

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
 Data File : BF107283.D
 Acq On : 10 Jul 2018 19:56
 Operator : JU/SJ
 Sample : J3880-01RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-11RE

Manual Integrations
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Sohil
 7/11/2018 11:22:59 AM

Quant Time: Jul 11 01:51:49 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	25460	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	86799	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	40968	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	89169	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	77113	20.00	ng	-0.03
86) Perylene-d12	15.68	264	54865	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	164689	109.53	ng	-0.02
7) Phenol-d6	6.58	99	191734	102.11	ng	-0.03
23) Nitrobenzene-d5	7.50	82	107460	68.80	ng	-0.04
41) 2,4,6-Tribromophenol	10.78	330	55133	116.11	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	207089	85.68	ng	-0.03
78) Terphenyl-d14	13.06	244	293393	92.16	ng	-0.02
Target Compounds						
10) Phenol	6.60	94	4380	2.044	ng	Qvalue # 71
48) Acenaphthylene	9.85	152	8335	2.054	ng	99
49) Dimethylphthalate	9.69	163	46251	15.052	ng	99
70) Phenanthrene	11.50	178	70642	16.425	ng	99
71) Anthracene	11.55	178	23202	5.285	ng	99
74) Fluoranthene	12.70	202	158701	33.479	ng	96
77) Pyrene	12.94	202	150604	29.617	ng	98
80) Benzo(a)anthracene	14.12	228	76757	16.332	ng	98
82) Chrysene	14.17	228	69550	16.085	ng	96
83) Bis(2-ethylhexyl)phthalate	14.08	149	6599	2.469	ng	# 92
85) Indeno(1,2,3-cd)pyrene	17.27	276	30474	8.305	ng	# 86
87) Benzo(b)fluoranthene	15.22	252	73964m	21.702	ng	
88) Benzo(k)fluoranthene	15.24	252	23217m	7.153	ng	
89) Benzo(a)pyrene	15.61	252	48543	16.022	ng	98
90) Dibenzo(a,h)anthracene	17.26	278	7777	3.029	ng	# 81
91) Benzo(g,h,i)perylene	17.76	276	29009	11.559	ng	# 89

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

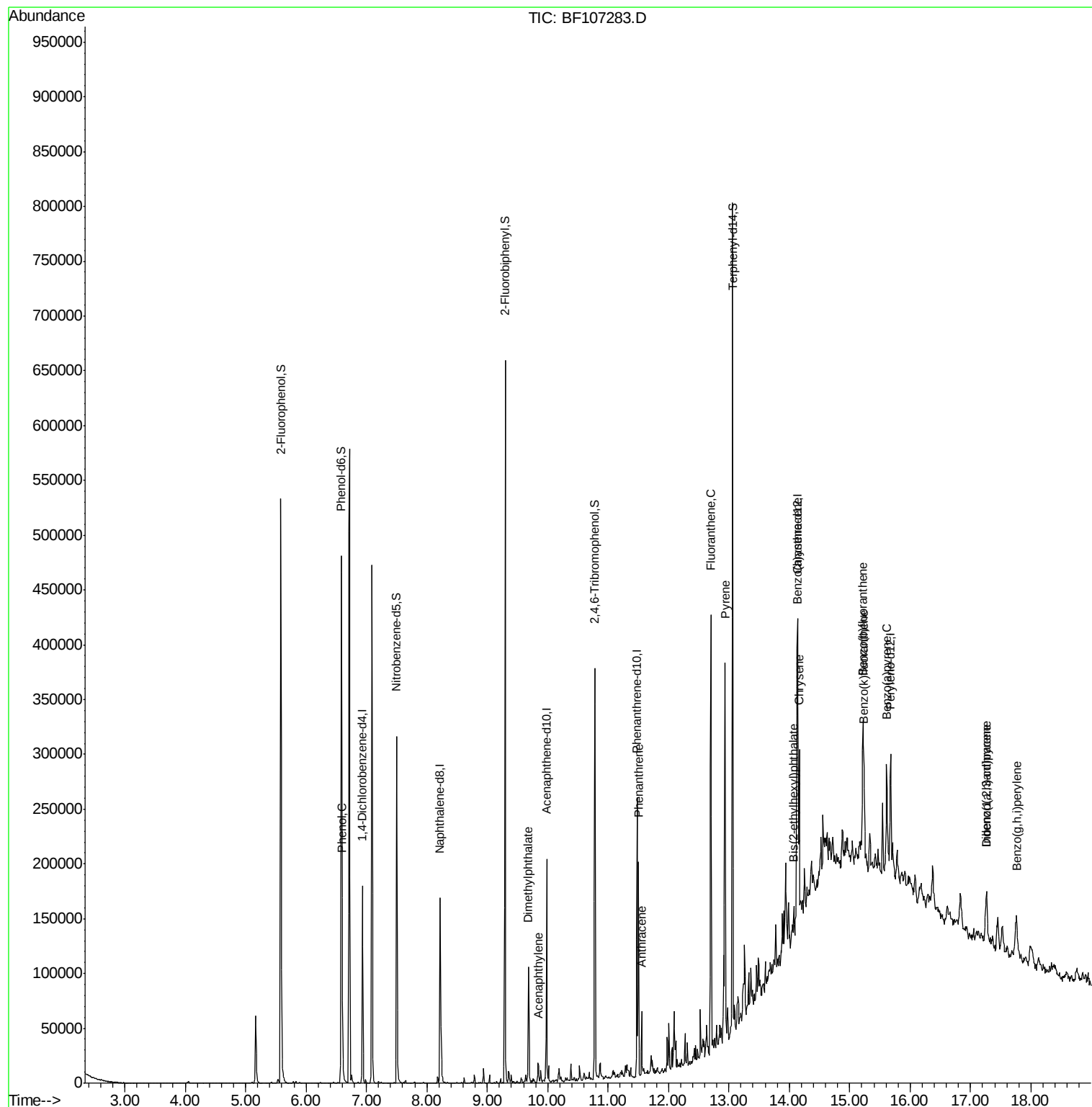
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
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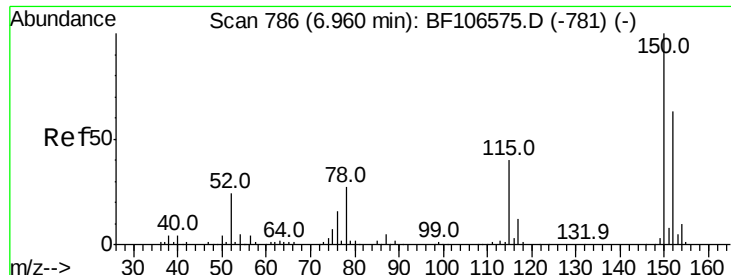
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#1

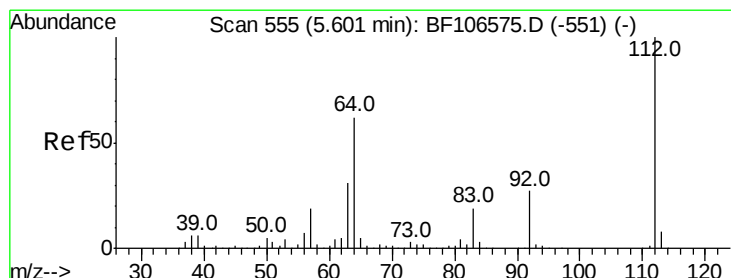
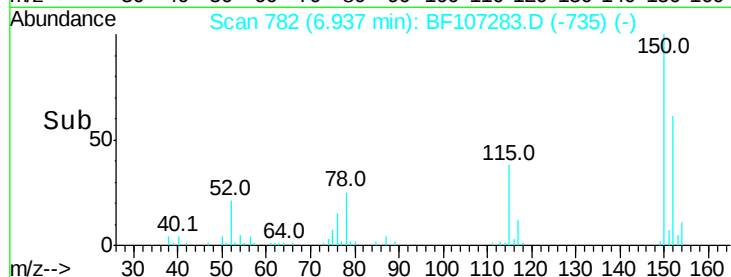
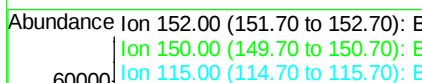
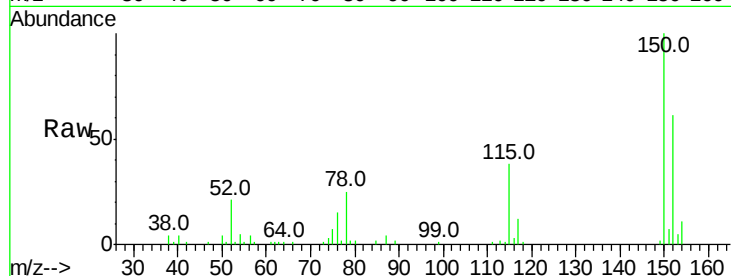
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF107283.D
Acq: 10 Jul 2018 19:56

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-11RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.9	124.6	186.8
115	61.7	50.1	75.1

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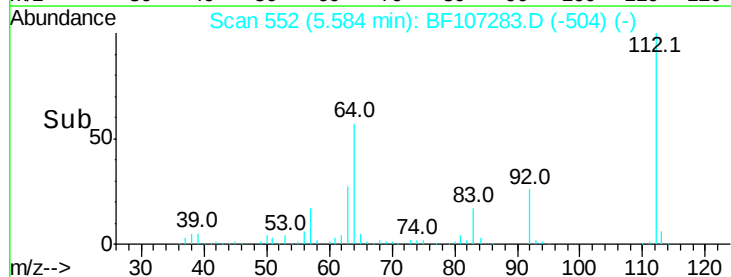
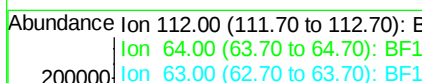
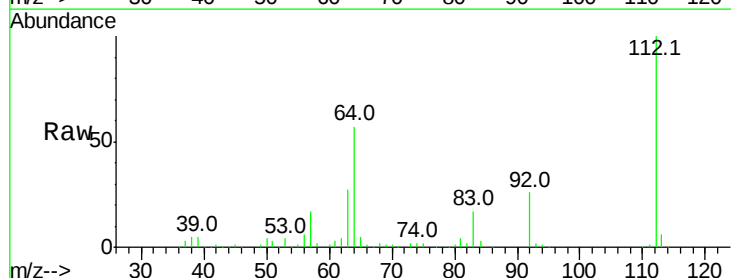
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#5

2-Fluorophenol
Concen: 109.533 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107283.D
Acq: 10 Jul 2018 19:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.9	71.9
63	27.5	23.7	35.5





#7

Phenol-d6

Concen: 102.114 ng

RT: 6.58 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF107283.D

Acq: 10 Jul 2018 19:56

Instrument :

BNA_F

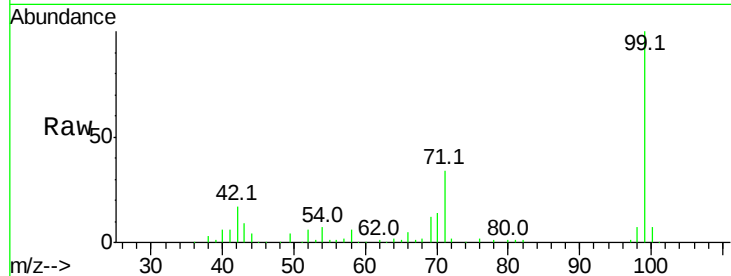
ClientSampleId :

SURCHARGE-SP-11RE

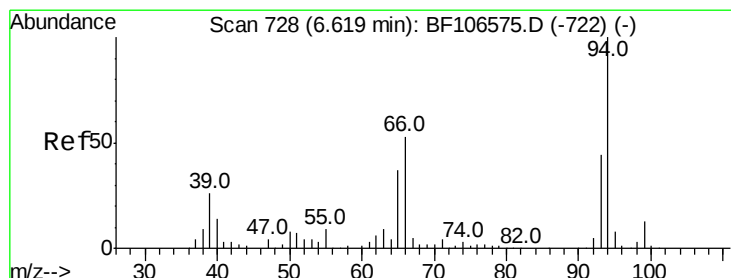
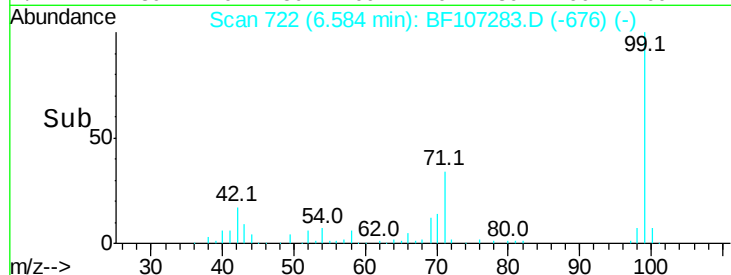
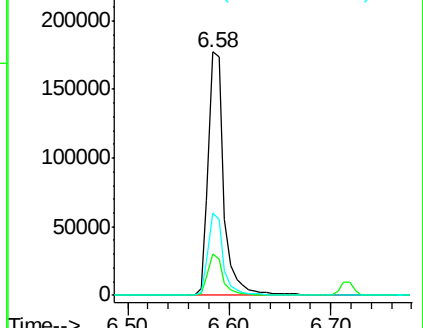
Tot Ion:	99	Resp:	191734
Ion Ratio	Lower	Upper	
99	100		
42	16.9	14.5	21.7
71	33.6	25.4	38.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.044 ng

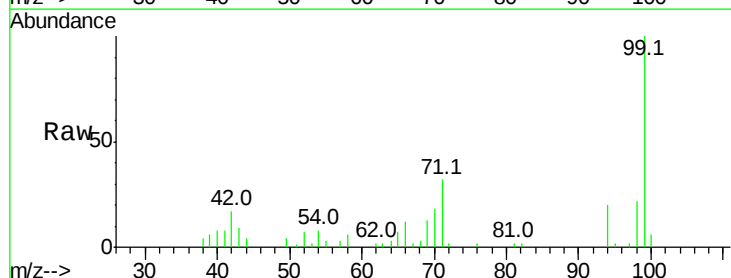
RT: 6.60 min Scan# 725

Delta R.T. -0.02 min

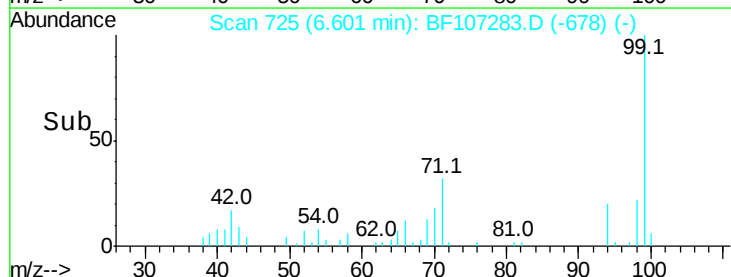
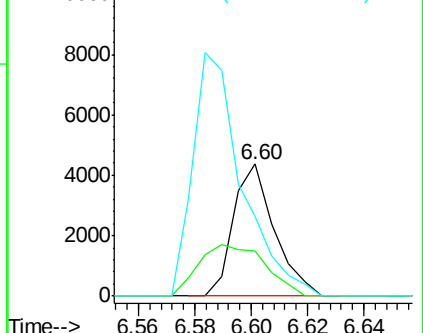
Lab File: BF107283.D

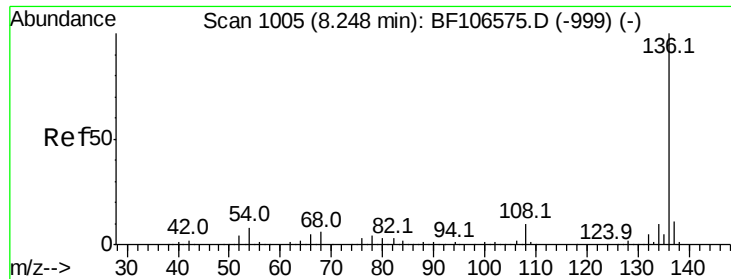
Acq: 10 Jul 2018 19:56

Tgt Ion:	94	Resp:	4380
Ion Ratio	Lower	Upper	
94	100		
65	34.3	7.9	47.9
66	60.6	16.2	56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





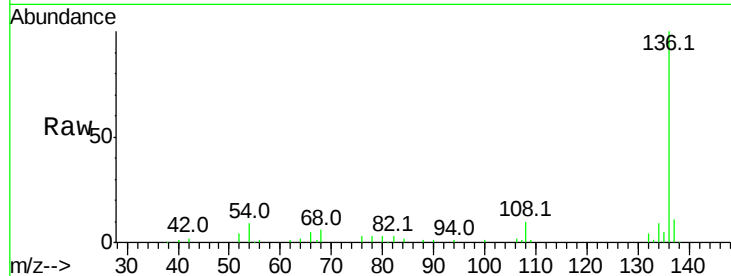
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107283.D
Acq: 10 Jul 2018 19:56

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-11RE

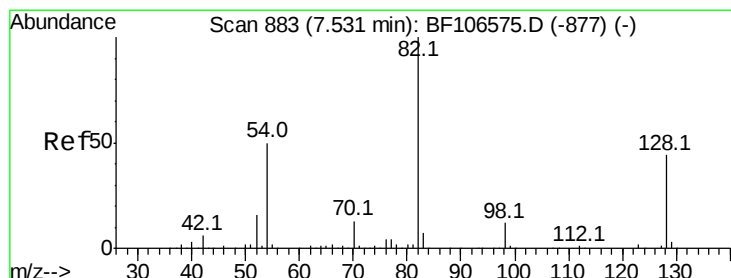
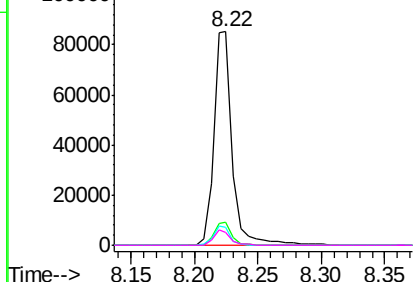
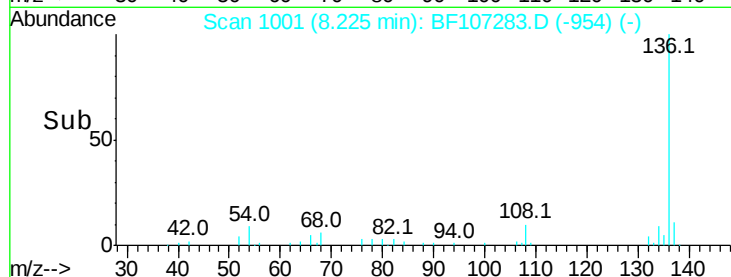
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.5	6.6	9.8
68	5.8	5.0	7.4

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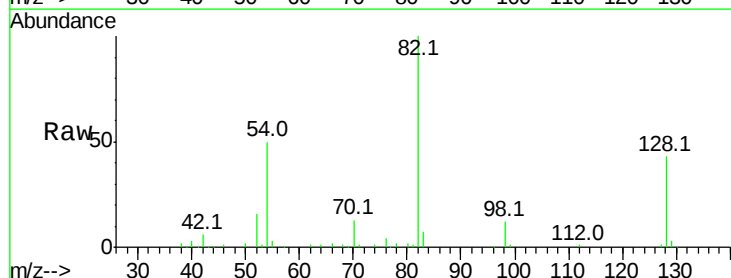


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

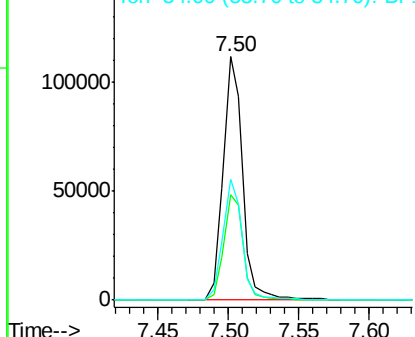
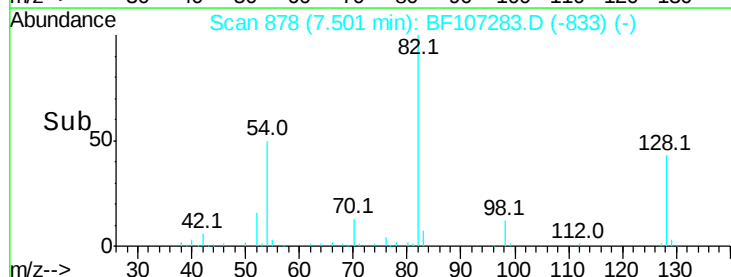


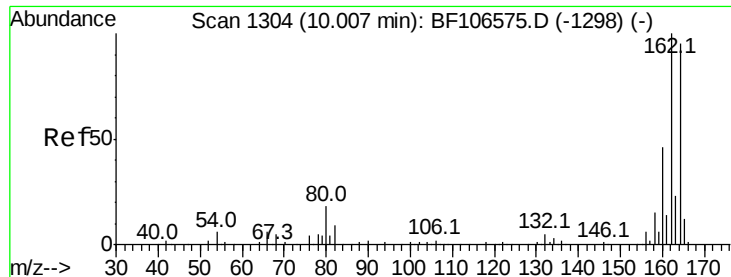
#23
Nitrobenzene-d5
Concen: 68.802 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.04 min
Lab File: BF107283.D
Acq: 10 Jul 2018 19:56

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	49.8	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





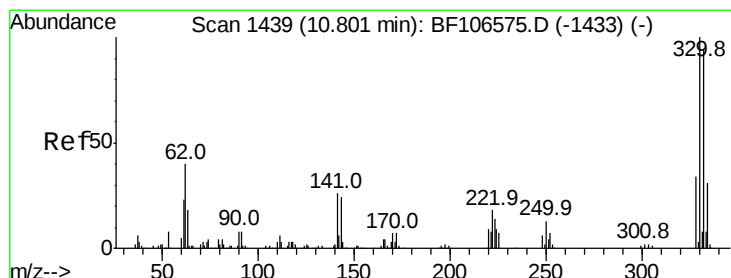
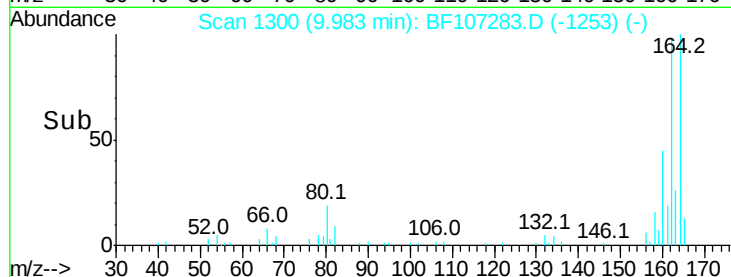
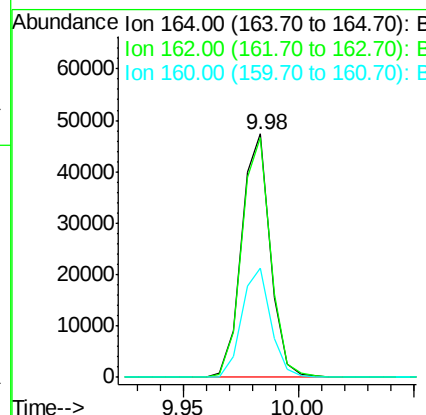
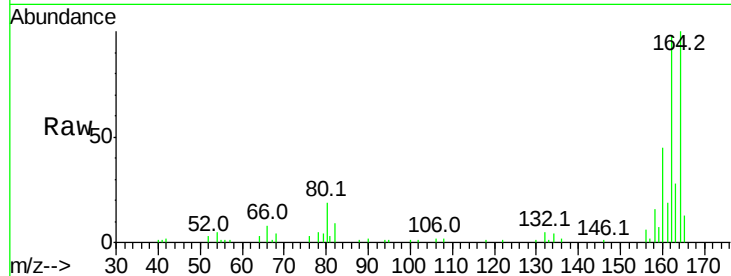
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF107283.D
Acq: 10 Jul 2018 19:56

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-11RE

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.4	86.1	129.1
160	45.0	38.3	57.5

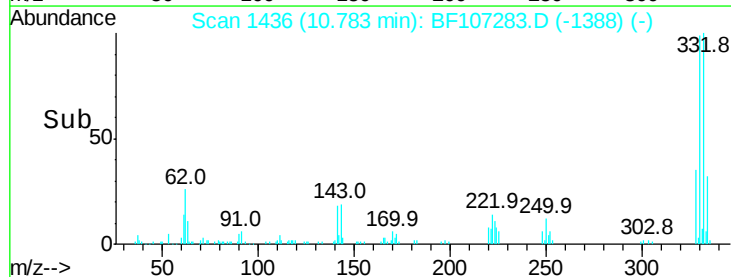
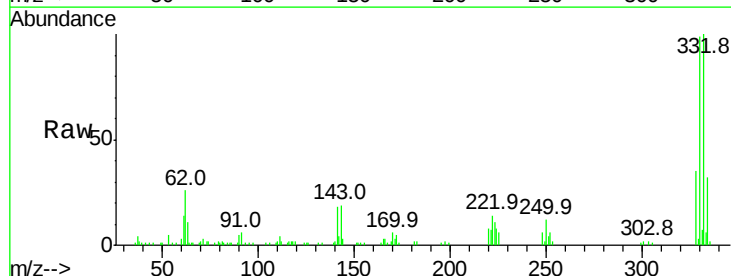
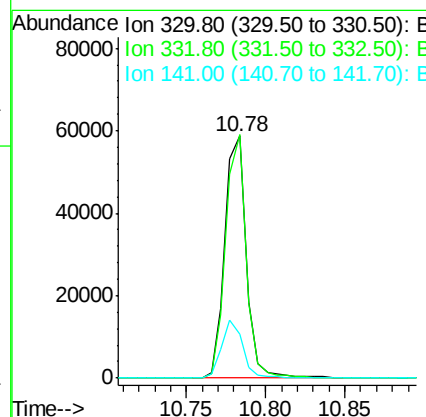
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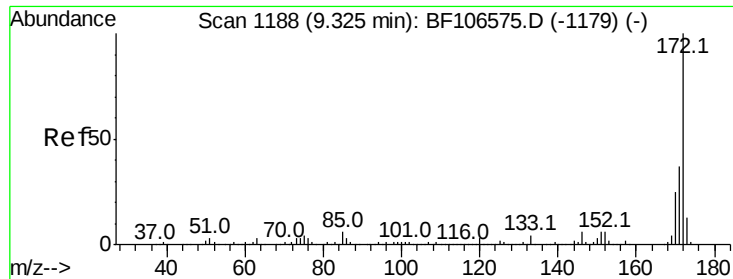
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#41
2,4,6-Tribromophenol
Concen: 116.111 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF107283.D
Acq: 10 Jul 2018 19:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	23.6	29.9	44.9#





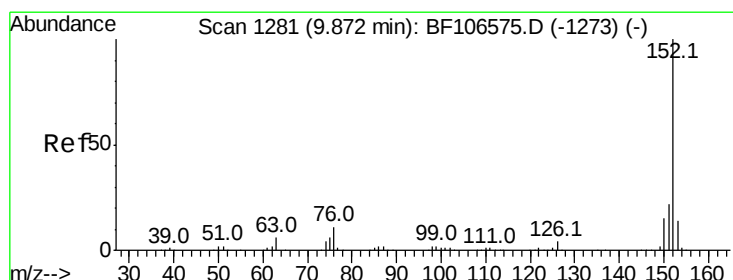
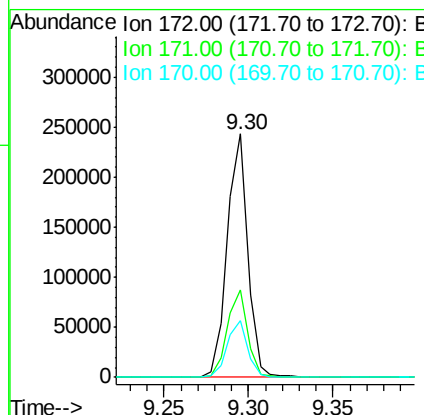
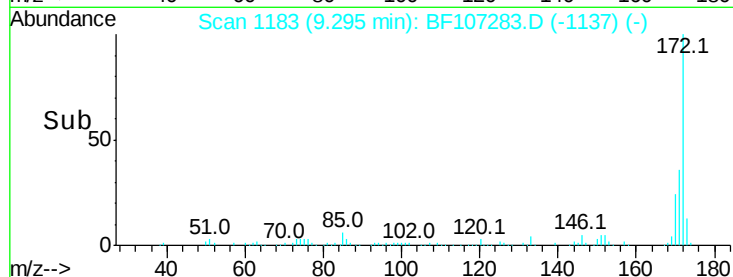
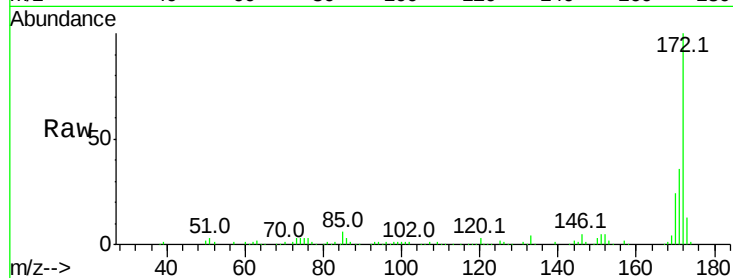
#44
2-Fluorobiphenyl
Concen: 85.678 ng
RT: 9.30 min Scan# 1183
Delta R.T. -0.03 min
Lab File: BF107283.D
Acq: 10 Jul 2018 19:56

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-11RE

Tot Ion	Ratio	Resp	Lower	Upper
172	100	207089		
171	35.8		29.7	44.5
170	23.5		19.6	29.4

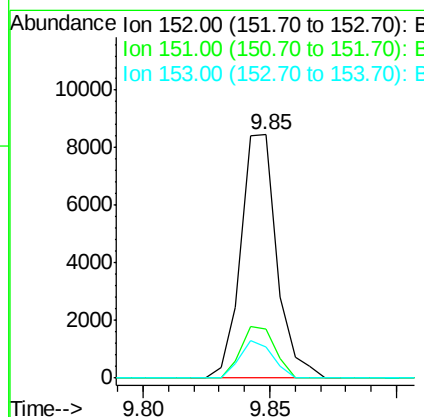
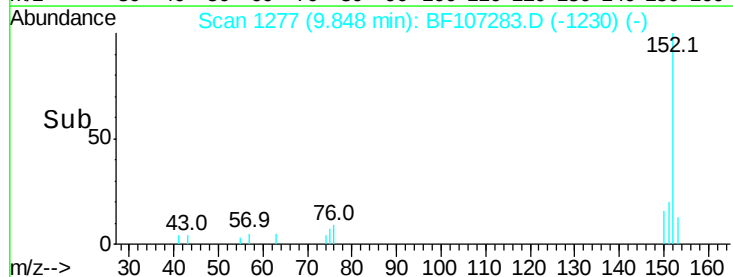
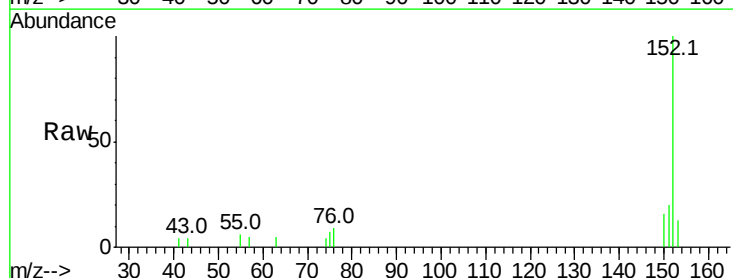
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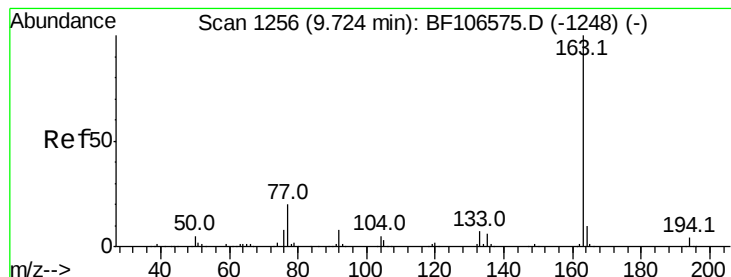
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#48
Acenaphthylene
Concen: 2.054 ng
RT: 9.85 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF107283.D
Acq: 10 Jul 2018 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	8335		
151	20.3		16.3	24.5
153	12.9		10.7	16.1





#49

Dimethylphthalate

Concen: 15.052 ng

RT: 9.69 min Scan# 1250

Delta R.T. -0.04 min

Lab File: BF107283.D

Acq: 10 Jul 2018 19:56

Instrument :

BNA_F

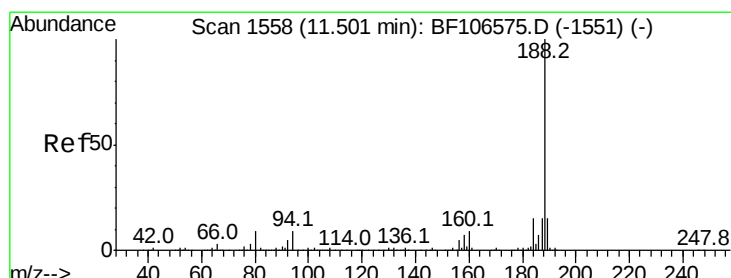
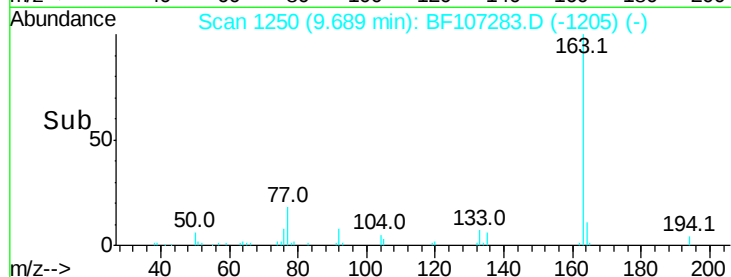
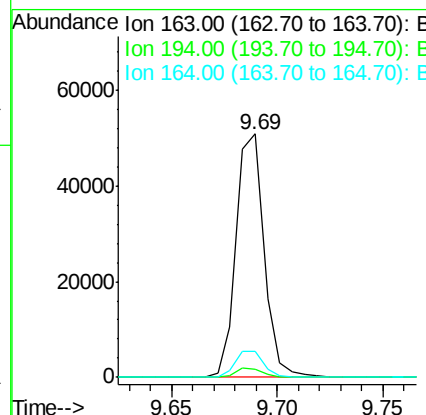
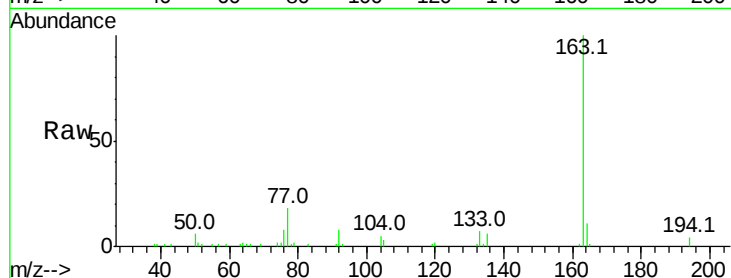
ClientSampleId :

SURCHARGE-SP-11RE

Tot Ion:	163	Resp:	46251
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.7	4.1
164	10.9	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

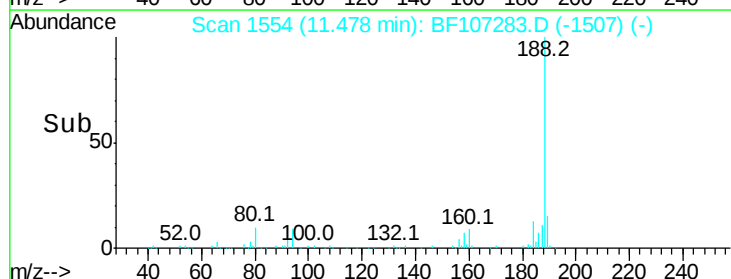
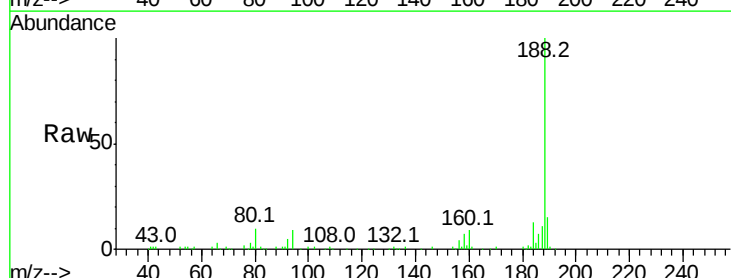
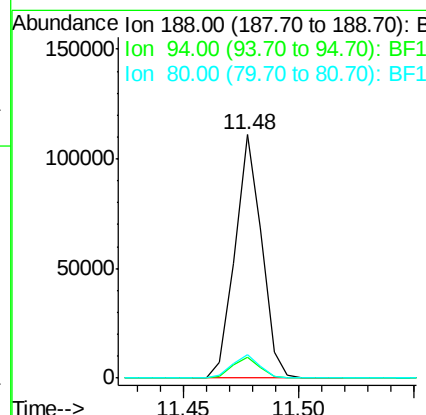
RT: 11.48 min Scan# 1554

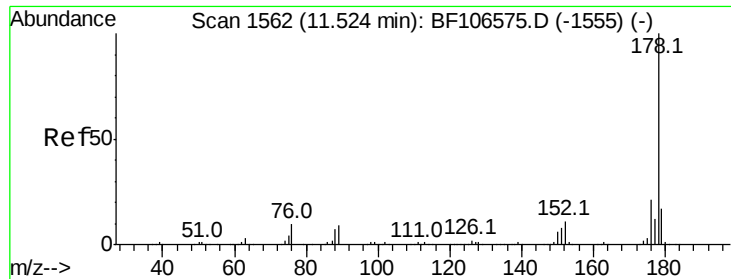
Delta R.T. -0.02 min

Lab File: BF107283.D

Acq: 10 Jul 2018 19:56

Tgt Ion:	188	Resp:	89169
Ion Ratio	Lower	Upper	
188	100		
94	8.8	8.5	12.7
80	9.9	9.2	13.8





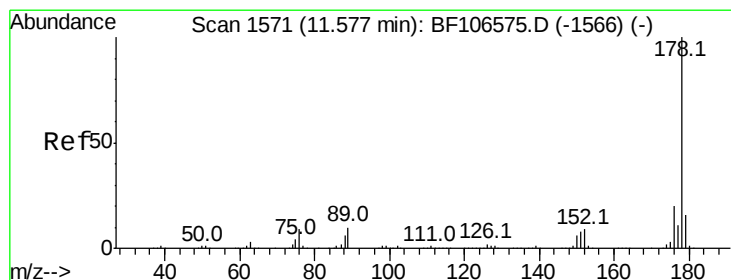
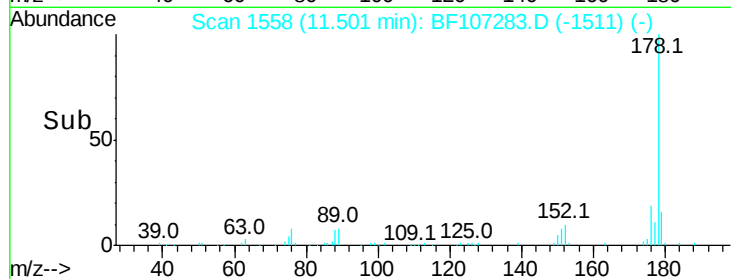
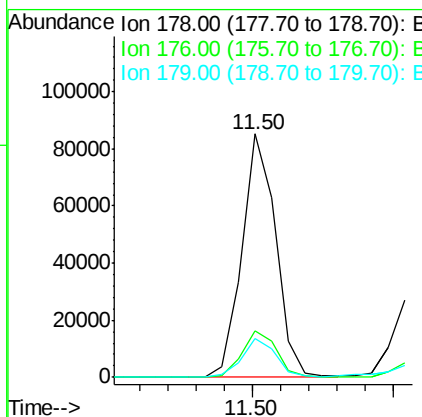
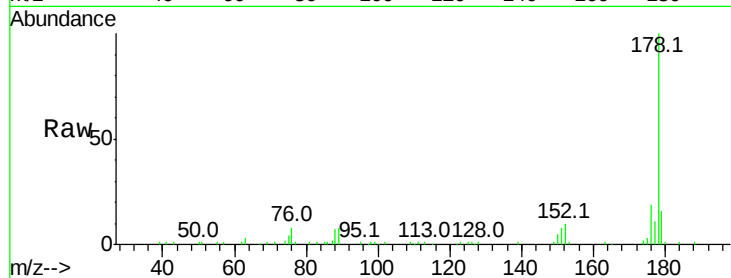
#70
Phenanthrene
Concen: 16.425 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.02 min
Lab File: BF107283.D
Acq: 10 Jul 2018 19:56

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-11RE

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.7	13.0	19.6

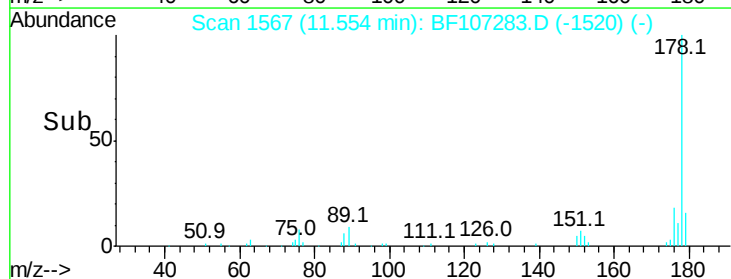
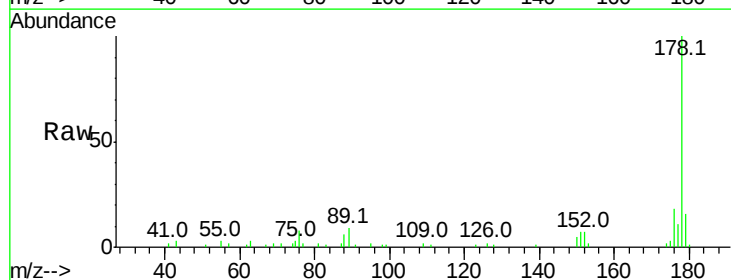
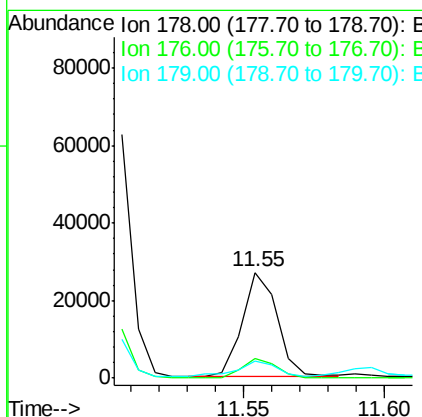
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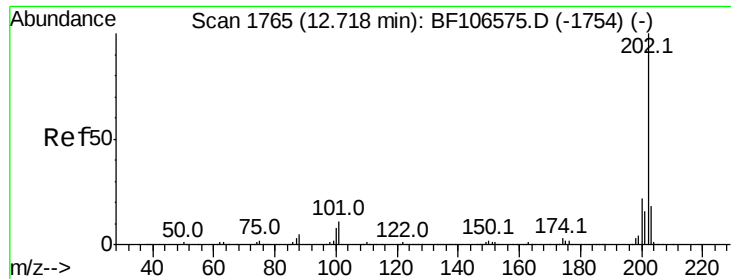
Sohil
7/11/2018 11:22:59 AM



#71
Anthracene
Concen: 5.285 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF107283.D
Acq: 10 Jul 2018 19:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.6	12.6	19.0





#74

Fluoranthene

Concen: 33.479 ng

RT: 12.70 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BF107283.D

Acq: 10 Jul 2018 19:56

Instrument :

BNA_F

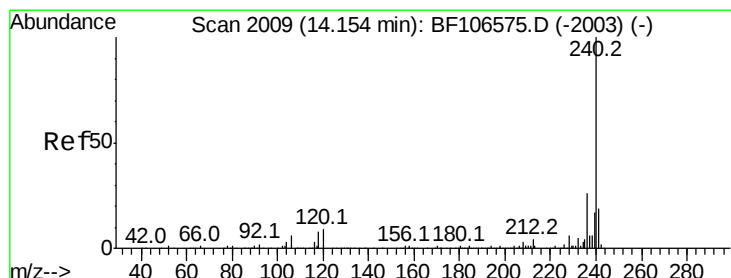
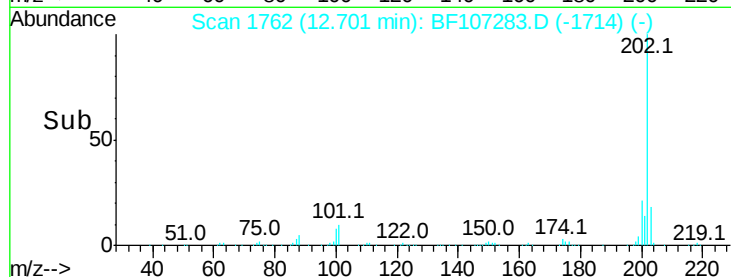
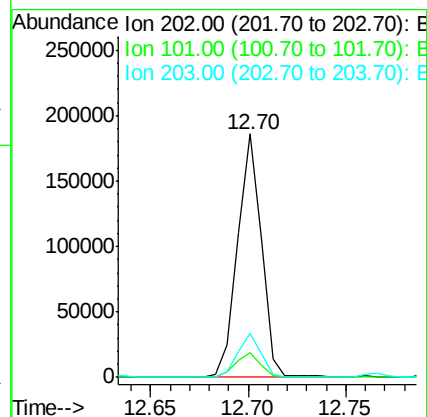
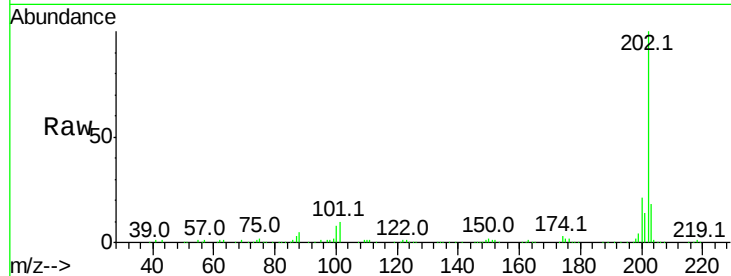
ClientSampleId :

SURCHARGE-SP-11RE

Tot Ion	Ratio	Resp	Lower	Upper
202	100	158701		
101	10.3	0.0	34.1	
203	17.8	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

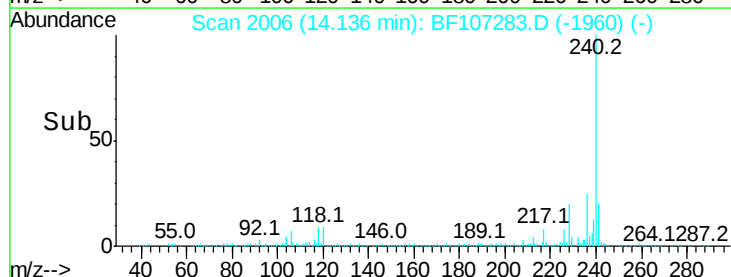
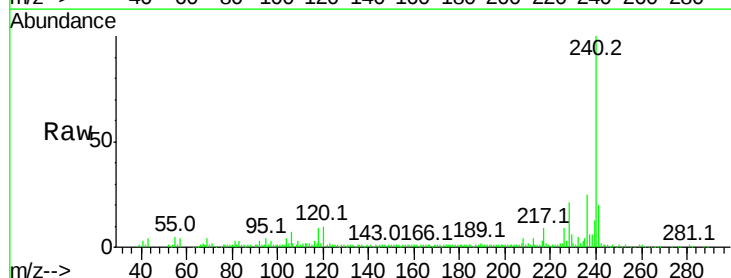
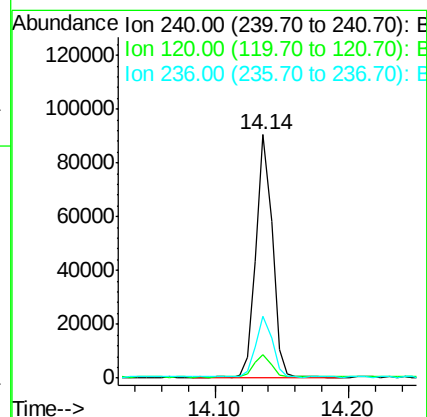
RT: 14.14 min Scan# 2006

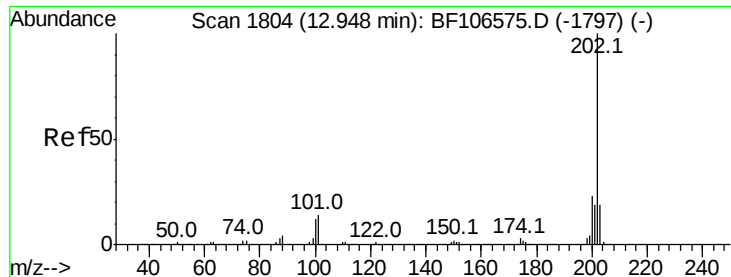
Delta R.T. -0.03 min

Lab File: BF107283.D

Acq: 10 Jul 2018 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	77113		
120	9.7	9.5	14.3	
236	25.5	20.7	31.1	





#77

Pvrene

Concen: 29.617 ng

RT: 12.94 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF107283.D

Acq: 10 Jul 2018 19:56

Instrument :

BNA_F

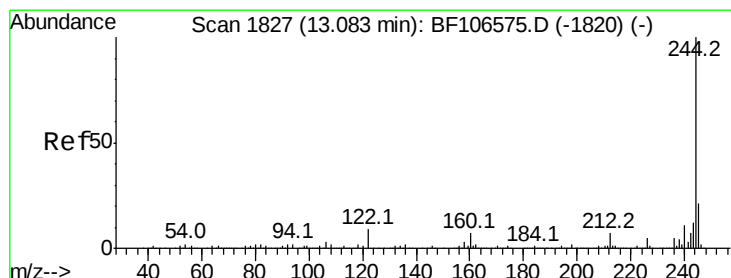
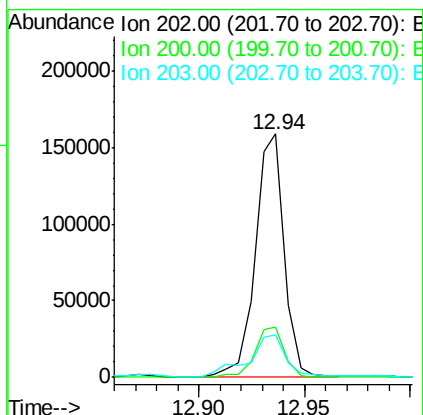
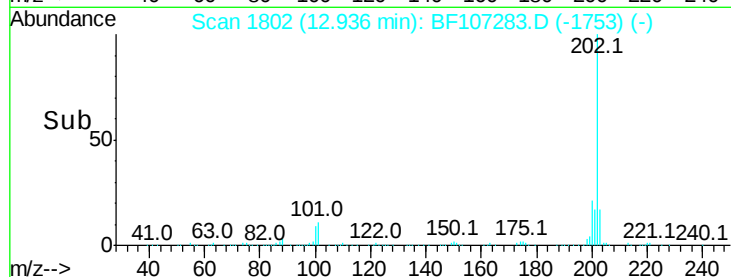
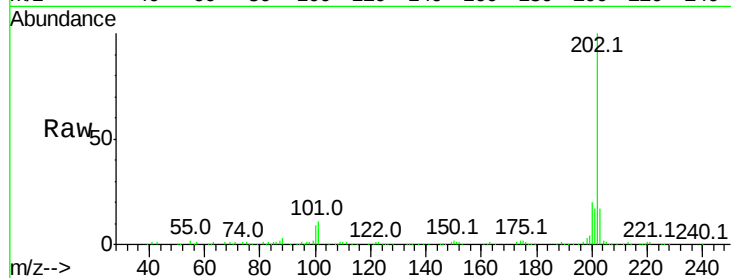
ClientSampleId :

SURCHARGE-SP-11RE

Tot Ion:	202	Resp:	150604
Ion Ratio		Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.4	14.3	21.5

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#78

Terphenyl-d14

Concen: 92.162 ng

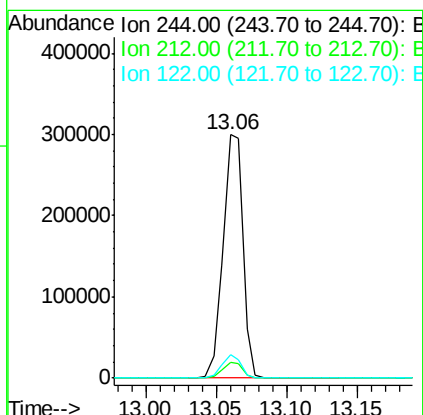
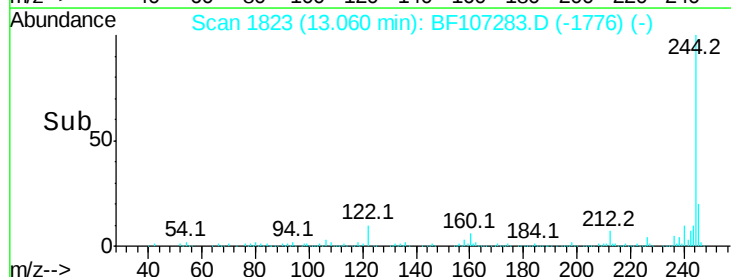
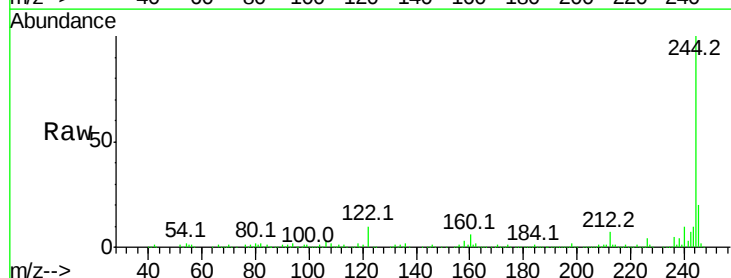
RT: 13.06 min Scan# 1823

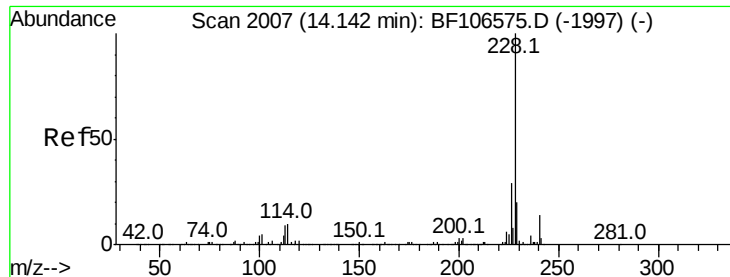
Delta R.T. -0.02 min

Lab File: BF107283.D

Acq: 10 Jul 2018 19:56

Tgt Ion:	244	Resp:	293393
Ion Ratio		Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.5	11.0	16.4#





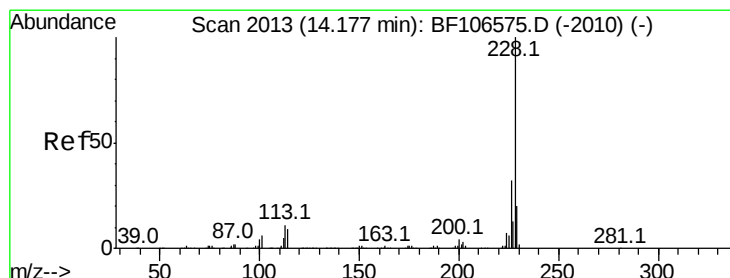
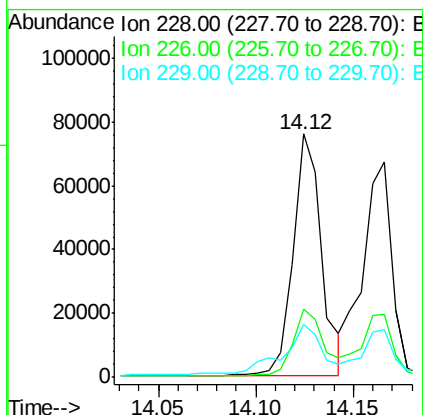
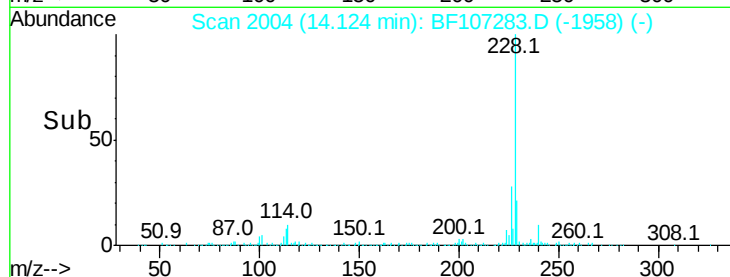
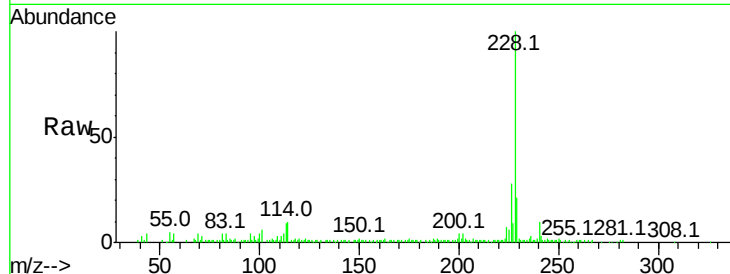
#80
Benzo(a)anthracene
Concen: 16.332 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BF107283.D
Acq: 10 Jul 2018 19:56

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-11RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	21.5	15.8	23.6

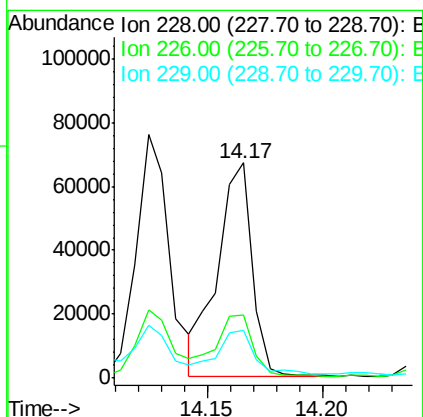
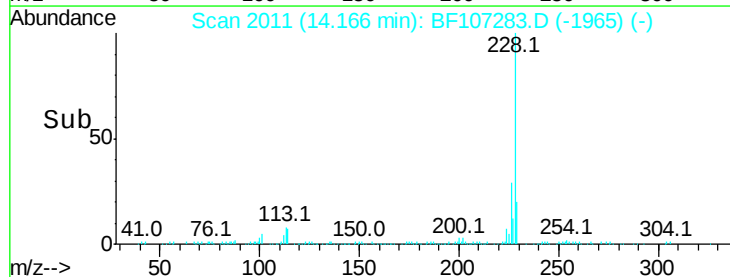
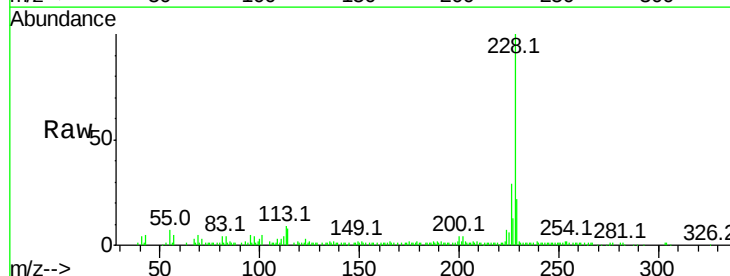
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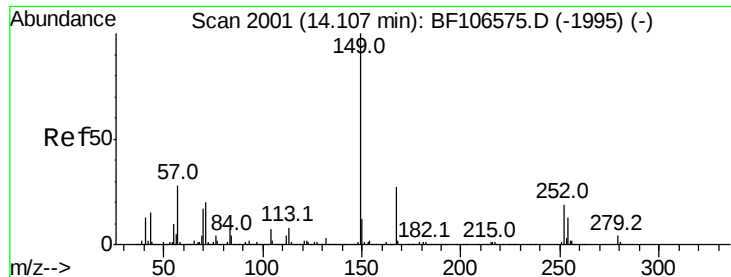
Sohil
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#82
Chrysene
Concen: 16.085 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.03 min
Lab File: BF107283.D
Acq: 10 Jul 2018 19:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	22.4	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.469 ng

RT: 14.08 min Scan# 1996

Delta R.T. -0.04 min

Lab File: BF107283.D

Acq: 10 Jul 2018 19:56

Instrument :

BNA_F

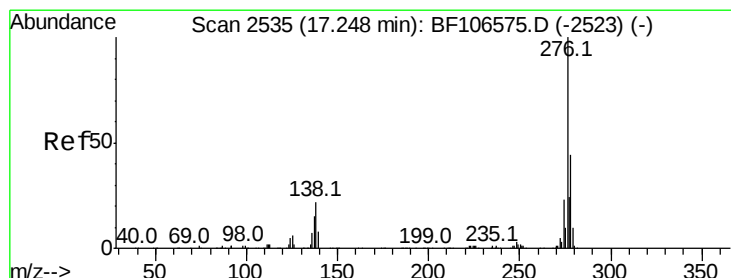
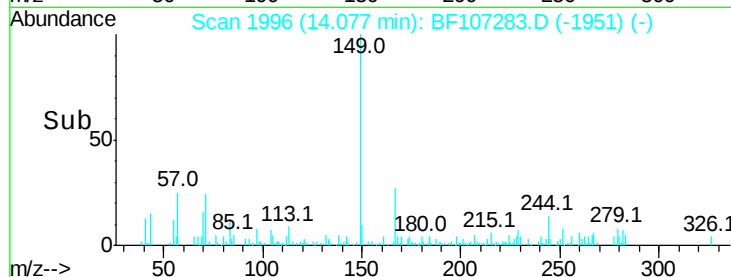
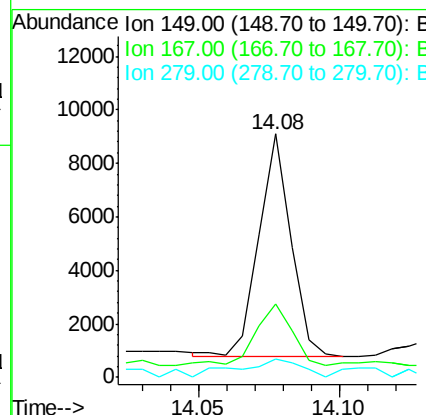
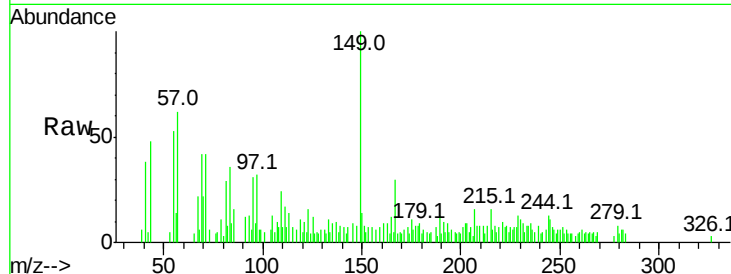
ClientSampleId :

SURCHARGE-SP-11RE

Tot Ion:	149	Resp:	6599
Ion Ratio	Lower	Upper	
149	100		
167	30.2	21.3	31.9
279	7.7	3.0	4.4#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 8.305 ng

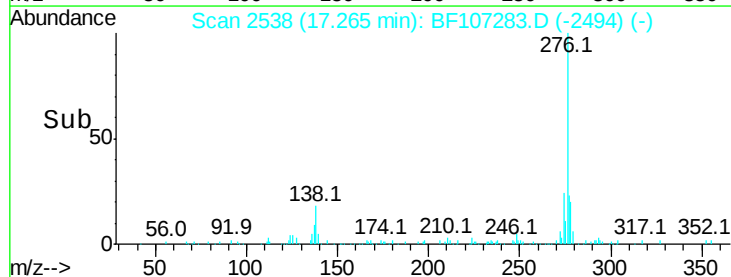
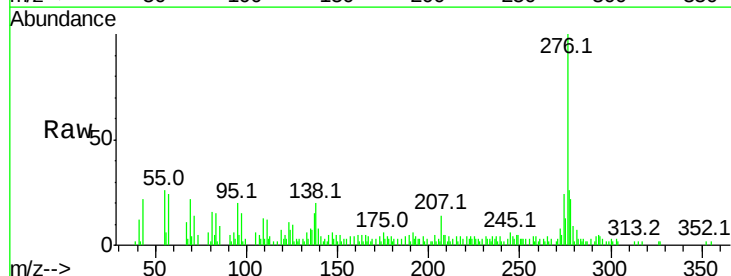
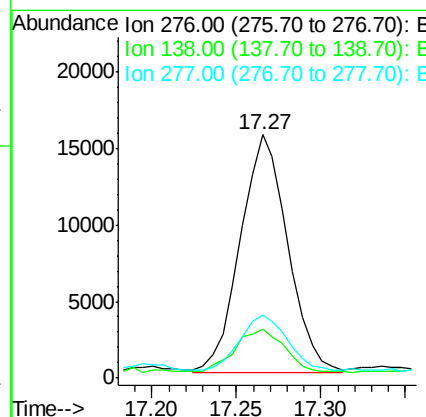
RT: 17.27 min Scan# 2538

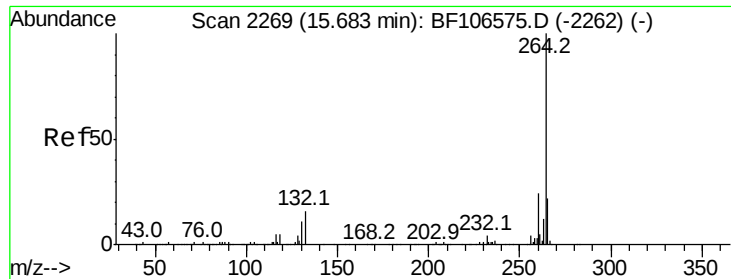
Delta R.T. -0.04 min

Lab File: BF107283.D

Acq: 10 Jul 2018 19:56

Tgt Ion:	276	Resp:	30474
Ion Ratio	Lower	Upper	
276	100		
138	19.1	25.0	37.6#
277	22.9	20.1	30.1





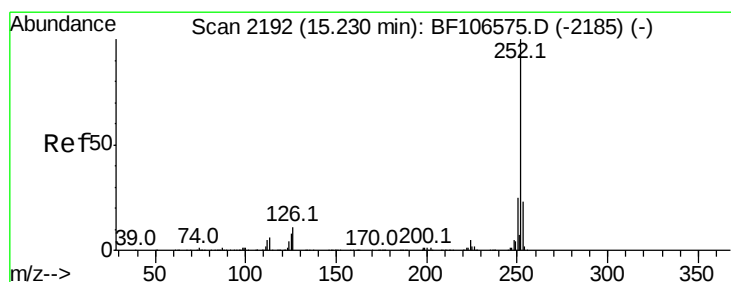
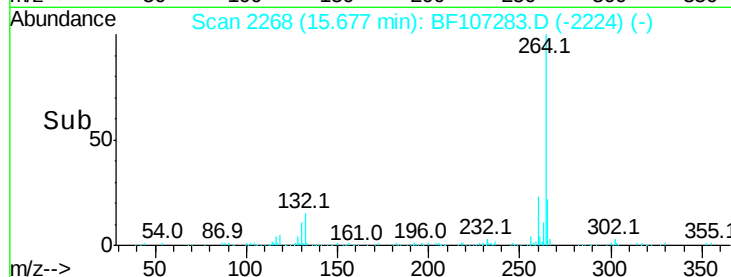
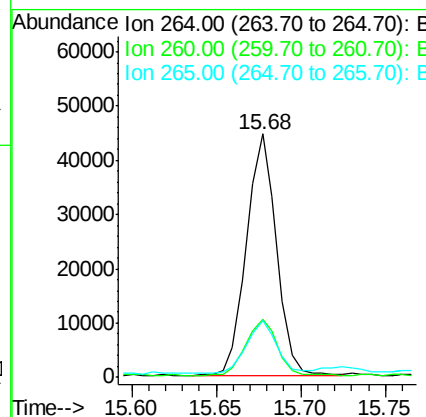
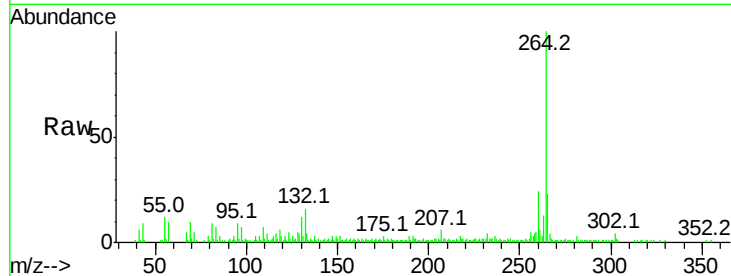
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF107283.D
Acq: 10 Jul 2018 19:56

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-11RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	23.1	17.5	26.3

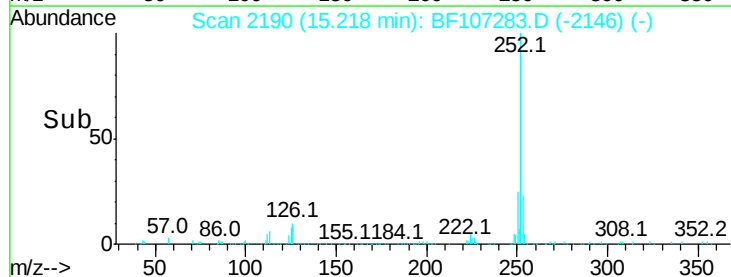
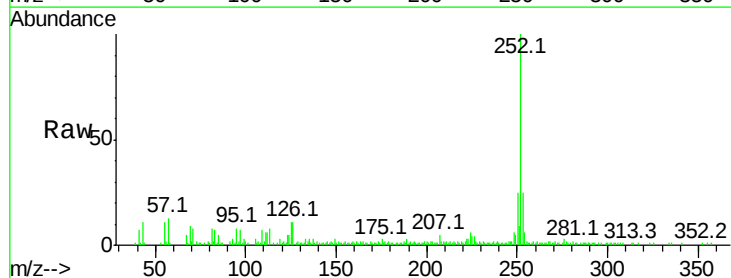
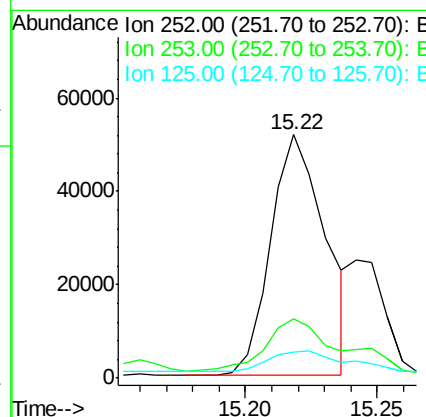
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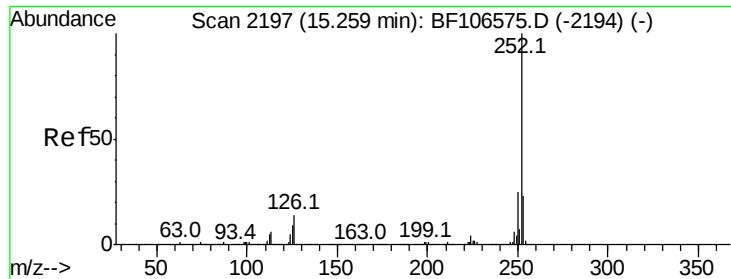
Sohil
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#87
Benzo(b)fluoranthene
Concen: 21.702 ng m
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF107283.D
Acq: 10 Jul 2018 19:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.0	25.6
125	10.9	9.0	13.6





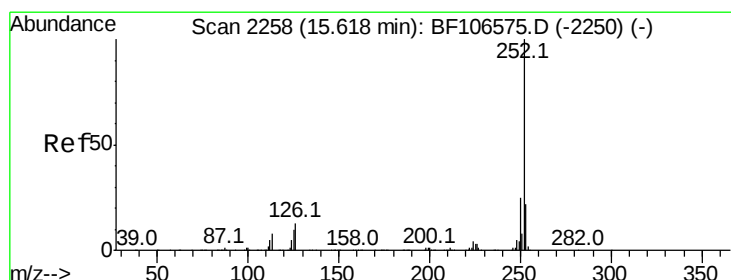
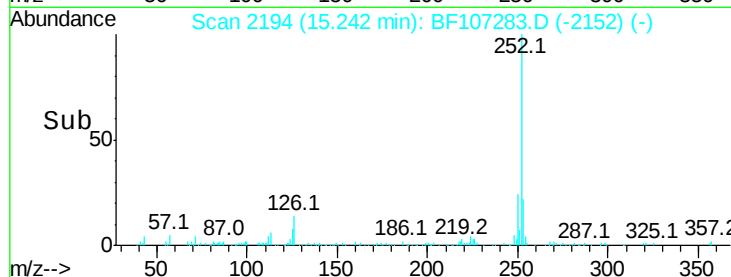
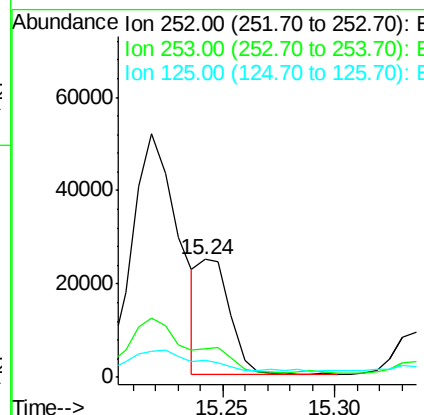
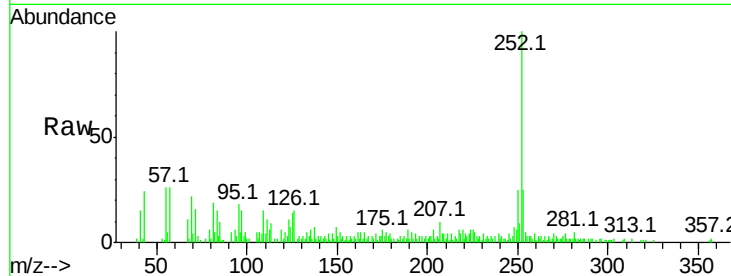
#88
Benzo(k)fluoranthene
Concen: 7.153 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.05 min
Lab File: BF107283.D
Acq: 10 Jul 2018 19:56

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-11RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.9	26.9
125	14.1	10.2	15.2

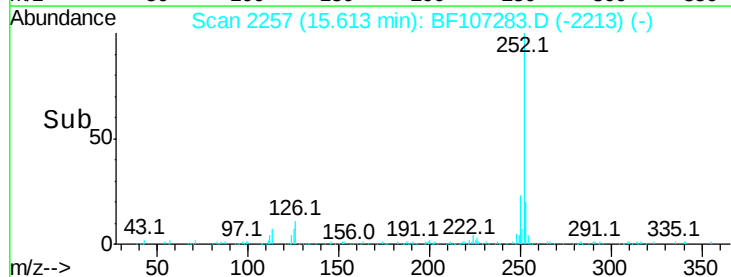
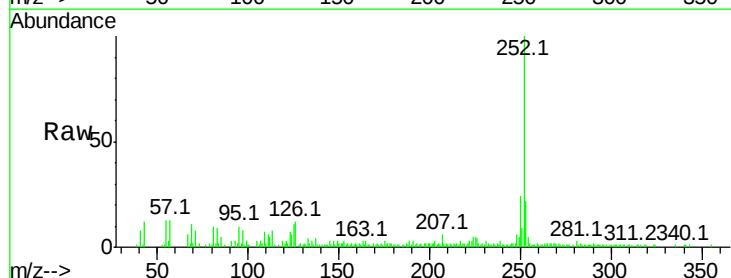
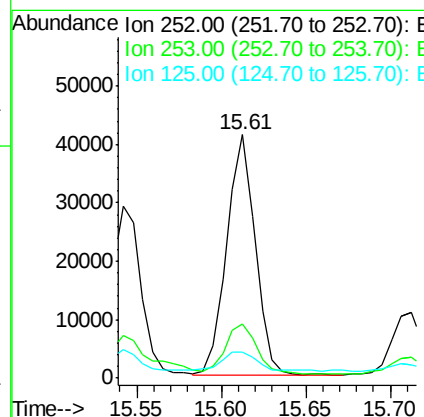
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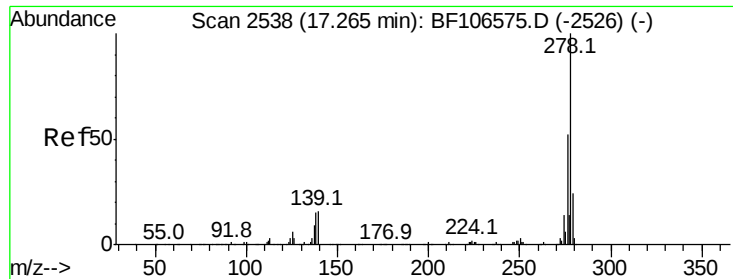
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#89
Benzo(a)pyrene
Concen: 16.022 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.04 min
Lab File: BF107283.D
Acq: 10 Jul 2018 19:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	10.9	9.8	14.6





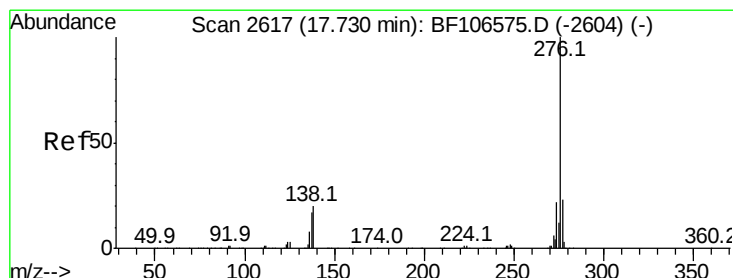
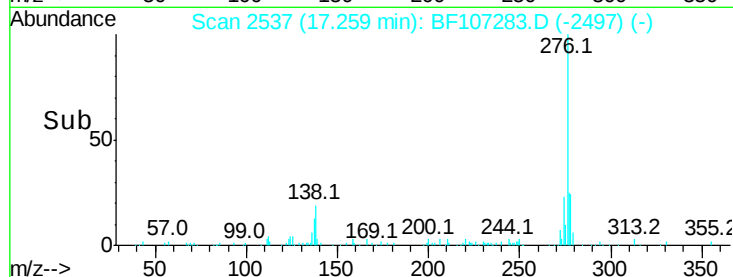
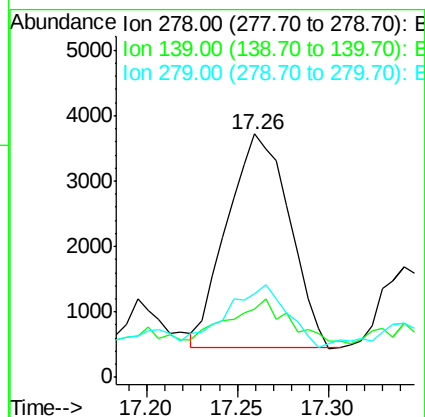
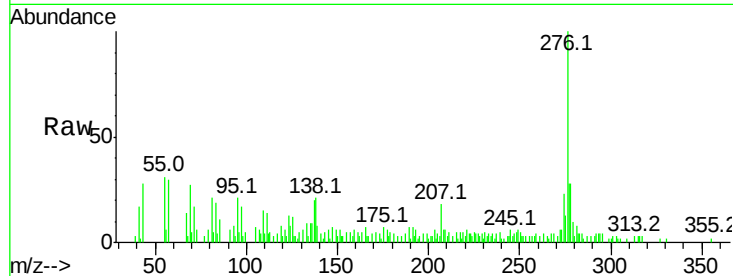
#90
Dibenzo(a,h)anthracene
Concen: 3.029 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.06 min
Lab File: BF107283.D
Acq: 10 Jul 2018 19:56

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-11RE

Tot Ion	Ratio	Lower	Upper
278	100		
139	27.9	15.9	23.9#
279	34.1	19.0	28.4#

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#91
Benzo(g,h,i)perylene
Concen: 11.559 ng
RT: 17.76 min Scan# 2622
Delta R.T. -0.03 min
Lab File: BF107283.D
Acq: 10 Jul 2018 19:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.4	17.9	26.9#
138	22.7	21.8	32.8

