

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
 Data File : BF107236.D
 Acq On : 9 Jul 2018 18:35
 Operator : JU/SJ
 Sample : J3880-15RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-18RE

Manual Integrations
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Quant Time: Jul 10 10:57:45 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	38836	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	131987	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	62449	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	132883	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	115668	20.00	ng	-0.02
86) Perylene-d12	15.69	264	79838	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	193447	84.35	ng	-0.01
7) Phenol-d6	6.60	99	232632	81.22	ng	-0.02
23) Nitrobenzene-d5	7.51	82	134644	56.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	68315	94.38	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	256037	66.12	ng	-0.02
78) Terphenyl-d14	13.07	244	355073	74.36	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	63300	13.515	ng	Qvalue 98
70) Phenanthrene	11.51	178	64864	10.120	ng	98
71) Anthracene	11.57	178	22532	3.444	ng	99
74) Fluoranthene	12.71	202	145577	20.608	ng	95
77) Pyrene	12.94	202	136335	17.874	ng	99
80) Benzo(a)anthracene	14.14	228	70194m	9.957	ng	
82) Chrysene	14.17	228	68766m	10.603	ng	
83) Bis(2-ethylhexyl)phthalate	14.08	149	11085	2.765	ng	# 97
85) Indeno(1,2,3-cd)pyrene	17.29	276	30603m	5.560	ng	
87) Benzo(b)fluoranthene	15.23	252	66487m	13.406	ng	
88) Benzo(k)fluoranthene	15.25	252	21151m	4.478	ng	
89) Benzo(a)pyrene	15.62	252	42162	9.563	ng	96
90) Dibenzo(a,h)anthracene	17.28	278	7800	2.088	ng	# 80
91) Benzo(a,h,i)perylene	17.78	276	28191	7.719	ng	# 93

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

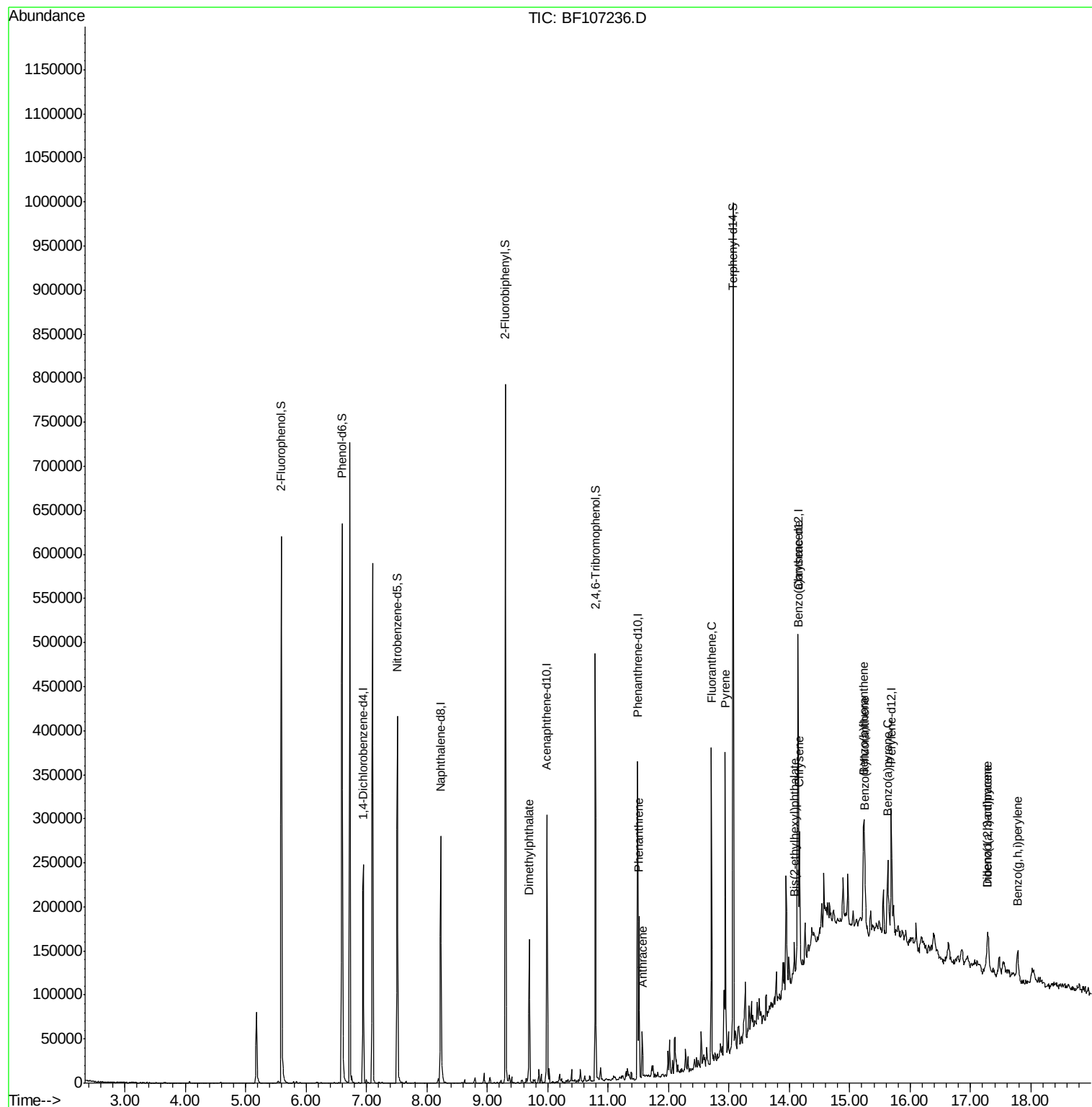
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
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ALS Vial : 17 Sample Multiplier: 1

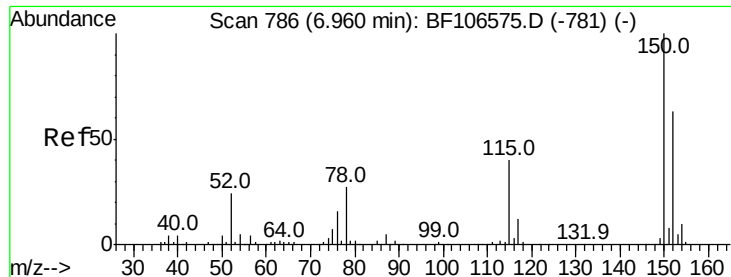
Instrument :
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#1

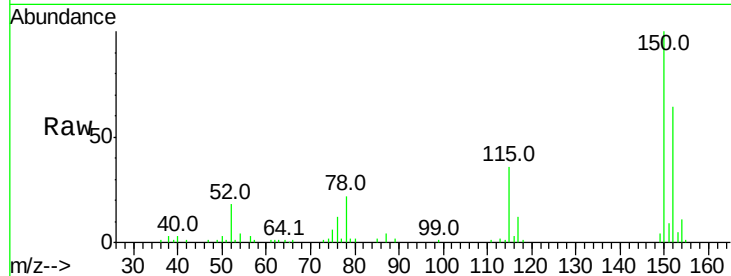
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107236.D
Acq: 9 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-18RE

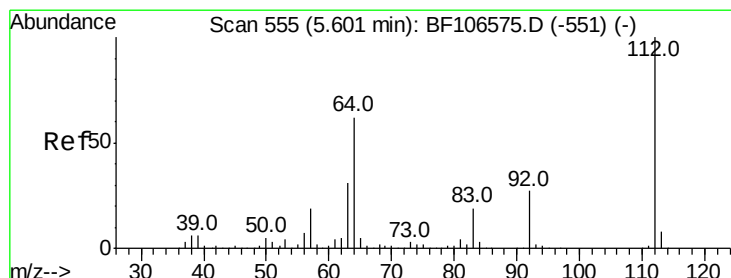
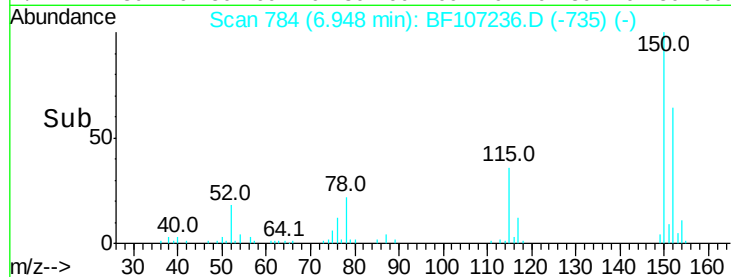
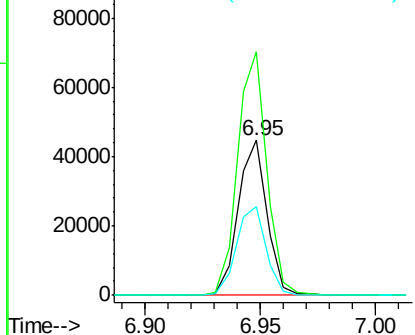
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	57.1	50.1	75.1

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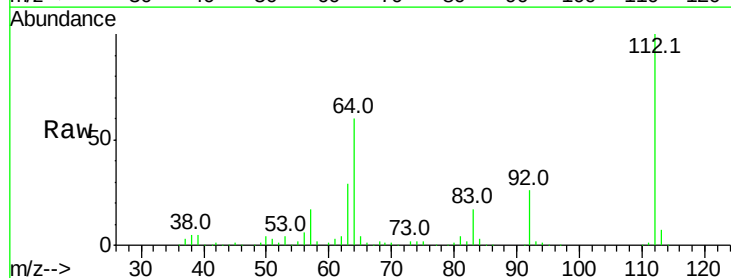
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



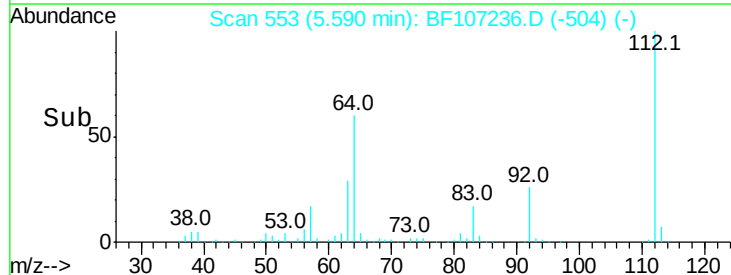
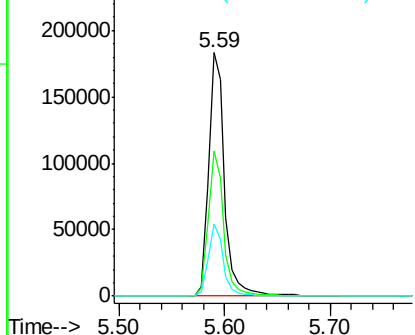
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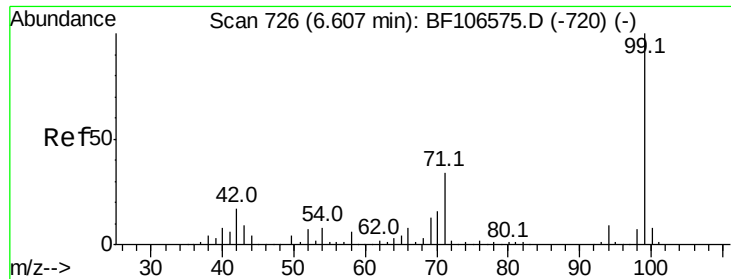
2-Fluorophenol
Concen: 84.346 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107236.D
Acq: 9 Jul 2018 18:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	29.5	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: 81.223 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107236.D

Acq: 9 Jul 2018 18:35

Instrument :

BNA_F

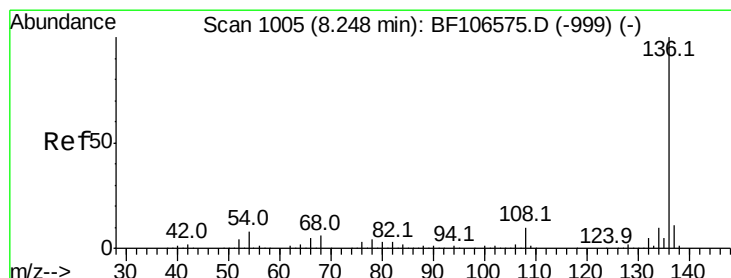
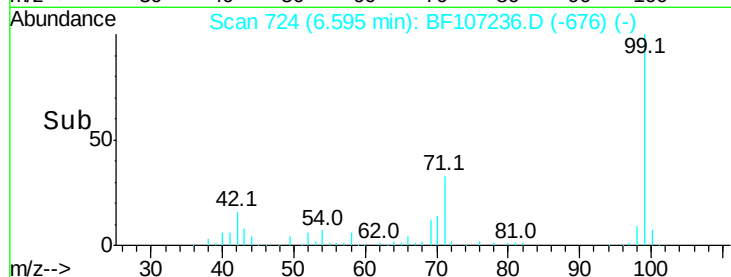
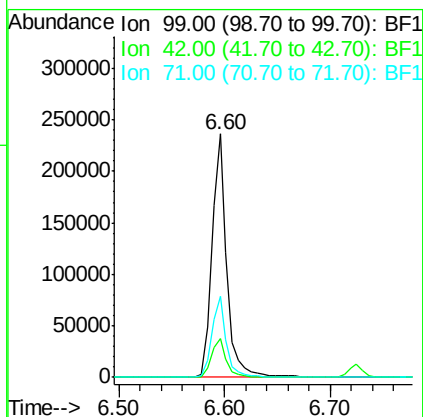
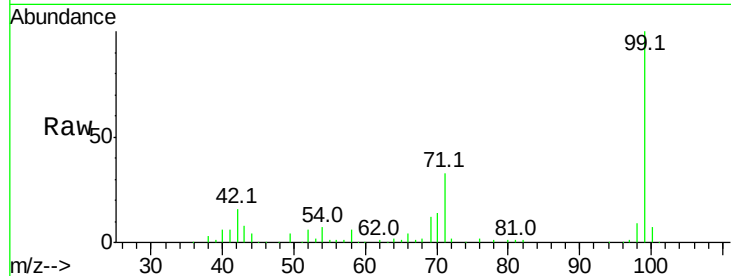
ClientSampleId :

SURCHARGE-SP-18RE

Tot Ion:	99	Resp:	232632
Ion Ratio	Lower	Upper	
99	100		
42	15.8	14.5	21.7
71	33.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

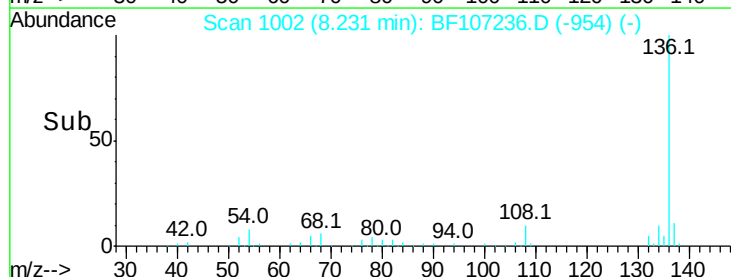
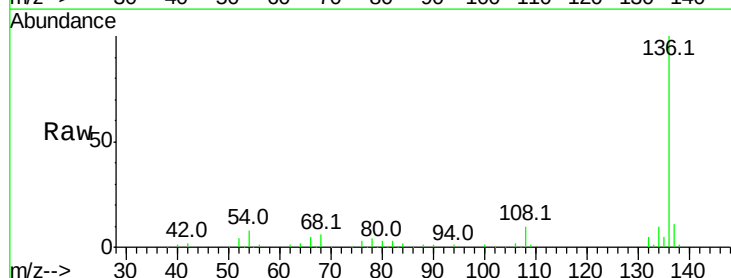
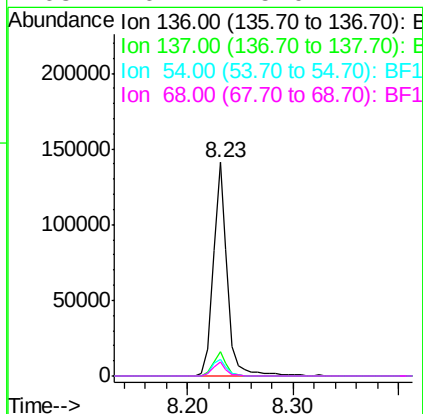
RT: 8.23 min Scan# 1002

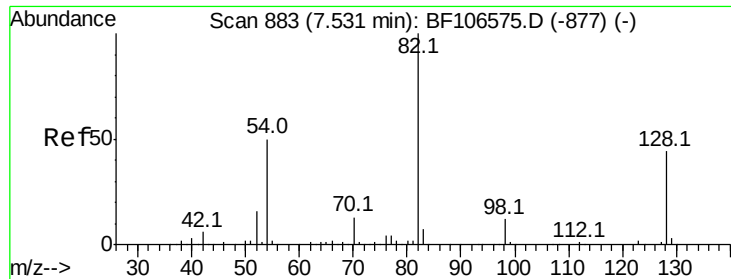
Delta R.T. -0.02 min

Lab File: BF107236.D

Acq: 9 Jul 2018 18:35

Tgt Ion:	136	Resp:	131987
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	8.1	6.6	9.8
68	6.4	5.0	7.4





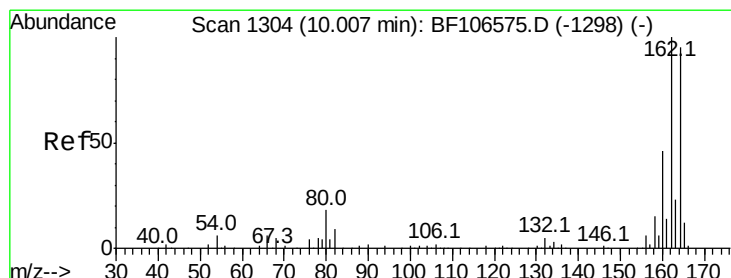
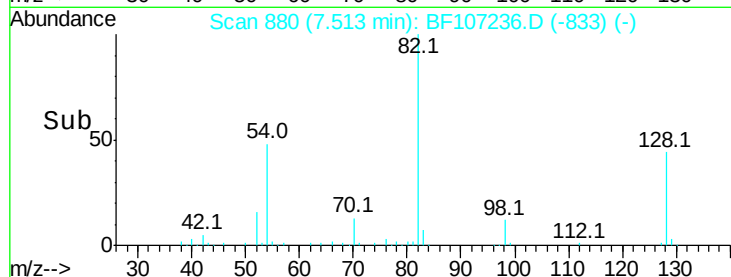
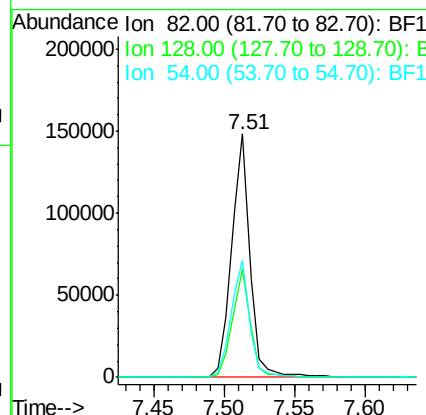
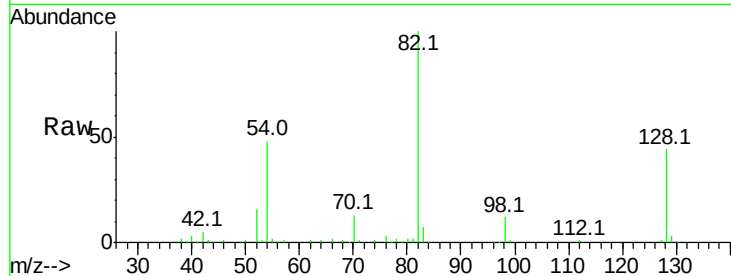
#23
 Nitrobenzene-d5
 Concen: 56.692 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107236.D
 Acq: 9 Jul 2018 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-18RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	48.0	41.4	62.2

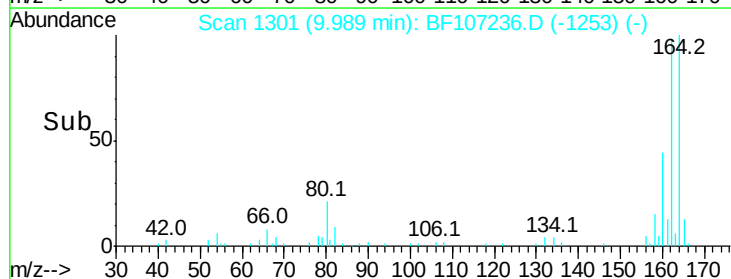
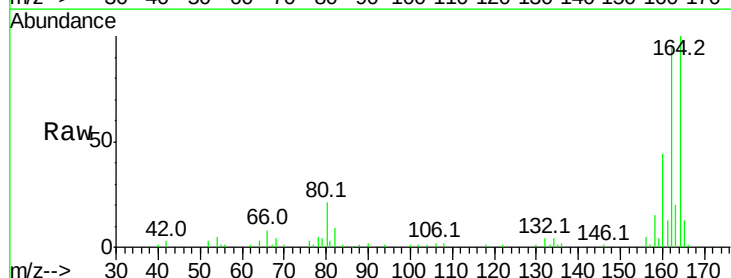
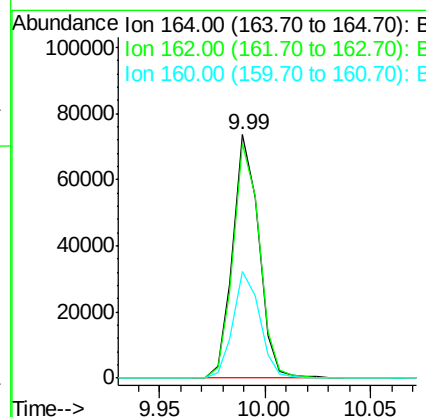
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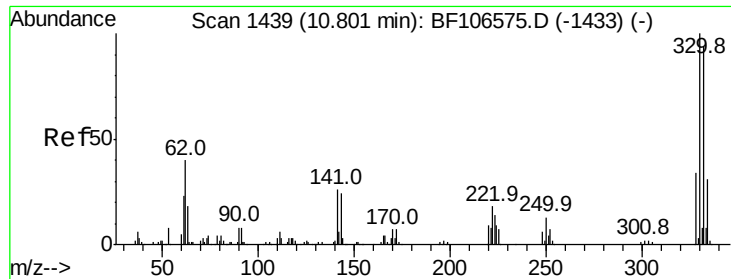
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107236.D
 Acq: 9 Jul 2018 18:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.3	86.1	129.1
160	43.8	38.3	57.5





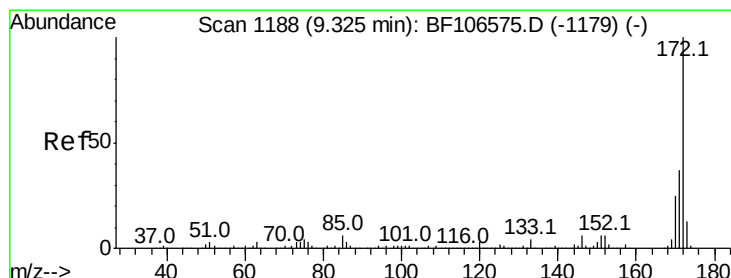
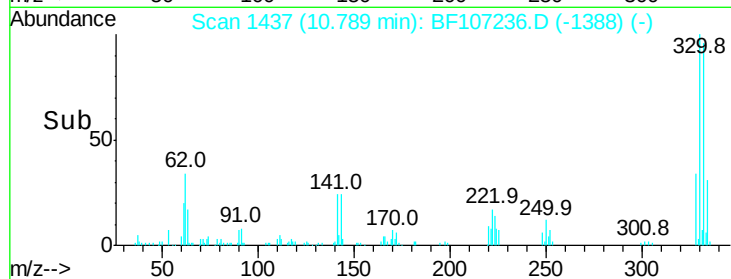
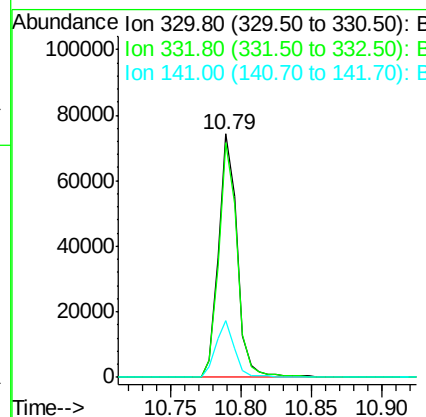
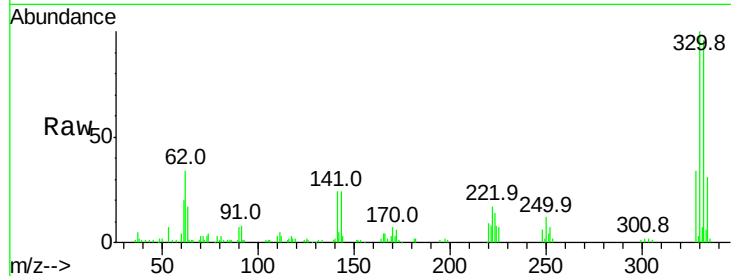
#41
 2,4,6-Tribromophenol
 Concen: 94.384 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107236.D
 Acq: 9 Jul 2018 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-18RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	23.1	29.9	44.9#

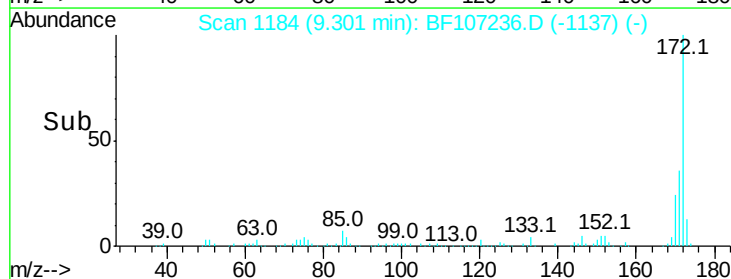
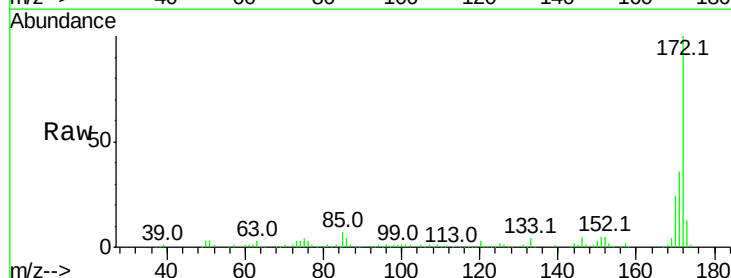
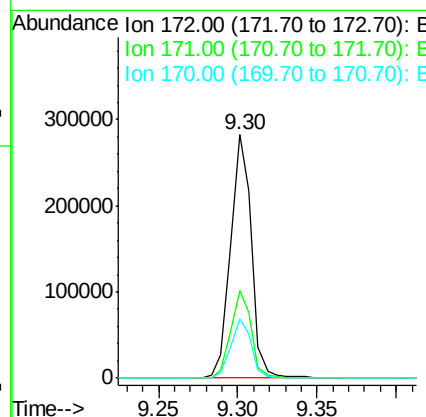
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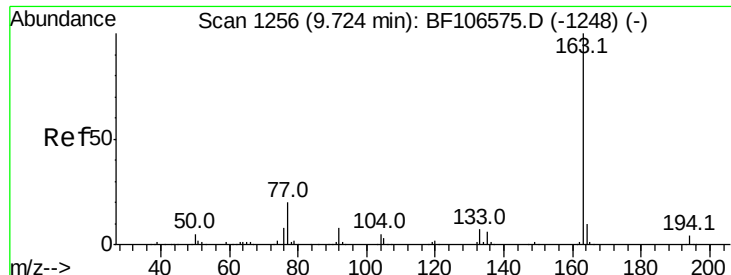
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#44
 2-Fluorobiphenyl
 Concen: 66.120 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107236.D
 Acq: 9 Jul 2018 18:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.2	19.6	29.4





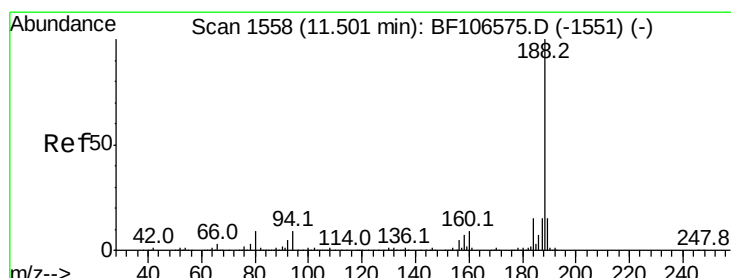
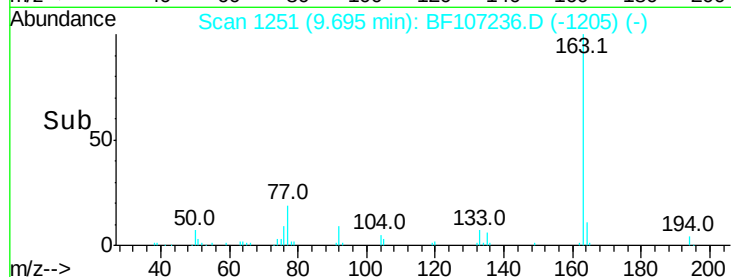
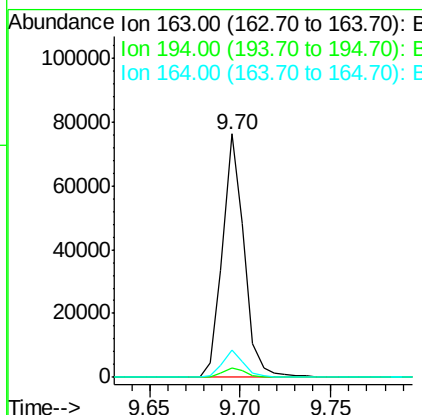
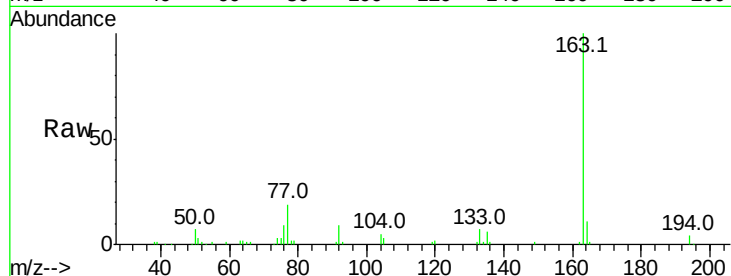
#49
Dimethylphthalate
Concen: 13.515 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107236.D
Acq: 9 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-18RE

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	11.2	8.2	12.2

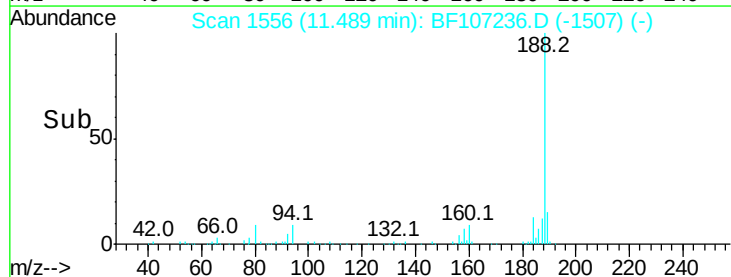
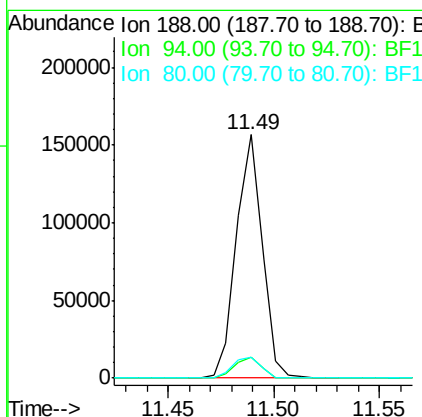
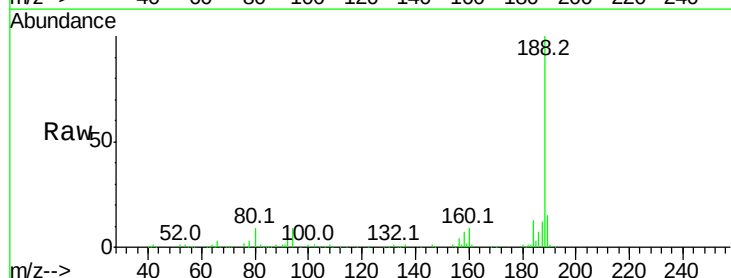
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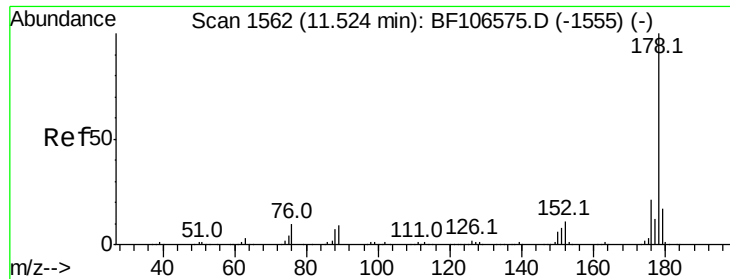
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107236.D
Acq: 9 Jul 2018 18:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	8.7	9.2	13.8#





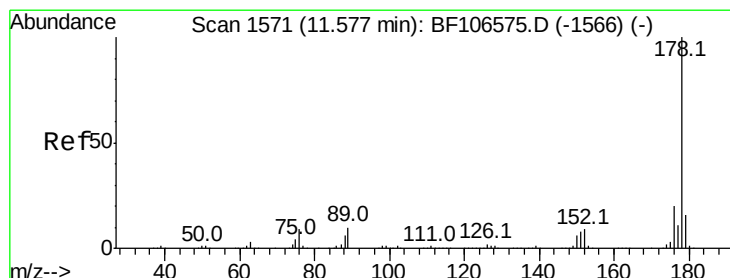
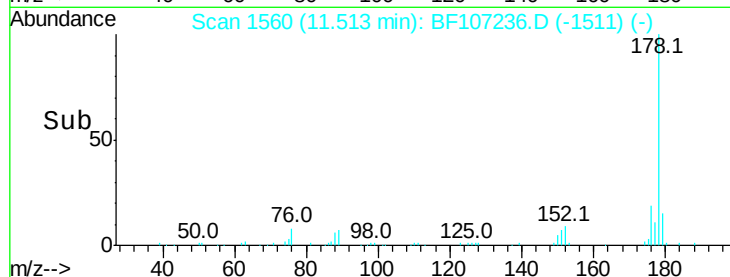
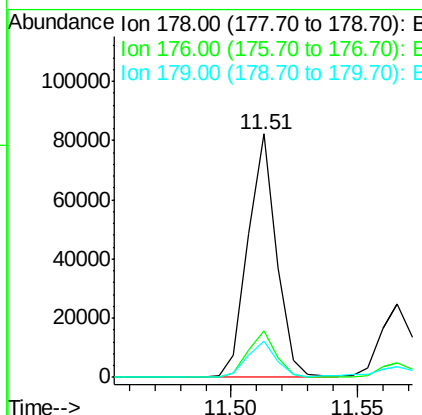
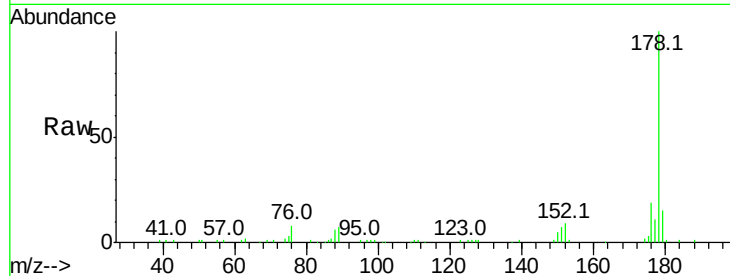
#70
Phenanthrene
Concen: 10.120 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107236.D
Acq: 9 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-18RE

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.0	13.0	19.6

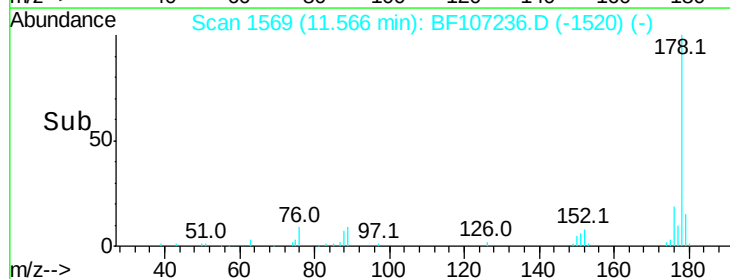
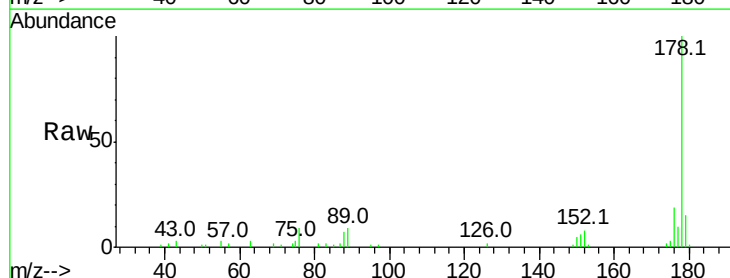
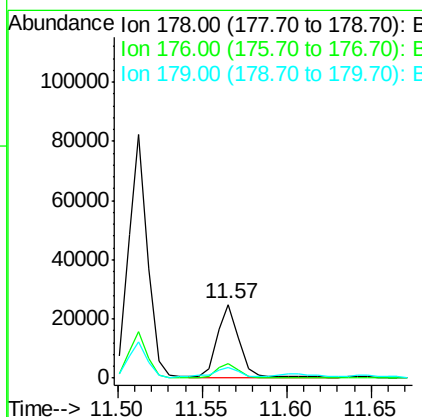
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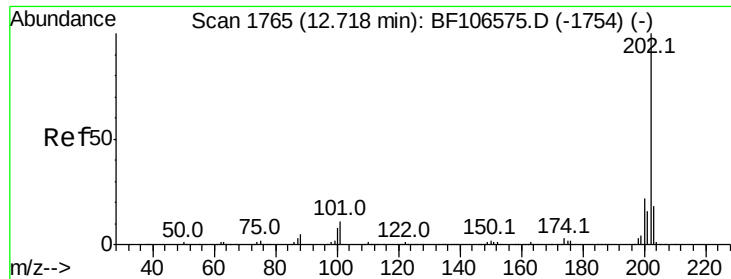
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#71
Anthracene
Concen: 3.444 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF107236.D
Acq: 9 Jul 2018 18:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.1	12.6	19.0





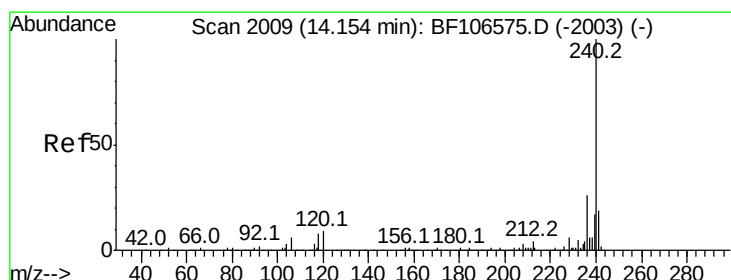
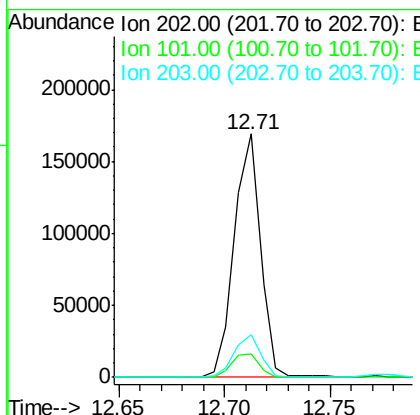
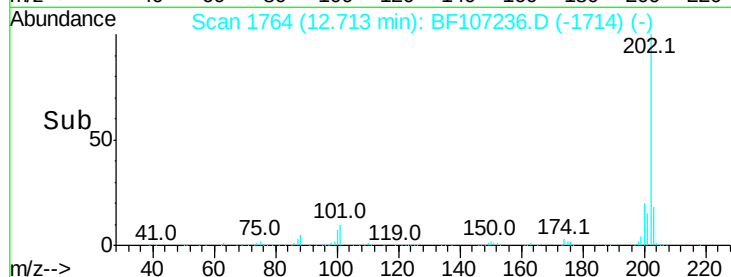
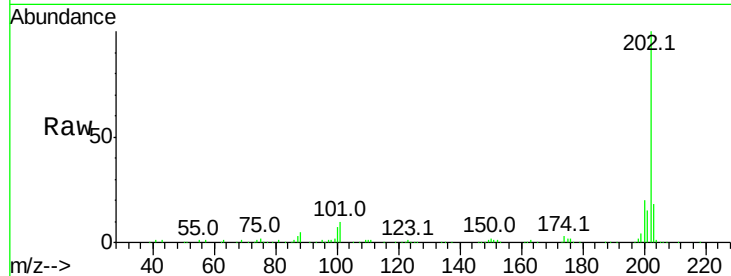
#74
Fluoranthene
Concen: 20.608 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF107236.D
Acq: 9 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-18RE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	0.0	34.1
203	17.8	0.0	38.1

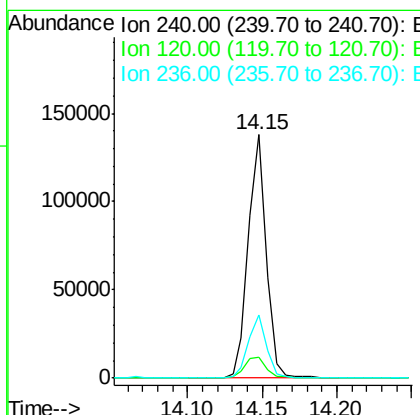
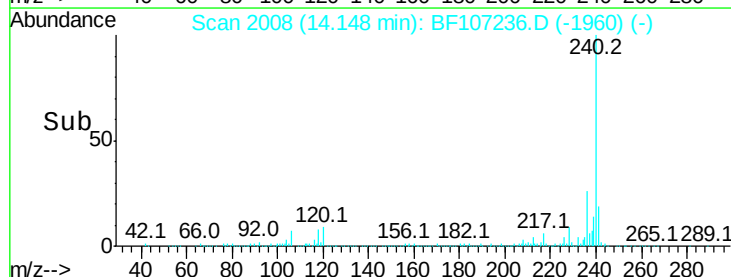
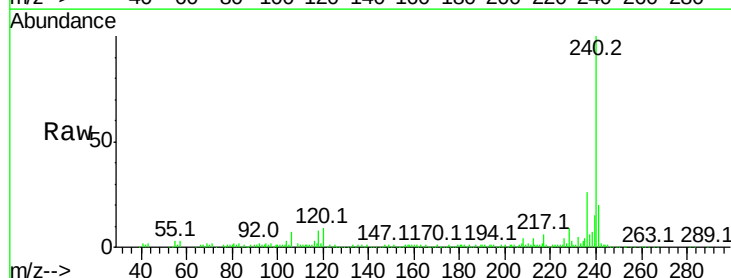
Manual Integrations
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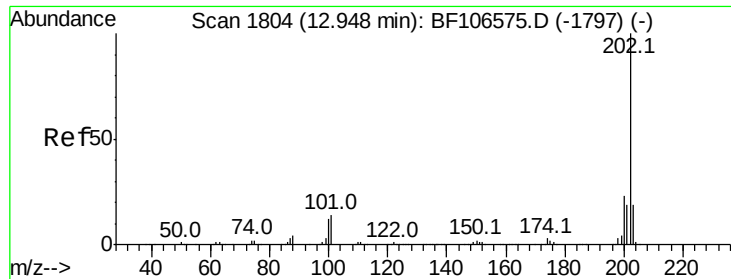
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107236.D
Acq: 9 Jul 2018 18:35

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	25.8	20.7	31.1





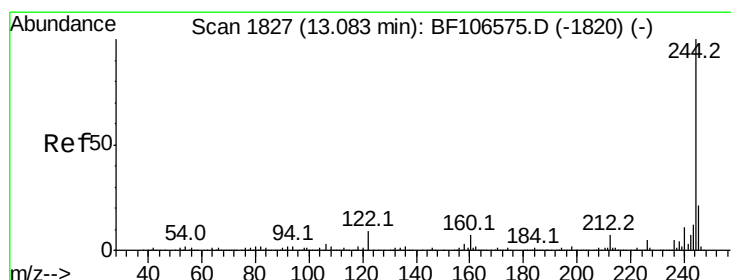
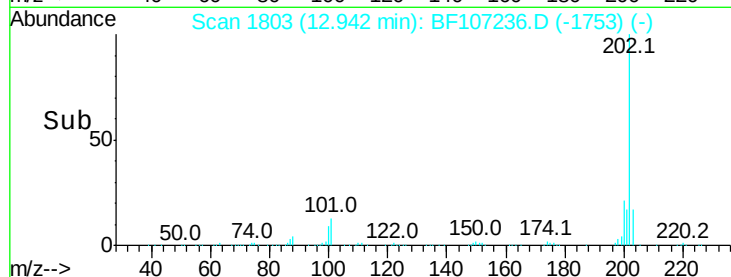
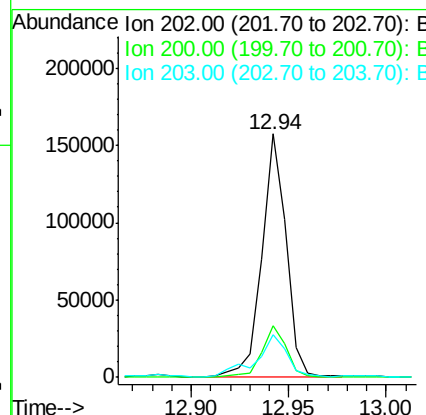
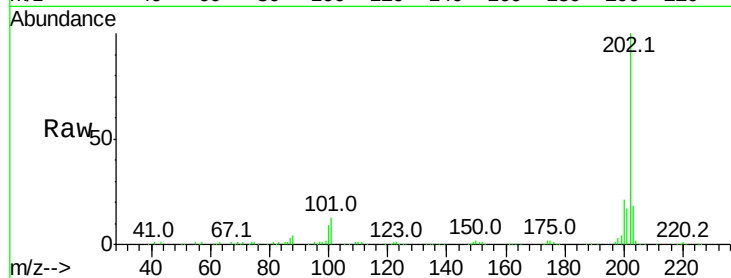
#77
Pvrene
Concen: 17.874 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF107236.D
Acq: 9 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-18RE

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.8	14.3	21.5

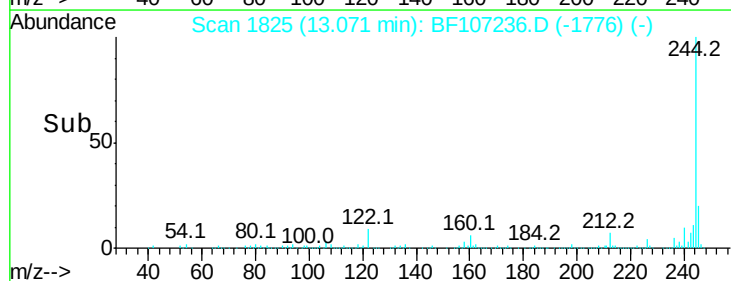
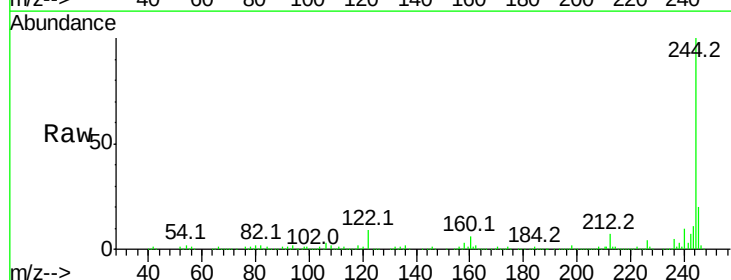
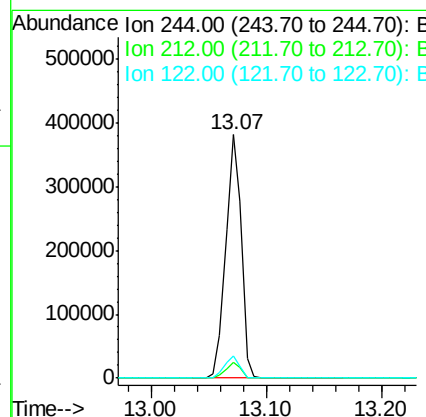
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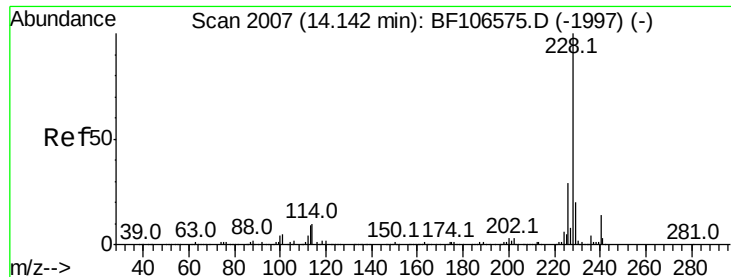
Sohil
7/10/2018 2:46:40 PM



#78
Terphenyl-d14
Concen: 74.359 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107236.D
Acq: 9 Jul 2018 18:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	8.9	11.0	16.4#





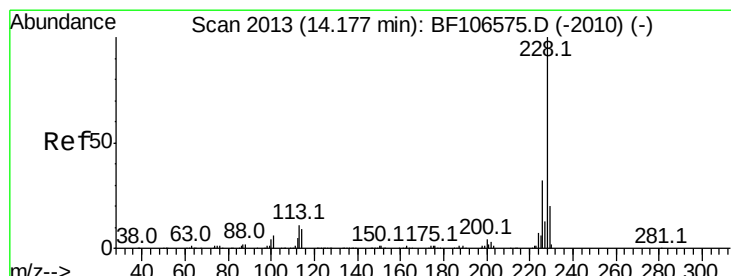
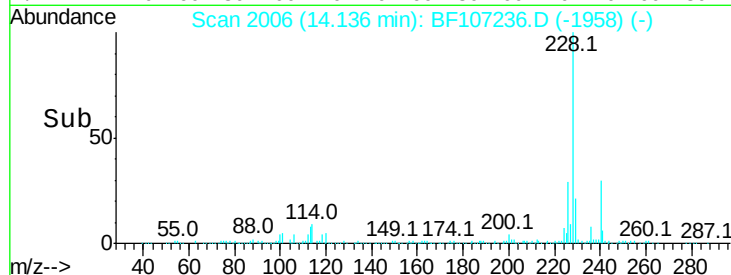
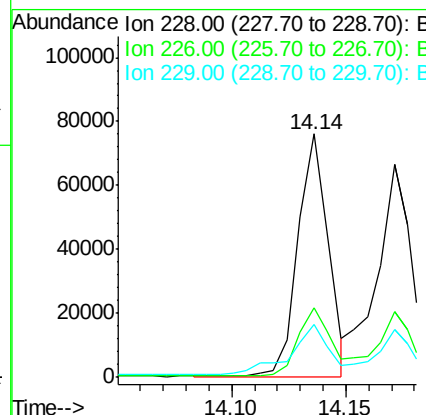
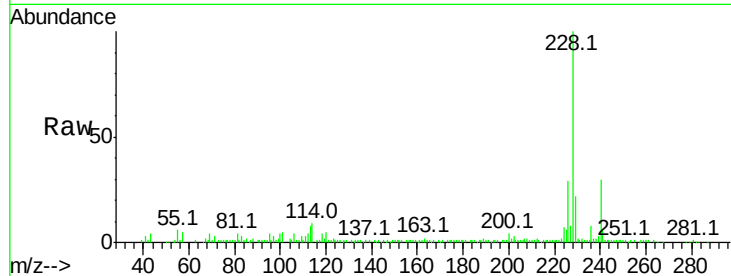
#80
Benzo(a)anthracene
Concen: 9.957 ng m
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107236.D
Acq: 9 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-18RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	21.6	15.8	23.6

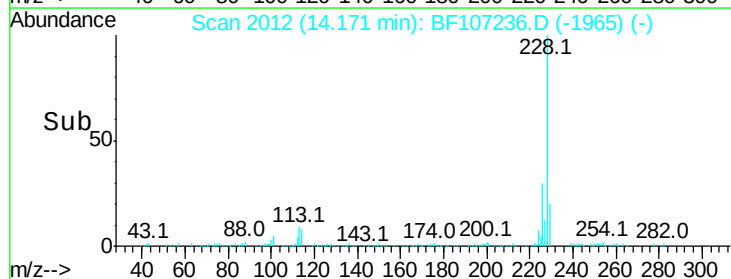
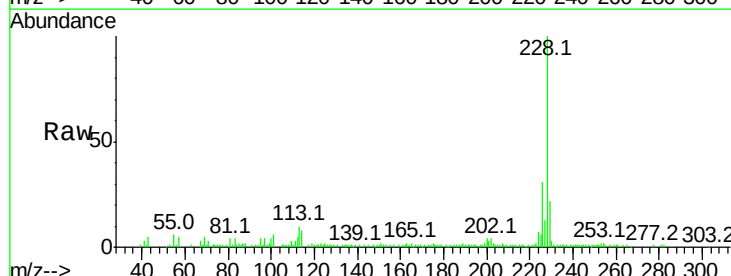
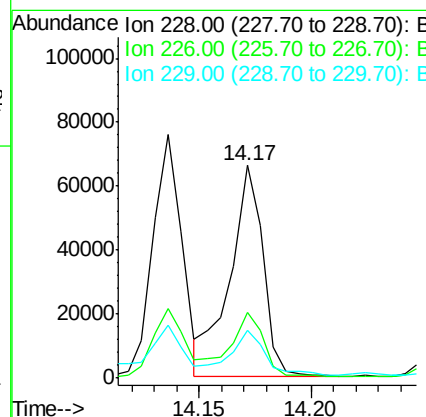
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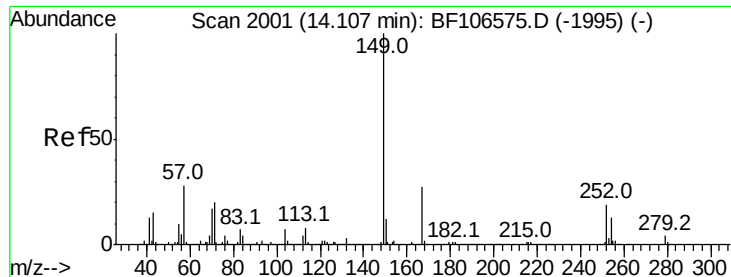
Sohil
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#82
Chrysene
Concen: 10.603 ng m
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF107236.D
Acq: 9 Jul 2018 18:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	22.2	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.765 ng

RT: 14.08 min Scan# 1997

Delta R.T. -0.03 min

Lab File: BF107236.D

Acq: 9 Jul 2018 18:35

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-18RE

Tot Ion:149 Resp: 11085

Ion Ratio Lower Upper

149 100

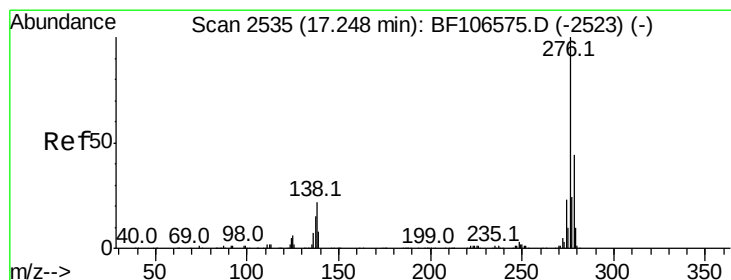
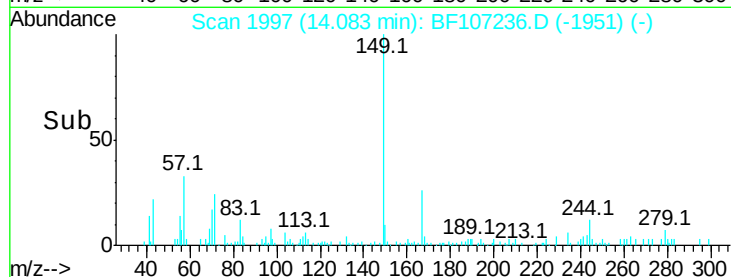
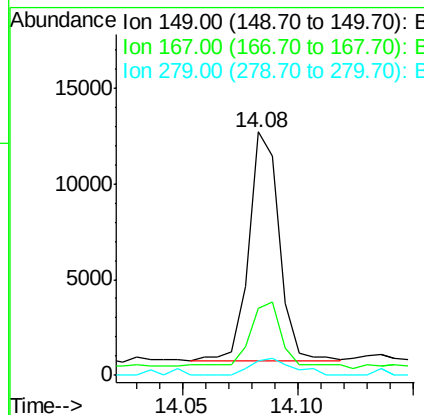
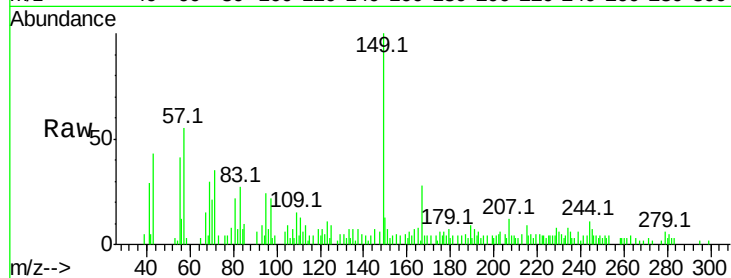
167 27.6 21.3 31.9

279 6.1 3.0 4.4#

Manual Integrations
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7/10/2018 2:46:40 PM



#85

Indeno(1,2,3-cd)pyrene

Concen: 5.560 ng m

RT: 17.29 min Scan# 2542

Delta R.T. -0.02 min

Lab File: BF107236.D

Acq: 9 Jul 2018 18:35

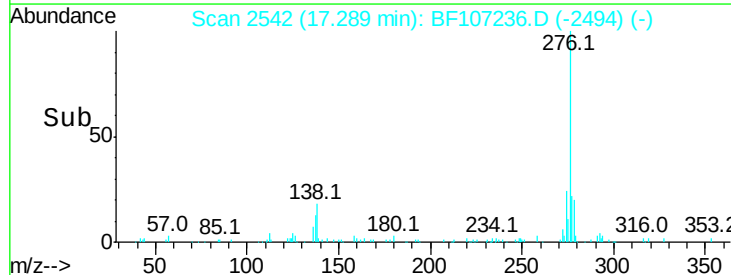
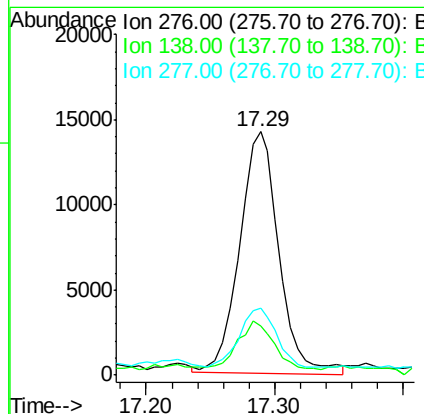
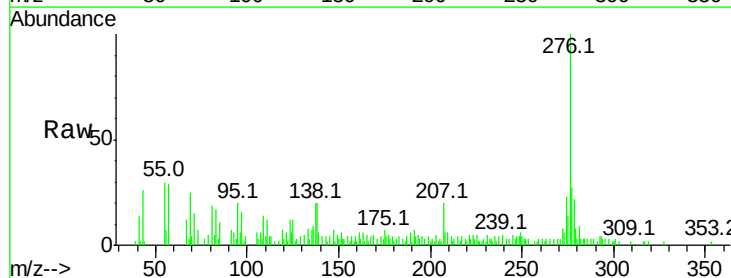
Tgt Ion:276 Resp: 30603

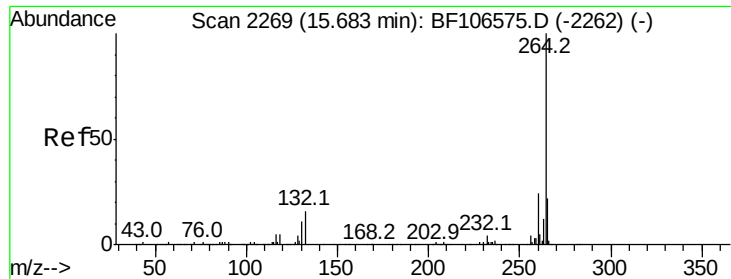
Ion Ratio Lower Upper

276 100

138 3.6 25.0 37.6#

277 3.3 20.1 30.1#





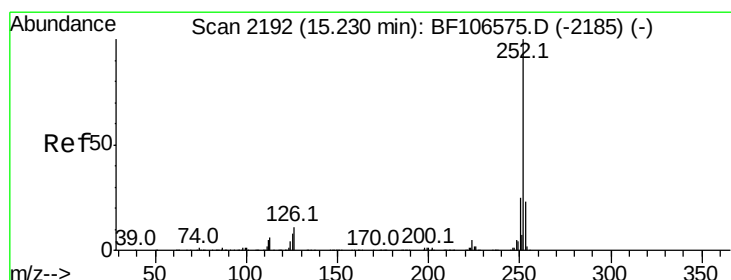
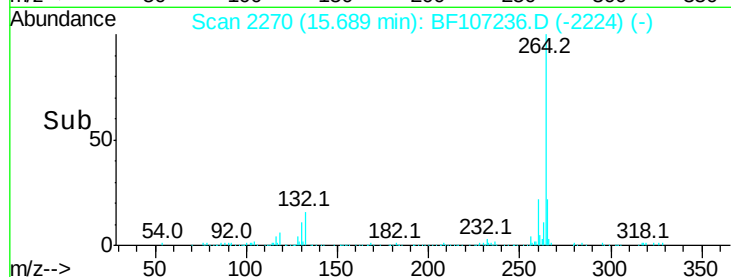
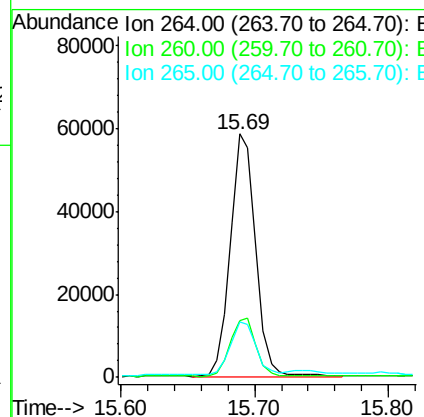
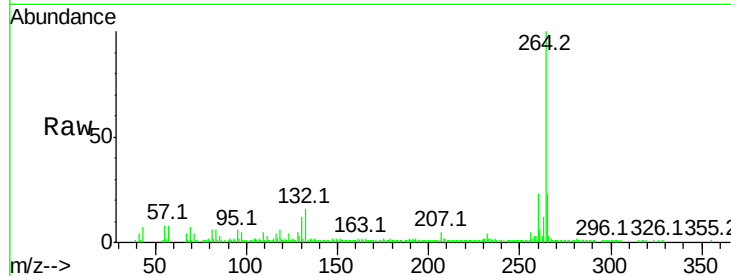
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF107236.D
Acq: 9 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-18RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	23.0	17.5	26.3

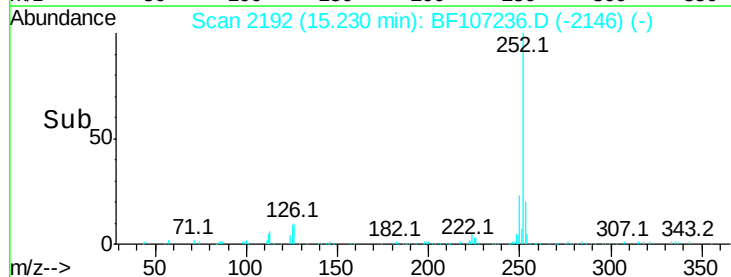
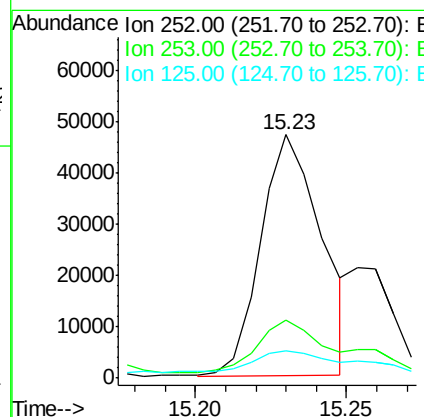
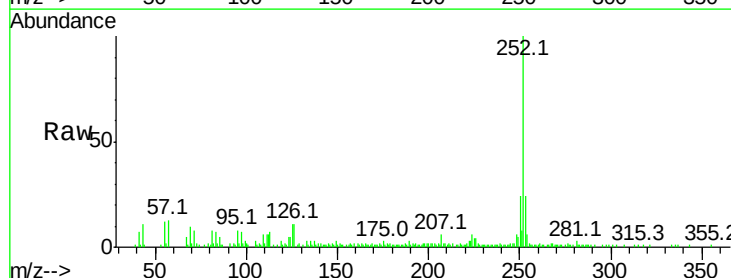
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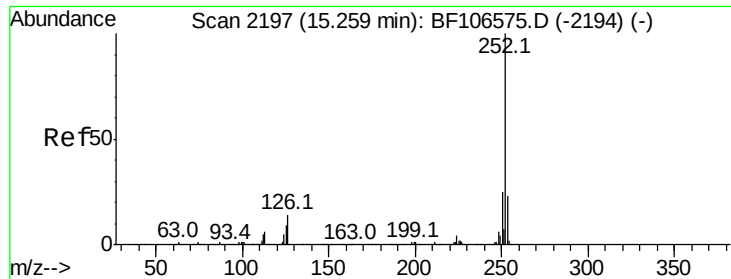
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#87
Benzo(b)fluoranthene
Concen: 13.406 ng m
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107236.D
Acq: 9 Jul 2018 18:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.6
125	11.2	9.0	13.6





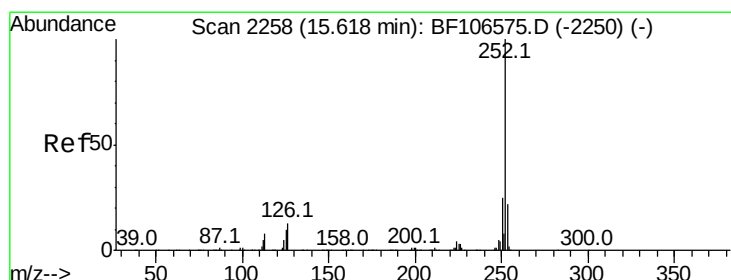
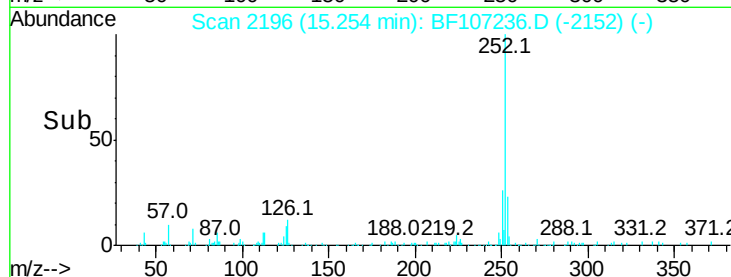
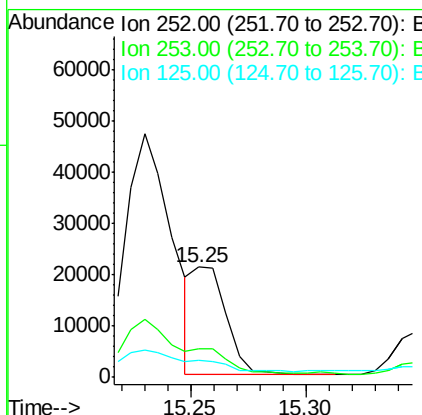
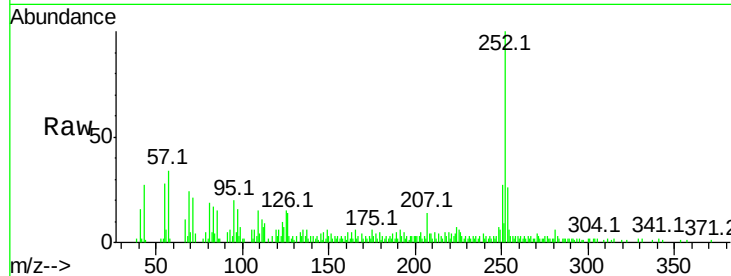
#88
Benzo(k)fluoranthene
Concen: 4.478 ng m
RT: 15.25 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF107236.D
Acq: 9 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-18RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.9	26.9
125	15.1	10.2	15.2

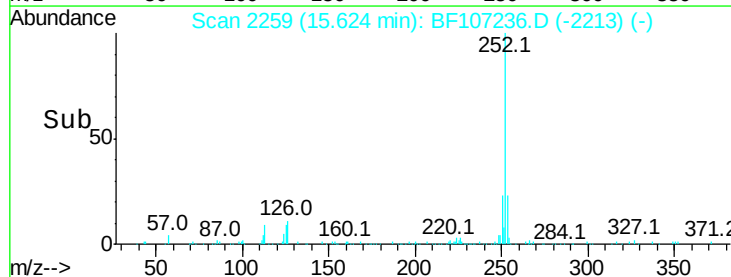
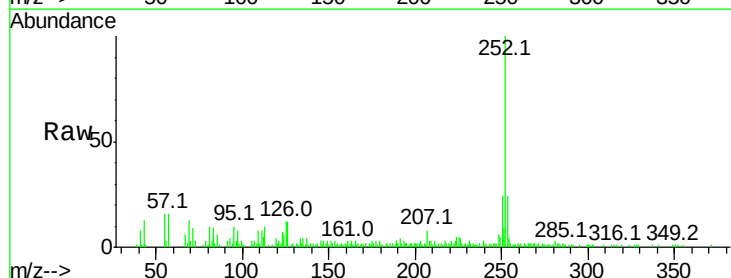
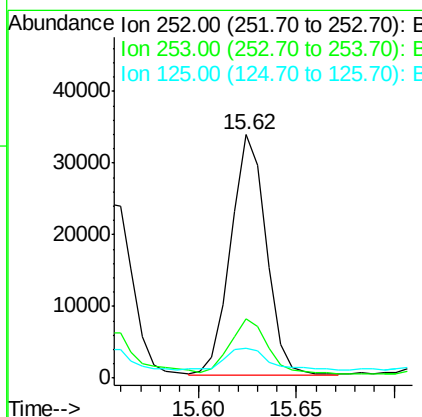
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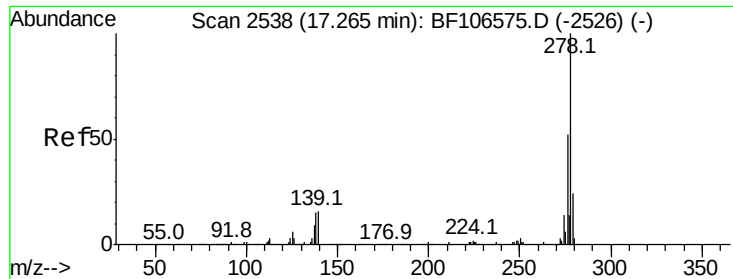
Sohil
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#89
Benzo(a)pyrene
Concen: 9.563 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.03 min
Lab File: BF107236.D
Acq: 9 Jul 2018 18:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	12.0	9.8	14.6





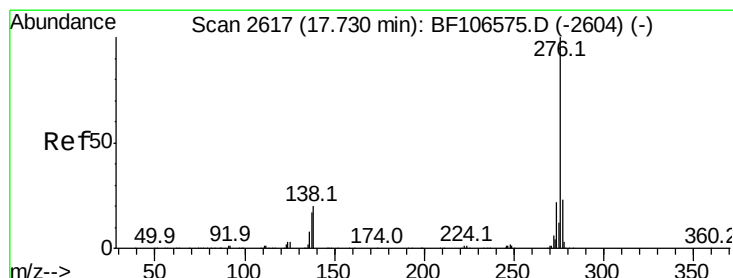
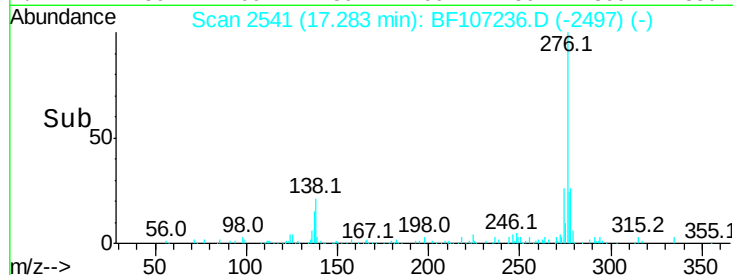
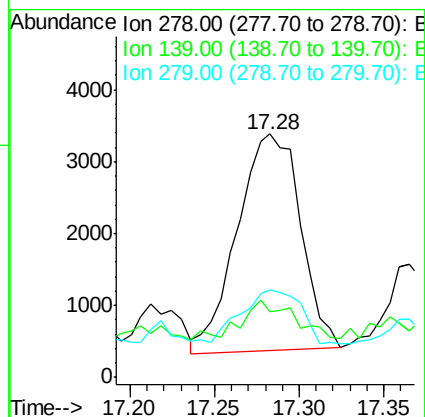
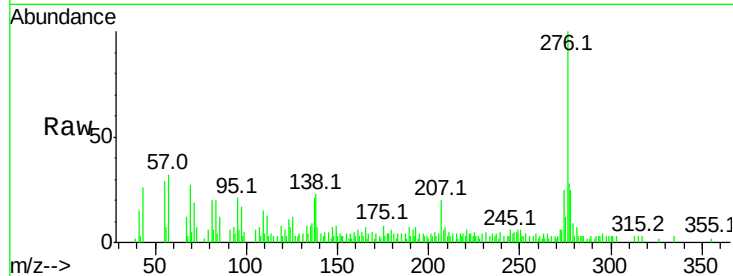
#90
Dibenzo(a,h)anthracene
Concen: 2.088 ng
RT: 17.28 min Scan# 2541
Delta R.T. -0.04 min
Lab File: BF107236.D
Acq: 9 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-18RE

Tot Ion	Ratio	Lower	Upper
278	100		
139	26.7	15.9	23.9#
279	36.0	19.0	28.4#

Manual Integrations
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7/10/2018 2:46:40 PM



#91
Benzo(g,h,i)perylene
Concen: 7.719 ng
RT: 17.78 min Scan# 2626
Delta R.T. -0.01 min
Lab File: BF107236.D
Acq: 9 Jul 2018 18:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.7	17.9	26.9#
138	25.8	21.8	32.8

