

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
 Data File : BF107266.D
 Acq On : 10 Jul 2018 12:21
 Operator : JU/SJ
 Sample : J3879-11RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-6RE

Manual Integrations
 APPROVED

Sohil
 7/11/2018 11:22:27 AM

Quant Time: Jul 11 08:18:31 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	36282	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	127339	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	54625	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	100189	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	110830	20.00	ng	-0.03
86) Perylene-d12	15.68	264	93795	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	230490	107.57	ng	0.00
7) Phenol-d6	6.61	99	278938	104.25	ng	0.00
23) Nitrobenzene-d5	7.51	82	159488	69.60	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	61310	96.84	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	282333	88.01	ng	-0.03
78) Terphenyl-d14	13.06	244	313249	68.46	ng	-0.02
Target Compounds						
31) Naphthalene	8.24	128	12964	2.178	ng	Qvalue 100
49) Dimethylphthalate	9.69	163	69434	16.948	ng	# 97
70) Phenanthrene	11.50	178	59188	12.248	ng	97
71) Anthracene	11.55	178	18600	3.771	ng	99
74) Fluoranthene	12.70	202	145053	27.234	ng	94
77) Pyrene	12.93	202	140716	19.254	ng	99
80) Benzo(a)anthracene	14.12	228	96379	14.268	ng	98
82) Chrysene	14.16	228	85463	13.753	ng	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	37011	7.018	ng	# 88
87) Benzo(b)fluoranthene	15.22	252	111054m	19.060	ng	
88) Benzo(k)fluoranthene	15.24	252	34401m	6.200	ng	
89) Benzo(a)pyrene	15.61	252	68249	13.176	ng	95
90) Dibenzo(a,h)anthracene	17.27	278	10957	2.496	ng	# 81
91) Benzo(g,h,i)perylene	17.75	276	35675	8.315	ng	# 90

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

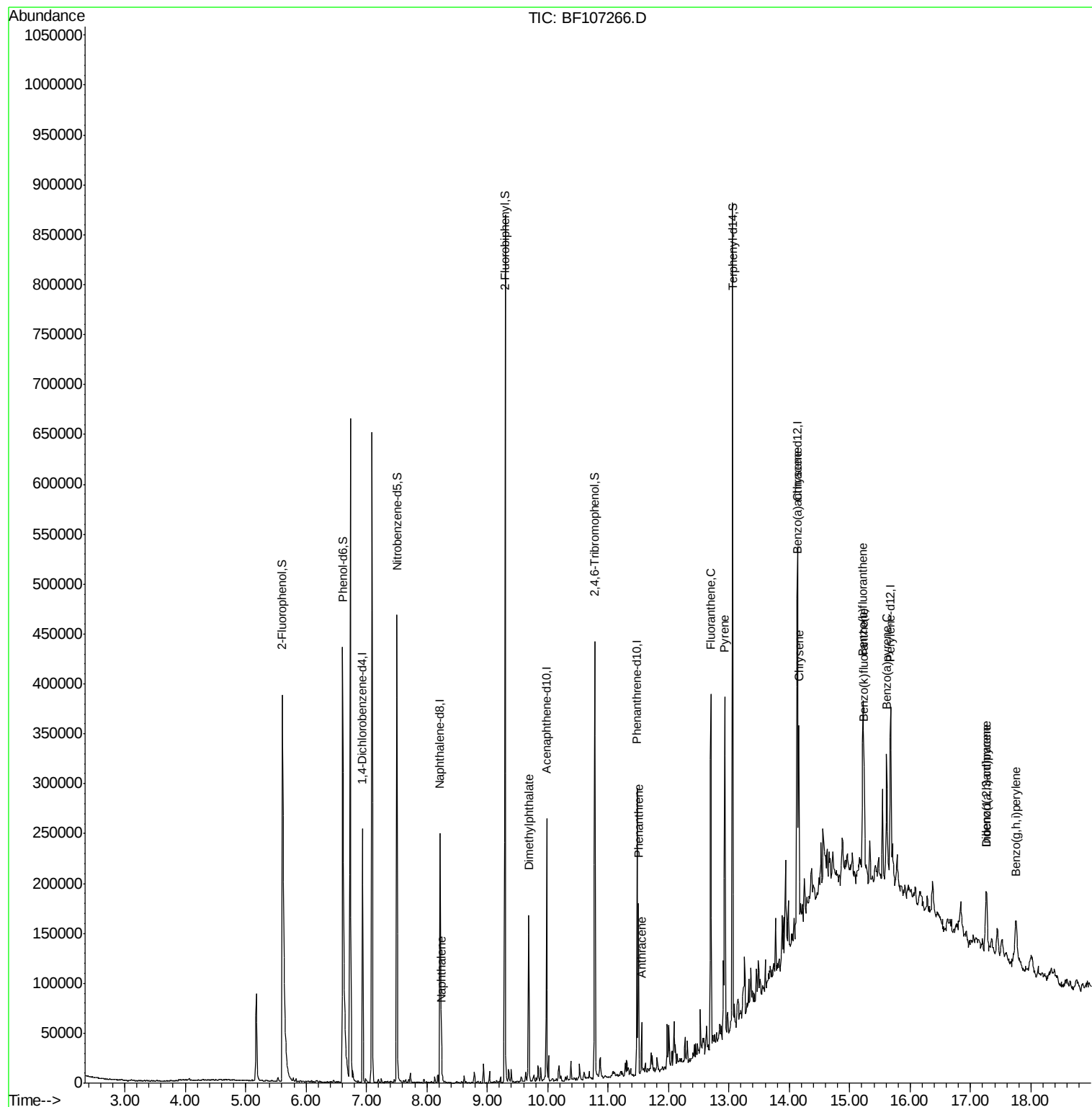
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
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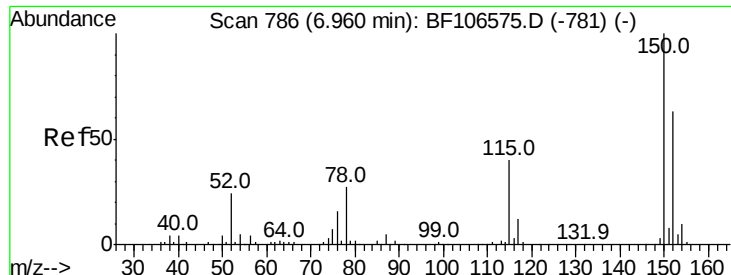
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

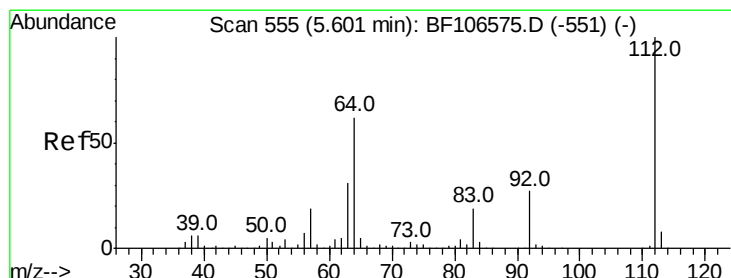
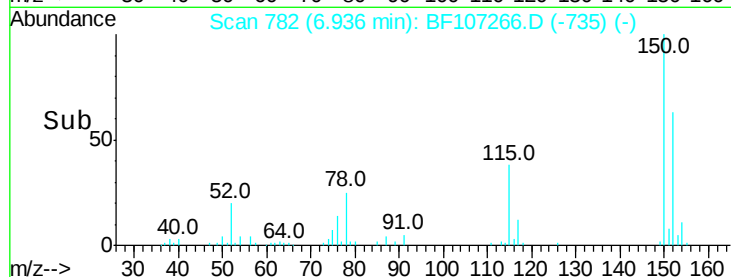
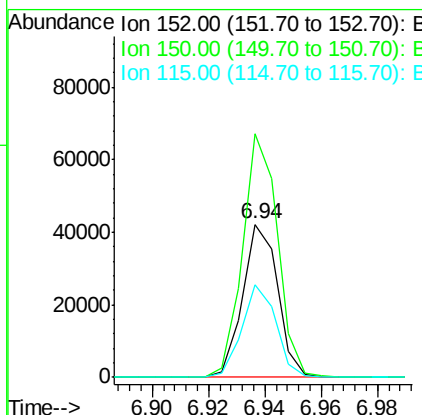
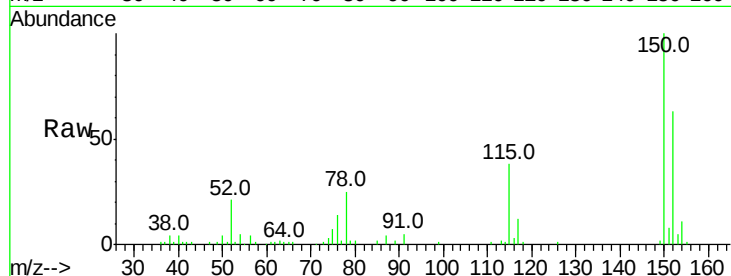
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF107266.D
Acq: 10 Jul 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-6RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	60.5	50.1	75.1

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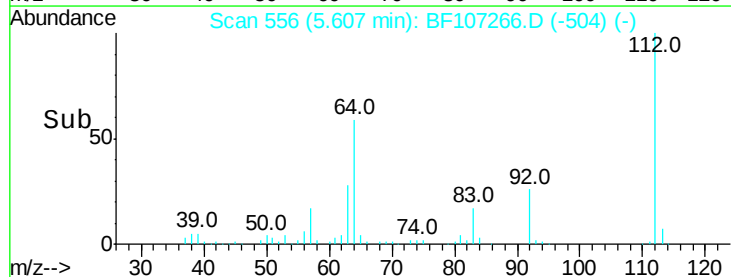
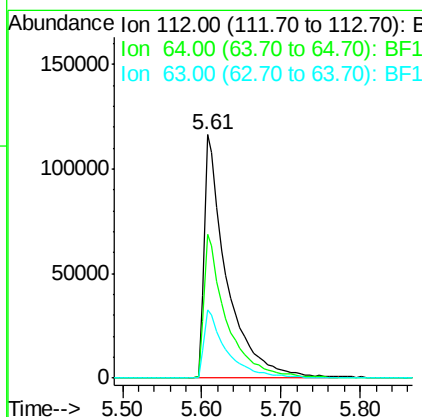
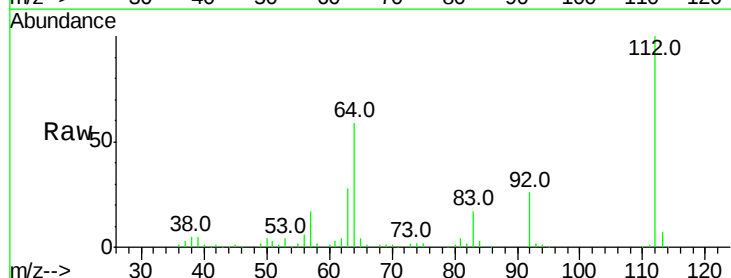
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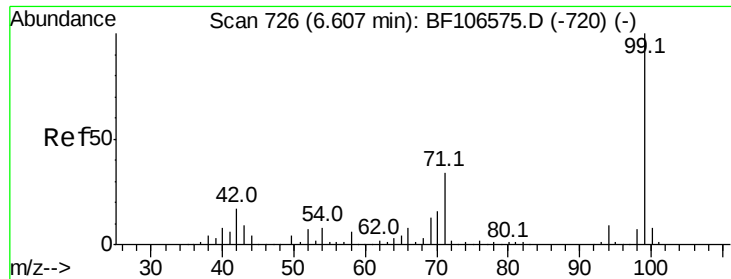


#5

2-Fluorophenol
Concen: 107.572 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF107266.D
Acq: 10 Jul 2018 12:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.9	71.9
63	27.8	23.7	35.5





#7

Phenol-d6

Concen: 104.246 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107266.D

Acq: 10 Jul 2018 12:21

Instrument :

BNA_F

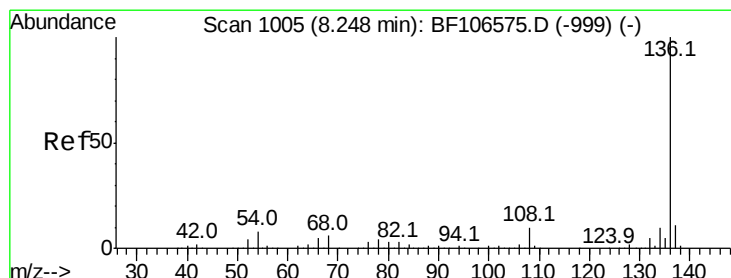
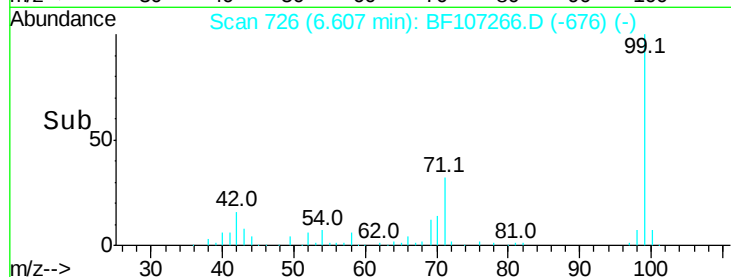
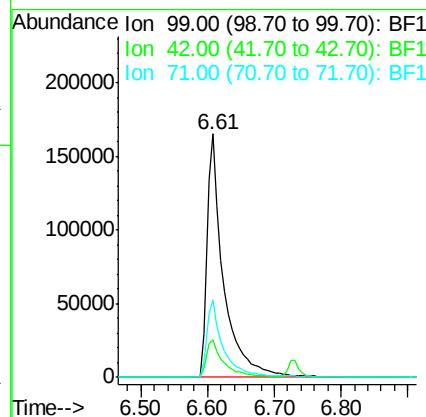
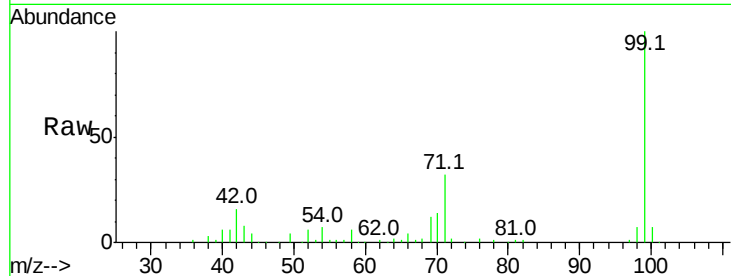
ClientSampleId :

SURCHARGE-SP-6RE

Tot Ion:	99	Resp:	278938
Ion Ratio	Lower	Upper	
99	100		
42	15.6	14.5	21.7
71	31.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

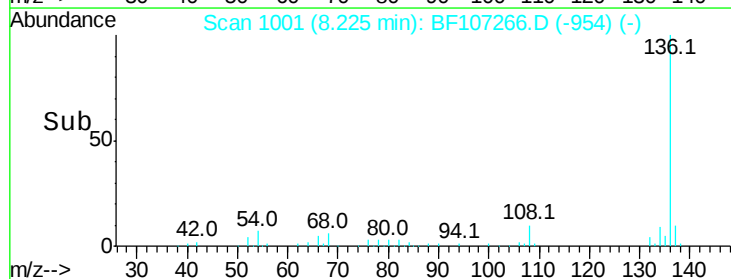
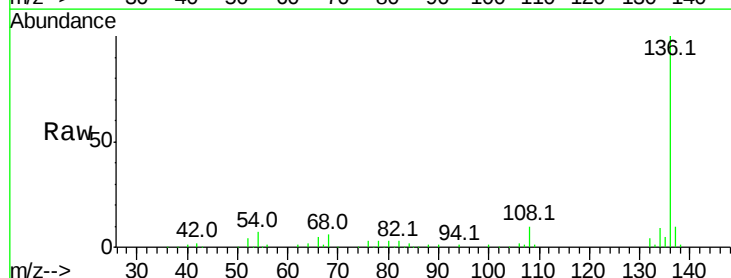
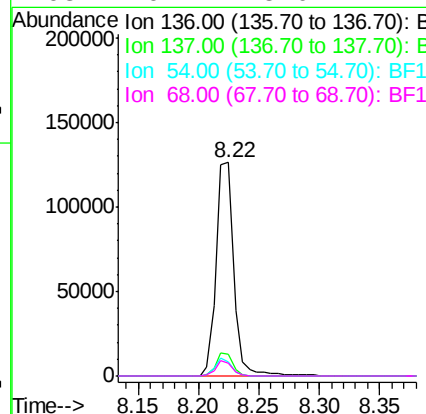
RT: 8.22 min Scan# 1001

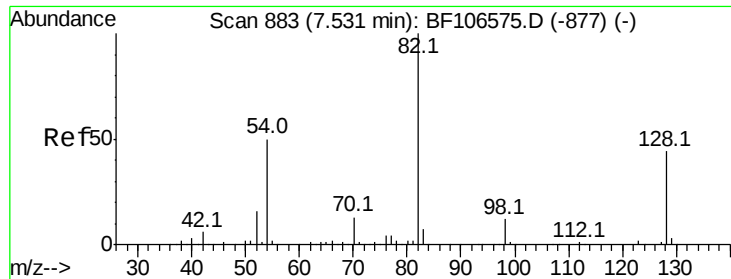
Delta R.T. -0.02 min

Lab File: BF107266.D

Acq: 10 Jul 2018 12:21

Tgt Ion:	136	Resp:	127339
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.9	13.3
54	6.9	6.6	9.8
68	6.1	5.0	7.4





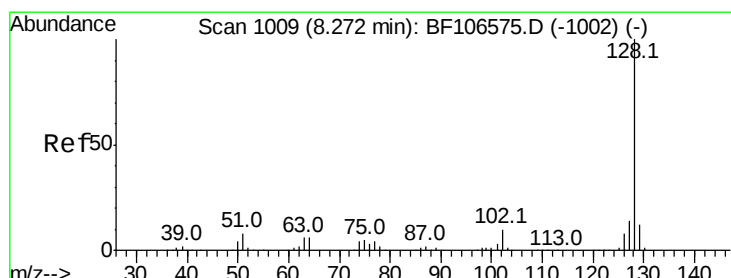
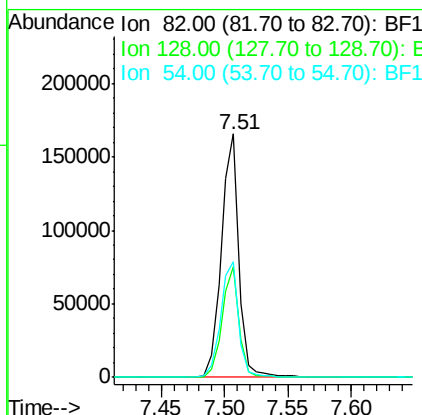
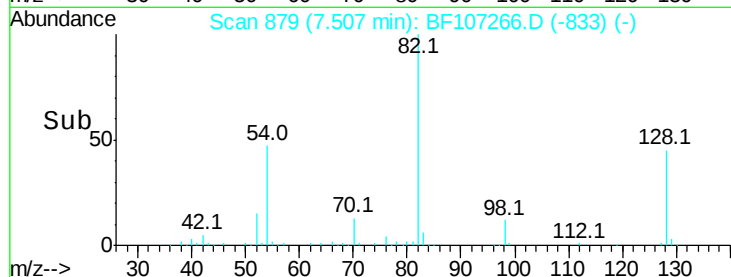
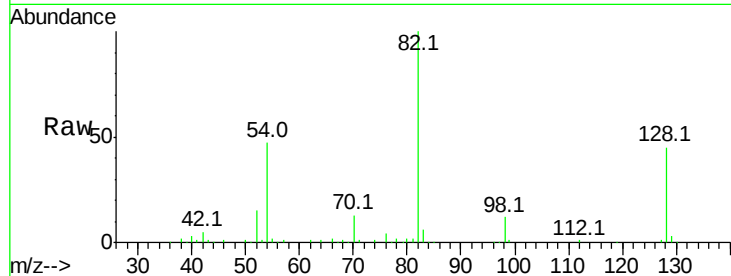
#23
Nitrobenzene-d5
Concen: 69.604 ng
RT: 7.51 min Scan# 879
Delta R.T. -0.03 min
Lab File: BF107266.D
Acq: 10 Jul 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-6RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	47.4	41.4	62.2

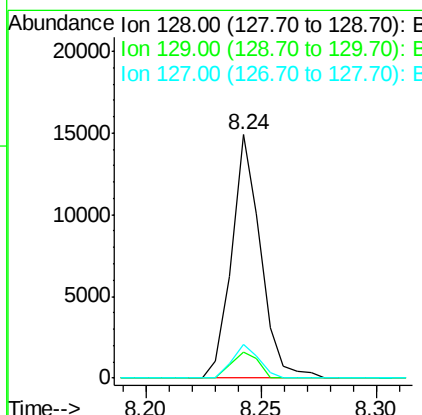
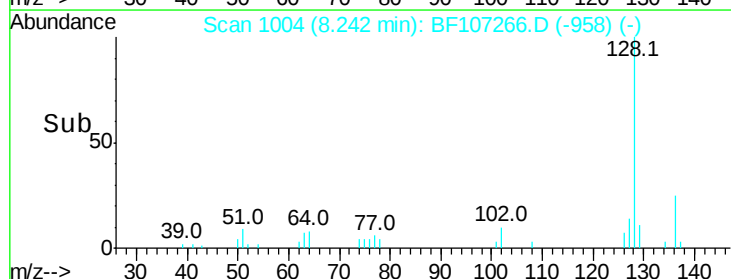
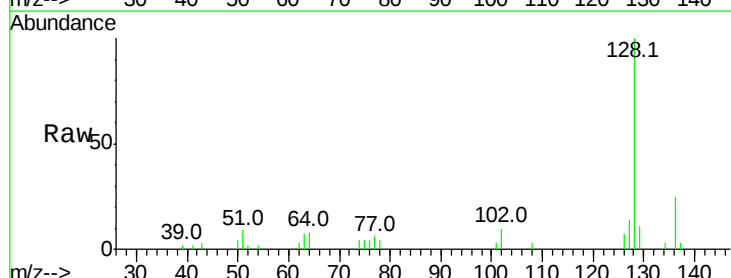
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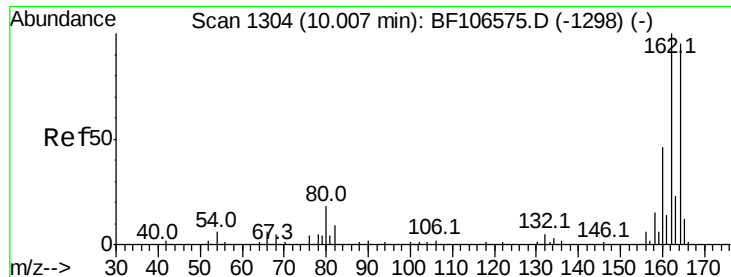
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#31
Naphthalene
Concen: 2.178 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.03 min
Lab File: BF107266.D
Acq: 10 Jul 2018 12:21

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.7	10.9	16.3





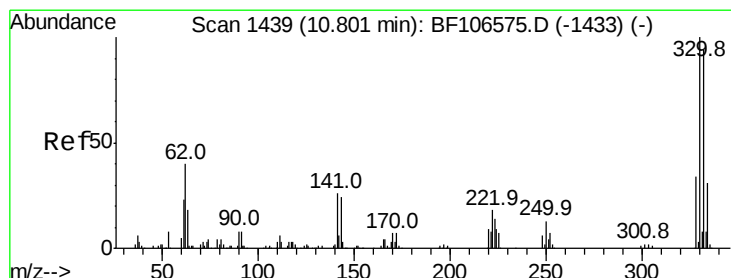
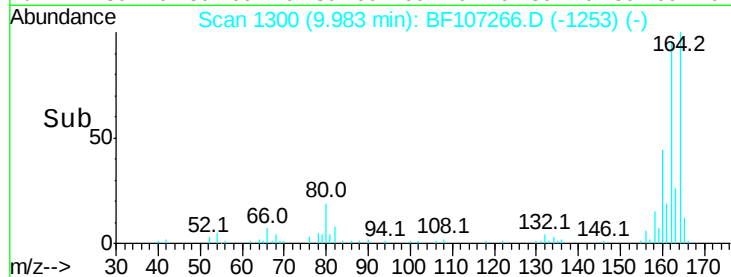
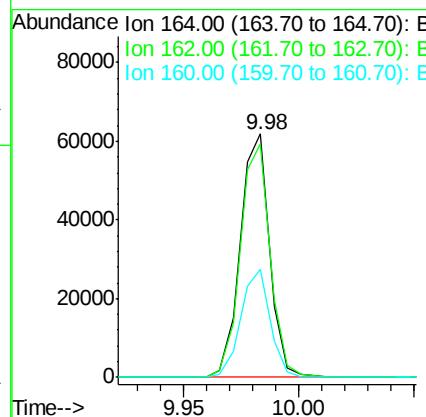
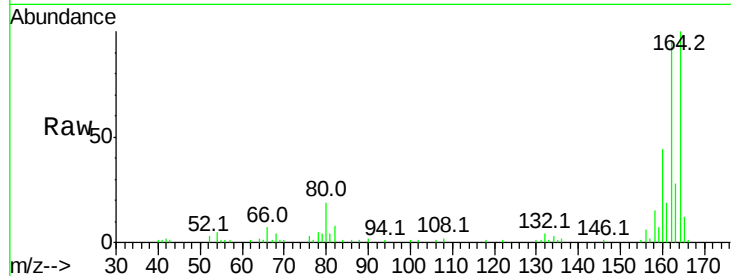
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF107266.D
 Acq: 10 Jul 2018 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-6RE

Tot Ion	Ratio	Lower	Upper
164	100		
162	95.9	86.1	129.1
160	44.1	38.3	57.5

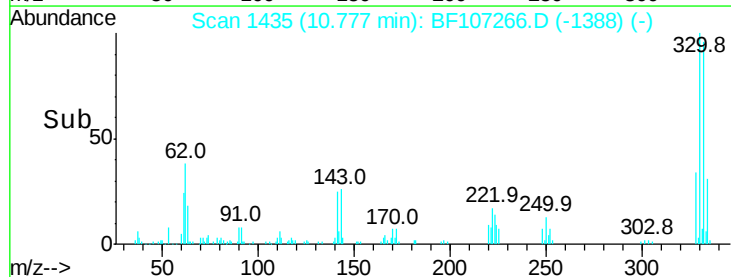
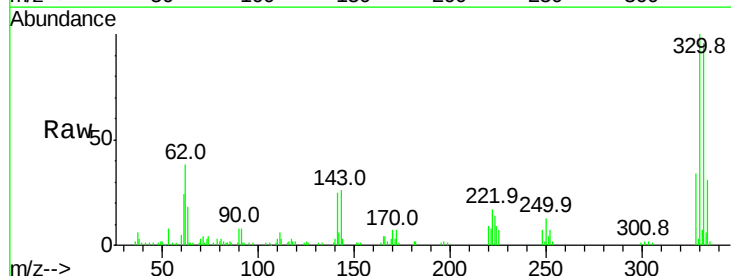
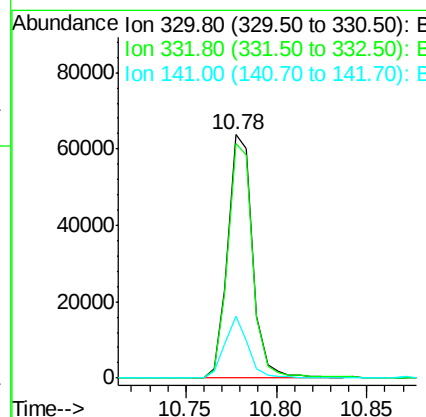
Manual Integrations
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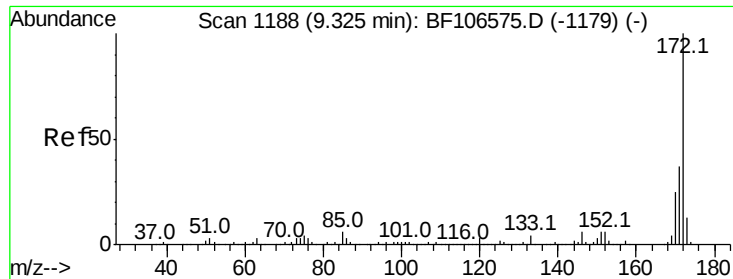
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#41
 2,4,6-Tribromophenol
 Concen: 96.838 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF107266.D
 Acq: 10 Jul 2018 12:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	23.4	29.9	44.9#





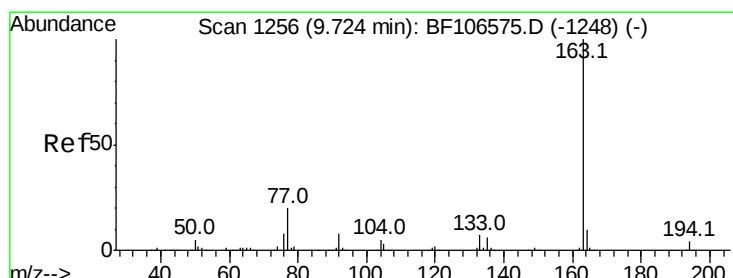
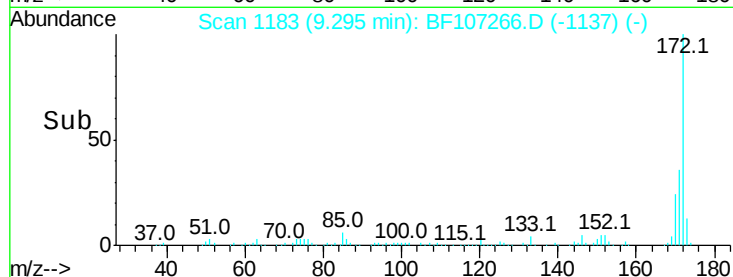
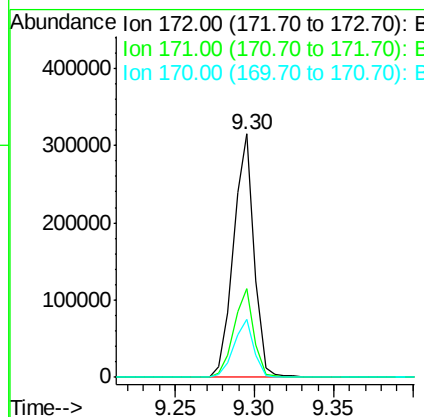
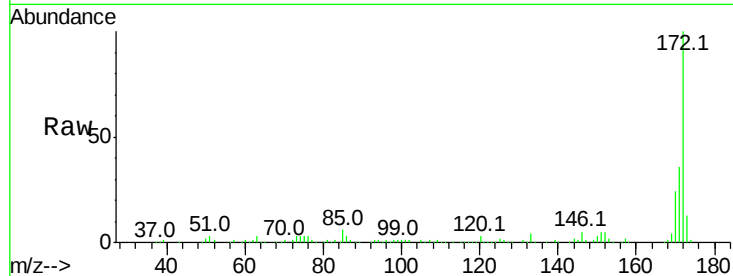
#44
2-Fluorobiphenyl
Concen: 88.006 ng
RT: 9.30 min Scan# 1183
Delta R.T. -0.03 min
Lab File: BF107266.D
Acq: 10 Jul 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-6RE

Tot Ion	Ratio	Resp	Lower	Upper
172	100	282333		
171	36.3		29.7	44.5
170	24.0		19.6	29.4

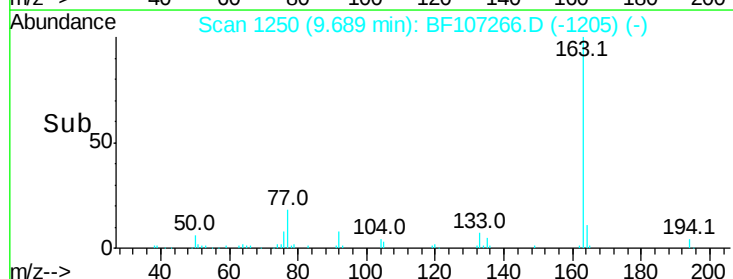
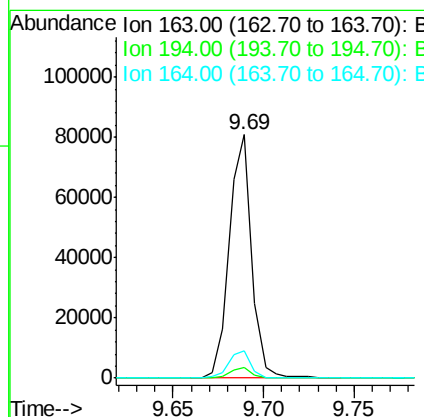
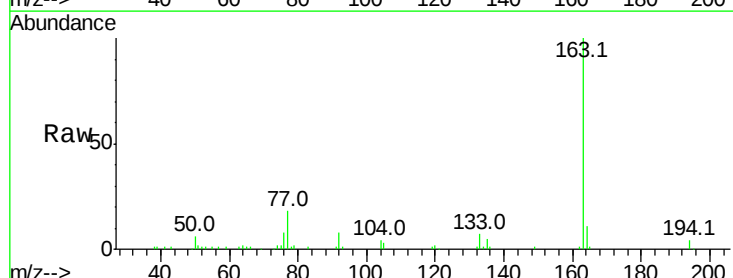
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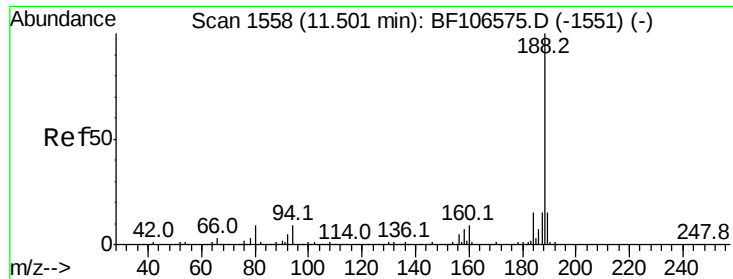
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#49
Dimethylphthalate
Concen: 16.948 ng
RT: 9.69 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF107266.D
Acq: 10 Jul 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	69434		
194	4.1		2.7	4.1#
164	11.3		8.2	12.2





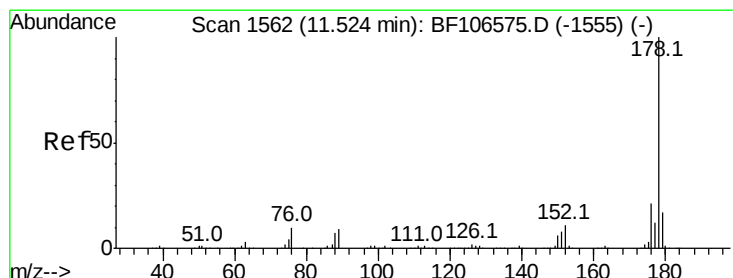
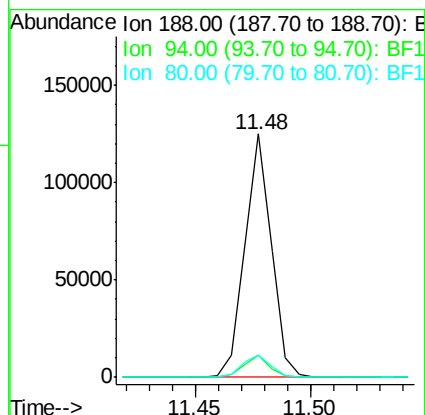
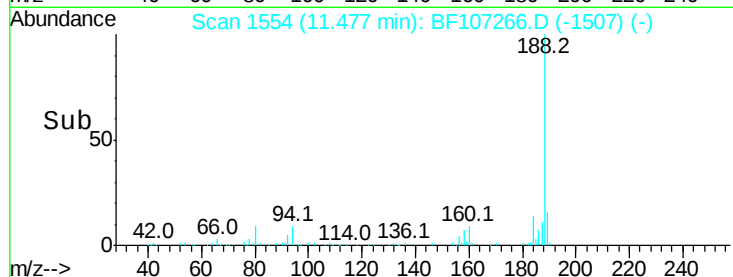
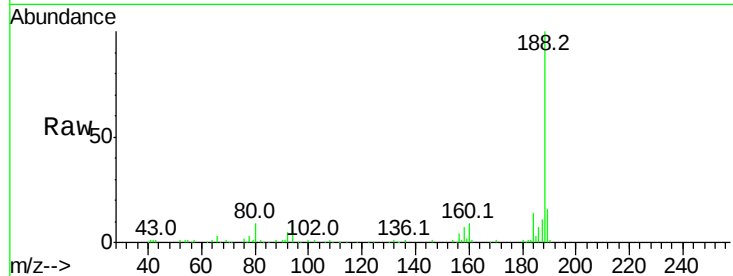
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF107266.D
Acq: 10 Jul 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-6RE

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.0	9.2	13.8#

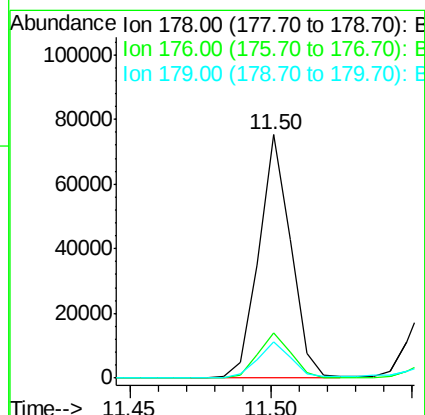
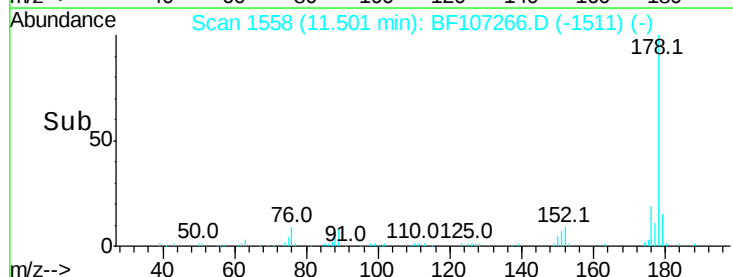
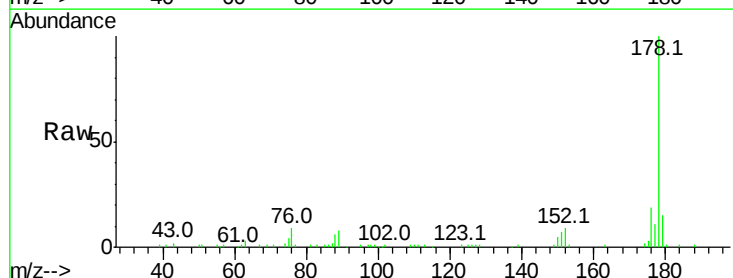
Manual Integrations
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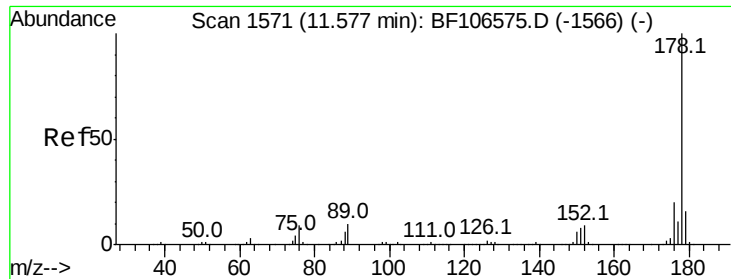
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#70
Phenanthrene
Concen: 12.248 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.02 min
Lab File: BF107266.D
Acq: 10 Jul 2018 12:21

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.7	15.8	23.8
179	14.7	13.0	19.6





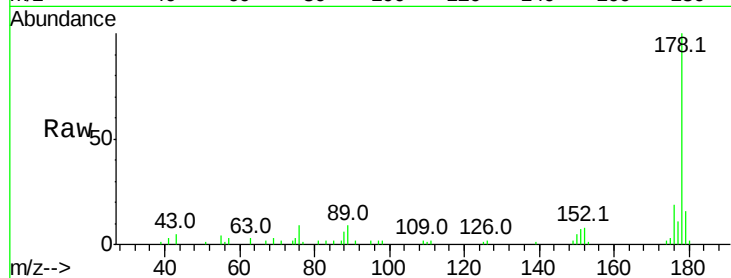
#71
 Anthracene
 Concen: 3.771 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.02 min
 Lab File: BF107266.D
 Acq: 10 Jul 2018 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-6RE

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	16.1	12.6	19.0

Manual Integrations
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Abundance

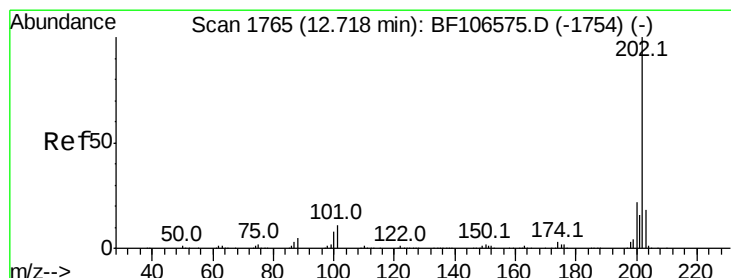
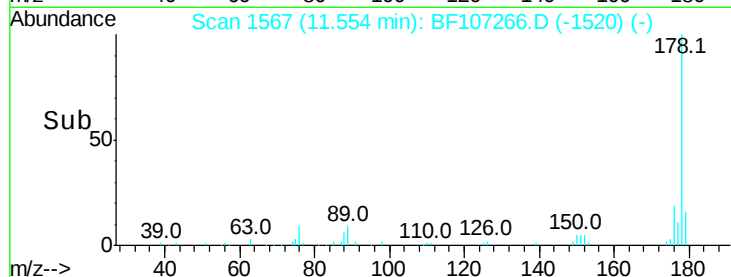
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

11.55

Time-->



#74
 Fluoranthene
 Concen: 27.234 ng
 RT: 12.70 min Scan# 1762
 Delta R.T. -0.02 min
 Lab File: BF107266.D
 Acq: 10 Jul 2018 12:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	34.1
203	16.8	0.0	38.1

Abundance

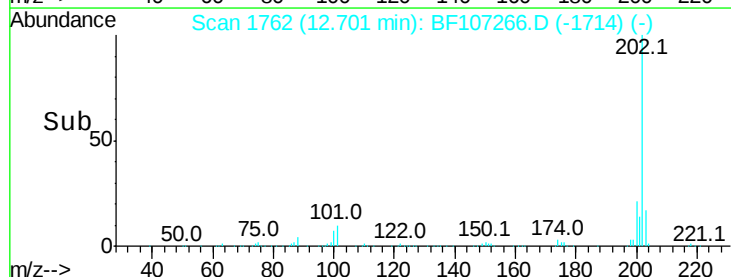
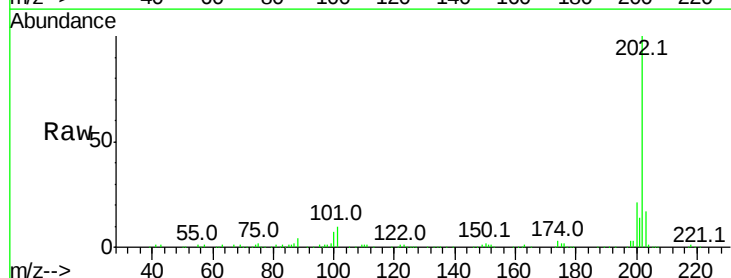
Ion 202.00 (201.70 to 202.70): E

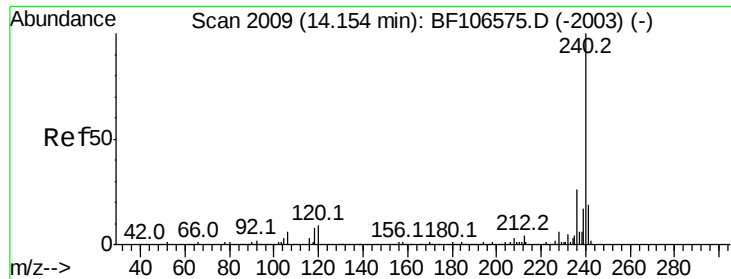
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.70

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107266.D

Acq: 10 Jul 2018 12:21

Instrument :

BNA_F

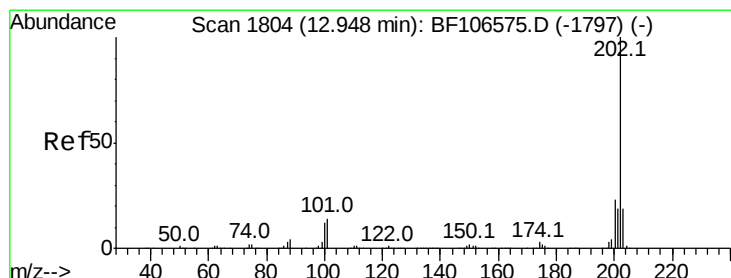
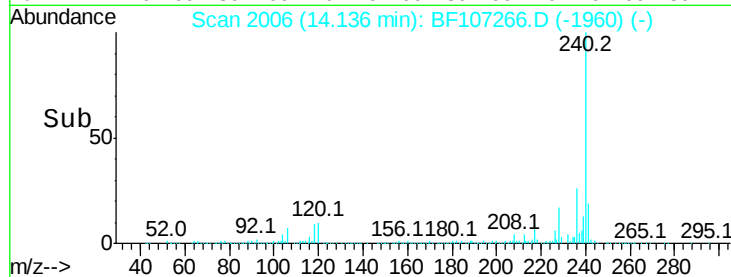
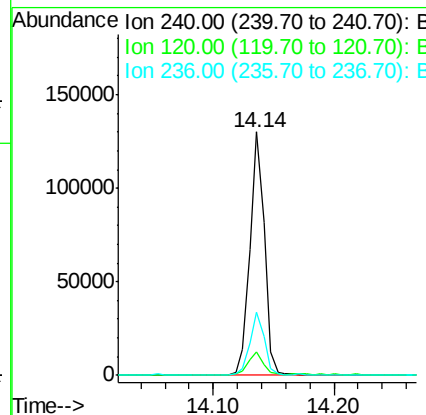
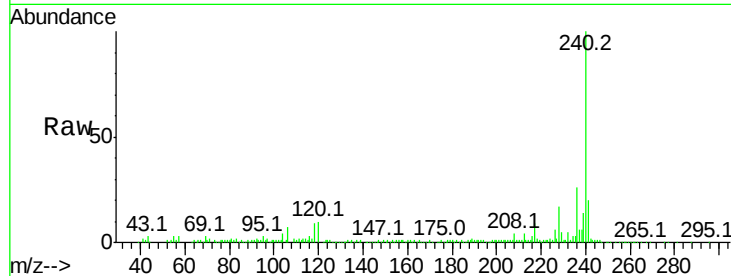
ClientSampleId :

SURCHARGE-SP-6RE

Tot Ion:	240	Resp:	110830
Ion Ratio	Lower	Upper	
240	100		
120	9.9	9.5	14.3
236	26.0	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 19.254 ng

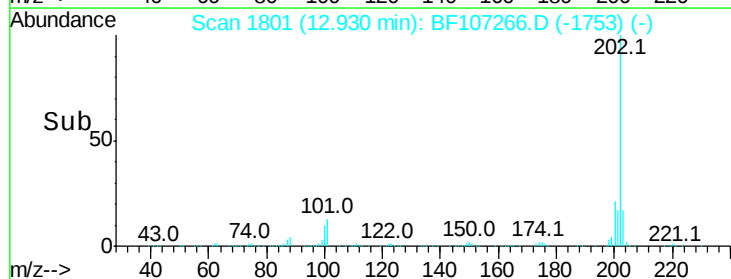
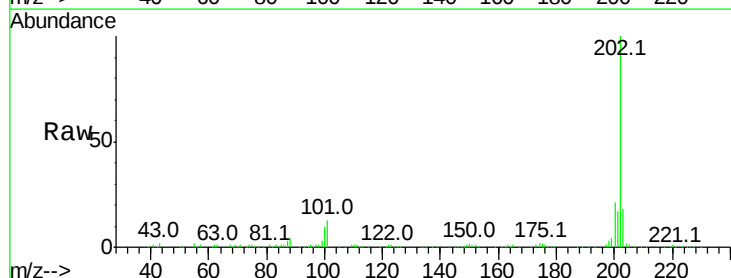
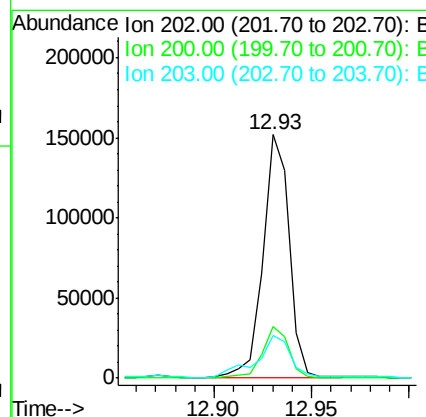
RT: 12.93 min Scan# 1801

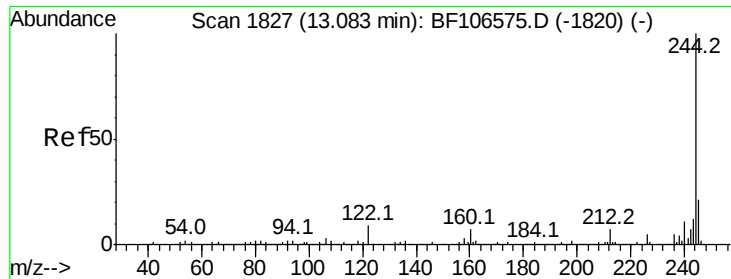
Delta R.T. -0.02 min

Lab File: BF107266.D

Acq: 10 Jul 2018 12:21

Tgt Ion:	202	Resp:	140716
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.4	26.2
203	17.7	14.3	21.5





#78

Terphenyl-d14

Concen: 68.464 ng

RT: 13.06 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BF107266.D

Acq: 10 Jul 2018 12:21

Instrument :

BNA_F

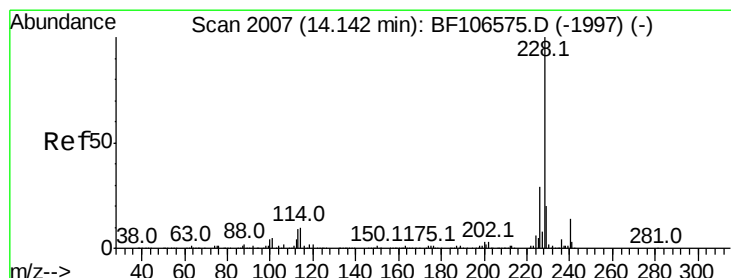
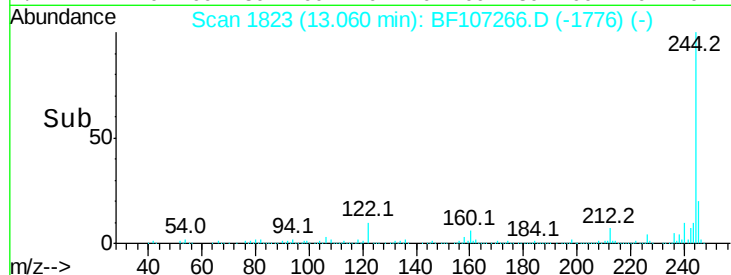
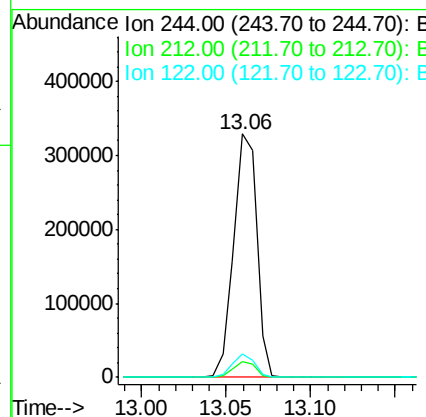
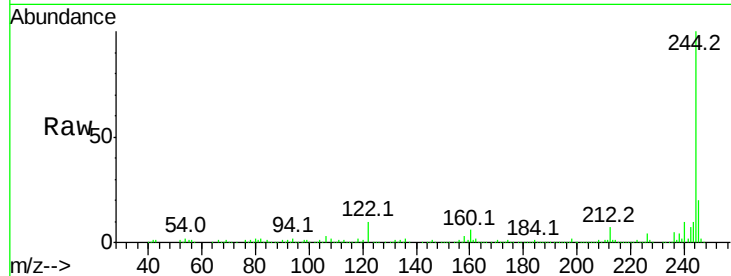
ClientSampleId :

SURCHARGE-SP-6RE

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.5	11.0	16.4#

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#80

Benzo(a)anthracene

Concen: 14.268 ng

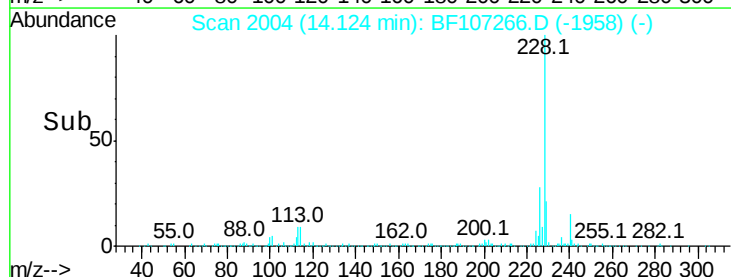
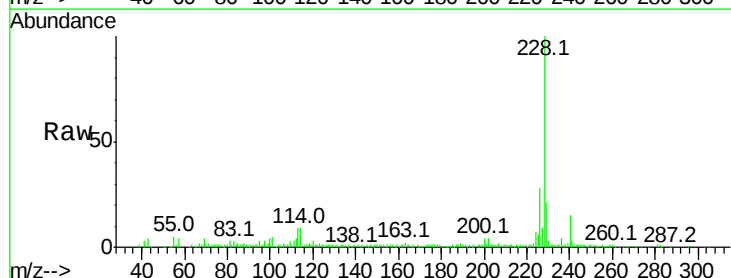
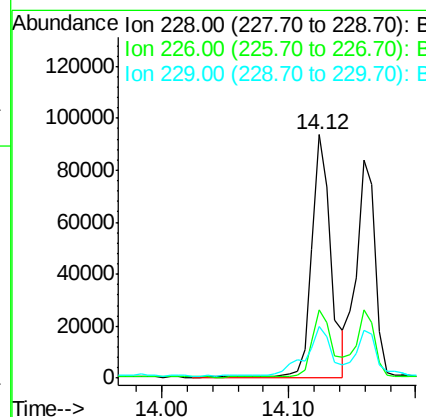
RT: 14.12 min Scan# 2004

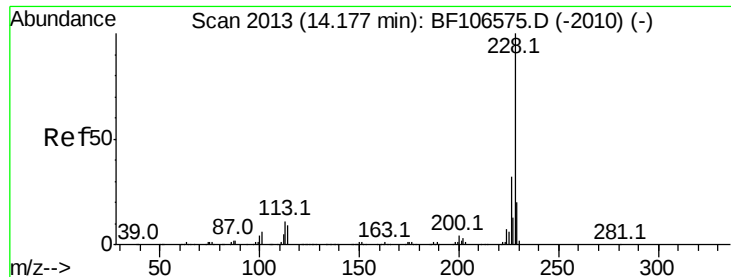
Delta R.T. -0.03 min

Lab File: BF107266.D

Acq: 10 Jul 2018 12:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	21.3	15.8	23.6





#82

Chrysene

Concen: 13.753 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.04 min

Lab File: BF107266.D

Acq: 10 Jul 2018 12:21

Instrument :

BNA_F

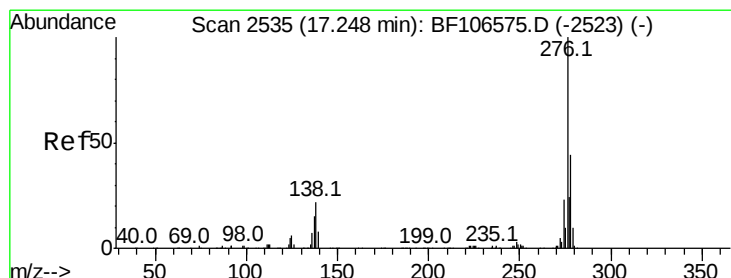
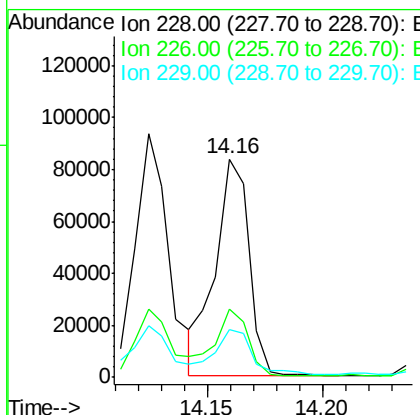
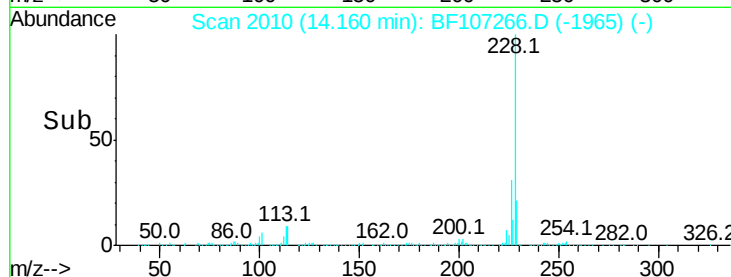
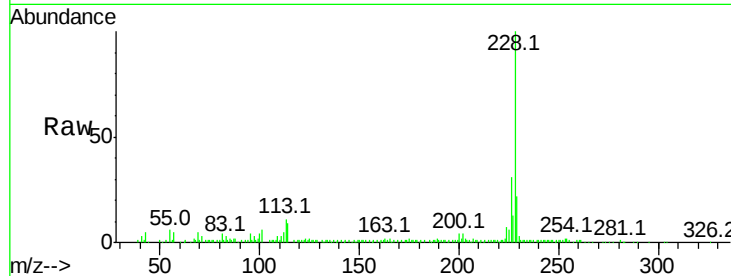
ClientSampleId :

SURCHARGE-SP-6RE

Tot Ion:	228	Resp:	85463
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.0	37.6
229	22.1	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 7.018 ng

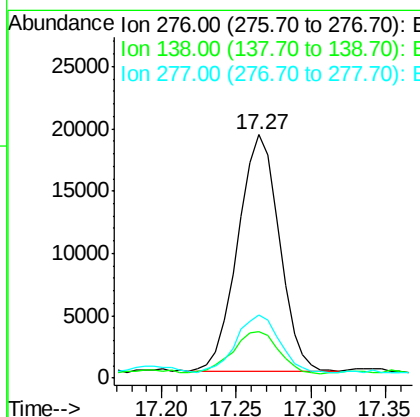
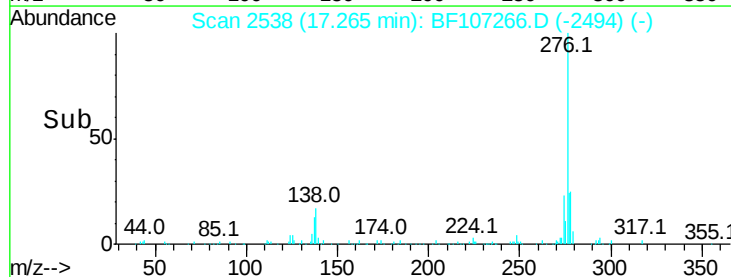
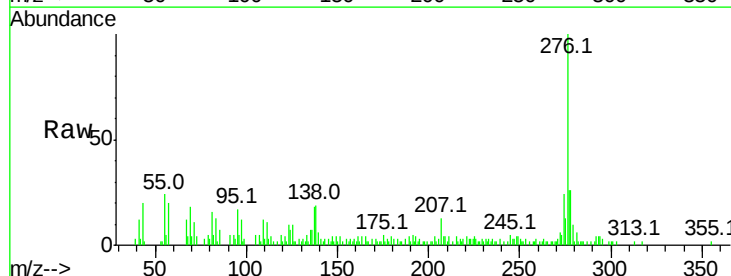
RT: 17.27 min Scan# 2538

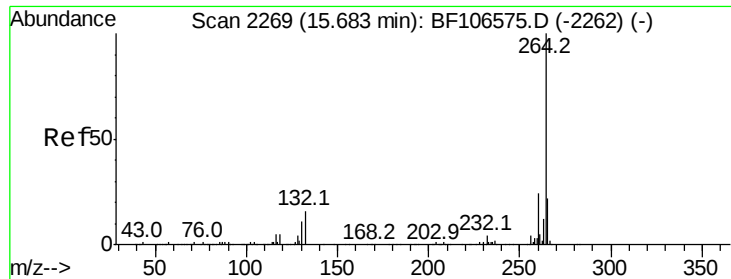
Delta R.T. -0.04 min

Lab File: BF107266.D

Acq: 10 Jul 2018 12:21

Tgt Ion:	276	Resp:	37011
Ion Ratio	Lower	Upper	
276	100		
138	19.4	25.0	37.6#
277	25.4	20.1	30.1





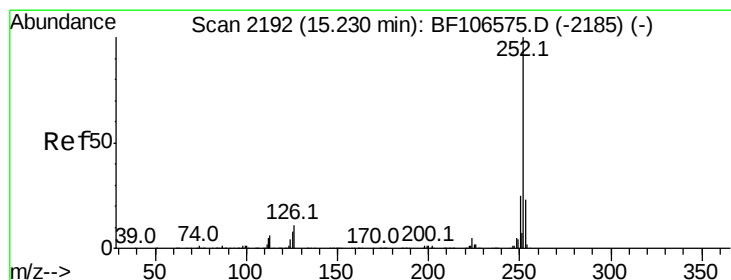
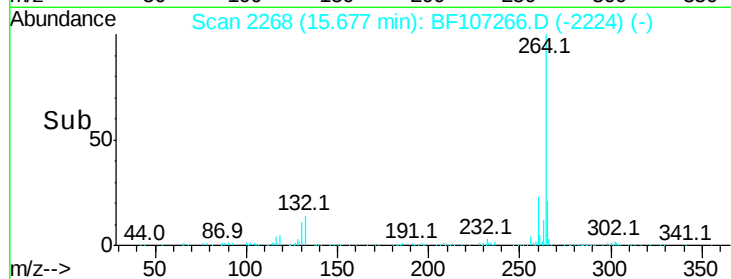
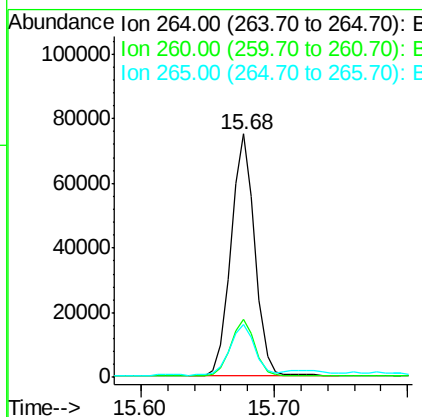
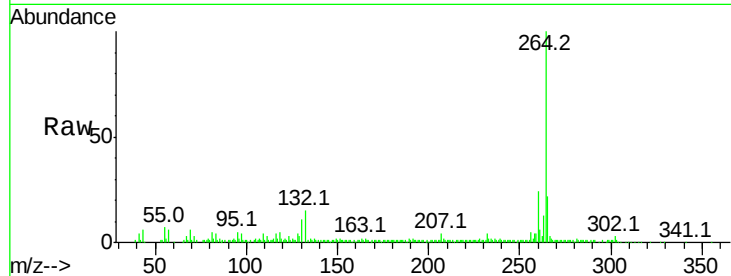
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF107266.D
Acq: 10 Jul 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-6RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.5	26.3

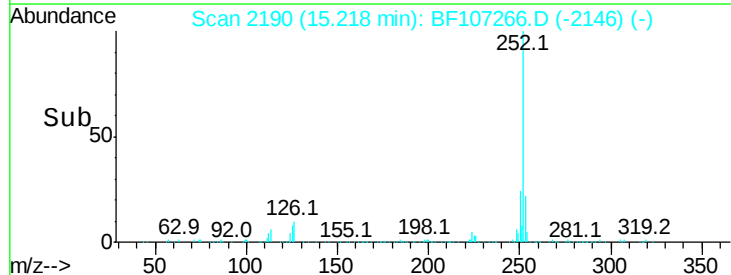
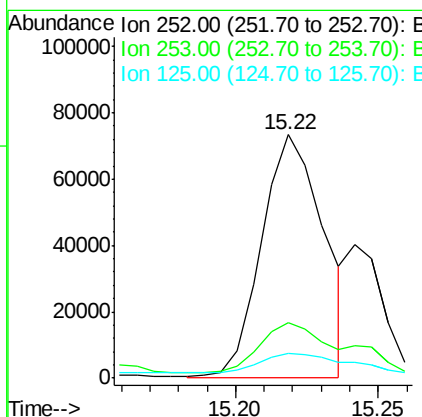
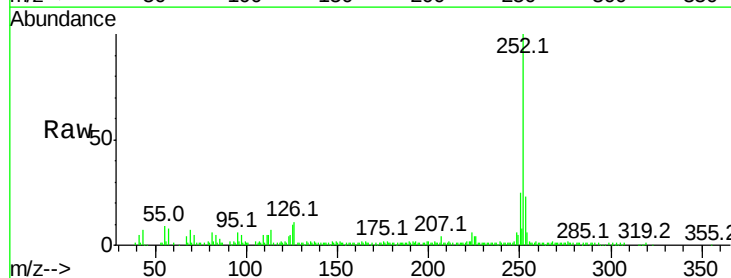
Manual Integrations
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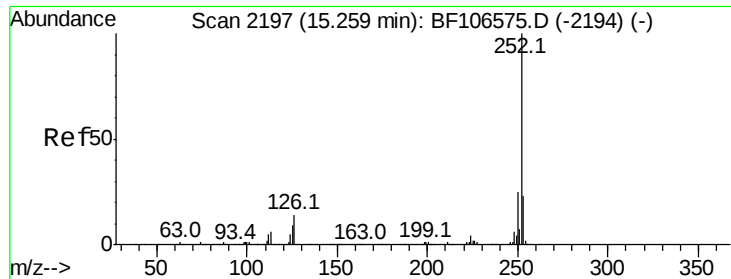
Sohil
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#87
Benzo(b)fluoranthene
Concen: 19.060 ng m
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF107266.D
Acq: 10 Jul 2018 12:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	10.0	9.0	13.6





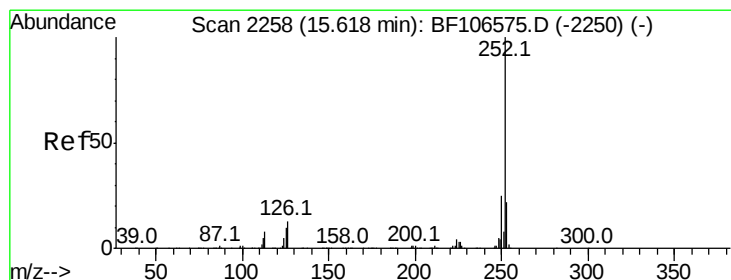
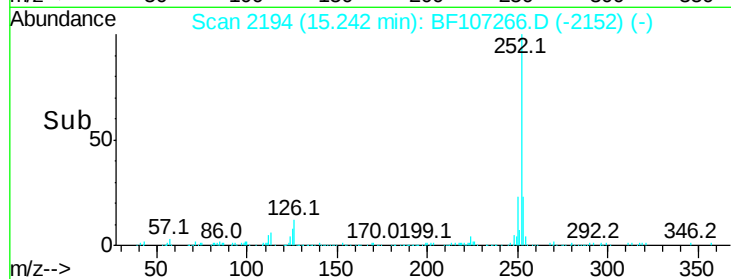
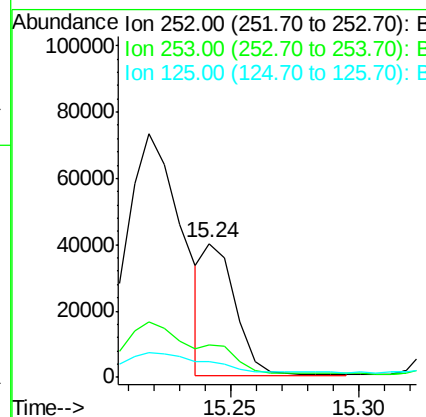
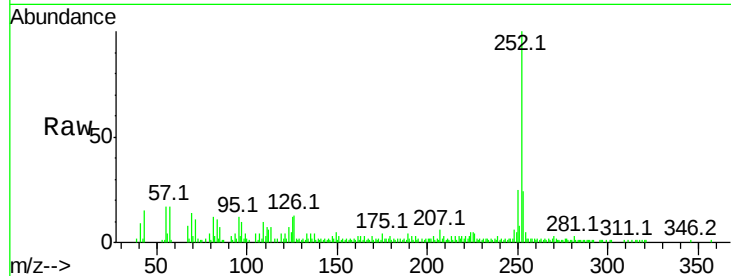
#88
Benzo(k)fluoranthene
Concen: 6.200 ng m
RT: 15.24 min Scan# 2194
Delta R.T. -0.05 min
Lab File: BF107266.D
Acq: 10 Jul 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-6RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	12.2	10.2	15.2

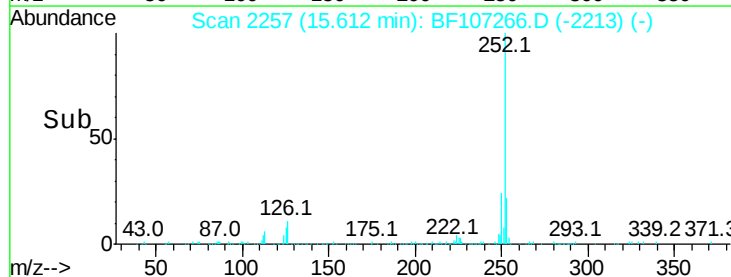
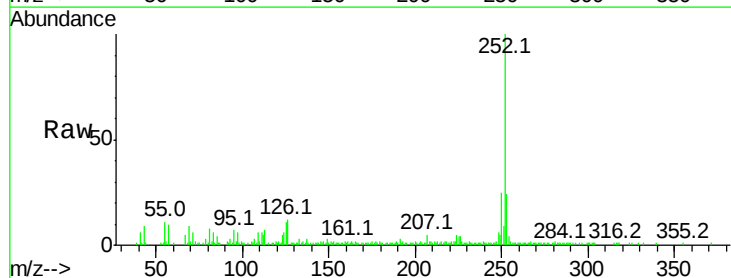
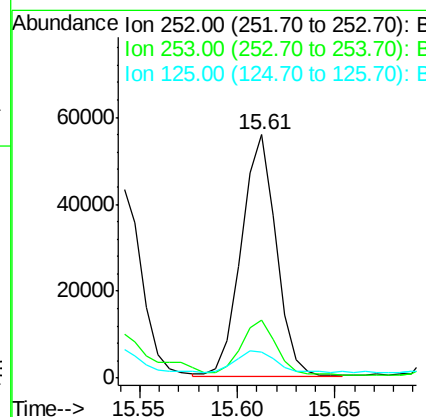
Manual Integrations
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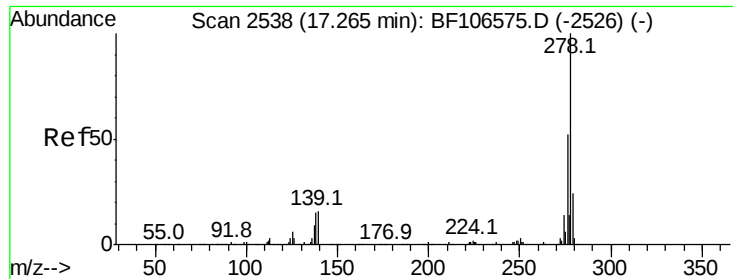
Sohil
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#89
Benzo(a)pyrene
Concen: 13.176 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.04 min
Lab File: BF107266.D
Acq: 10 Jul 2018 12:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	10.6	9.8	14.6





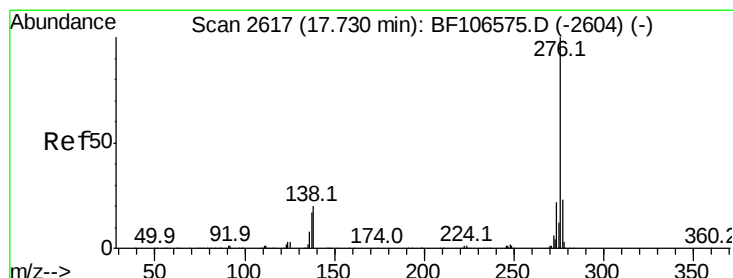
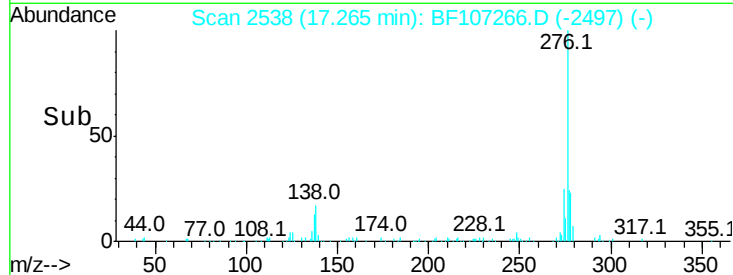
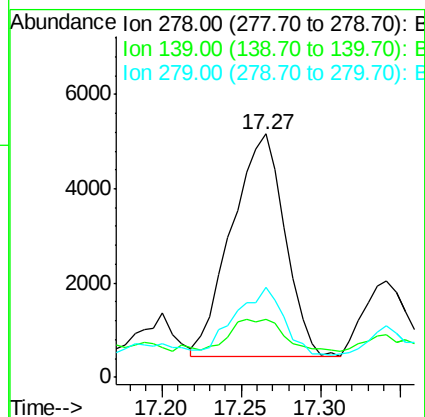
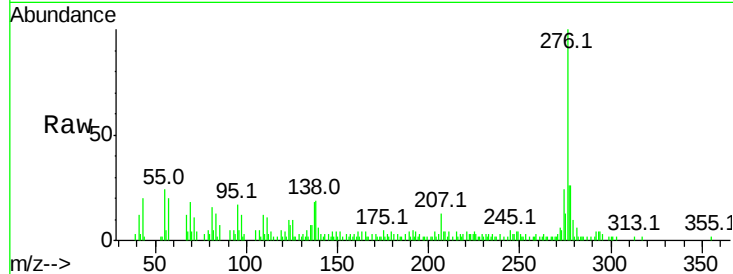
#90
Dibenzo(a,h)anthracene
Concen: 2.496 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.06 min
Lab File: BF107266.D
Acq: 10 Jul 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-6RE

Tot Ion:278	Resp:	10957
Ion Ratio	Lower	Upper
278	100	
139	23.9	15.9 23.9#
279	36.8	19.0 28.4#

Manual Integrations
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7/11/2018 11:22:27 AM



#91
Benzo(g,h,i)perylene
Concen: 8.315 ng
RT: 17.75 min Scan# 2621
Delta R.T. -0.04 min
Lab File: BF107266.D
Acq: 10 Jul 2018 12:21

Tgt Ion:276	Resp:	35675
Ion Ratio	Lower	Upper
276	100	
277	26.9	17.9 26.9#
138	22.0	21.8 32.8

