

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
 Data File : BF114044.D
 Acq On : 30 Apr 2019 16:10
 Operator : JU/SJ
 Sample : K2194-03 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 5/1/2019 11:58:47 AM

Quant Time: May 01 05:20:48 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	124782	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	466894	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	223280	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	383943	20.00	ng	0.00
76) Chrysene-d12	14.05	240	305594	20.00	ng	-0.02
87) Perylene-d12	15.54	264	233573	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	392410	53.79	ng	0.00
7) Phenol-d6	6.52	99	521551	56.98	ng	0.00
23) Nitrobenzene-d5	7.45	82	294365	38.93	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	138265	50.83	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	606748	42.50	ng	-0.01
79) Terphenyl-d14	13.00	244	610385	40.95	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.63	163	84787	5.251	ng	Qvalue 98
71) Phenanthrene	11.43	178	137399	7.121	ng	98
75) Fluoranthene	12.63	202	232711	11.054	ng	97
78) Pyrene	12.86	202	212016	9.921	ng	98
81) Benzo(a)anthracene	14.04	228	120438	6.689	ng	95
83) Chrysene	14.07	228	112922	6.440	ng	96
86) Indeno(1,2,3-cd)pyrene	17.03	276	38792	2.335	ng	93
88) Benzo(b)fluoranthene	15.10	252	110280m	7.462	ng	
89) Benzo(k)fluoranthene	15.13	252	32592m	2.564	ng	
90) Benzo(a)pyrene	15.47	252	69601	5.445	ng	# 86
92) Benzo(a,h,i)perylene	17.47	276	39367	3.251	ng	# 86

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

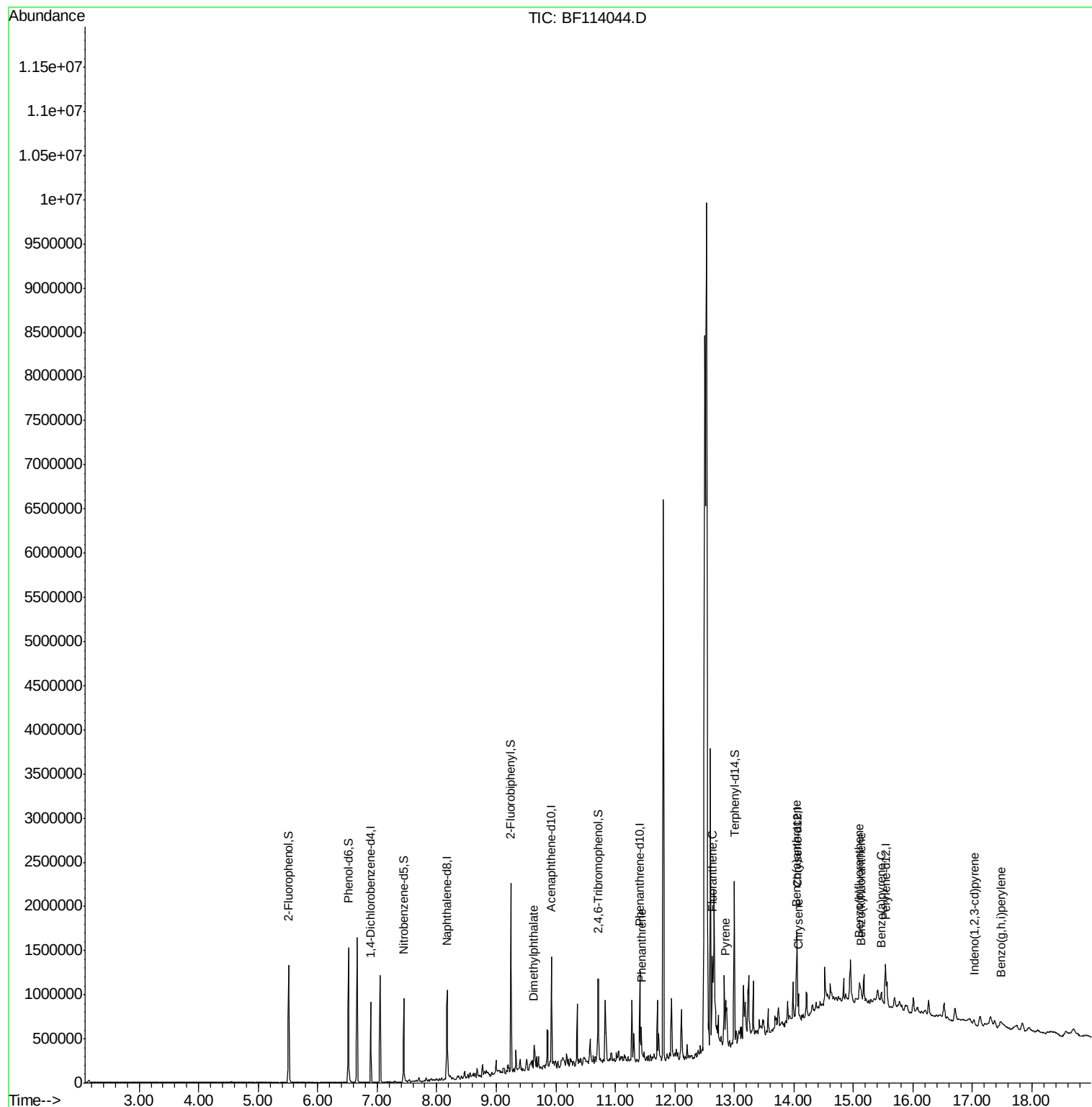
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114044.D
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Sample : K2194-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

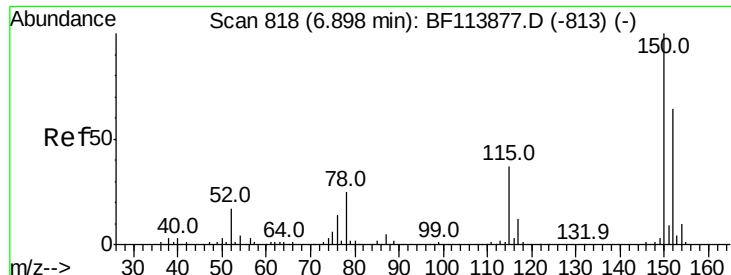
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-B

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Quant Time: May 01 05:20:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

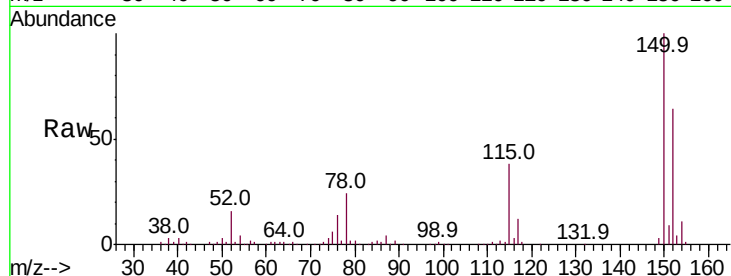
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114044.D
Acq: 30 Apr 2019 16:10

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.9	188.9
115	58.8	45.9	68.9

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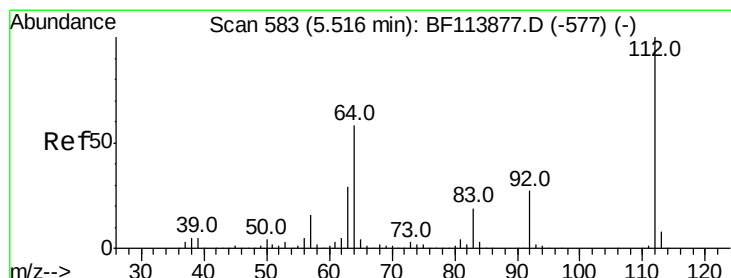
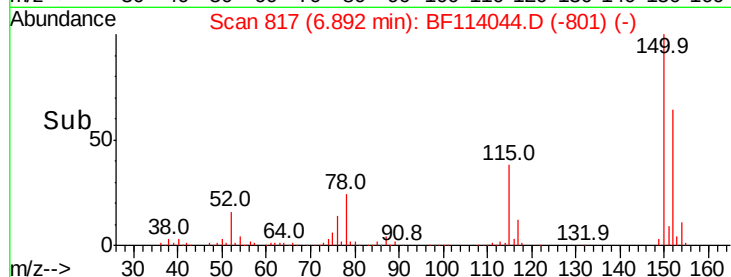
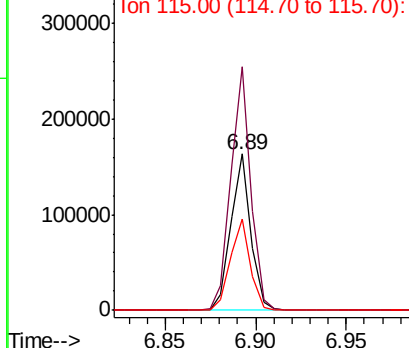


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

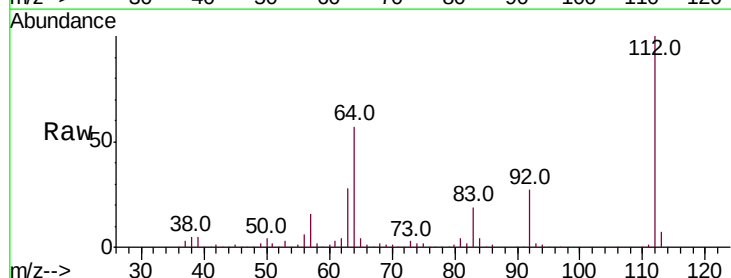
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 53.787 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF114044.D
Acq: 30 Apr 2019 16:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	46.6	69.8
63	28.3	23.1	34.7

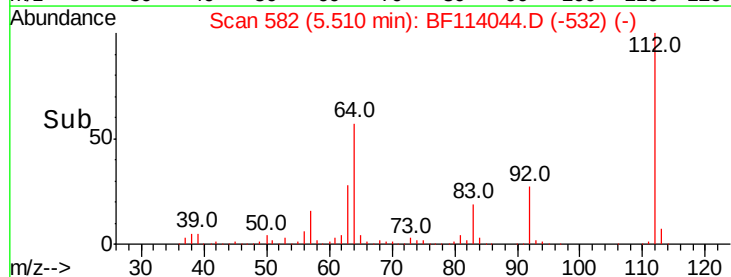
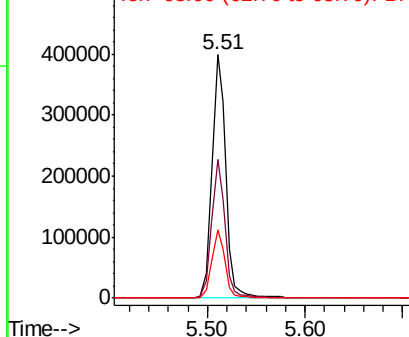


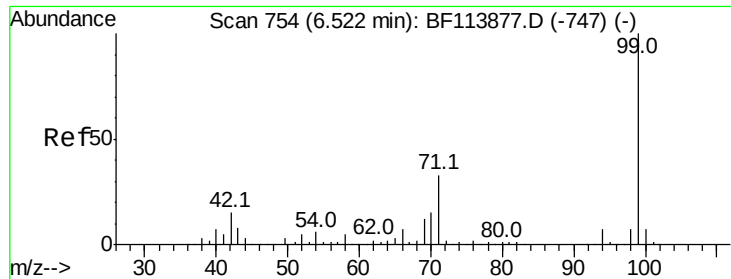
Abundance

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: 56.980 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF114044.D

Acq: 30 Apr 2019 16:10

Instrument :

BNA_F

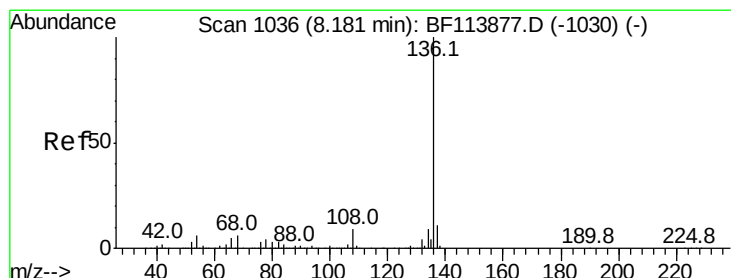
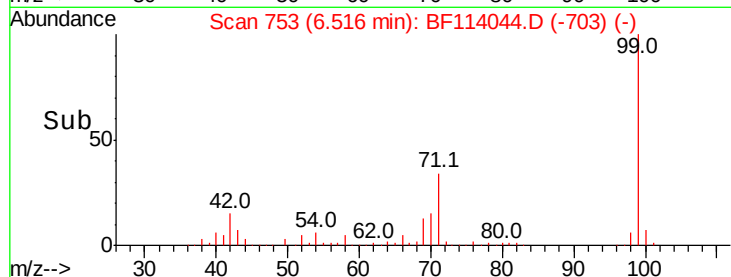
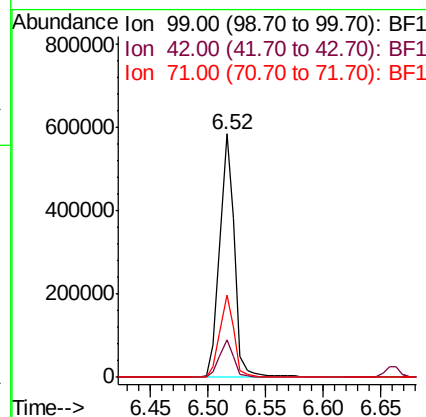
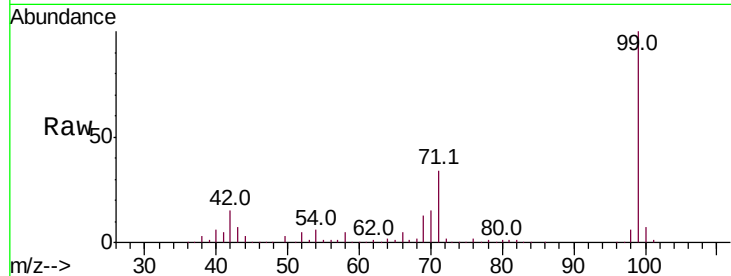
ClientSampleId :

JC-03-042919-B

Tot Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.5	18.7
71	33.8	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

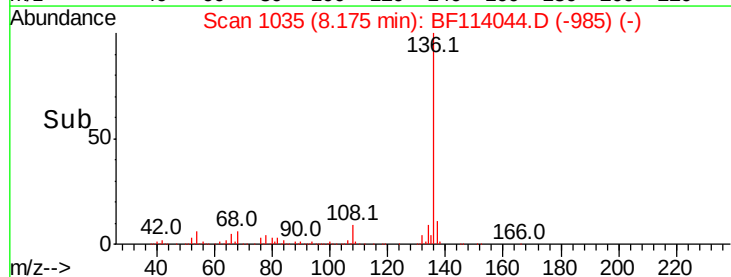
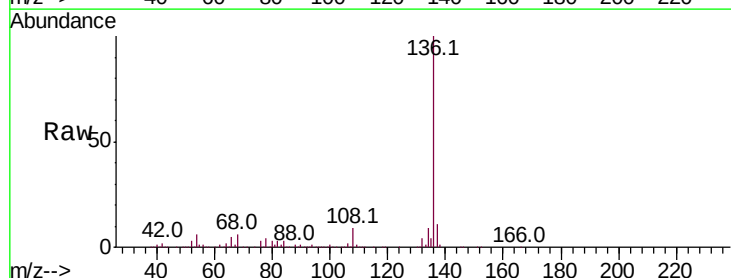
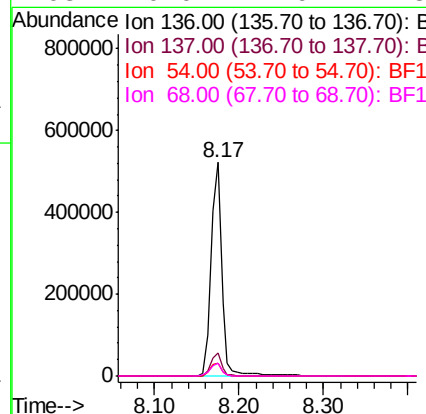
RT: 8.17 min Scan# 1035

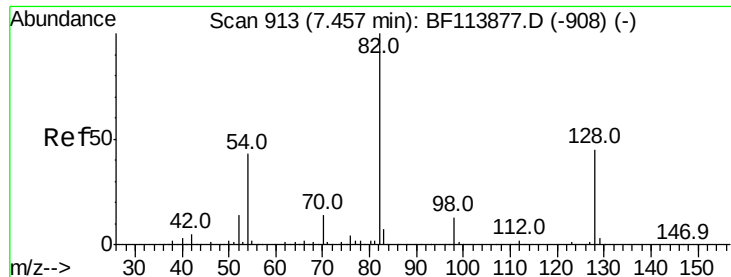
Delta R.T. -0.01 min

Lab File: BF114044.D

Acq: 30 Apr 2019 16:10

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	5.8	5.0	7.6
68	6.0	4.9	7.3





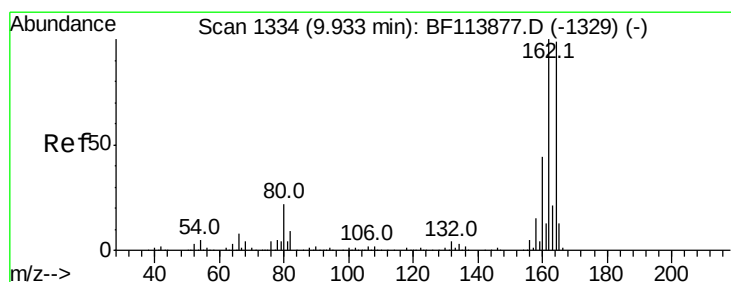
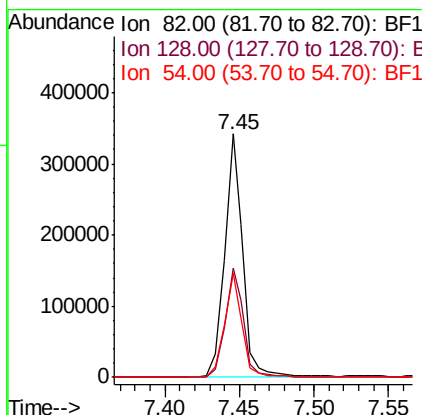
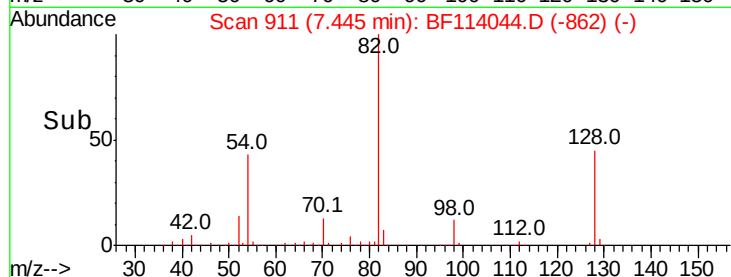
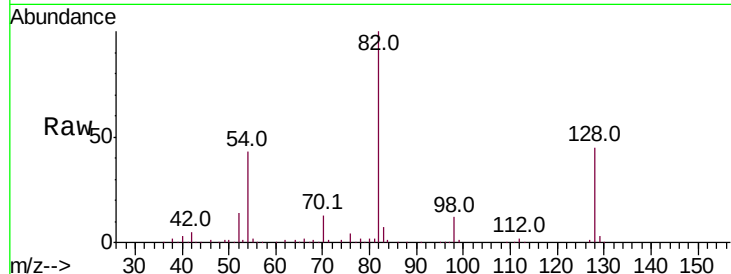
#23
 Nitrobenzene-d5
 Concen: 38.928 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF114044.D
 Acq: 30 Apr 2019 16:10

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100	294365		
128	45.0	36.8	55.2	
54	42.7	33.8	50.6	

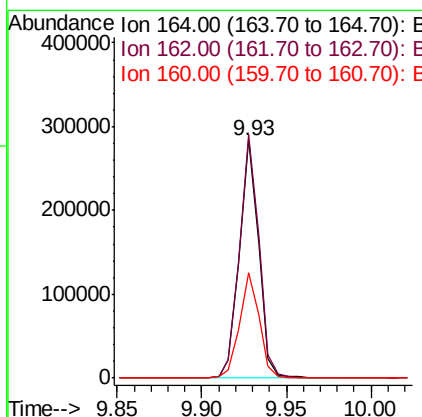
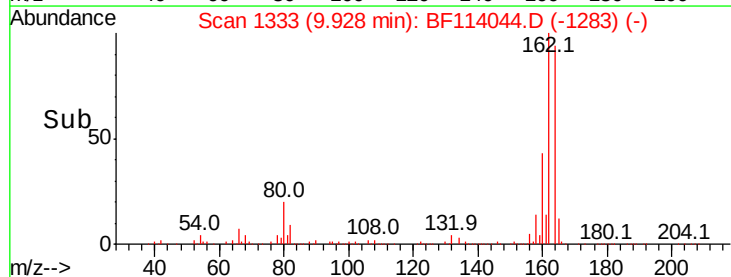
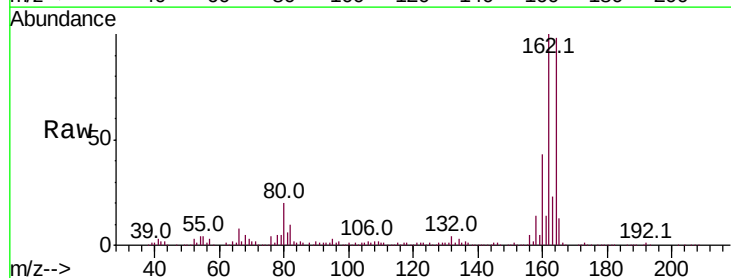
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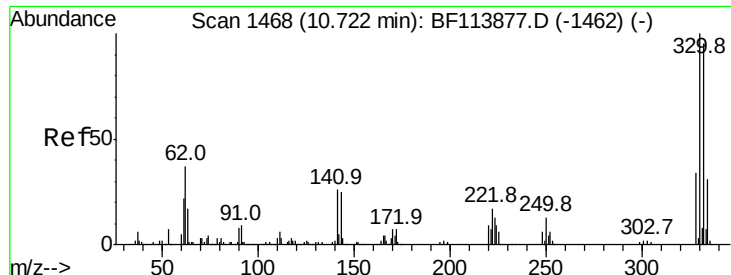
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF114044.D
 Acq: 30 Apr 2019 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	223280		
162	102.3	81.1	121.7	
160	44.0	35.8	53.6	





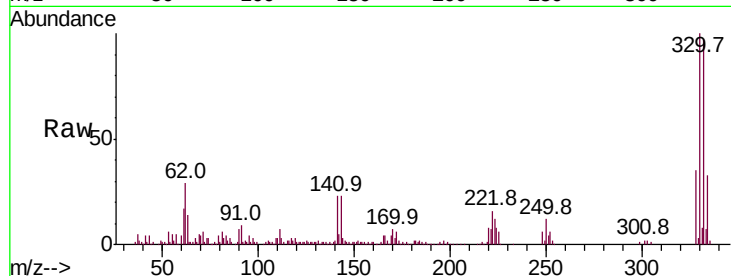
#42
 2,4,6-Tribromophenol
 Concen: 50.833 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF114044.D
 Acq: 30 Apr 2019 16:10

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	138265		
332	97.7	77.5	116.3	
141	27.9	22.2	33.2	

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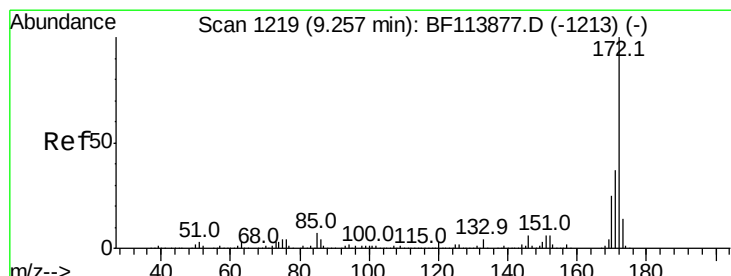
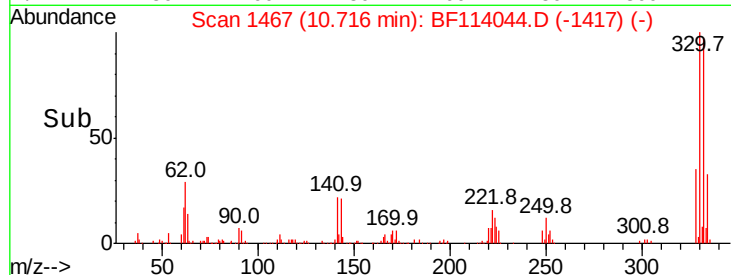
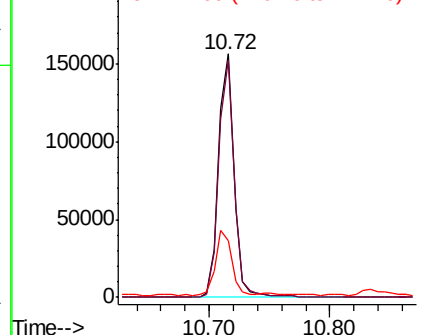


Abundance

Ion 329.80 (329.50 to 330.50): E

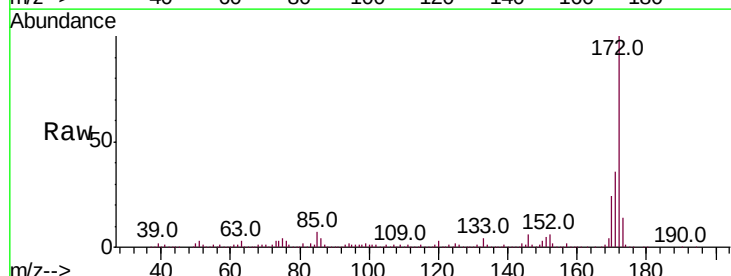
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 42.501 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF114044.D
 Acq: 30 Apr 2019 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	606748		
171	35.8	29.4	44.0	
170	23.9	19.9	29.9	

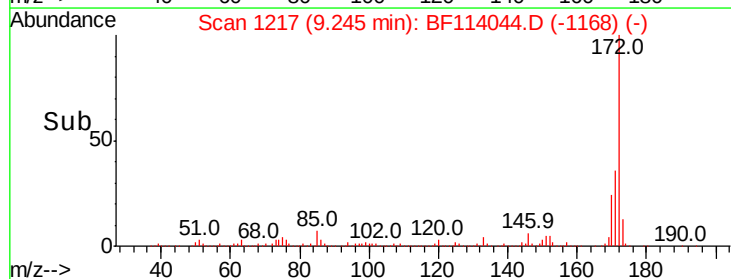
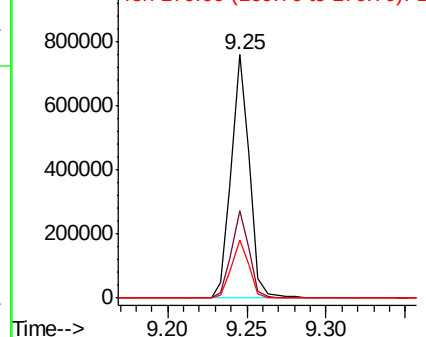


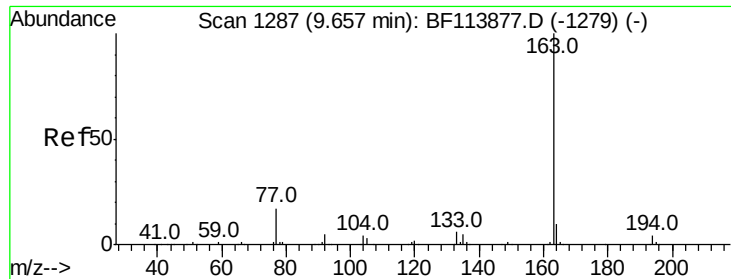
Abundance

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





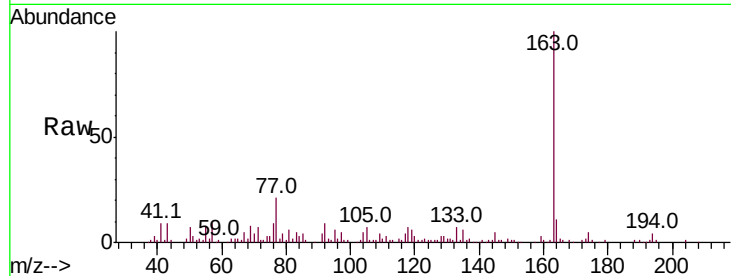
#50
Dimethylphthalate
Concen: 5.251 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF114044.D
Acq: 30 Apr 2019 16:10

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

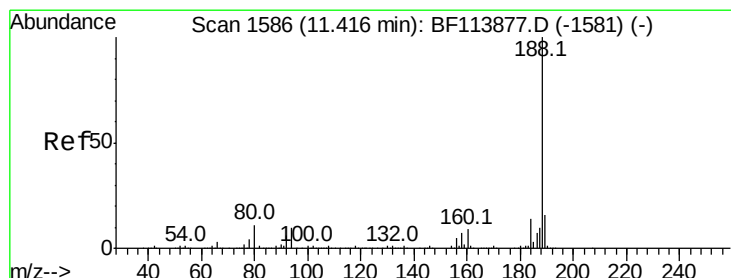
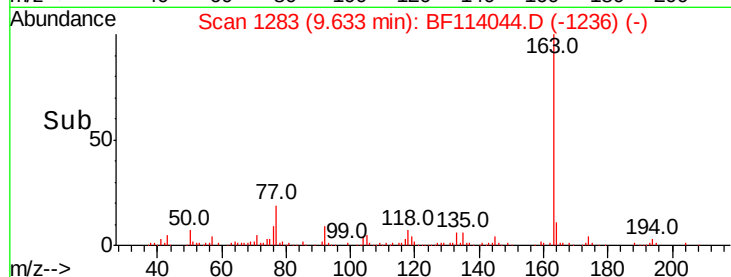
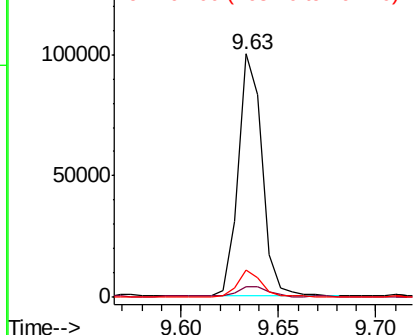
Tot Ion:	163	Resp:	84787
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.2
164	11.4	8.5	12.7

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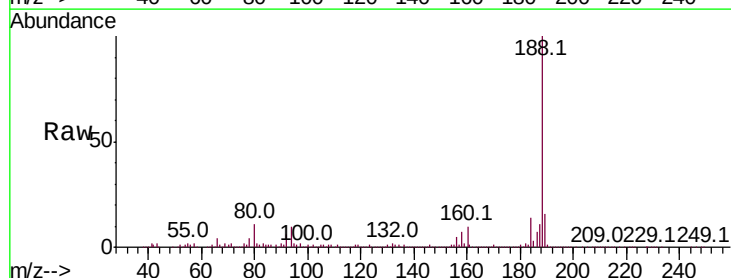


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

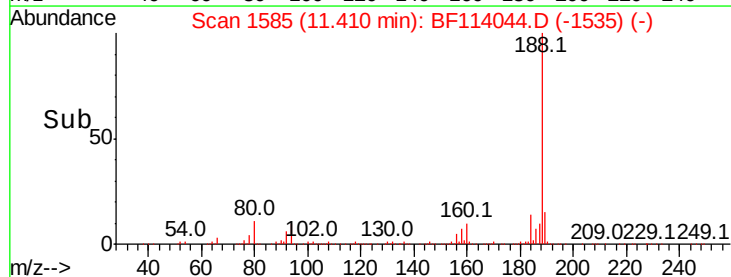
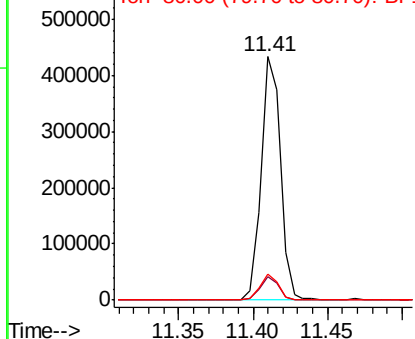


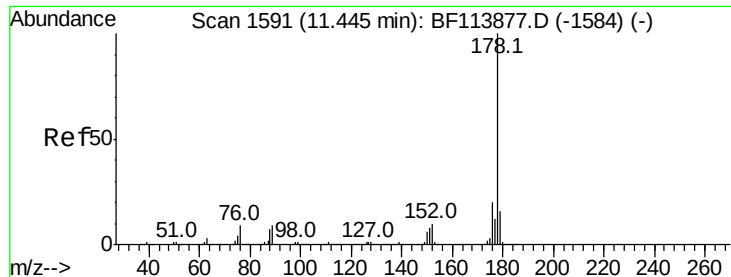
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF114044.D
Acq: 30 Apr 2019 16:10

Tgt Ion:	188	Resp:	383943
Ion Ratio	Lower	Upper	
188	100		
94	9.9	8.2	12.4
80	10.8	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





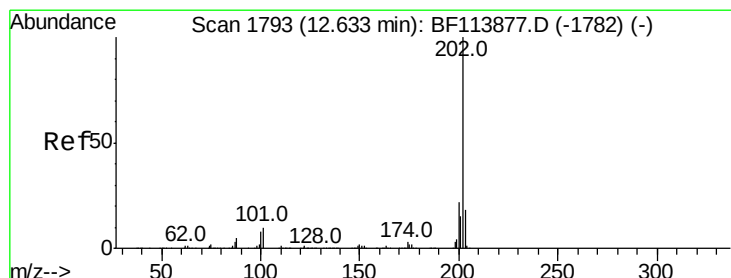
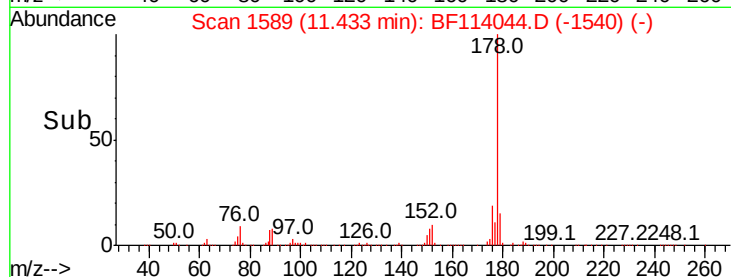
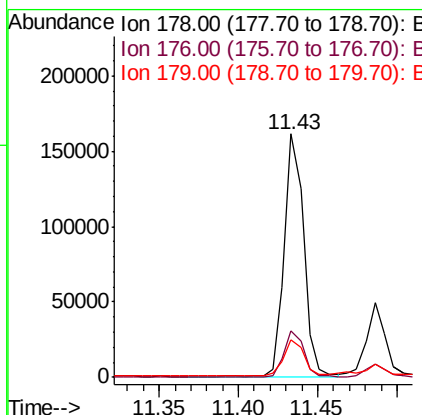
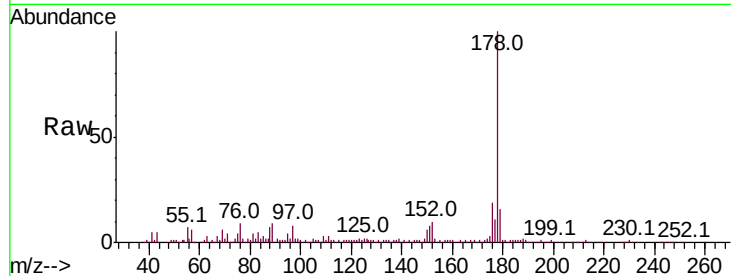
#71
Phenanthrene
Concen: 7.121 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF114044.D
Acq: 30 Apr 2019 16:10

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.1	24.1
179	15.6	12.8	19.2

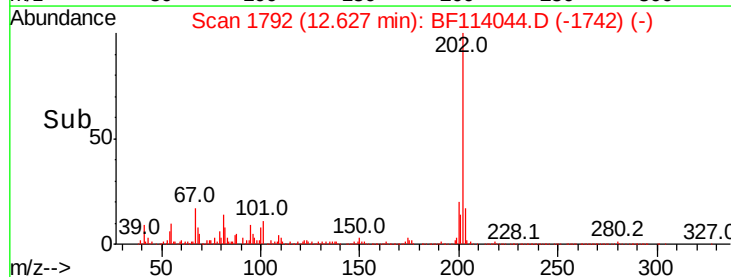
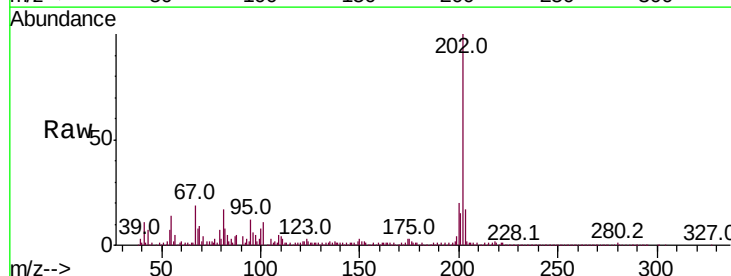
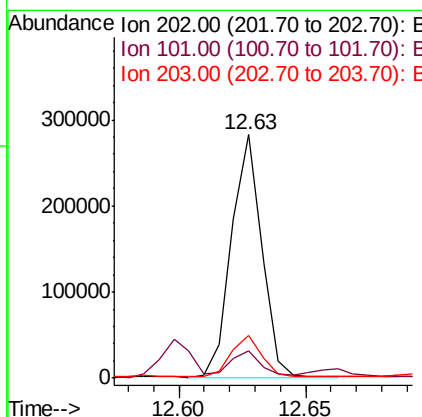
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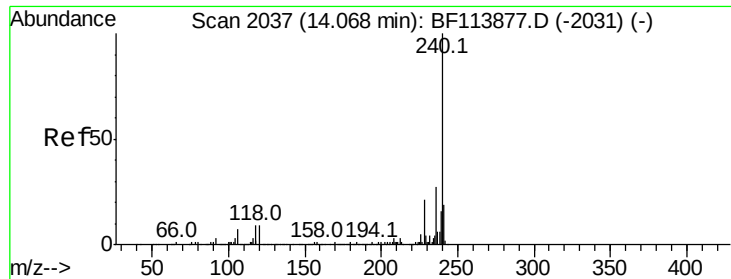
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#75
Fluoranthene
Concen: 11.054 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF114044.D
Acq: 30 Apr 2019 16:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	32.9
203	17.4	0.0	38.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF114044.D

Acq: 30 Apr 2019 16:10

Instrument :

BNA_F

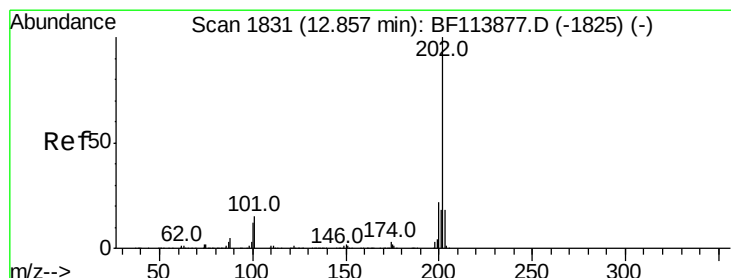
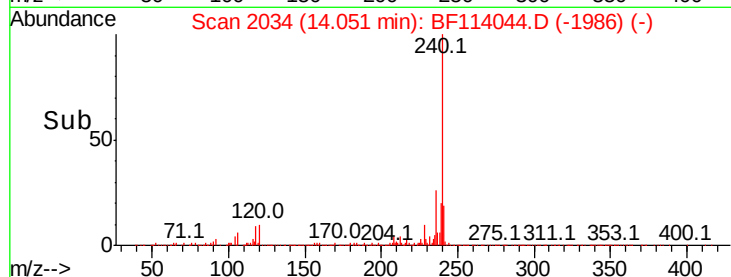
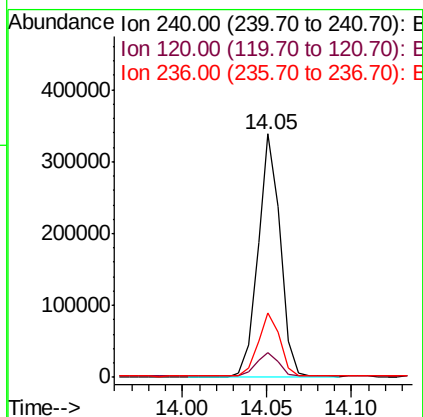
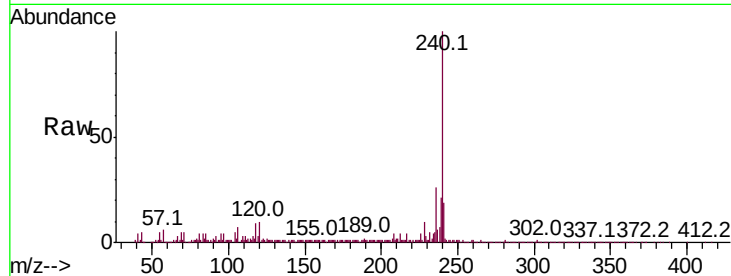
ClientSampleId :

JC-03-042919-B

Tot Ion:	240	Resp:	305594
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.3	13.9
236	26.5	21.2	31.8

Manual Integrations
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#78

Pyrene

Concen: 9.921 ng

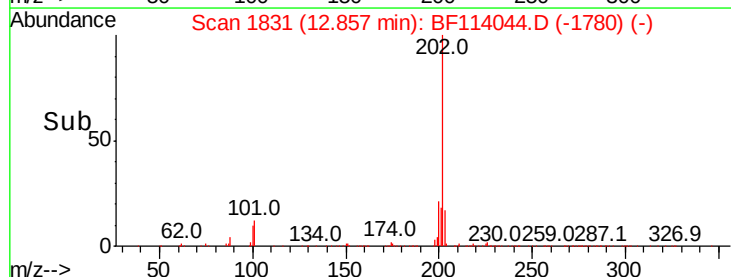
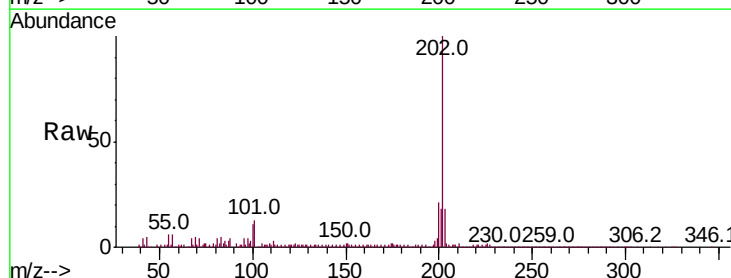
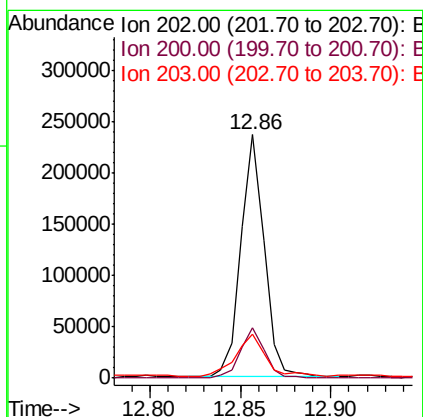
RT: 12.86 min Scan# 1831

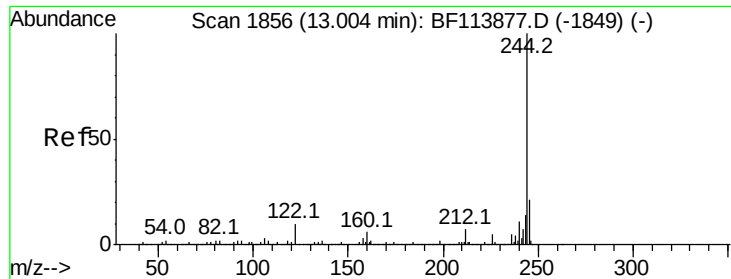
Delta R.T. 0.00 min

Lab File: BF114044.D

Acq: 30 Apr 2019 16:10

Tgt Ion:	202	Resp:	212016
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.7	26.5
203	18.1	15.0	22.6





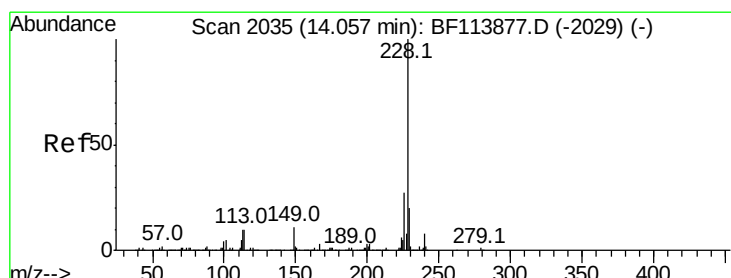
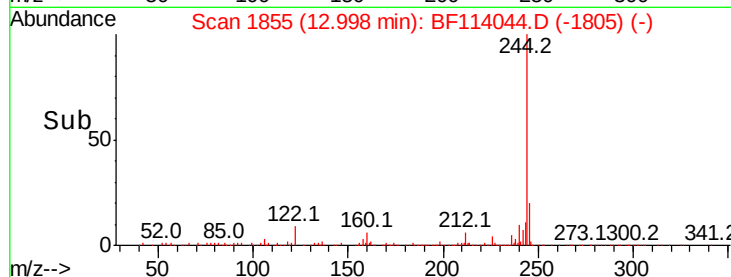
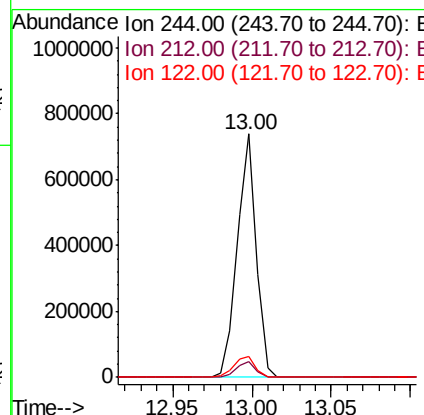
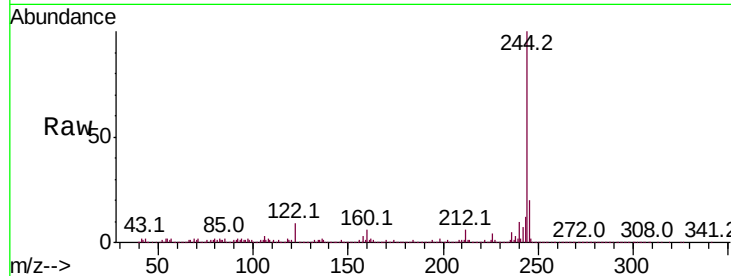
#79
 Terphenyl-d14
 Concen: 40.949 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF114044.D
 Acq: 30 Apr 2019 16:10

Instrument :
 BNA_F
 ClientSampleID :
 JC-03-042919-B

Tot Ion	Ratio	Resp	Lower	Upper
244	100	610385		
212	6.4		5.4	8.2
122	8.8		7.6	11.4

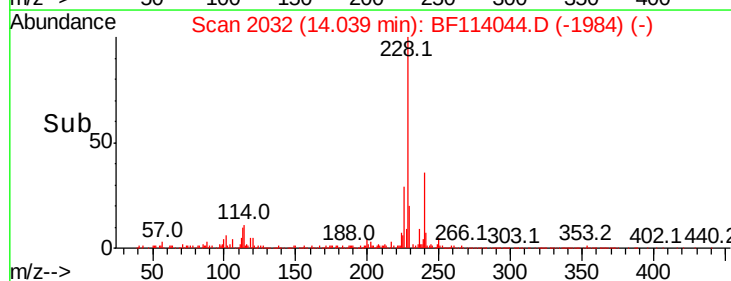
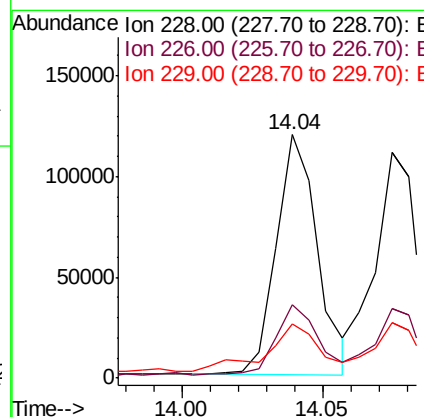
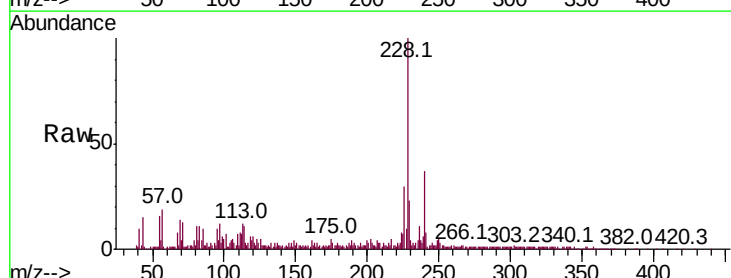
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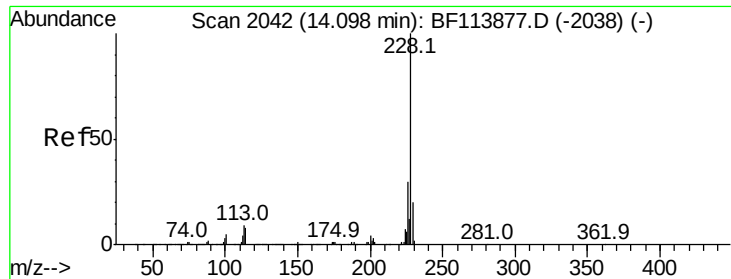
Sohil
 5/1/2019 11:58:47 AM



#81
 Benzo(a)anthracene
 Concen: 6.689 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.02 min
 Lab File: BF114044.D
 Acq: 30 Apr 2019 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	120438		
226	30.0		22.2	33.2
229	22.5		16.0	24.0





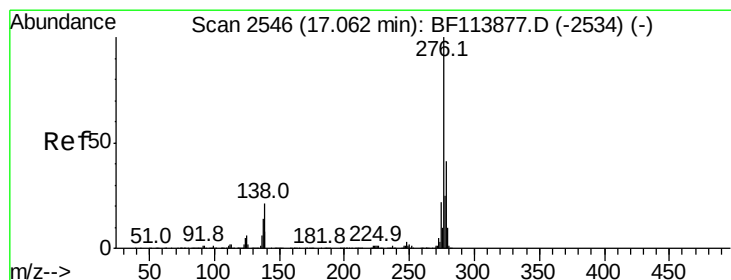
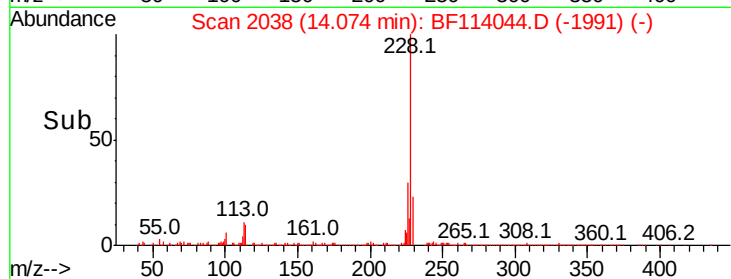
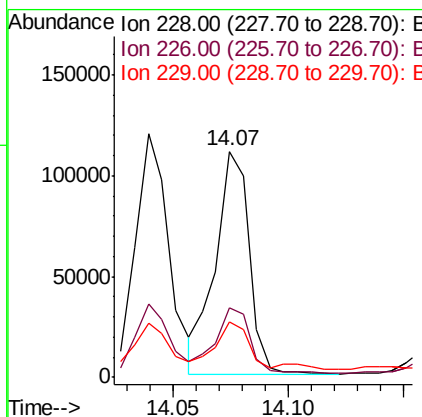
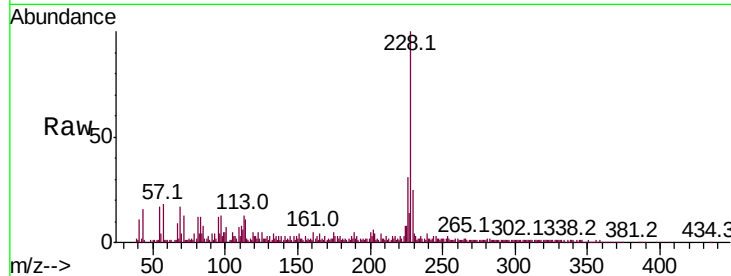
#83
Chrysene
Concen: 6.440 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.02 min
Lab File: BF114044.D
Acq: 30 Apr 2019 16:10

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.2	37.8
229	24.7	16.7	25.1

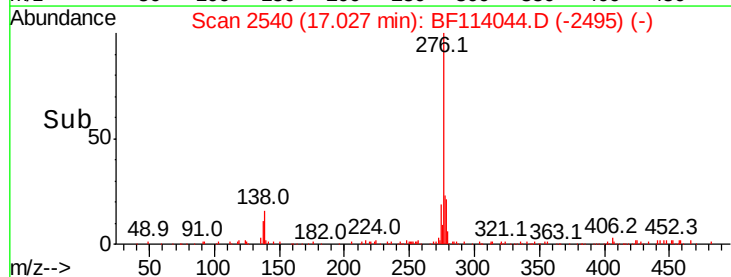
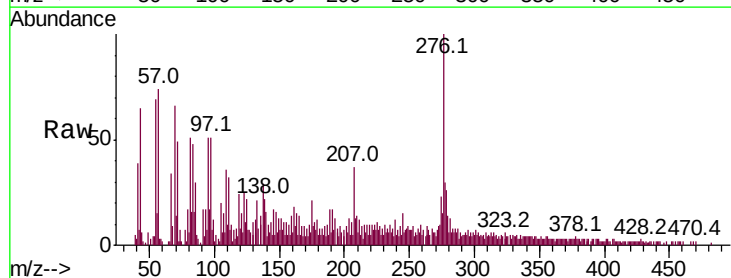
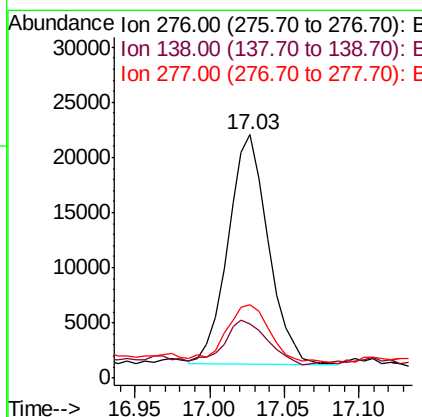
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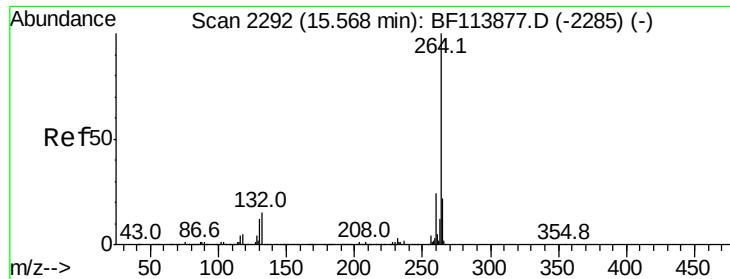
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.335 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.04 min
Lab File: BF114044.D
Acq: 30 Apr 2019 16:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	19.6	29.4
277	28.8	20.2	30.4





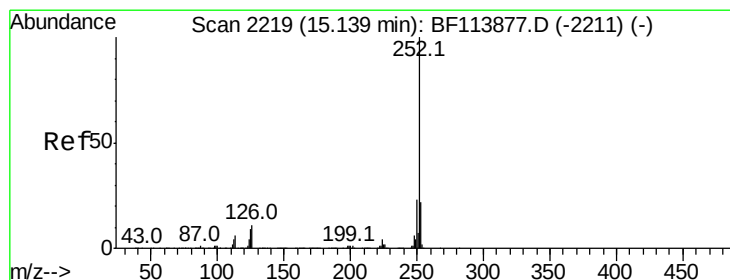
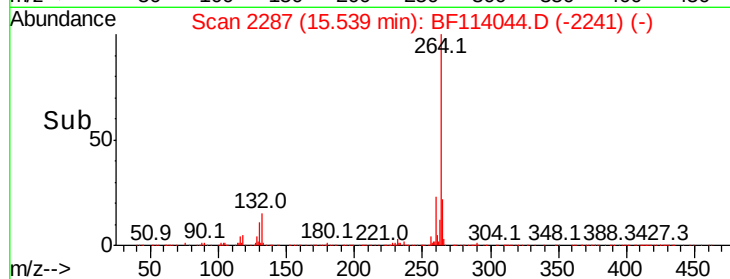
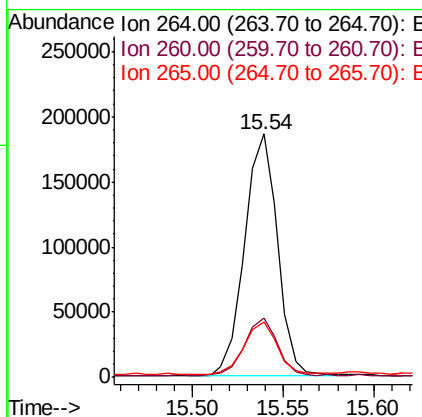
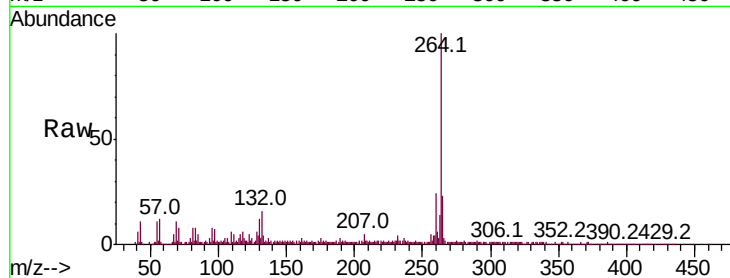
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.03 min
Lab File: BF114044.D
Acq: 30 Apr 2019 16:10

Instrument :
BNA_F
ClientSampleID :
JC-03-042919-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	22.8	17.3	25.9

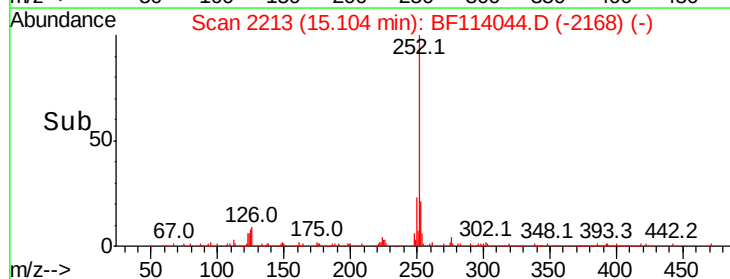
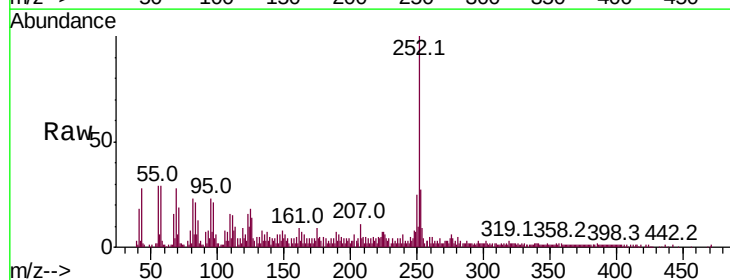
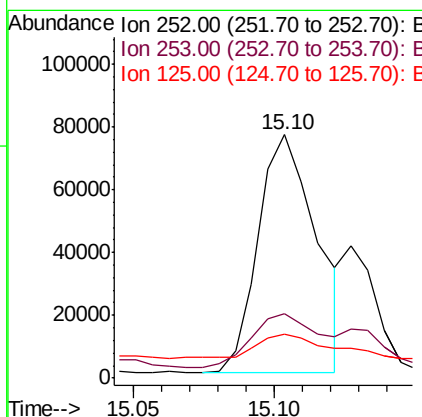
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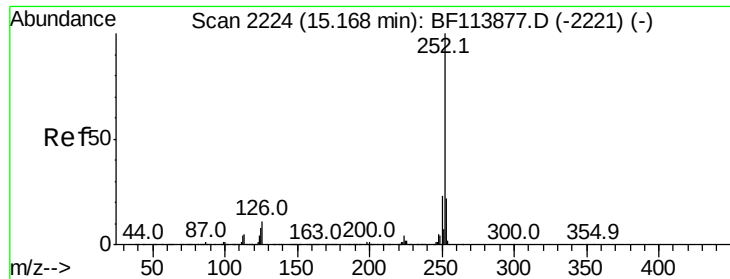
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#88
Benzo(b)fluoranthene
Concen: 7.462 ng m
RT: 15.10 min Scan# 2213
Delta R.T. -0.04 min
Lab File: BF114044.D
Acq: 30 Apr 2019 16:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.8	26.6
125	18.1	7.0	10.6#





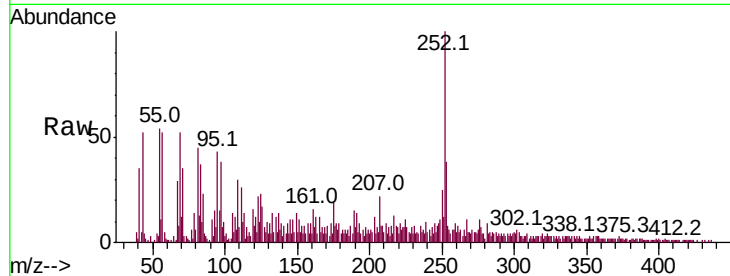
#89
Benzo(k)fluoranthene
Concen: 2.564 ng m
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF114044.D
Acq: 30 Apr 2019 16:10

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	37.6	18.2	27.2#
125	22.9	7.4	11.2#

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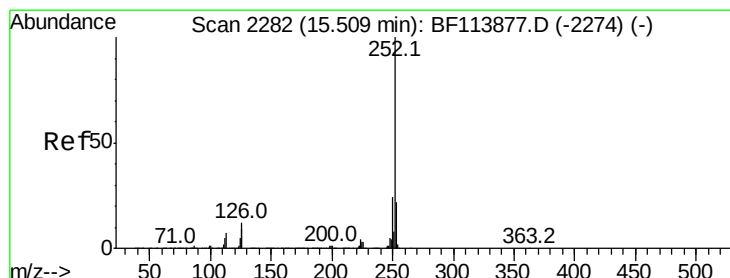
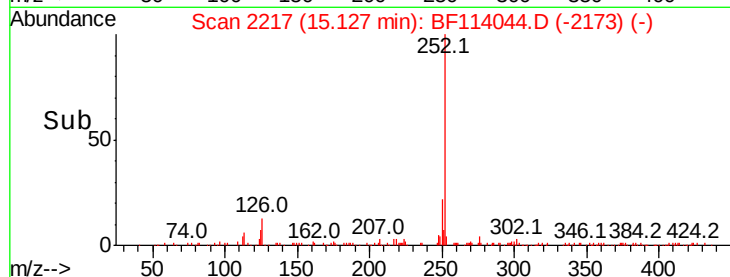
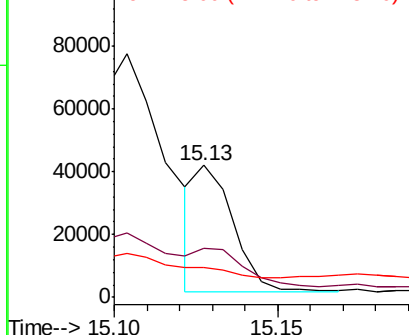


Abundance

Ion 252.00 (251.70 to 252.70): E

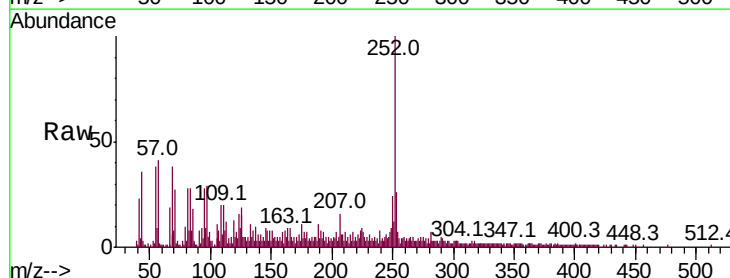
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 5.445 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.04 min
Lab File: BF114044.D
Acq: 30 Apr 2019 16:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.5	26.3
125	19.5	8.5	12.7#

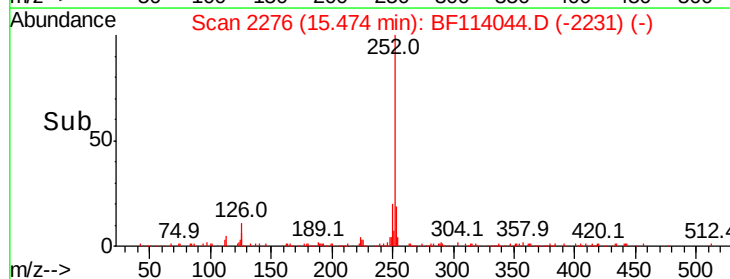
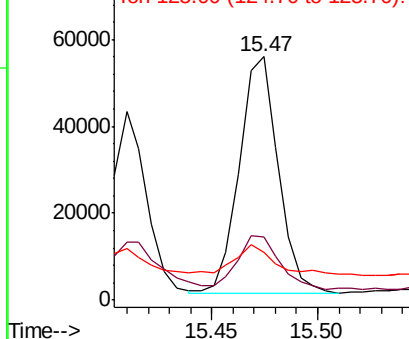


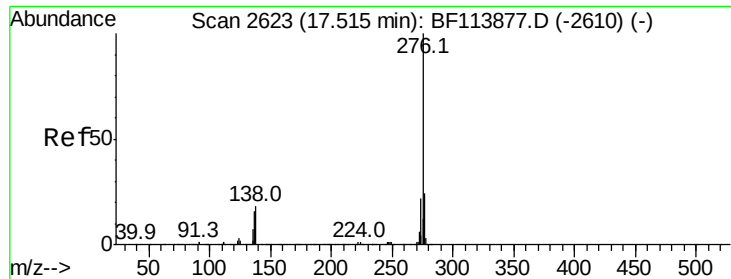
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 3.251 ng
 RT: 17.47 min Scan# 2616
 Delta R.T. -0.04 min
 Lab File: BF114044.D
 Acq: 30 Apr 2019 16:10

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	31.9	19.0	28.4#
138	25.5	16.6	25.0#

Manual Integrations
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