

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
 Data File : BF107212.D
 Acq On : 7 Jul 2018 17:46
 Operator : JU/SJ
 Sample : J3879-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-3

Manual Integrations
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 7/9/2018 2:06:40 PM

Quant Time: Jul 09 04:46:11 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	58887	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	213226	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	97796	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	187299	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	139011	20.00	ng	-0.02
86) Perylene-d12	15.69	264	105584	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	350839	100.89	ng	0.00
7) Phenol-d6	6.60	99	429514	98.90	ng	-0.01
23) Nitrobenzene-d5	7.51	82	255804	66.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	119534	105.46	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	460097	78.51	ng	-0.02
78) Terphenyl-d14	13.07	244	530639	92.47	ng	-0.01
Target Compounds						
10) Phenol	6.61	94	10163	2.051	ng	Qvalue 87
49) Dimethylphthalate	9.70	163	148983	20.312	ng	98
70) Phenanthrene	11.51	178	128272	14.199	ng	98
71) Anthracene	11.57	178	41695	4.522	ng	98
74) Fluoranthene	12.71	202	256529	25.763	ng	96
77) Pyrene	12.94	202	248379	27.095	ng	100
79) Butylbenzylphthalate	13.54	149	8595	2.280	ng	# 93
80) Benzo(a)anthracene	14.13	228	122280	14.433	ng	98
82) Chrysene	14.17	228	118450	15.197	ng	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	20199	4.192	ng	# 93
87) Benzo(b)fluoranthene	15.23	252	128210m	19.548	ng	
88) Benzo(k)fluoranthene	15.25	252	36283m	5.809	ng	
89) Benzo(a)pyrene	15.62	252	81497	13.977	ng	97
90) Dibenzo(a,h)anthracene	17.28	278	14254	2.885	ng	# 80
91) Benzo(a,h,i)perylene	17.77	276	49622	10.274	ng	# 89

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

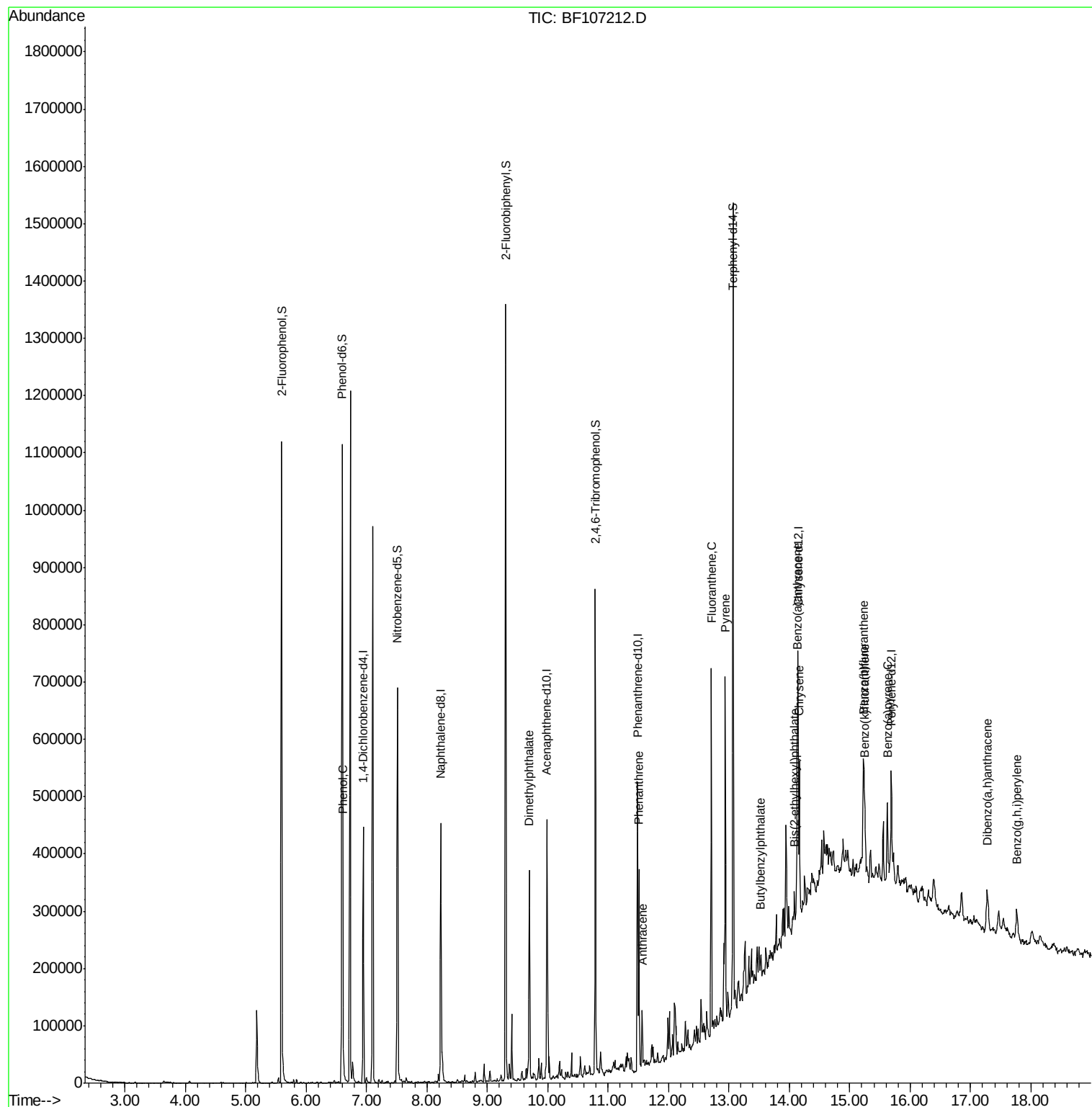
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107212.D
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ALS Vial : 20 Sample Multiplier: 1

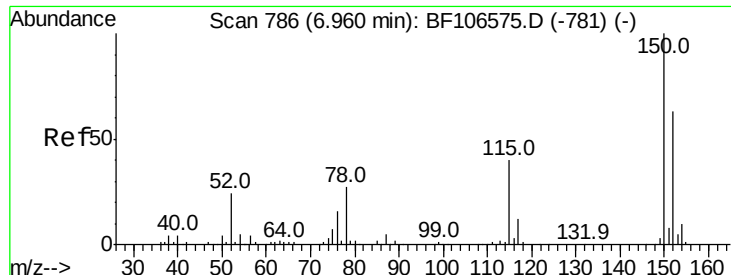
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

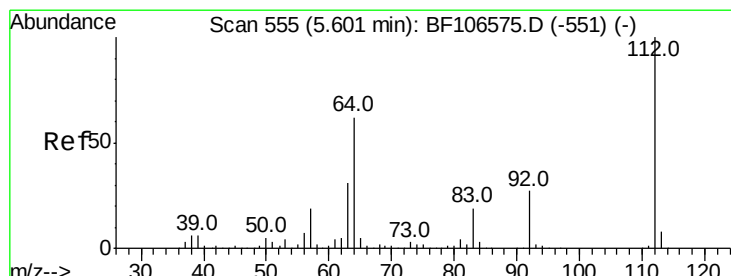
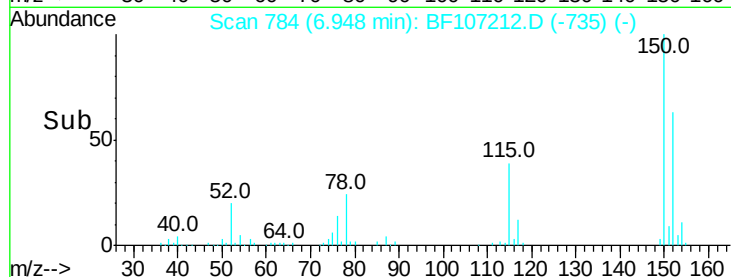
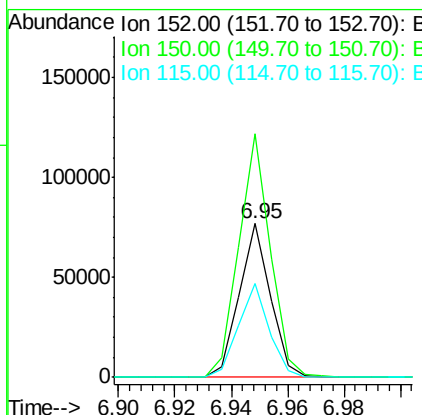
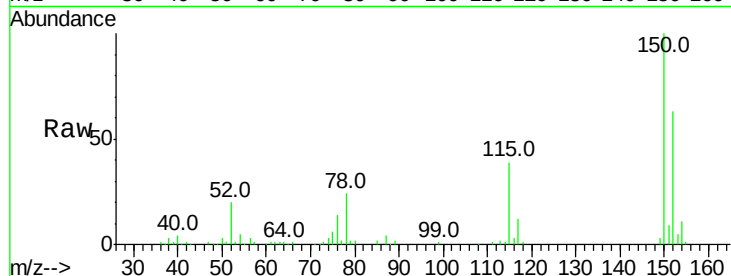
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107212.D
Acq: 7 Jul 2018 17:46

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	61.4	50.1	75.1

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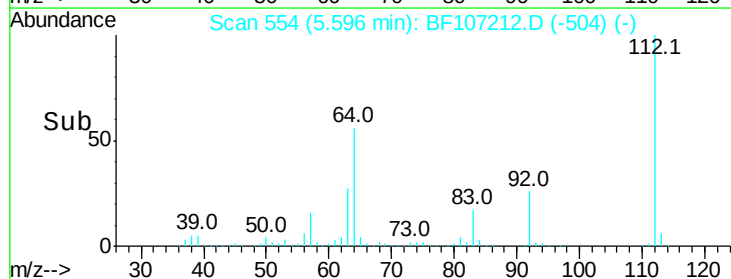
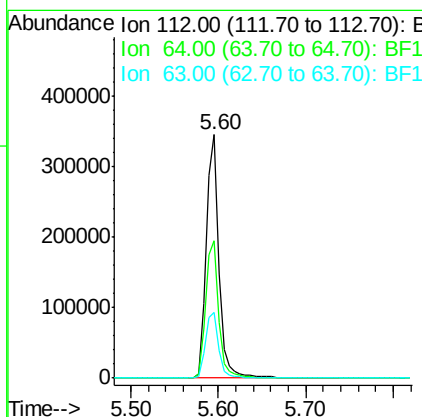
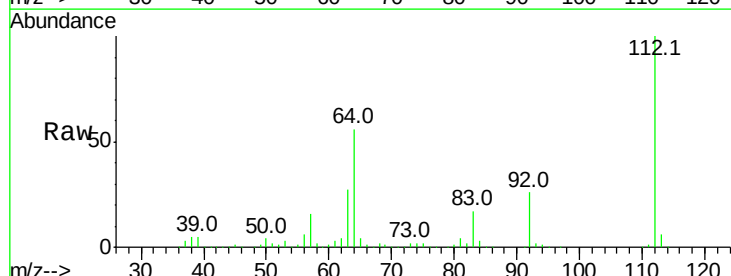
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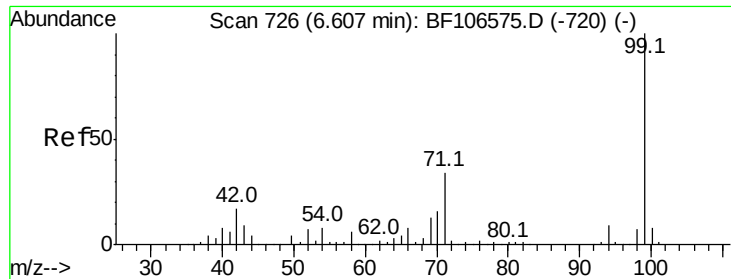


#5

2-Fluorophenol
Concen: 100.885 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107212.D
Acq: 7 Jul 2018 17:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.9	71.9
63	27.0	23.7	35.5





#7

Phenol-d6

Concen: 98.901 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107212.D

Acq: 7 Jul 2018 17:46

Instrument :

BNA_F

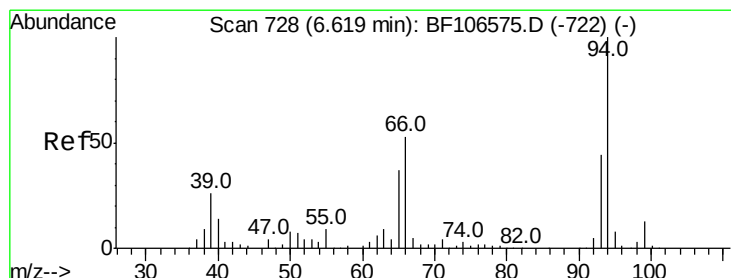
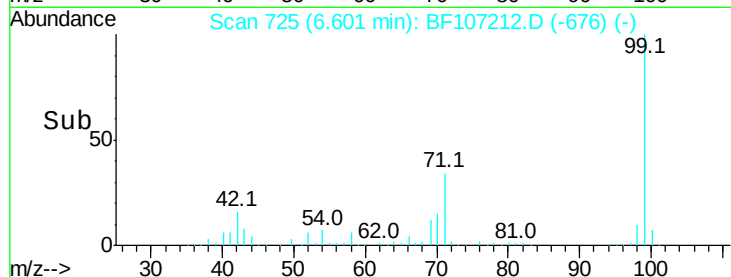
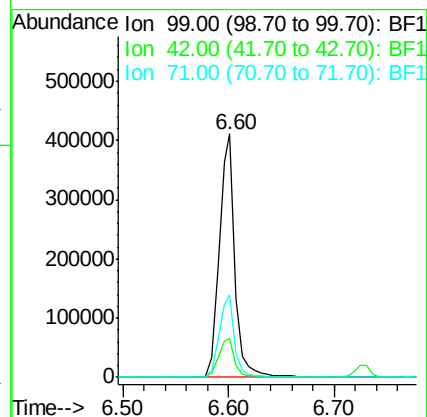
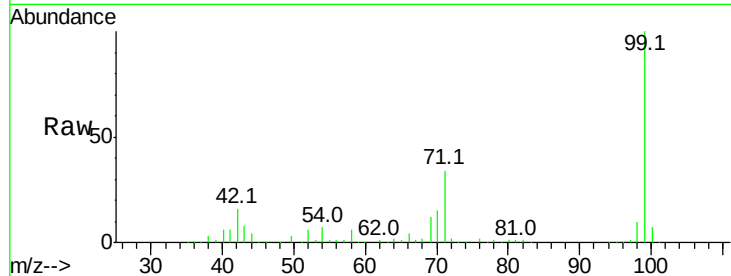
ClientSampleId :

SURCHARGE-SP-3

Tot Ion:	99	Resp:	429514
Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.5	21.7
71	33.7	25.4	38.0

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#10

Phenol

Concen: 2.051 ng

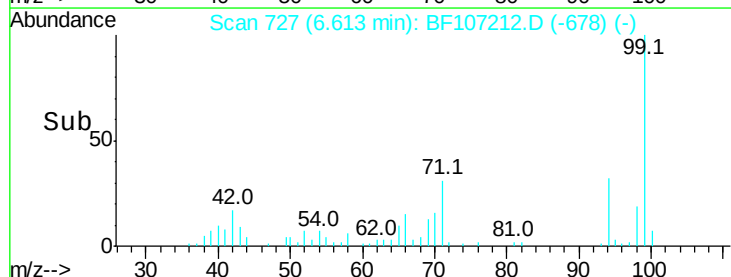
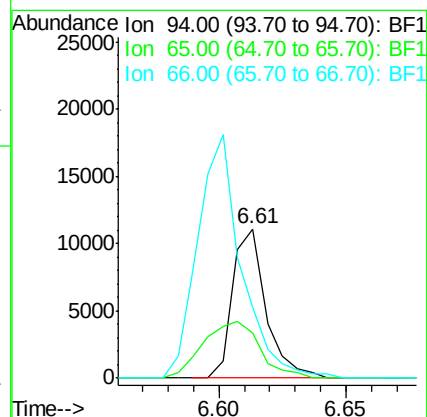
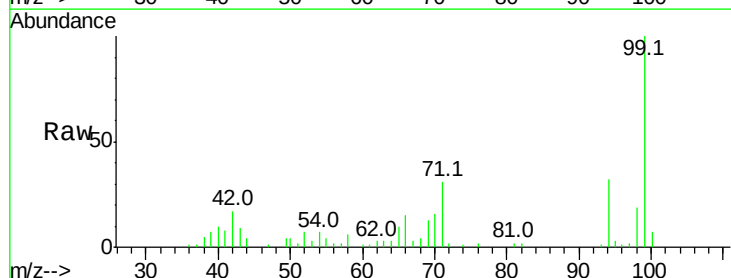
RT: 6.61 min Scan# 727

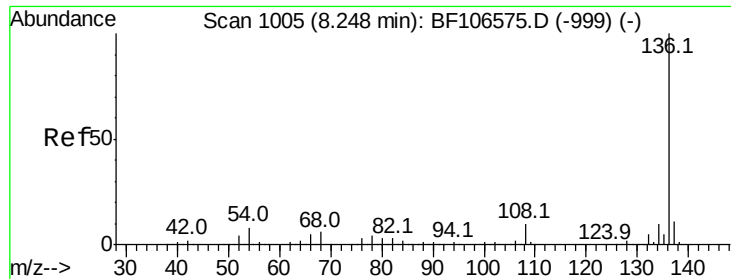
Delta R.T. -0.01 min

Lab File: BF107212.D

Acq: 7 Jul 2018 17:46

Tgt Ion:	94	Resp:	10163
Ion	Ratio	Lower	Upper
94	100		
65	30.4	7.9	47.9
66	47.4	16.2	56.2





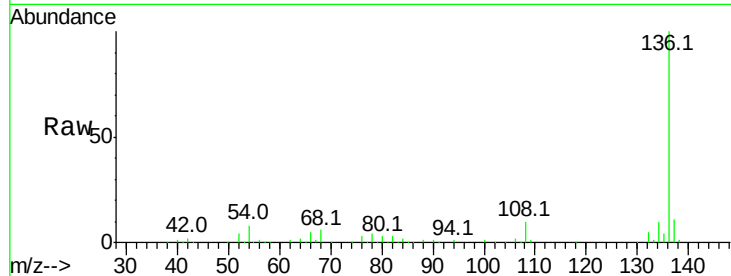
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107212.D
Acq: 7 Jul 2018 17:46

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-3

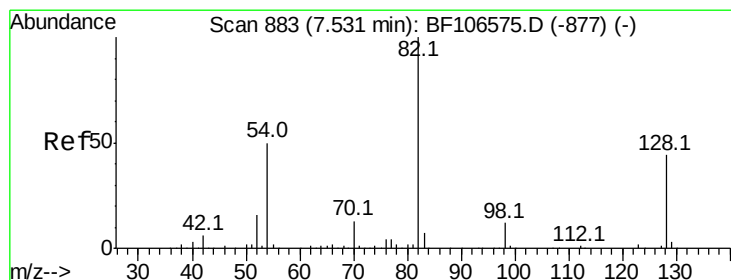
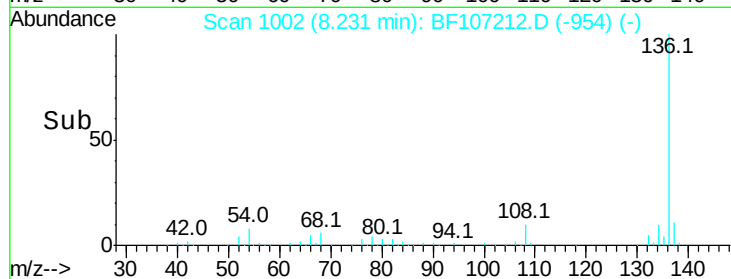
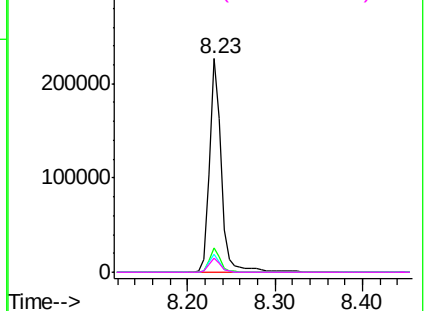
Tot Ion	Ratio	Resp	Lower	Upper
136	100	213226		
137	11.2		8.9	13.3
54	8.3		6.6	9.8
68	6.4		5.0	7.4

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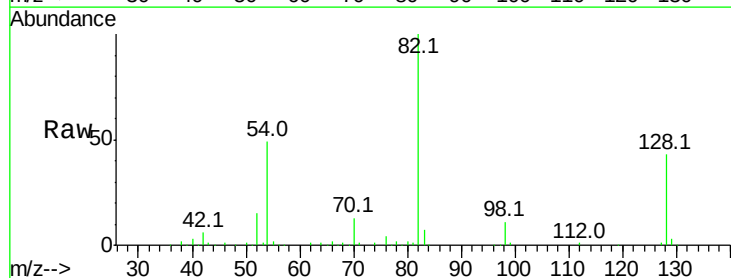


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

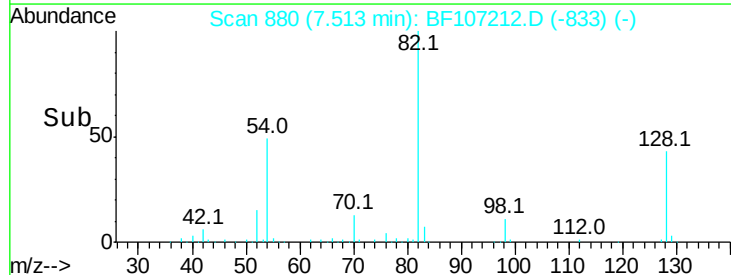
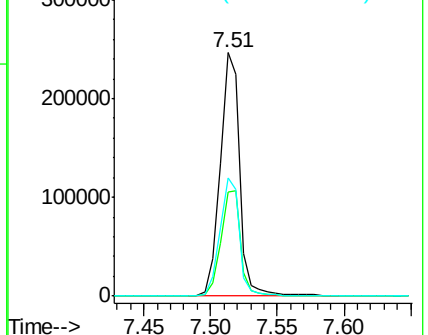


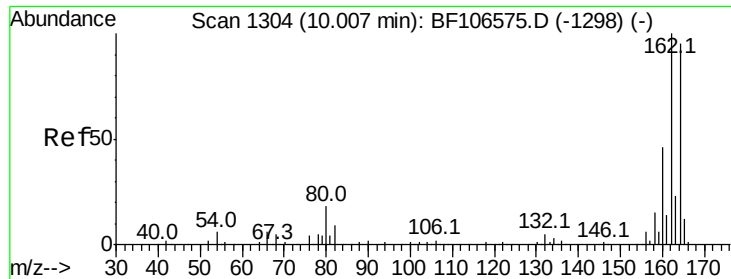
#23
Nitrobenzene-d5
Concen: 66.671 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107212.D
Acq: 7 Jul 2018 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	255804		
128	42.8		36.1	54.1
54	48.8		41.4	62.2



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





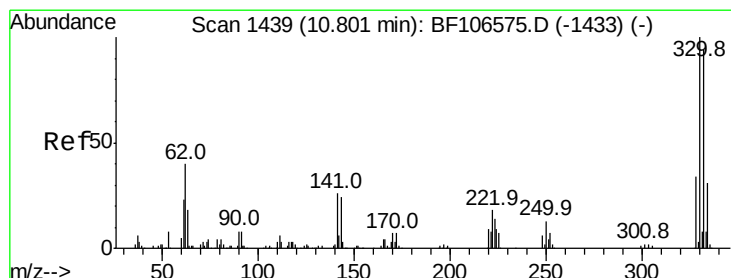
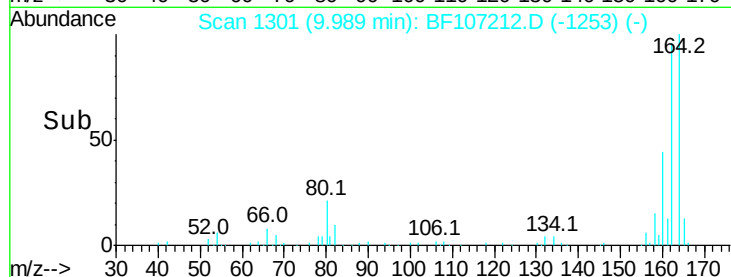
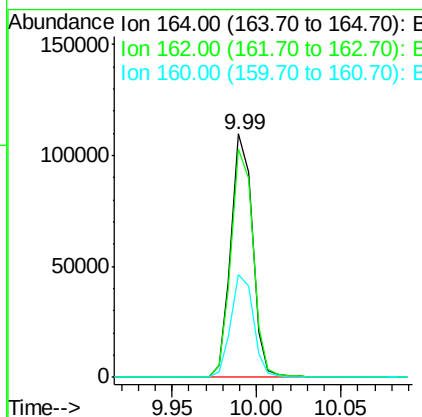
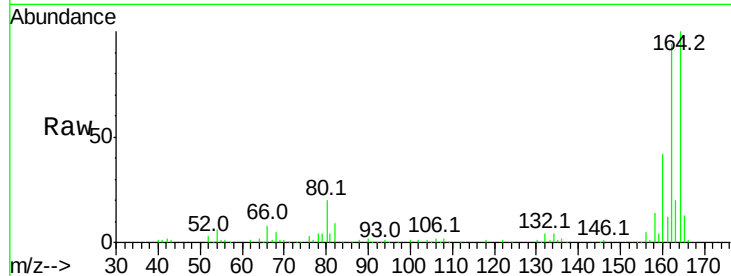
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107212.D
Acq: 7 Jul 2018 17:46

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-3

Tot Ion	Ratio	Lower	Upper
164	100		
162	93.7	86.1	129.1
160	42.3	38.3	57.5

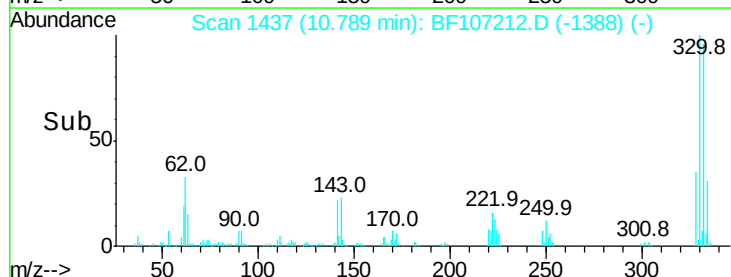
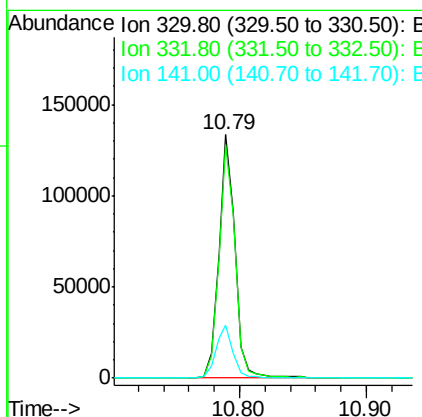
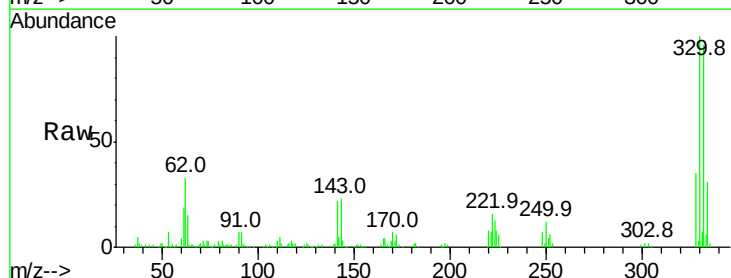
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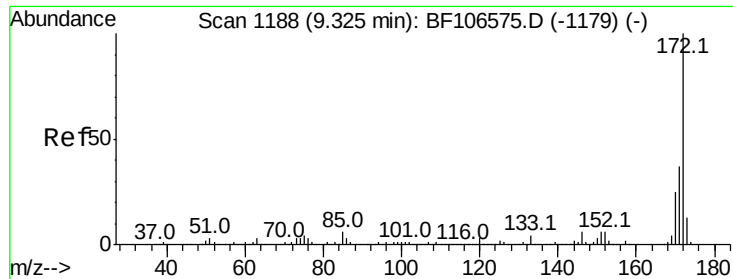
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#41
2,4,6-Tribromophenol
Concen: 105.457 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF107212.D
Acq: 7 Jul 2018 17:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	23.8	29.9	44.9#





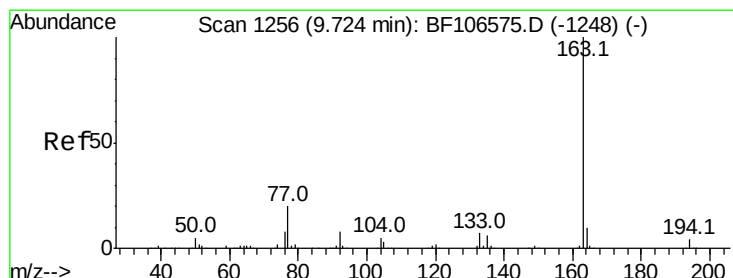
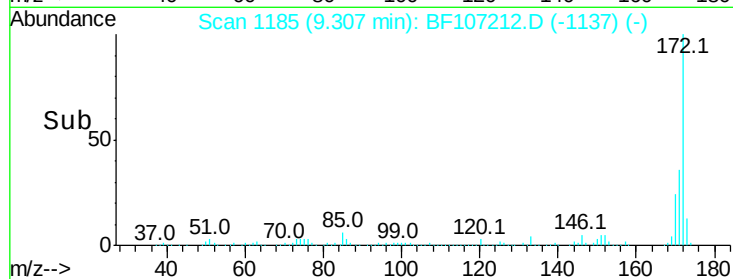
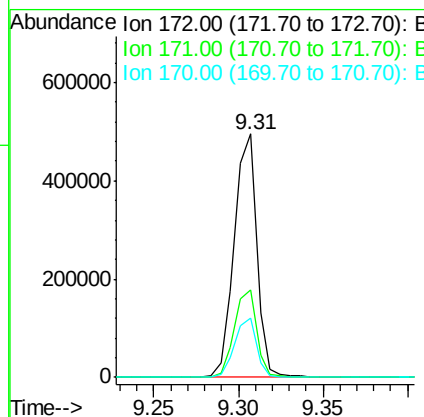
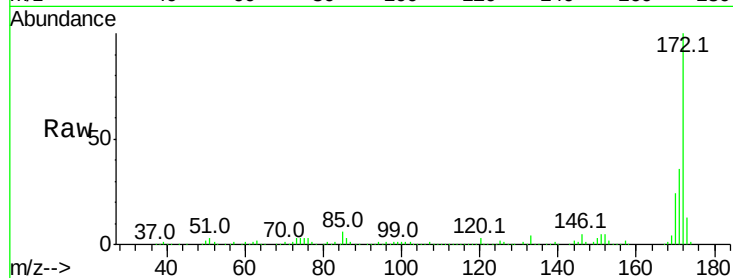
#44
2-Fluorobiphenyl
Concen: 78.505 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF107212.D
Acq: 7 Jul 2018 17:46

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-3

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.1	29.7	44.5	
170	24.2	19.6	29.4	

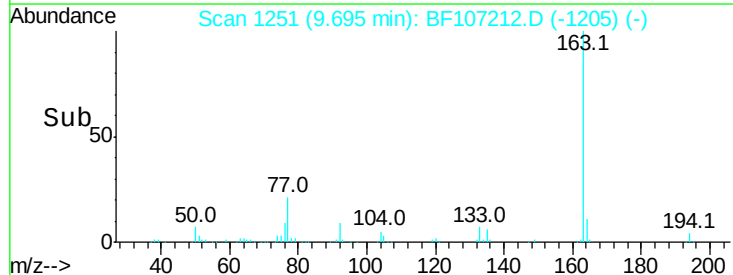
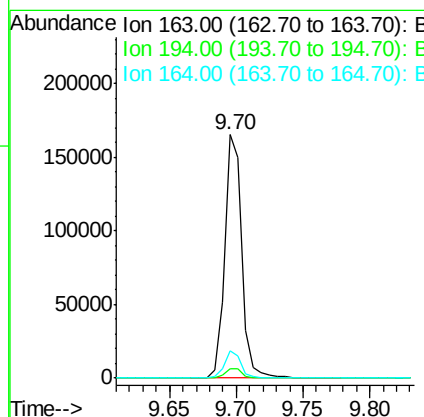
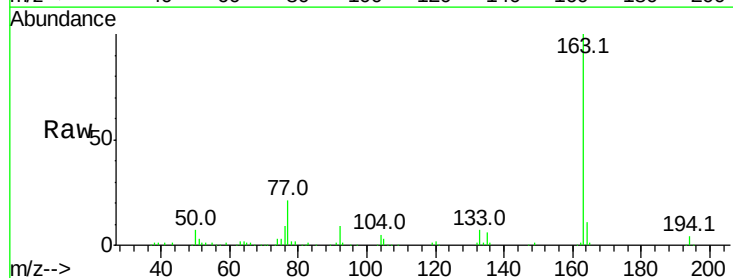
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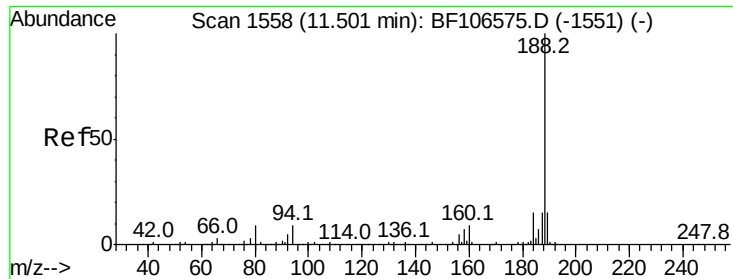
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#49
Dimethylphthalate
Concen: 20.312 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107212.D
Acq: 7 Jul 2018 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	2.7	4.1	
164	11.3	8.2	12.2	





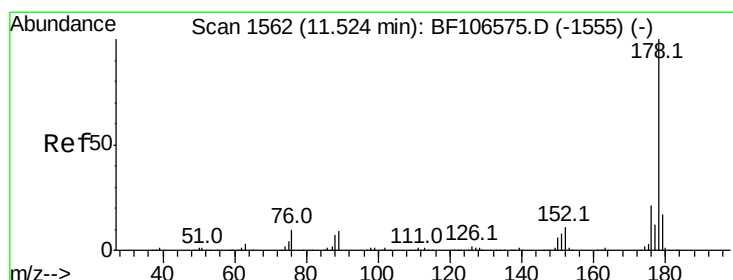
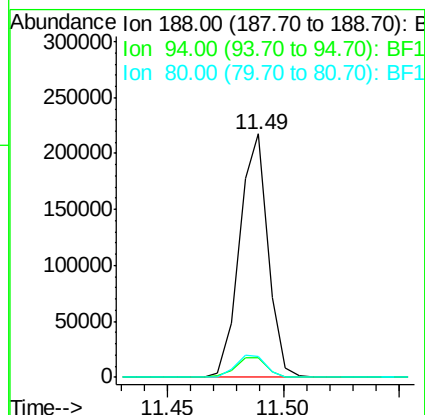
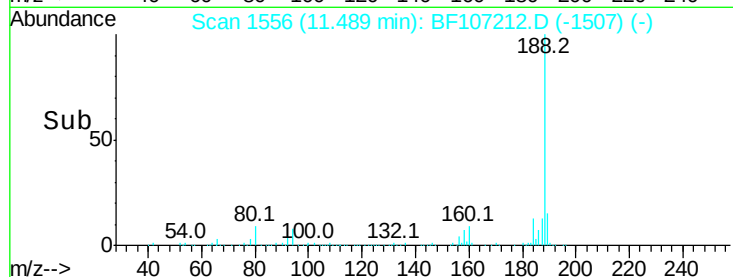
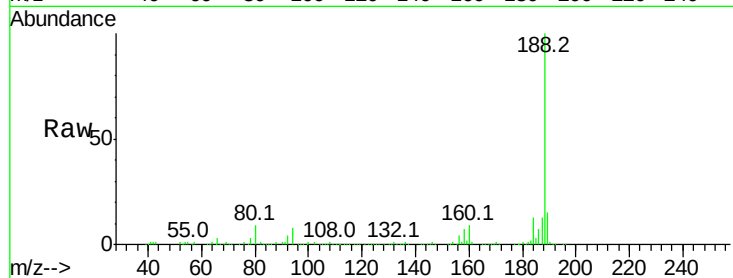
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107212.D
Acq: 7 Jul 2018 17:46

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-3

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.8	9.2	13.8#

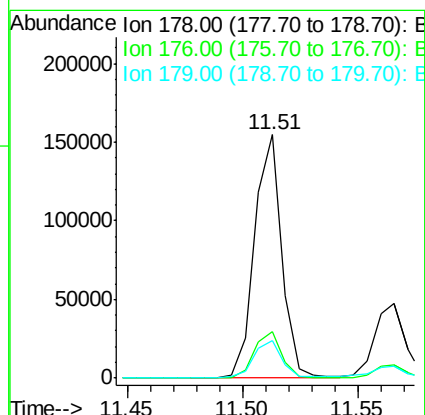
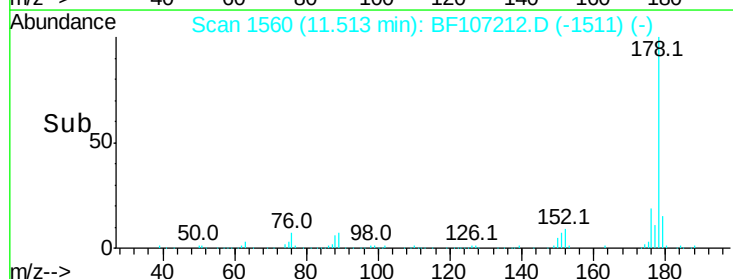
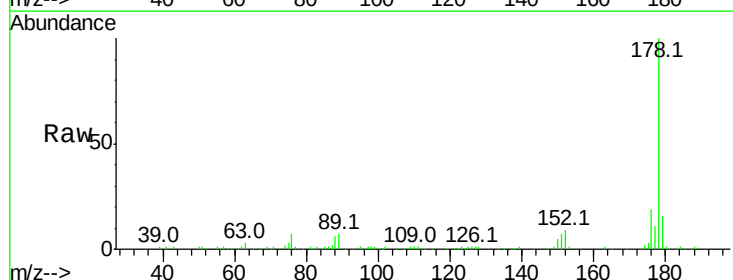
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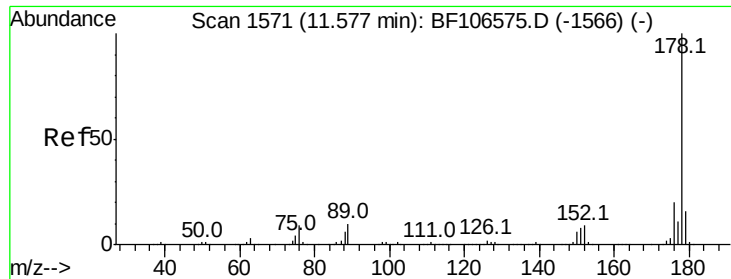
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#70
Phenanthrene
Concen: 14.199 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107212.D
Acq: 7 Jul 2018 17:46

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.5	13.0	19.6





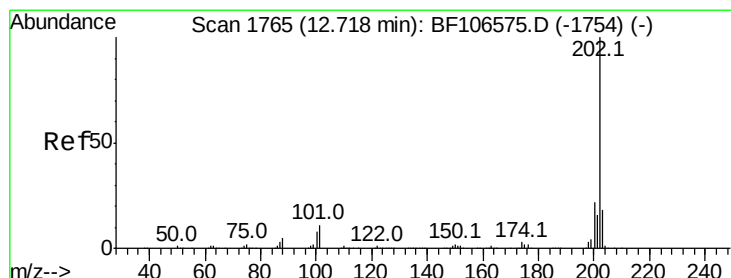
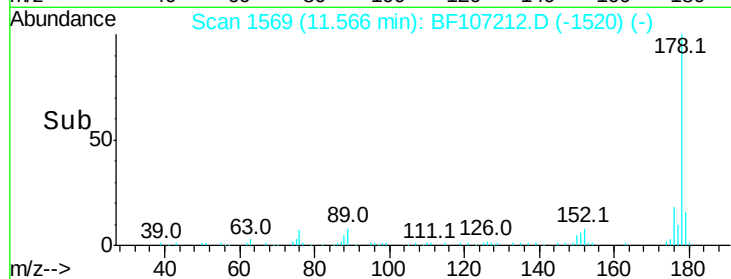
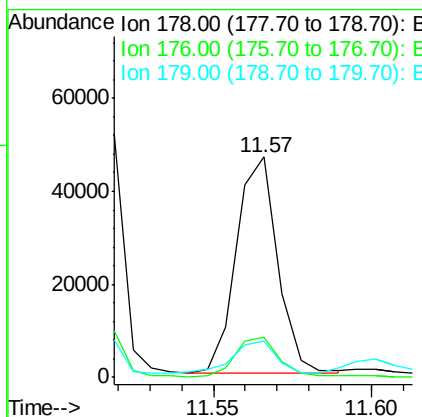
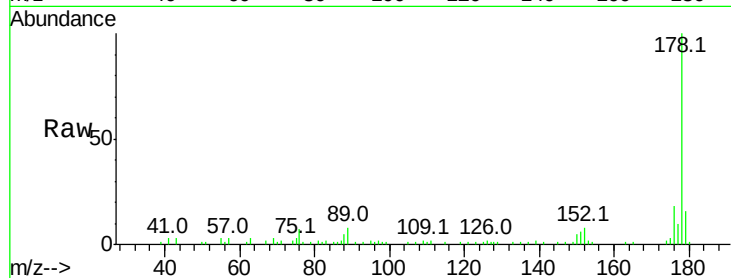
#71
 Anthracene
 Concen: 4.522 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF107212.D
 Acq: 7 Jul 2018 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-3

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	16.4	12.6	19.0

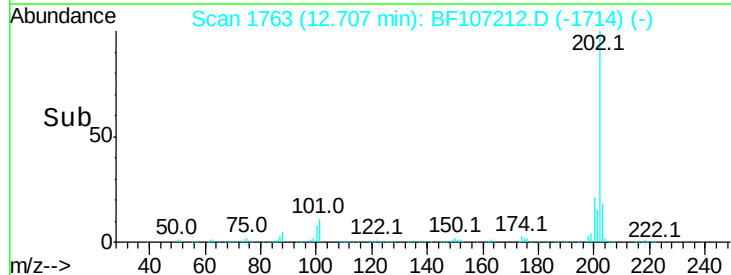
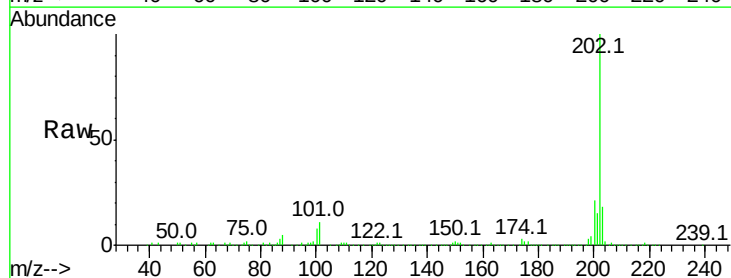
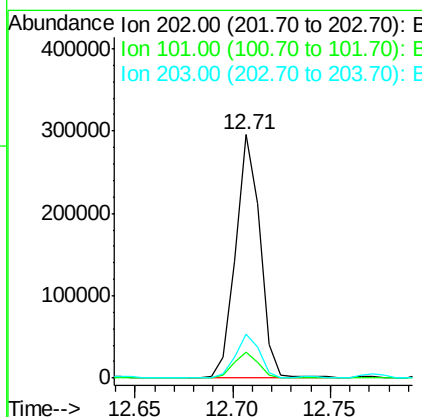
Manual Integrations
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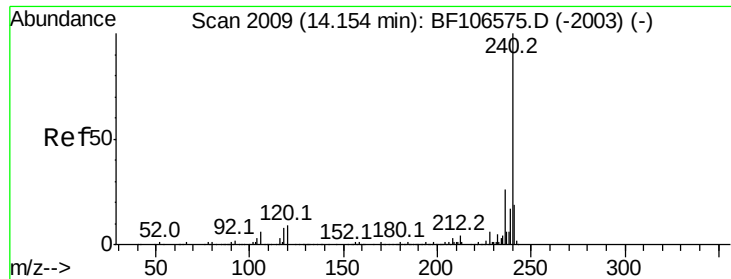
Sohil
 7/9/2018 2:06:40 PM



#74
 Fluoranthene
 Concen: 25.763 ng
 RT: 12.71 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BF107212.D
 Acq: 7 Jul 2018 17:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107212.D

Acq: 7 Jul 2018 17:46

Instrument :

BNA_F

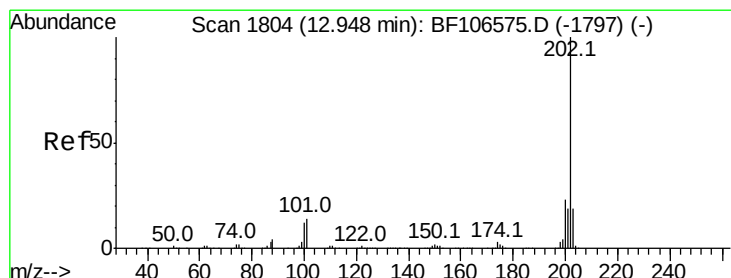
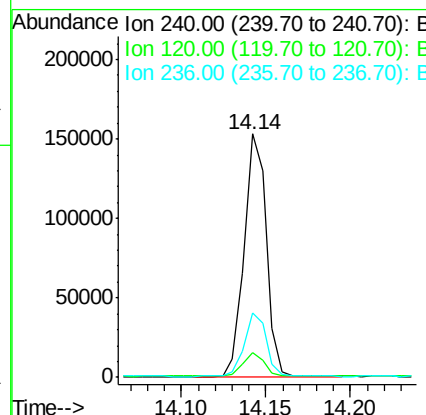
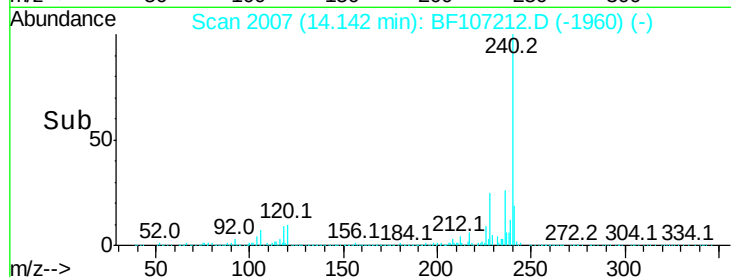
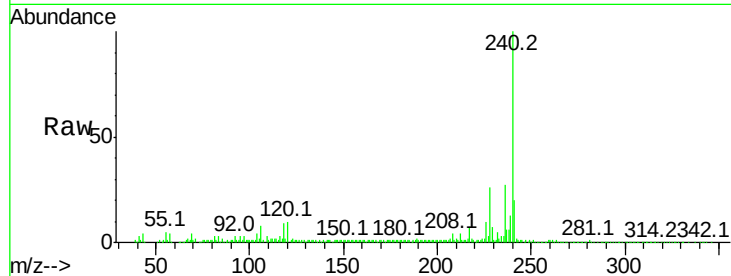
ClientSampleId :

SURCHARGE-SP-3

Tot Ion:	240	Resp:	139011
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.5	14.3
236	26.7	20.7	31.1

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#77

Pyrene

Concen: 27.095 ng

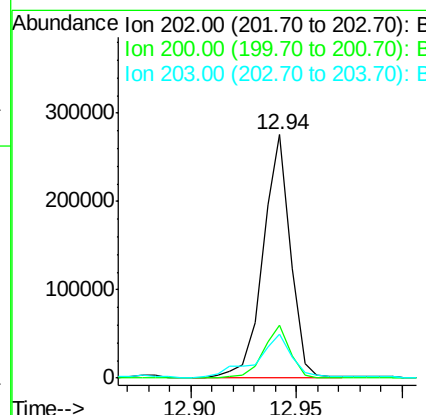
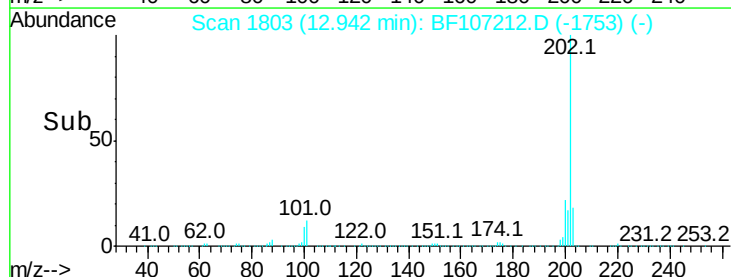
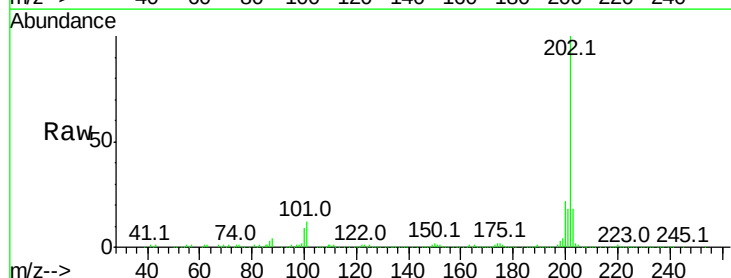
RT: 12.94 min Scan# 1803

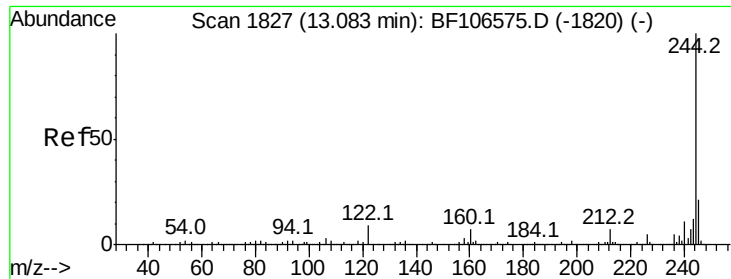
Delta R.T. -0.01 min

Lab File: BF107212.D

Acq: 7 Jul 2018 17:46

Tgt Ion:	202	Resp:	248379
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.4	26.2
203	18.1	14.3	21.5





#78

Terphenyl-d14

Concen: 92.465 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107212.D

Acq: 7 Jul 2018 17:46

Instrument :

BNA_F

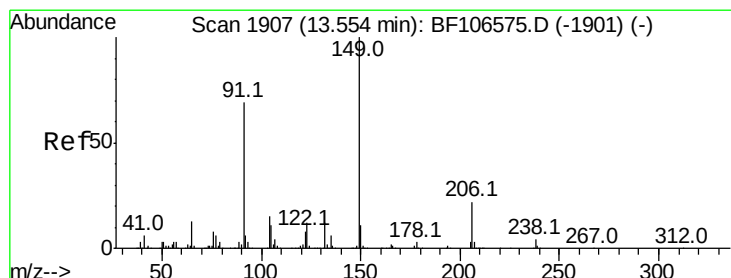
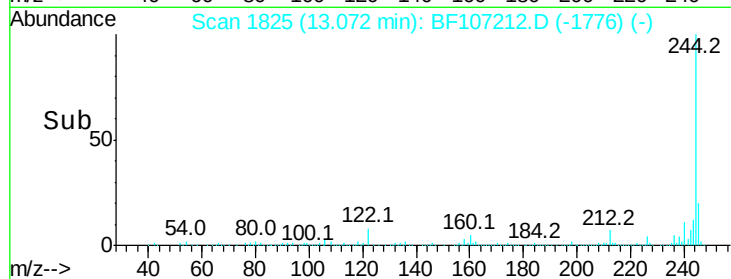
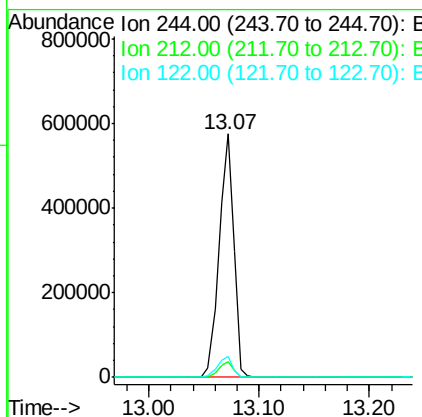
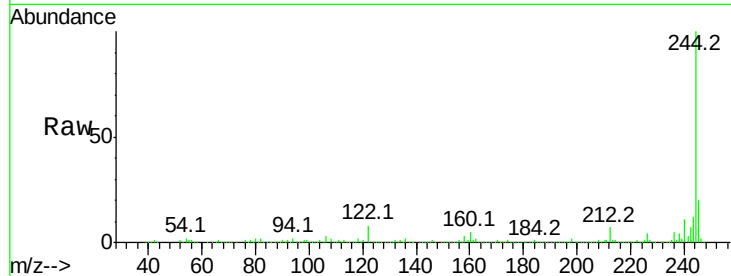
ClientSampleId :

SURCHARGE-SP-3

Tot Ion:	244	Resp:	530639
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	8.4	11.0	16.4#

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#79

Butylbenzylphthalate

Concen: 2.280 ng

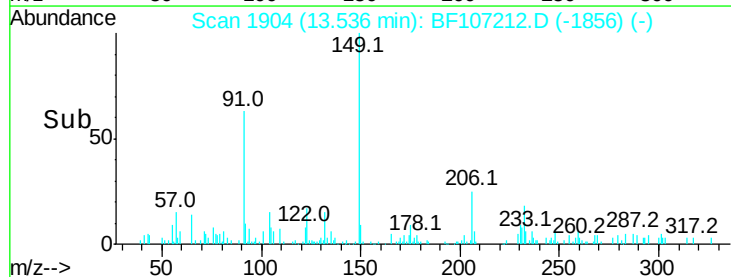
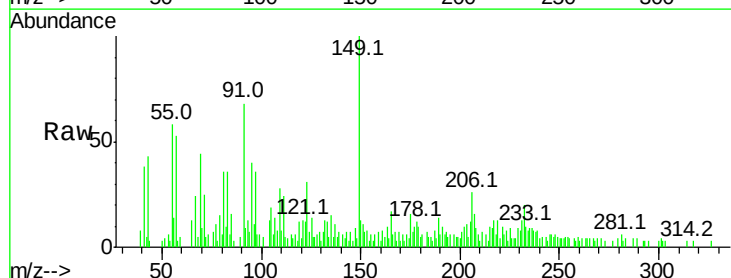
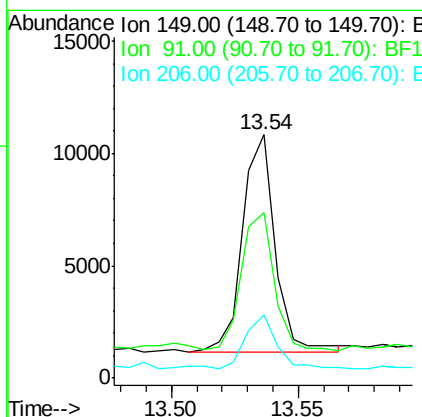
RT: 13.54 min Scan# 1904

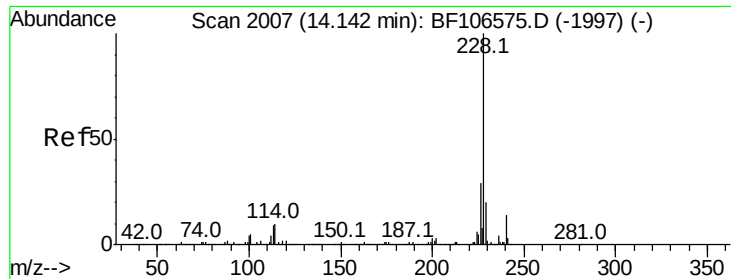
Delta R.T. -0.02 min

Lab File: BF107212.D

Acq: 7 Jul 2018 17:46

Tgt Ion:	149	Resp:	8595
Ion Ratio	Lower	Upper	
149	100		
91	68.1	56.8	85.2
206	26.1	14.1	21.1#





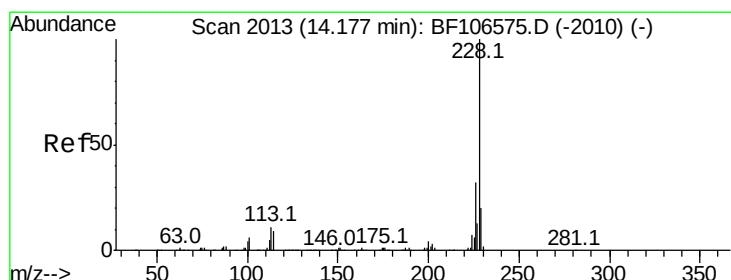
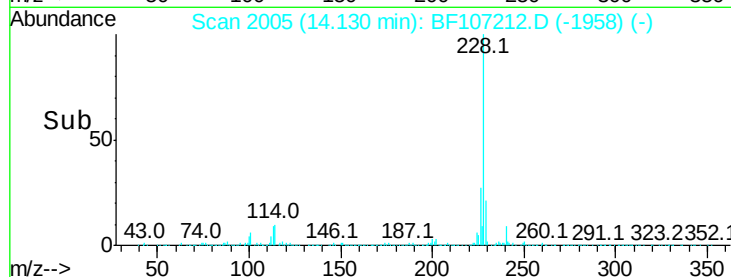
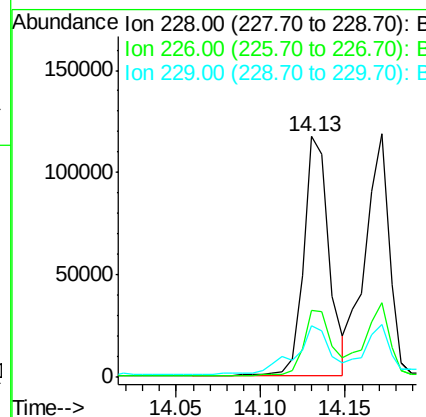
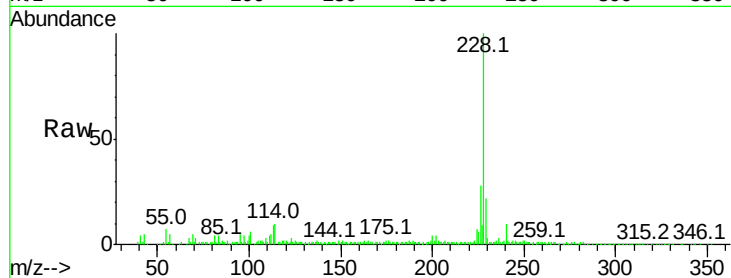
#80
Benzo(a)anthracene
Concen: 14.433 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF107212.D
Acq: 7 Jul 2018 17:46

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	21.6	15.8	23.6

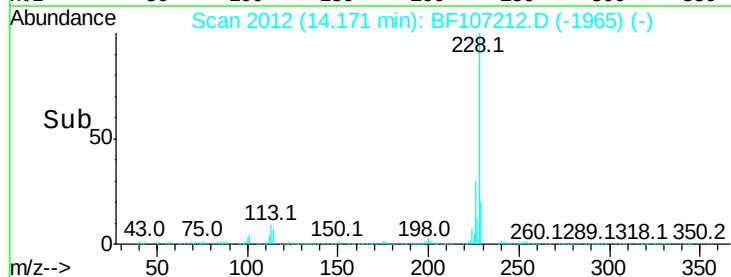
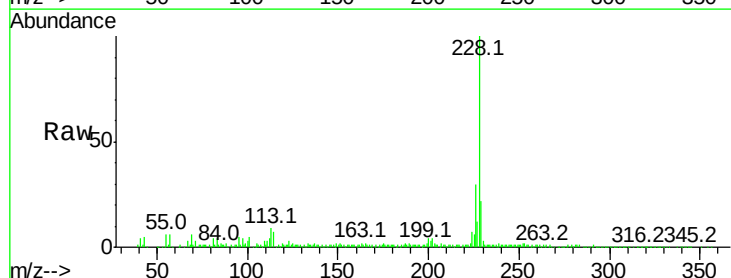
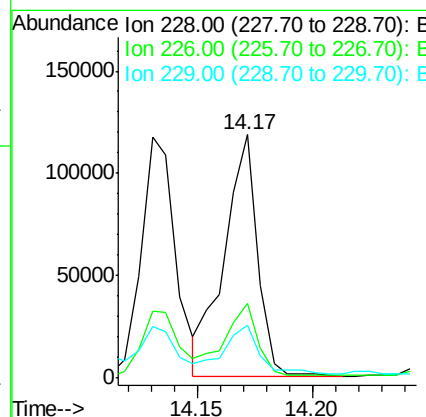
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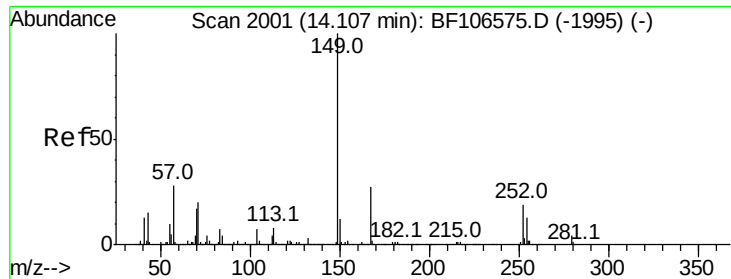
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#82
Chrysene
Concen: 15.197 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF107212.D
Acq: 7 Jul 2018 17:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	21.9	16.2	24.4





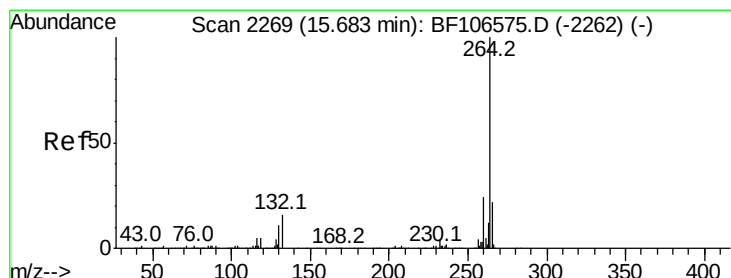
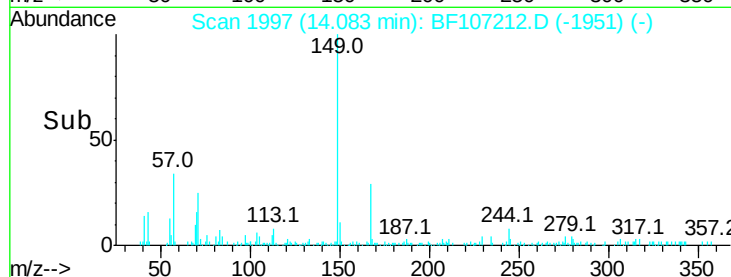
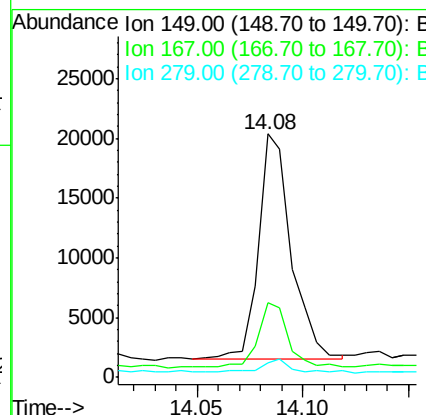
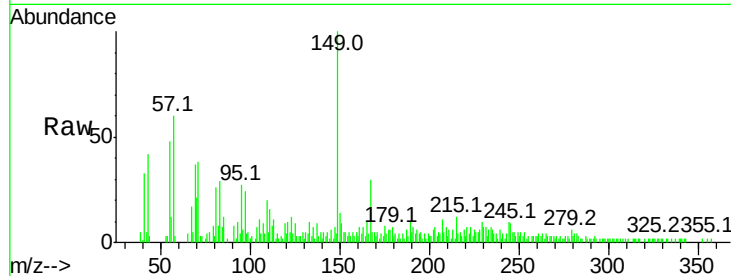
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.192 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF107212.D
 Acq: 7 Jul 2018 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-3

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.4	21.3	31.9
279	6.0	3.0	4.4

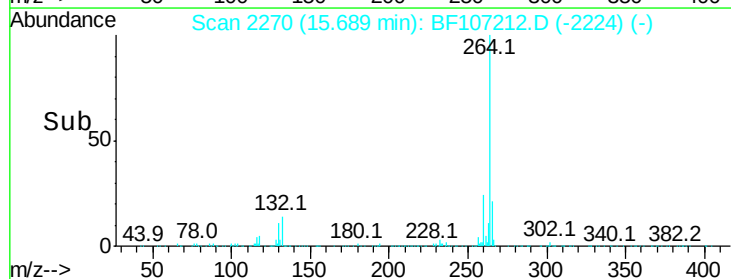
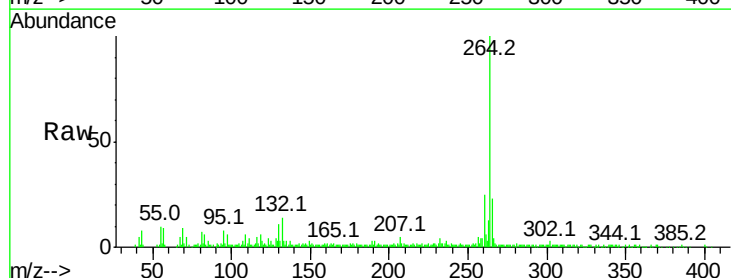
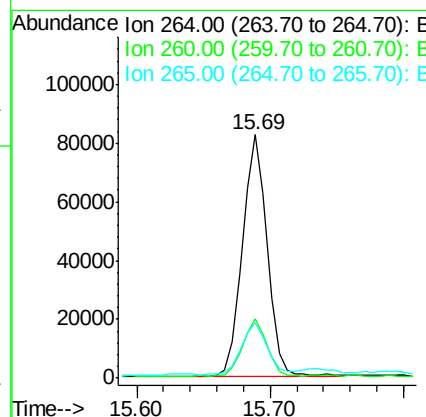
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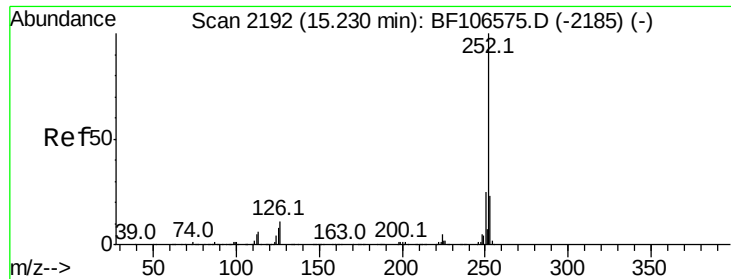
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BF107212.D
 Acq: 7 Jul 2018 17:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 19.548 ng m

RT: 15.23 min Scan# 2192

Delta R.T. -0.03 min

Lab File: BF107212.D

Acq: 7 Jul 2018 17:46

Instrument :

BNA_F

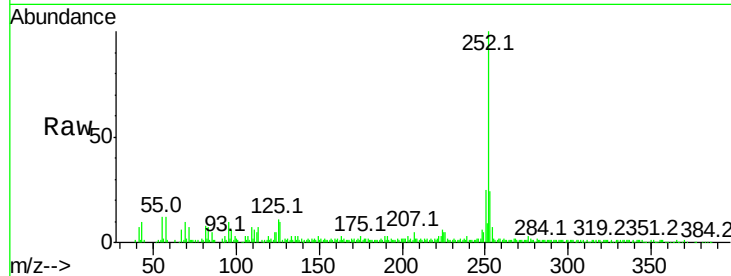
ClientSampleId :

SURCHARGE-SP-3

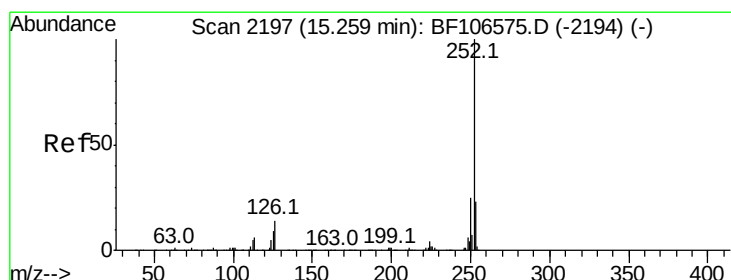
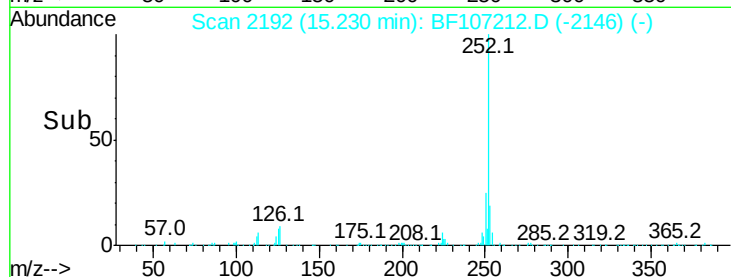
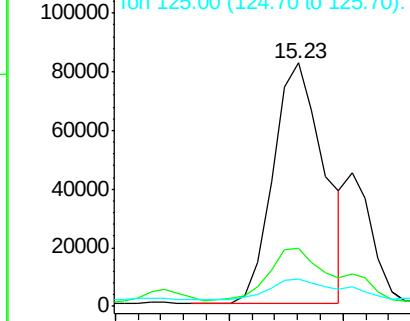
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	11.0	9.0	13.6

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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: 5.809 ng m

RT: 15.25 min Scan# 2196

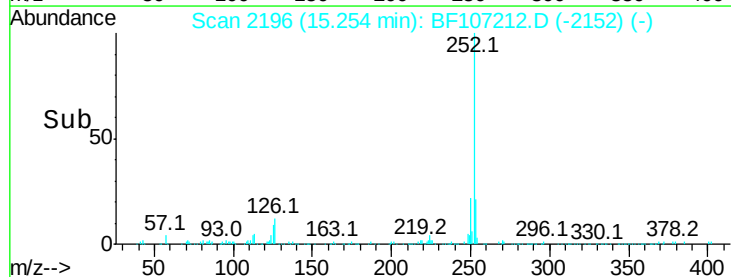
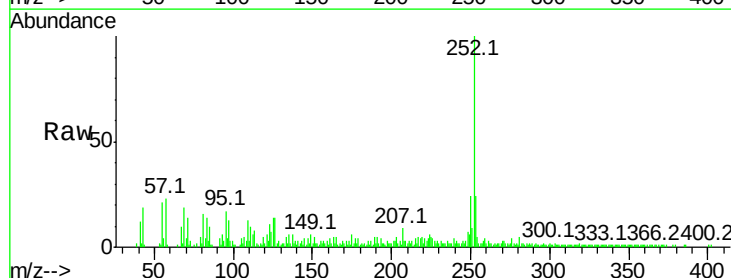
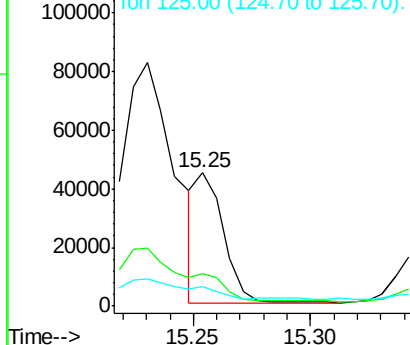
Delta R.T. -0.04 min

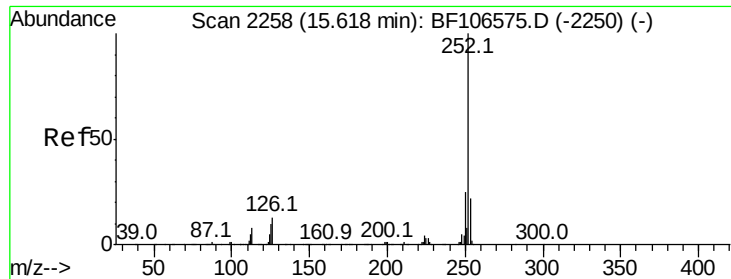
Lab File: BF107212.D

Acq: 7 Jul 2018 17:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	14.4	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





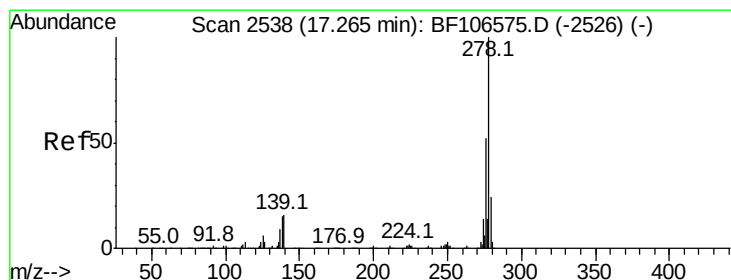
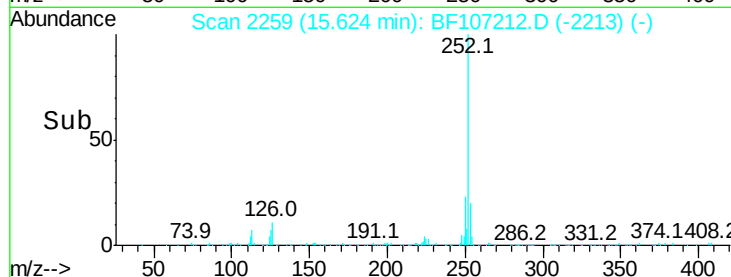
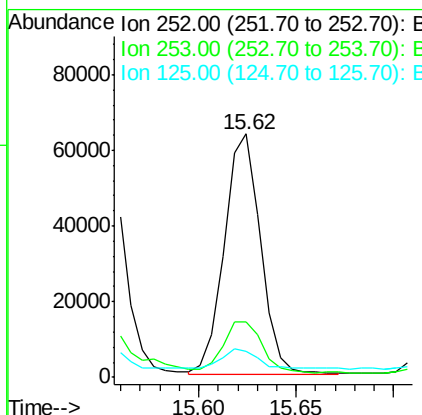
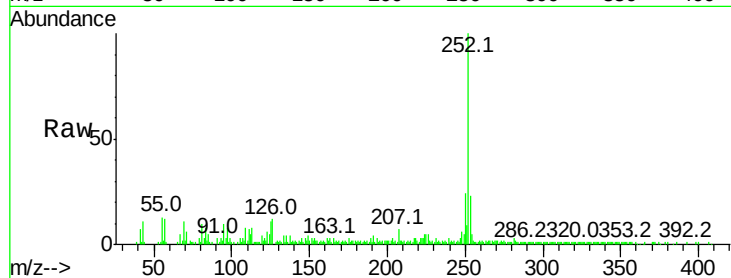
#89
Benzo(a)pyrene
Concen: 13.977 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.03 min
Lab File: BF107212.D
Acq: 7 Jul 2018 17:46

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	10.8	9.8	14.6

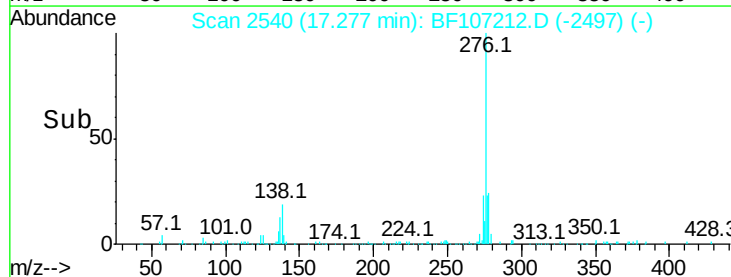
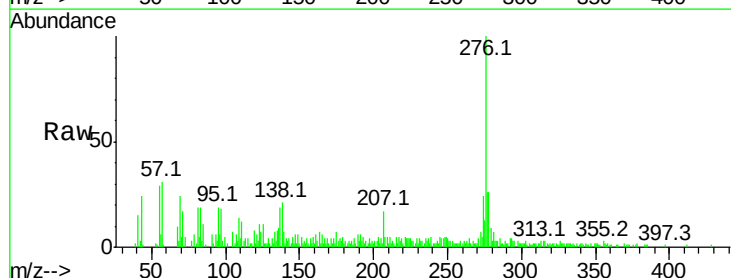
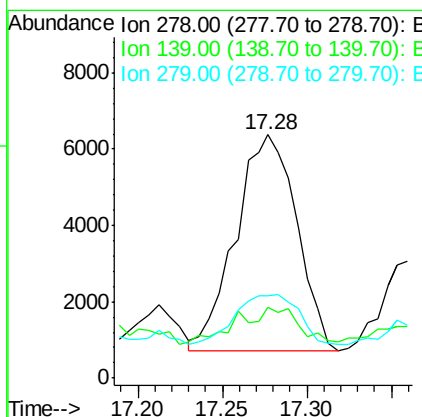
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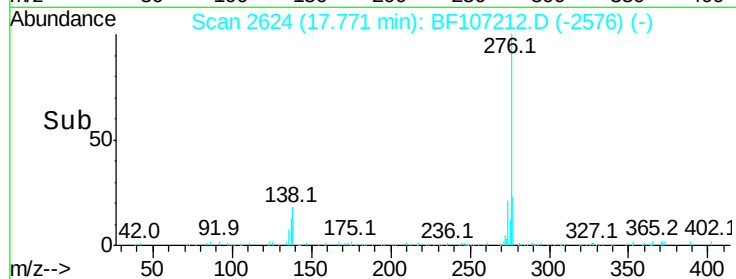
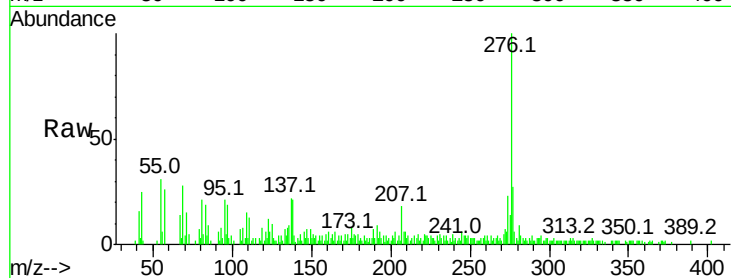
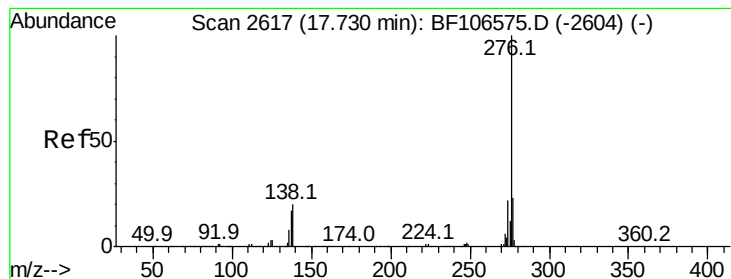
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#90
Dibenzo(a,h)anthracene
Concen: 2.885 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.05 min
Lab File: BF107212.D
Acq: 7 Jul 2018 17:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.8	15.9	23.9#
279	33.8	19.0	28.4#





#91

Benzo(a,h,i)perylene

Concen: 10.274 ng

RT: 17.77 min Scan# 2624

Delta R.T. -0.02 min

Lab File: BF107212.D

Acq: 7 Jul 2018 17:46

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-3

Tot Ion:	276	Resp:	49622
Ion Ratio	Lower	Upper	
276	100		
277	26.8	17.9	26.9
138	20.5	21.8	32.8#

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