

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
 Data File : BF113563.D
 Acq On : 4 Apr 2019 00:47
 Operator : JU/SJ
 Sample : K2196-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-040119

Manual Integrations
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 4/4/2019 10:57:57 AM

Quant Time: Apr 04 06:05:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	119839	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	400578	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	173202	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	347923	20.00	ng	0.00
76) Chrysene-d12	13.84	240	326077	20.00	ng	0.00
87) Perylene-d12	15.25	264	240530	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	471120	67.04	ng	0.00
7) Phenol-d6	6.33	99	604295	69.77	ng	-0.01
23) Nitrobenzene-d5	7.25	82	345207	50.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	146541	70.43	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	628381	58.41	ng	0.00
79) Terphenyl-d14	12.79	244	756861	47.26	ng	0.00
Target Compounds						
32) Benzoic acid	7.75	122	13981	3.332	ng	Qvalue # 73
50) Dimethylphthalate	9.44	163	40904	3.204	ng	# 98
71) Phenanthrene	11.23	178	83824	4.849	ng	97
75) Fluoranthene	12.42	202	201352	10.869	ng	98
78) Pyrene	12.64	202	230965	9.309	ng	98
81) Benzo(a)anthracene	13.83	228	101725	5.408	ng	98
83) Chrysene	13.86	228	112734	5.912	ng	97
86) Indeno(1,2,3-cd)pyrene	16.62	276	47530	2.700	ng	98
88) Benzo(b)fluoranthene	14.86	252	118843m	8.072	ng	
89) Benzo(k)fluoranthene	14.88	252	27341m	2.069	ng	
90) Benzo(a)pyrene	15.20	252	75692	5.785	ng	# 92
92) Benzo(g,h,i)perylene	17.04	276	54680	4.379	ng	94

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

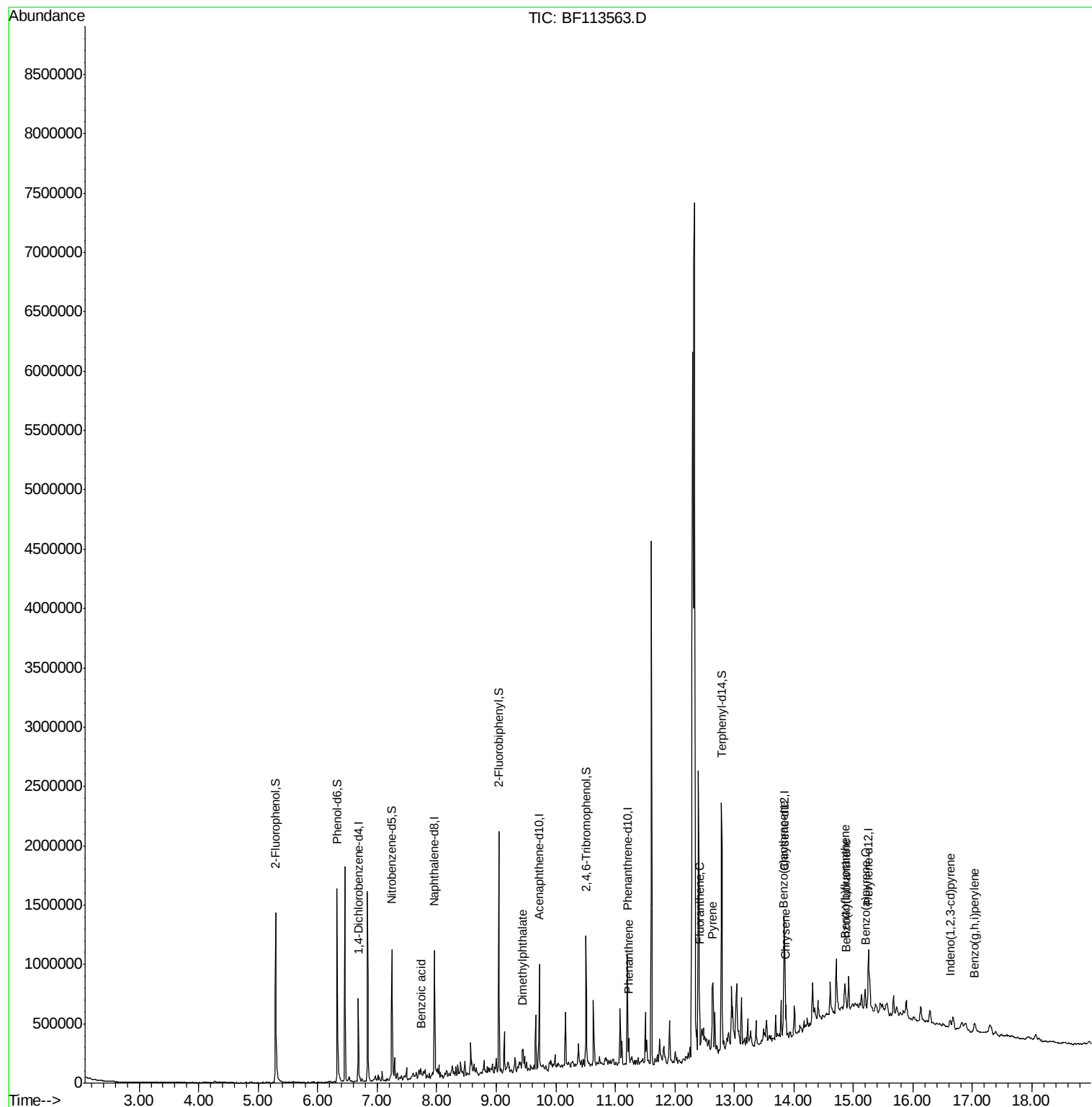
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
Data File : BF113563.D
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Sample : K2196-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

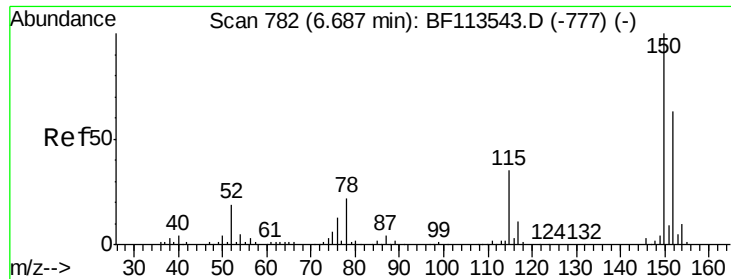
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

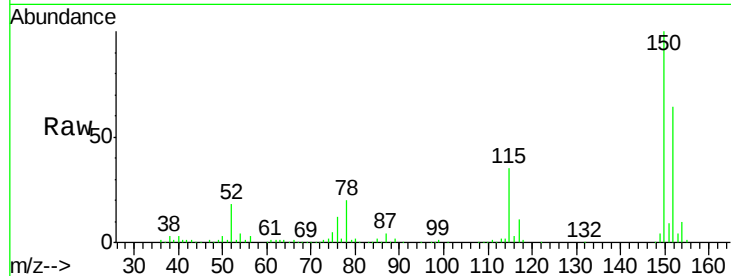
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF113563.D
Acq: 4 Apr 2019 00:47

Instrument :
BNA_F
ClientSampleId :
HD-01-040119

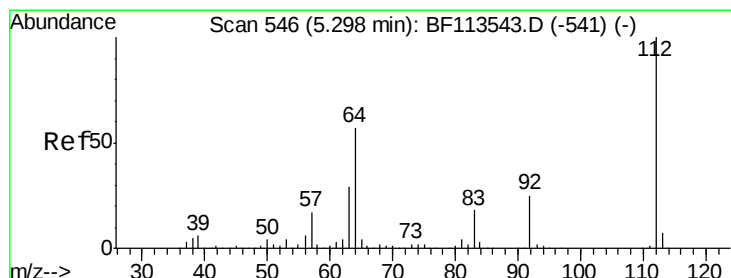
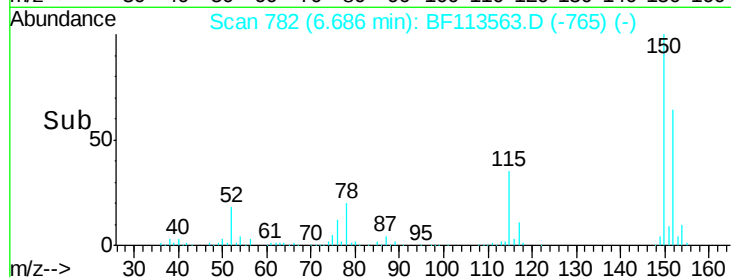
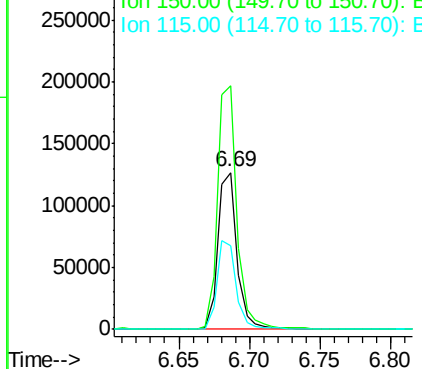
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.7	187.1
115	53.6	46.0	69.0

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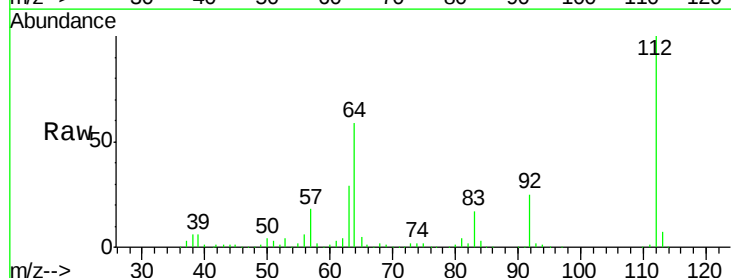
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



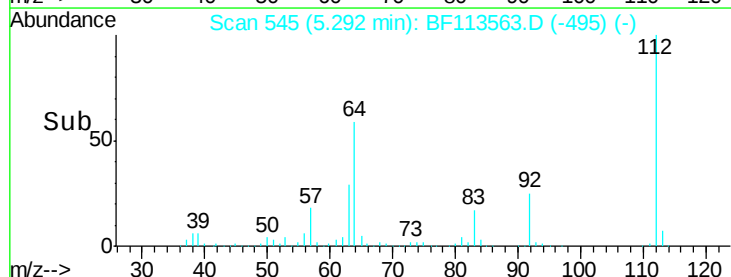
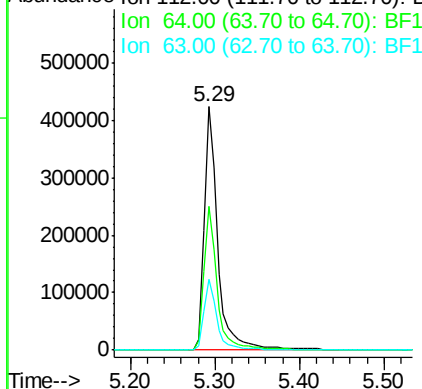
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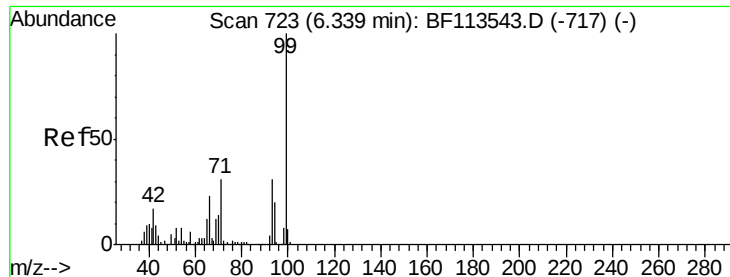
2-Fluorophenol
Concen: 67.037 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113563.D
Acq: 4 Apr 2019 00:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	49.2	73.8
63	29.0	24.9	37.3



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: 69.766 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113563.D

Acq: 4 Apr 2019 00:47

Instrument :

BNA_F

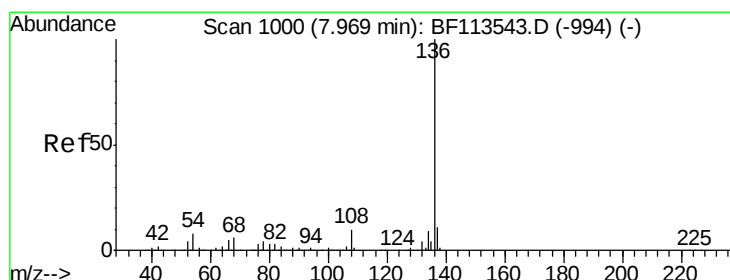
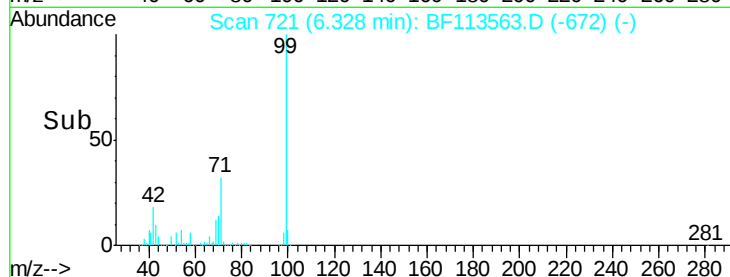
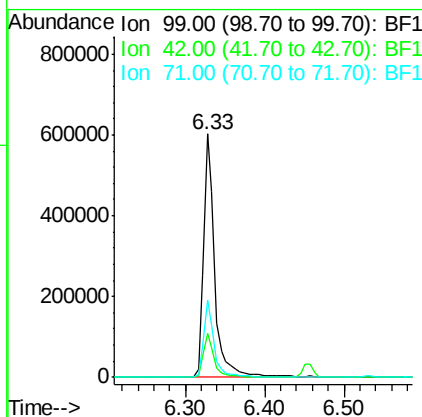
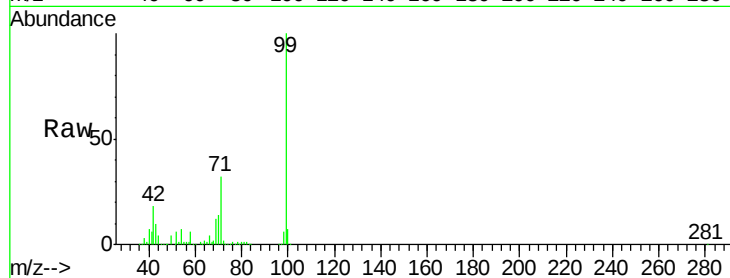
ClientSampleId :

HD-01-040119

Tgt Ion:	99	Resp:	604295
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.8	22.2
71	31.7	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.000 ng

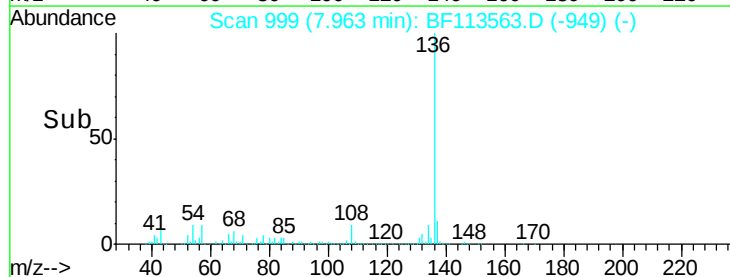
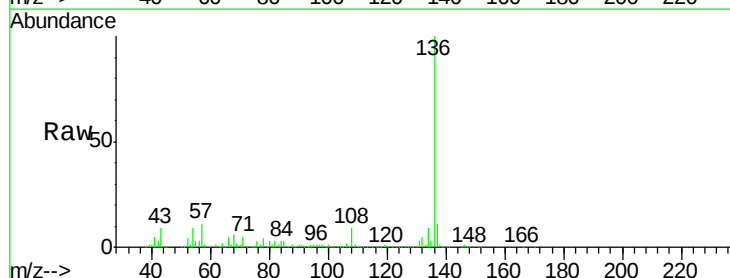
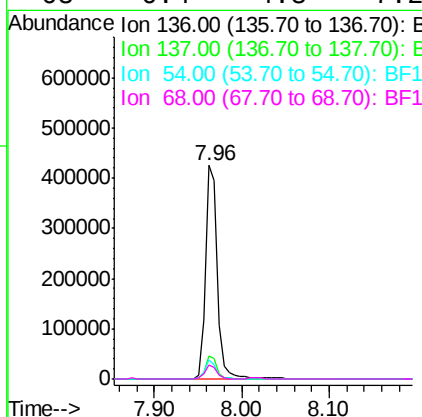
RT: 7.96 min Scan# 999

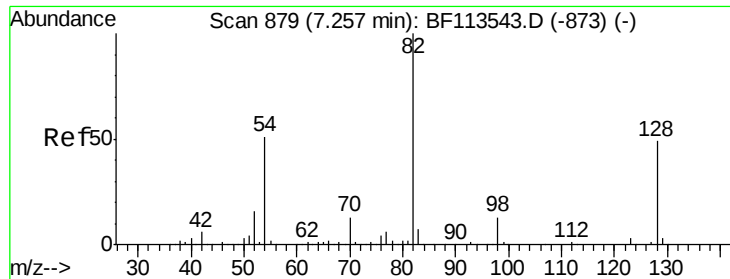
Delta R.T. -0.01 min

Lab File: BF113563.D

Acq: 4 Apr 2019 00:47

Tgt Ion:	136	Resp:	400578
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	8.9	7.0	10.6
68	6.4	4.8	7.2





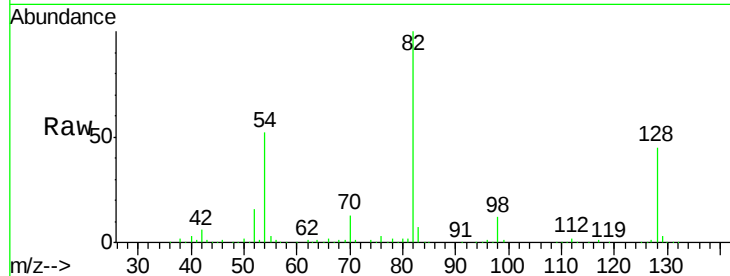
#23
Nitrobenzene-d5
Concen: 50.479 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113563.D
Acq: 4 Apr 2019 00:47

Instrument :
BNA_F
ClientSampleId :
HD-01-040119

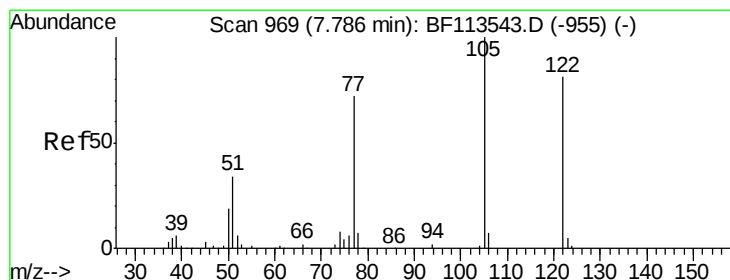
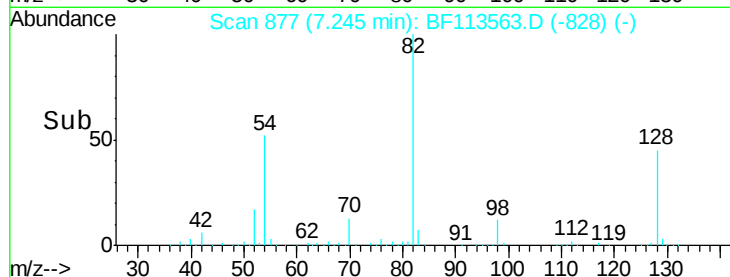
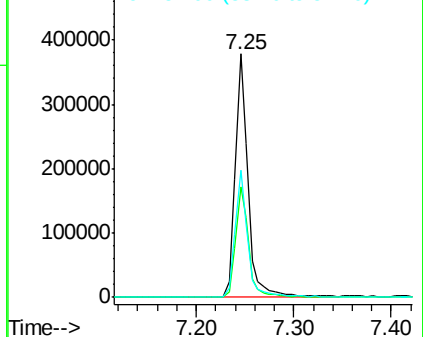
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	345207		
128	45.4	36.5	54.7	
54	52.2	42.2	63.2	

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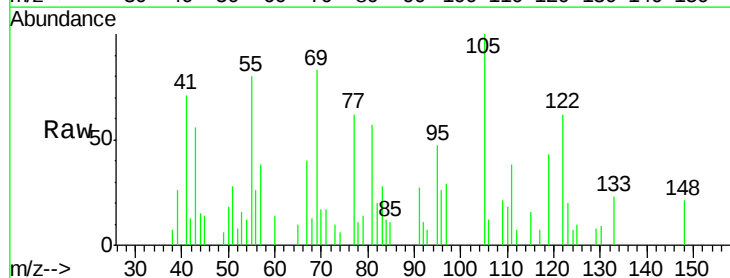


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

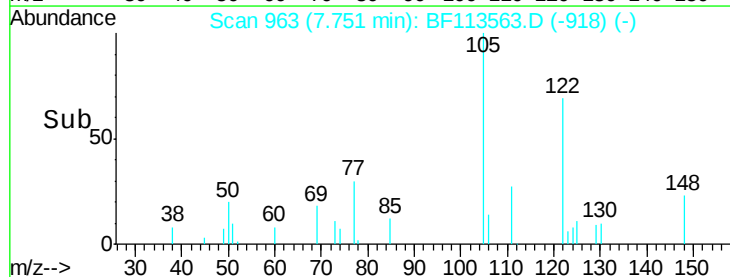
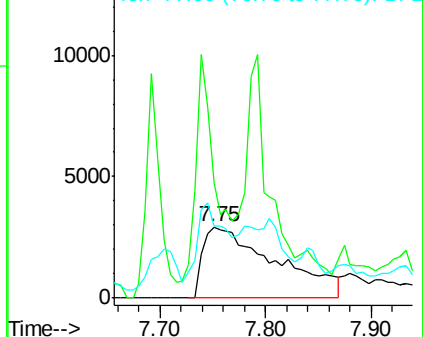


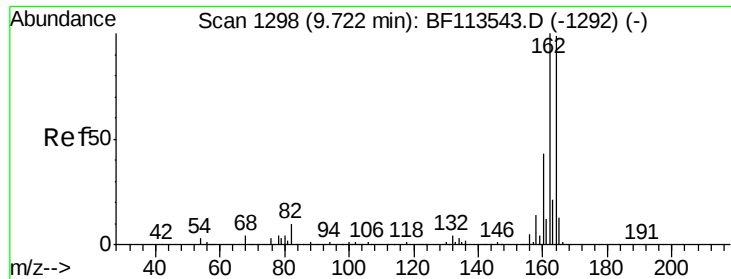
#32
Benzoic acid
Concen: 3.332 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.04 min
Lab File: BF113563.D
Acq: 4 Apr 2019 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	13981		
105	161.9	100.4	140.4#	
77	101.0	69.0	109.0	



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





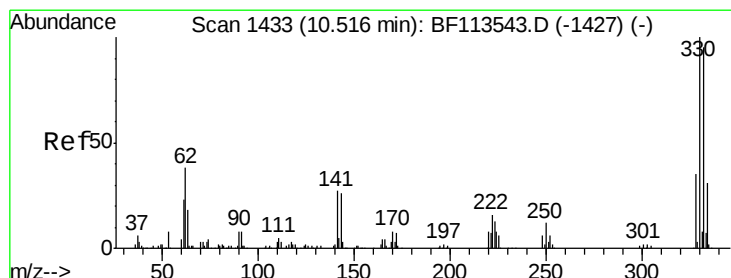
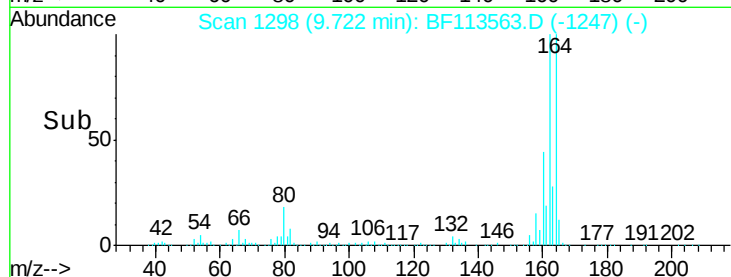
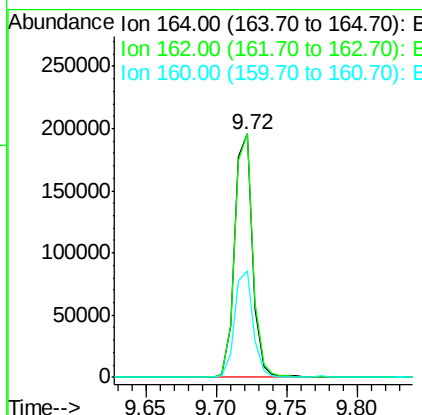
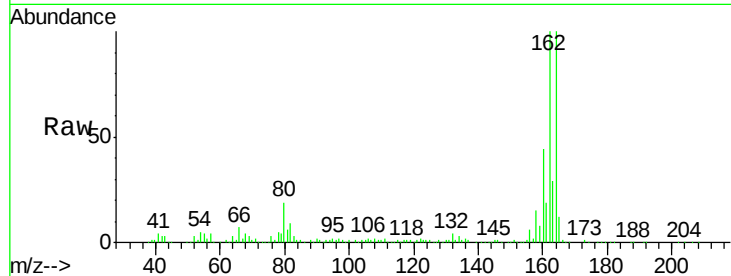
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BF113563.D
 Acq: 4 Apr 2019 00:47

Instrument :
 BNA_F
 ClientSampleID :
 HD-01-040119

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.1	173202	81.8	122.6
160	43.9		36.4	54.6

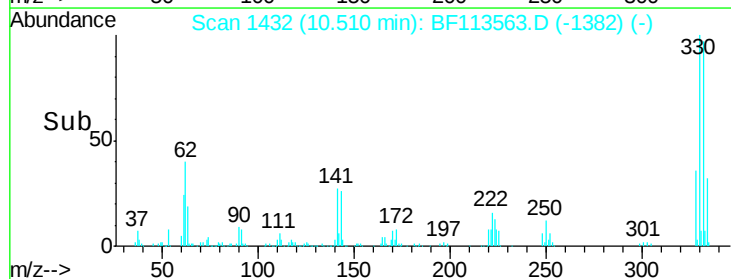
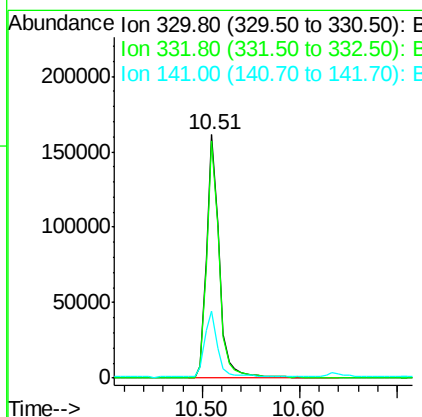
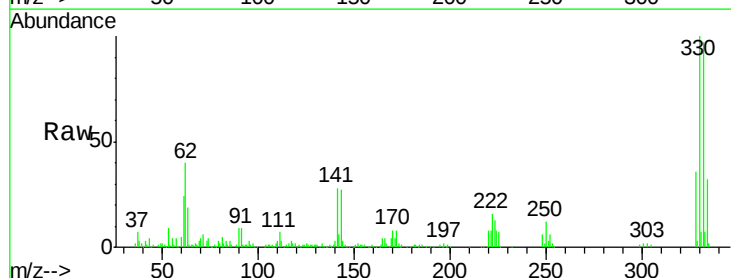
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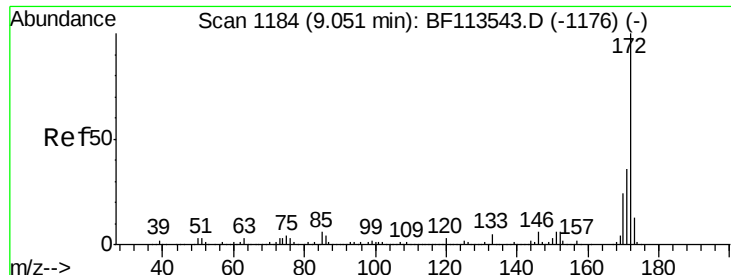
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#42
 2,4,6-Tribromophenol
 Concen: 70.433 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF113563.D
 Acq: 4 Apr 2019 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	146541		
332	96.9		77.8	116.6
141	27.7		22.7	34.1





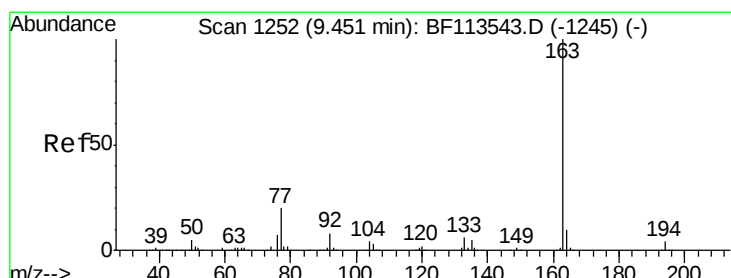
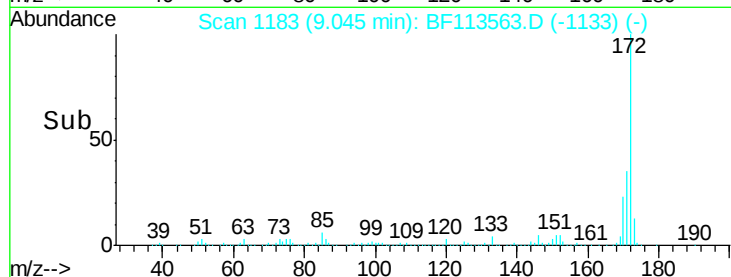
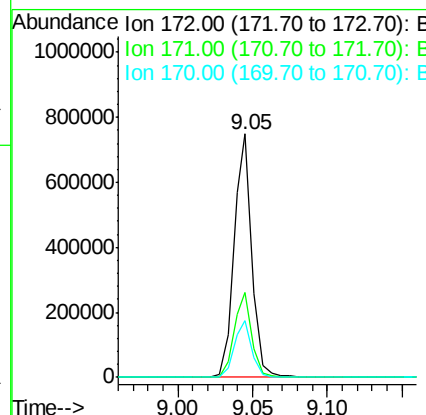
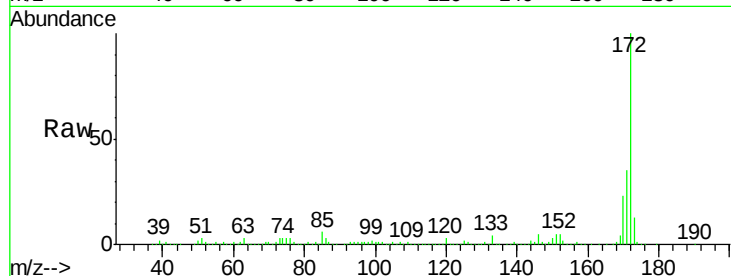
#45
2-Fluorobiphenyl
Concen: 58.407 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF113563.D
Acq: 4 Apr 2019 00:47

Instrument :
BNA_F
ClientSampleId :
HD-01-040119

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	628381		
171	35.0	29.0	43.6	
170	23.4	19.5	29.3	

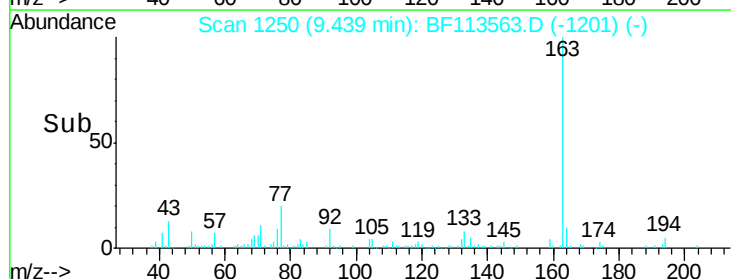
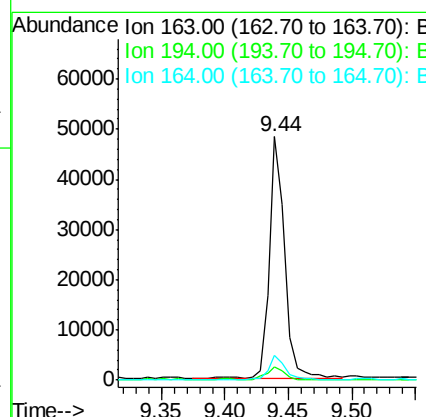
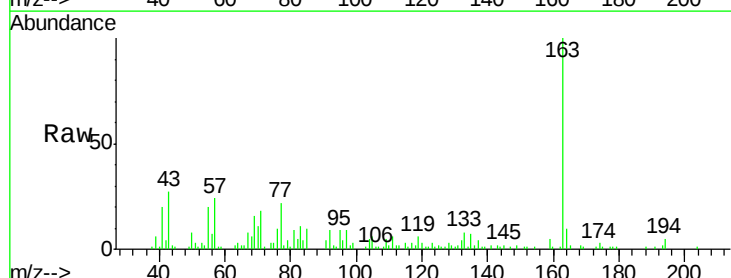
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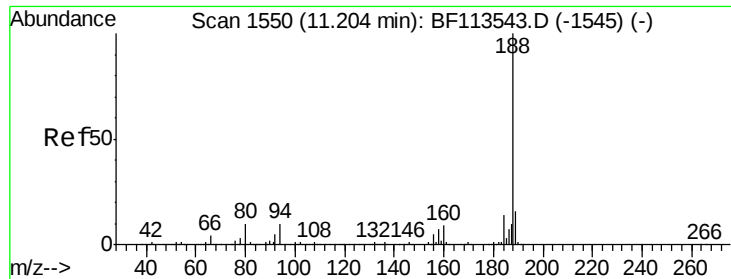
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#50
Dimethylphthalate
Concen: 3.204 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF113563.D
Acq: 4 Apr 2019 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	40904		
194	5.3	3.0	4.6#	
164	10.3	8.1	12.1	





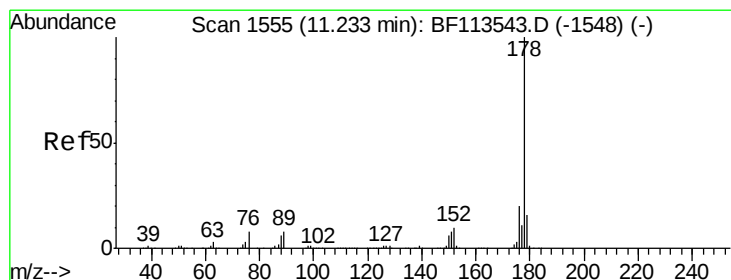
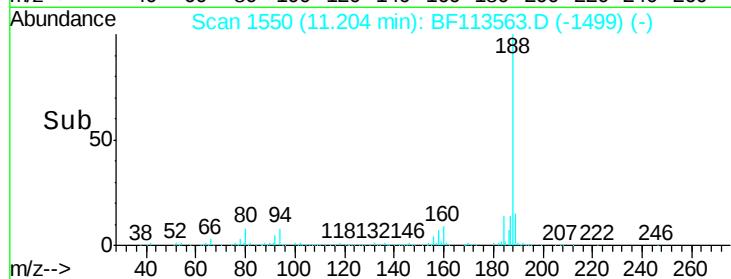
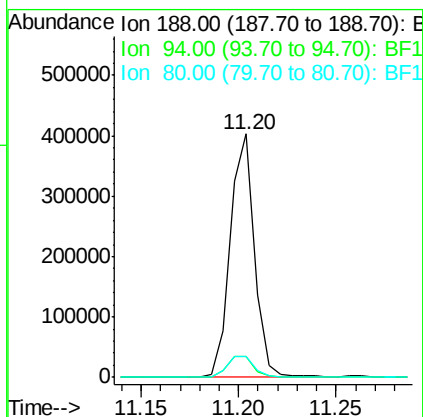
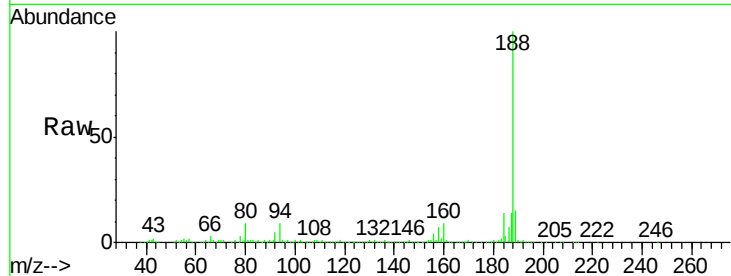
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF113563.D
Acq: 4 Apr 2019 00:47

Instrument :
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HD-01-040119

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	347923		
94	8.6	7.0	10.6	
80	8.5	7.7	11.5	

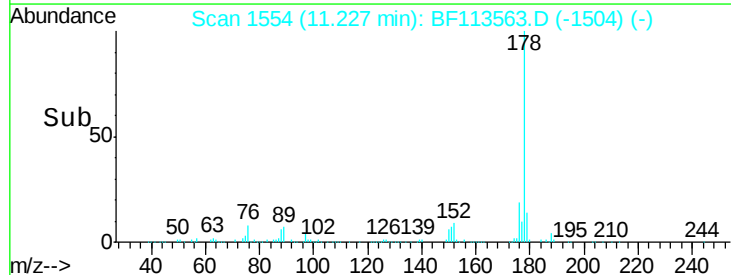
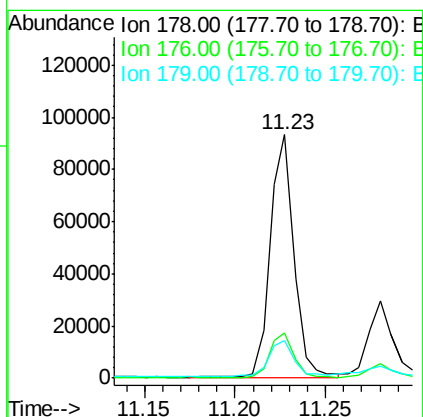
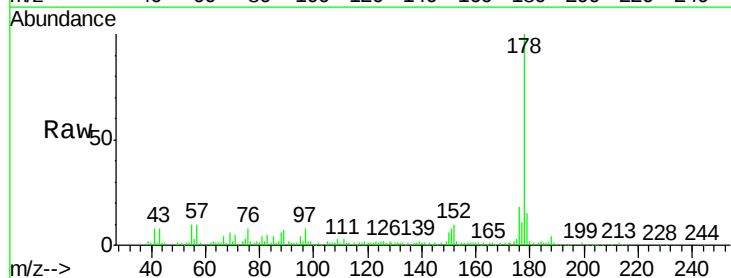
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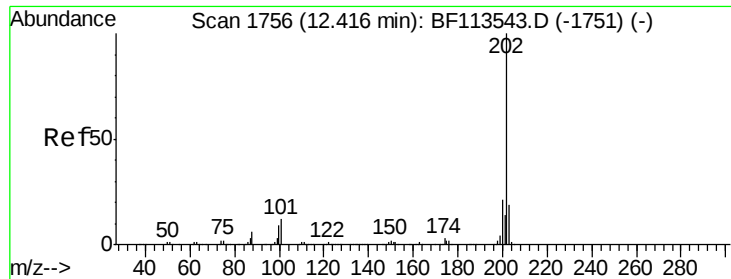
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#71
Phenanthrene
Concen: 4.849 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF113563.D
Acq: 4 Apr 2019 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	83824		
176	18.4	16.2	24.2	
179	15.3	12.7	19.1	





#75

Fluoranthene

Concen: 10.869 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.00 min

Lab File: BF113563.D

Acq: 4 Apr 2019 00:47

Instrument :

BNA_F

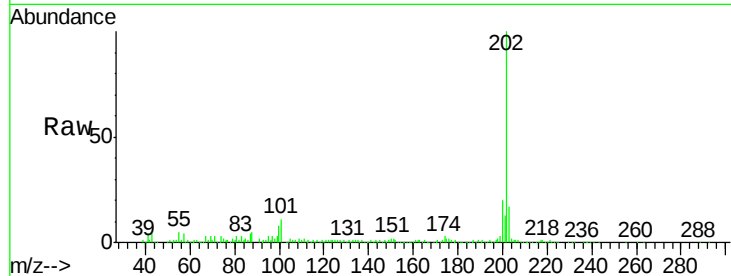
ClientSampleId :

HD-01-040119

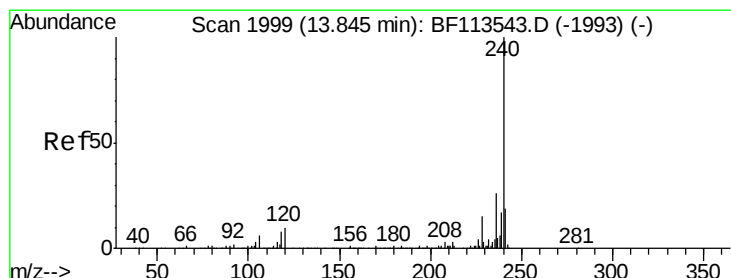
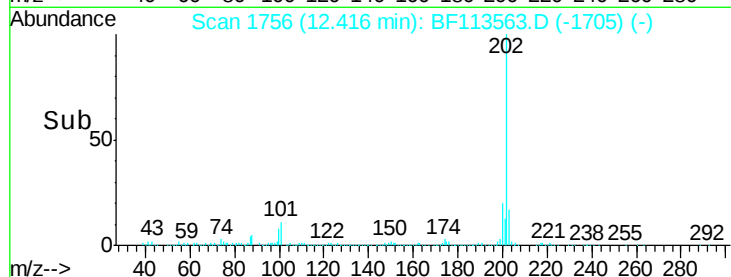
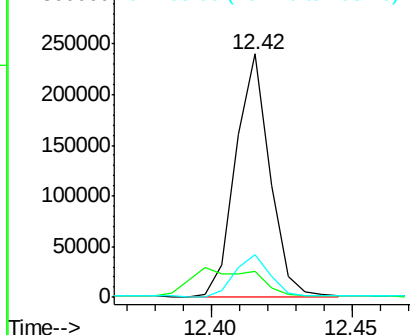
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.6	0.0	31.4
203	17.3	0.0	38.0

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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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

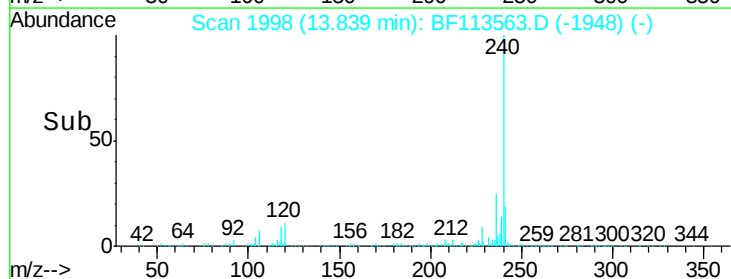
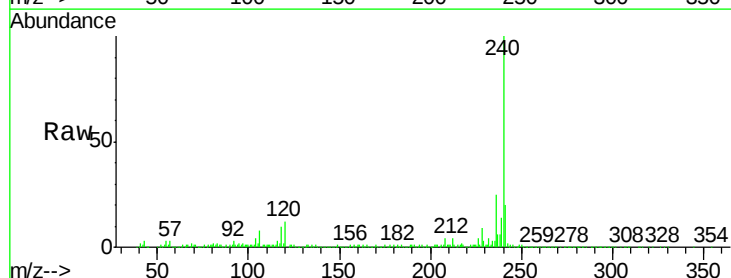
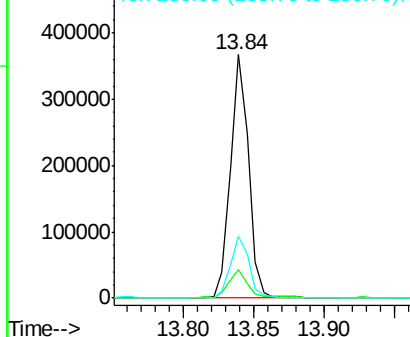
Delta R.T. -0.01 min

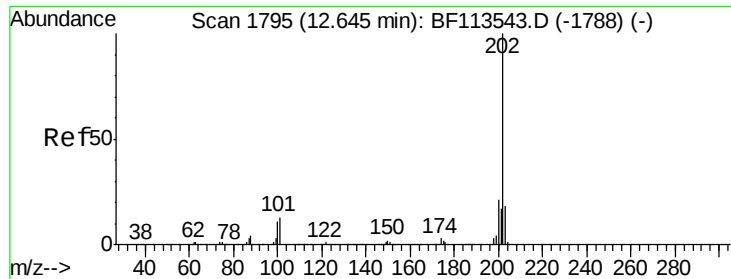
Lab File: BF113563.D

Acq: 4 Apr 2019 00:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	11.6	8.8	13.2
236	25.3	20.9	31.3

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 9.309 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BF113563.D

Acq: 4 Apr 2019 00:47

Instrument :

BNA_F

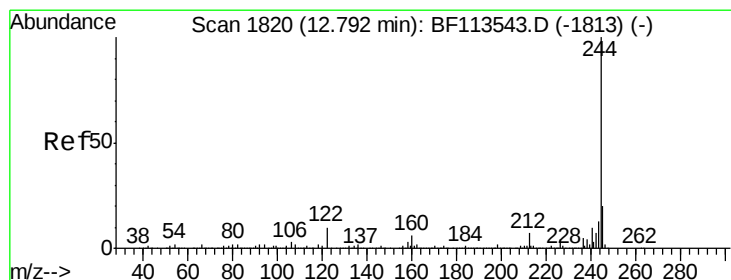
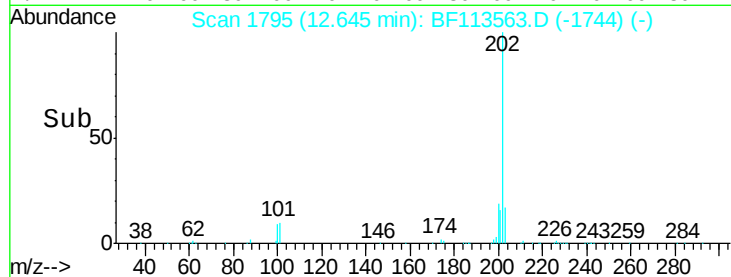
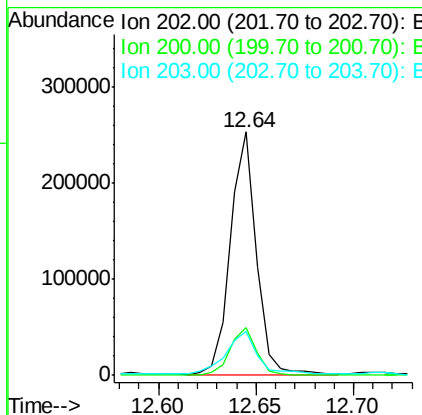
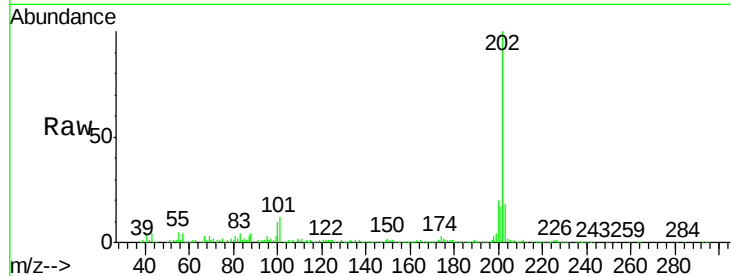
ClientSampleId :

HD-01-040119

Tgt	Ion:202	Resp:	230965
Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.8	25.2
203	17.8	14.4	21.6

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#79

Terphenyl-d14

Concen: 47.258 ng

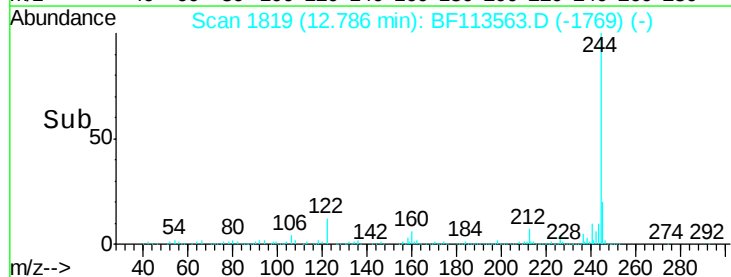
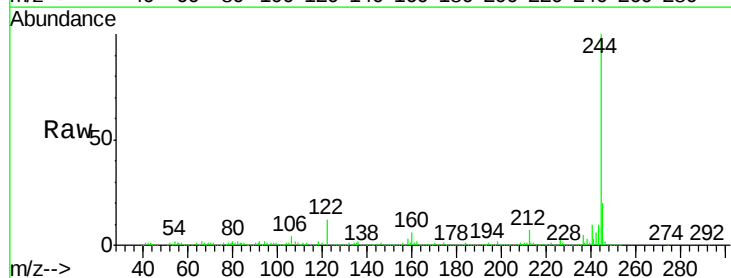
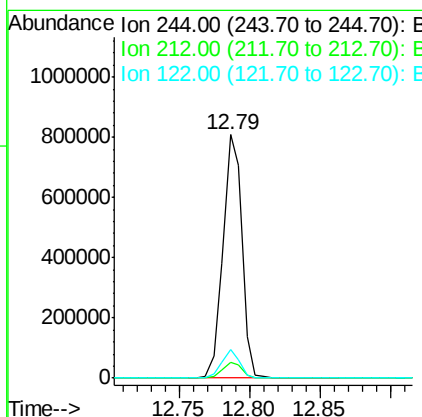
RT: 12.79 min Scan# 1819

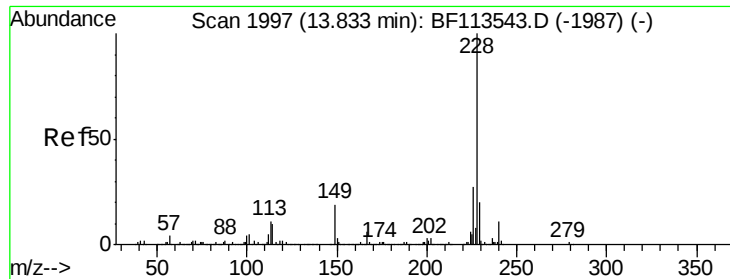
Delta R.T. -0.01 min

Lab File: BF113563.D

Acq: 4 Apr 2019 00:47

Tgt	Ion:244	Resp:	756861
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	11.8	8.6	13.0





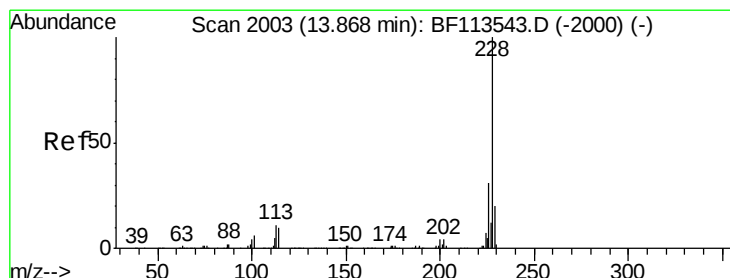
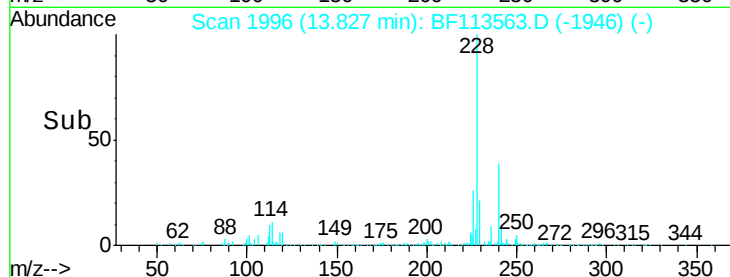
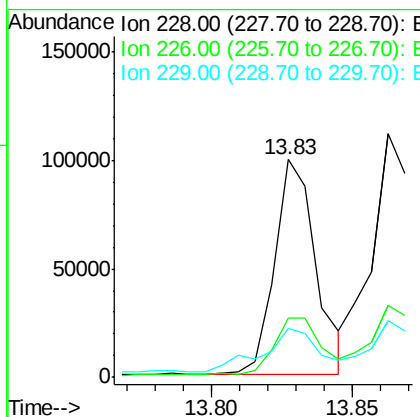
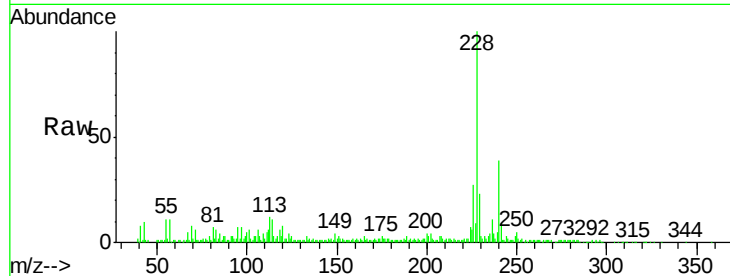
#81
Benzo(a)anthracene
Concen: 5.408 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF113563.D
Acq: 4 Apr 2019 00:47

Instrument :
BNA_F
ClientSampleId :
HD-01-040119

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	101725		
226	27.1	21.8	32.8	
229	22.7	16.2	24.4	

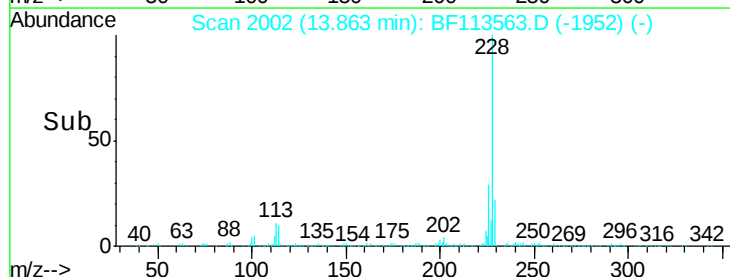
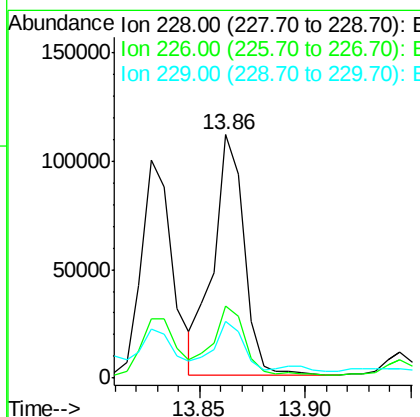
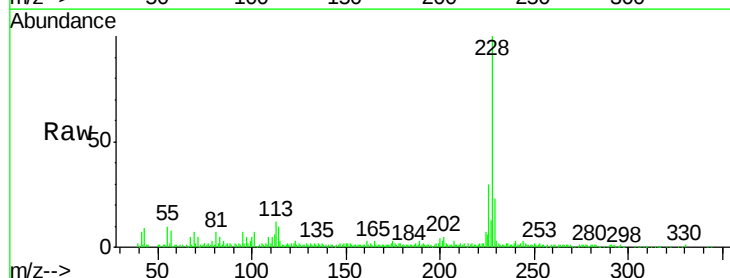
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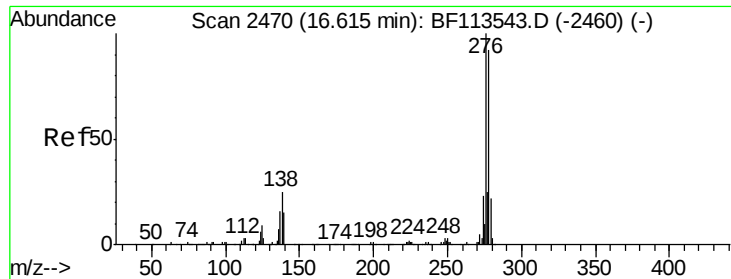
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#83
Chrysene
Concen: 5.912 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113563.D
Acq: 4 Apr 2019 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	112734		
226	29.8	24.3	36.5	
229	23.5	16.3	24.5	





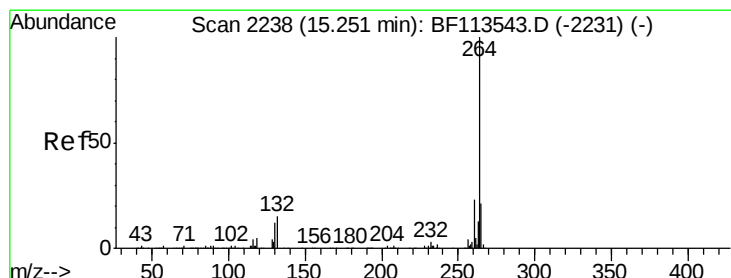
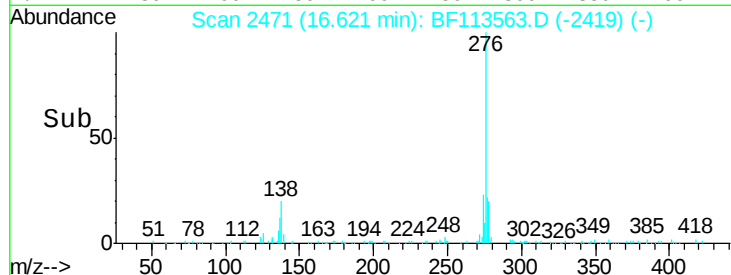
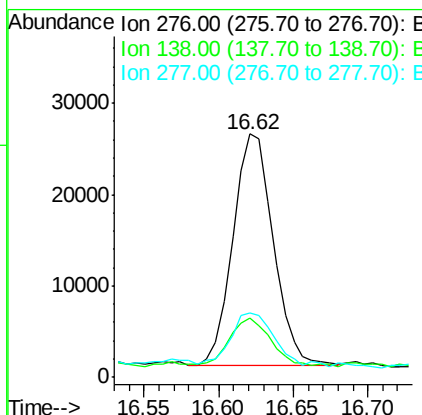
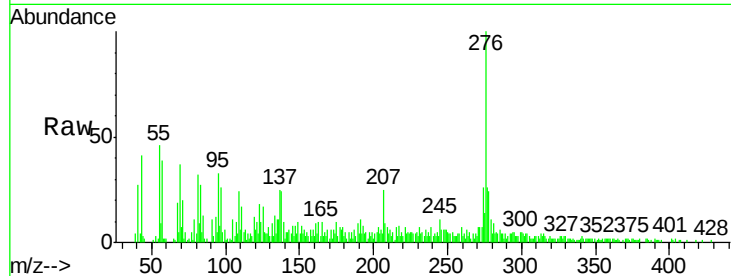
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.700 ng
 RT: 16.62 min Scan# 2471
 Delta R.T. 0.01 min
 Lab File: BF113563.D
 Acq: 4 Apr 2019 00:47

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-040119

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	18.1	27.1
277	25.9	20.2	30.4

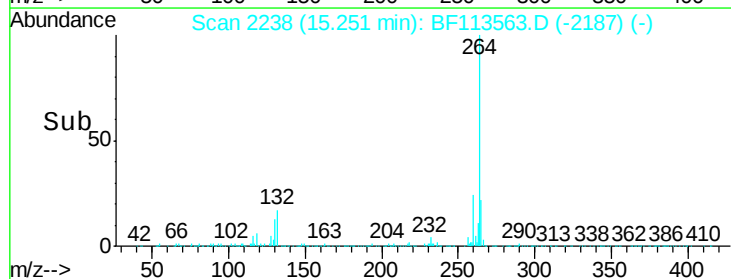
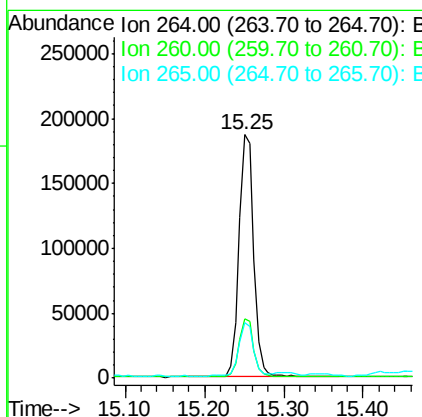
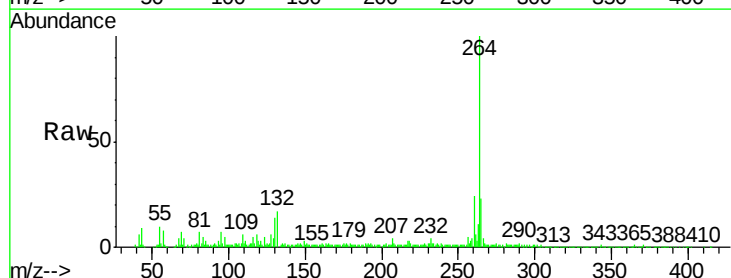
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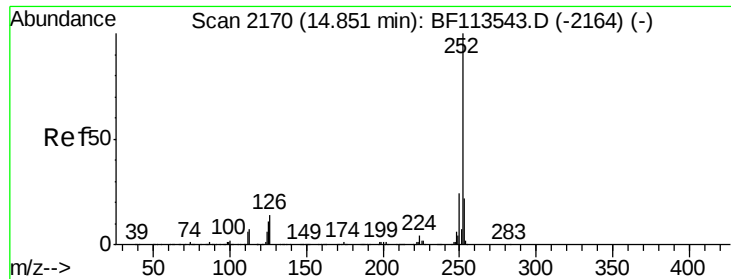
Sohil
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. -0.00 min
 Lab File: BF113563.D
 Acq: 4 Apr 2019 00:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.1	28.7
265	23.0	17.1	25.7





#88

Benzo(b)fluoranthene

Concen: 8.072 ng m

RT: 14.86 min Scan# 2171

Delta R.T. 0.01 min

Lab File: BF113563.D

Acq: 4 Apr 2019 00:47

Instrument :

BNA_F

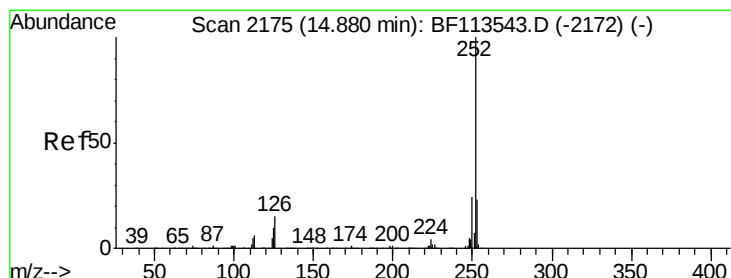
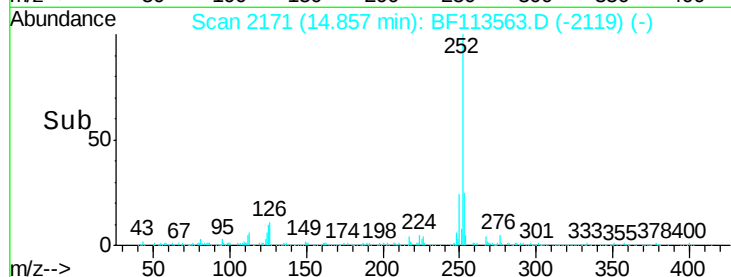
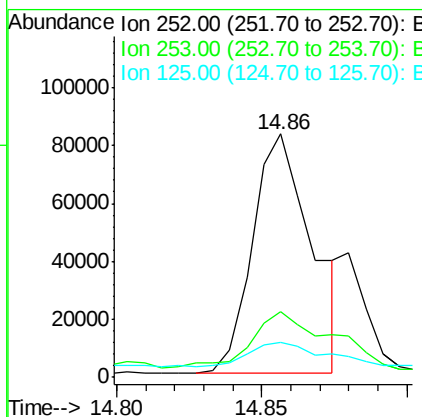
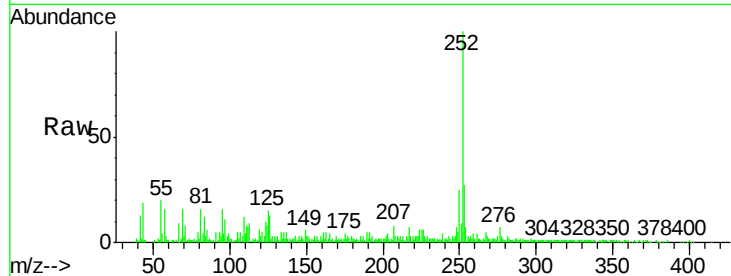
ClientSampleId :

HD-01-040119

Tgt Ion:	252	Resp:	118843
Ion Ratio	Lower	Upper	
252	100		
253	27.0	18.0	27.0#
125	14.6	7.6	11.4#

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#89

Benzo(k)fluoranthene

Concen: 2.069 ng m

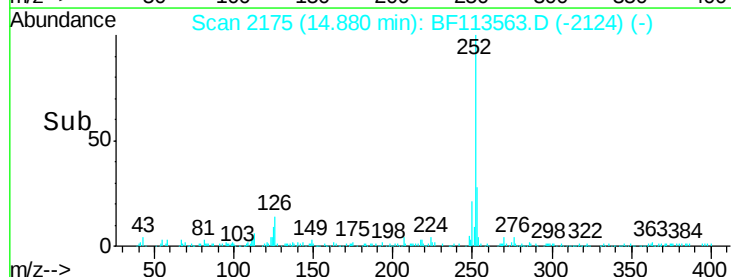
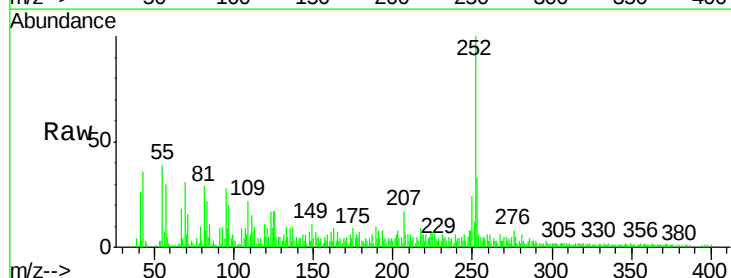
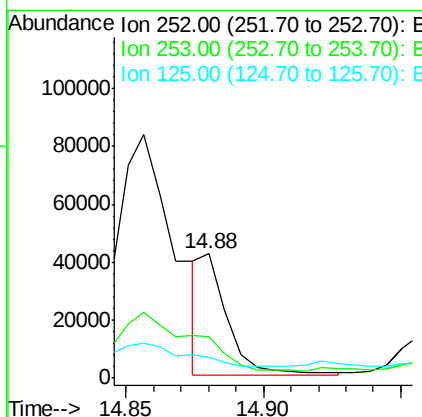
RT: 14.88 min Scan# 2175

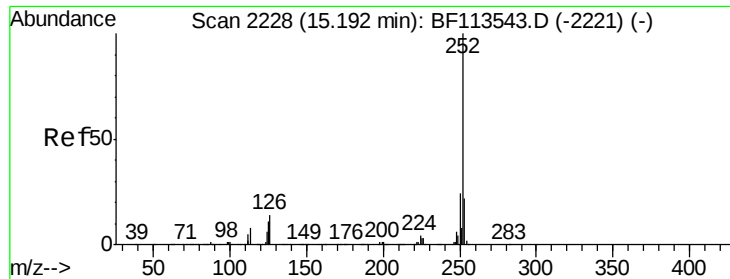
Delta R.T. -0.00 min

Lab File: BF113563.D

Acq: 4 Apr 2019 00:47

Tgt Ion:	252	Resp:	27341
Ion Ratio	Lower	Upper	
252	100		
253	33.1	17.7	26.5#
125	16.7	7.3	10.9#





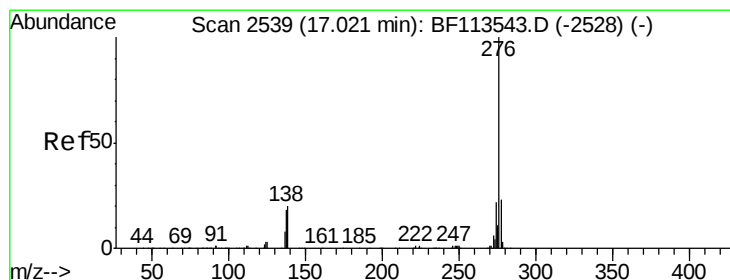
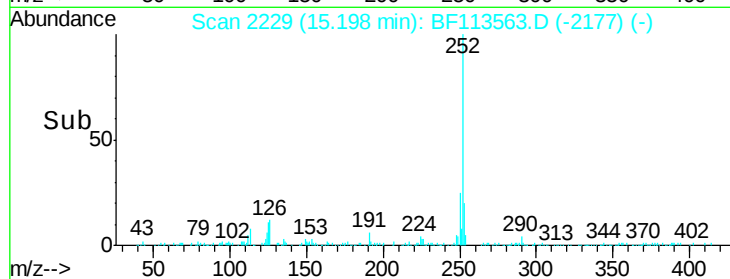
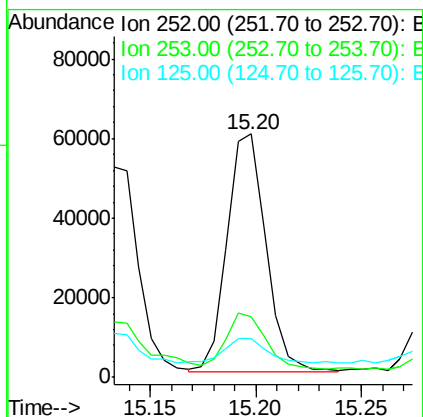
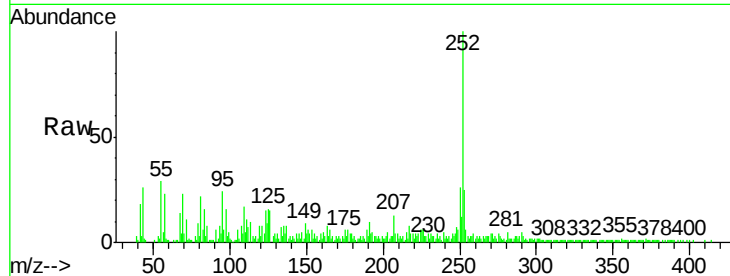
#90
Benzo(a)pyrene
Concen: 5.785 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BF113563.D
Acq: 4 Apr 2019 00:47

Instrument :
BNA_F
ClientSampleId :
HD-01-040119

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.9	26.9
125	16.2	8.8	13.2

Manual Integrations
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4/4/2019 10:57:57 AM



#92
Benzo(g,h,i)perylene
Concen: 4.379 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.02 min
Lab File: BF113563.D
Acq: 4 Apr 2019 00:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.8	18.8	28.2
138	22.0	15.6	23.4

