

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
 Data File : BF107240.D
 Acq On : 9 Jul 2018 20:21
 Operator : JU/SJ
 Sample : J3879-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-7

Manual Integrations
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Sohil
 7/10/2018 2:46:50 PM

Quant Time: Jul 10 04:41:45 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	6.95	152	37566	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	129917	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	58173	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	117339	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	90554	20.00	ng	-0.02
86) Perylene-d12	15.69	264	68508	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	216357	97.52	ng	0.00
7) Phenol-d6	6.60	99	260204	93.92	ng	-0.01
23) Nitrobenzene-d5	7.51	82	147362	63.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	66427	98.52	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	269425	77.01	ng	-0.02
78) Terphenyl-d14	13.08	244	337875	90.38	ng	0.00

Target Compounds				Qvalue		
31) Naphthalene	8.25	128	12499	2.058	ng	98
49) Dimethylphthalate	9.70	163	85014	19.485	ng	97
51) Acenaphthene	10.02	154	7905	2.179	ng	97
57) Fluorene	10.54	166	9377	2.379	ng	# 96
70) Phenanthrene	11.51	178	135151	23.880	ng	99
71) Anthracene	11.57	178	41584	7.199	ng	98
72) Carbazole	11.72	167	13686	2.531	ng	96
74) Fluoranthene	12.71	202	244695	39.227	ng	96
77) Pyrene	12.95	202	228931	38.338	ng	100
80) Benzo(a)anthracene	14.14	228	102983	18.660	ng	98
82) Chrysene	14.18	228	93995	18.512	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	9367	2.984	ng	# 89
85) Indeno(1,2,3-cd)pyrene	17.29	276	42605	9.888	ng	# 86
87) Benzo(b)fluoranthene	15.24	252	93980m	22.083	ng	
88) Benzo(k)fluoranthene	15.26	252	30322m	7.482	ng	
89) Benzo(a)pyrene	15.63	252	66000	17.446	ng	97
90) Dibenzo(a,h)anthracene	17.29	278	11400	3.556	ng	# 84
91) Benzo(g,h,i)perylene	17.79	276	41058	13.102	ng	# 87

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

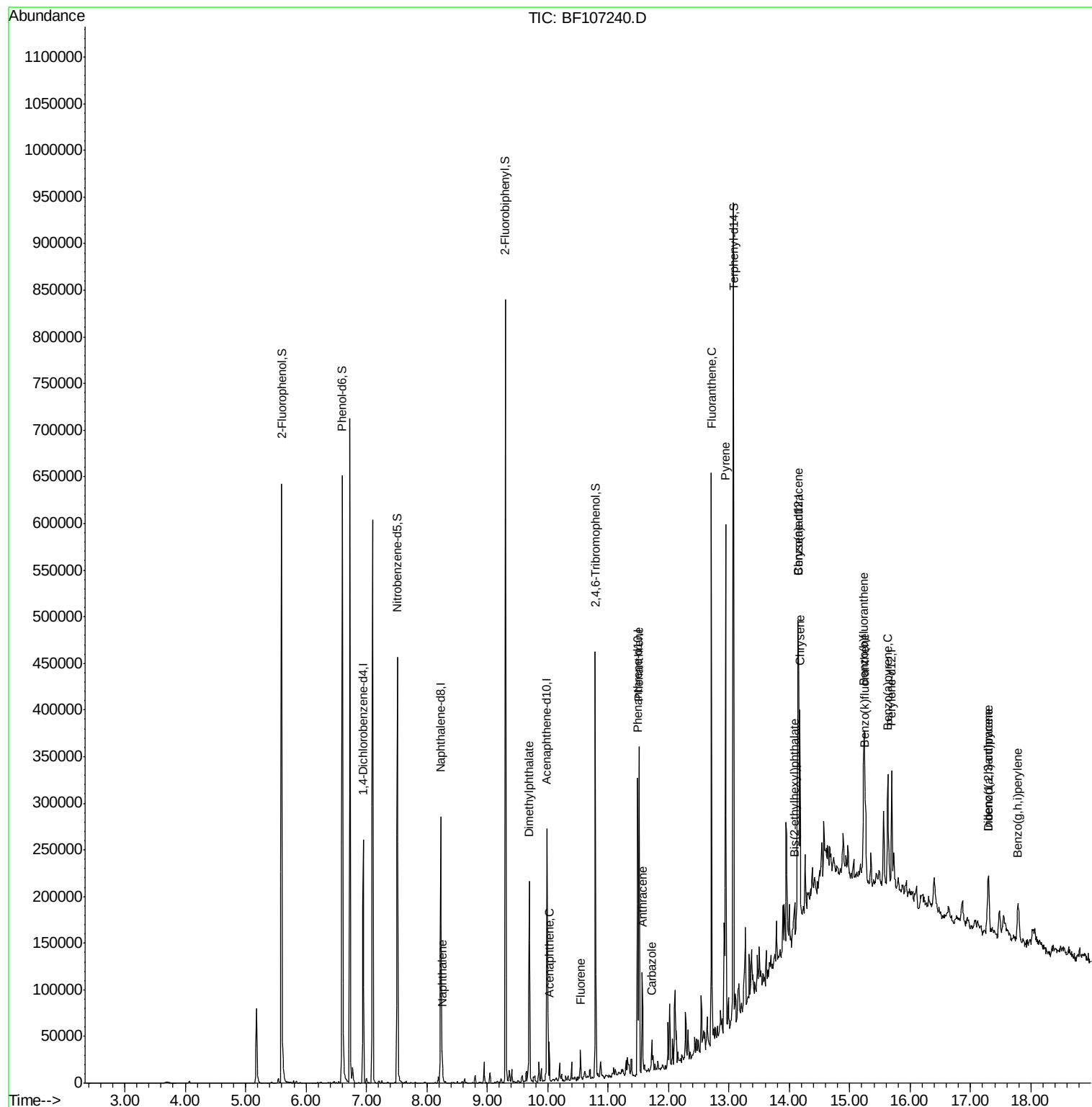
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
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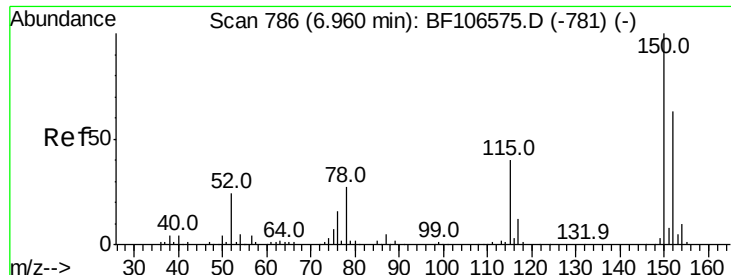
Instrument :
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ClientSampleId :
SURCHARGE-SP-7

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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

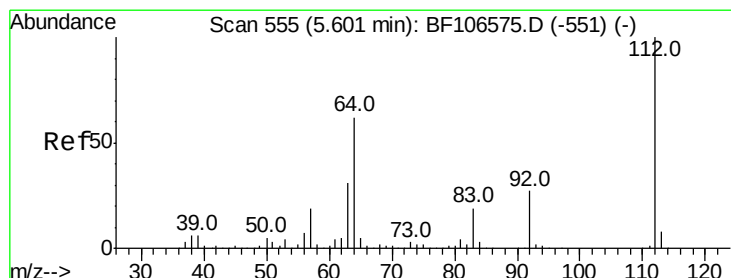
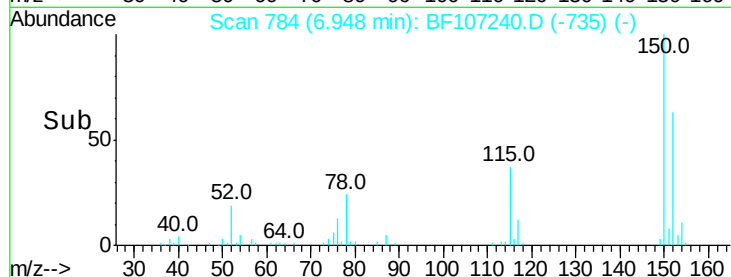
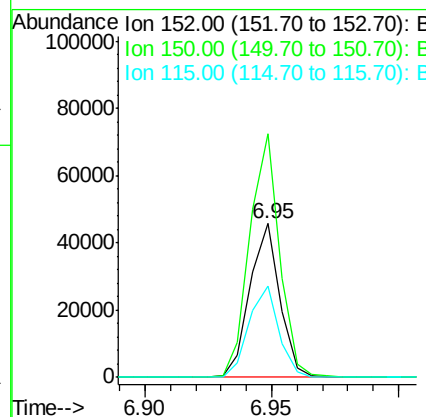
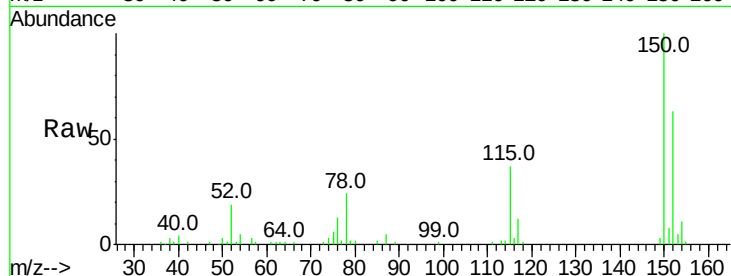
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	59.4	50.1	75.1

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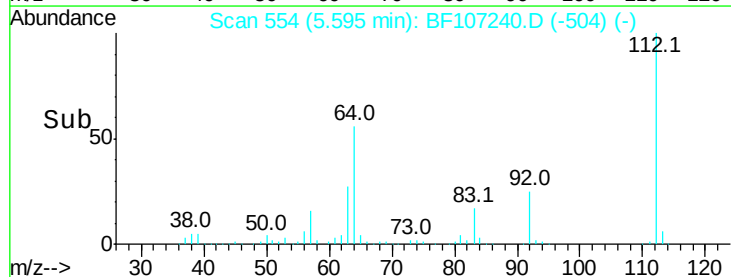
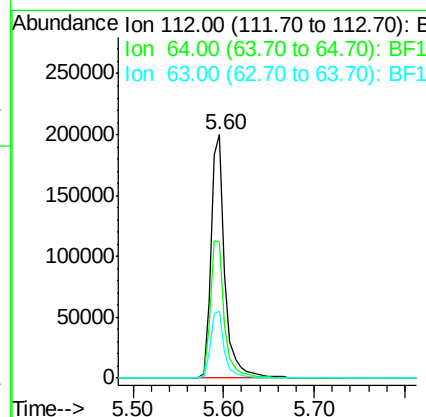
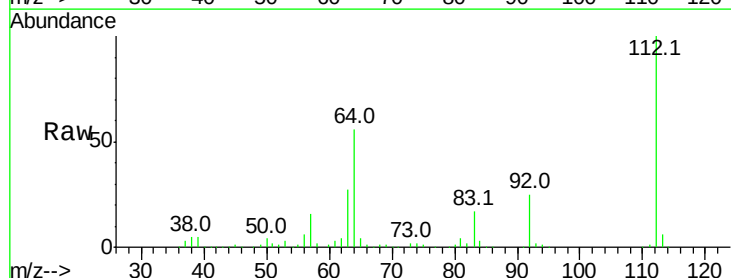
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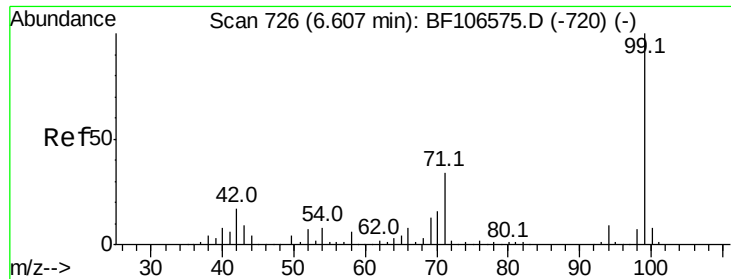


#5

2-Fluorophenol
Concen: 97.525 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	27.3	23.7	35.5





#7

Phenol-d6

Concen: 93.921 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107240.D

Acq: 9 Jul 2018 20:21

Instrument :

BNA_F

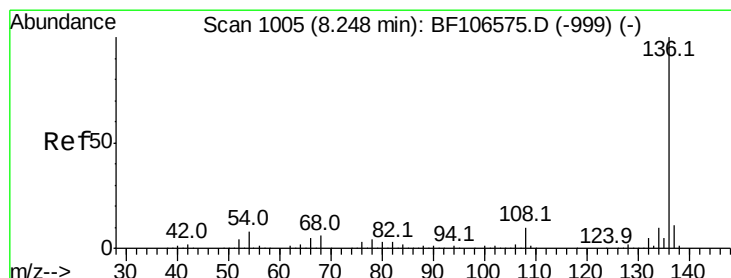
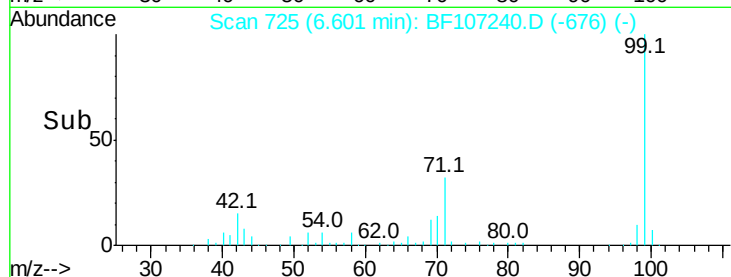
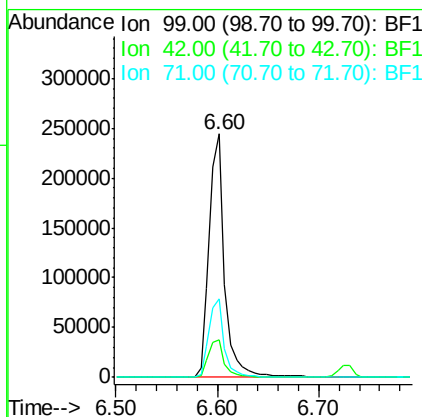
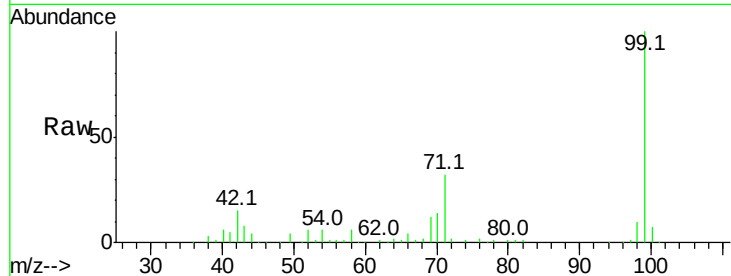
ClientSampleId :

SURCHARGE-SP-7

Tot Ion:	99	Resp:	260204
Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.5	21.7
71	32.3	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

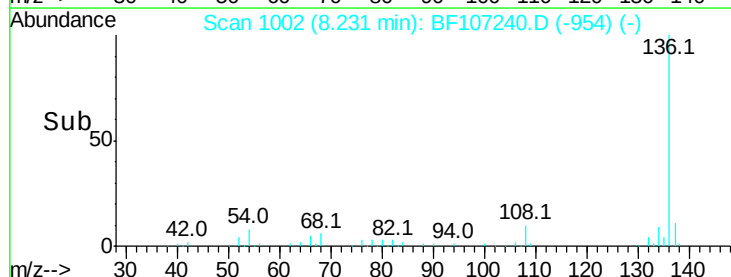
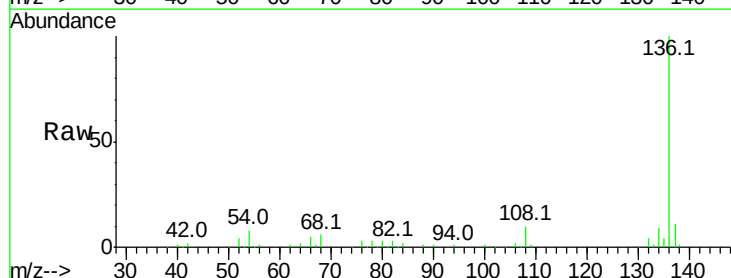
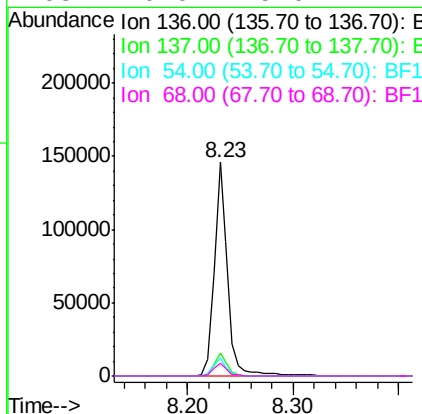
RT: 8.23 min Scan# 1002

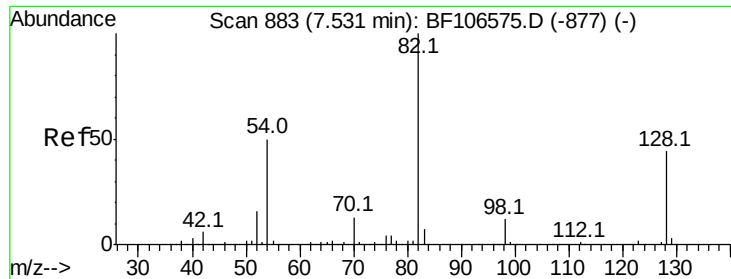
Delta R.T. -0.02 min

Lab File: BF107240.D

Acq: 9 Jul 2018 20:21

Tgt Ion:	136	Resp:	129917
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.3	6.6	9.8
68	6.0	5.0	7.4





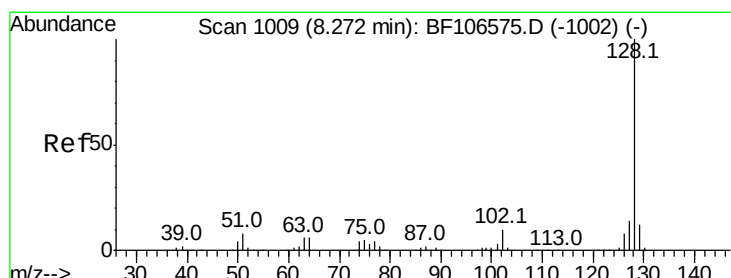
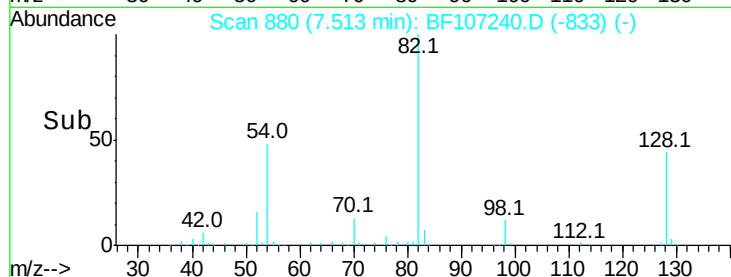
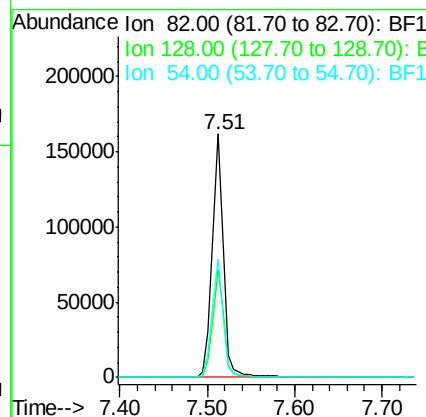
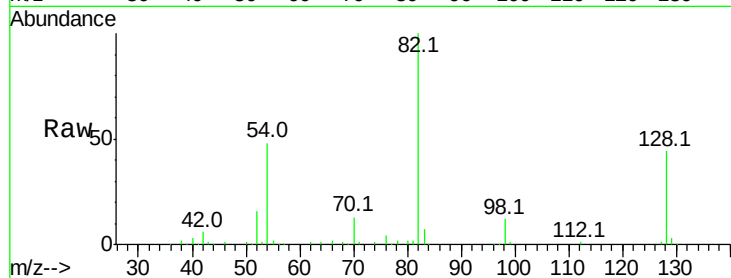
#23
 Nitrobenzene-d5
 Concen: 63.036 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107240.D
 Acq: 9 Jul 2018 20:21

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-7

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	48.5	41.4	62.2

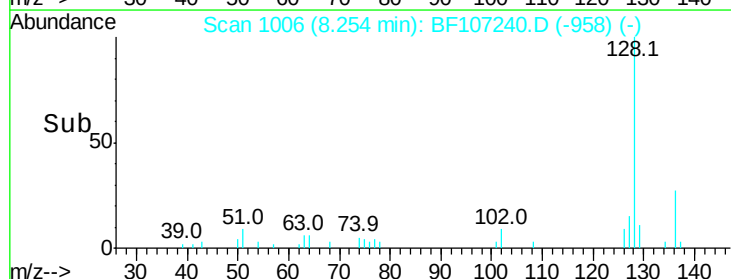
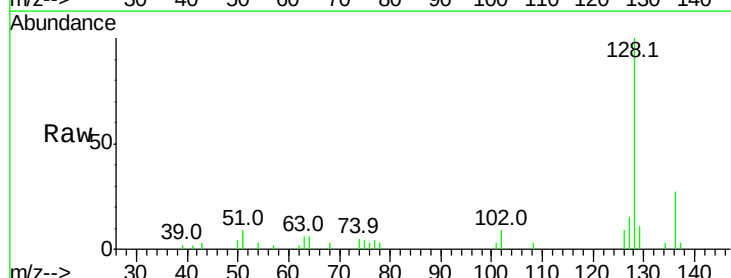
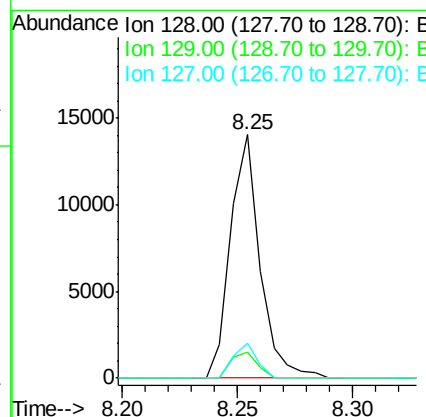
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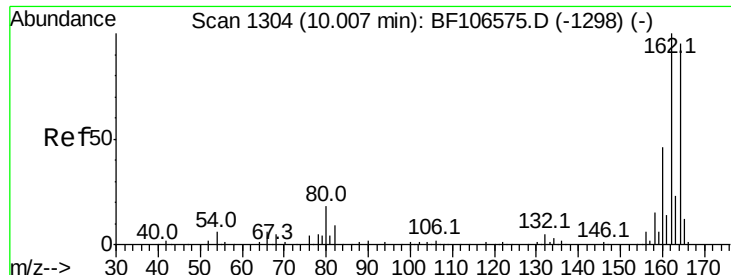
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#31
 Naphthalene
 Concen: 2.058 ng
 RT: 8.25 min Scan# 1006
 Delta R.T. -0.02 min
 Lab File: BF107240.D
 Acq: 9 Jul 2018 20:21

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	14.5	10.9	16.3





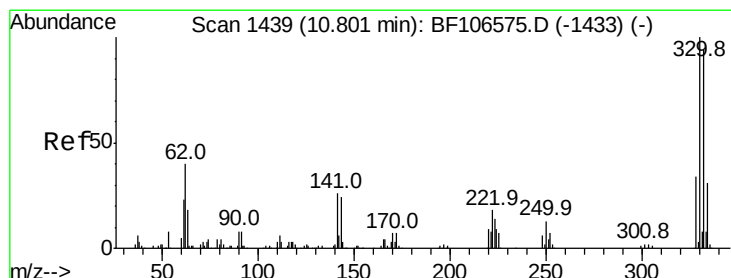
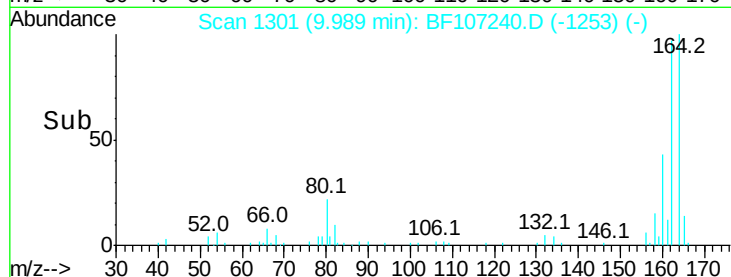
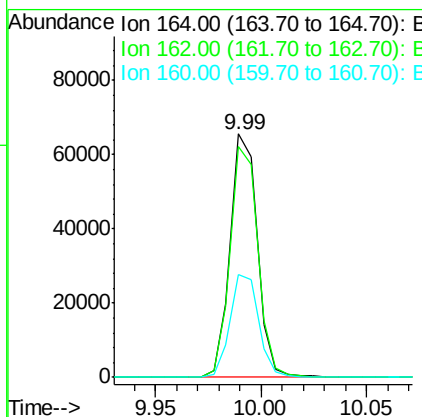
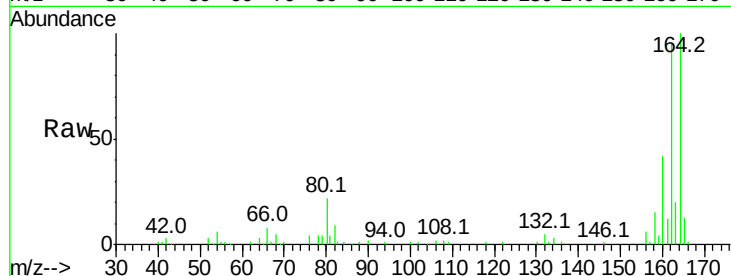
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-7

Tot Ion:164 Resp: 58173
Ion Ratio Lower Upper
164 100
162 94.9 86.1 129.1
160 42.1 38.3 57.5

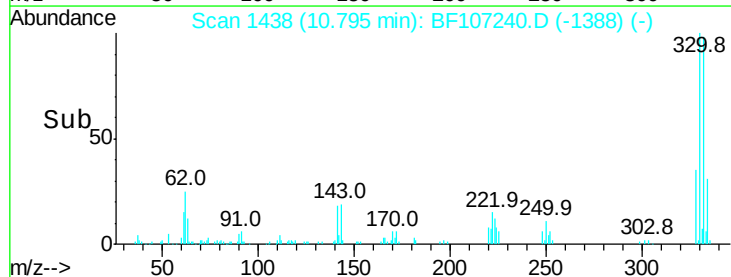
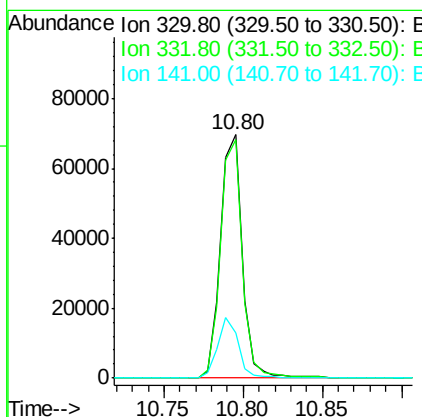
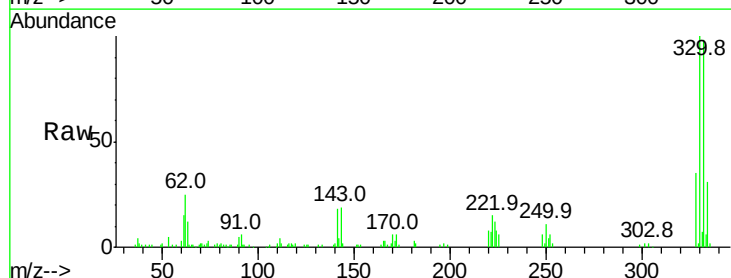
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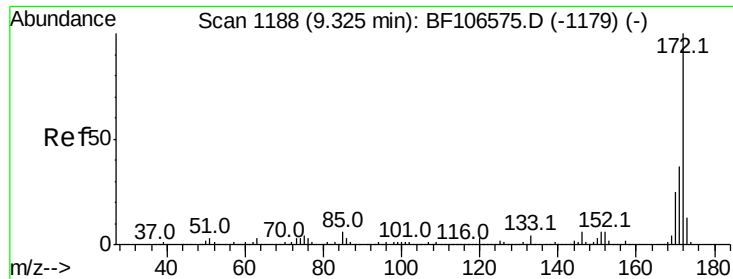
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#41
2,4,6-Tribromophenol
Concen: 98.521 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

Tgt Ion:330 Resp: 66427
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.6
141 23.6 29.9 44.9#





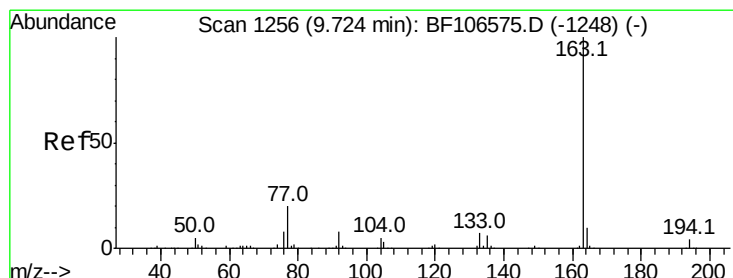
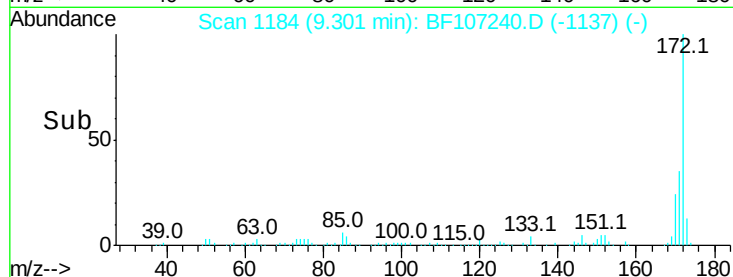
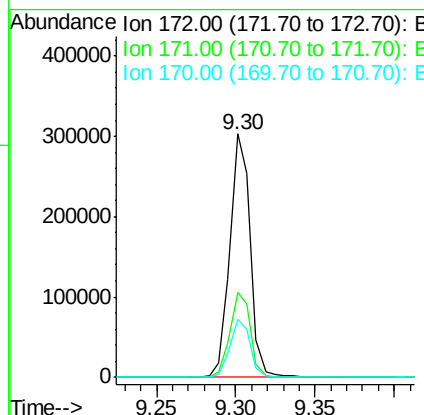
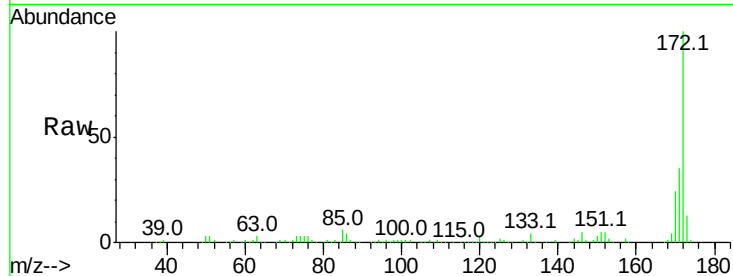
#44
2-Fluorobiphenyl
Concen: 77.006 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-7

Tot Ion	Ratio	Resp	Lower	Upper
172	100	269425		
171	35.0		29.7	44.5
170	23.7		19.6	29.4

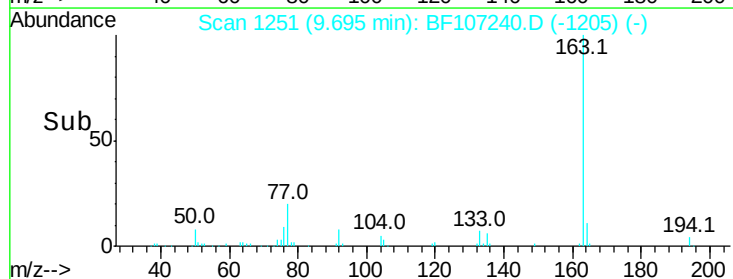
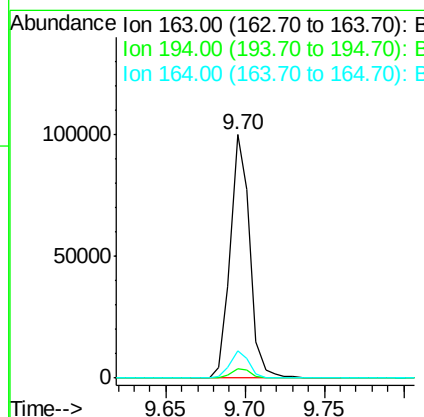
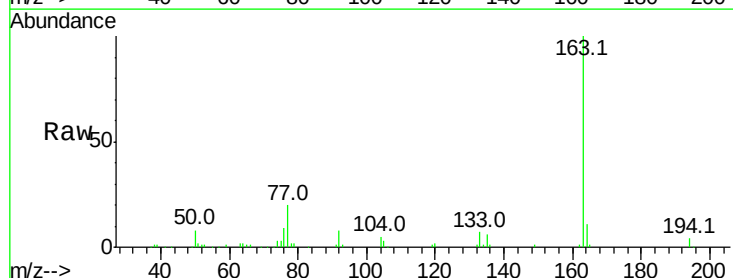
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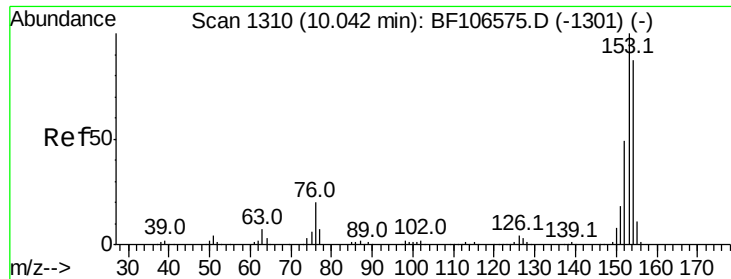
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#49
Dimethylphthalate
Concen: 19.485 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	85014		
194	3.7		2.7	4.1
164	11.5		8.2	12.2





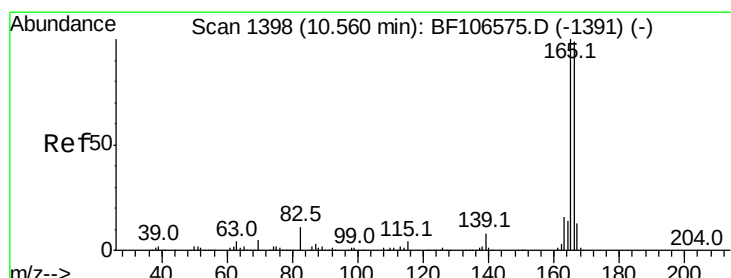
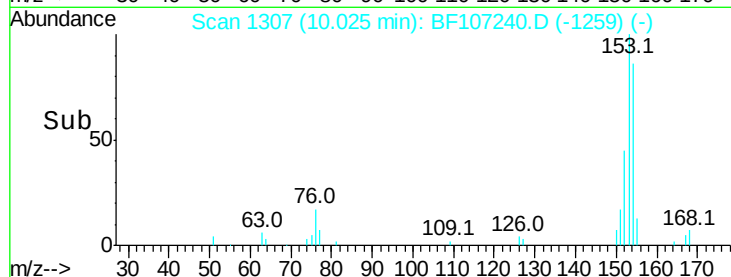
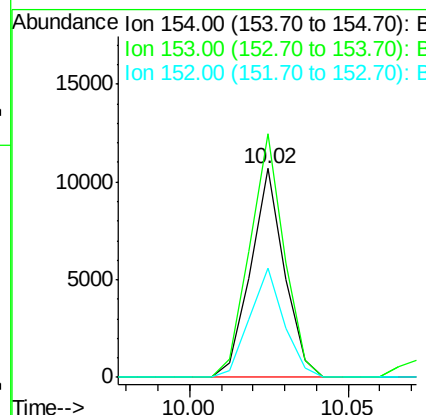
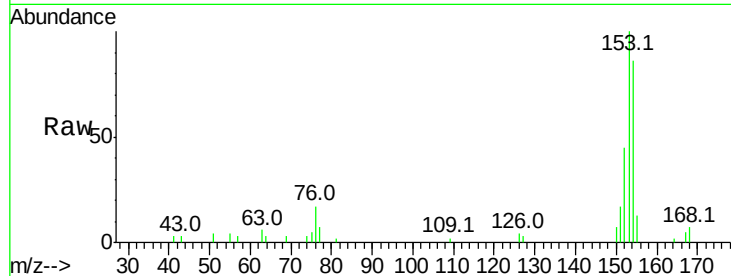
#51
Acenaphthene
Concen: 2.179 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-7

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.6	91.2	136.8
152	52.3	43.8	65.8

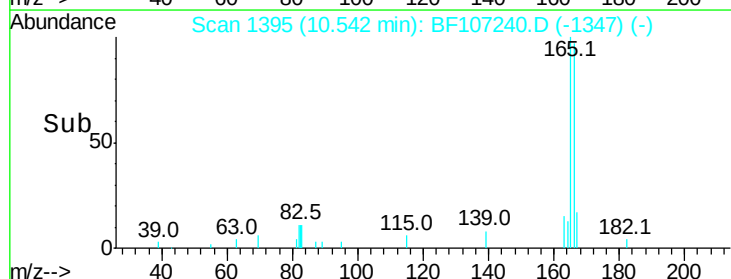
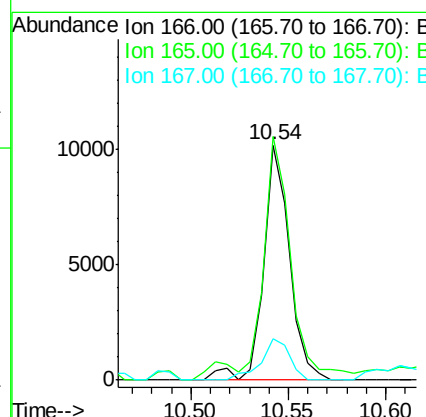
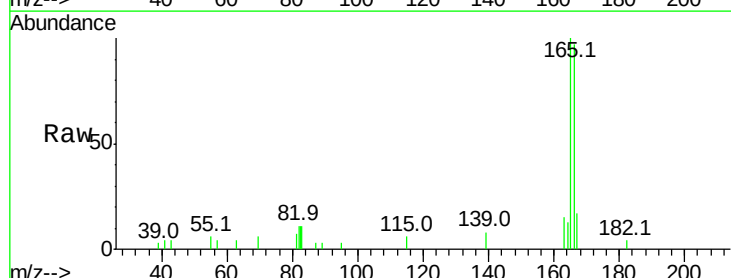
Manual Integrations
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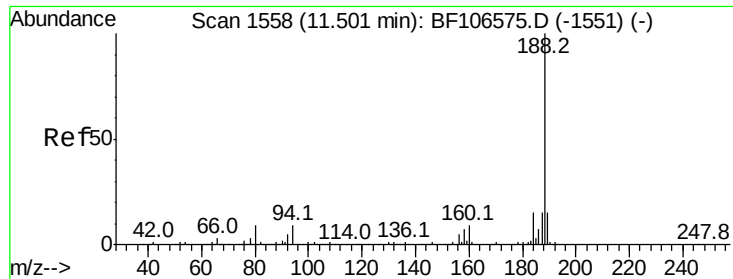
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#57
Fluorene
Concen: 2.379 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.5	79.8	119.8
167	17.5	10.6	16.0#





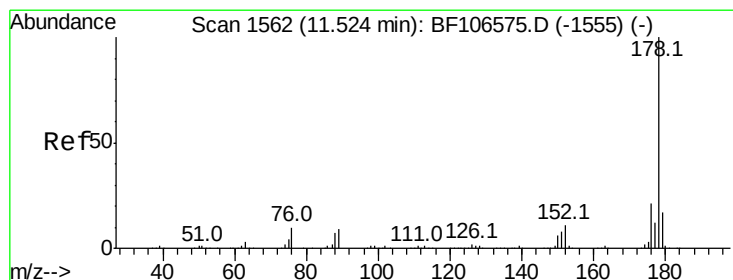
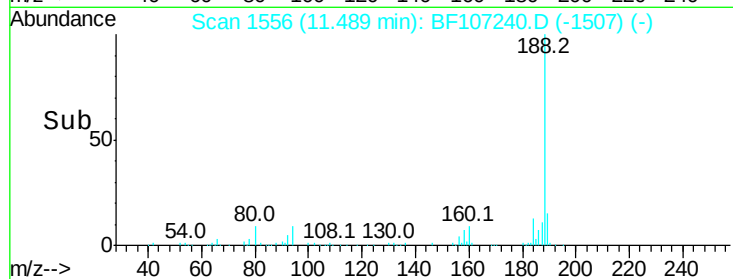
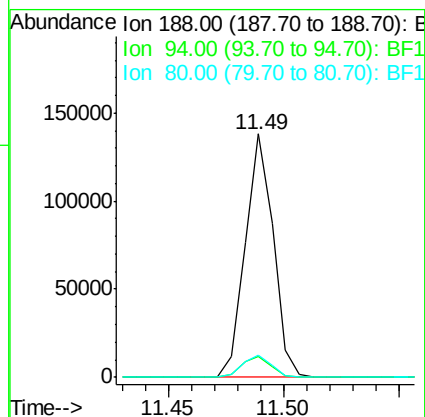
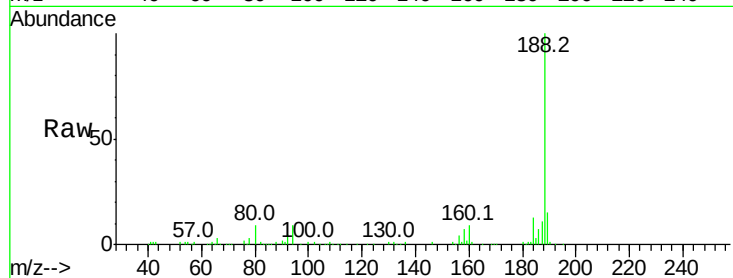
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF107240.D
 Acq: 9 Jul 2018 20:21

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-7

Tot Ion:188	Resp: 117339
Ion Ratio	Lower Upper
188 100	
94 8.8	8.5 12.7
80 9.3	9.2 13.8

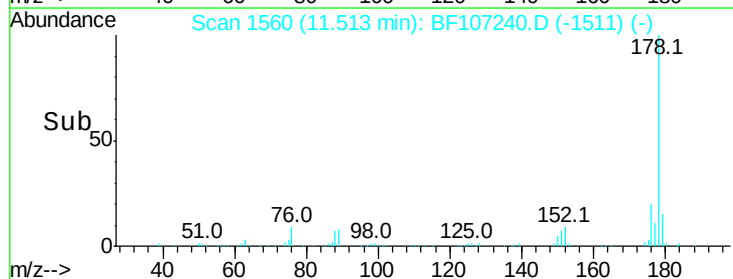
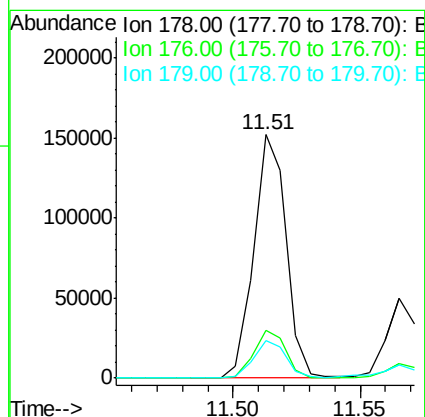
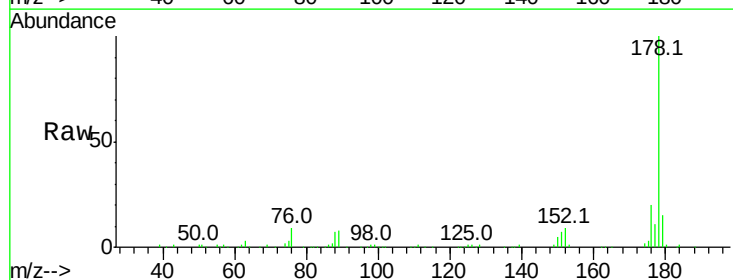
Manual Integrations
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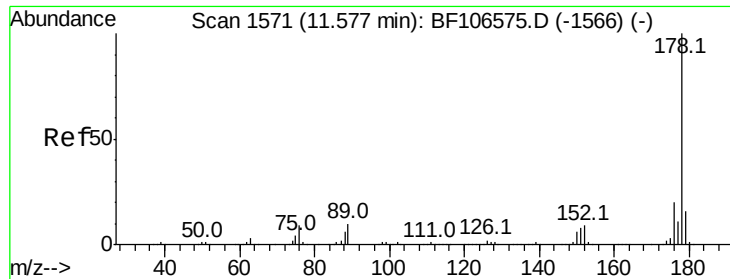
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#70
 Phenanthrene
 Concen: 23.880 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF107240.D
 Acq: 9 Jul 2018 20:21

Tgt Ion:178	Resp: 135151
Ion Ratio	Lower Upper
178 100	
176 19.8	15.8 23.8
179 15.3	13.0 19.6





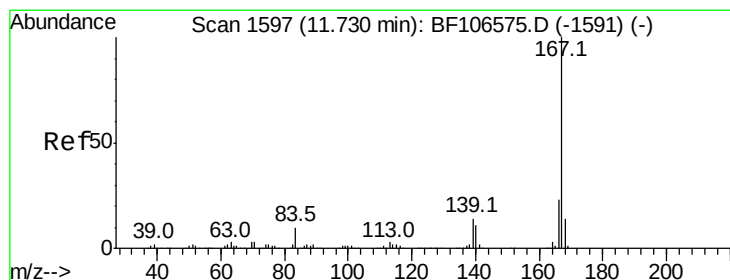
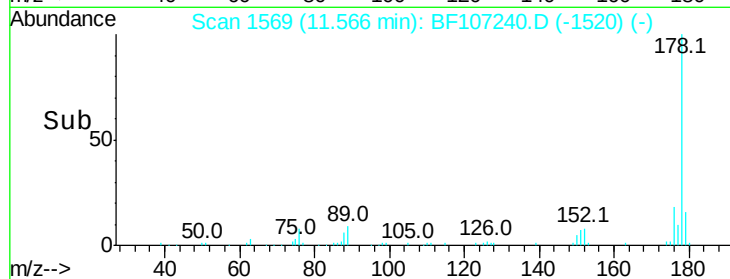
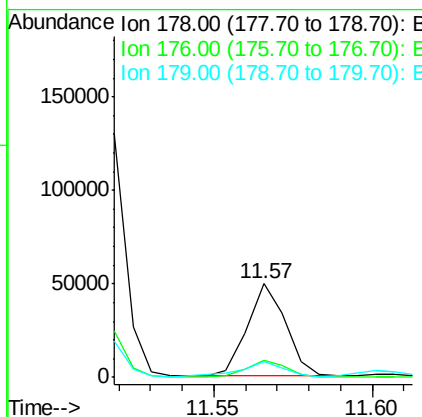
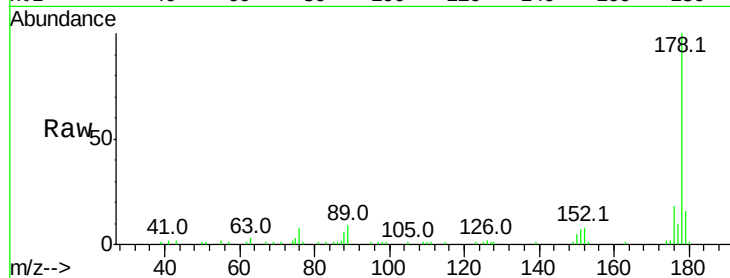
#71
 Anthracene
 Concen: 7.199 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF107240.D
 Acq: 9 Jul 2018 20:21

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-7

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	16.4	12.6	19.0

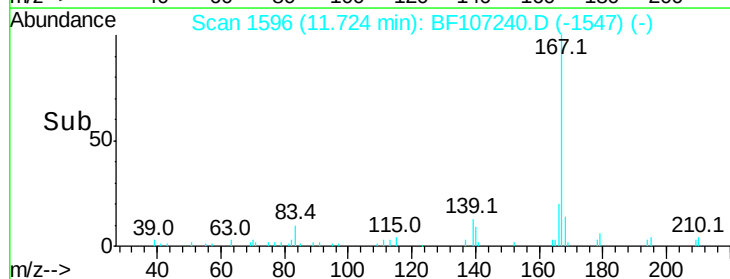
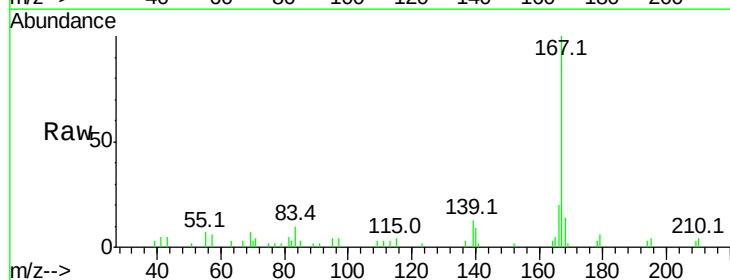
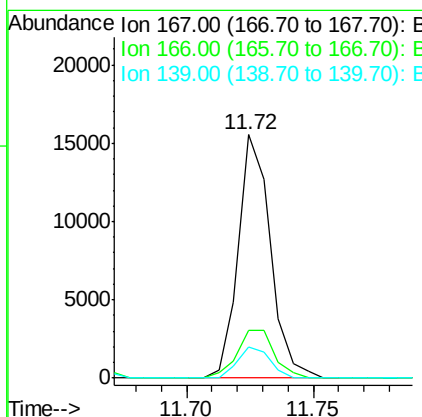
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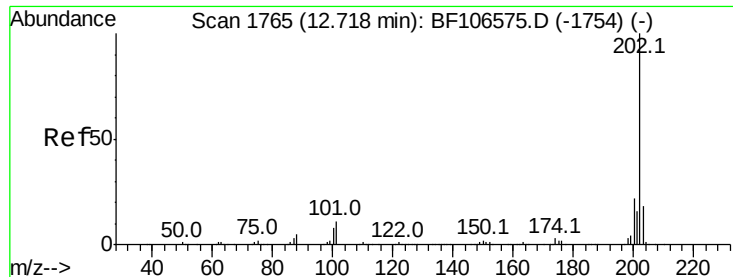
Sohil
 7/10/2018 2:46:50 PM



#72
 Carbazole
 Concen: 2.531 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF107240.D
 Acq: 9 Jul 2018 20:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	19.6	17.6	26.4
139	12.7	10.9	16.3





#74

Fluoranthene

Concen: 39.227 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF107240.D

Acq: 9 Jul 2018 20:21

Instrument :

BNA_F

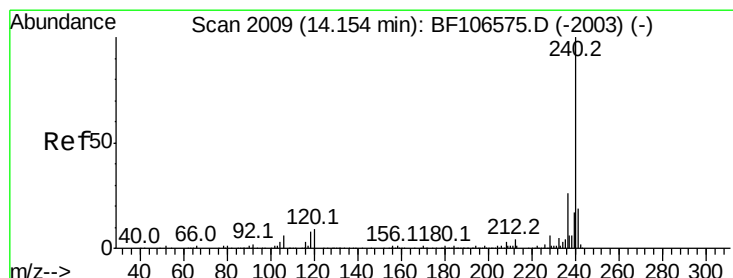
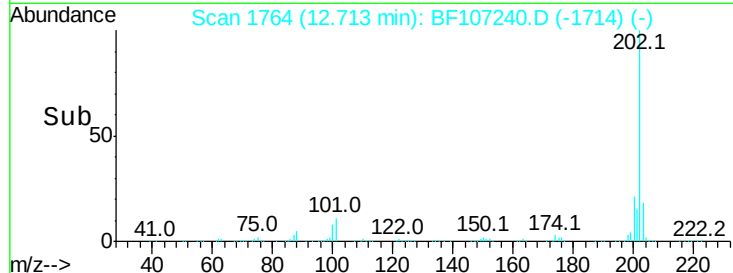
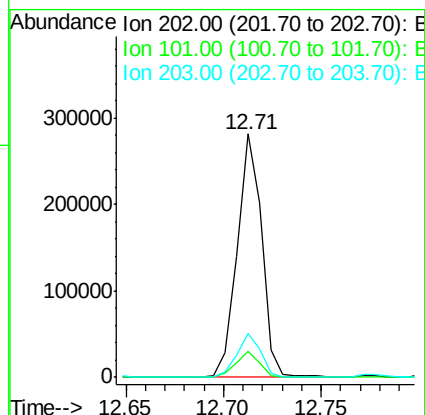
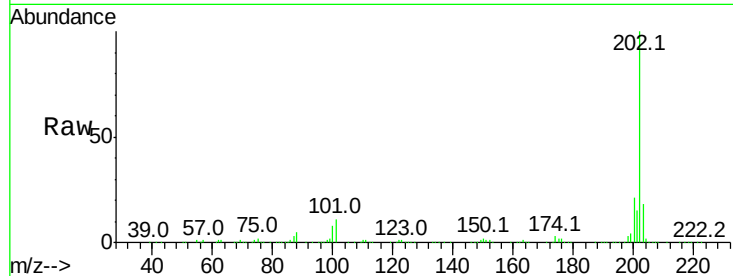
ClientSampleId :

SURCHARGE-SP-7

Tot Ion	Ratio	Resp	Lower	Upper
202	100	244695		
101	10.8	0.0	34.1	
203	18.1	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

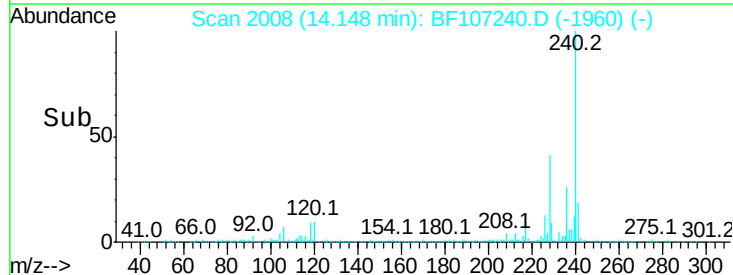
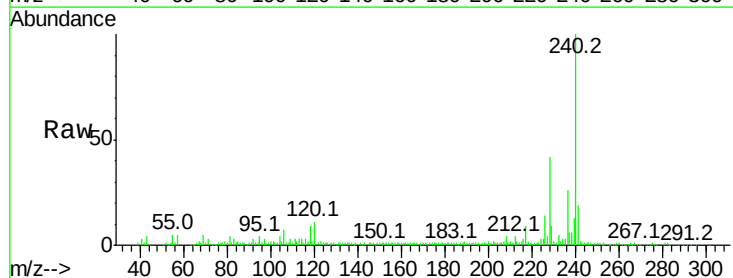
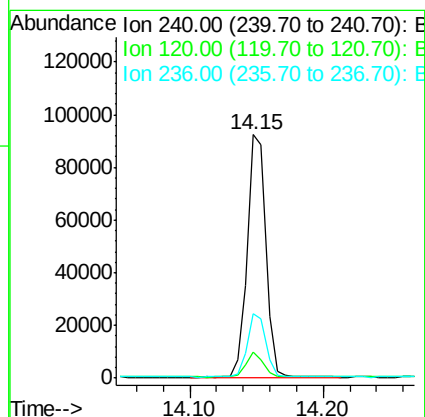
RT: 14.15 min Scan# 2008

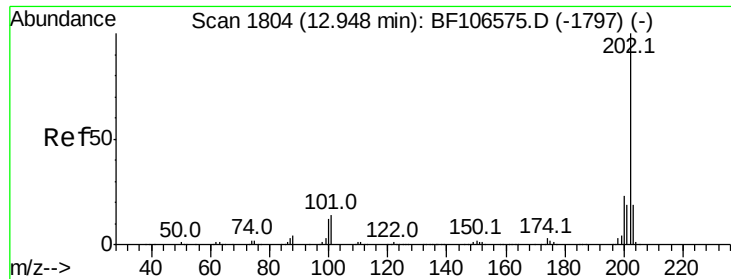
Delta R.T. -0.02 min

Lab File: BF107240.D

Acq: 9 Jul 2018 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	90554		
120	10.5	9.5	14.3	
236	26.4	20.7	31.1	





#77

Pvrene

Concen: 38.338 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF107240.D

Acq: 9 Jul 2018 20:21

Instrument :

BNA_F

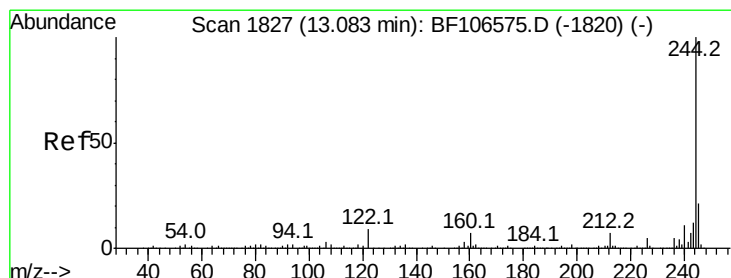
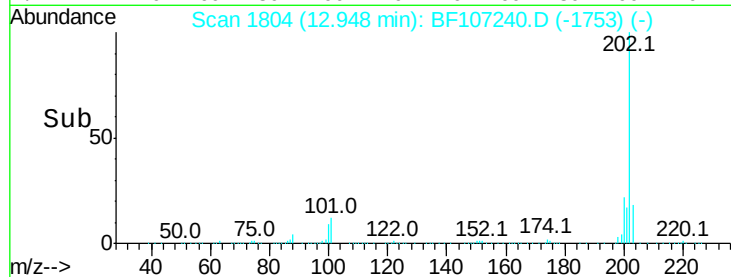
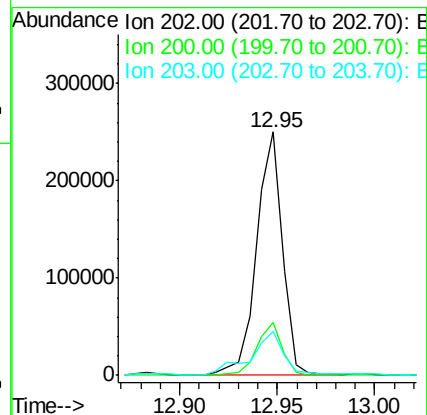
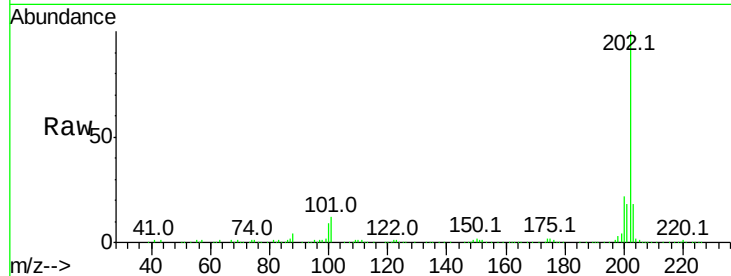
ClientSampleId :

SURCHARGE-SP-7

Tot Ion:	202	Resp:	228931
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.4	26.2
203	18.0	14.3	21.5

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#78

Terphenyl-d14

Concen: 90.381 ng

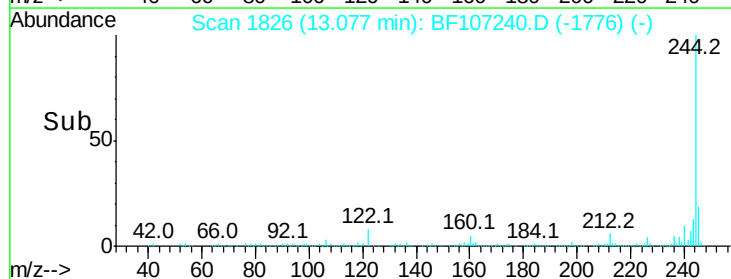
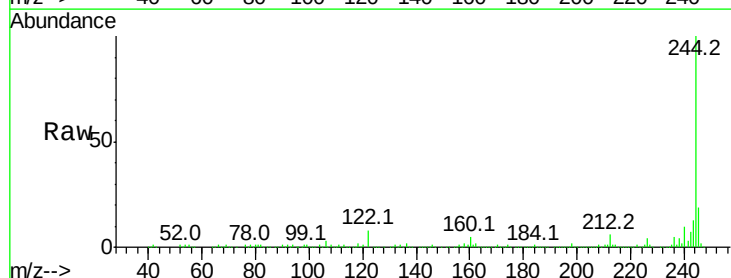
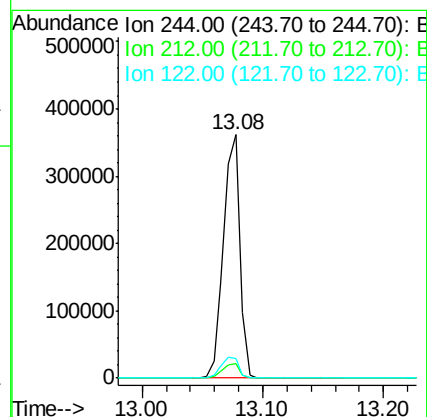
RT: 13.08 min Scan# 1826

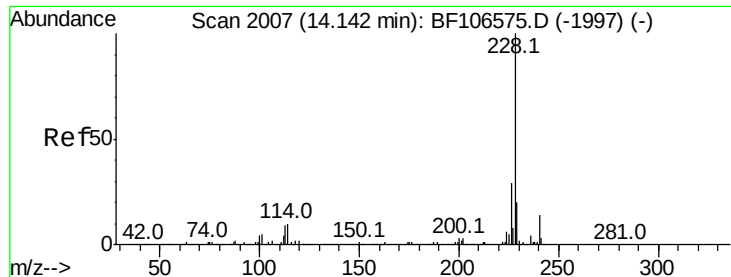
Delta R.T. -0.01 min

Lab File: BF107240.D

Acq: 9 Jul 2018 20:21

Tgt Ion:	244	Resp:	337875
Ion Ratio	Lower	Upper	
244	100		
212	6.1	5.4	8.0
122	7.9	11.0	16.4#





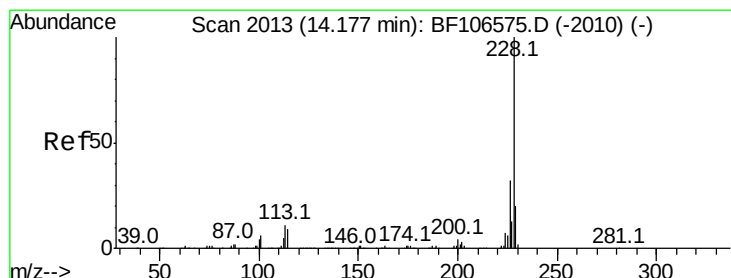
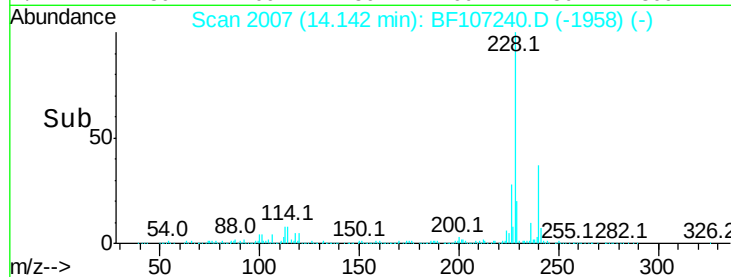
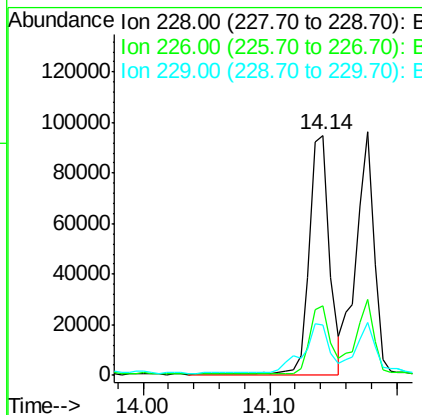
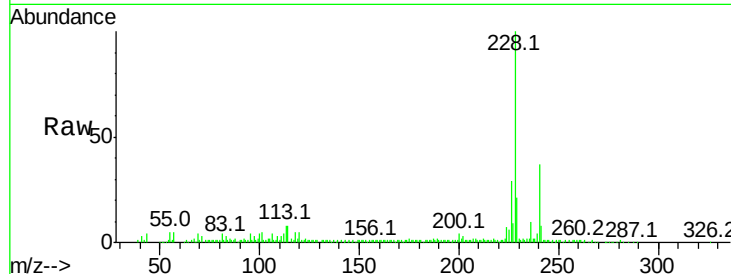
#80
Benzo(a)anthracene
Concen: 18.660 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-7

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	20.9	15.8	23.6

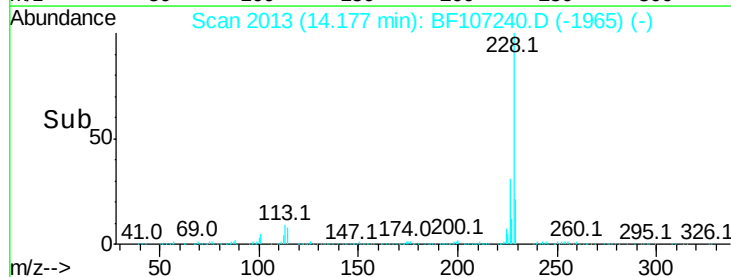
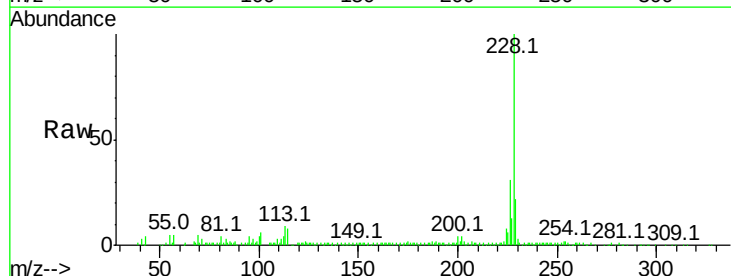
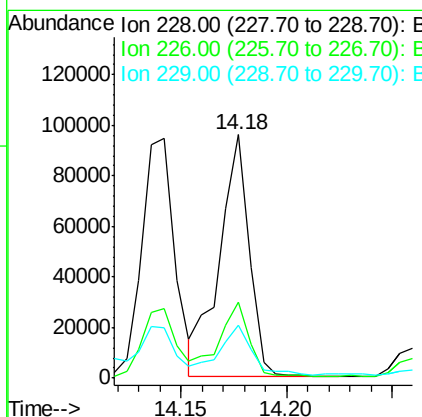
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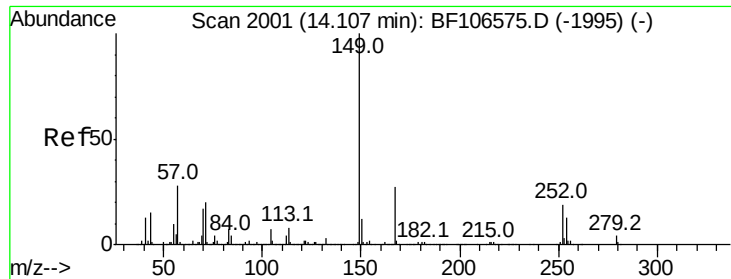
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#82
Chrysene
Concen: 18.512 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	21.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.984 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF107240.D

Acq: 9 Jul 2018 20:21

Instrument :

BNA_F

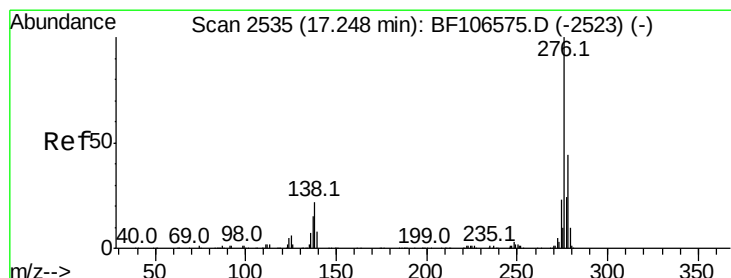
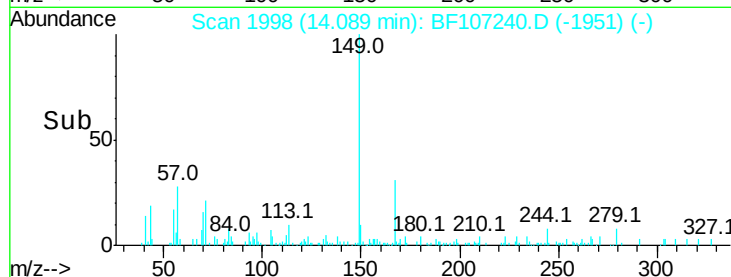
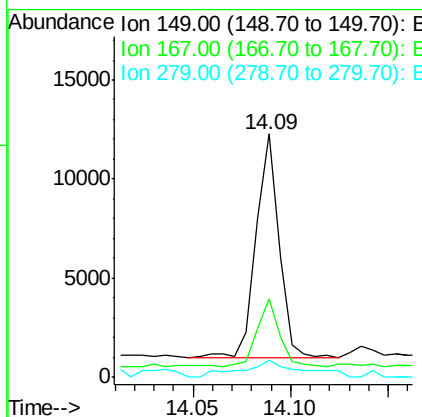
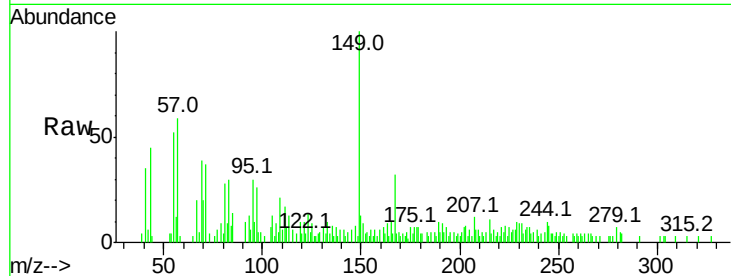
ClientSampleId :

SURCHARGE-SP-7

Tot Ion:	149	Resp:	9367
Ion Ratio	Lower	Upper	
149	100		
167	32.3	21.3	31.9#
279	7.0	3.0	4.4#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 9.888 ng

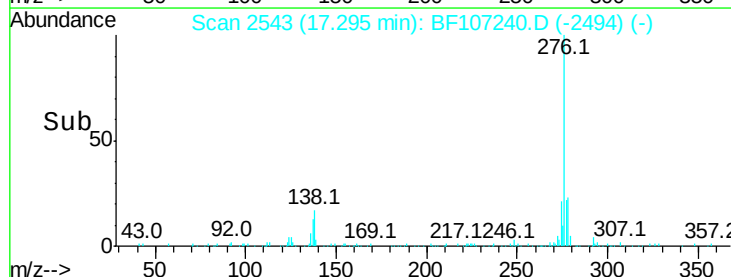
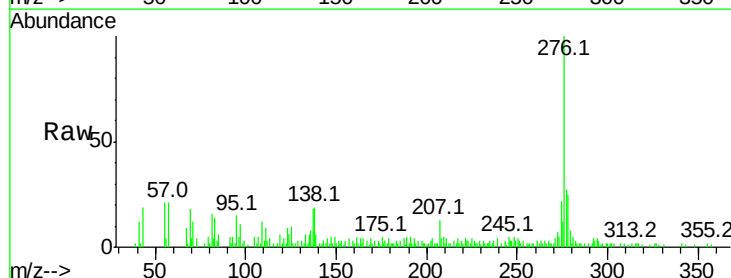
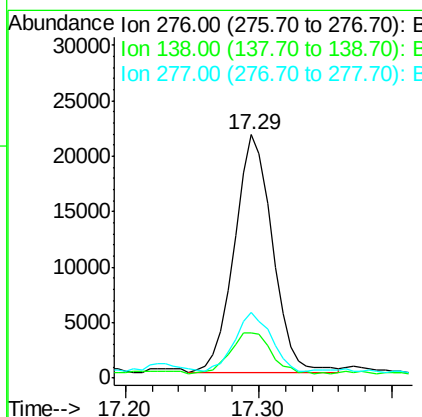
RT: 17.29 min Scan# 2543

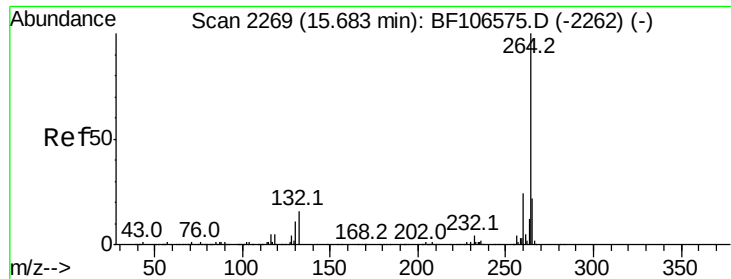
Delta R.T. -0.01 min

Lab File: BF107240.D

Acq: 9 Jul 2018 20:21

Tgt Ion:	276	Resp:	42605
Ion Ratio	Lower	Upper	
276	100		
138	18.6	25.0	37.6#
277	23.4	20.1	30.1





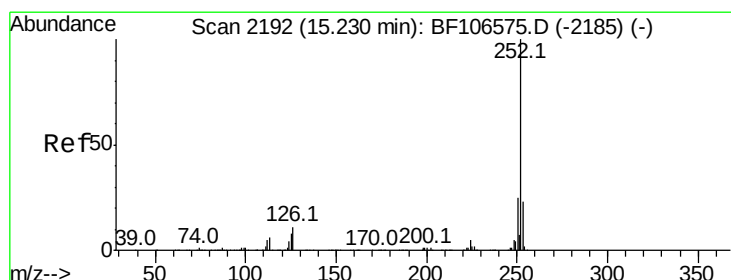
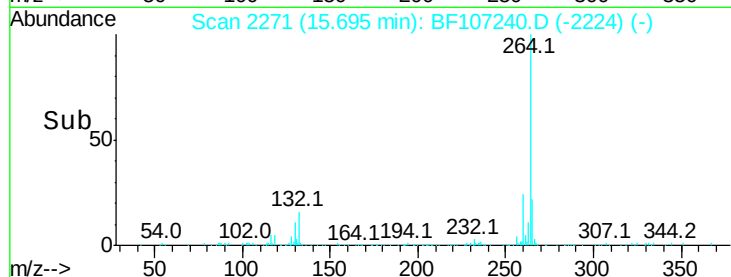
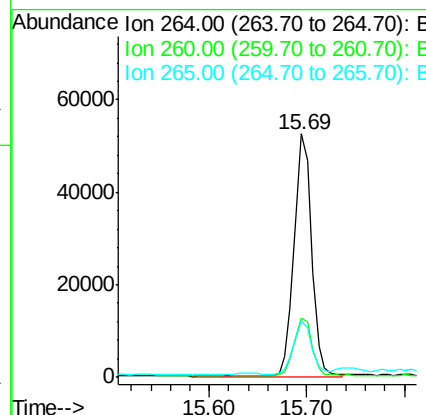
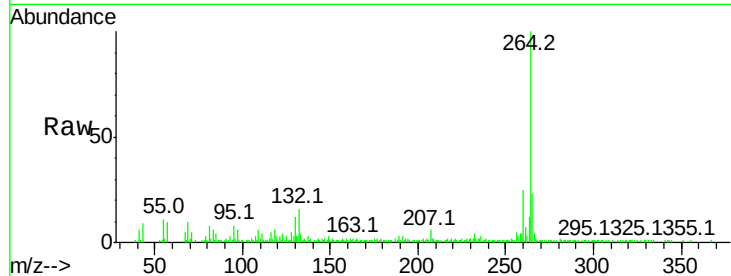
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-7

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	23.5	17.5	26.3

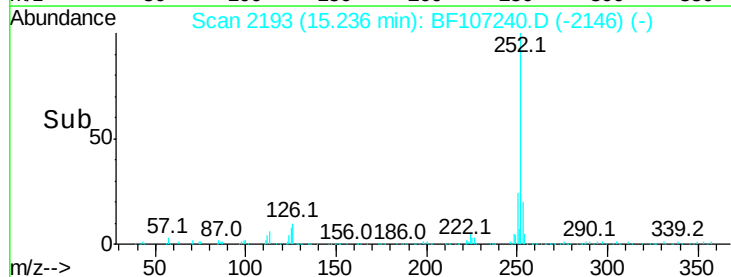
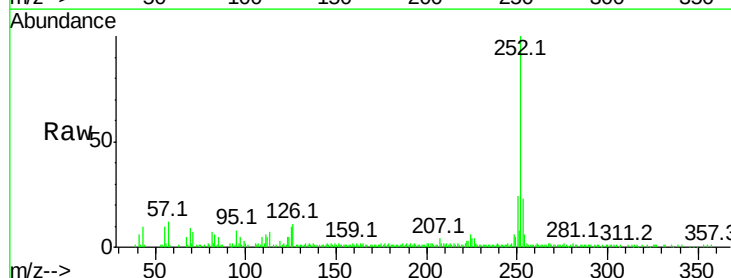
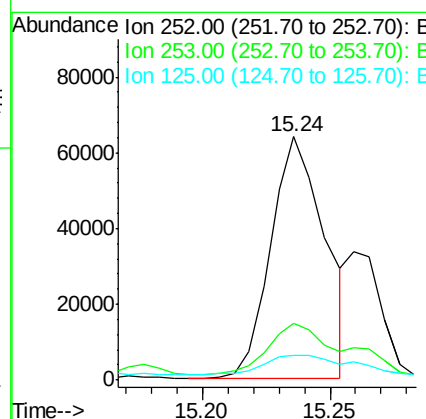
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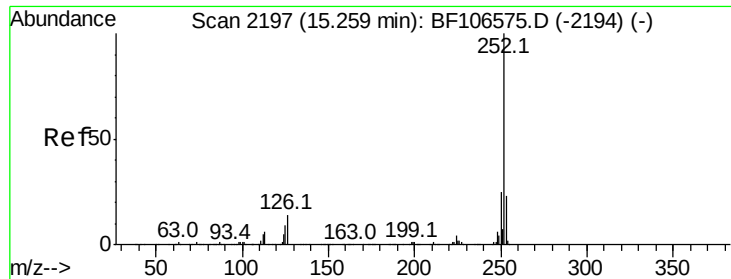
Sohil
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#87
Benzo(b)fluoranthene
Concen: 22.083 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	10.2	9.0	13.6





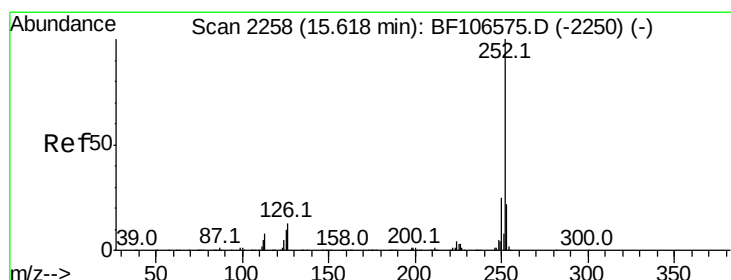
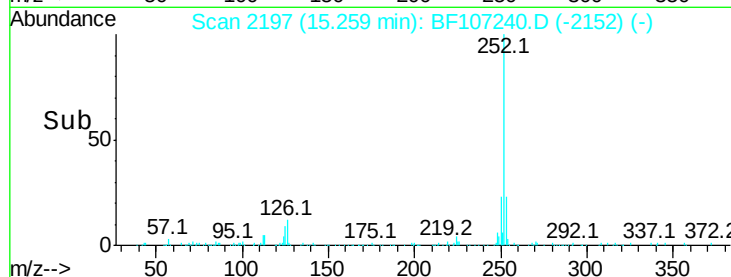
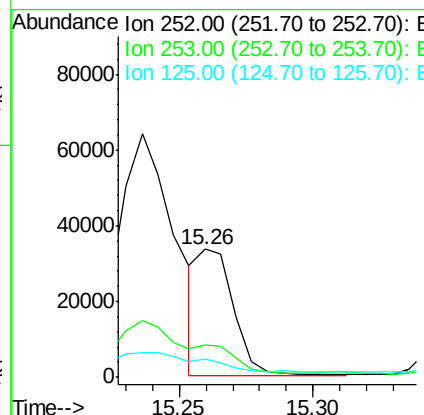
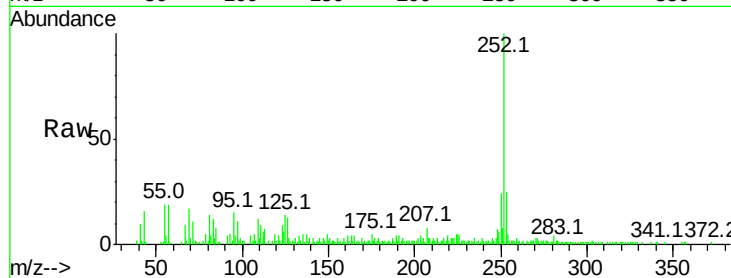
#88
Benzo(k)fluoranthene
Concen: 7.482 ng m
RT: 15.26 min Scan# 2197
Delta R.T. -0.04 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-7

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.9	26.9
125	13.8	10.2	15.2

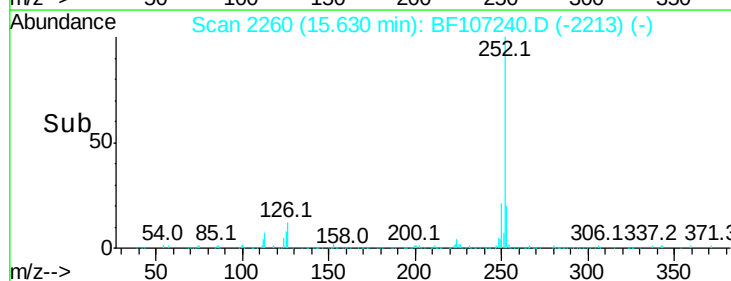
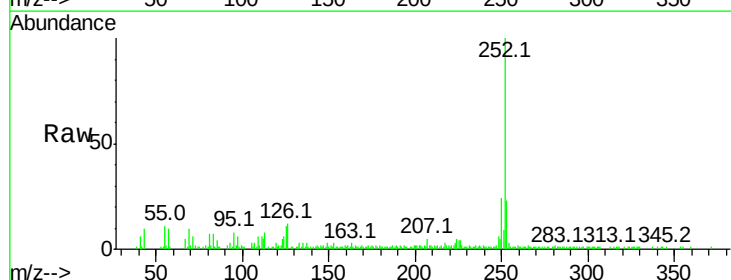
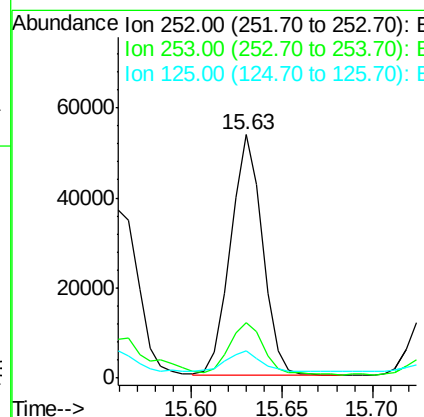
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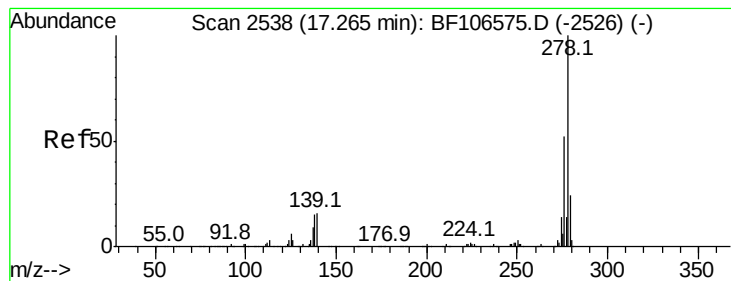
Sohil
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#89
Benzo(a)pyrene
Concen: 17.446 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	11.0	9.8	14.6





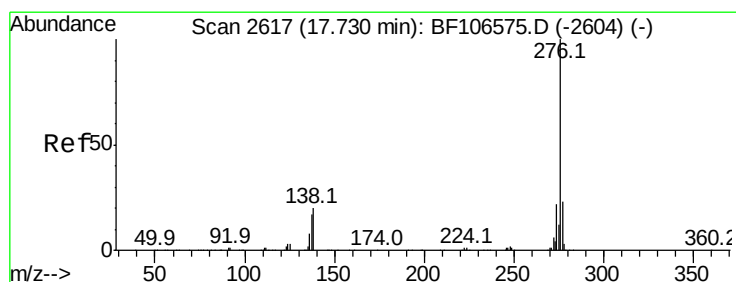
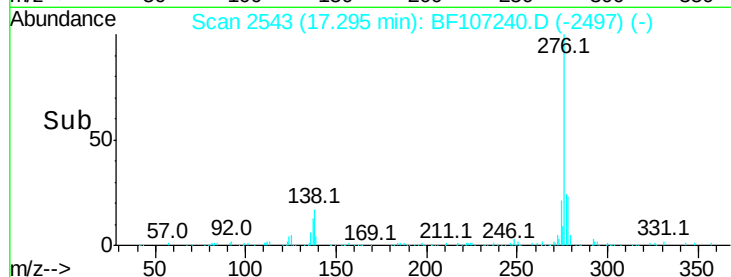
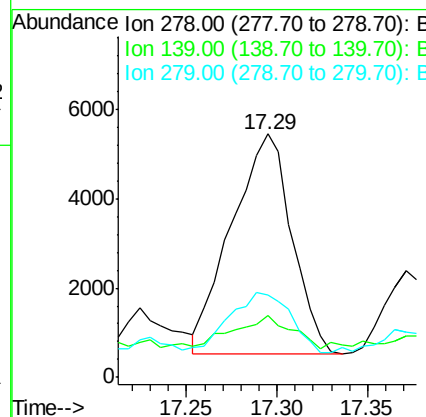
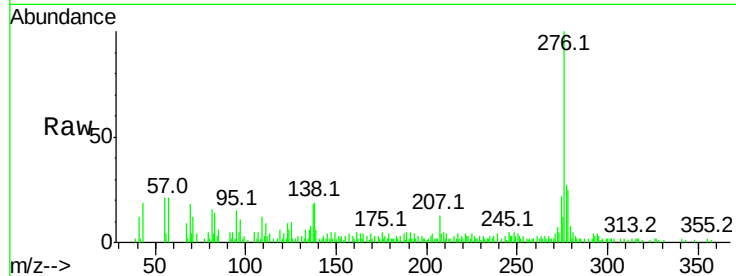
#90
Dibenzo(a,h)anthracene
Concen: 3.556 ng
RT: 17.29 min Scan# 2543
Delta R.T. -0.03 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-7

Tot Ion	Ratio	Lower	Upper
278	100		
139	25.2	15.9	23.9#
279	33.8	19.0	28.4#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 13.102 ng
RT: 17.79 min Scan# 2627
Delta R.T. -0.00 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.4	17.9	26.9#
138	19.6	21.8	32.8#

