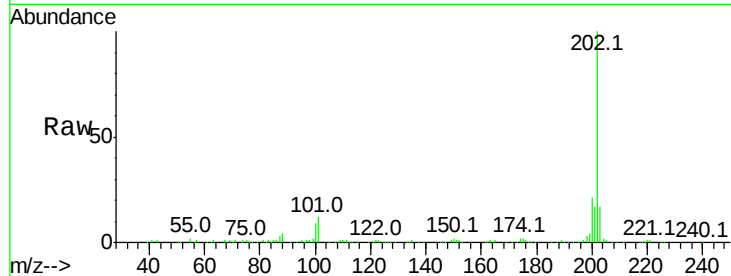
ClientSampleId :

SURCHARGE-SP-10RE

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.3	14.3	21.5

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#78

Terphenyl-d14

Concen: 83.225 ng

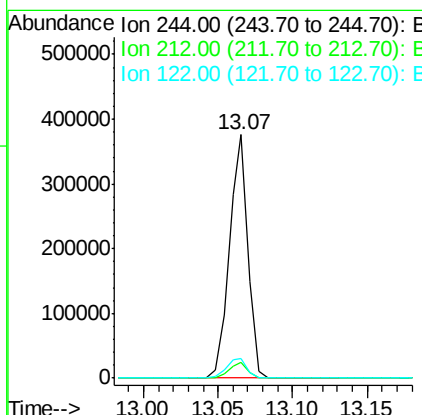
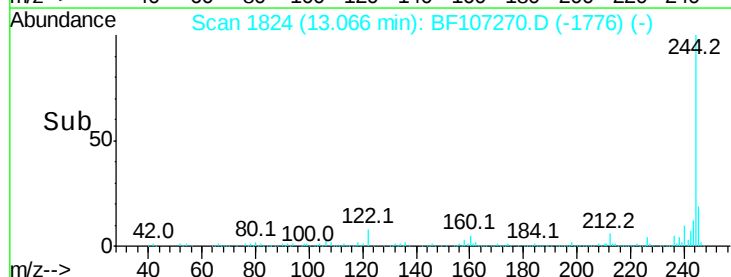
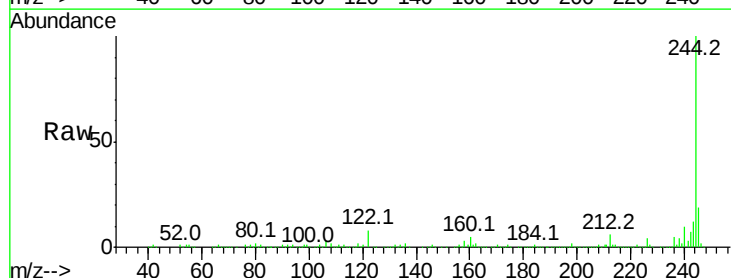
RT: 13.07 min Scan# 1824

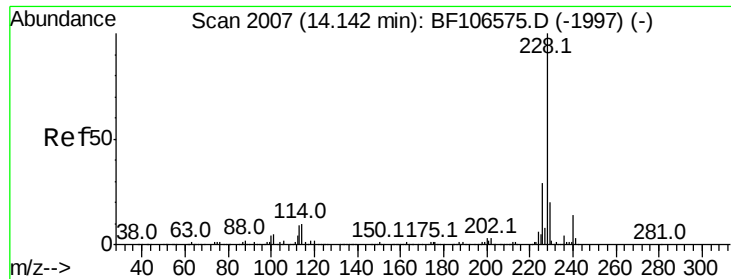
Delta R.T. -0.02 min

Lab File: BF107270.D

Acq: 10 Jul 2018 14:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.0	11.0	16.4#





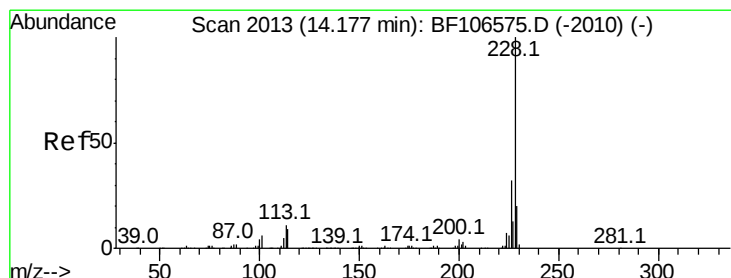
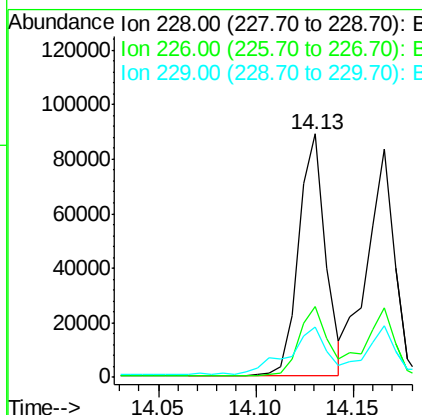
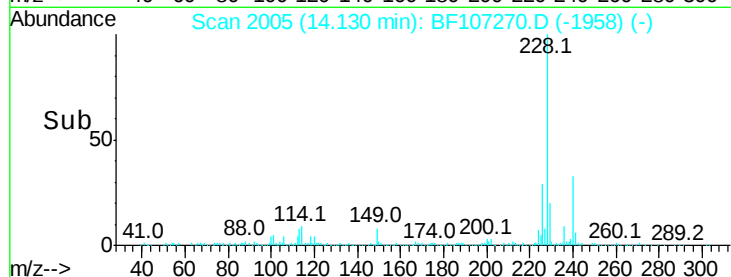
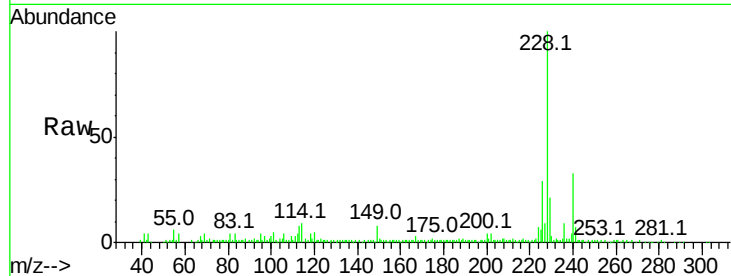
#80
Benzo(a)anthracene
Concen: 14.462 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF107270.D
Acq: 10 Jul 2018 14:08

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-10RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	20.9	15.8	23.6

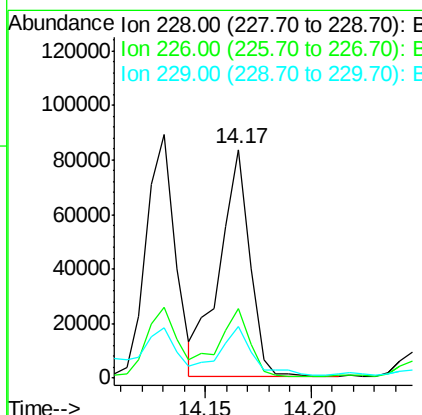
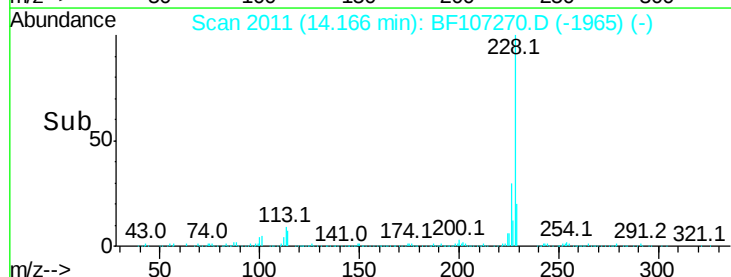
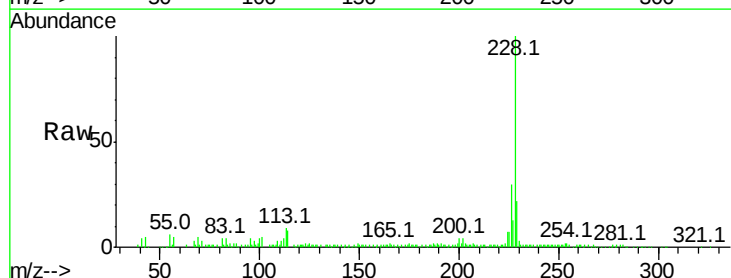
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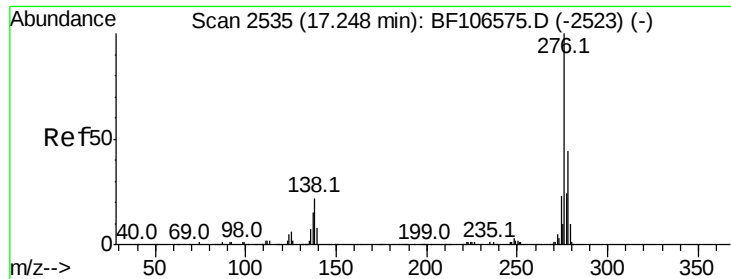
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#82
Chrysene
Concen: 15.285 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.03 min
Lab File: BF107270.D
Acq: 10 Jul 2018 14:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	22.4	16.2	24.4





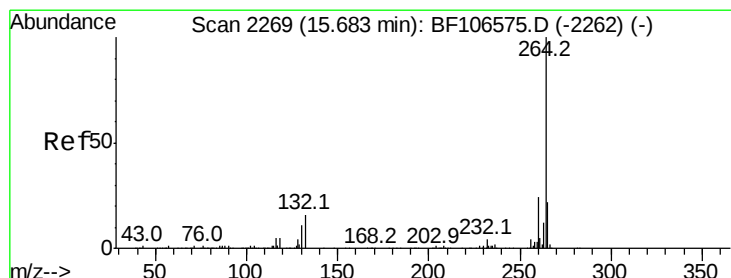
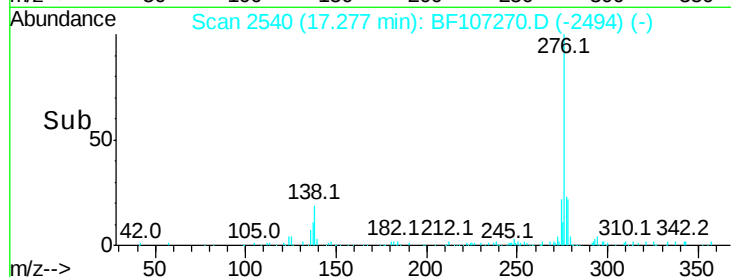
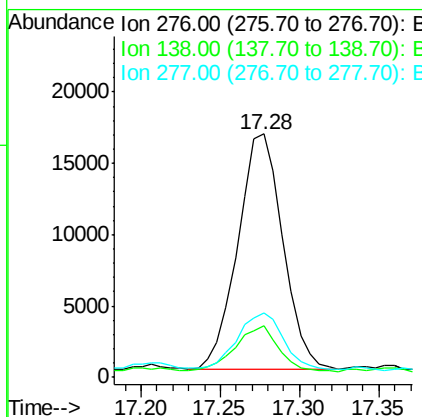
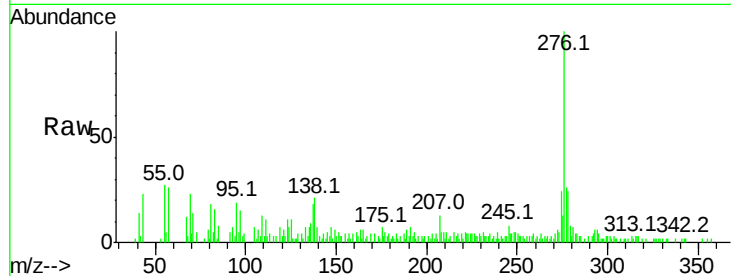
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 7.123 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. -0.03 min
 Lab File: BF107270.D
 Acq: 10 Jul 2018 14:08

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-10RE

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.3	25.0	37.6#
277	24.8	20.1	30.1

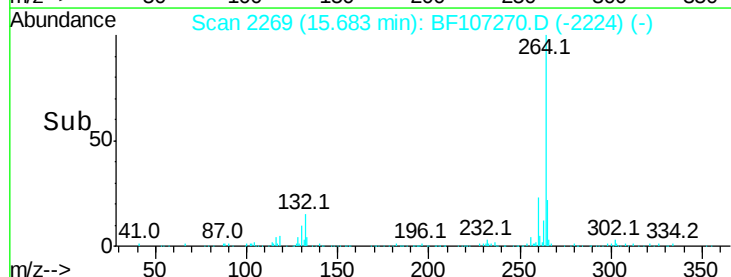
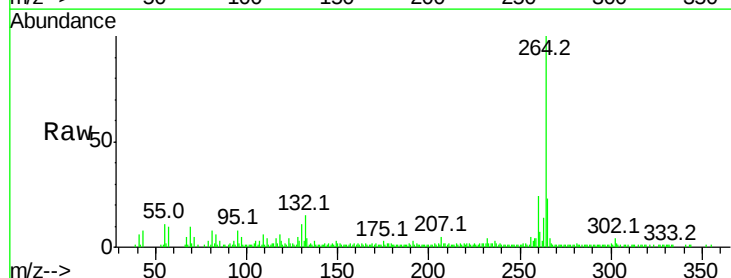
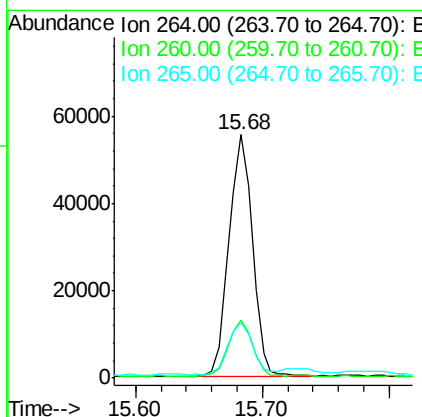
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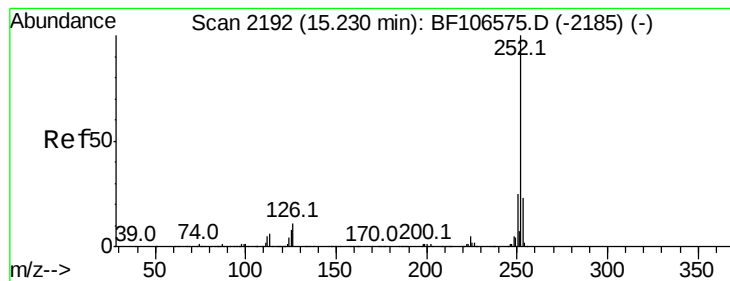
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF107270.D
 Acq: 10 Jul 2018 14:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 20.112 ng m

RT: 15.22 min Scan# 2191

Delta R.T. -0.04 min

Lab File: BF107270.D

Acq: 10 Jul 2018 14:08

Instrument :

BNA_F

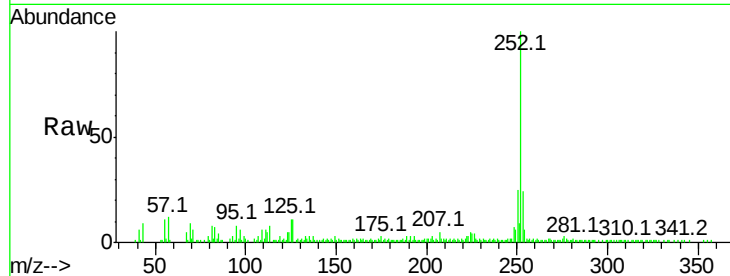
ClientSampleId :

SURCHARGE-SP-10RE

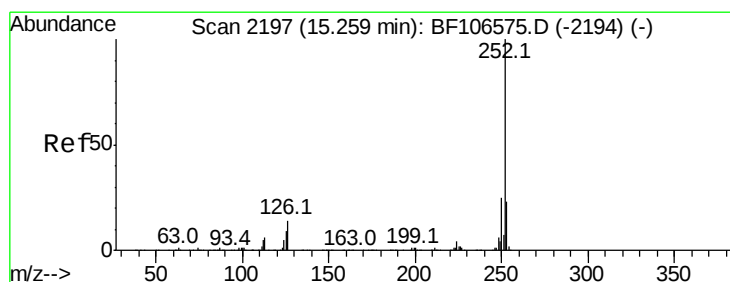
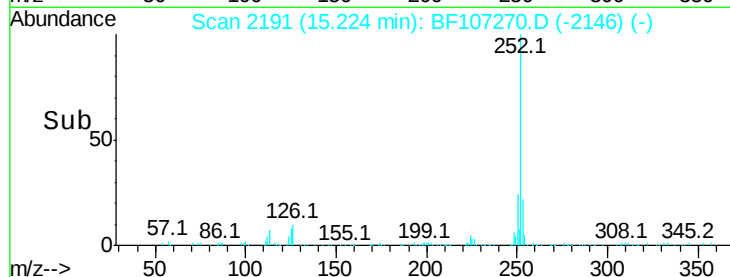
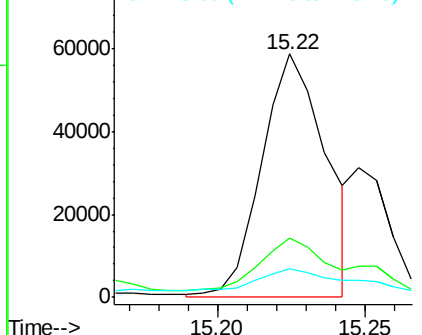
Tot Ion:	252	Resp:	88862
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.0	25.6
125	11.5	9.0	13.6

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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: 7.048 ng m

RT: 15.25 min Scan# 2195

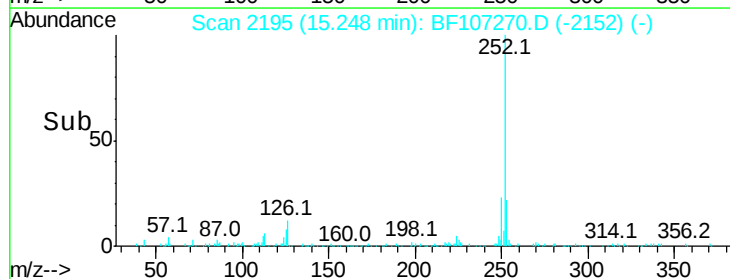
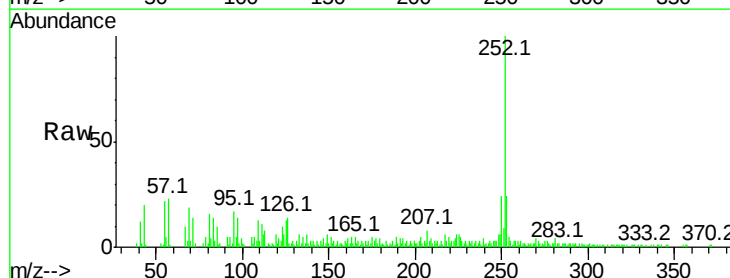
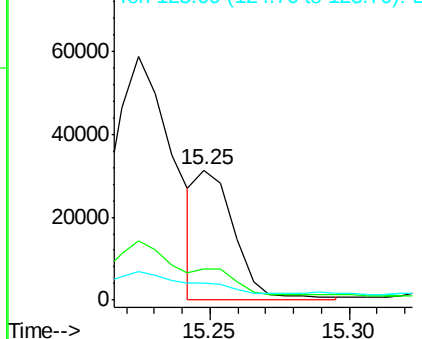
Delta R.T. -0.05 min

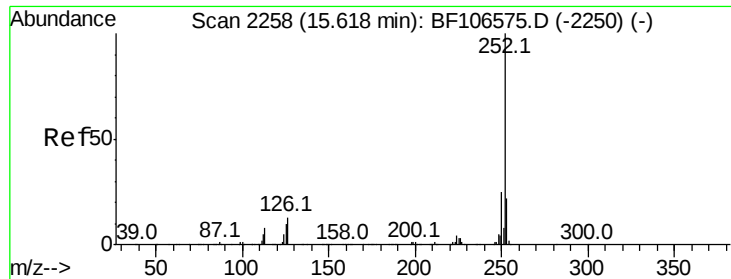
Lab File: BF107270.D

Acq: 10 Jul 2018 14:08

Tgt Ion:	252	Resp:	29656
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.9	26.9
125	13.5	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





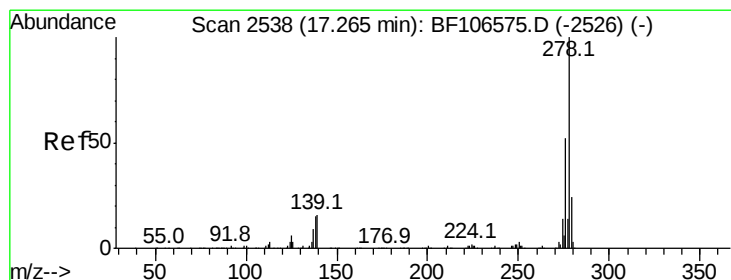
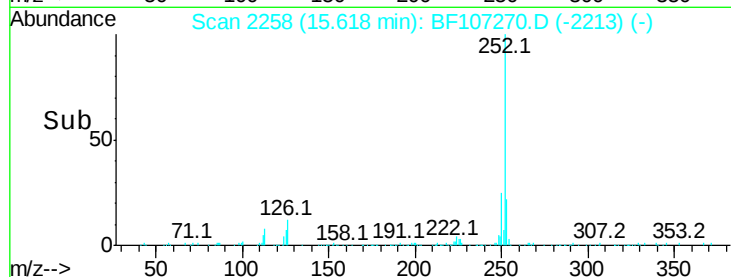
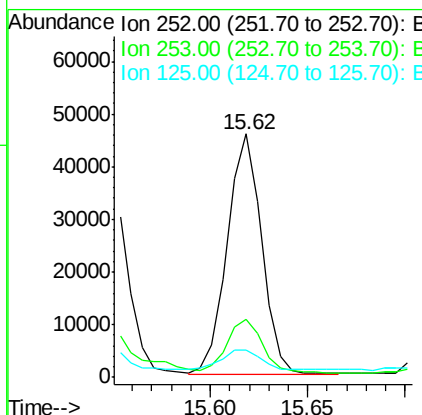
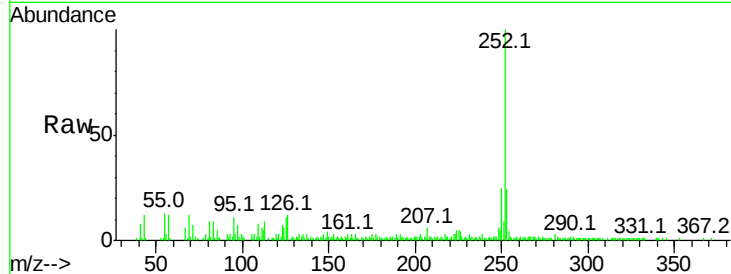
#89
Benzo(a)pyrene
Concen: 14.334 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.04 min
Lab File: BF107270.D
Acq: 10 Jul 2018 14:08

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-10RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	11.1	9.8	14.6

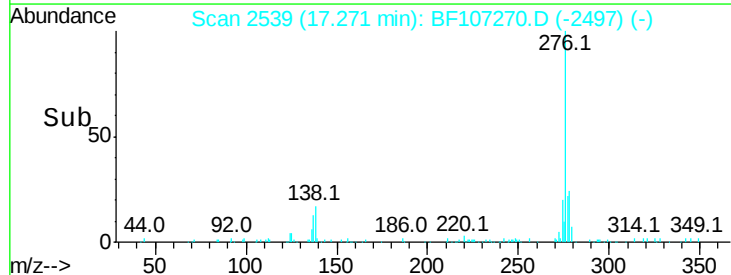
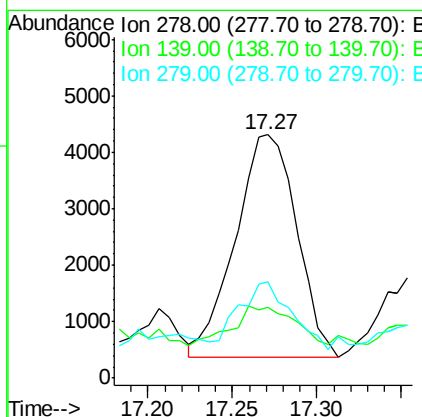
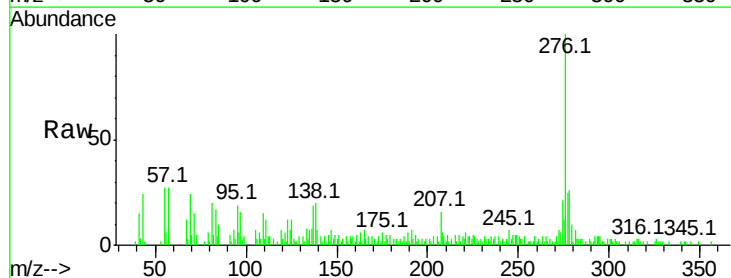
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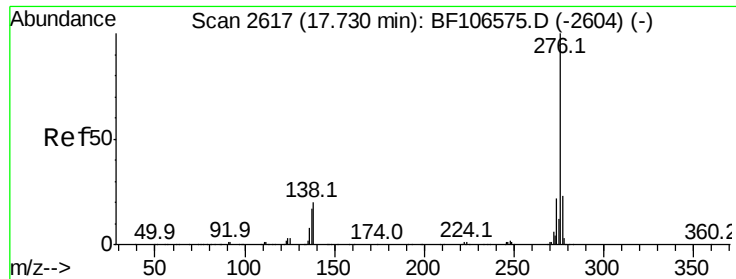
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#90
Dibenzo(a,h)anthracene
Concen: 2.966 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.05 min
Lab File: BF107270.D
Acq: 10 Jul 2018 14:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.9	15.9	23.9#
279	39.4	19.0	28.4#





#91
 Benzo(a,h,i)perylene
 Concen: 9.795 ng
 RT: 17.77 min Scan# 2623
 Delta R.T. -0.02 min
 Lab File: BF107270.D
 Acq: 10 Jul 2018 14:08

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-10RE

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.8	17.9	26.9
138	19.6	21.8	32.8

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