

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
 Data File : BF114062.D
 Acq On : 1 May 2019 12:09
 Operator : JU/SJ
 Sample : K2194-05RE 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
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 5/2/2019 4:53:33 PM

Quant Time: May 01 15:05:39 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	122879	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	469981	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	249113	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	413211	20.00	ng	0.00
76) Chrysene-d12	14.07	240	363086	20.00	ng	0.00
87) Perylene-d12	15.58	264	276847	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	313350	43.62	ng	0.00
7) Phenol-d6	6.52	99	442387	49.08	ng	0.00
23) Nitrobenzene-d5	7.45	82	261795	34.39	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	132934	43.80	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	509612	32.00	ng	0.00
79) Terphenyl-d14	13.01	244	608058	34.33	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.64	163	72573	4.028	ng	99
71) Phenanthrene	11.45	178	248764	11.979	ng	98
72) Anthracene	11.49	178	108840	5.190	ng	97
75) Fluoranthene	12.64	202	650034	28.691	ng	98
78) Pyrene	12.87	202	706802	27.837	ng	99
81) Benzo(a)anthracene	14.06	228	381553	17.836	ng	96
83) Chrysene	14.10	228	335382	16.098	ng	97
86) Indeno(1,2,3-cd)pyrene	17.09	276	112454	5.698	ng	95
88) Benzo(b)fluoranthene	15.14	252	331611m	18.932	ng	
89) Benzo(k)fluoranthene	15.17	252	127587m	8.468	ng	
90) Benzo(a)pyrene	15.52	252	257813	17.017	ng	96
91) Dibenzo(a,h)anthracene	17.09	278	29314	2.061	ng	# 72
92) Benzo(a,h,i)perylene	17.54	276	109633	7.639	ng	96

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

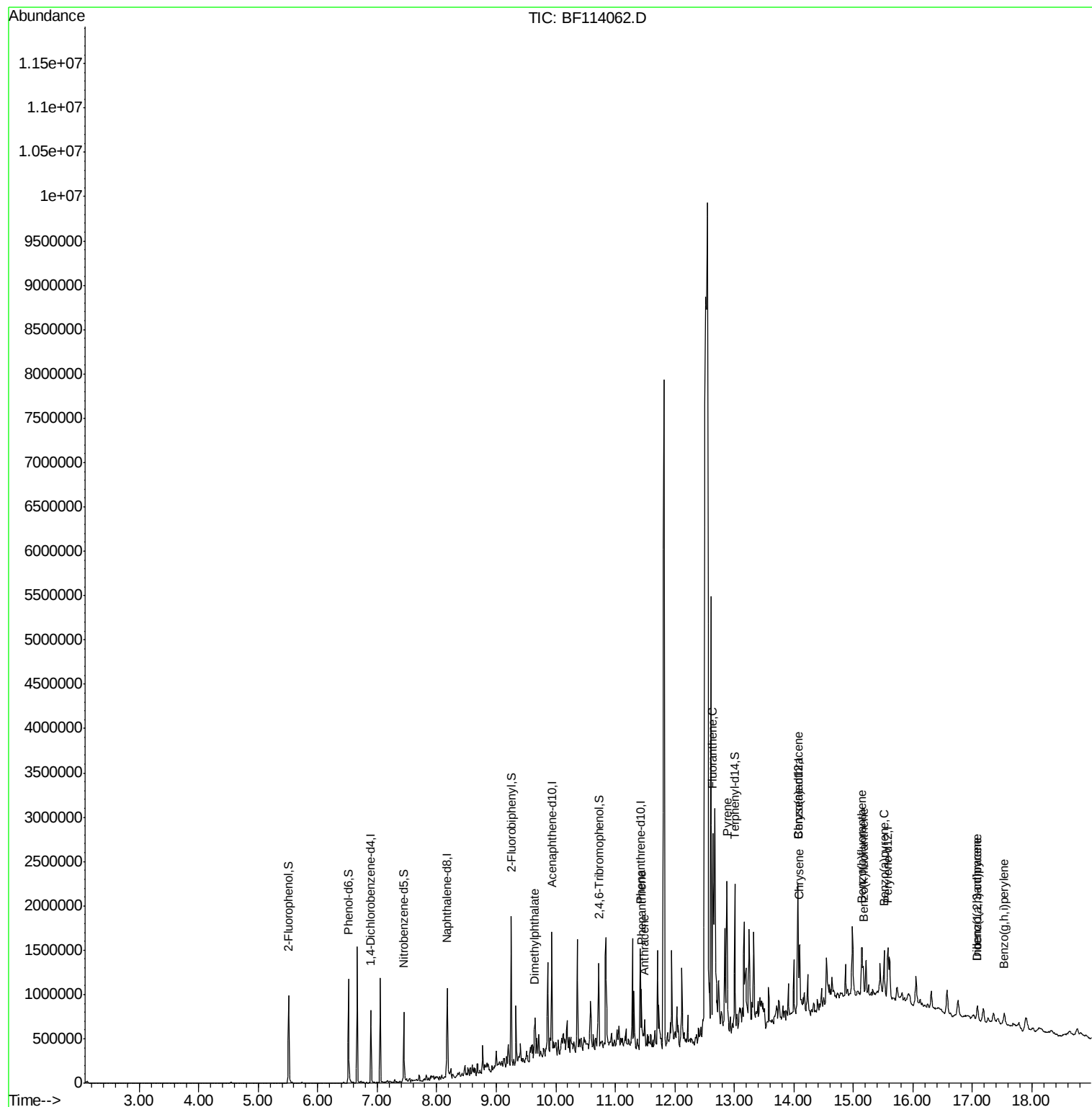
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
Data File : BF114062.D
Acq On : 1 May 2019 12:09
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Sample : K2194-05RE 2X
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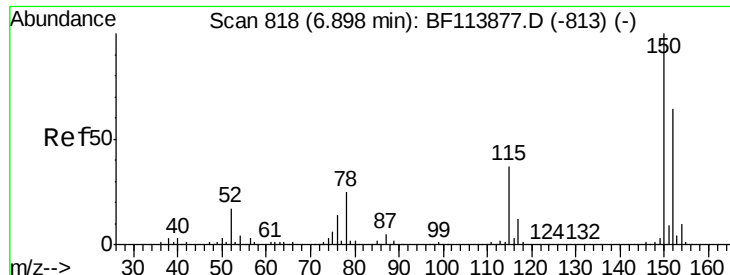
Instrument :
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JC-03-042919-CRE

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
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#1

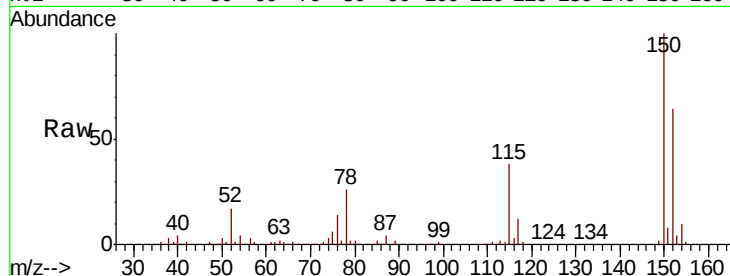
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114062.D
Acq: 1 May 2019 12:09

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.9	188.9
115	59.3	45.9	68.9

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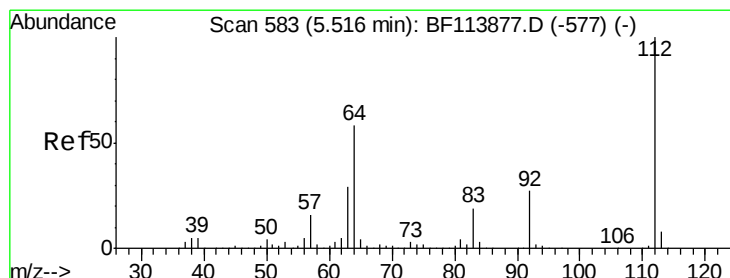
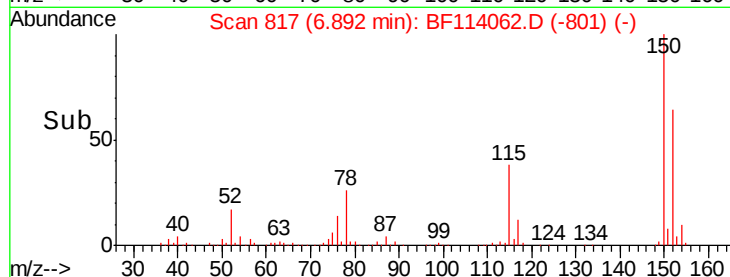
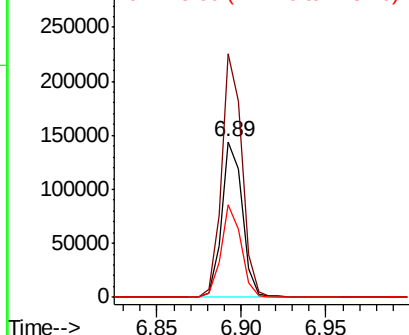


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

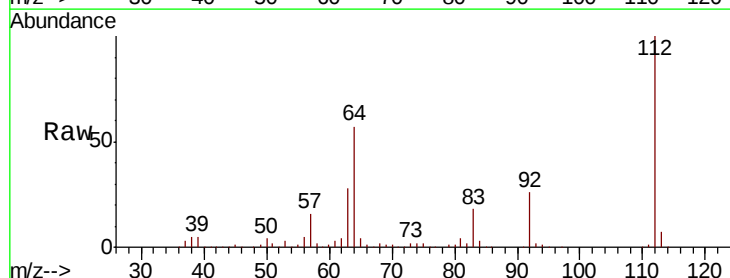
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.615 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF114062.D
Acq: 1 May 2019 12:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	46.6	69.8
63	28.1	23.1	34.7

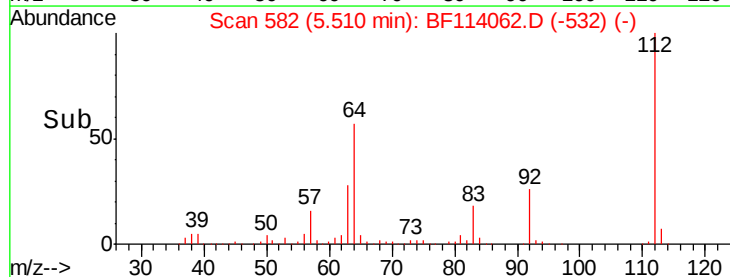
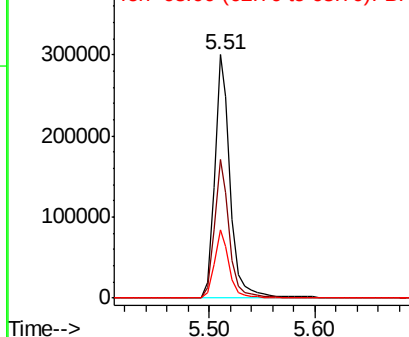


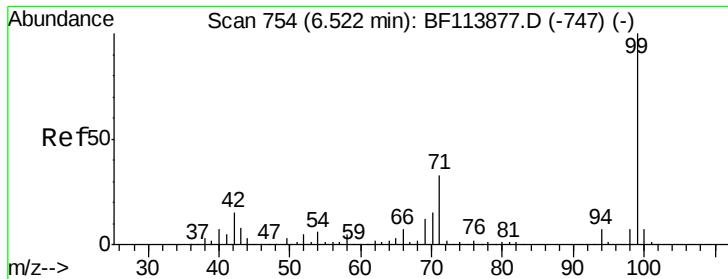
Abundance

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: 49.079 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF114062.D

Acq: 1 May 2019 12:09

Instrument :

BNA_F

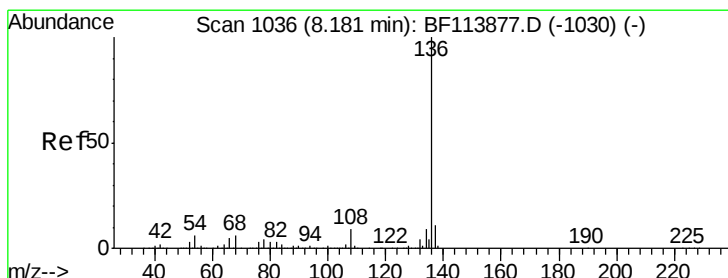
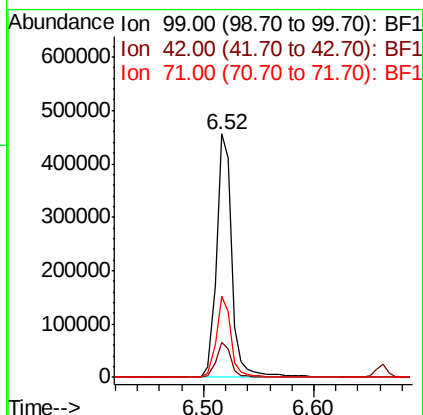
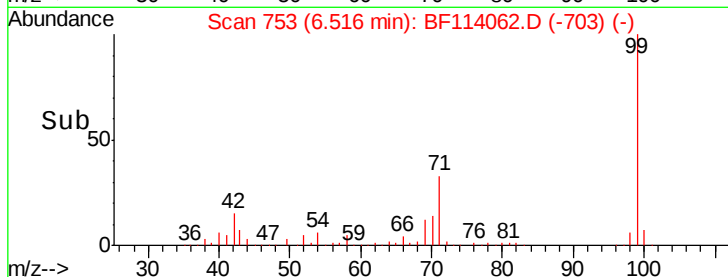
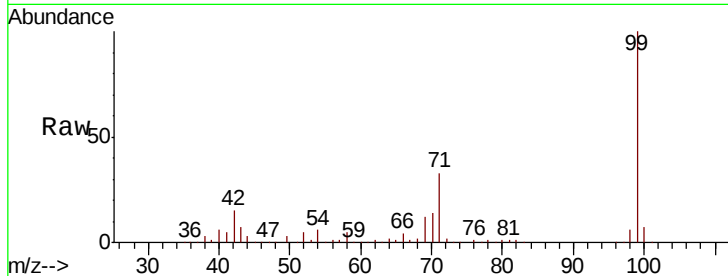
ClientSampleId :

JC-03-042919-CRE

Tot Ion:	99	Resp:	442387
Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.5	18.7
71	33.4	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

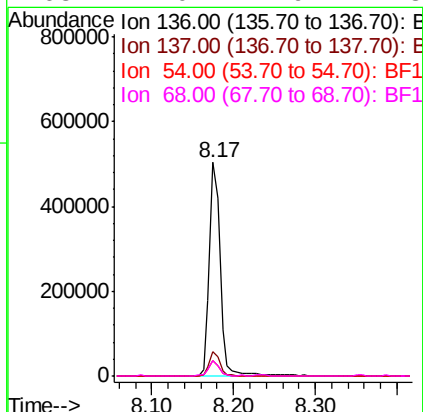
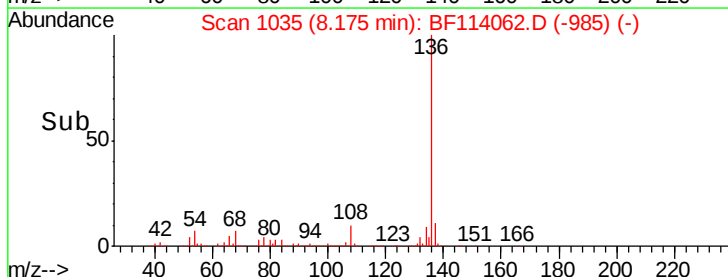
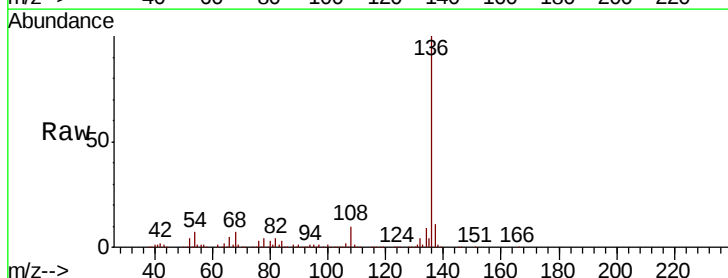
RT: 8.17 min Scan# 1035

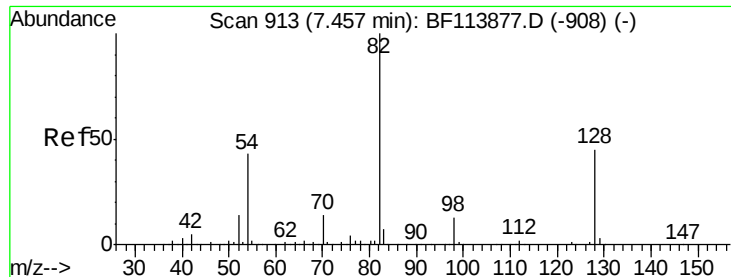
Delta R.T. -0.01 min

Lab File: BF114062.D

Acq: 1 May 2019 12:09

Tgt Ion:	136	Resp:	469981
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	7.1	5.0	7.6
68	7.0	4.9	7.3





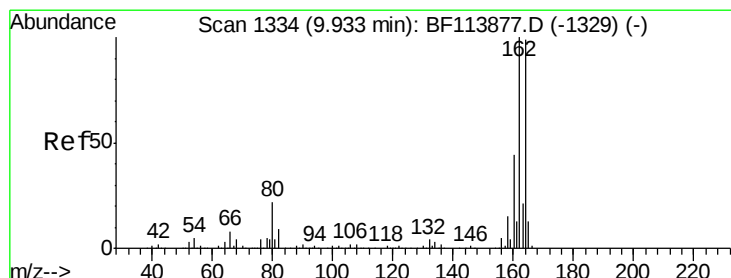
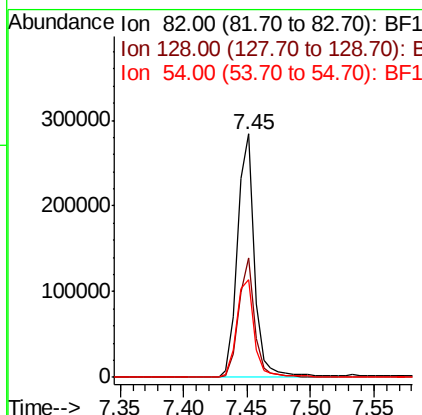
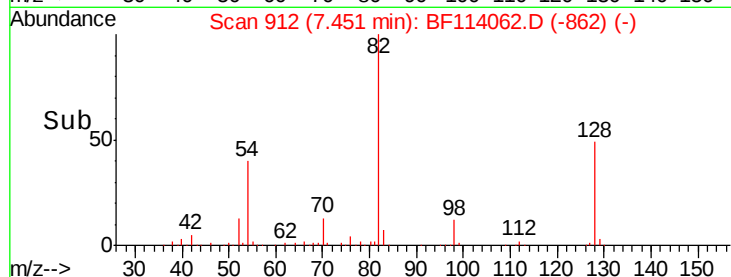
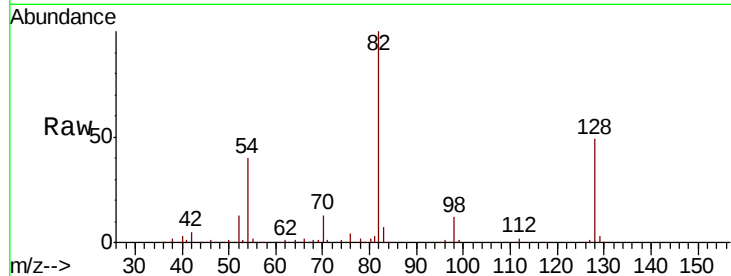
#23
Nitrobenzene-d5
Concen: 34.393 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF114062.D
Acq: 1 May 2019 12:09

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100	261795		
128	49.3	36.8	55.2	
54	40.0	33.8	50.6	

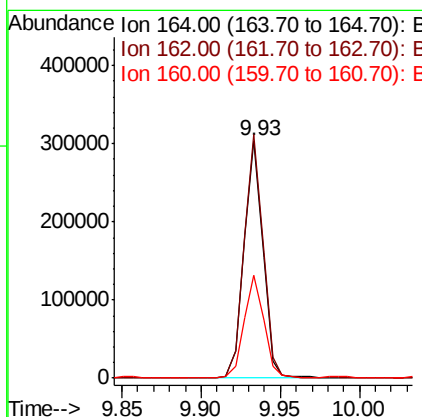
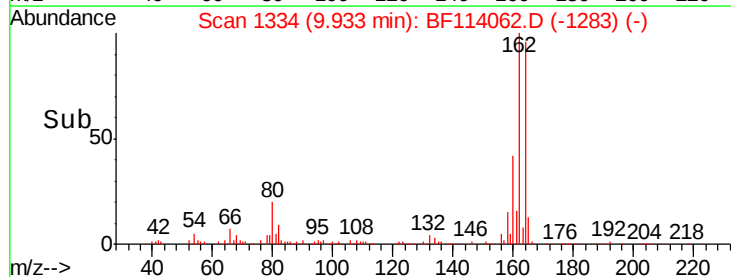
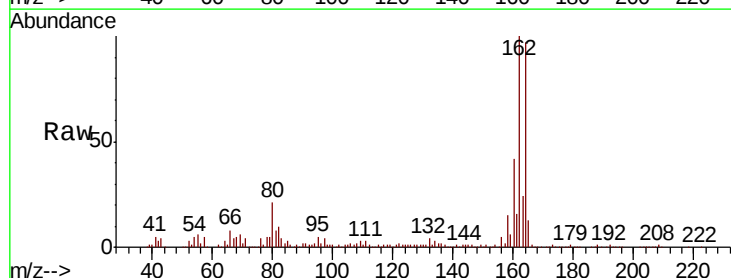
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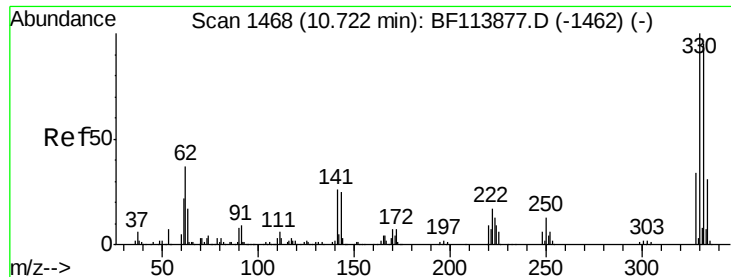
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF114062.D
Acq: 1 May 2019 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	249113		
162	102.6	81.1	121.7	
160	43.5	35.8	53.6	





#42

2,4,6-Tribromophenol

Concen: 43.805 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF114062.D

Acq: 1 May 2019 12:09

Instrument :

BNA_F

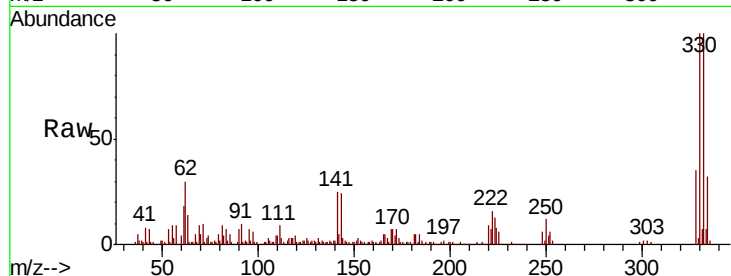
ClientSampleId :

JC-03-042919-CRE

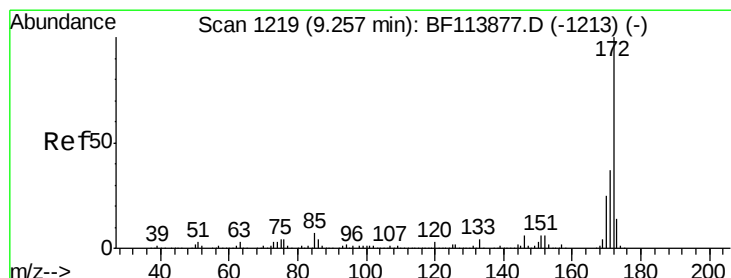
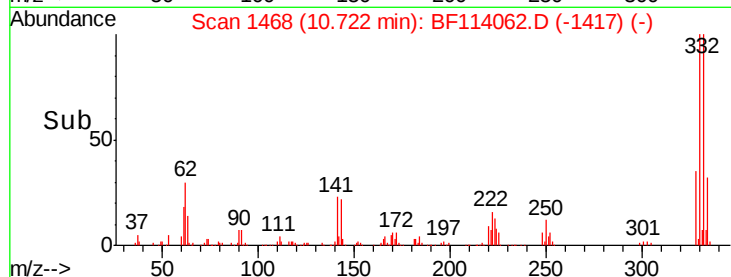
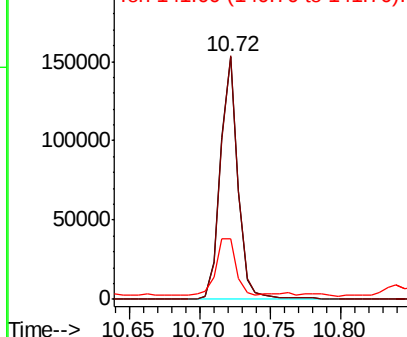
Tot Ion:	330	Resp:	132934
Ion Ratio	Lower	Upper	
330	100		
332	99.7	77.5	116.3
141	26.3	22.2	33.2

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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: 31.995 ng

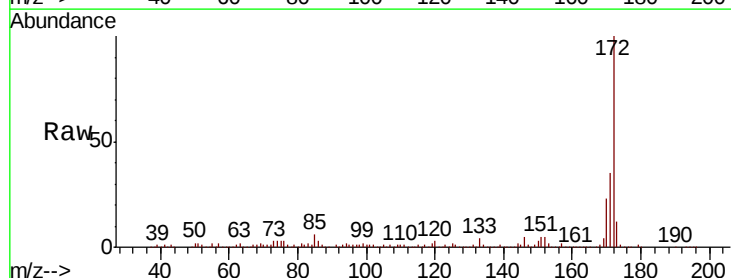
RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

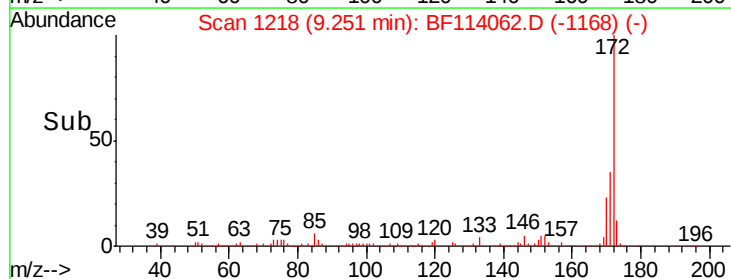
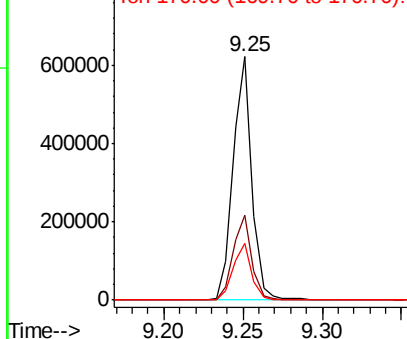
Lab File: BF114062.D

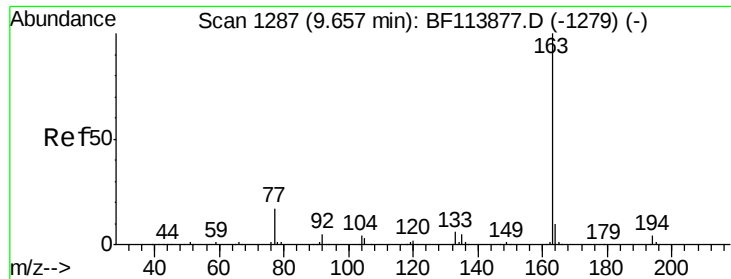
Acq: 1 May 2019 12:09

Tgt Ion:	172	Resp:	509612
Ion Ratio	Lower	Upper	
172	100		
171	35.0	29.4	44.0
170	23.3	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





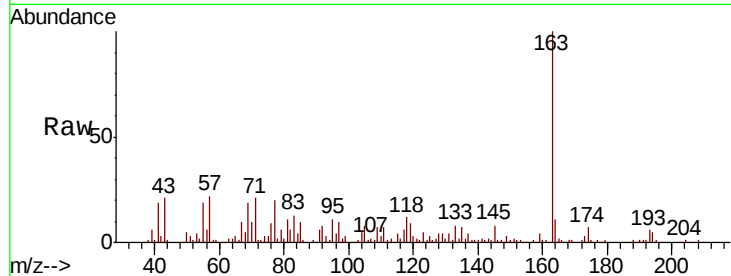
#50
Dimethylphthalate
Concen: 4.028 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF114062.D
Acq: 1 May 2019 12:09

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

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.2
164	10.5	8.5	12.7

Manual Integrations
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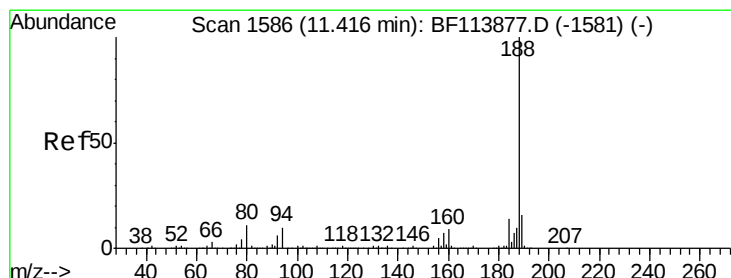
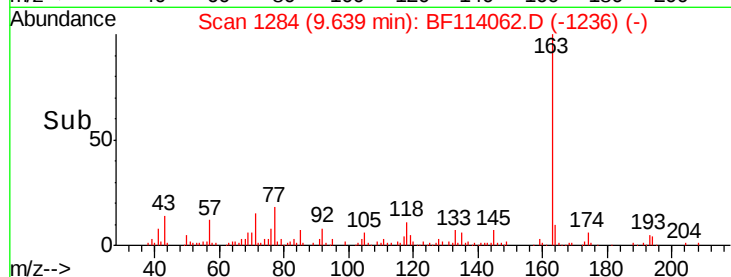
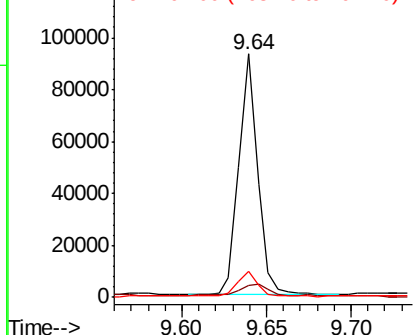


Abundance

Ion 163.00 (162.70 to 163.70): E

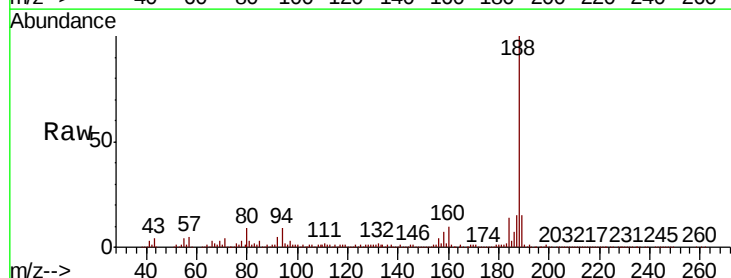
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF114062.D
Acq: 1 May 2019 12:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.4
80	9.4	9.0	13.6

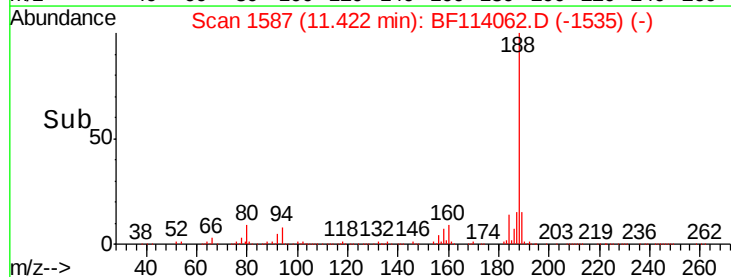
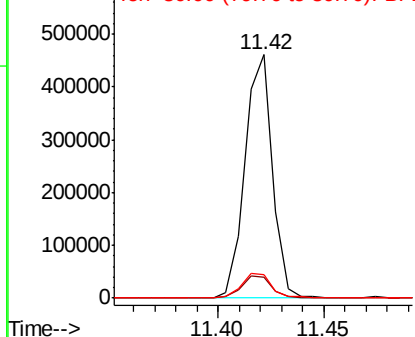


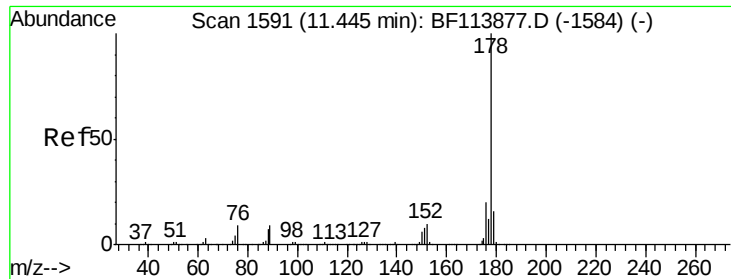
Abundance

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





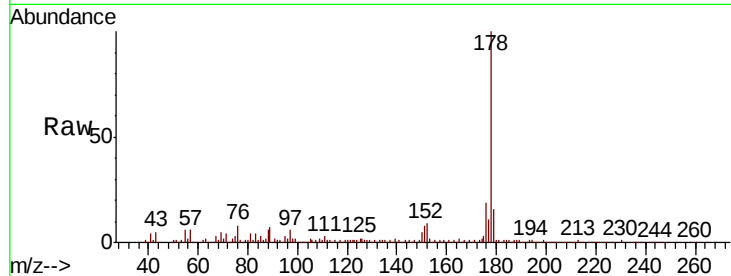
#71
Phenanthrene
Concen: 11.979 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF114062.D
Acq: 1 May 2019 12:09

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.1	24.1
179	15.9	12.8	19.2

Manual Integrations
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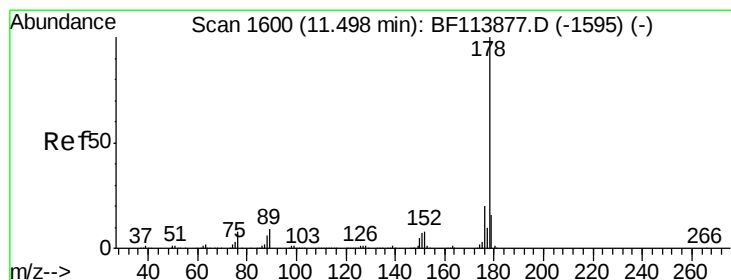
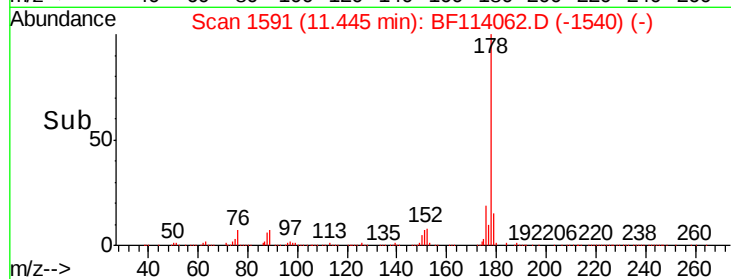
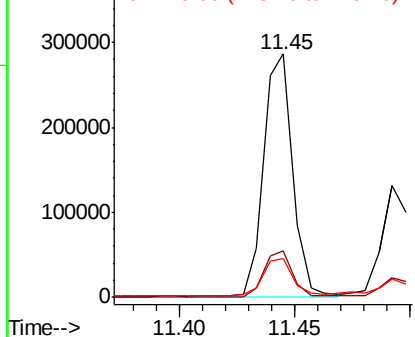


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 5.190 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF114062.D
Acq: 1 May 2019 12:09

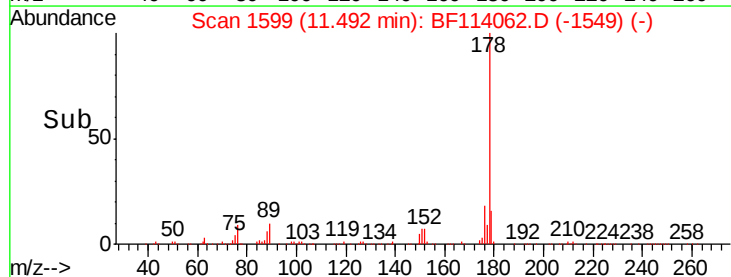
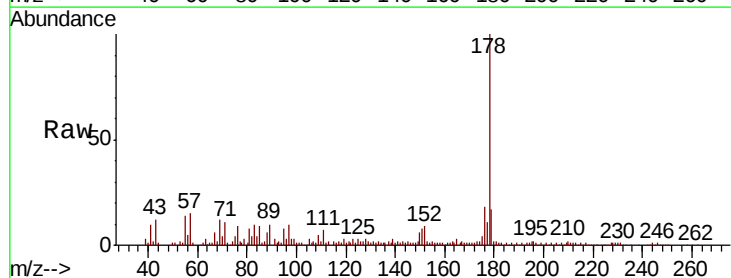
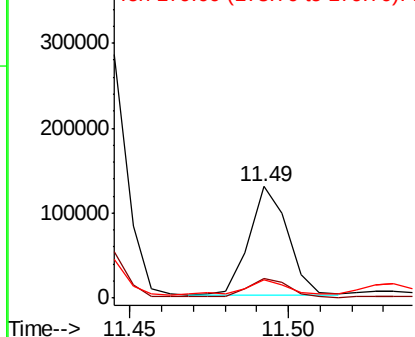
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.7	23.5
179	17.0	13.0	19.4

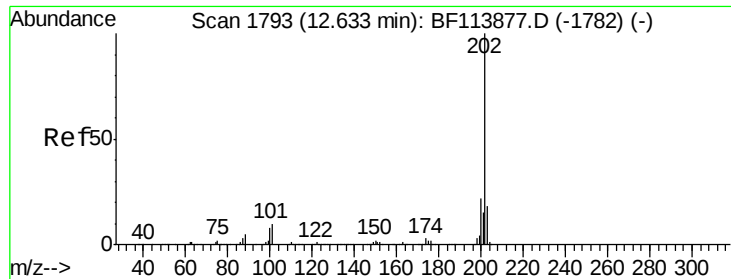
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 28.691 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF114062.D

Acq: 1 May 2019 12:09

Instrument :

BNA_F

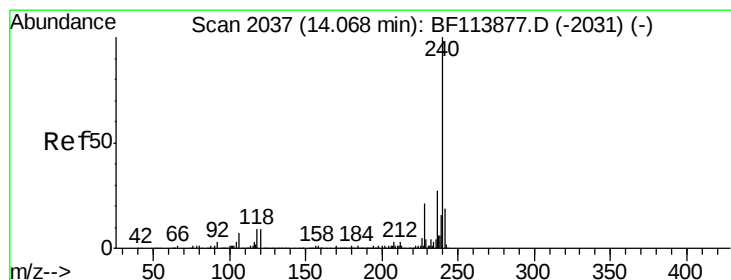
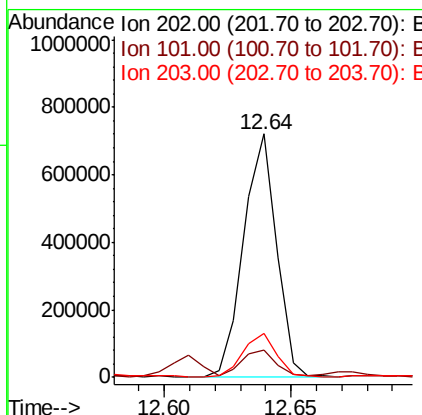
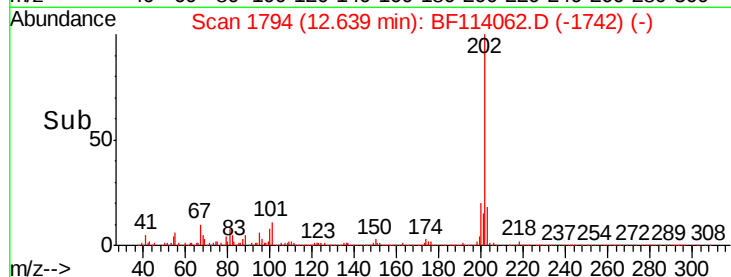
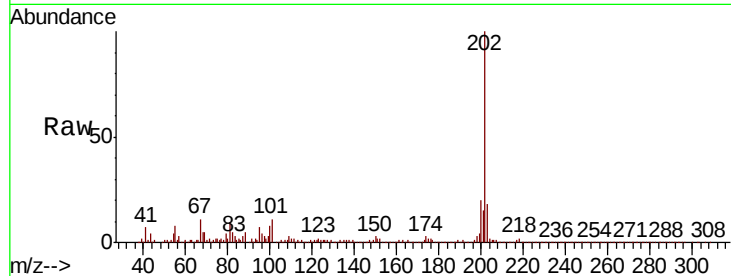
ClientSampleId :

JC-03-042919-CRE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		650034		
101	11.2	0.0	32.9		
203	17.9	0.0	38.2		

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5/2/2019 4:53:33 PM



#76

Chrysene-d12

Concen: 20.000 ng

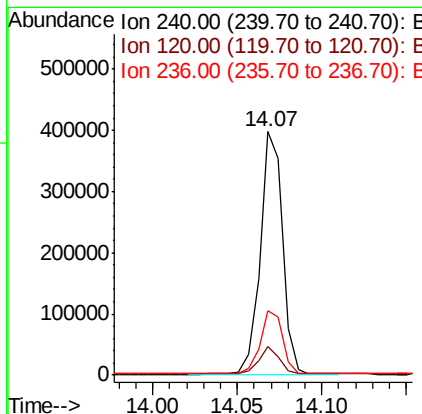
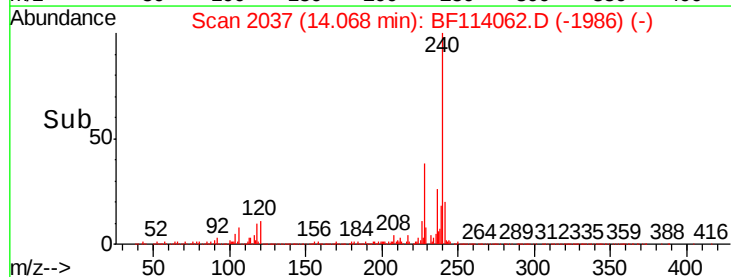
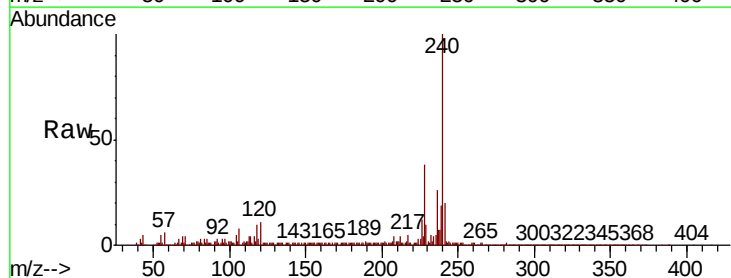
RT: 14.07 min Scan# 2037

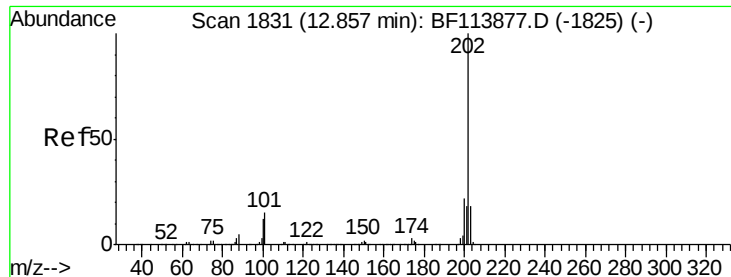
Delta R.T. 0.00 min

Lab File: BF114062.D

Acq: 1 May 2019 12:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		363086		
120	11.5	9.3	13.9		
236	26.3	21.2	31.8		





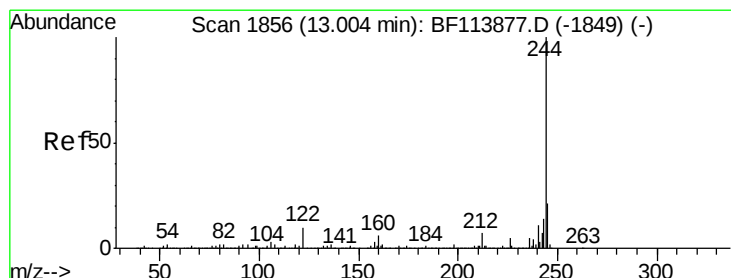
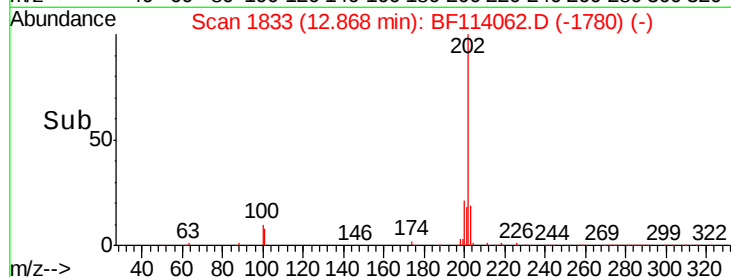
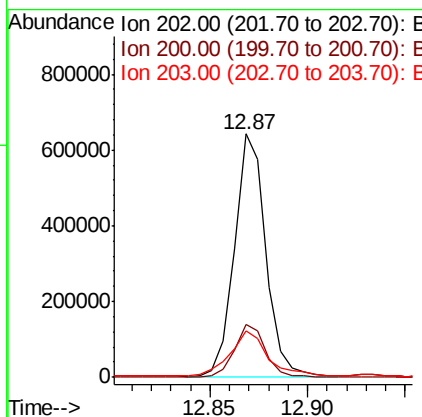
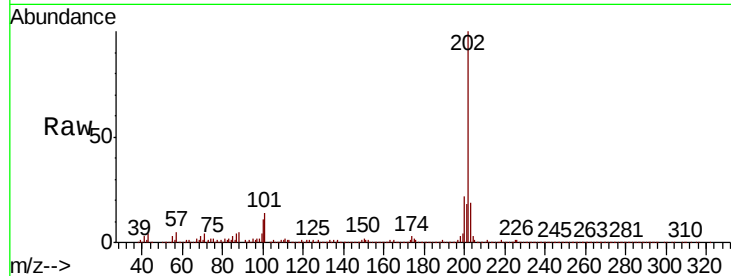
#78
Pvrene
Concen: 27.837 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF114062.D
Acq: 1 May 2019 12:09

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

Tot Ion:	202	Resp:	706802
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.7	26.5
203	19.3	15.0	22.6

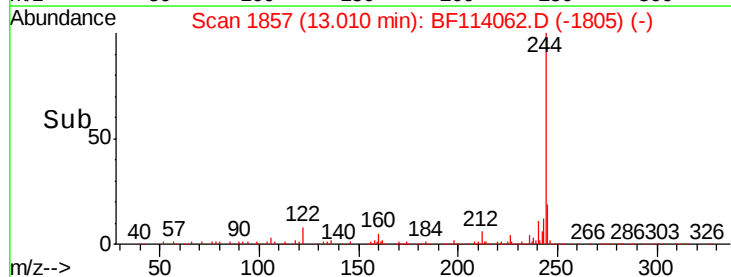
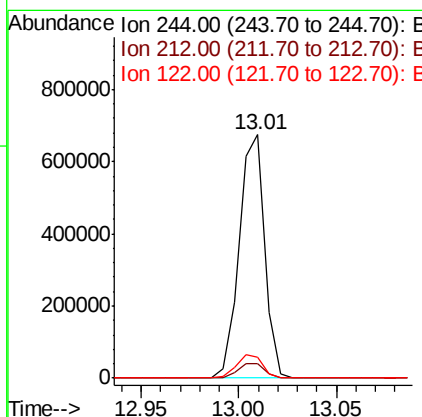
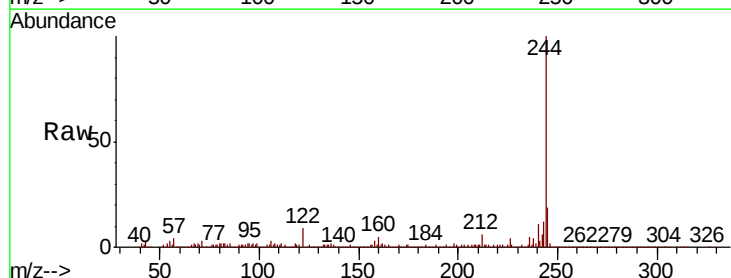
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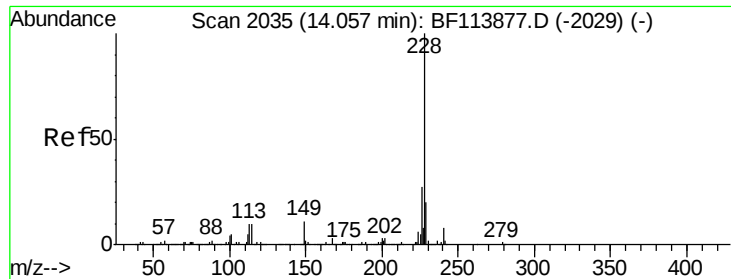
Sohil
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#79
Terphenyl-d14
Concen: 34.333 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF114062.D
Acq: 1 May 2019 12:09

Tgt Ion:	244	Resp:	608058
Ion Ratio	Lower	Upper	
244	100		
212	6.2	5.4	8.2
122	8.6	7.6	11.4





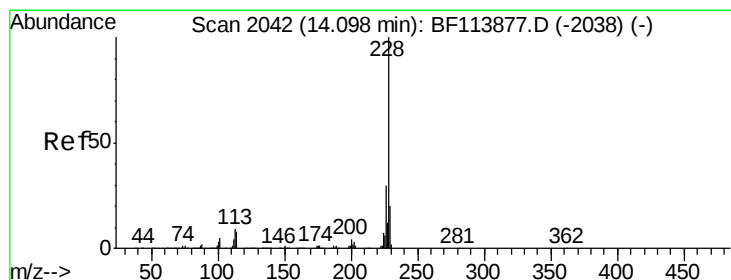
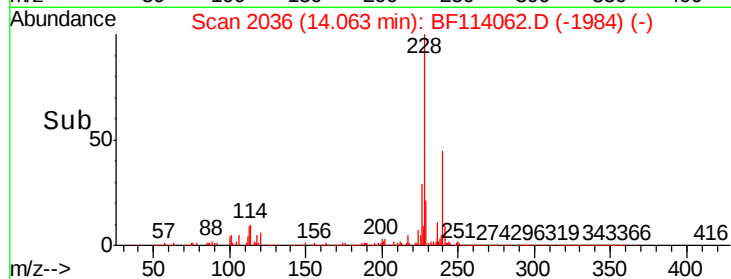
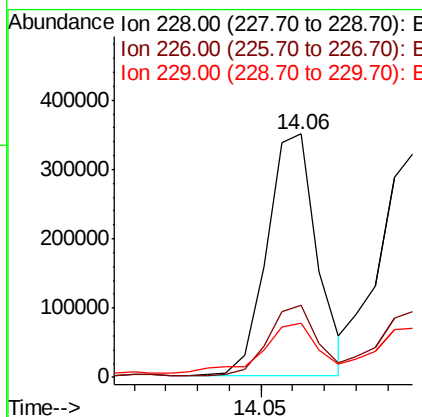
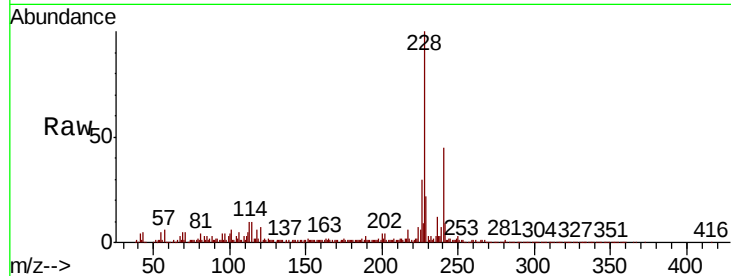
#81
Benzo(a)anthracene
Concen: 17.836 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF114062.D
Acq: 1 May 2019 12:09

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.2	33.2
229	22.1	16.0	24.0

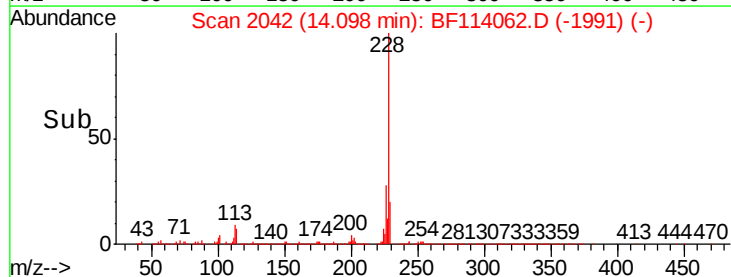
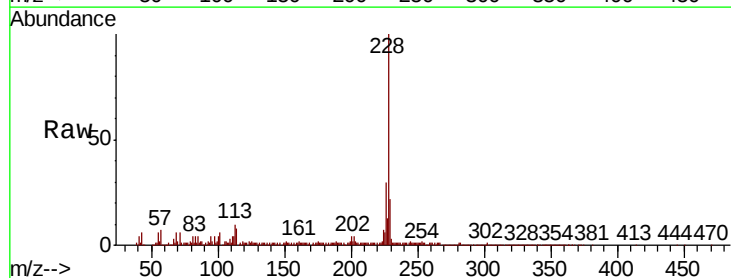
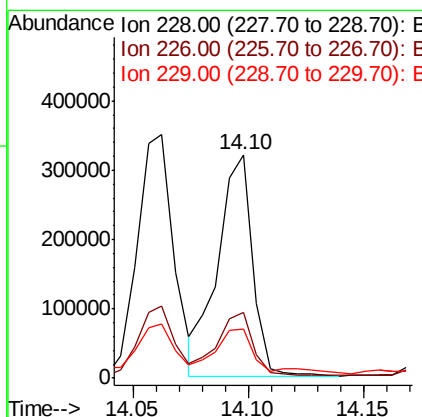
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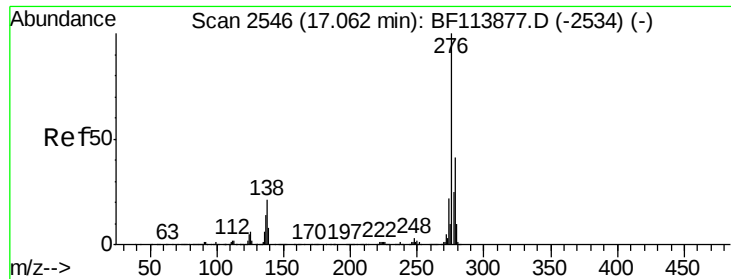
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5/2/2019 4:53:33 PM



#83
Chrysene
Concen: 16.098 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.00 min
Lab File: BF114062.D
Acq: 1 May 2019 12:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.2	37.8
229	22.1	16.7	25.1





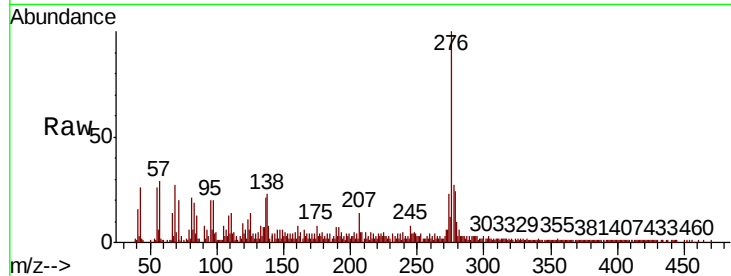
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 5.698 ng
 RT: 17.09 min Scan# 2550
 Delta R.T. 0.02 min
 Lab File: BF114062.D
 Acq: 1 May 2019 12:09

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	19.6	29.4
277	25.6	20.2	30.4

Manual Integrations
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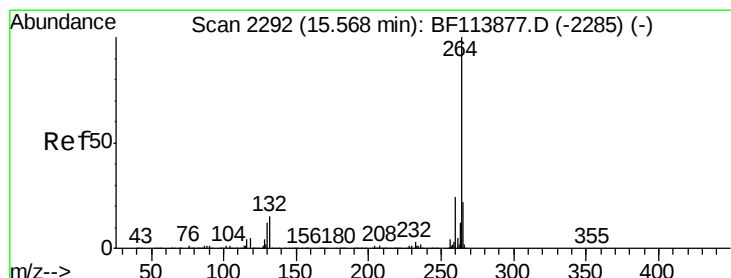
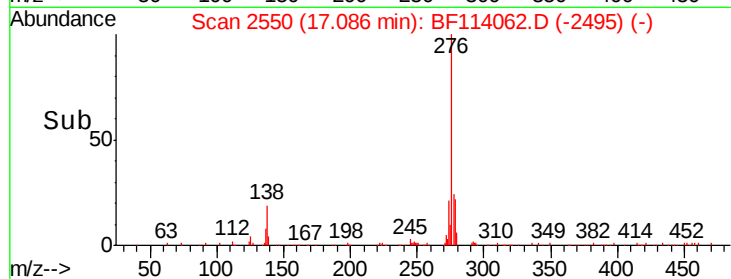
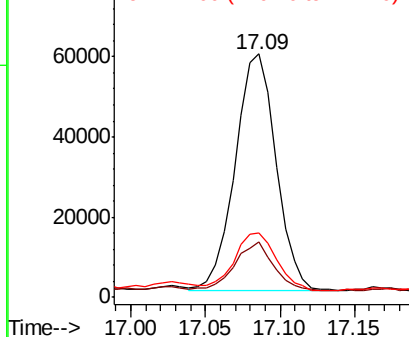


Abundance

Ion 276.00 (275.70 to 276.70): E

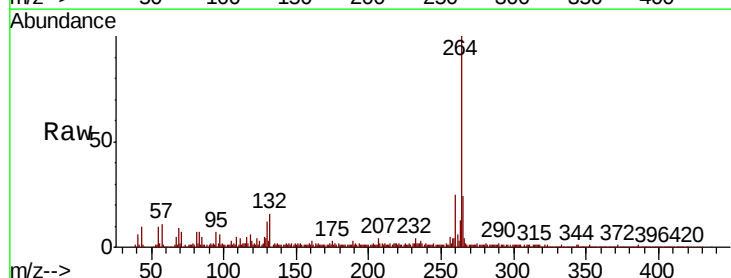
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.58 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BF114062.D
 Acq: 1 May 2019 12:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.9	28.3
265	23.7	17.3	25.9

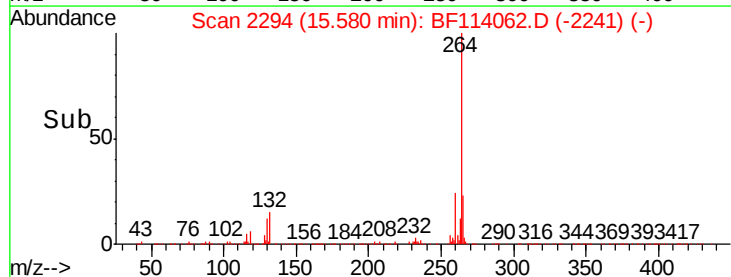
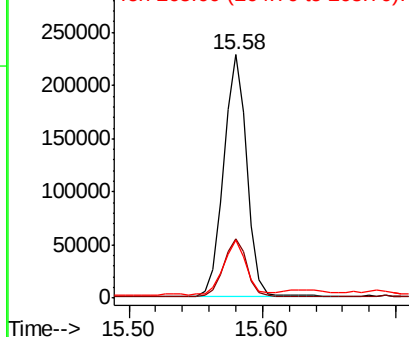


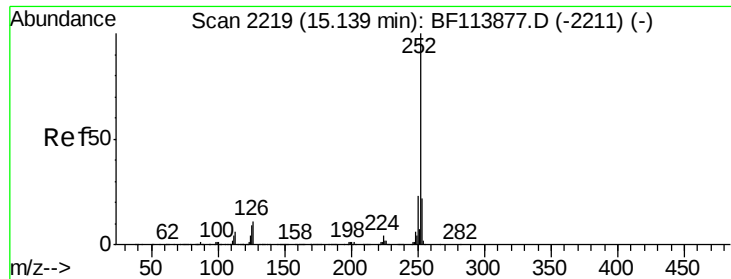
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





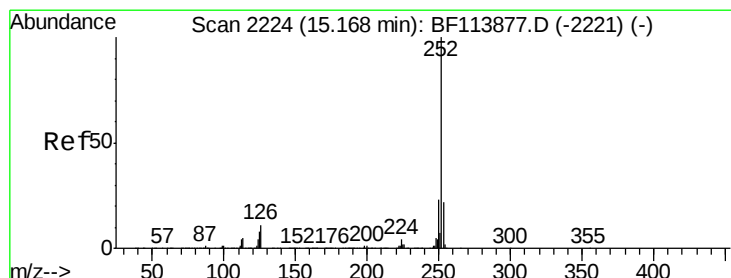
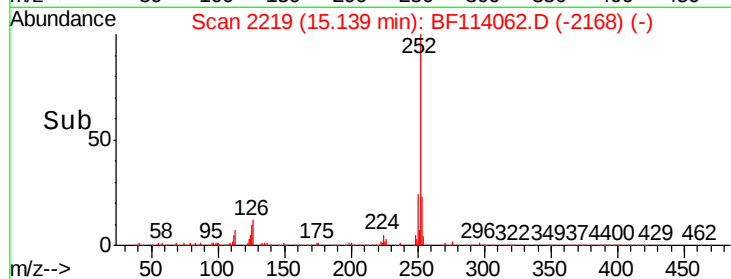
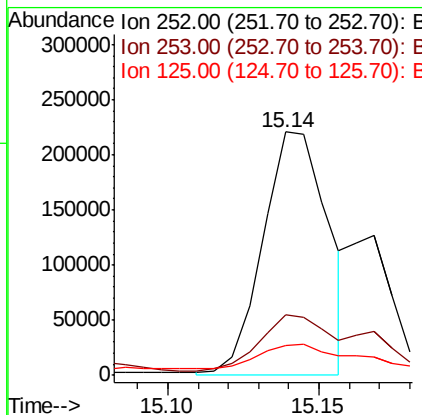
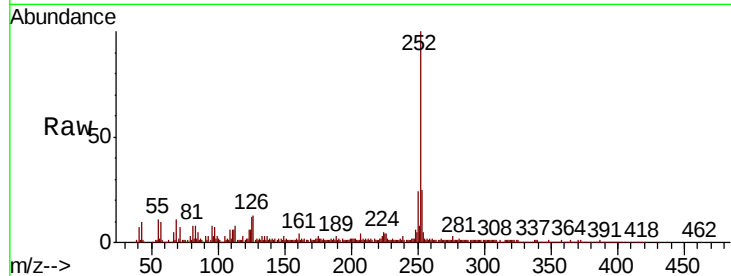
#88
Benzo(b)fluoranthene
Concen: 18.932 ng m
RT: 15.14 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF114062.D
Acq: 1 May 2019 12:09

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100	331611		
253	25.0		17.8	26.6
125	12.3		7.0	10.6

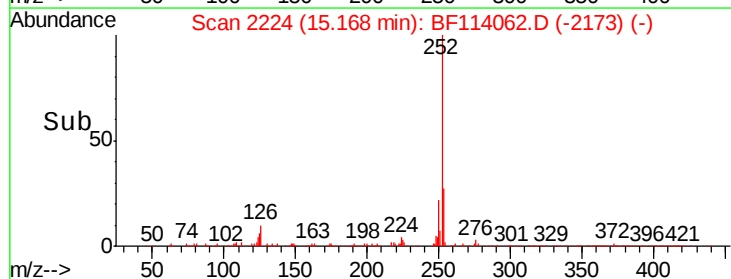
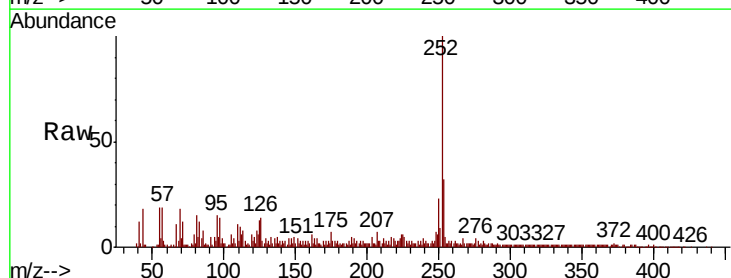
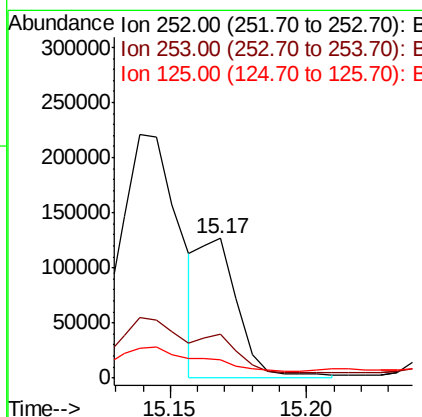
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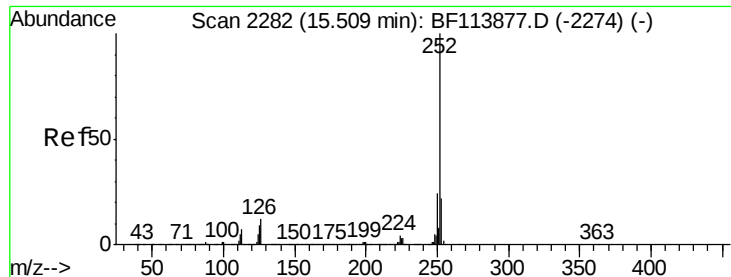
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5/2/2019 4:53:33 PM



#89
Benzo(k)fluoranthene
Concen: 8.468 ng m
RT: 15.17 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF114062.D
Acq: 1 May 2019 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	127587		
253	31.8		18.2	27.2
125	13.0		7.4	11.2





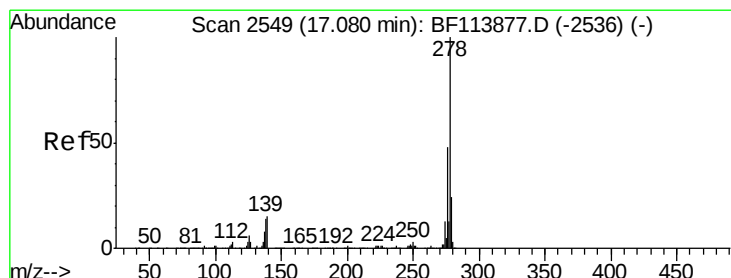
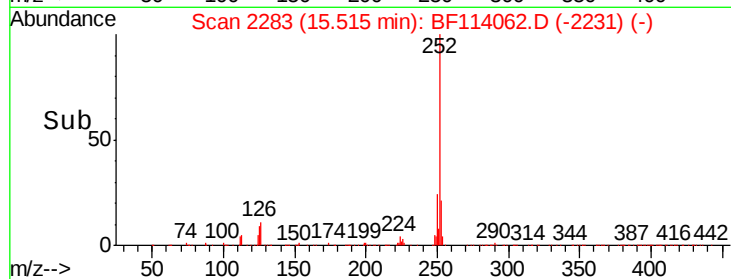
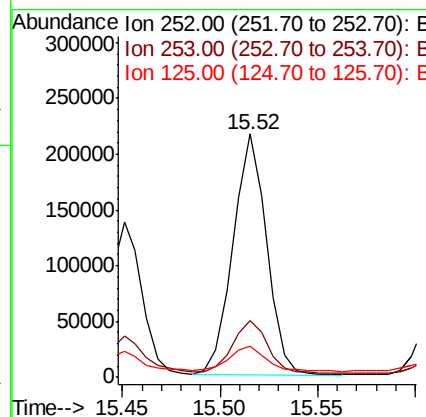
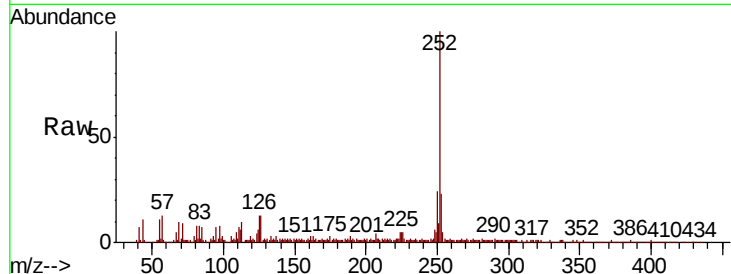
#90
Benzo(a)pyrene
Concen: 17.017 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF114062.D
Acq: 1 May 2019 12:09

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	12.7	8.5	12.7

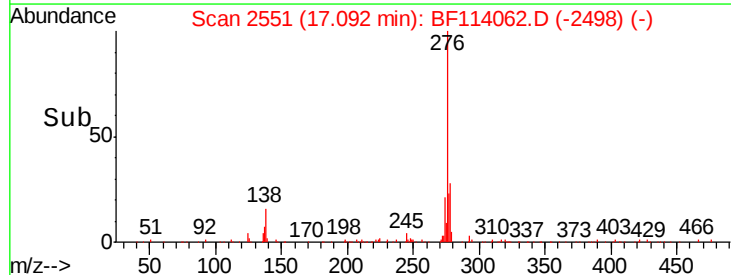
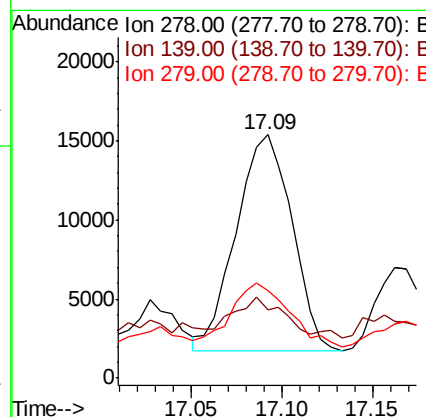
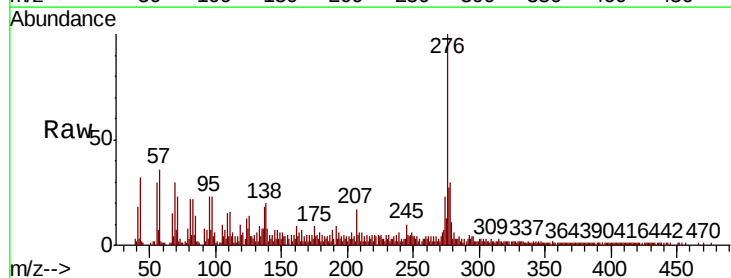
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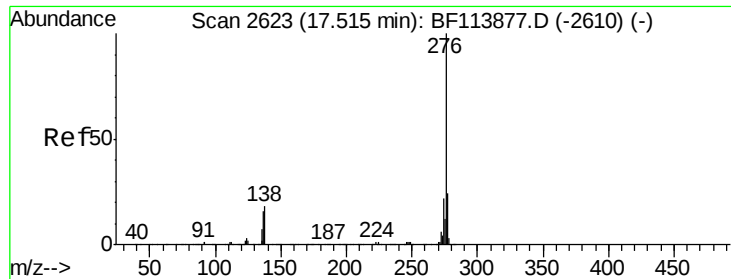
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#91
Dibenzo(a,h)anthracene
Concen: 2.061 ng
RT: 17.09 min Scan# 2551
Delta R.T. 0.01 min
Lab File: BF114062.D
Acq: 1 May 2019 12:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.2	11.6	17.4#
279	36.0	19.0	28.6#





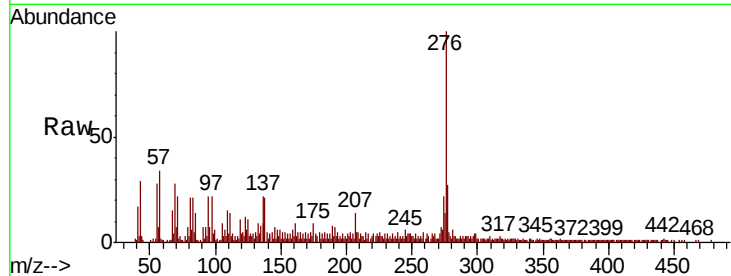
#92
 Benzo(a,h,i)perylene
 Concen: 7.639 ng
 RT: 17.54 min Scan# 2627
 Delta R.T. 0.02 min
 Lab File: BF114062.D
 Acq: 1 May 2019 12:09

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

Tot Ion:	276	Resp:	109633
Ion Ratio	Lower	Upper	
276	100		
277	27.3	19.0	28.4
138	20.8	16.6	25.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

