

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
 Data File : BF107284.D
 Acq On : 10 Jul 2018 20:22
 Operator : JU/SJ
 Sample : J3880-13RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-17RE

Manual Integrations
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 7/11/2018 11:23:01 AM

Quant Time: Jul 11 01:55:42 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	25224	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	85581	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	40434	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	88238	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	77826	20.00	ng	-0.03
86) Perylene-d12	15.68	264	56980	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	160230	107.56	ng	-0.01
7) Phenol-d6	6.59	99	184599	99.23	ng	-0.02
23) Nitrobenzene-d5	7.50	82	104921	68.13	ng	-0.04
41) 2,4,6-Tribromophenol	10.78	330	54184	115.62	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	203188	85.07	ng	-0.03
78) Terphenyl-d14	13.06	244	291944	90.87	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.69	163	48601	16.026	ng	Qvalue 99
70) Phenanthrene	11.50	178	37807	8.883	ng	96
71) Anthracene	11.55	178	13512	3.110	ng	99
74) Fluoranthene	12.70	202	89897	19.164	ng	96
77) Pyrene	12.93	202	84854	16.534	ng	99
80) Benzo(a)anthracene	14.12	228	49061	10.343	ng	97
82) Chrysene	14.16	228	41821	9.584	ng	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	20620	5.568	ng	# 93
87) Benzo(b)fluoranthene	15.21	252	47394m	13.390	ng	
88) Benzo(k)fluoranthene	15.24	252	13003m	3.858	ng	
89) Benzo(a)pyrene	15.61	252	29371	9.334	ng	96
90) Dibenzo(a,h)anthracene	17.25	278	6993	2.622	ng	# 80
91) Benzo(a,h,i)perylene	17.75	276	18933	7.264	ng	# 91

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

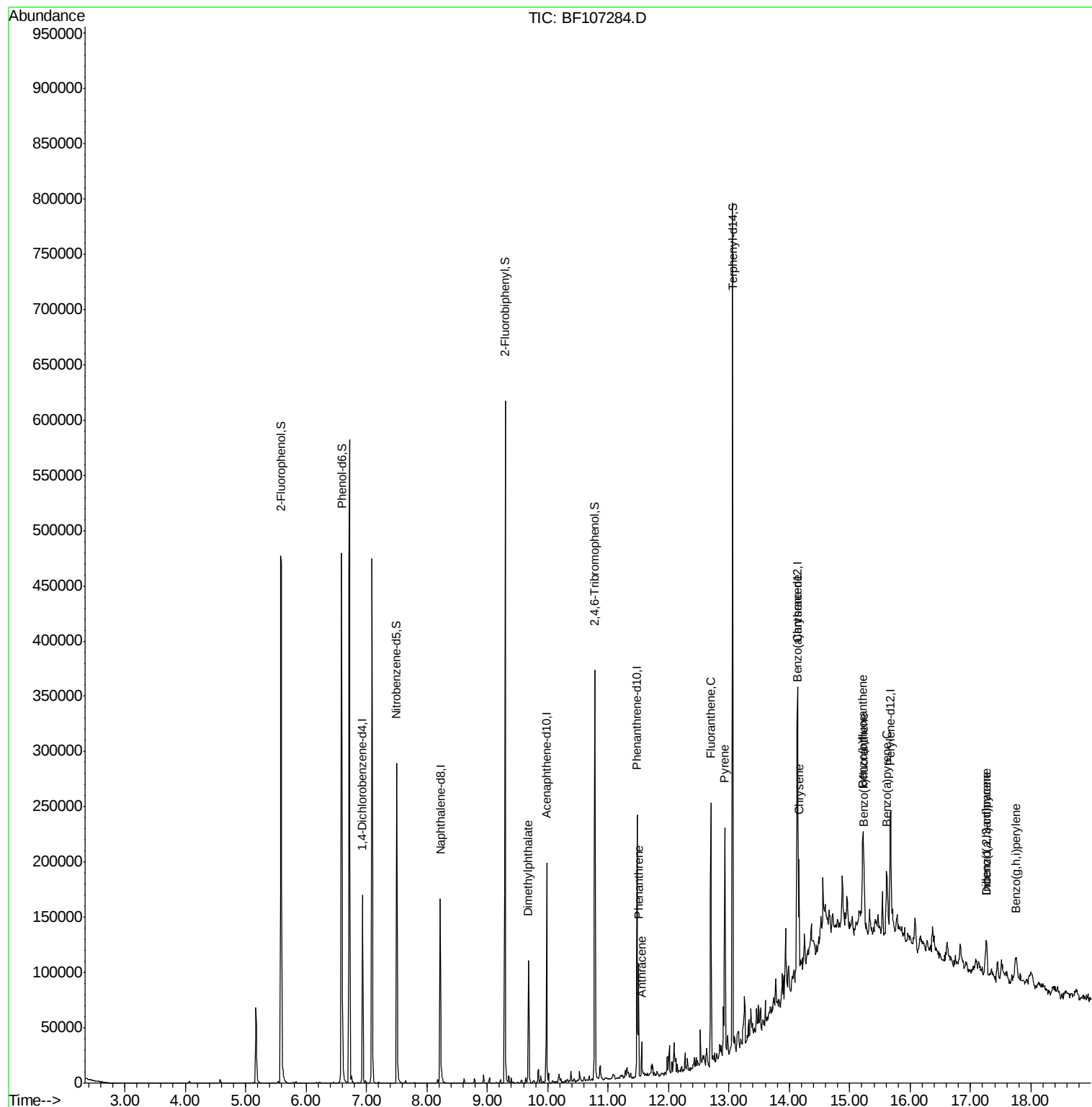
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
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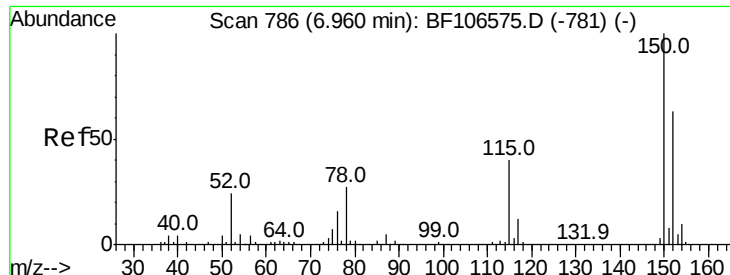
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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#1

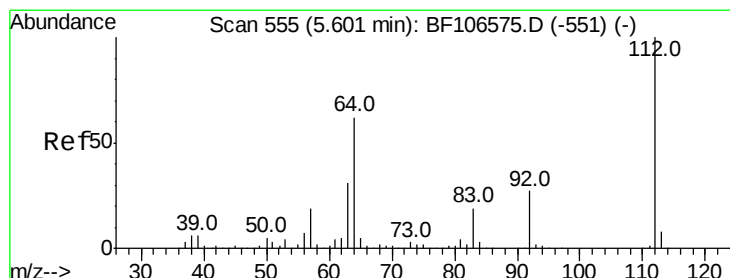
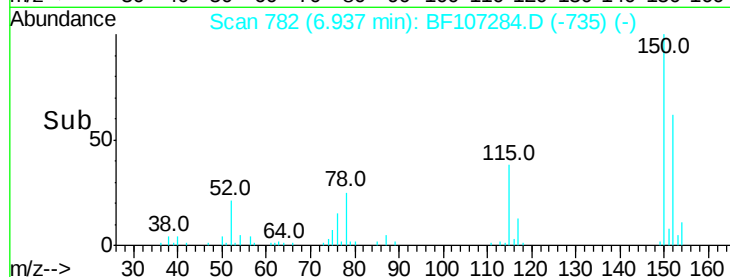
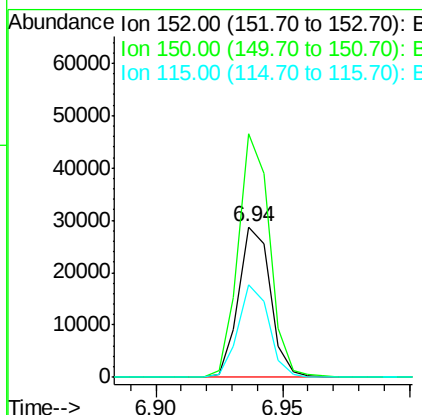
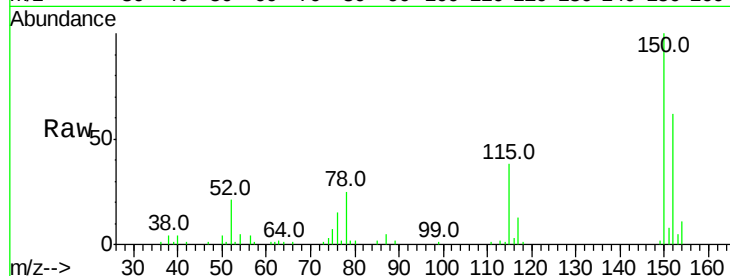
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF107284.D
 Acq: 10 Jul 2018 20:22

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-17RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	124.6	186.8
115	61.3	50.1	75.1

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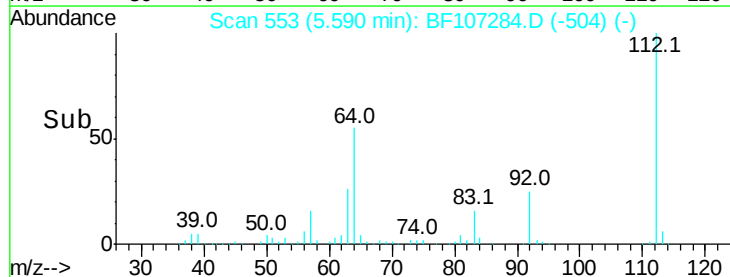
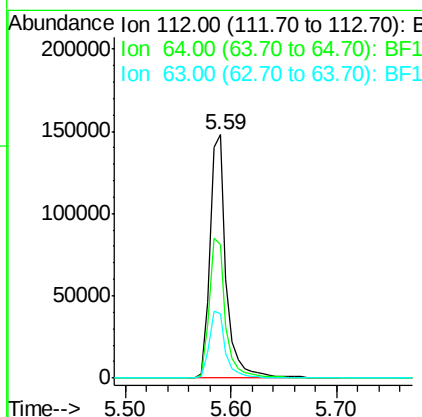
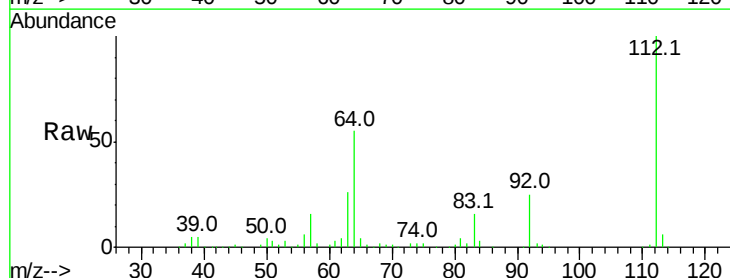
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#5

2-Fluorophenol
 Concen: 107.564 ng
 RT: 5.59 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF107284.D
 Acq: 10 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	47.9	71.9
63	26.4	23.7	35.5





#7

Phenol-d6

Concen: 99.234 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107284.D

Acq: 10 Jul 2018 20:22

Instrument :

BNA_F

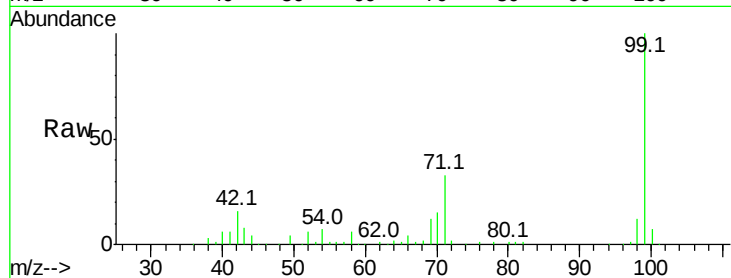
ClientSampleId :

SURCHARGE-SP-17RE

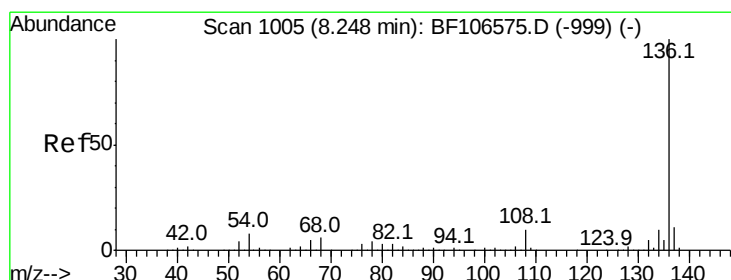
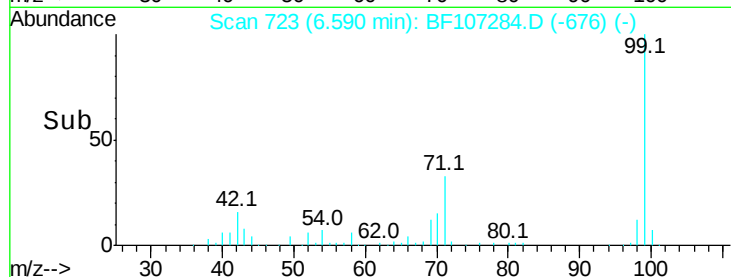
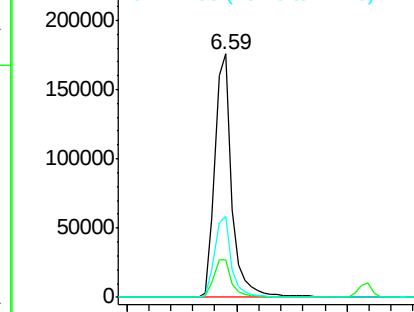
Tot Ion:	99	Resp:	184599
Ion Ratio	Lower	Upper	
99	100		
42	15.5	14.5	21.7
71	33.4	25.4	38.0

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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

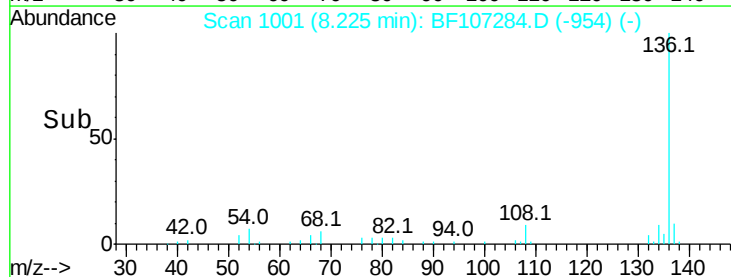
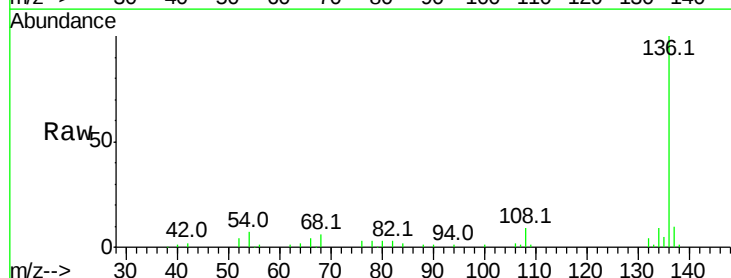
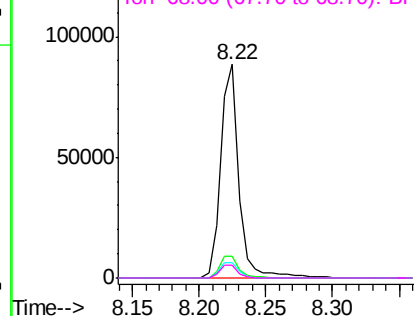
Delta R.T. -0.02 min

Lab File: BF107284.D

Acq: 10 Jul 2018 20:22

Tgt Ion:	136	Resp:	85581
Ion Ratio	Lower	Upper	
136	100		
137	10.1	8.9	13.3
54	7.3	6.6	9.8
68	6.2	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





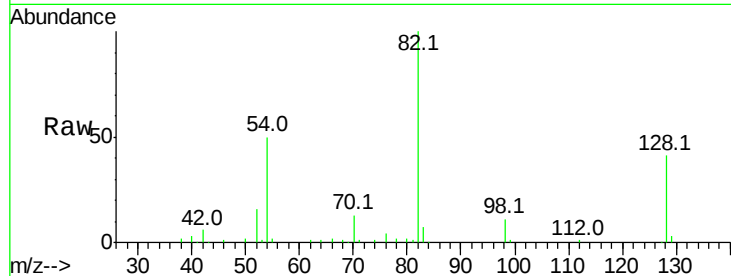
#23
 Nitrobenzene-d5
 Concen: 68.132 ng
 RT: 7.50 min Scan# 878
 Delta R.T. -0.04 min
 Lab File: BF107284.D
 Acq: 10 Jul 2018 20:22

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-17RE

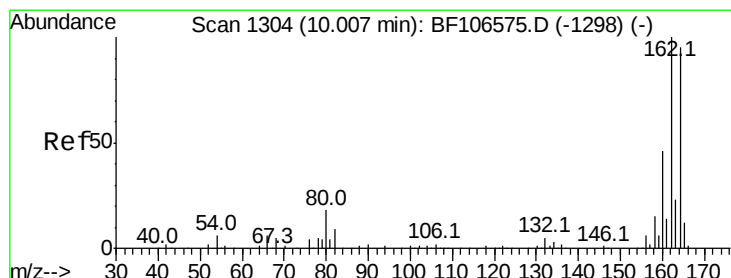
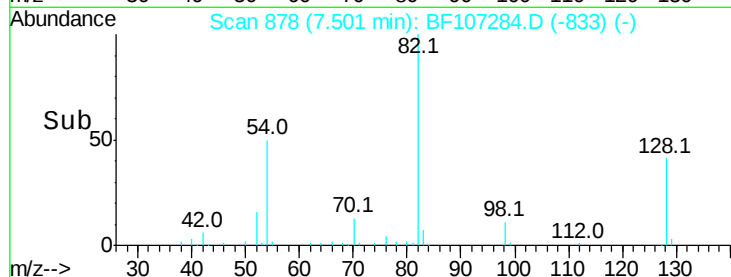
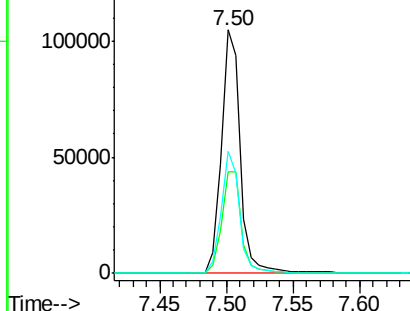
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.1	54.1
54	49.9	41.4	62.2

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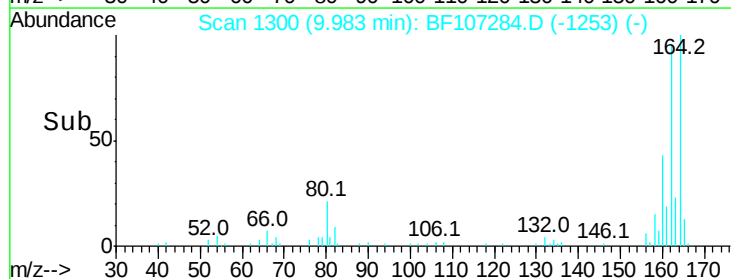
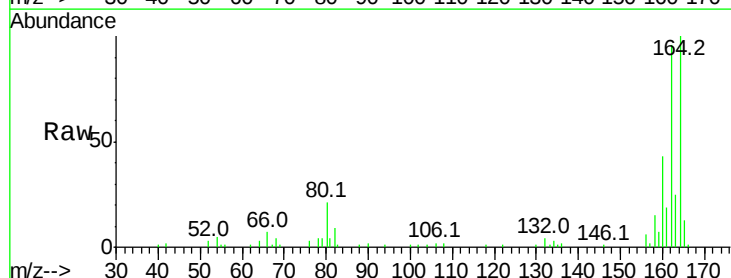
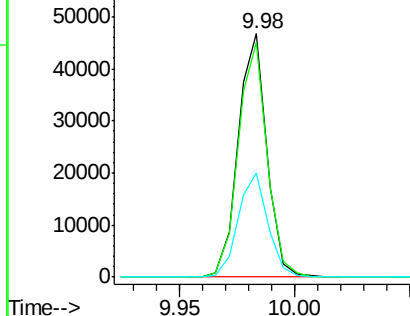
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF107284.D
 Acq: 10 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.4	86.1	129.1
160	42.7	38.3	57.5

Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





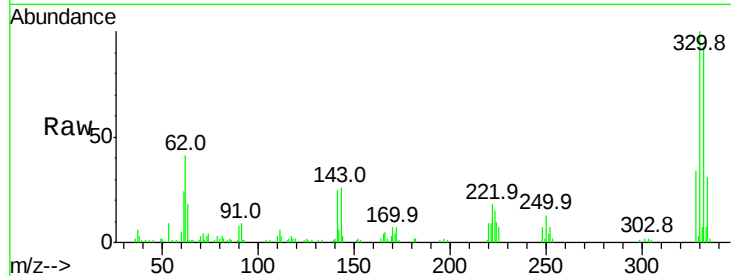
#41
 2,4,6-Tribromophenol
 Concen: 115.619 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF107284.D
 Acq: 10 Jul 2018 20:22

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-17RE

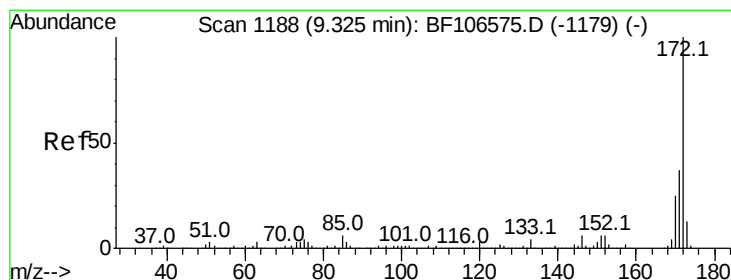
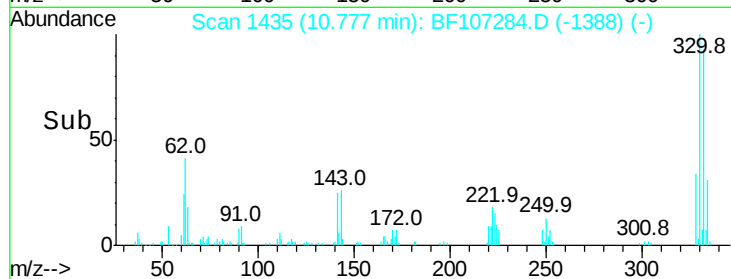
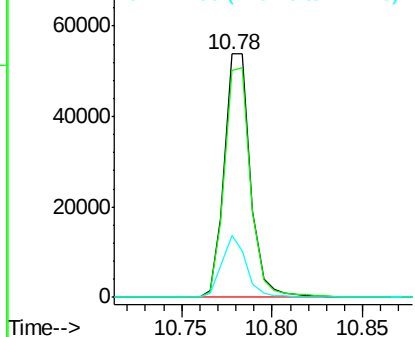
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	23.8	29.9	44.9#

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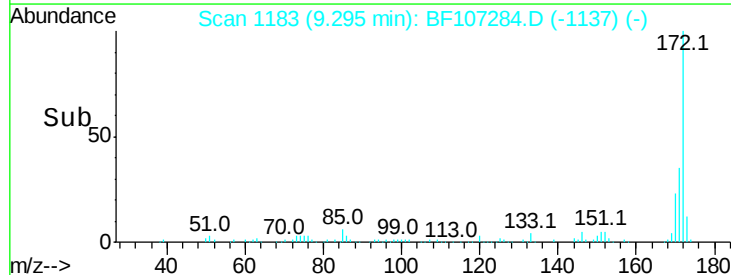
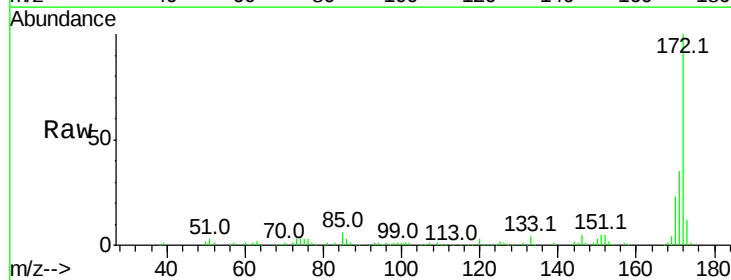
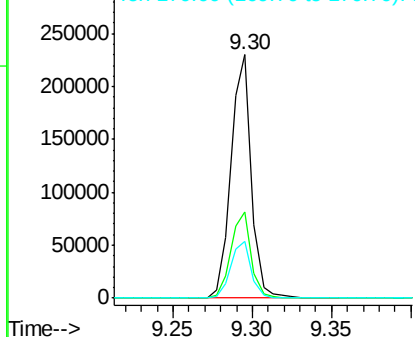
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.069 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: BF107284.D
 Acq: 10 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.2	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: 16.026 ng

RT: 9.69 min Scan# 1250

Delta R.T. -0.04 min

Lab File: BF107284.D

Acq: 10 Jul 2018 20:22

Instrument :

BNA_F

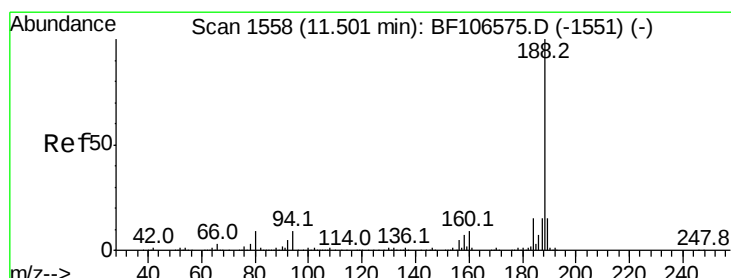
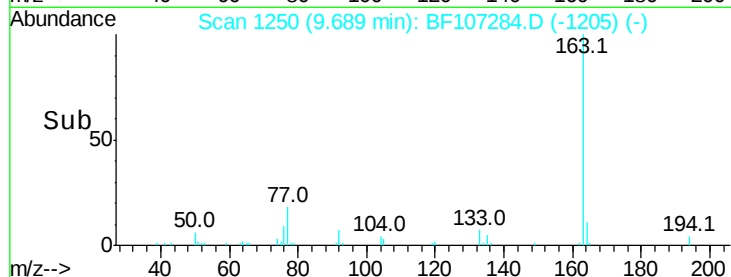
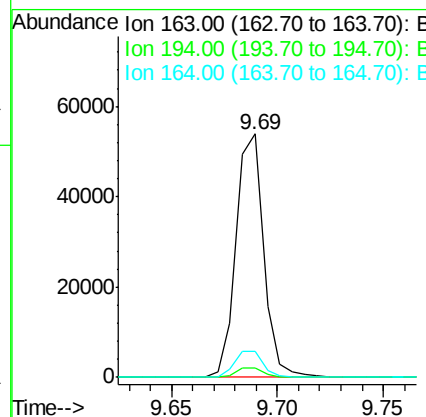
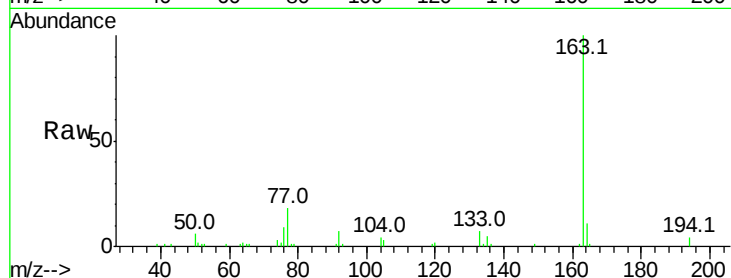
ClientSampleId :

SURCHARGE-SP-17RE

Tot Ion:	163	Resp:	48601
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.7	4.1
164	10.7	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

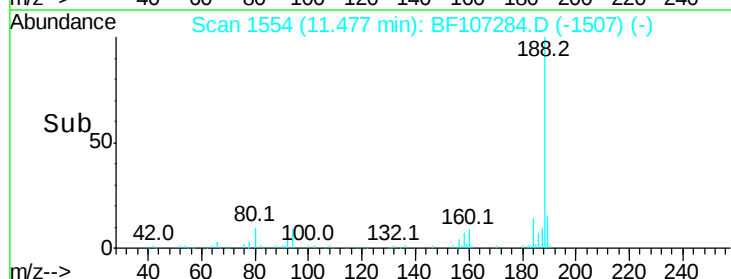
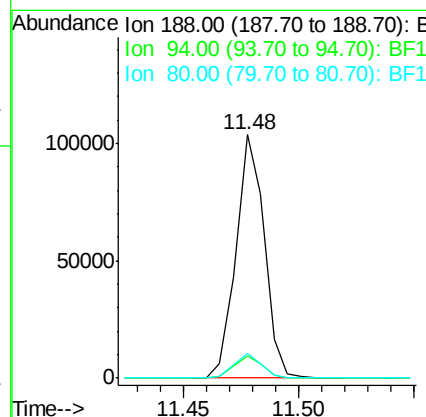
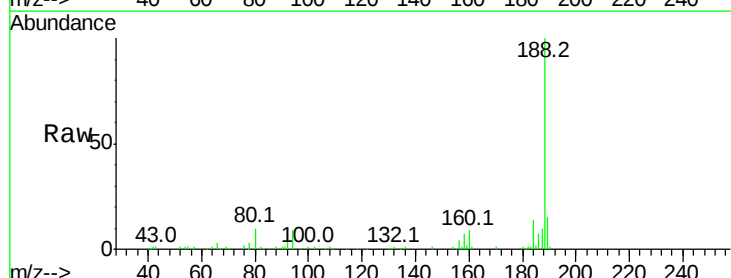
RT: 11.48 min Scan# 1554

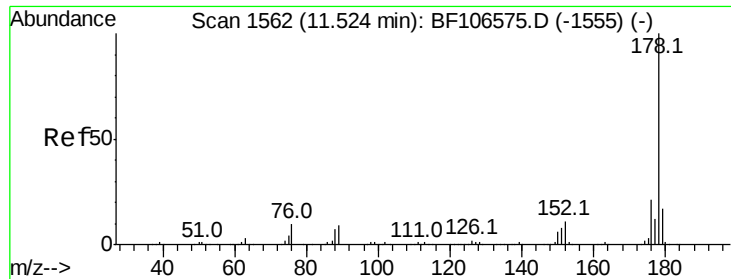
Delta R.T. -0.02 min

Lab File: BF107284.D

Acq: 10 Jul 2018 20:22

Tgt Ion:	188	Resp:	88238
Ion Ratio	Lower	Upper	
188	100		
94	8.9	8.5	12.7
80	10.1	9.2	13.8





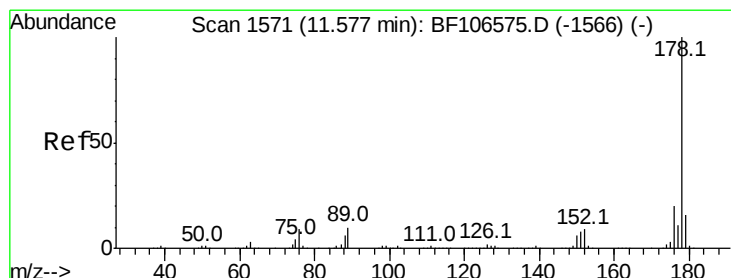
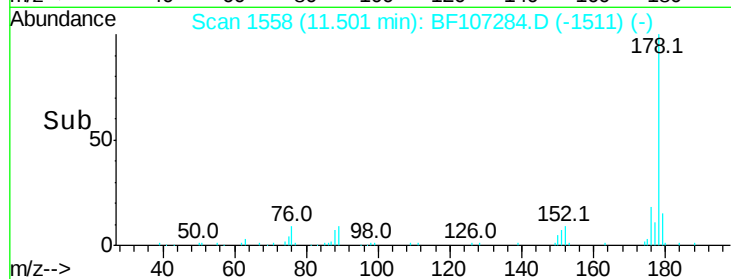
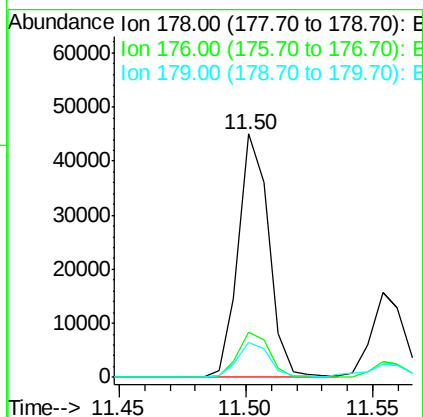
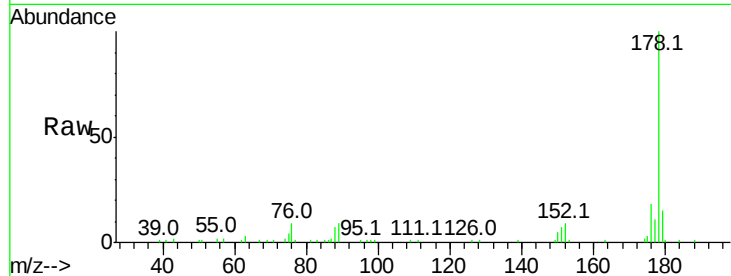
#70
Phenanthrene
Concen: 8.883 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.02 min
Lab File: BF107284.D
Acq: 10 Jul 2018 20:22

Instrument :
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SURCHARGE-SP-17RE

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	14.6	13.0	19.6

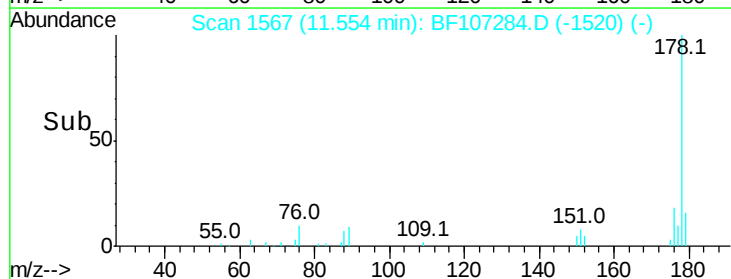
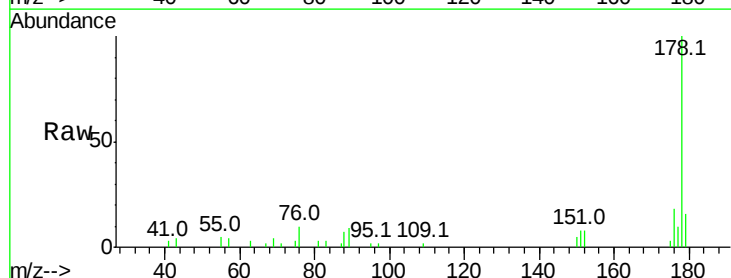
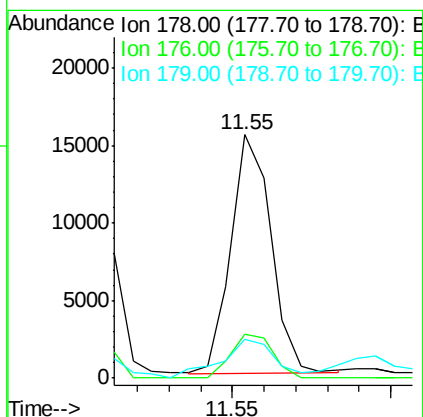
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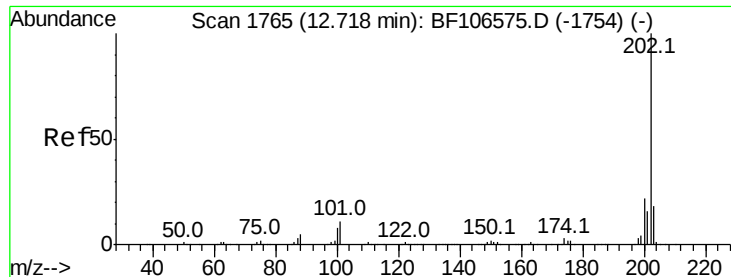
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#71
Anthracene
Concen: 3.110 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF107284.D
Acq: 10 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.8	12.6	19.0





#74

Fluoranthene

Concen: 19.164 ng

RT: 12.70 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BF107284.D

Acq: 10 Jul 2018 20:22

Instrument :

BNA_F

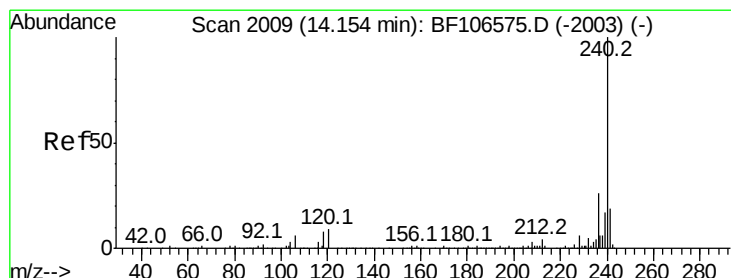
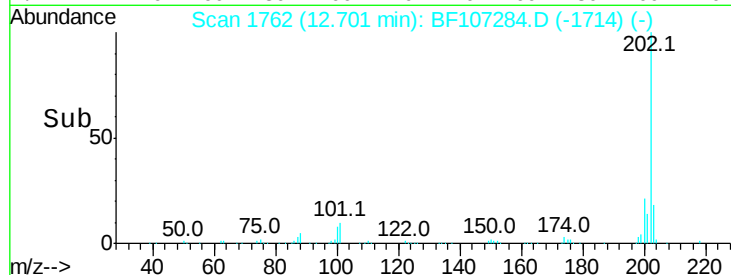
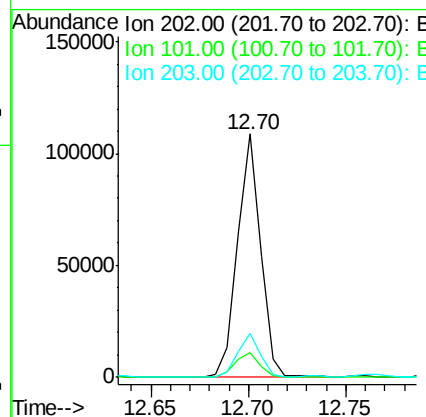
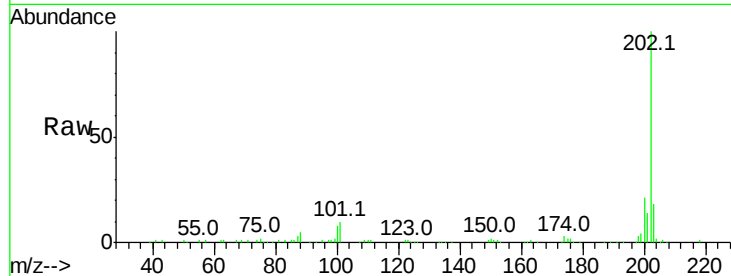
ClientSampleId :

SURCHARGE-SP-17RE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.4	0.0	34.1
203	17.9	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

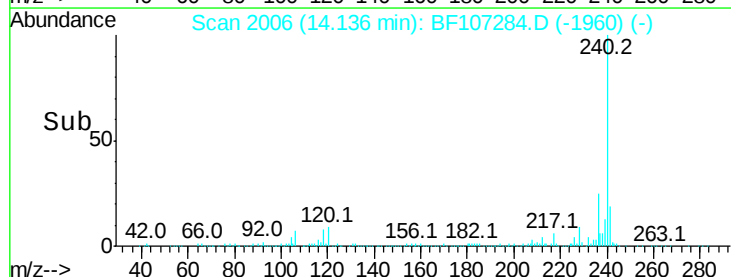
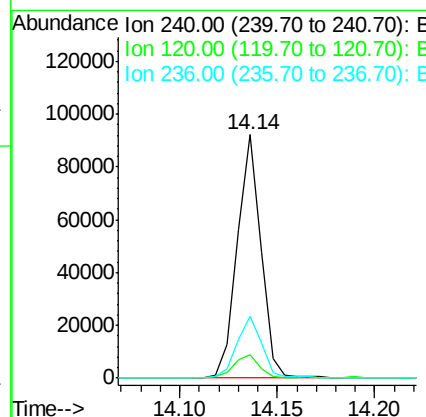
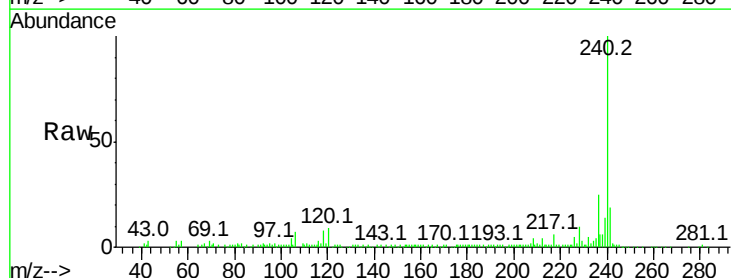
RT: 14.14 min Scan# 2006

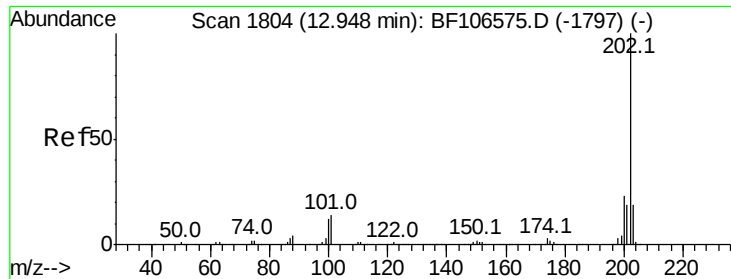
Delta R.T. -0.03 min

Lab File: BF107284.D

Acq: 10 Jul 2018 20:22

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.5	9.5	14.3#
236	25.4	20.7	31.1





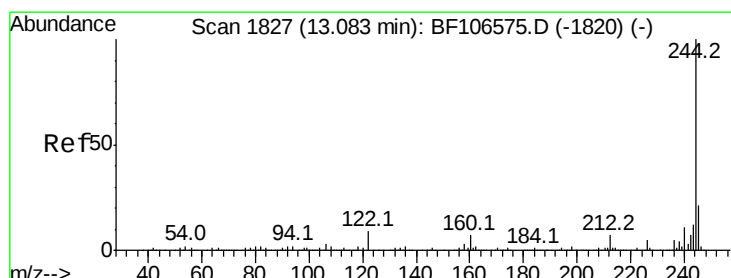
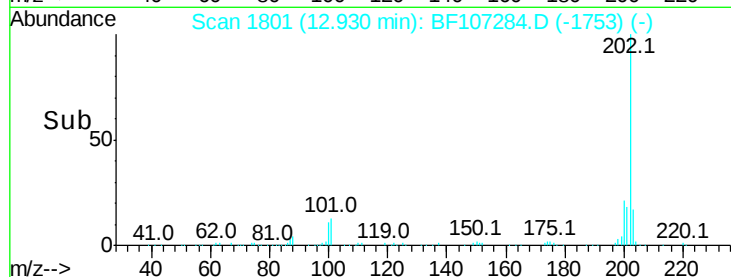
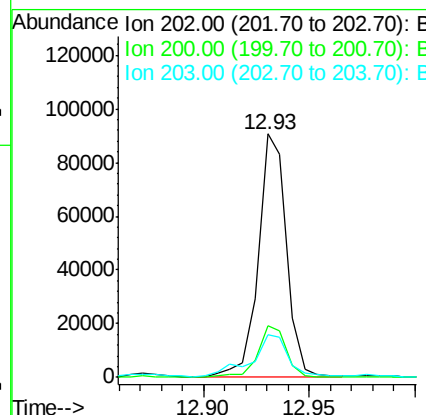
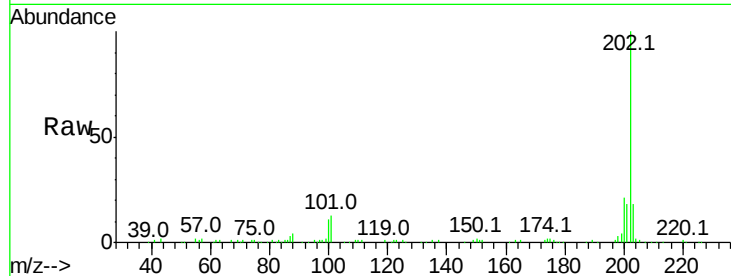
#77
Pvrene
Concen: 16.534 ng
RT: 12.93 min Scan# 1801
Delta R.T. -0.02 min
Lab File: BF107284.D
Acq: 10 Jul 2018 20:22

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-17RE

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.5	14.3	21.5

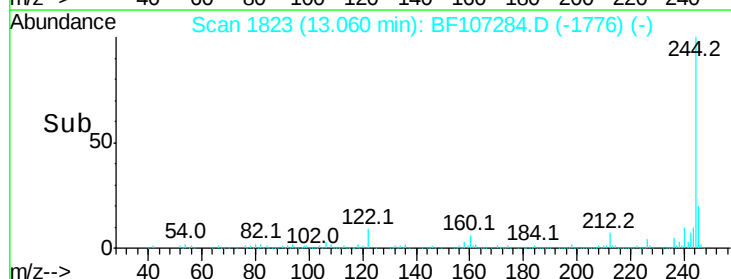
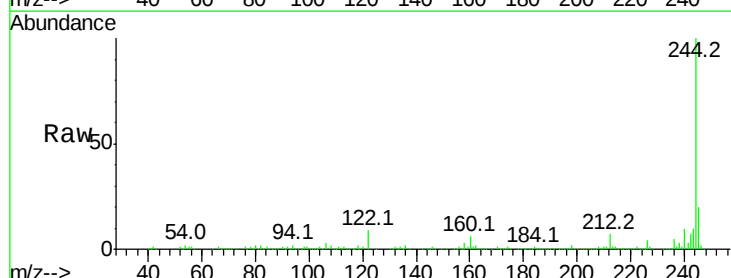
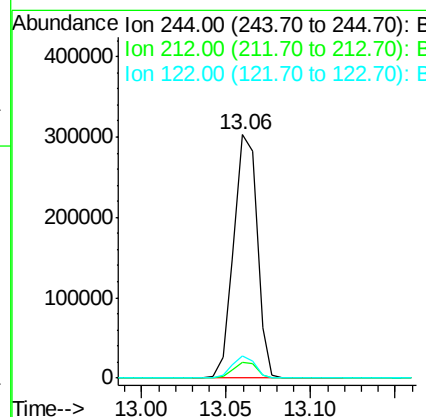
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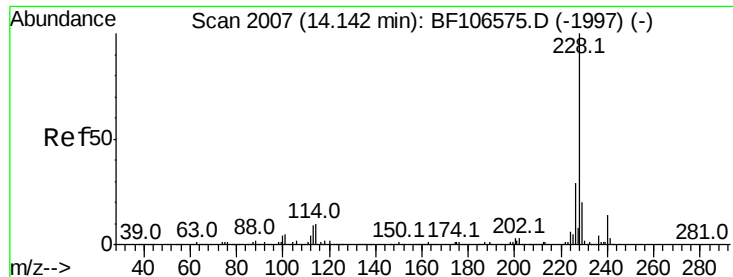
Sohil
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#78
Terphenyl-d14
Concen: 90.866 ng
RT: 13.06 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF107284.D
Acq: 10 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.3	11.0	16.4





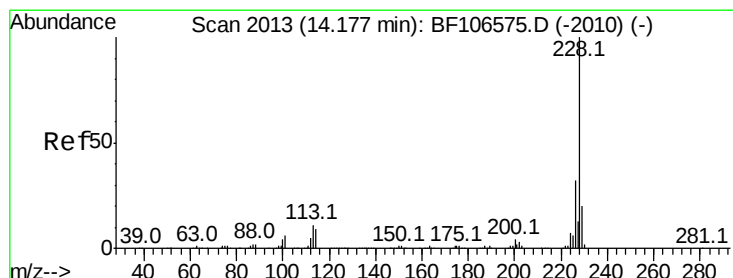
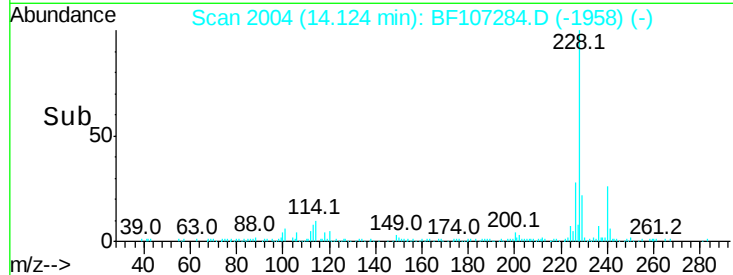
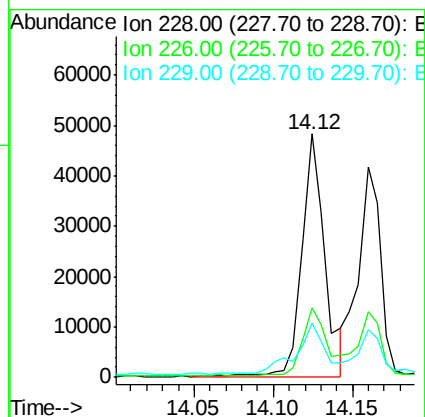
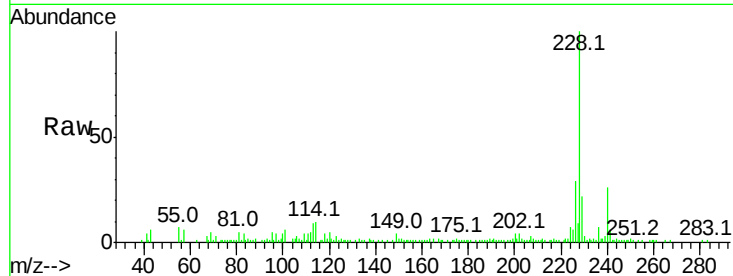
#80
Benzo(a)anthracene
Concen: 10.343 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BF107284.D
Acq: 10 Jul 2018 20:22

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-17RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	22.3	15.8	23.6

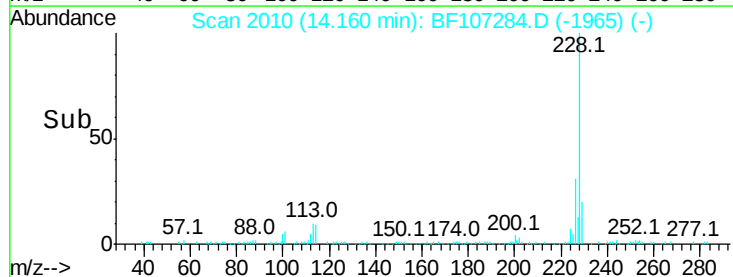
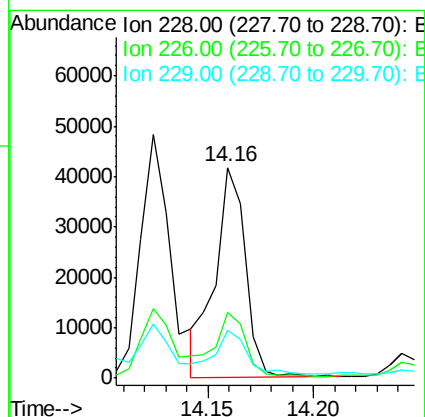
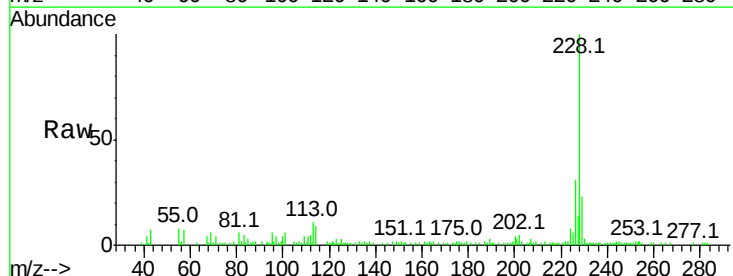
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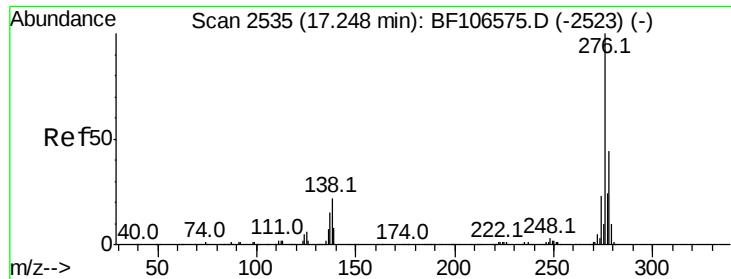
Sohil
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#82
Chrysene
Concen: 9.584 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.04 min
Lab File: BF107284.D
Acq: 10 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	22.7	16.2	24.4





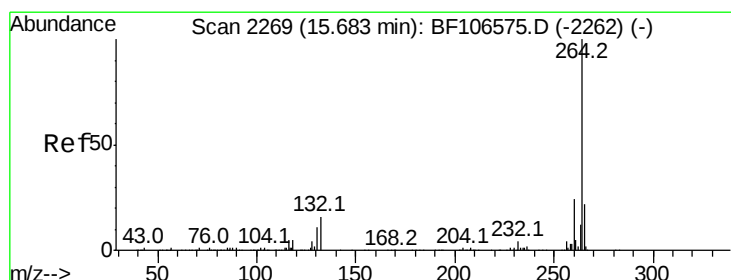
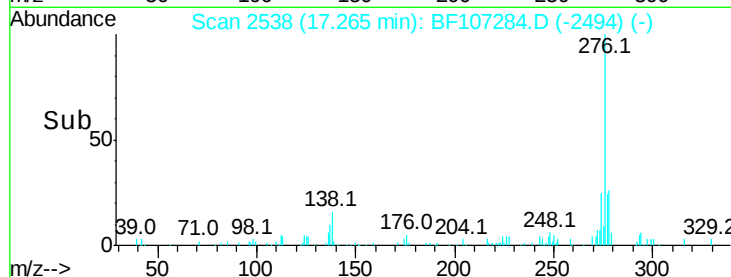
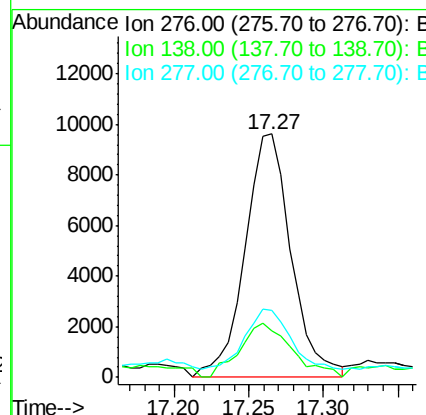
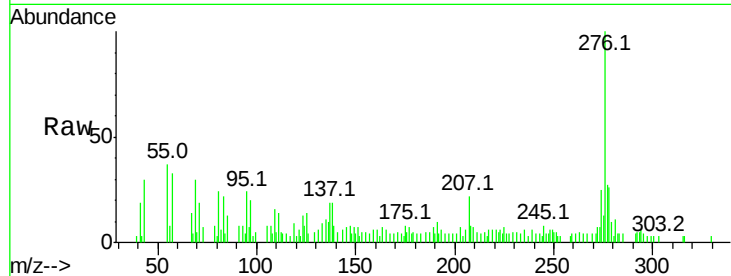
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.568 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.04 min
Lab File: BF107284.D
Acq: 10 Jul 2018 20:22

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-17RE

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	25.0	37.6#
277	23.9	20.1	30.1

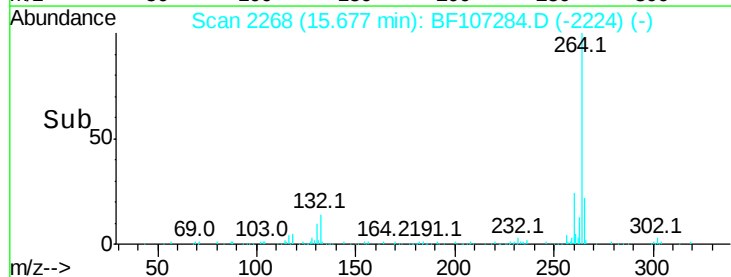
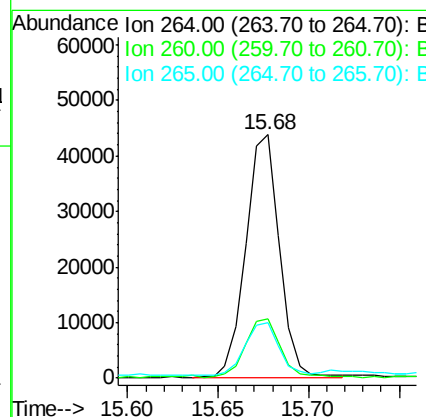
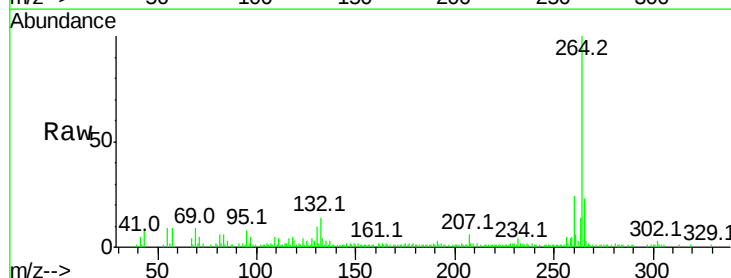
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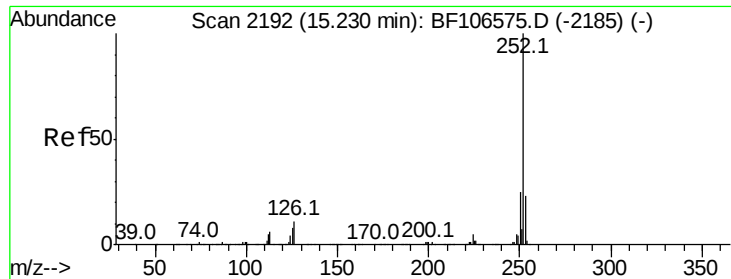
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF107284.D
Acq: 10 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 13.390 ng m

RT: 15.21 min Scan# 2189

Delta R.T. -0.05 min

Lab File: BF107284.D

Acq: 10 Jul 2018 20:22

Instrument :

BNA_F

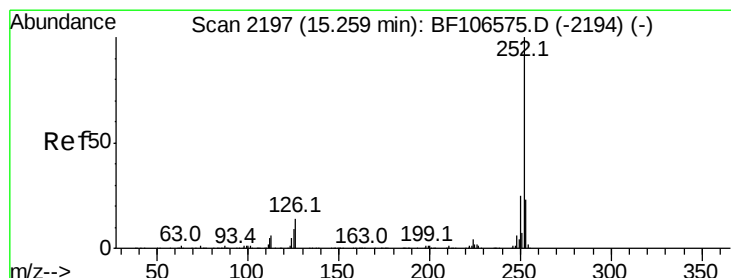
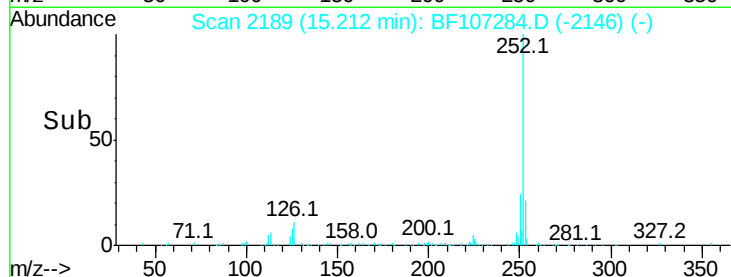
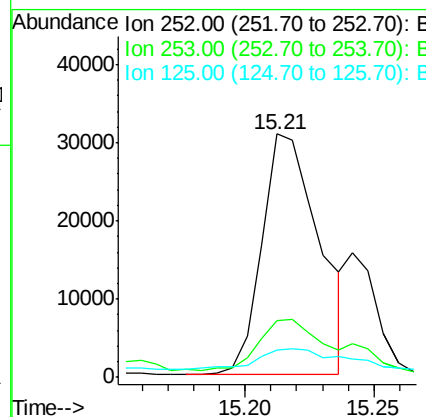
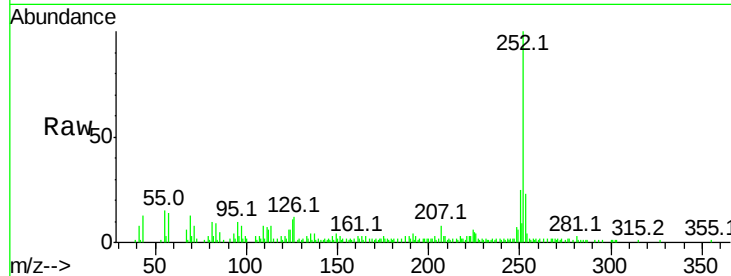
ClientSampleId :

SURCHARGE-SP-17RE

Tot Ion:	252	Resp:	47394
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.0	25.6
125	11.5	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 3.858 ng m

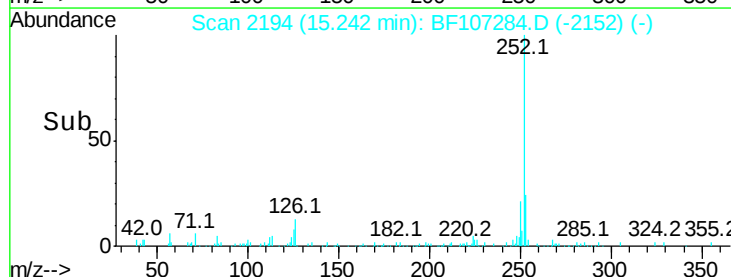
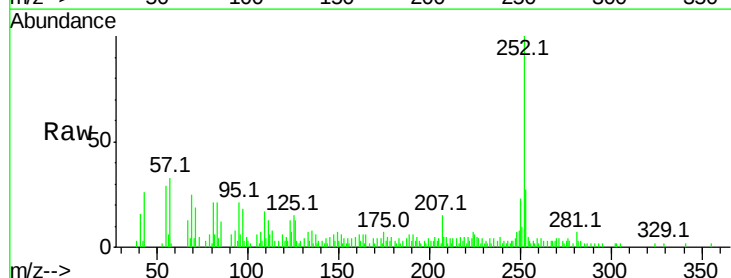
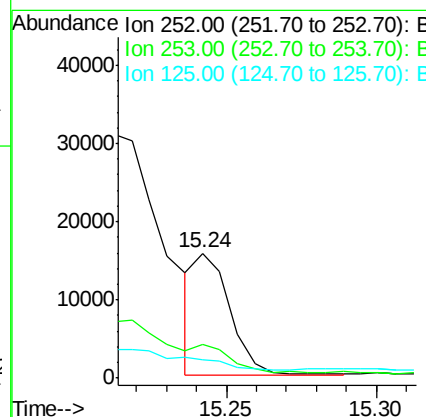
RT: 15.24 min Scan# 2194

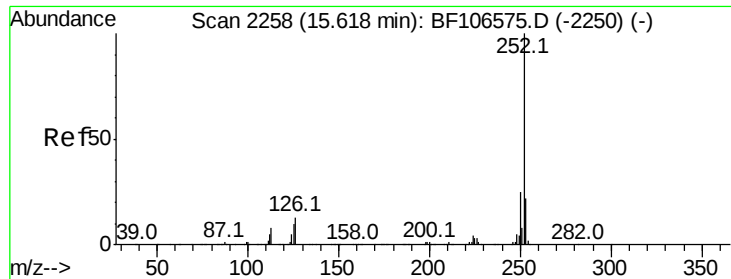
Delta R.T. -0.05 min

Lab File: BF107284.D

Acq: 10 Jul 2018 20:22

Tgt Ion:	252	Resp:	13003
Ion Ratio	Lower	Upper	
252	100		
253	27.0	17.9	26.9#
125	14.7	10.2	15.2





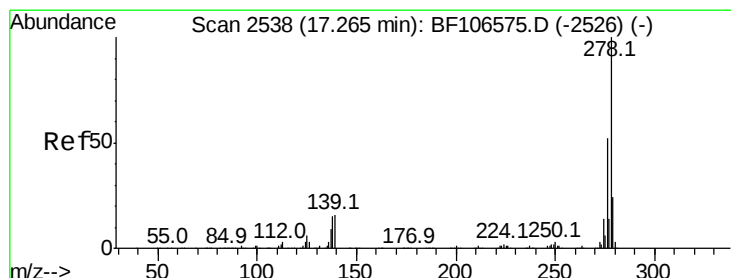
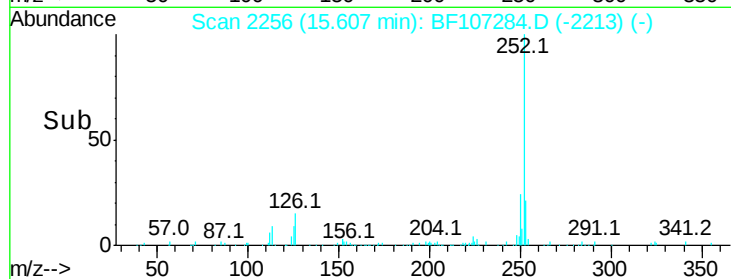
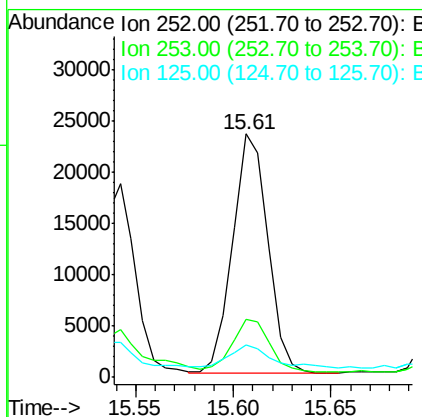
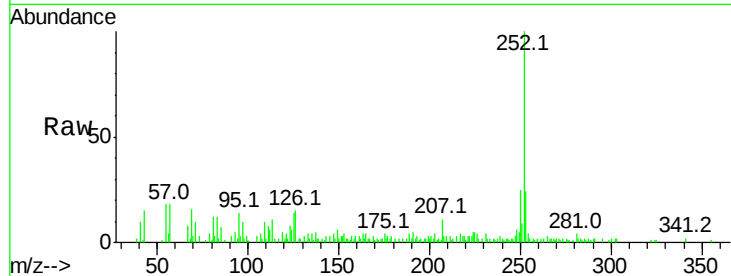
#89
Benzo(a)pyrene
Concen: 9.334 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.05 min
Lab File: BF107284.D
Acq: 10 Jul 2018 20:22

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-17RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	13.5	9.8	14.6

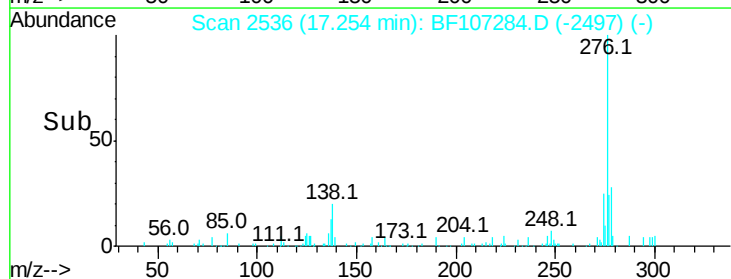
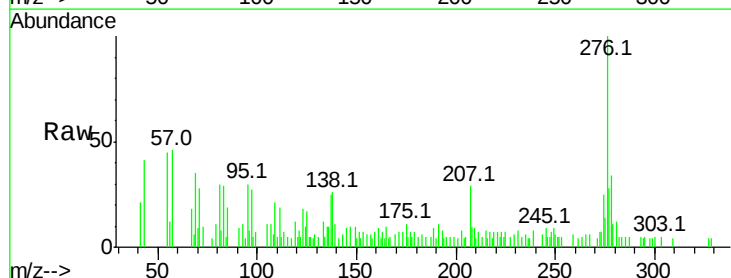
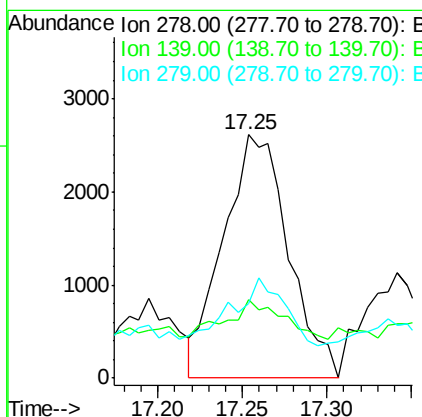
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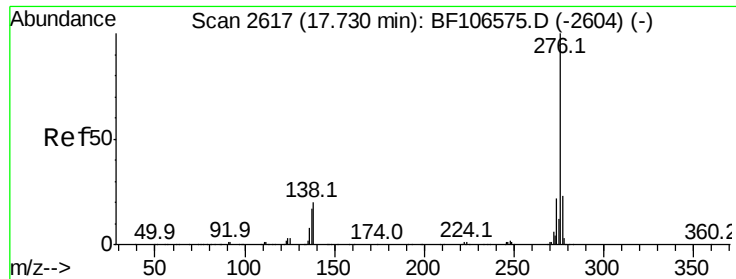
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#90
Dibenzo(a,h)anthracene
Concen: 2.622 ng
RT: 17.25 min Scan# 2536
Delta R.T. -0.07 min
Lab File: BF107284.D
Acq: 10 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.5	15.9	23.9#
279	30.7	19.0	28.4#





#91
 Benzo(a,h,i)perylene
 Concen: 7.264 ng
 RT: 17.75 min Scan# 2620
 Delta R.T. -0.04 min
 Lab File: BF107284.D
 Acq: 10 Jul 2018 20:22

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-17RE

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.6	17.9	26.9#
138	23.4	21.8	32.8

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