

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111838.D
 Acq On : 3 Jan 2019 23:05
 Operator : JU/SJ
 Sample : K1019-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-D-11-12-B

Manual Integrations
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 1/4/2019 9:56:54 AM

Quant Time: Jan 04 04:02:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	240893	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	889266	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	412337	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	601419	20.00	ng	0.01
76) Chrysene-d12	14.07	240	458319	20.00	ng	0.02
87) Perylene-d12	15.56	264	315509	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1338481	94.71	ng	0.02
7) Phenol-d6	6.55	99	1790013	99.52	ng	0.02
23) Nitrobenzene-d5	7.46	82	1089360	71.31	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	347907	71.41	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	2018113	71.34	ng	0.00
79) Terphenyl-d14	13.01	244	1483031	61.36	ng	0.01
Target Compounds						
10) Phenol	6.56	94	82102	4.046	ng	96
50) Dimethylphthalate	9.65	163	329553	10.929	ng	98
58) Fluorene	10.49	166	62988	2.330	ng	100
71) Phenanthrene	11.45	178	614823	19.276	ng	94
72) Anthracene	11.50	178	73225	2.287	ng	93
75) Fluoranthene	12.64	202	551474	17.074	ng	96
78) Pyrene	12.87	202	434573	13.427	ng	95
81) Benzo(a)anthracene	14.06	228	172807	6.607	ng	97
83) Chrysene	14.09	228	158280	6.157	ng	99
86) Indeno(1,2,3-cd)pyrene	17.05	276	46944	2.148	ng	# 87
88) Benzo(b)fluoranthene	15.12	252	137053m	7.433	ng	
89) Benzo(k)fluoranthene	15.14	252	49708m	2.832	ng	
90) Benzo(a)pyrene	15.49	252	89536	5.345	ng	97
92) Benzo(a,h,i)perylene	17.50	276	42845	2.991	ng	# 91

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

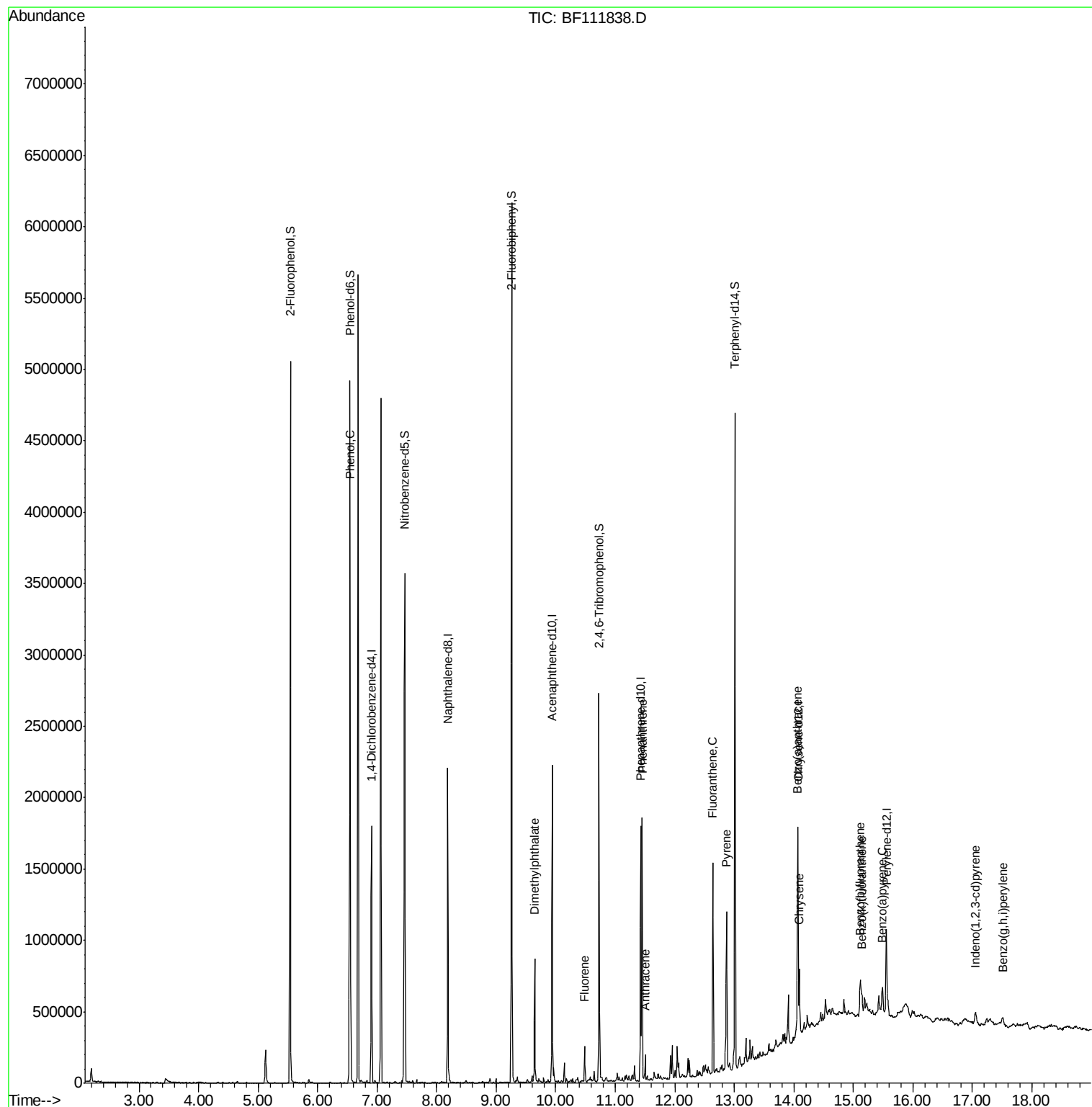
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111838.D
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Operator : JU/SJ
Sample : K1019-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

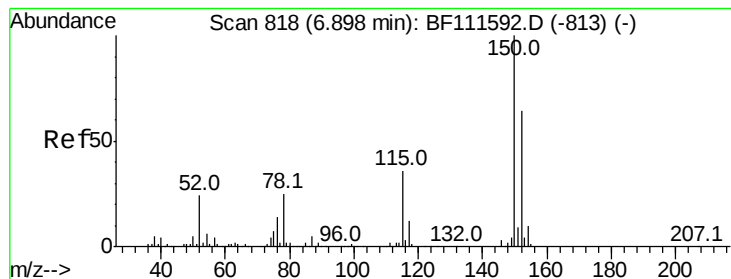
Instrument :
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TEST-PIT-D-11-12-B

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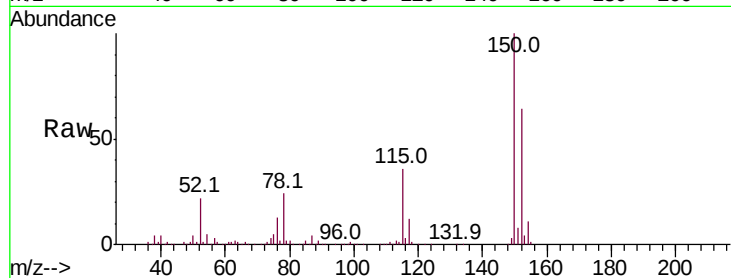
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF111838.D
 Acq: 3 Jan 2019 23:05

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-D-11-12-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.6	189.8
115	55.6	50.7	76.1

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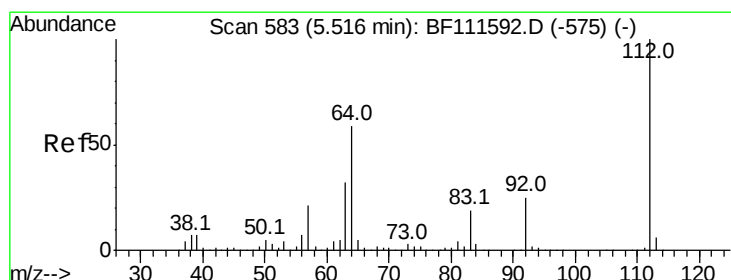
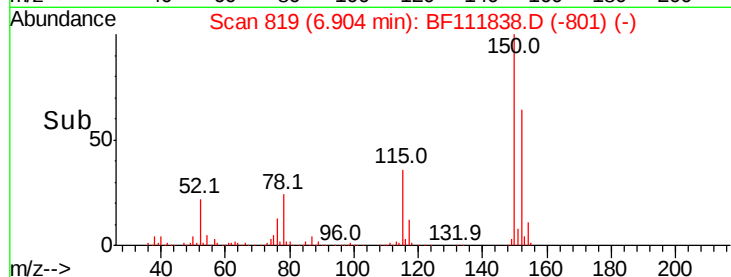
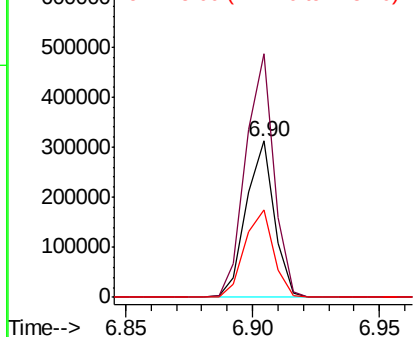


Abundance

Ion 152.00 (151.70 to 152.70): E

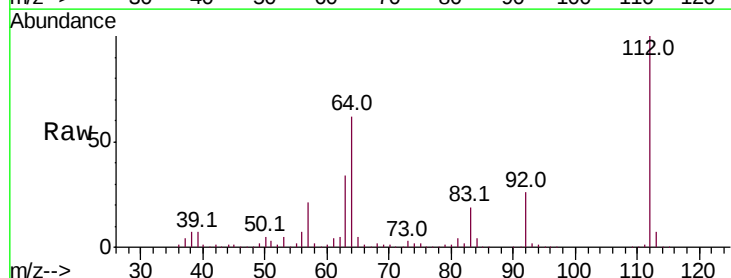
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 94.709 ng
 RT: 5.54 min Scan# 587
 Delta R.T. 0.02 min
 Lab File: BF111838.D
 Acq: 3 Jan 2019 23:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	51.8	77.6
63	33.9	26.8	40.2

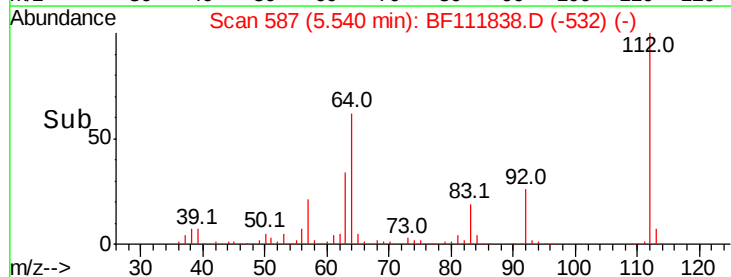
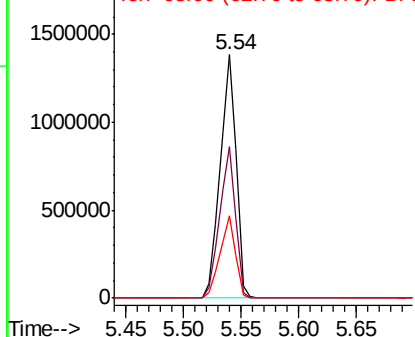


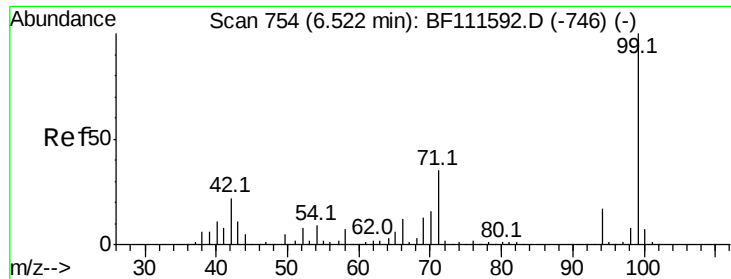
Abundance

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: 99.524 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111838.D

Acq: 3 Jan 2019 23:05

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-D-11-12-B

Tot Ion: 99 Resp: 1790013

Ion Ratio Lower Upper

99 100

42 22.0 17.4 26.0

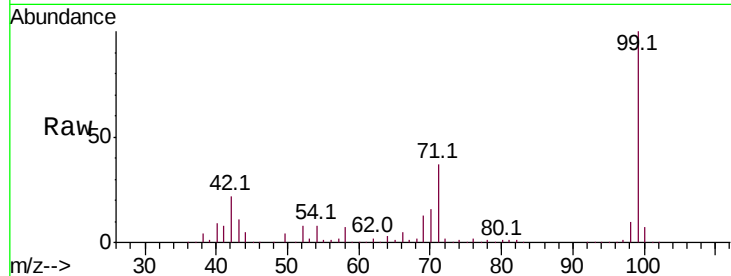
71 36.7 26.1 39.1

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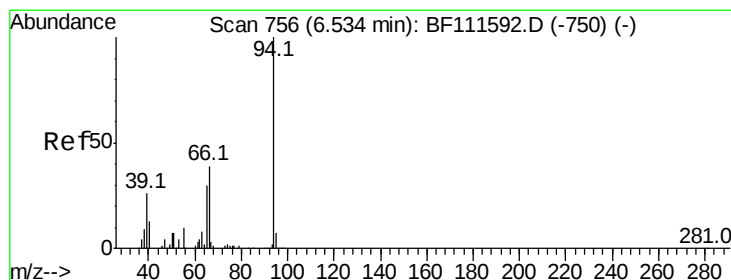
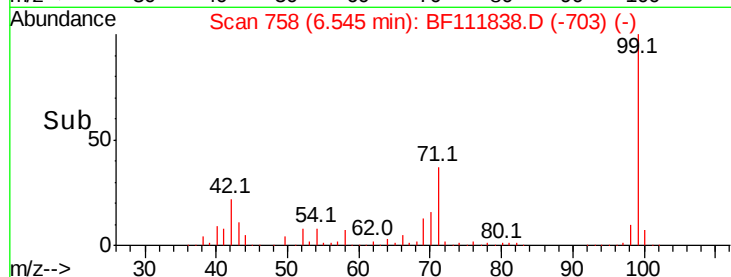
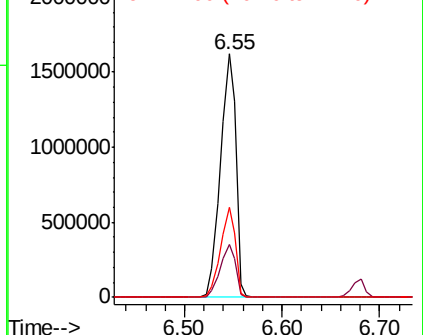
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.046 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF111838.D

Acq: 3 Jan 2019 23:05

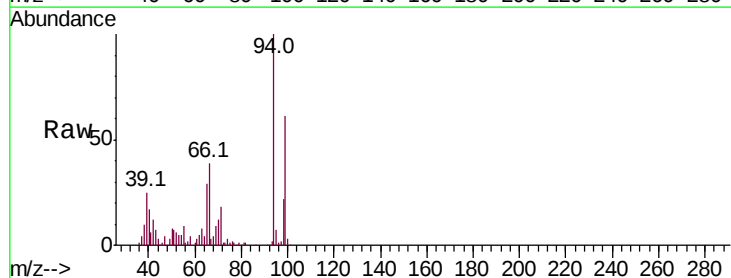
Tgt Ion: 94 Resp: 82102

Ion Ratio Lower Upper

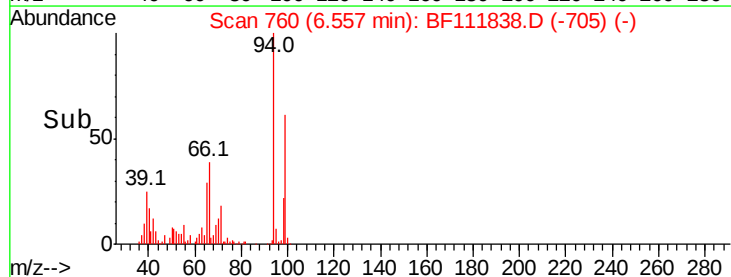
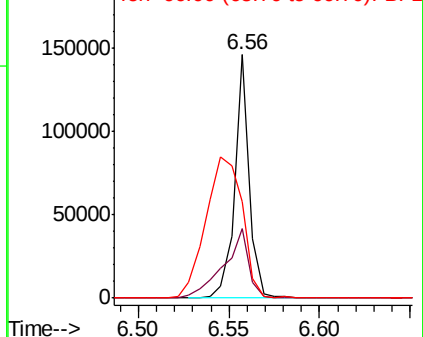
94 100

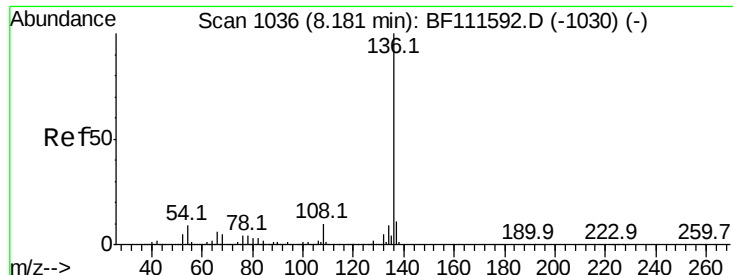
65 28.8 11.7 51.7

66 39.4 21.0 61.0



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





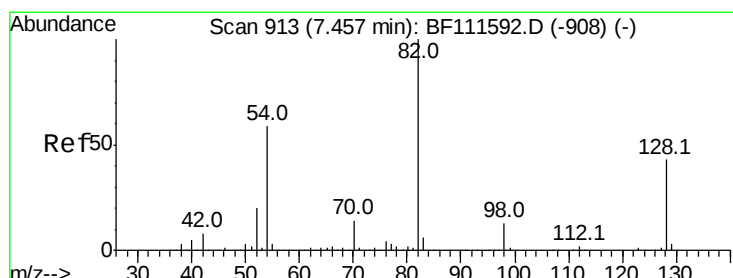
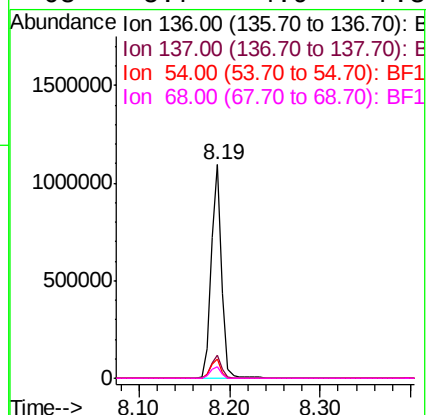
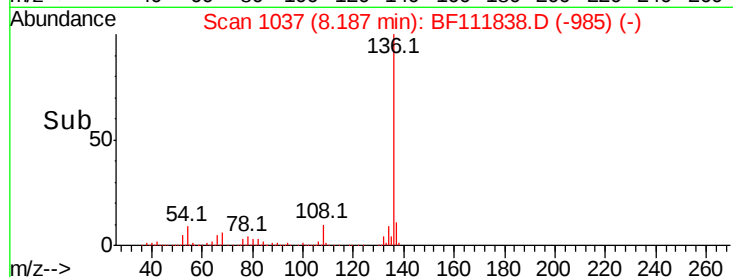
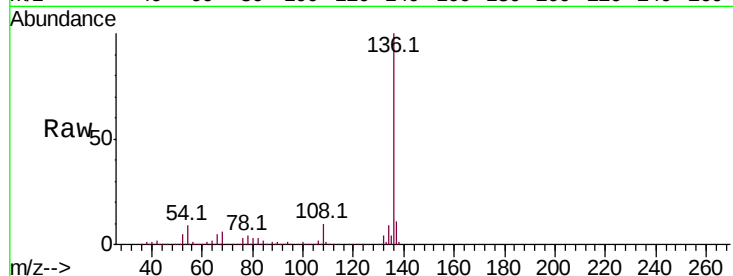
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111838.D
Acq: 3 Jan 2019 23:05

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-D-11-12-B

Tot Ion	Ratio	Resp	Lower	Upper
136	100	889266		
137	10.7		9.1	13.7
54	8.8		7.7	11.5
68	5.7		4.9	7.3

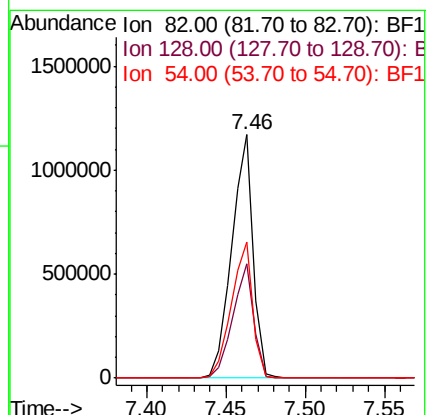
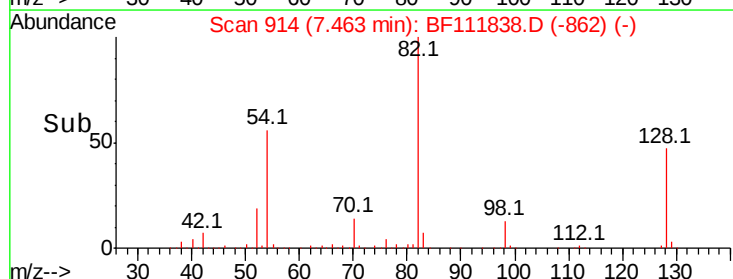
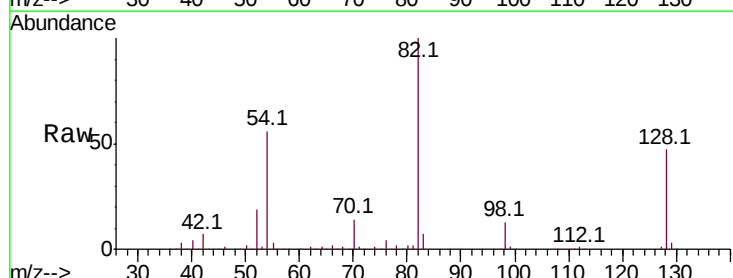
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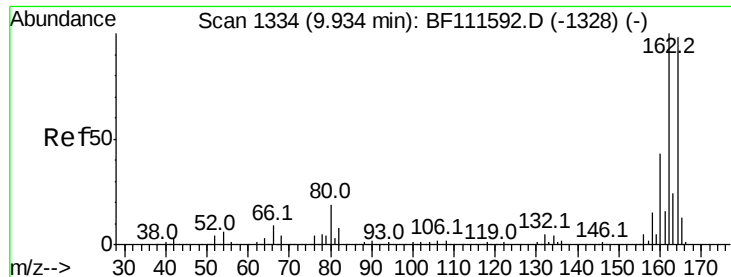
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#23
Nitrobenzene-d5
Concen: 71.305 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111838.D
Acq: 3 Jan 2019 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1089360		
128	46.8		37.4	56.2
54	56.2		47.6	71.4





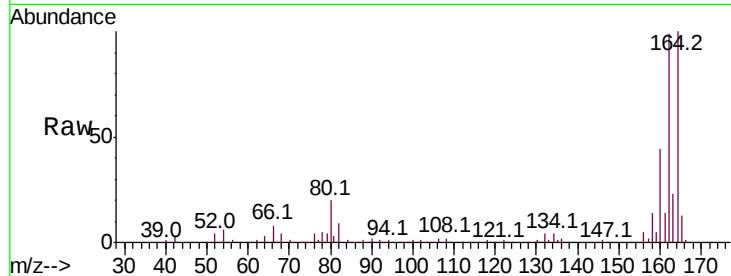
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111838.D
Acq: 3 Jan 2019 23:05

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-D-11-12-B

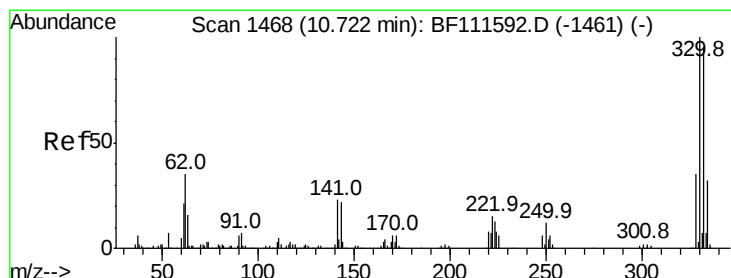
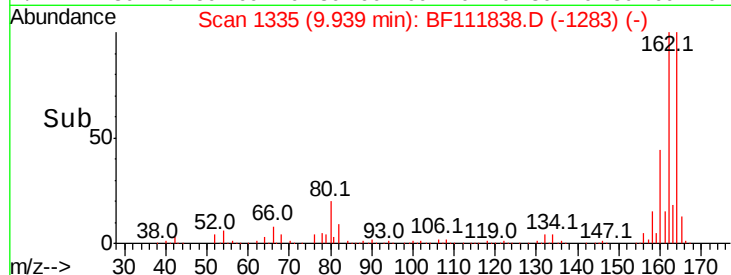
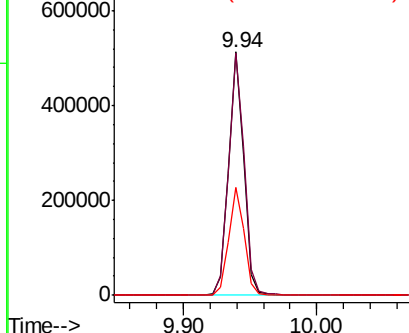
Tot Ion	Ratio	Resp	Lower	Upper
164	100	412337		
162	99.3	81.4	122.0	
160	44.2	35.7	53.5	

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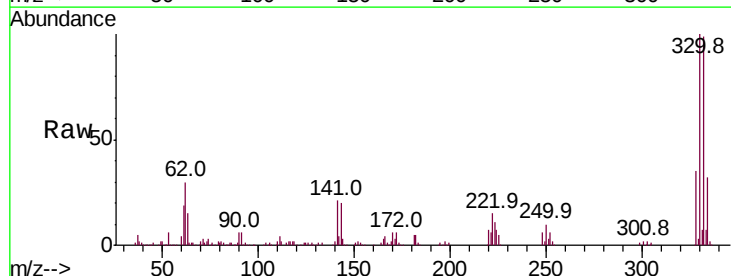


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

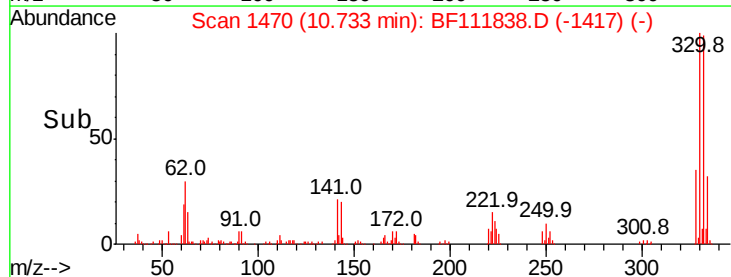
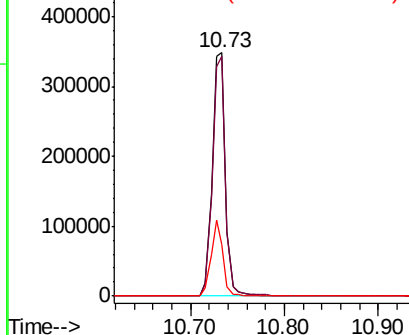


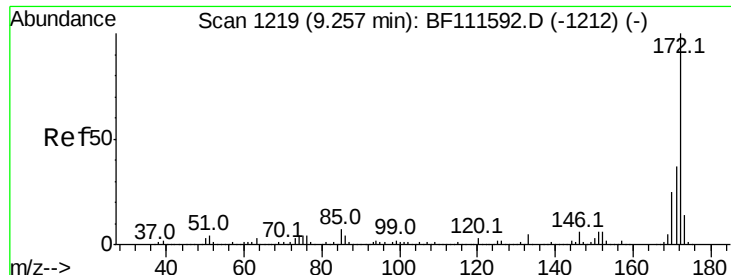
#42
2,4,6-Tribromophenol
Concen: 71.408 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BF111838.D
Acq: 3 Jan 2019 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	347907		
332	97.0	76.0	114.0	
141	28.1	31.0	46.6#	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





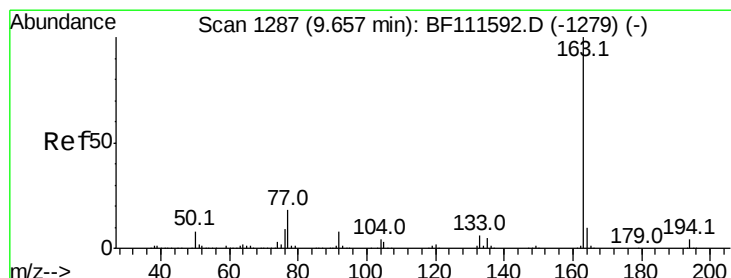
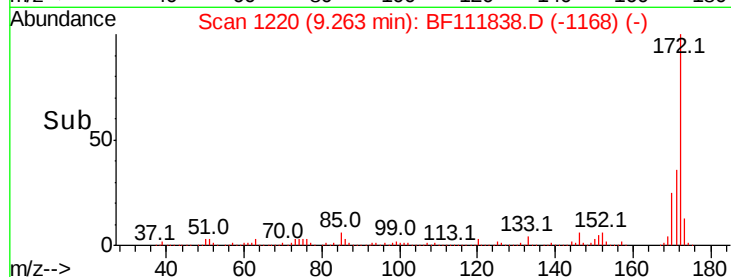
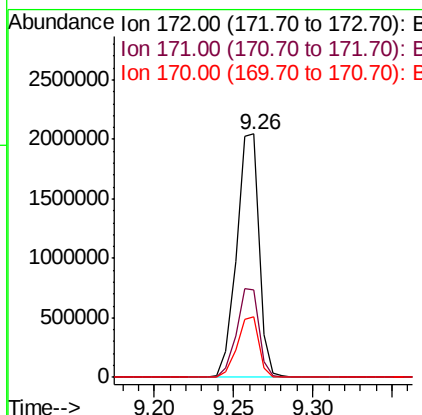
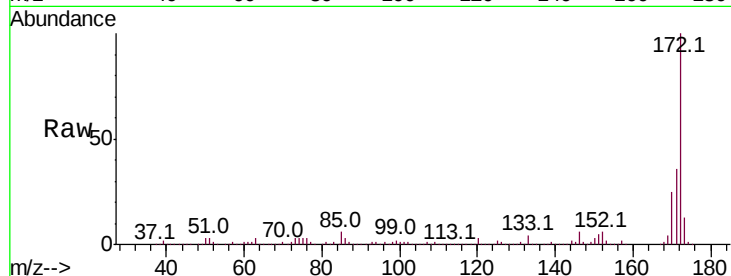
#45
2-Fluorobiphenyl
Concen: 71.339 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111838.D
Acq: 3 Jan 2019 23:05

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-D-11-12-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	33.0	49.4
170	24.8	22.3	33.5

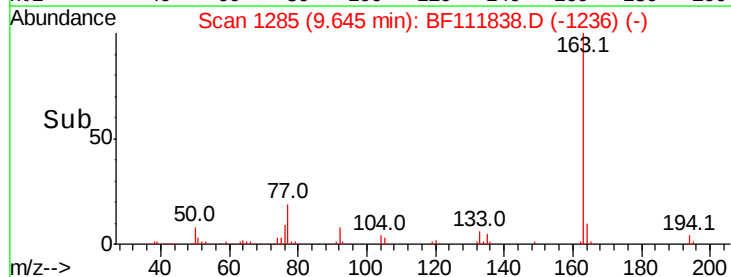
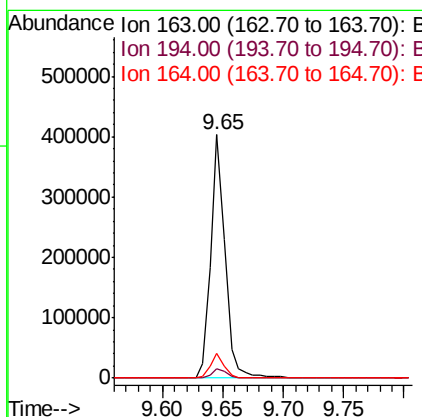
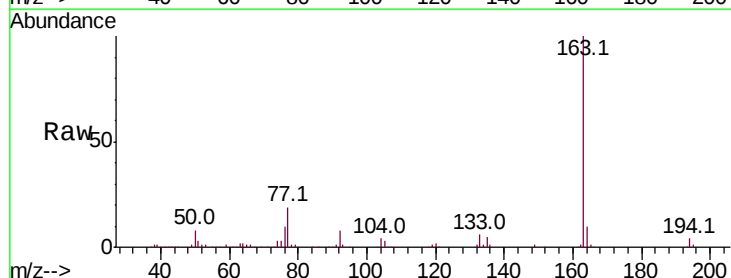
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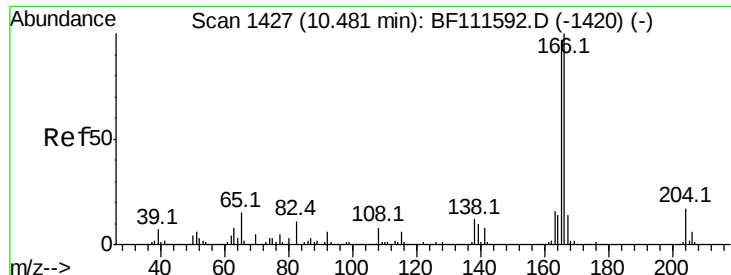
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#50
Dimethylphthalate
Concen: 10.929 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111838.D
Acq: 3 Jan 2019 23:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	9.9	8.9	13.3





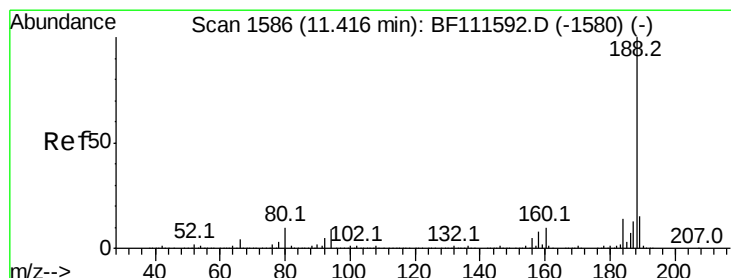
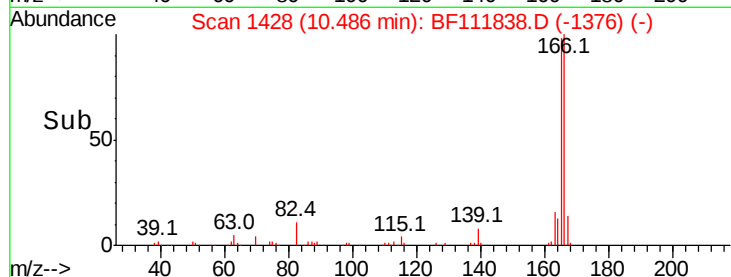
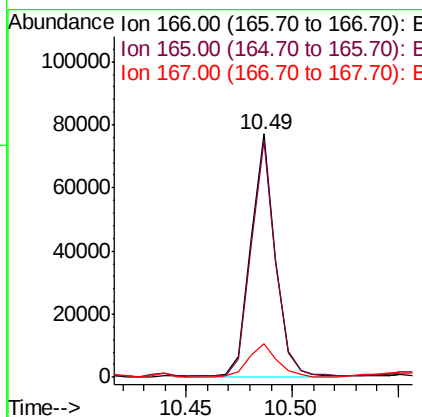
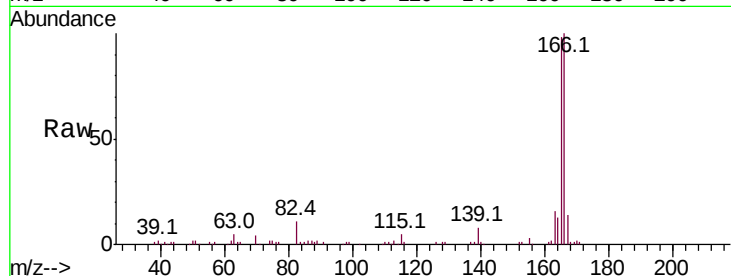
#58
Fluorene
 Concen: 2.330 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: BF111838.D
 Acq: 3 Jan 2019 23:05

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-D-11-12-B

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.4	117.6
167	13.7	11.2	16.8

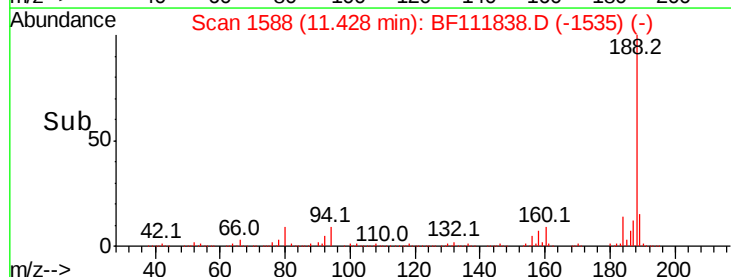
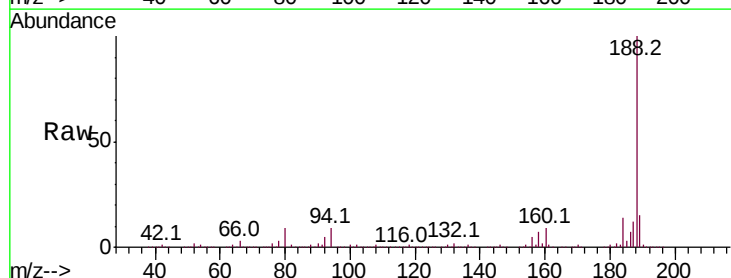
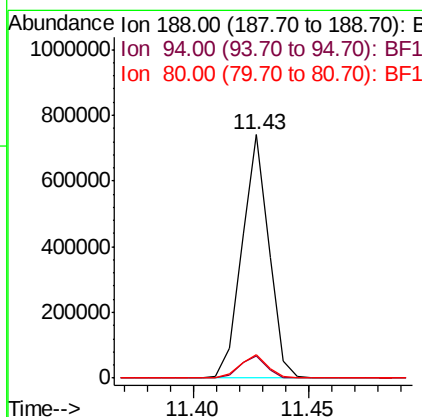
Manual Integrations
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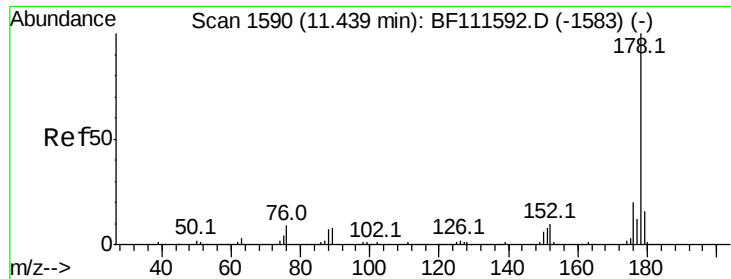
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#64
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF111838.D
 Acq: 3 Jan 2019 23:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.6	14.4#
80	9.4	9.8	14.6#





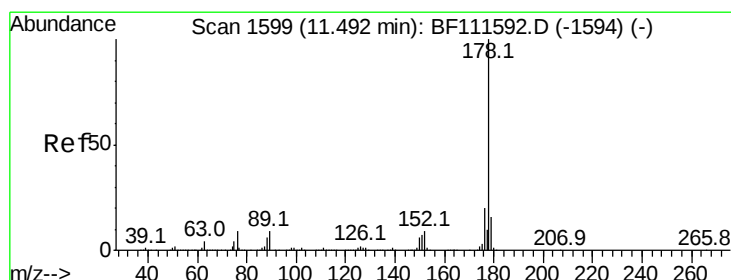
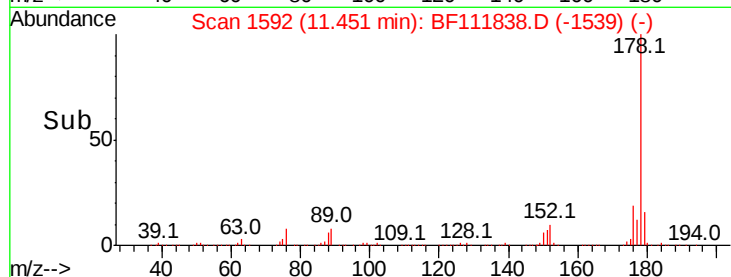
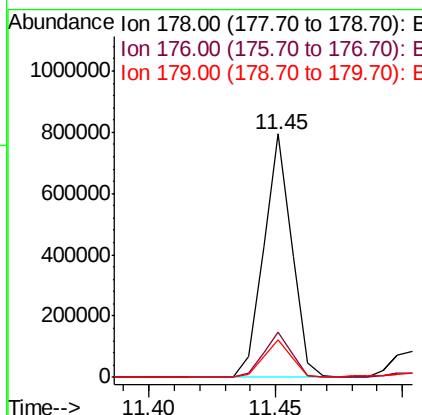
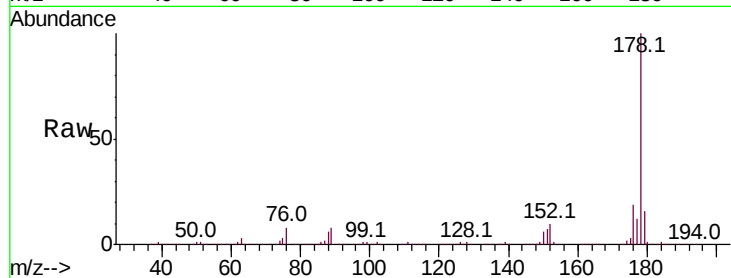
#71
Phenanthrene
Concen: 19.276 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF111838.D
Acq: 3 Jan 2019 23:05

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-D-11-12-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	18.1	27.1
179	15.6	14.0	21.0

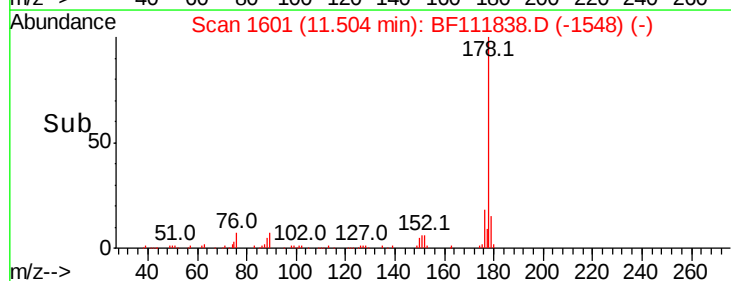
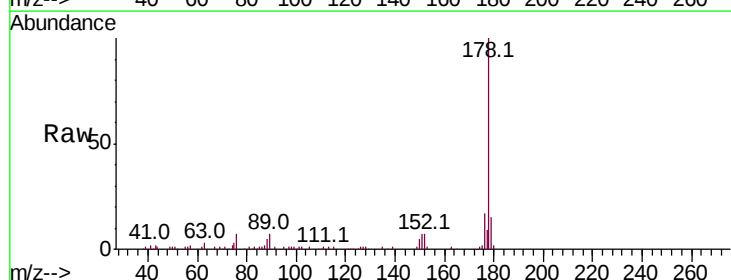
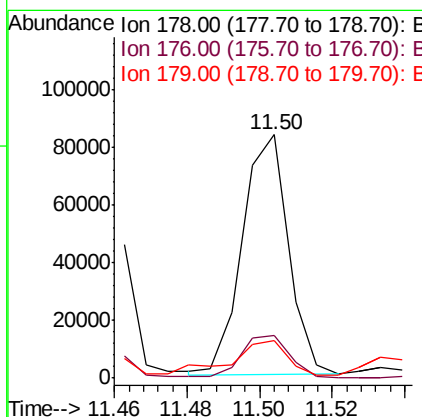
Manual Integrations
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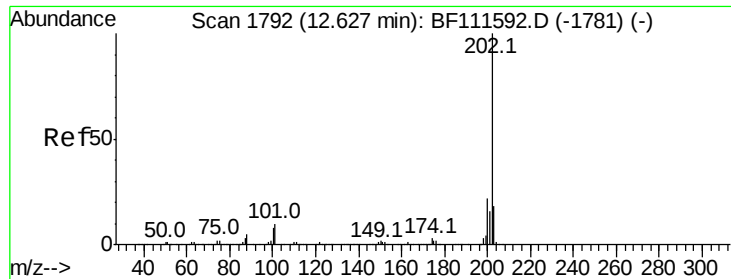
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#72
Anthracene
Concen: 2.287 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF111838.D
Acq: 3 Jan 2019 23:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.5	17.2	25.8
179	15.2	13.8	20.8





#75

Fluoranthene

Concen: 17.074 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF111838.D

Acq: 3 Jan 2019 23:05

Instrument :

BNA_F

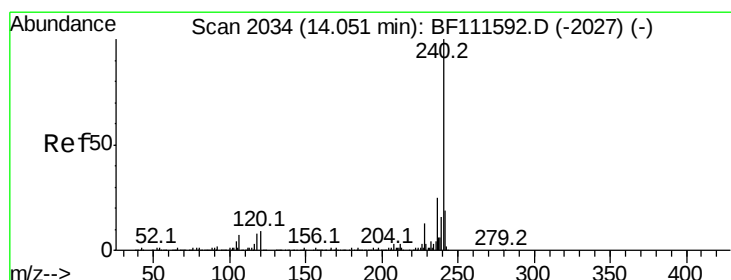
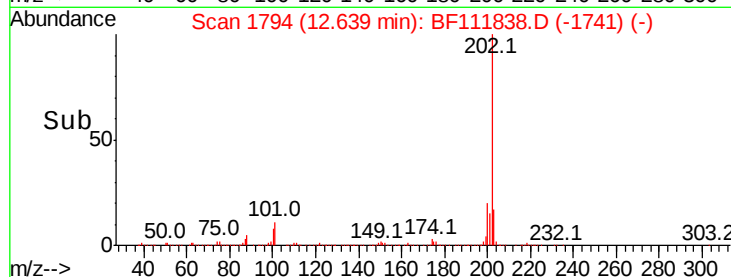
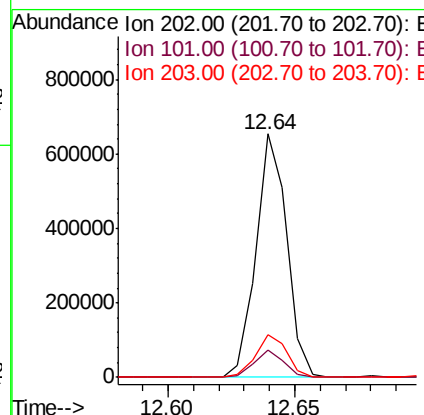
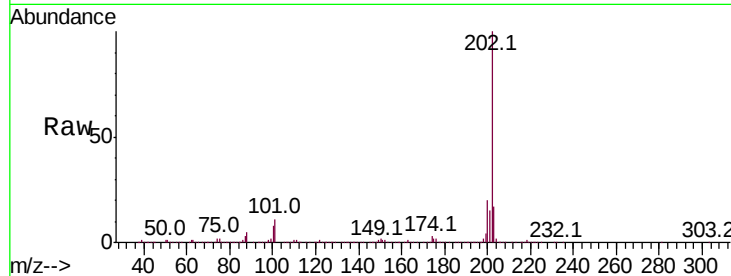
ClientSampleId :

TEST-PIT-D-11-12-B

Tot Ion:	202	Resp:	551474
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	33.8
203	17.4	0.0	38.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

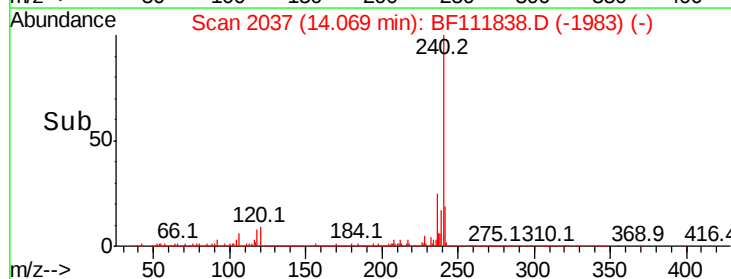
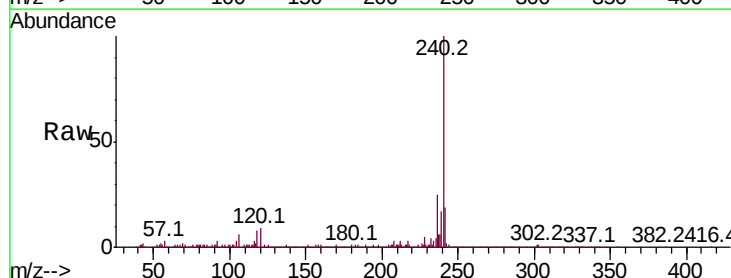
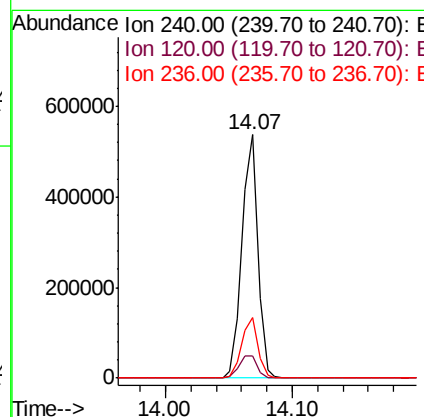
RT: 14.07 min Scan# 2037

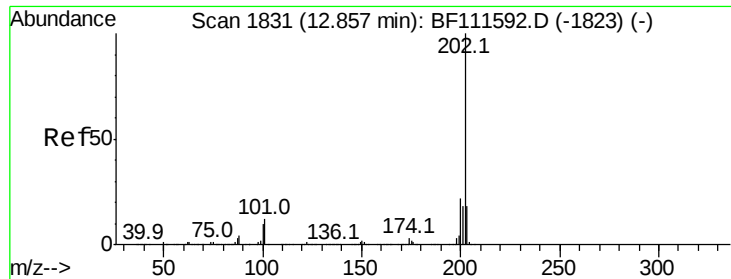
Delta R.T. 0.02 min

Lab File: BF111838.D

Acq: 3 Jan 2019 23:05

Tgt Ion:	240	Resp:	458319
Ion Ratio	Lower	Upper	
240	100		
120	9.0	12.2	18.2#
236	25.0	20.2	30.2





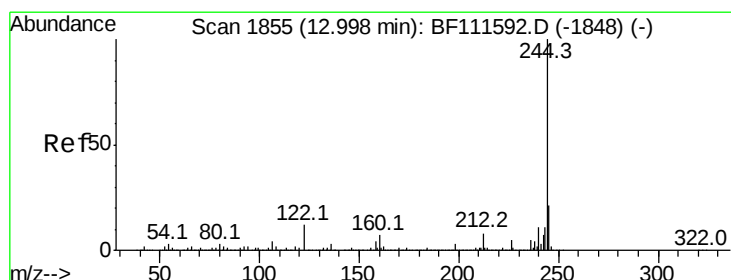
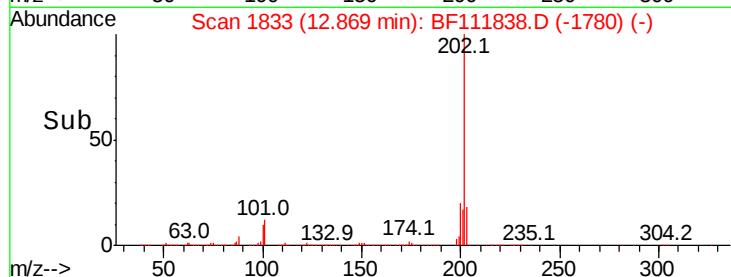
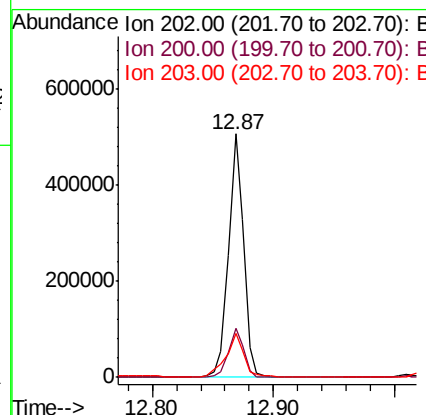
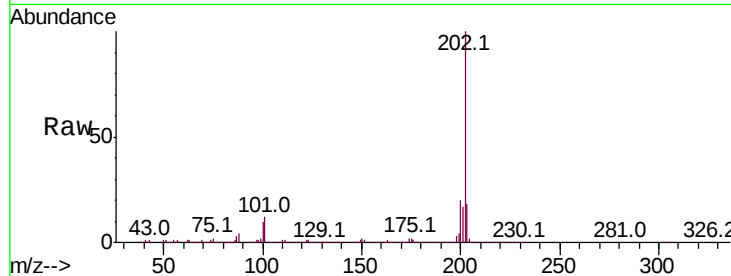
#78
Pvrene
Concen: 13.427 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF111838.D
Acq: 3 Jan 2019 23:05

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-D-11-12-B

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	19.0	28.4
203	17.8	15.2	22.8

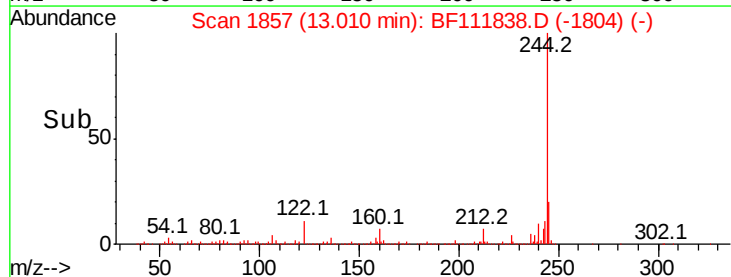
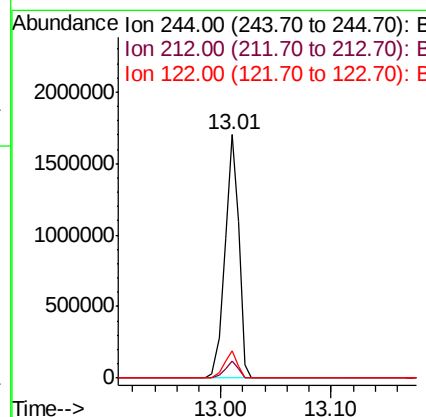
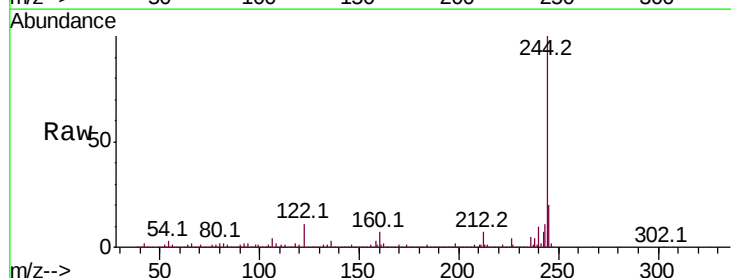
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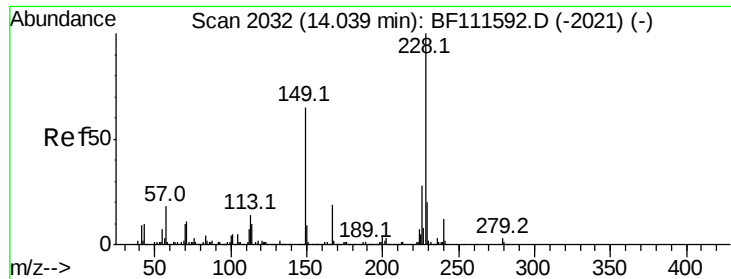
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#79
Terphenyl-d14
Concen: 61.364 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF111838.D
Acq: 3 Jan 2019 23:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	11.0	13.1	19.7





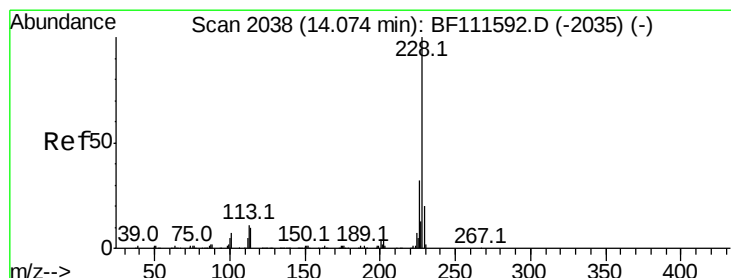
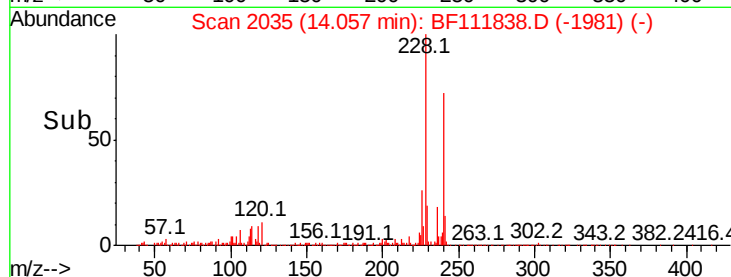
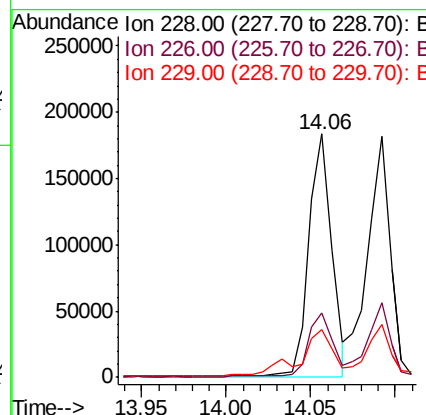
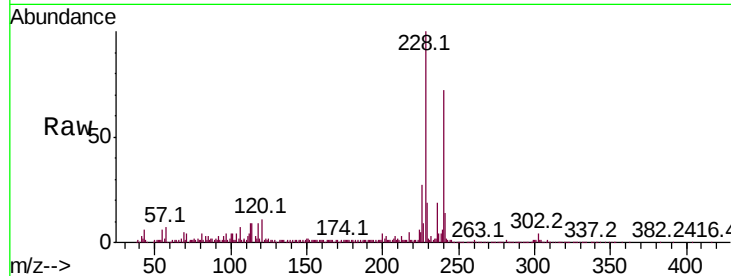
#81
Benzo(a)anthracene
Concen: 6.607 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF111838.D
Acq: 3 Jan 2019 23:05

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-D-11-12-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.6	34.0
229	19.4	16.3	24.5

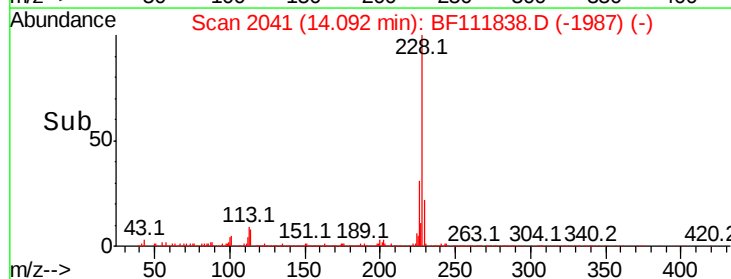
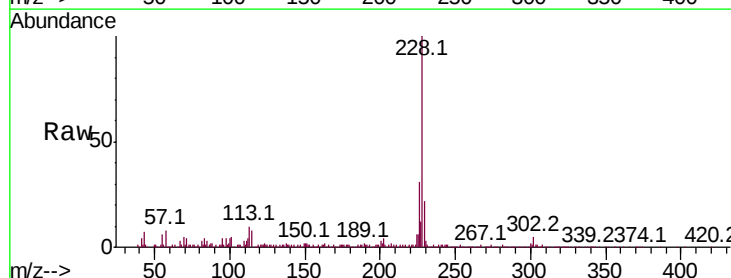
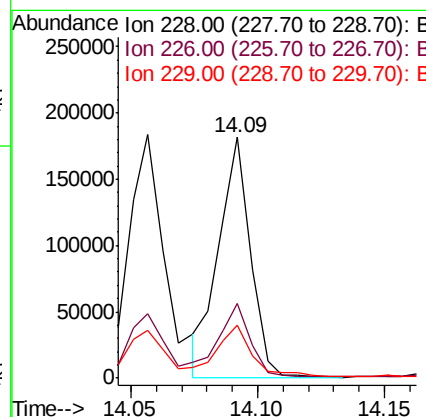
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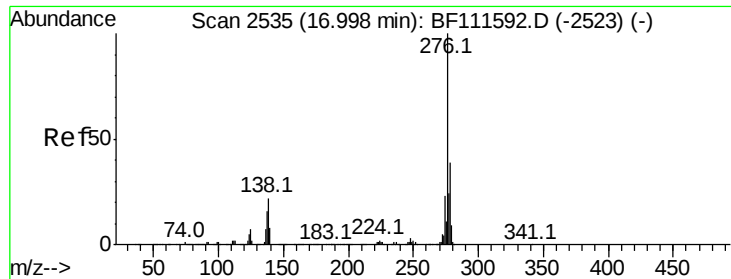
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#83
Chrysene
Concen: 6.157 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.02 min
Lab File: BF111838.D
Acq: 3 Jan 2019 23:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.3	37.9
229	22.0	17.2	25.8





#86

Indeno(1,2,3-cd)pyrene

Concen: 2.148 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.05 min

Lab File: BF111838.D

Acq: 3 Jan 2019 23:05

Instrument :

BNA_F

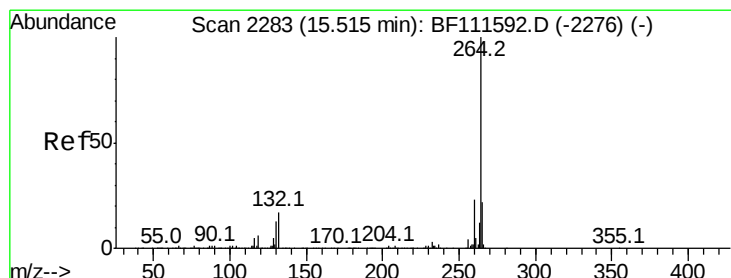
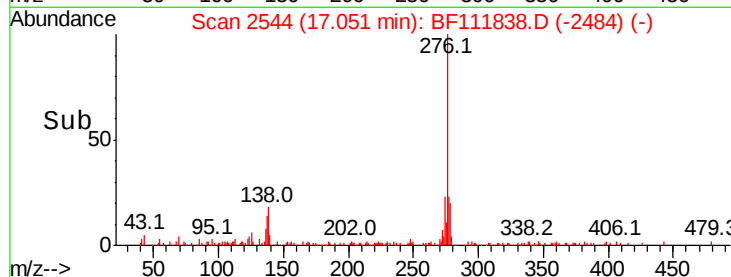
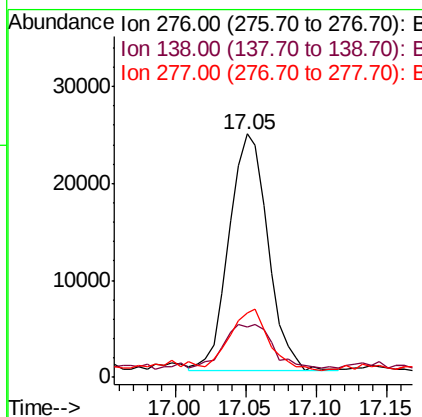
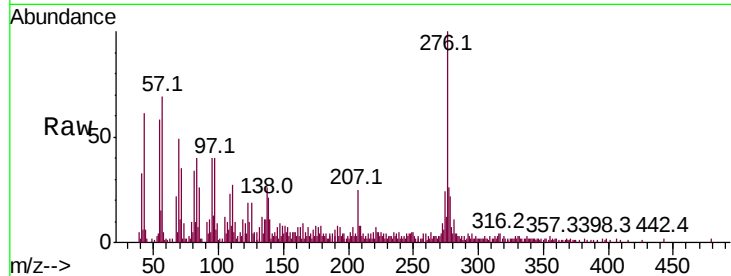
ClientSampleId :

TEST-PIT-D-11-12-B

Tot Ion:	276	Resp:	46944
Ion Ratio	Lower	Upper	
276	100		
138	23.1	27.8	41.6#
277	26.3	20.1	30.1

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#87

Perylene-d12

Concen: 20.000 ng

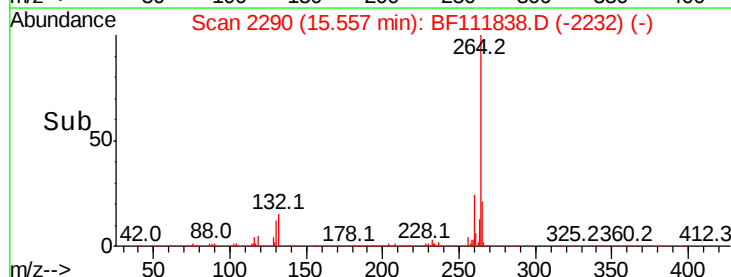
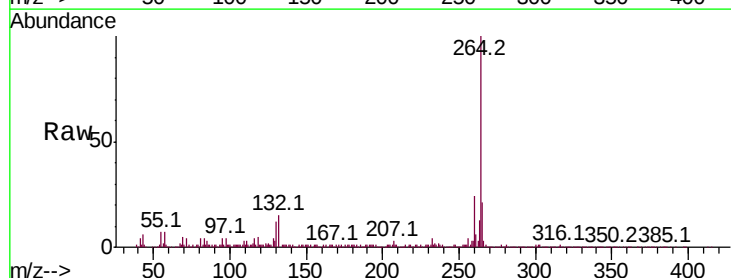
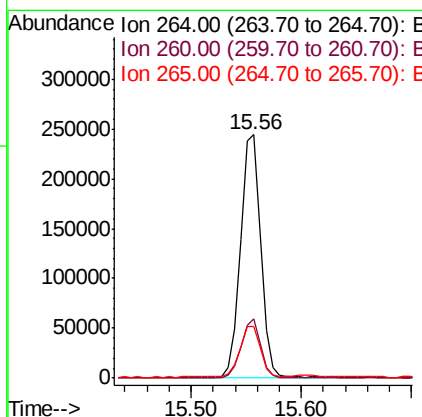
RT: 15.56 min Scan# 2290

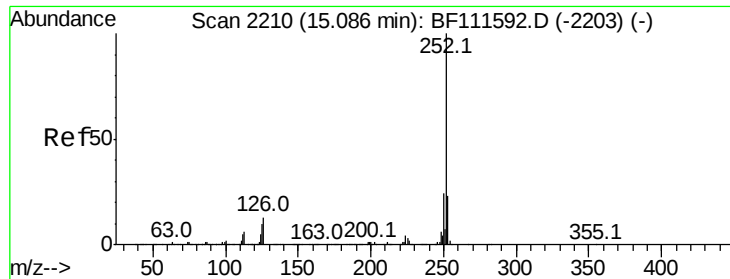
Delta R.T. 0.04 min

Lab File: BF111838.D

Acq: 3 Jan 2019 23:05

Tgt Ion:	264	Resp:	315509
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.3	27.5
265	21.4	17.7	26.5





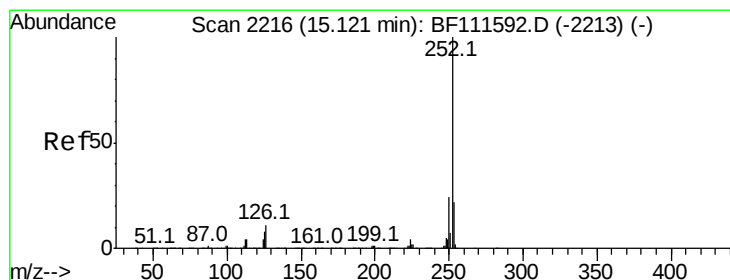
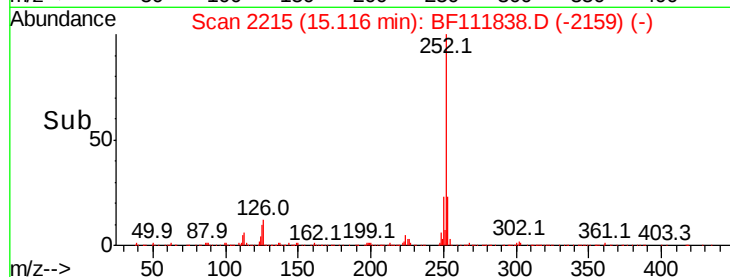
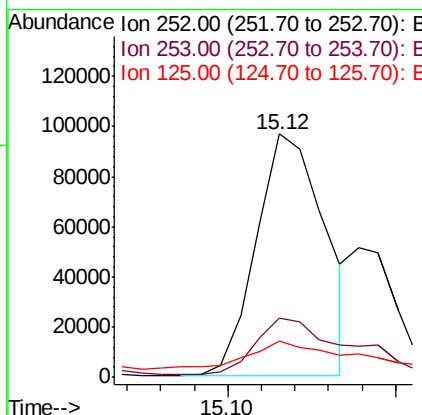
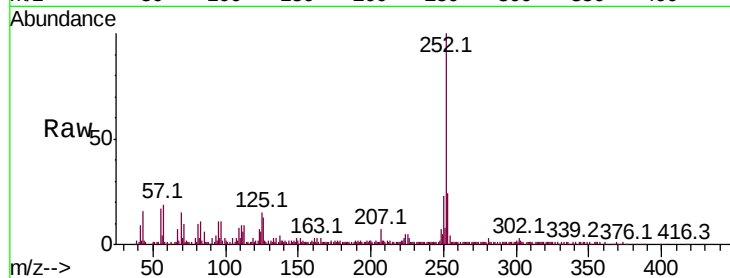
#88
Benzo(b)fluoranthene
Concen: 7.433 ng m
RT: 15.12 min Scan# 2215
Delta R.T. 0.03 min
Lab File: BF111838.D
Acq: 3 Jan 2019 23:05

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-D-11-12-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.2
125	14.8	10.4	15.6

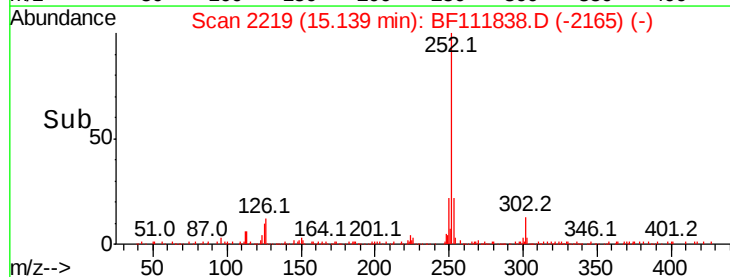
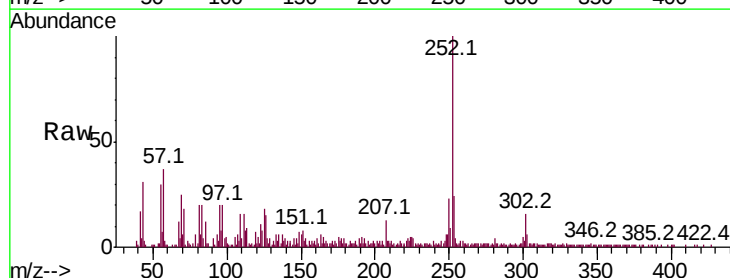
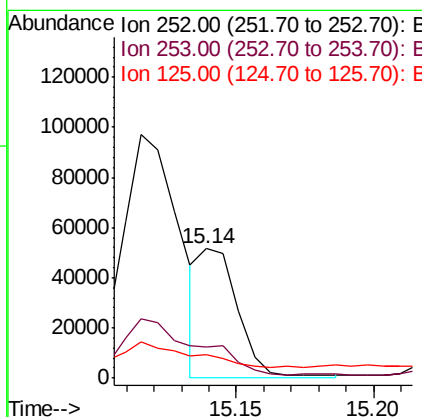
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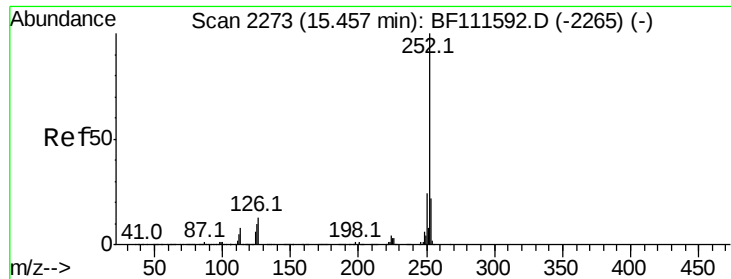
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#89
Benzo(k)fluoranthene
Concen: 2.832 ng m
RT: 15.14 min Scan# 2219
Delta R.T. 0.02 min
Lab File: BF111838.D
Acq: 3 Jan 2019 23:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.1	27.1
125	18.0	9.8	14.8





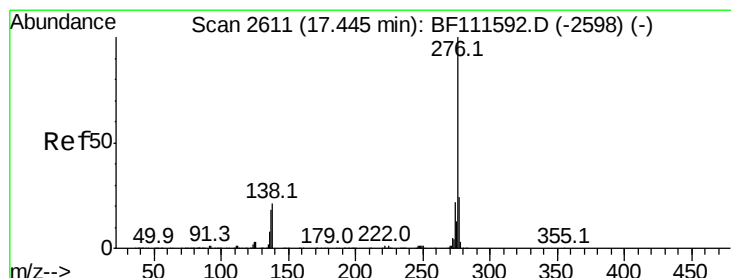
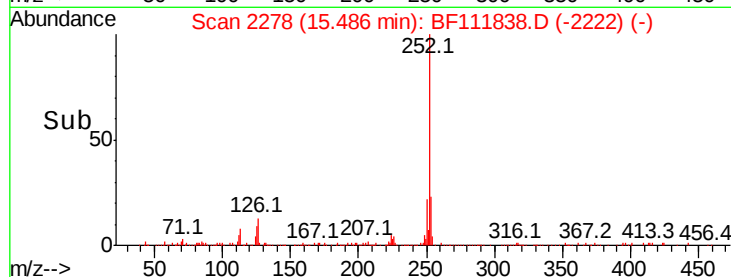
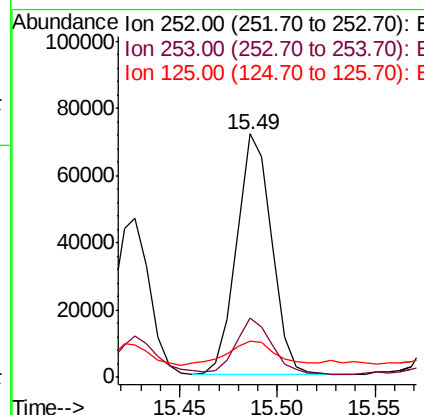
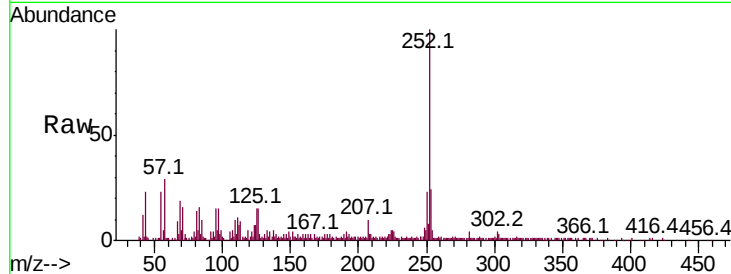
#90
Benzo(a)pyrene
Concen: 5.345 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.03 min
Lab File: BF111838.D
Acq: 3 Jan 2019 23:05

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-D-11-12-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	15.1	12.3	18.5

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.991 ng
RT: 17.50 min Scan# 2621
Delta R.T. 0.06 min
Lab File: BF111838.D
Acq: 3 Jan 2019 23:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.2	28.8
138	24.0	24.9	37.3

