

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
 Data File : BF114045.D
 Acq On : 30 Apr 2019 16:37
 Operator : JU/SJ
 Sample : K2194-05 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-C

Manual Integrations
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 5/1/2019 11:58:49 AM

Quant Time: May 01 05:27:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	121251	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	442318	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	204131	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	380832	20.00	ng	0.00
76) Chrysene-d12	14.06	240	301041	20.00	ng	-0.01
87) Perylene-d12	15.55	264	233179	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	323784	45.67	ng	0.00
7) Phenol-d6	6.52	99	433289	48.72	ng	0.00
23) Nitrobenzene-d5	7.45	82	238377	33.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	113640	45.70	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	500477	38.35	ng	-0.01
79) Terphenyl-d14	13.00	244	555447	37.83	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.63	163	68086	4.612	ng	Qvalue # 98
71) Phenanthrene	11.44	178	218886	11.437	ng	99
72) Anthracene	11.49	178	102756	5.317	ng	98
75) Fluoranthene	12.63	202	610817	29.252	ng	97
78) Pyrene	12.86	202	646493	30.709	ng	99
81) Benzo(a)anthracene	14.04	228	316798	17.861	ng	97
83) Chrysene	14.08	228	272093	15.752	ng	96
86) Indeno(1,2,3-cd)pyrene	17.04	276	110402	6.747	ng	# 93
88) Benzo(b)fluoranthene	15.12	252	301665m	20.448	ng	
89) Benzo(k)fluoranthene	15.14	252	61609m	4.855	ng	
90) Benzo(a)pyrene	15.49	252	211756	16.594	ng	96
91) Dibenzo(a,h)anthracene	17.05	278	29567	2.468	ng	# 68
92) Benzo(a,h,i)perylene	17.50	276	109347	9.046	ng	98

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

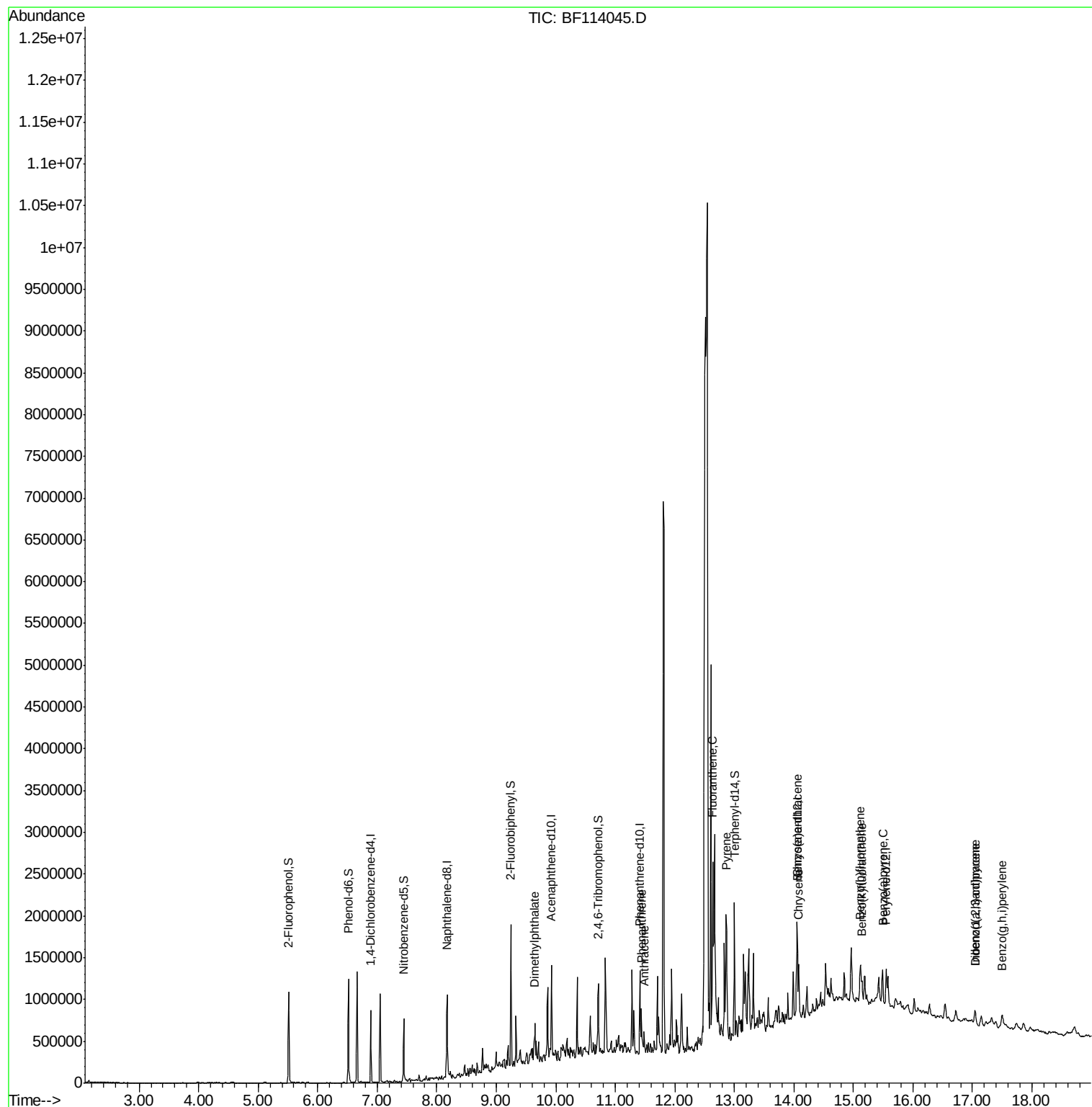
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
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ALS Vial : 10 Sample Multiplier: 1

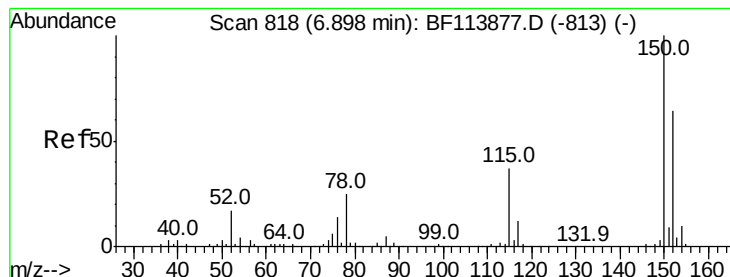
Instrument :
BNA_F
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JC-03-042919-C

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
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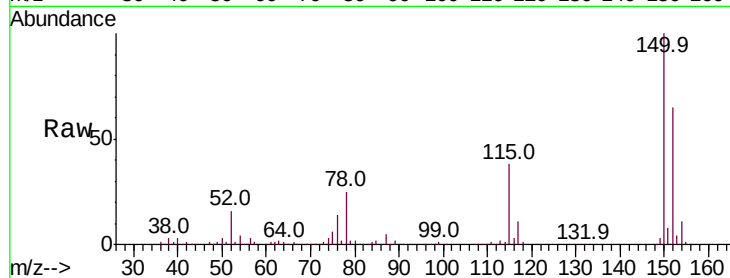
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF114045.D
 Acq: 30 Apr 2019 16:37

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.9	188.9
115	59.0	45.9	68.9

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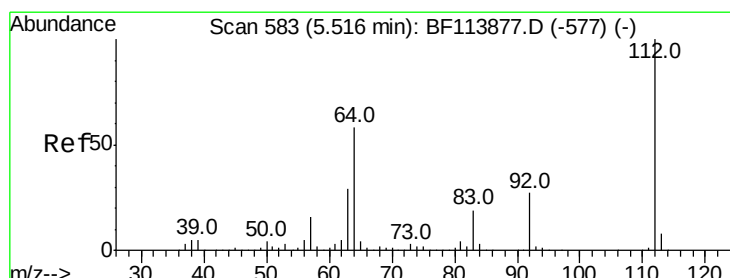
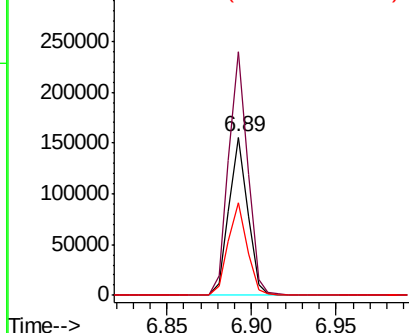
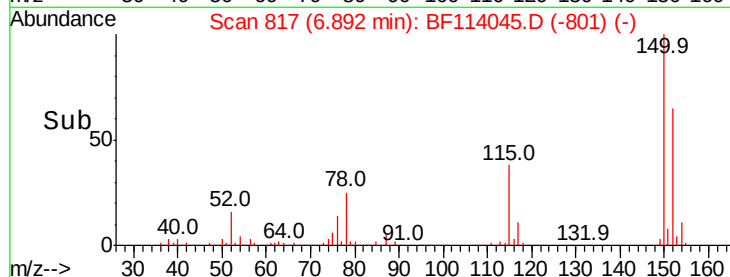


Abundance

Ion 152.00 (151.70 to 152.70): E

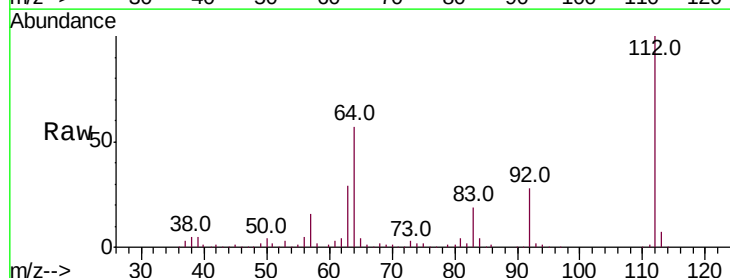
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 45.673 ng
 RT: 5.51 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF114045.D
 Acq: 30 Apr 2019 16:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	46.6	69.8
63	28.7	23.1	34.7

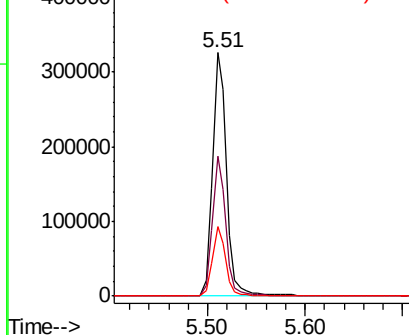
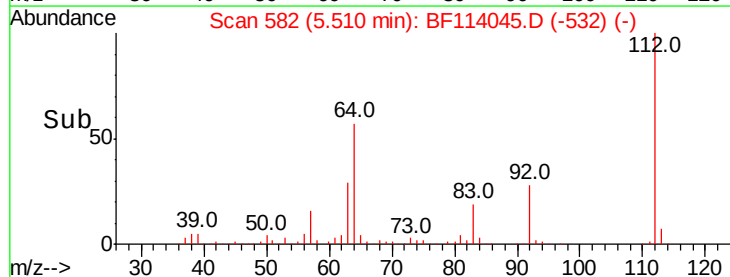


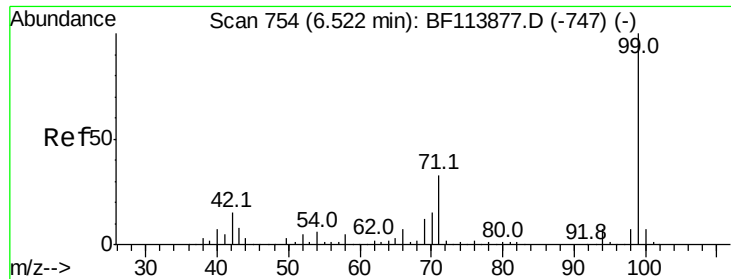
Abundance

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: 48.715 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF114045.D

Acq: 30 Apr 2019 16:37

Instrument :

BNA_F

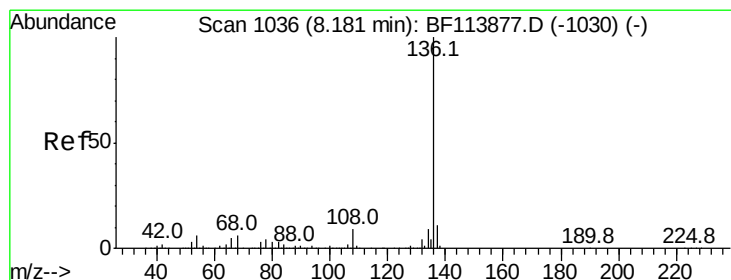
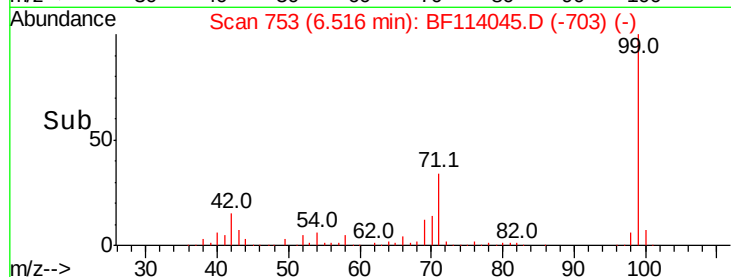
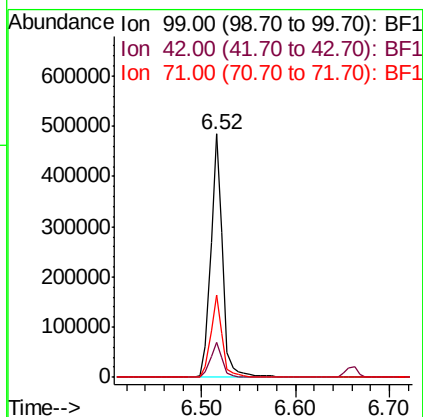
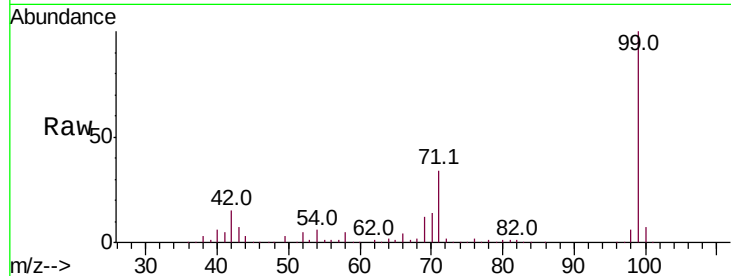
ClientSampleId :

JC-03-042919-C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		433289		
42	14.6	12.5	18.7		
71	33.6	26.9	40.3		

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#21

Naphthalene-d8

Concen: 20.000 ng

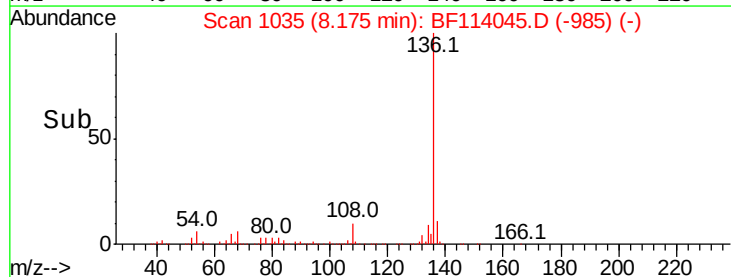
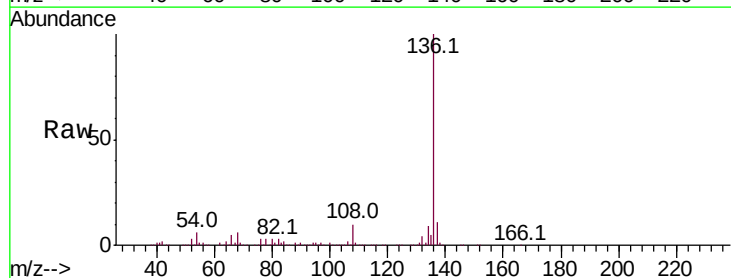
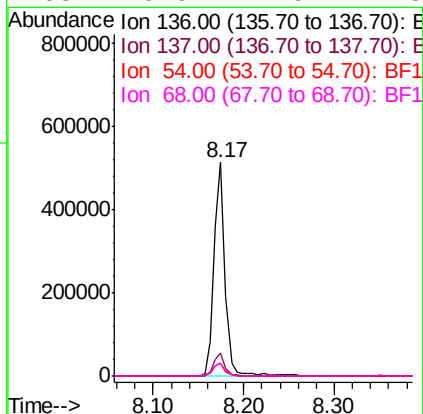
RT: 8.17 min Scan# 1035

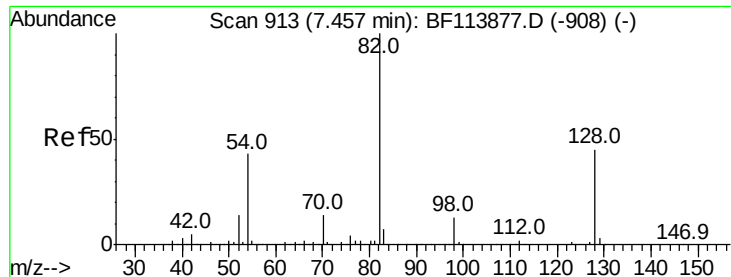
Delta R.T. -0.01 min

Lab File: BF114045.D

Acq: 30 Apr 2019 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		442318		
137	11.0	8.6	12.8		
54	6.0	5.0	7.6		
68	5.9	4.9	7.3		





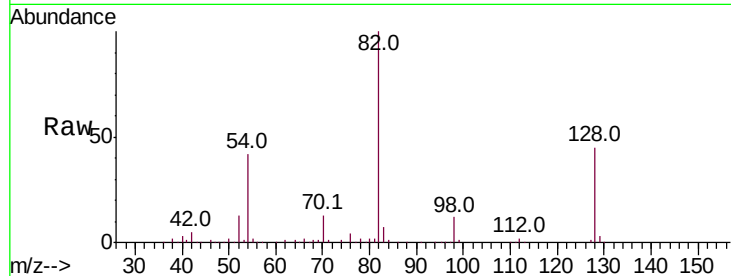
#23
Nitrobenzene-d5
Concen: 33.275 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF114045.D
Acq: 30 Apr 2019 16:37

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-C

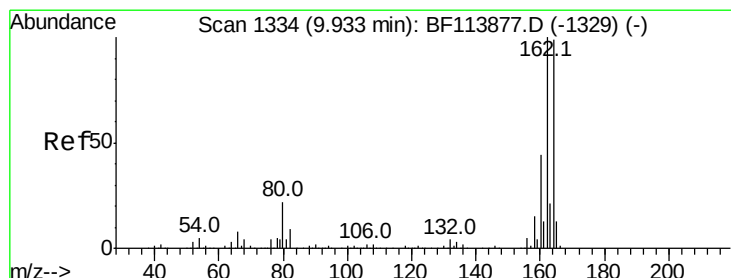
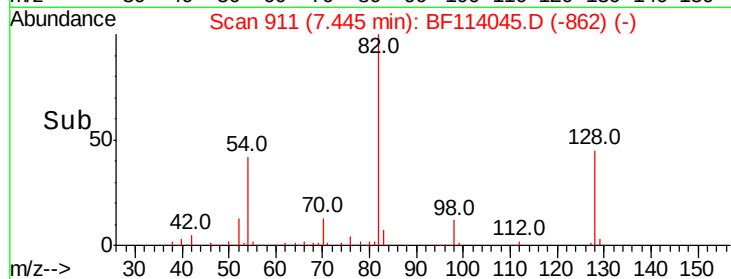
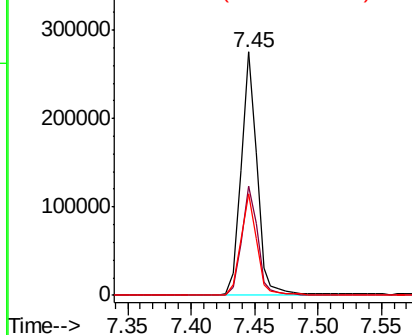
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.9	36.8	55.2	
54	41.7	33.8	50.6	

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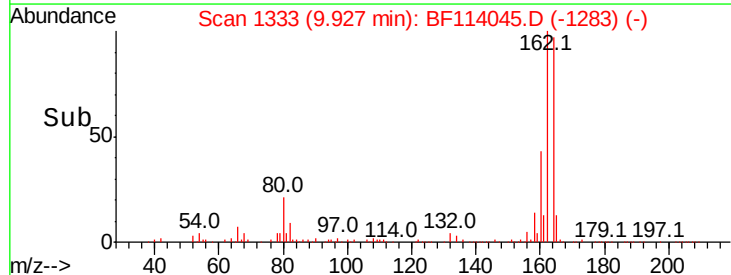
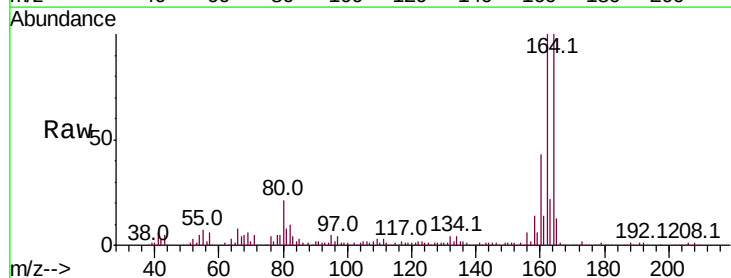
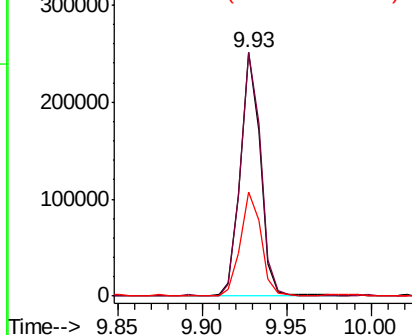
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

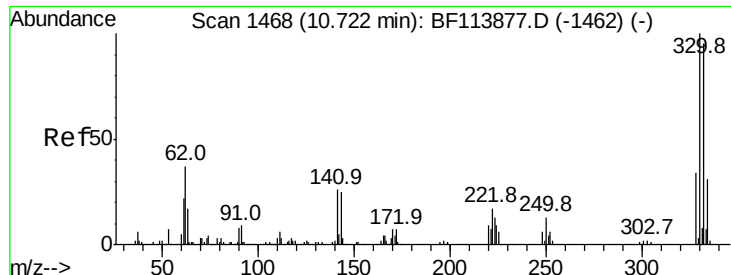


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114045.D
Acq: 30 Apr 2019 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.9	81.1	121.7	
160	42.9	35.8	53.6	

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: 45.699 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF114045.D

Acq: 30 Apr 2019 16:37

Instrument :

BNA_F

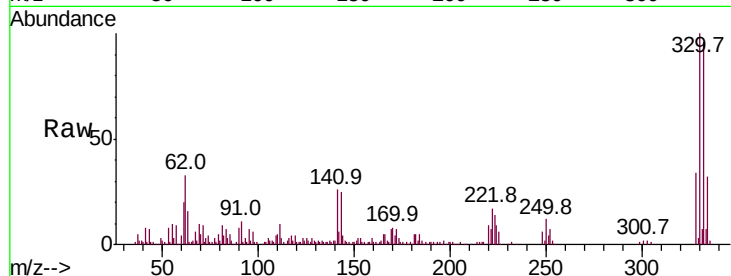
ClientSampleId :

JC-03-042919-C

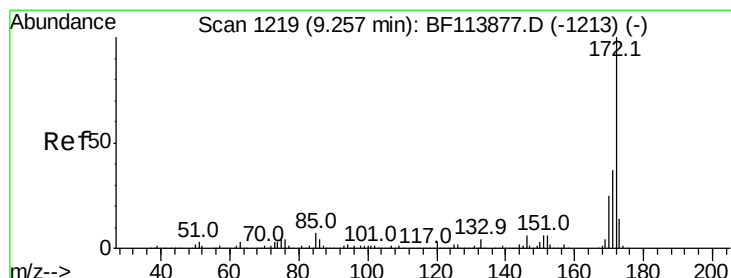
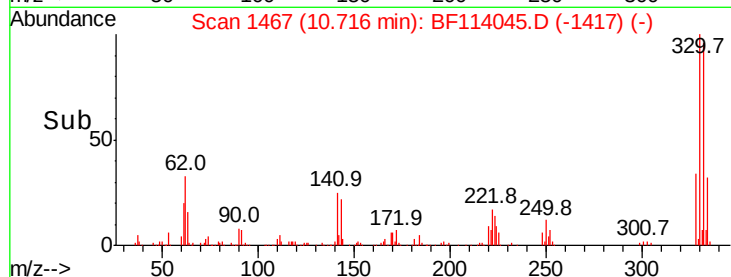
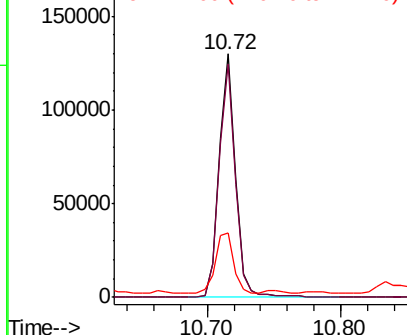
Tot Ion:	330	Resp:	113640
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.5	116.3
141	28.0	22.2	33.2

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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: 38.346 ng

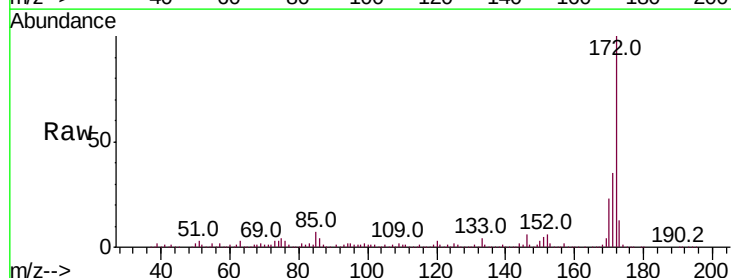
RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

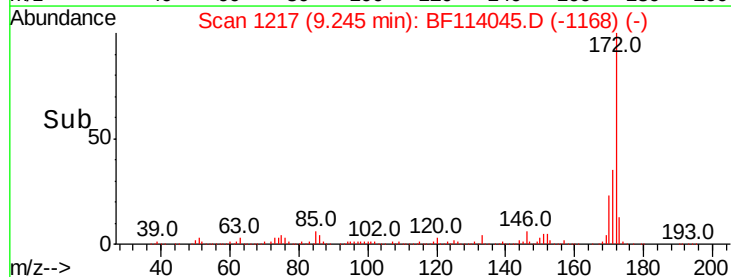
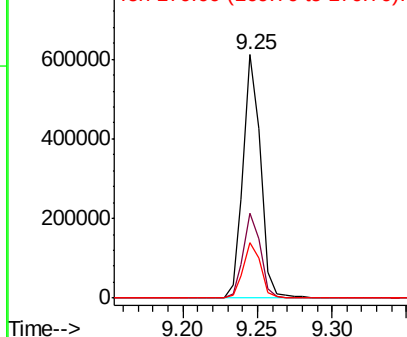
Lab File: BF114045.D

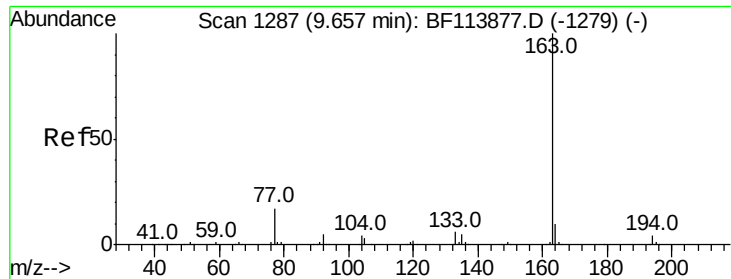
Acq: 30 Apr 2019 16:37

Tgt Ion:	172	Resp:	500477
Ion Ratio	Lower	Upper	
172	100		
171	34.7	29.4	44.0
170	23.0	19.9	29.9



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





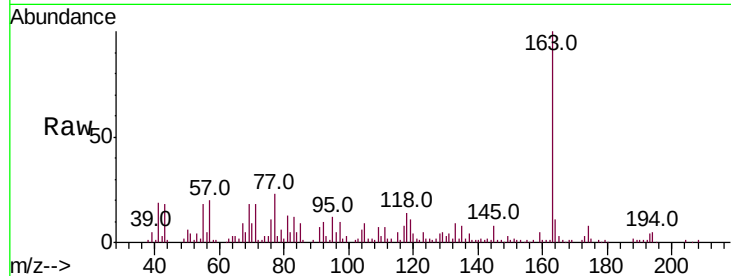
#50
Dimethylphthalate
Concen: 4.612 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF114045.D
Acq: 30 Apr 2019 16:37

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-C

Tot Ion	Ratio	Resp	Lower	Upper
163	100	68086		
194	5.2	3.4	5.2#	
164	11.3	8.5	12.7	

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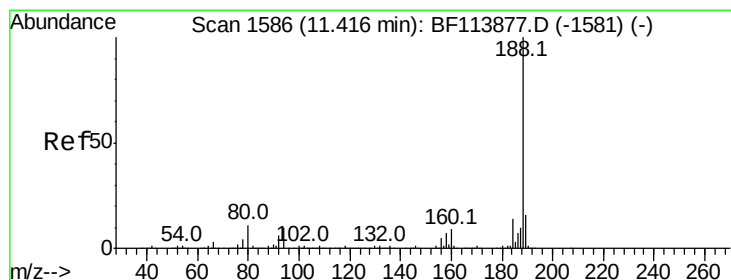
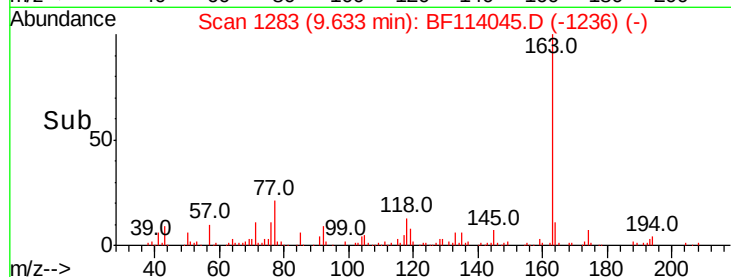
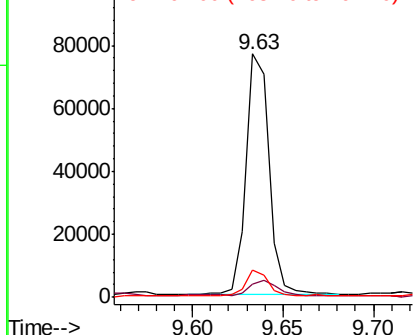


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF114045.D
Acq: 30 Apr 2019 16:37

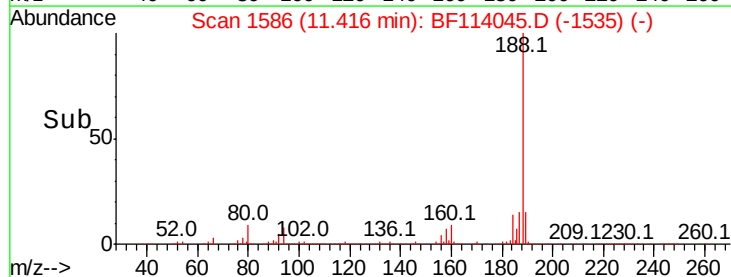
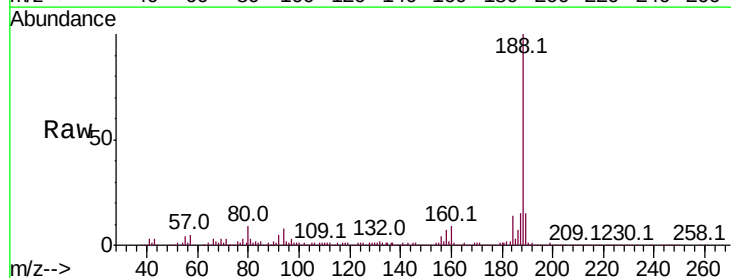
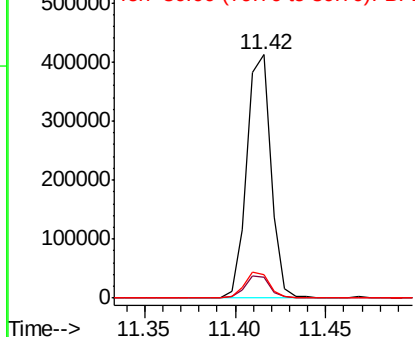
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	380832		
94	8.4	8.2	12.4	
80	9.4	9.0	13.6	

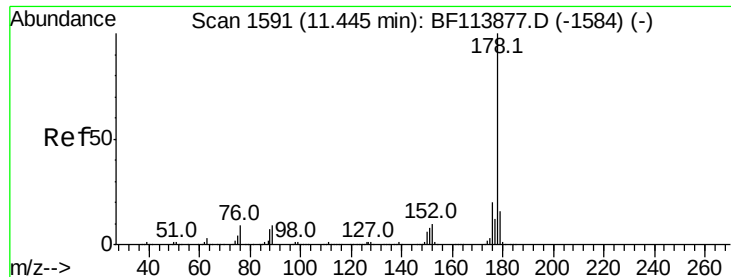
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





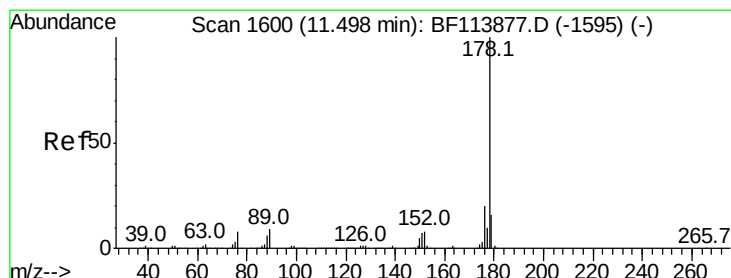
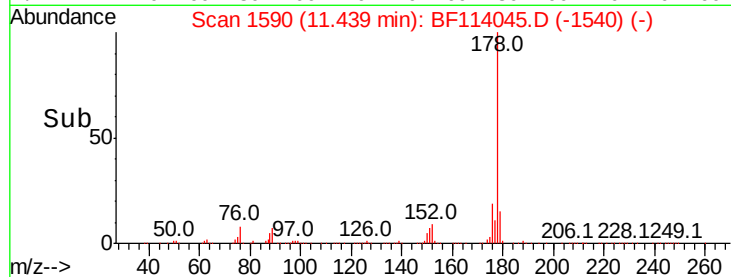
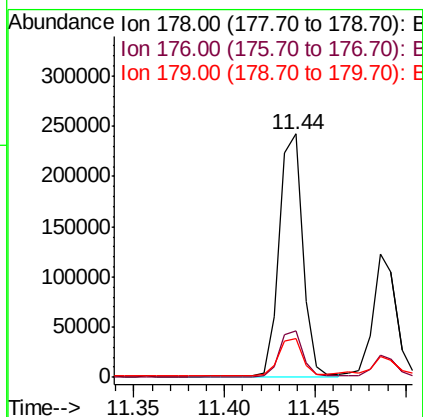
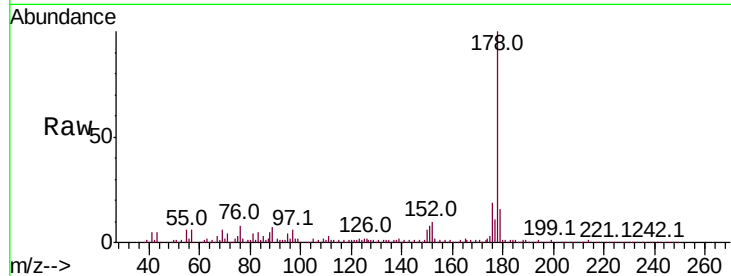
#71
Phenanthrene
Concen: 11.437 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF114045.D
Acq: 30 Apr 2019 16:37

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-C

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.1	24.1
179	15.9	12.8	19.2

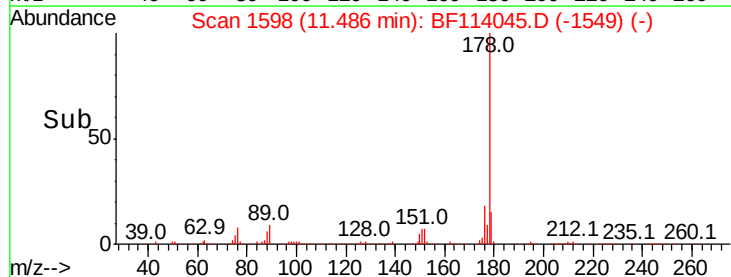
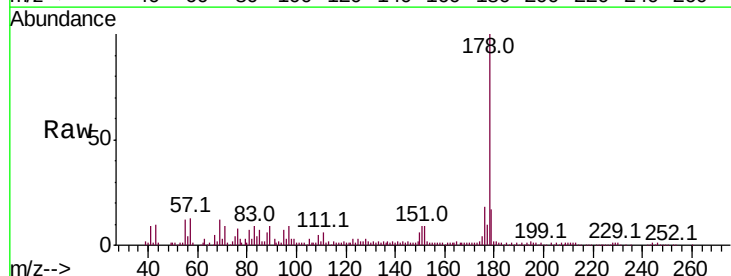
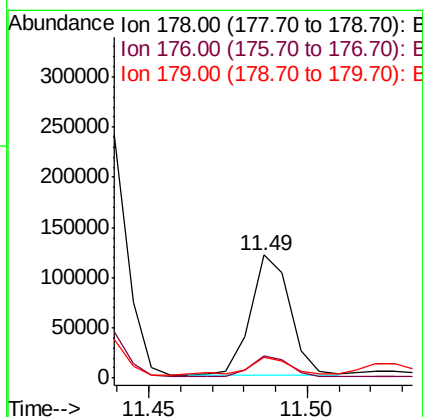
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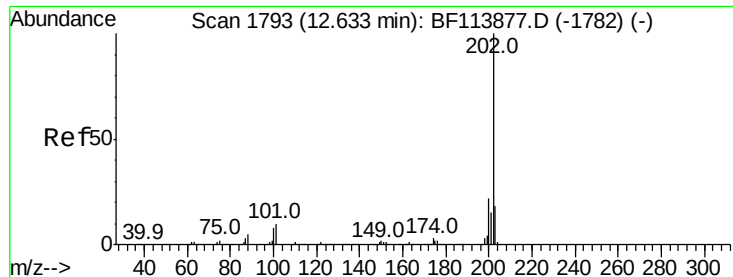
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#72
Anthracene
Concen: 5.317 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF114045.D
Acq: 30 Apr 2019 16:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.7	23.5
179	16.8	13.0	19.4





#75

Fluoranthene

Concen: 29.252 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF114045.D

Acq: 30 Apr 2019 16:37

Instrument :

BNA_F

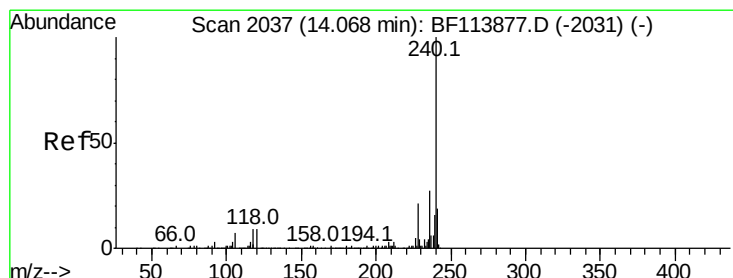
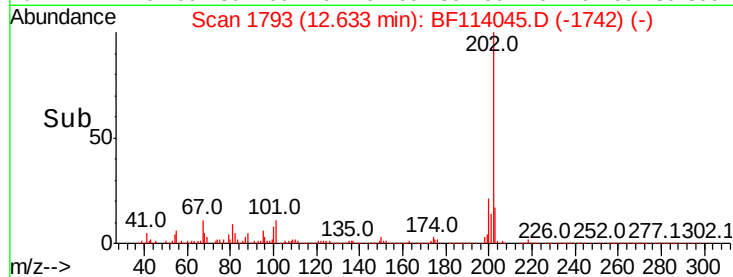
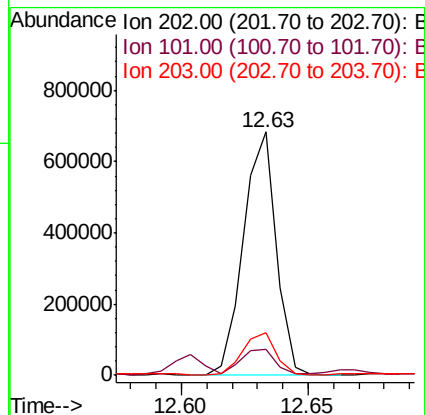
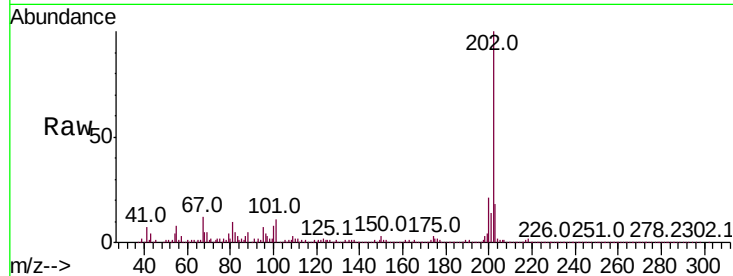
ClientSampleId :

JC-03-042919-C

Tot Ion:	202	Resp:	610817
Ion Ratio		Lower	Upper
202	100		
101	10.8	0.0	32.9
203	17.7	0.0	38.2

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#76

Chrysene-d12

Concen: 20.000 ng

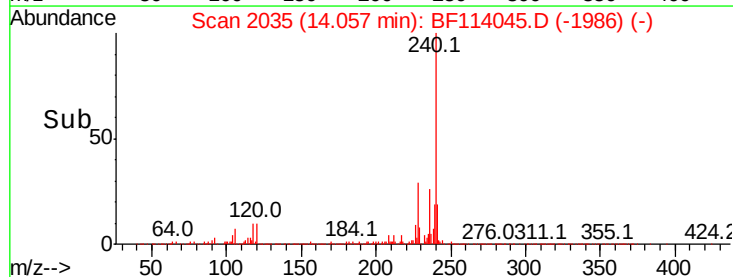
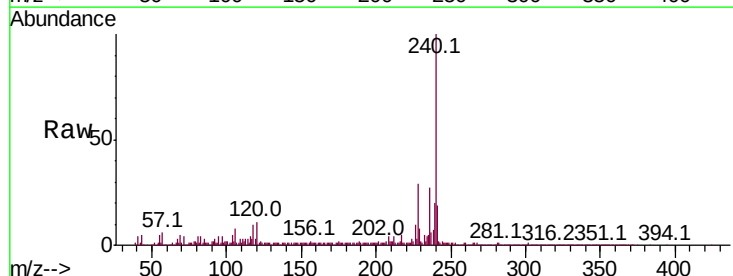
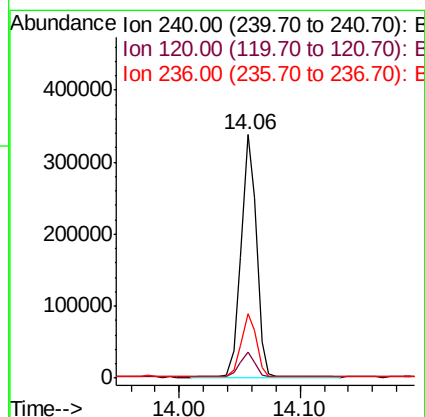
RT: 14.06 min Scan# 2035

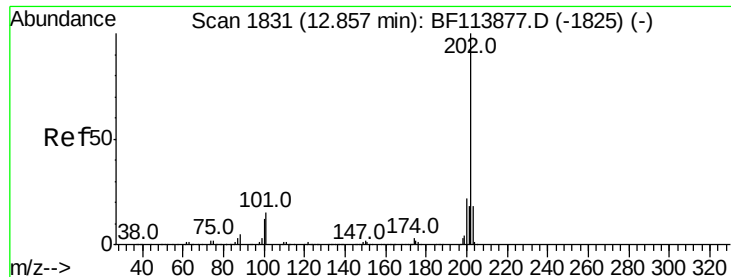
Delta R.T. -0.01 min

Lab File: BF114045.D

Acq: 30 Apr 2019 16:37

Tgt Ion:	240	Resp:	301041
Ion Ratio		Lower	Upper
240	100		
120	10.7	9.3	13.9
236	26.7	21.2	31.8





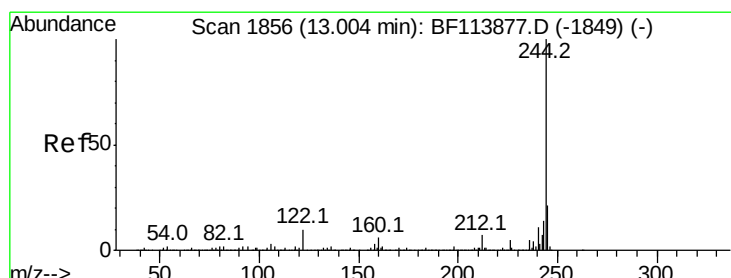
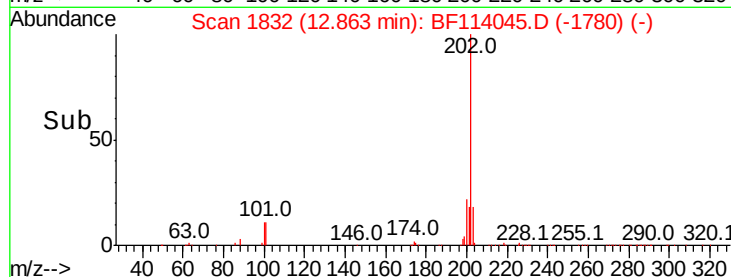
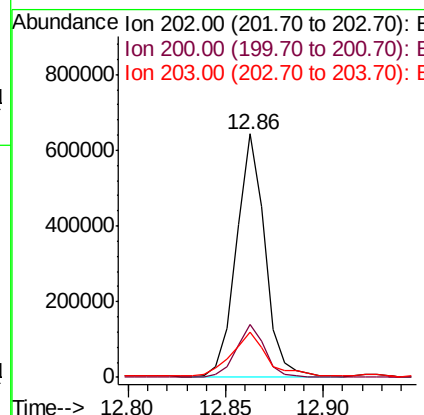
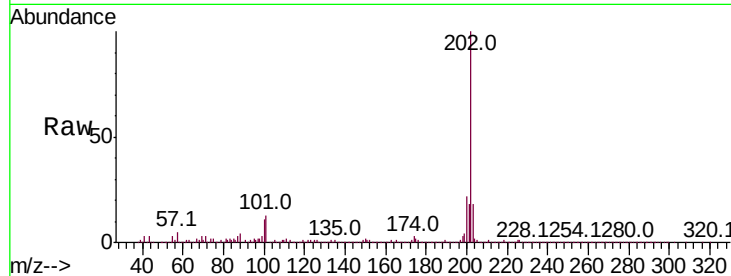
#78
Pvrene
Concen: 30.709 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF114045.D
Acq: 30 Apr 2019 16:37

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-C

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.8	17.7	26.5	
203	18.5	15.0	22.6	

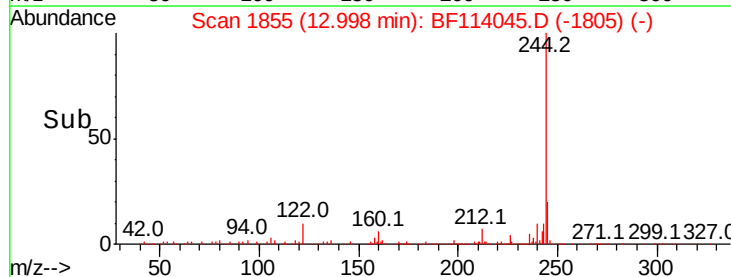
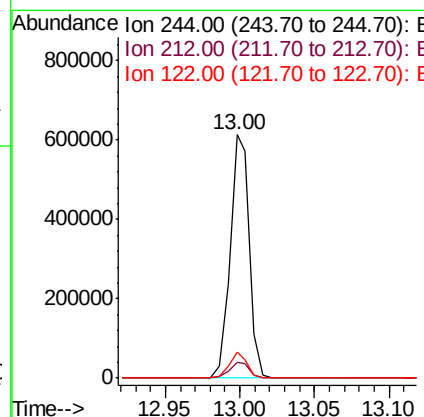
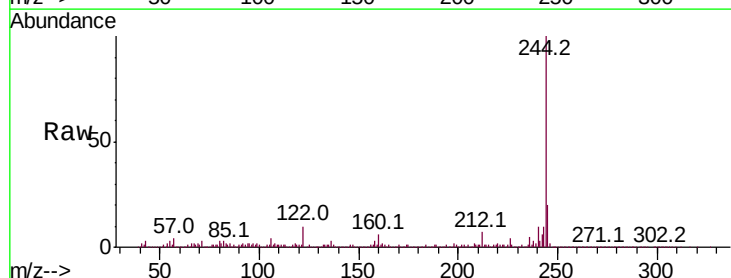
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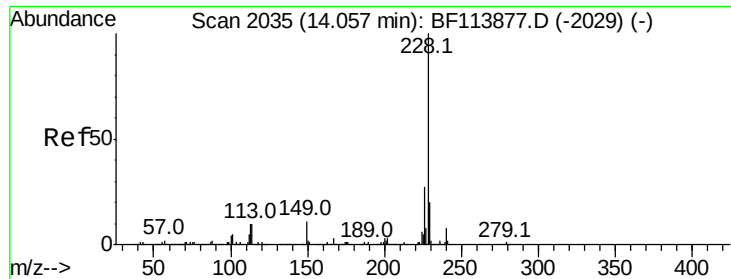
Sohil
5/1/2019 11:58:49 AM



#79
Terphenyl-d14
Concen: 37.827 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF114045.D
Acq: 30 Apr 2019 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.7	5.4	8.2	
122	10.5	7.6	11.4	





#81

Benzo(a)anthracene

Concen: 17.861 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF114045.D

Acq: 30 Apr 2019 16:37

Instrument :

BNA_F

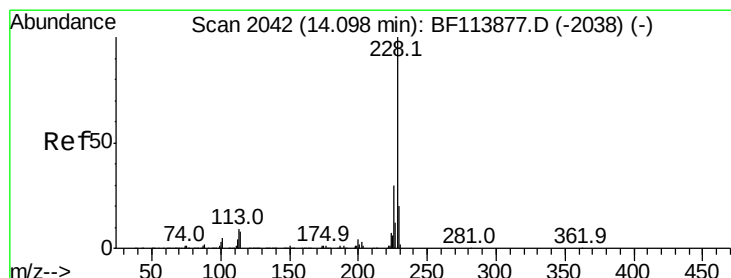
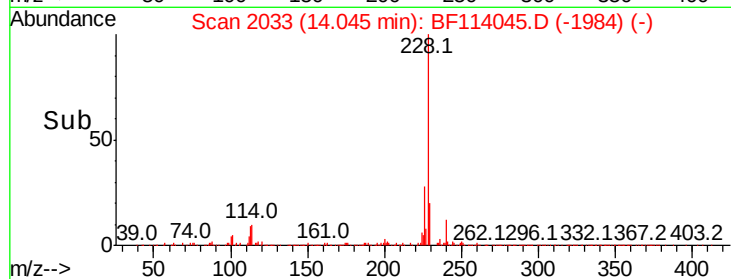
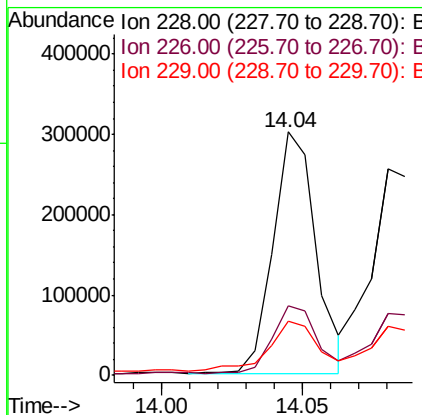
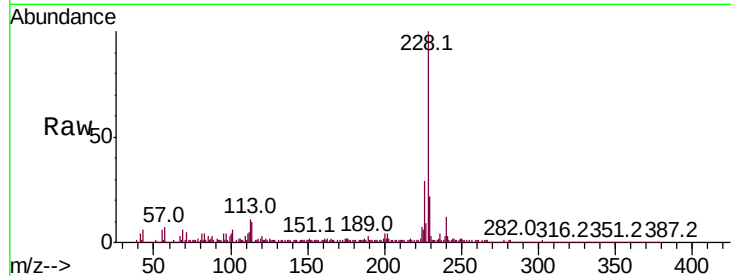
ClientSampleId :

JC-03-042919-C

Tot Ion:	228	Resp:	316798
Ion Ratio	Lower	Upper	
228	100		
226	28.8	22.2	33.2
229	22.0	16.0	24.0

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#83

Chrysene

Concen: 15.752 ng

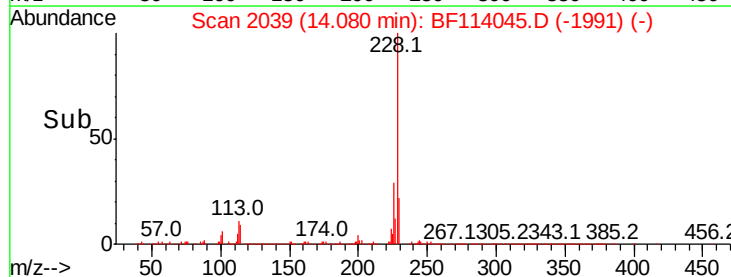
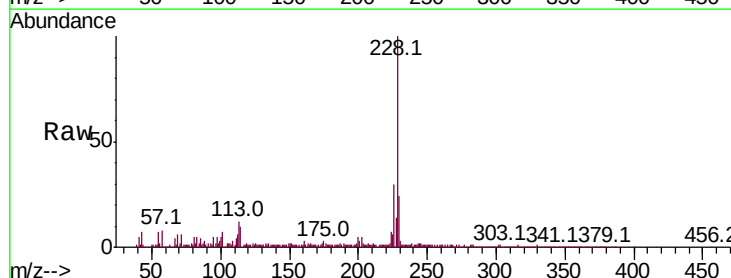
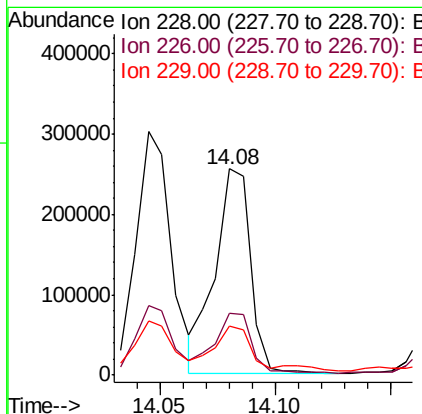
RT: 14.08 min Scan# 2039

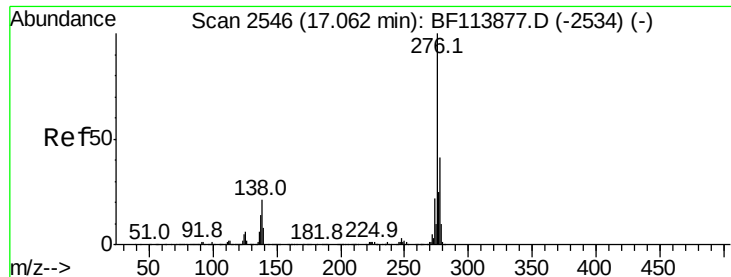
Delta R.T. -0.02 min

Lab File: BF114045.D

Acq: 30 Apr 2019 16:37

Tgt Ion:	228	Resp:	272093
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.2	37.8
229	23.7	16.7	25.1





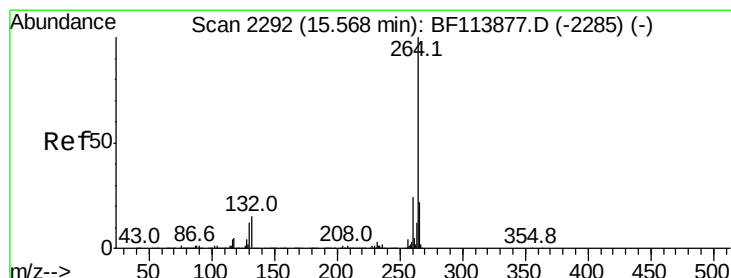
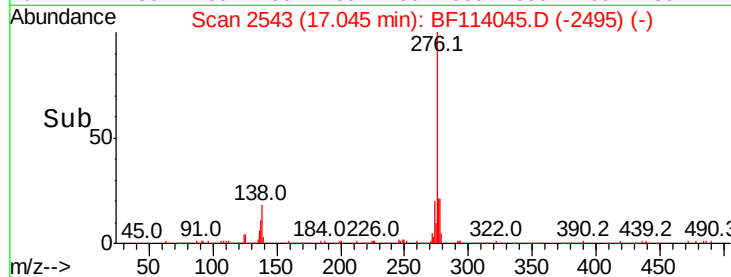
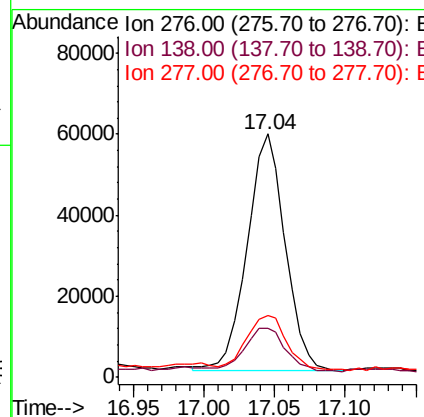
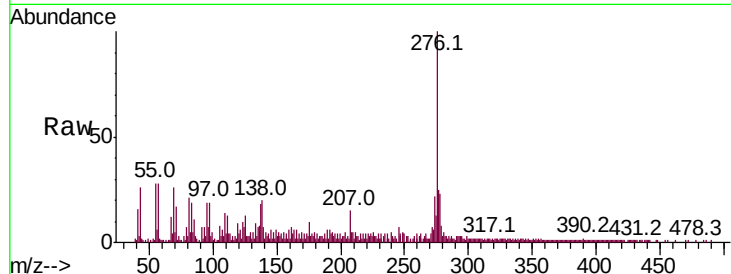
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.747 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.02 min
Lab File: BF114045.D
Acq: 30 Apr 2019 16:37

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-C

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.5	19.6	29.4#
277	23.6	20.2	30.4

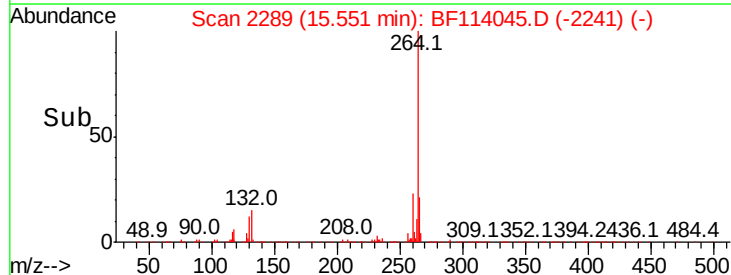
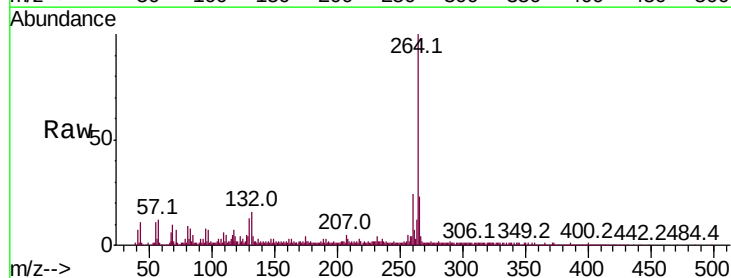
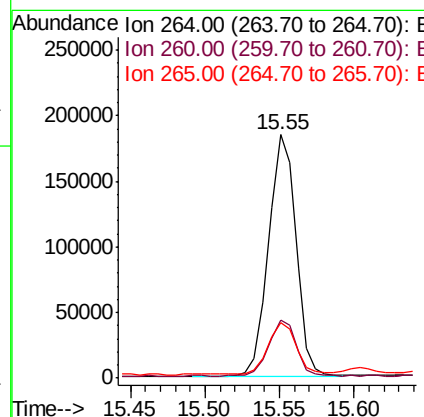
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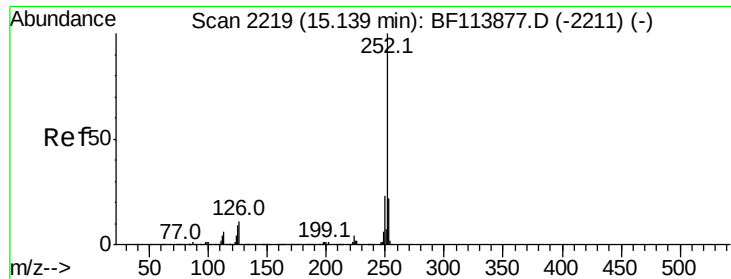
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.02 min
Lab File: BF114045.D
Acq: 30 Apr 2019 16:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.7	17.3	25.9





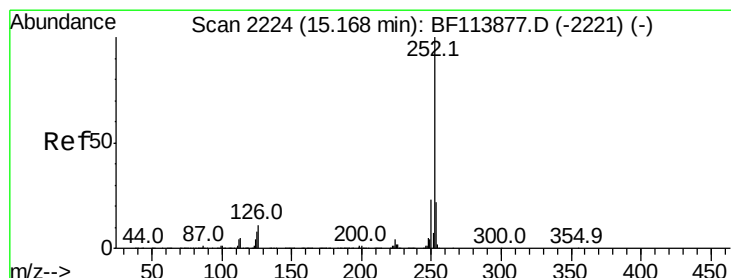
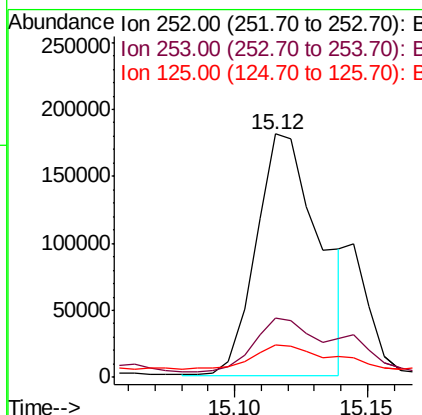
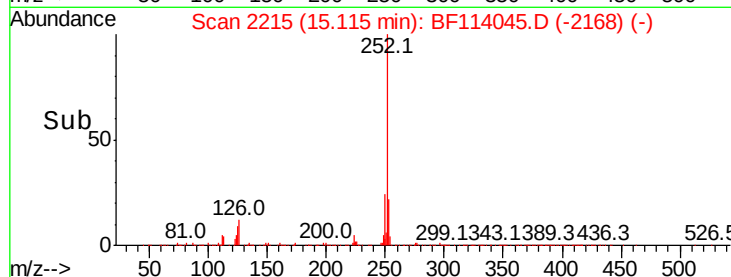
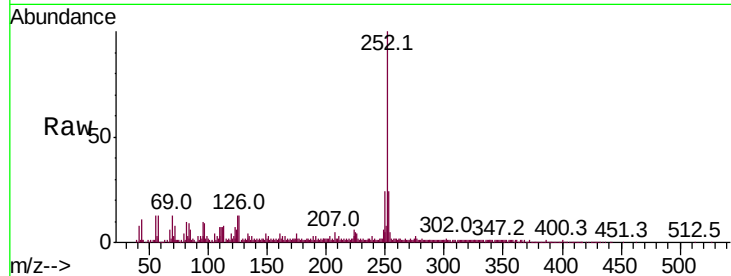
#88
Benzo(b)fluoranthene
Concen: 20.448 ng m
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF114045.D
Acq: 30 Apr 2019 16:37

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.6
125	13.3	7.0	10.6

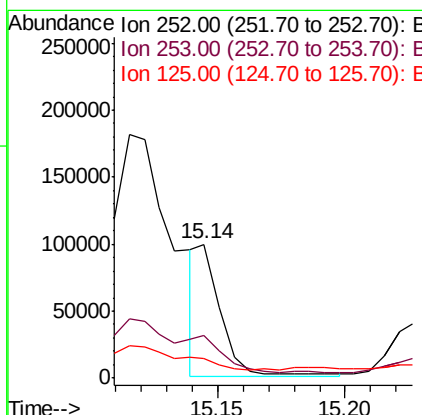
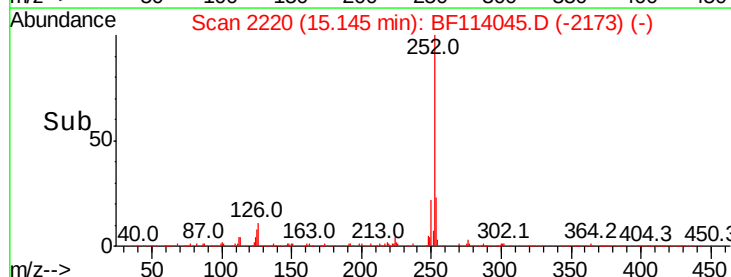
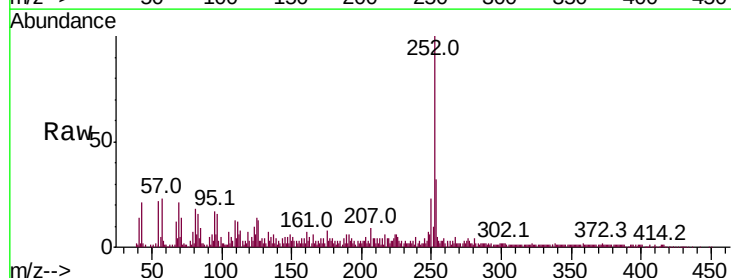
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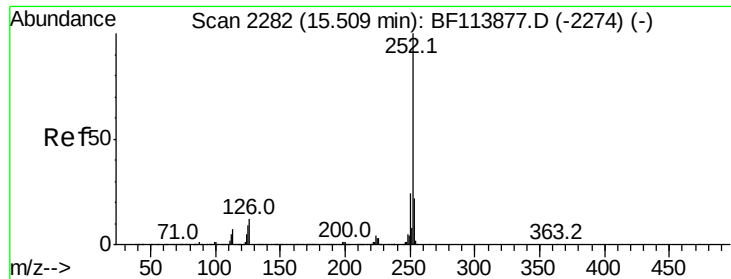
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#89
Benzo(k)fluoranthene
Concen: 4.855 ng m
RT: 15.14 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF114045.D
Acq: 30 Apr 2019 16:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.7	18.2	27.2
125	14.3	7.4	11.2





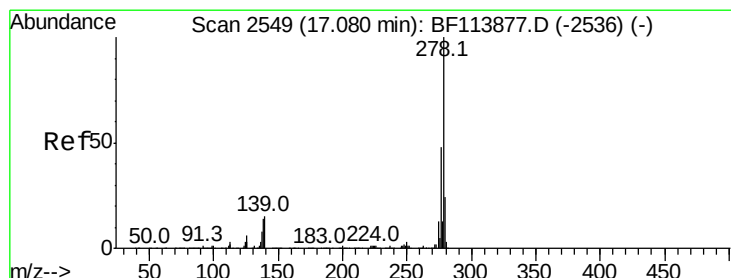
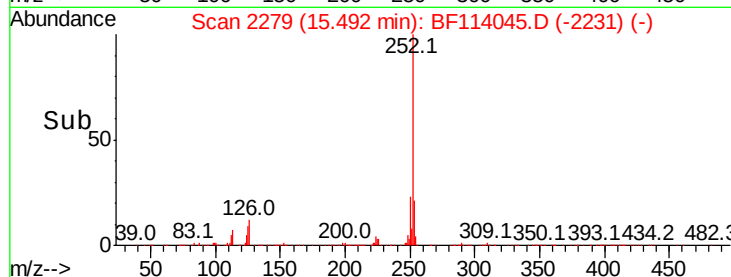
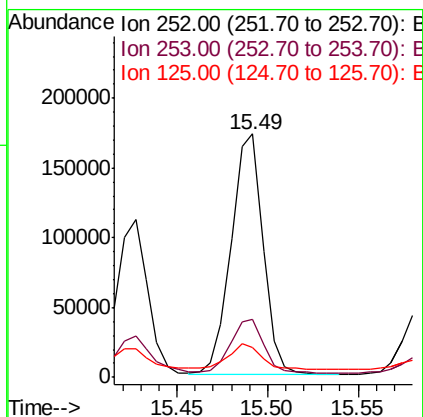
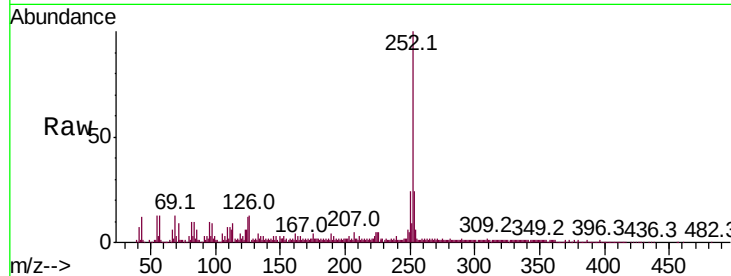
#90
Benzo(a)pyrene
Concen: 16.594 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF114045.D
Acq: 30 Apr 2019 16:37

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-C

Tot Ion	Ratio	Resp	Lower	Upper
252	100	211756		
253	23.8		17.5	26.3
125	12.2		8.5	12.7

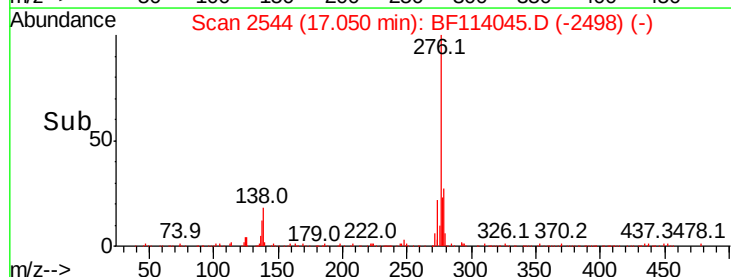
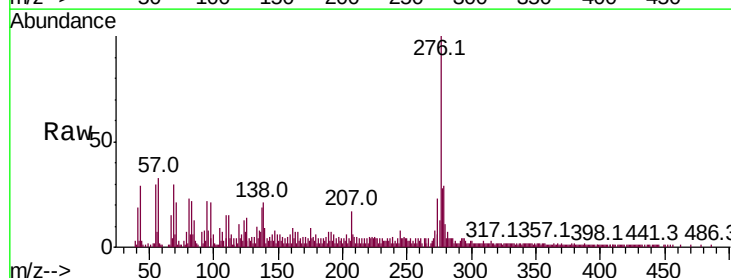
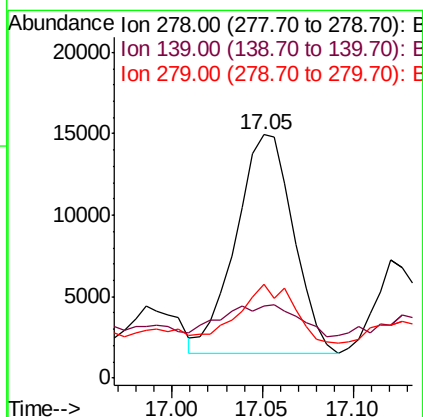
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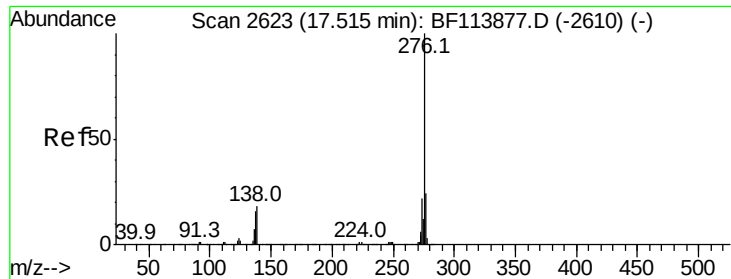
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#91
Dibenzo(a,h)anthracene
Concen: 2.468 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.03 min
Lab File: BF114045.D
Acq: 30 Apr 2019 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	29567		
139	29.5		11.6	17.4#
279	38.3		19.0	28.6#





#92
 Benzo(a,h,i)perylene
 Concen: 9.046 ng
 RT: 17.50 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BF114045.D
 Acq: 30 Apr 2019 16:37

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-C

Tot Ion:	276	Resp:	109347
Ion Ratio	Lower	Upper	
276	100		
277	25.1	19.0	28.4
138	21.7	16.6	25.0

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