

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
 Data File : BF114067.D
 Acq On : 1 May 2019 14:21
 Operator : JU/SJ
 Sample : K2194-17RE 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
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 5/2/2019 4:53:46 PM

Quant Time: May 02 04:15:03 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	6.90	152	93712	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	357863	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	177607	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	349598	20.00	ng	0.00
76) Chrysene-d12	14.08	240	267754	20.00	ng	0.01
87) Perylene-d12	15.60	264	194451	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	227676	41.55	ng	0.00
7) Phenol-d6	6.52	99	306958	44.65	ng	0.00
23) Nitrobenzene-d5	7.45	82	190714	32.90	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	97563	45.09	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	369493	32.54	ng	0.00
79) Terphenyl-d14	13.00	244	400054	30.63	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.65	163	54548	4.247	ng	99
71) Phenanthrene	11.44	178	62014	3.530	ng	98
75) Fluoranthene	12.64	202	98187	5.122	ng	97
78) Pyrene	12.87	202	93938	5.017	ng	98
81) Benzo(a)anthracene	14.07	228	49201	3.119	ng	# 91
83) Chrysene	14.10	228	46127	3.002	ng	97
88) Benzo(b)fluoranthene	15.16	252	50412m	4.098	ng	
90) Benzo(a)pyrene	15.53	252	29323	2.756	ng	# 72

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

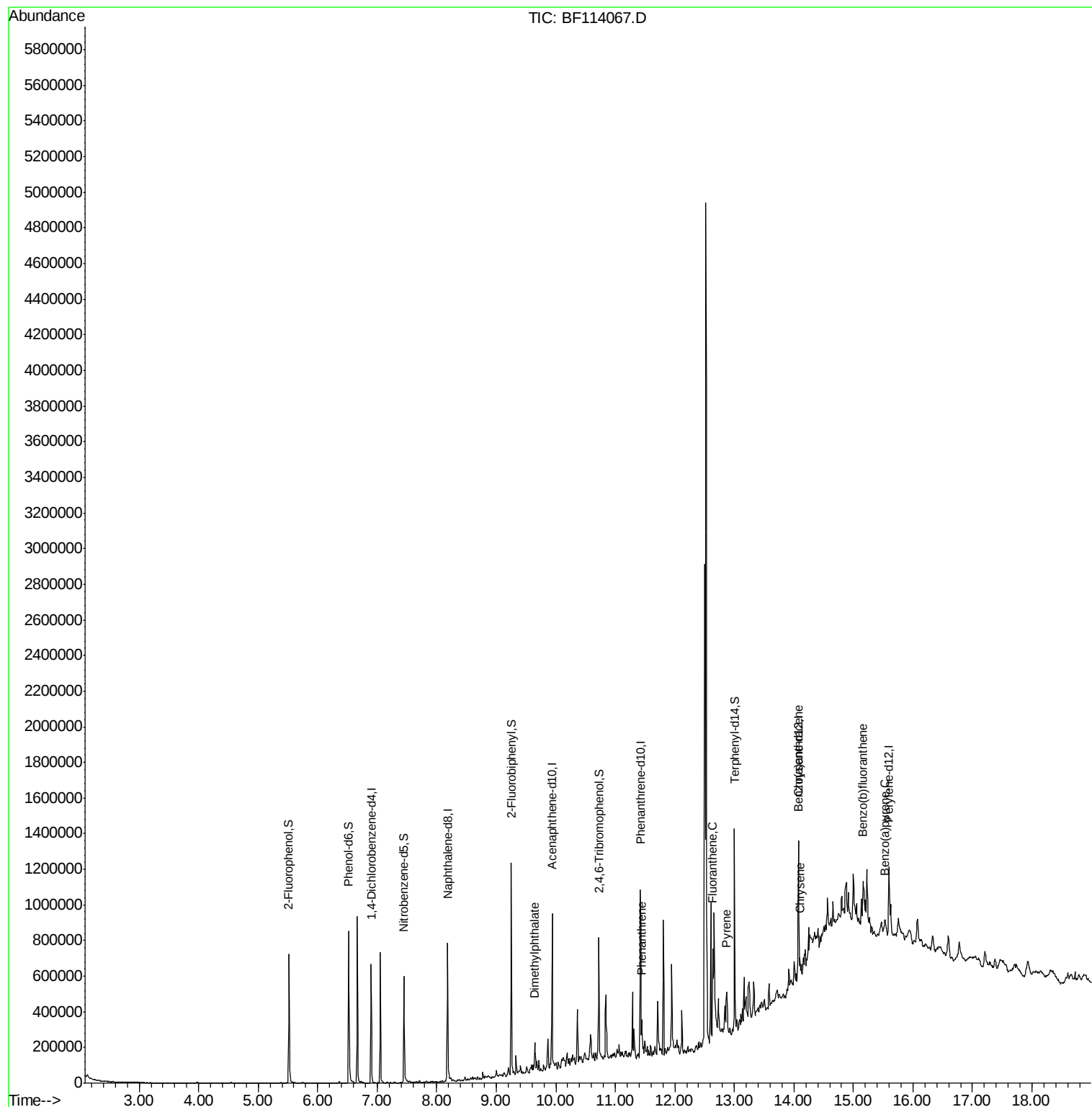
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
Data File : BF114067.D
Acq On : 1 May 2019 14:21
Operator : JU/SJ
Sample : K2194-17RE 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

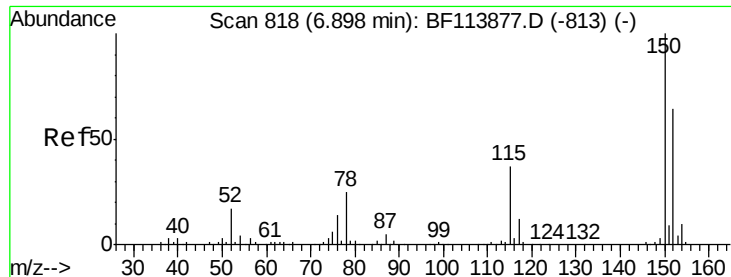
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-IRE

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Quant Time: May 02 04:15:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
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#1

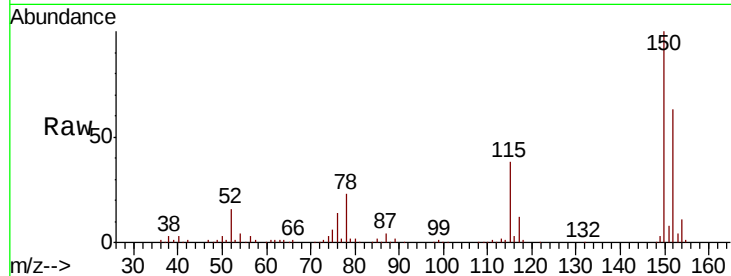
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF114067.D
Acq: 1 May 2019 14:21

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	125.9	188.9
115	60.4	45.9	68.9

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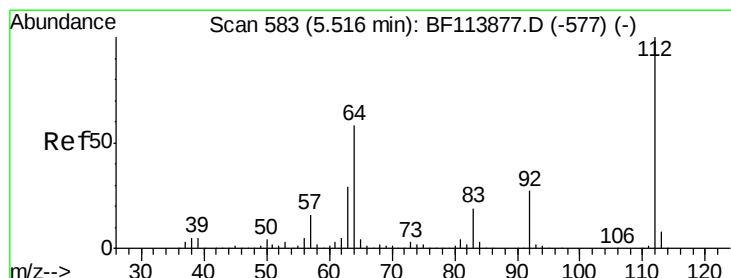
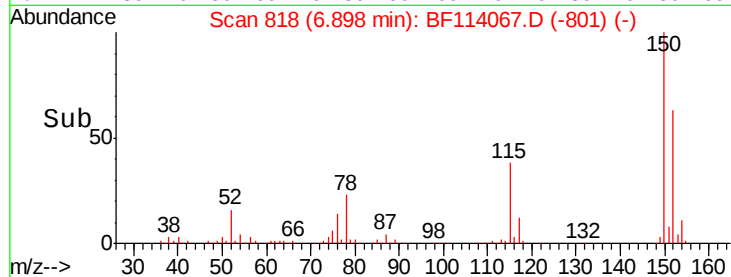
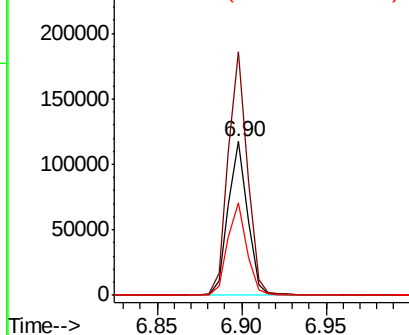


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

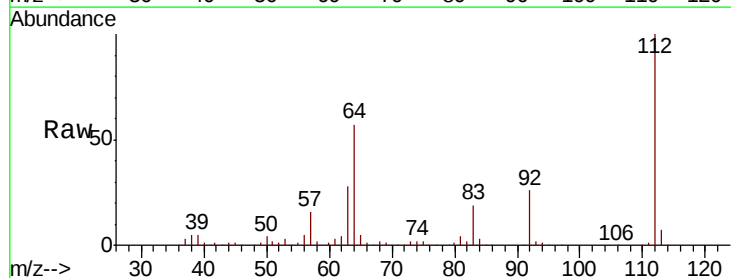
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.554 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF114067.D
Acq: 1 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	46.6	69.8
63	28.0	23.1	34.7

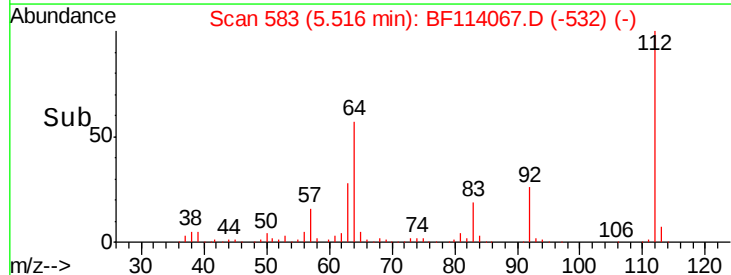
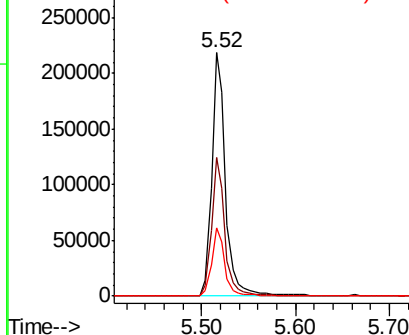


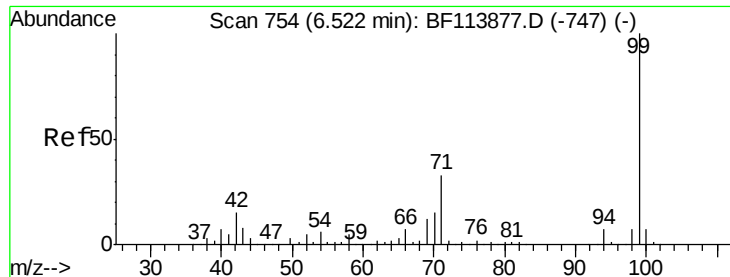
Abundance

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: 44.654 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF114067.D

Acq: 1 May 2019 14:21

Instrument :

BNA_F

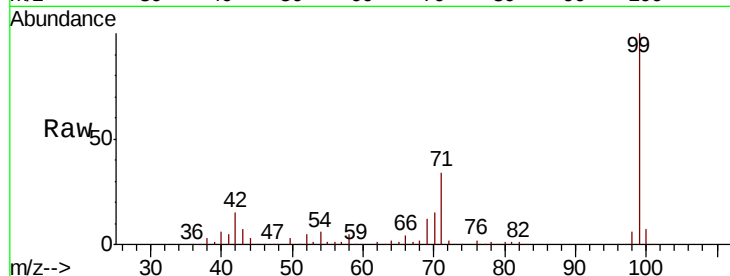
ClientSampleId :

JC-03-042919-IRE

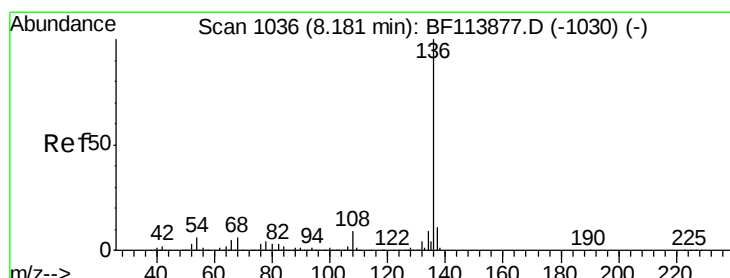
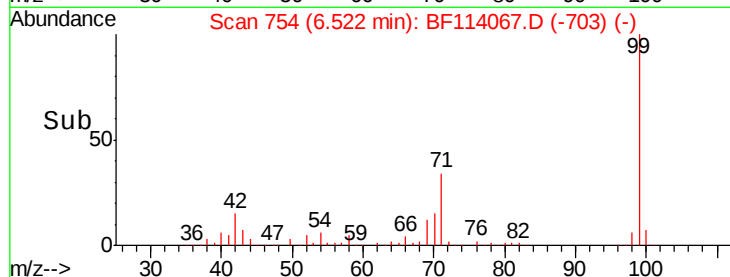
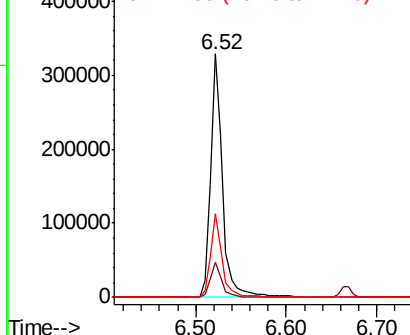
Tot Ion:	99	Resp:	306958
Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.5	18.7
71	34.1	26.9	40.3

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

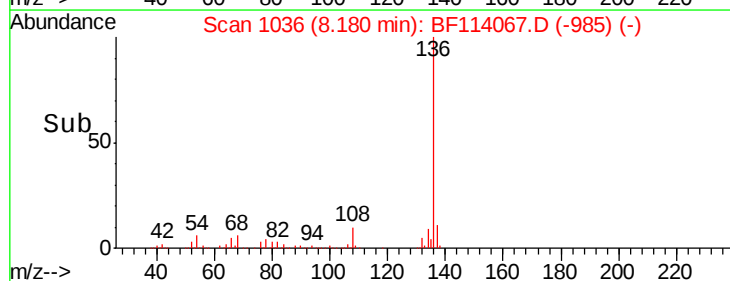
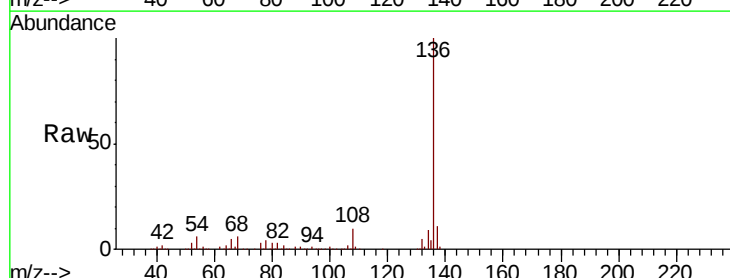
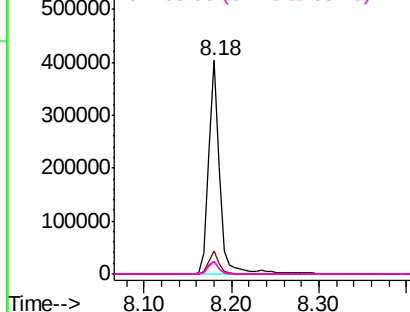
Delta R.T. -0.00 min

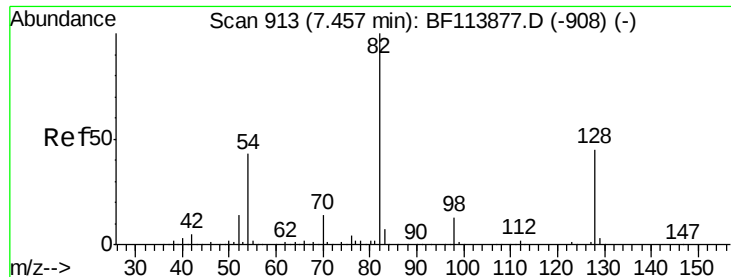
Lab File: BF114067.D

Acq: 1 May 2019 14:21

Tgt Ion:	136	Resp:	357863
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	5.8	5.0	7.6
68	5.9	4.9	7.3

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





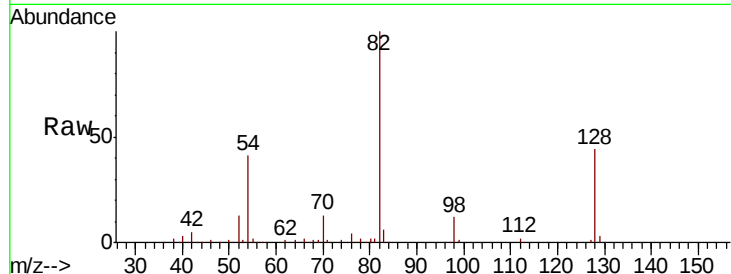
#23
 Nitrobenzene-d5
 Concen: 32.905 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF114067.D
 Acq: 1 May 2019 14:21

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.8	55.2
54	41.5	33.8	50.6

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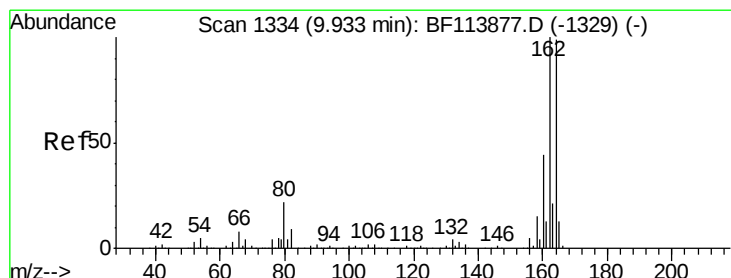
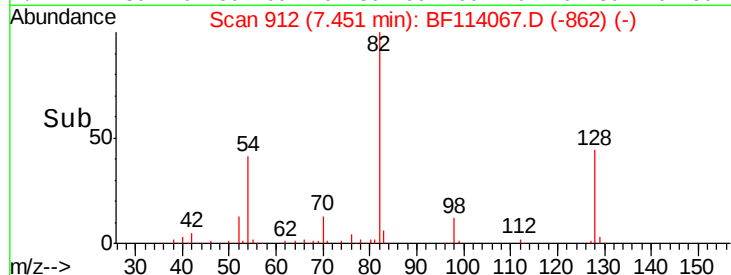
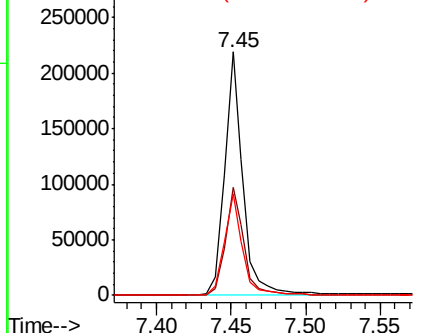


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF114067.D
 Acq: 1 May 2019 14:21

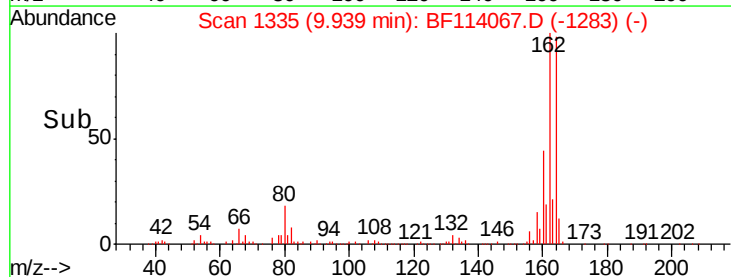
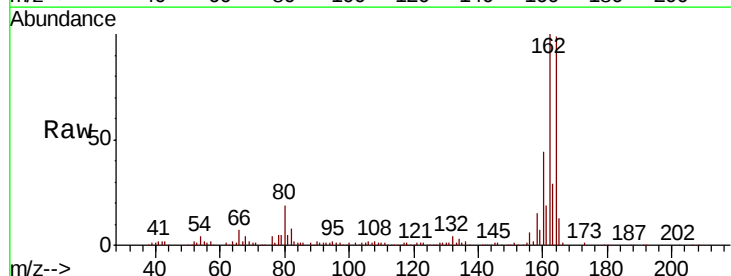
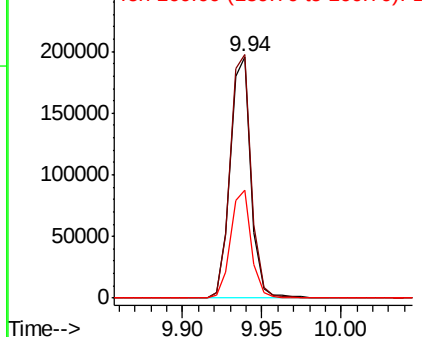
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.1	121.7
160	44.9	35.8	53.6

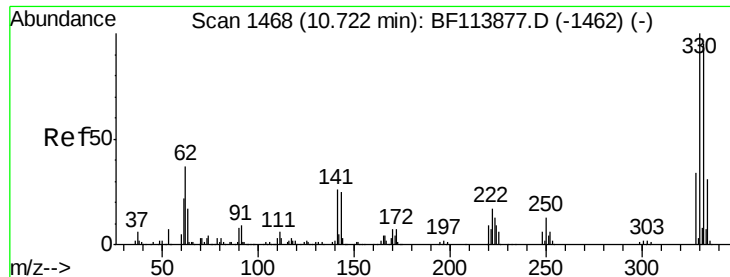
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





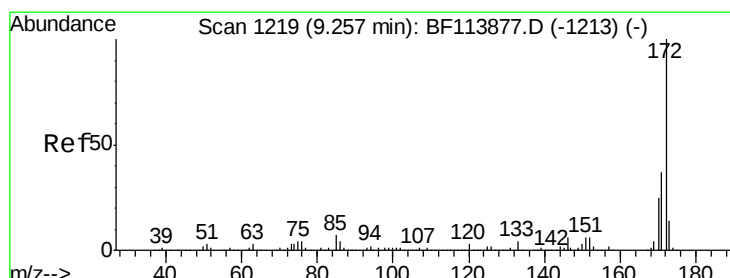
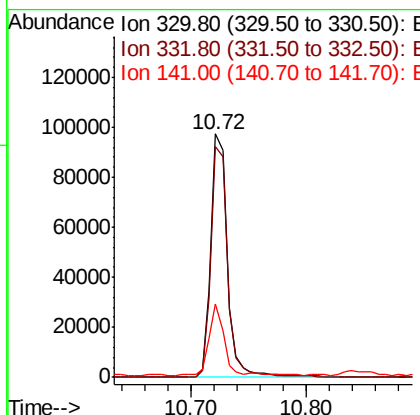
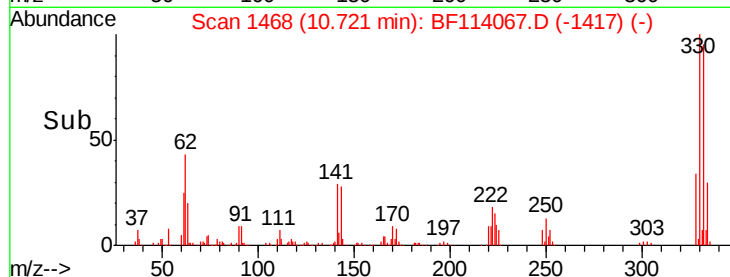
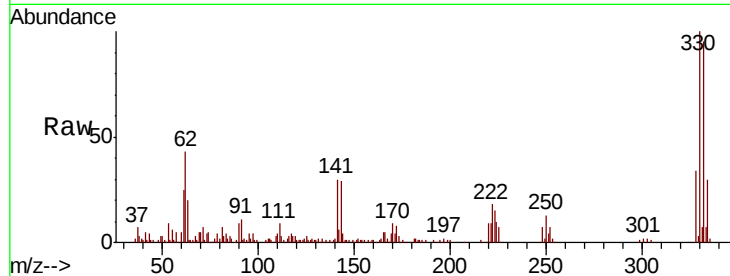
#42
 2,4,6-Tribromophenol
 Concen: 45.093 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF114067.D
 Acq: 1 May 2019 14:21

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.5	116.3
141	28.3	22.2	33.2

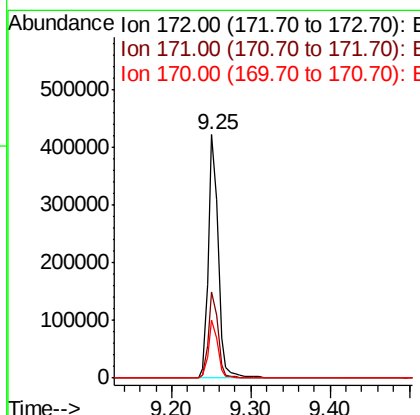
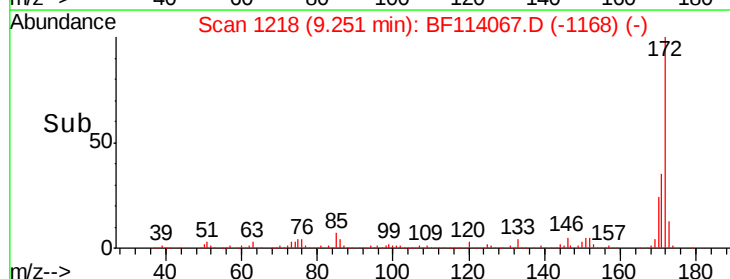
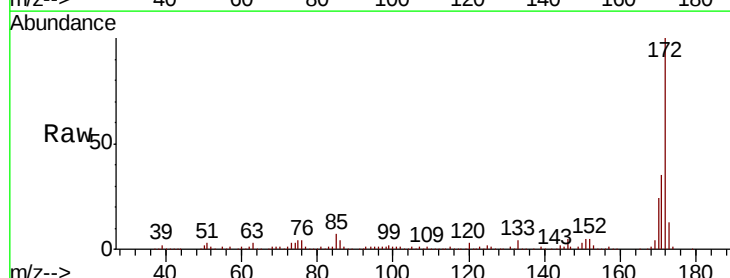
Manual Integrations
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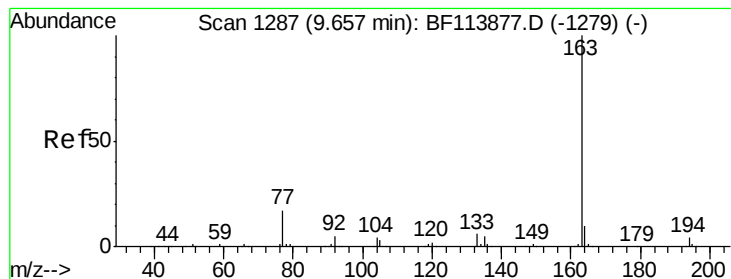
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#45
 2-Fluorobiphenyl
 Concen: 32.538 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF114067.D
 Acq: 1 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	23.8	19.9	29.9





#50

Dimethylphthalate

Concen: 4.247 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF114067.D

Acq: 1 May 2019 14:21

Instrument :

BNA_F

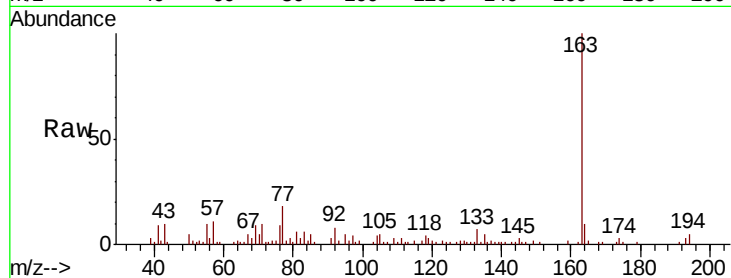
ClientSampleId :

JC-03-042919-IRE

Tot Ion:	163	Resp:	54548
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.4	5.2
164	10.2	8.5	12.7

Manual Integrations
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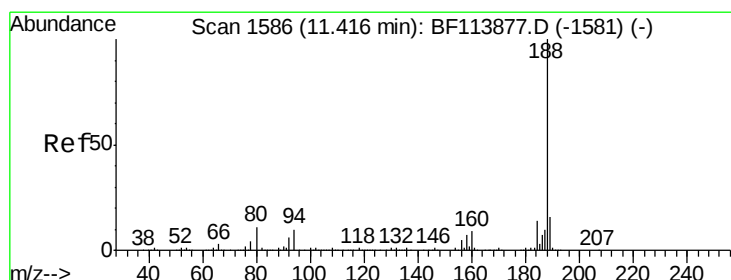
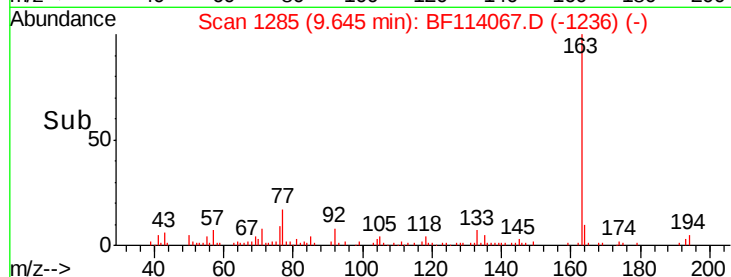
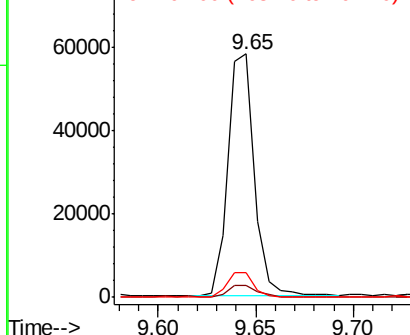


Abundance

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: BF114067.D

Acq: 1 May 2019 14:21

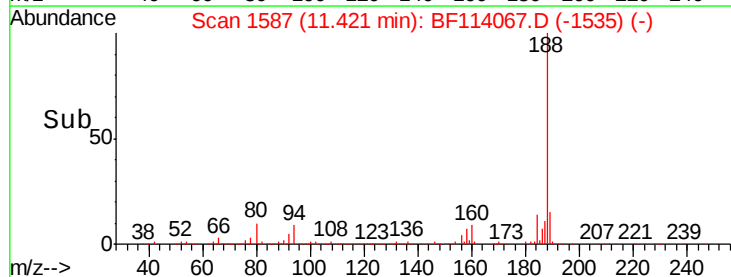
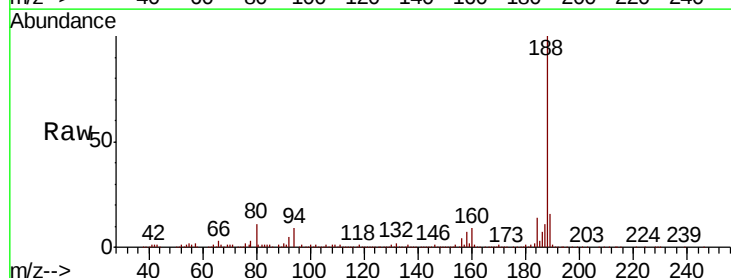
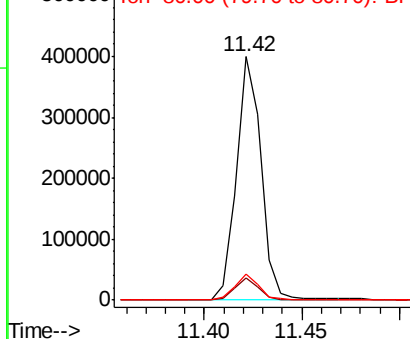
Tgt Ion:	188	Resp:	349598
Ion Ratio	Lower	Upper	
188	100		
94	9.2	8.2	12.4
80	10.6	9.0	13.6

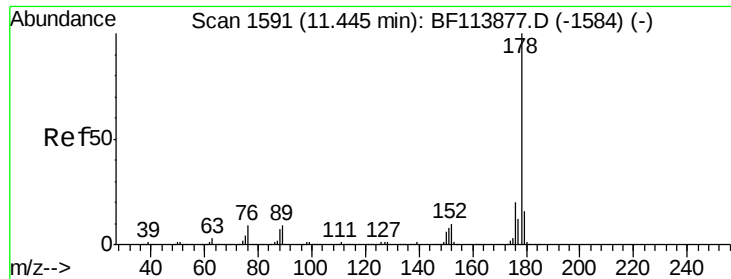
Abundance

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: 3.530 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF114067.D

Acq: 1 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-IRE

Tot Ion:178 Resp: 62014

Ion Ratio Lower Upper

178 100

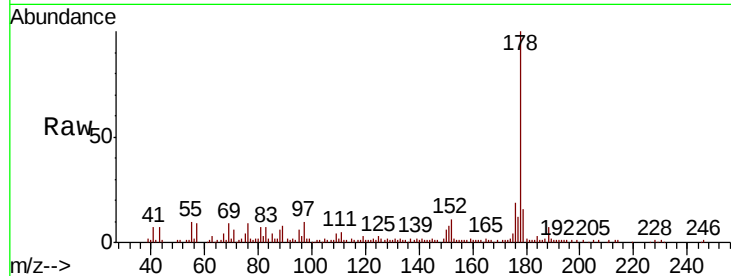
176 19.0 16.1 24.1

179 16.4 12.8 19.2

Manual Integrations
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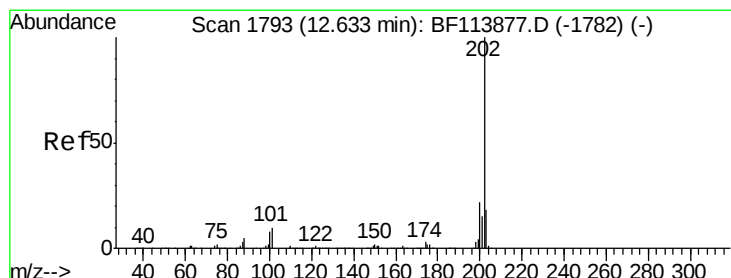
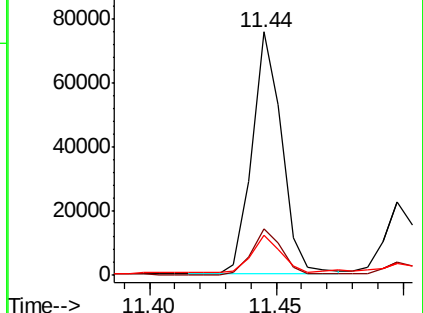
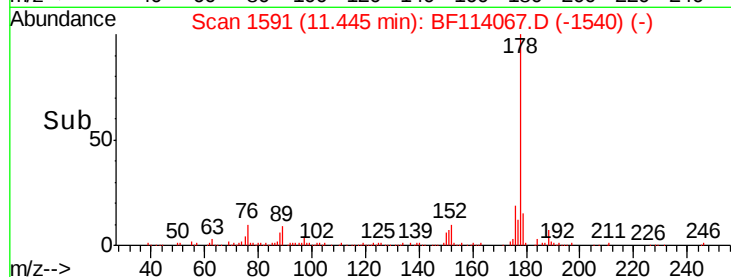
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 5.122 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF114067.D

Acq: 1 May 2019 14:21

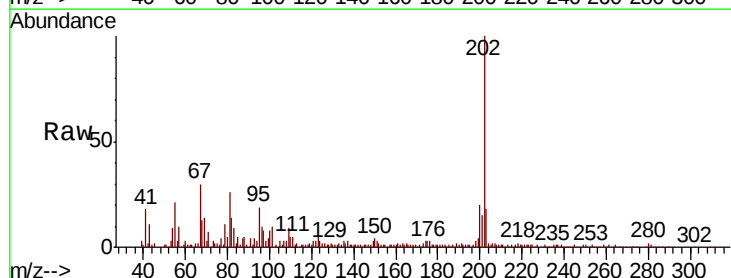
Tgt Ion:202 Resp: 98187

Ion Ratio Lower Upper

202 100

101 10.2 0.0 32.9

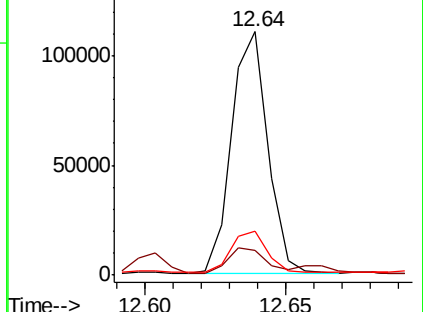
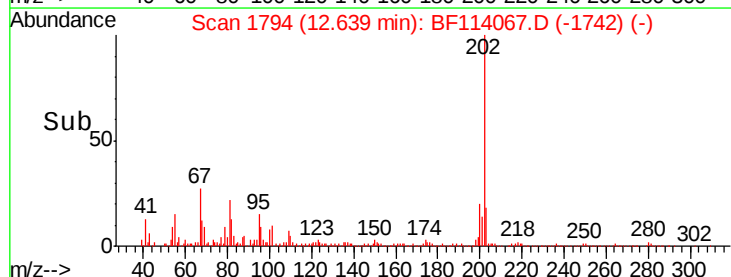
203 18.2 0.0 38.2

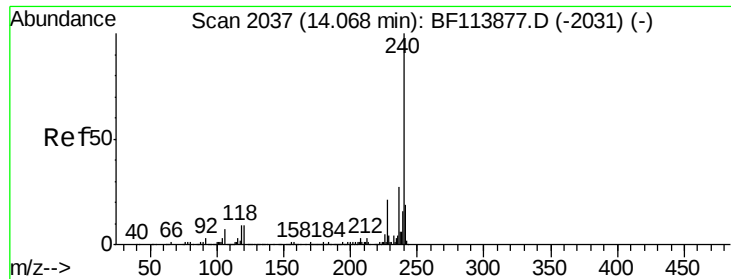


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





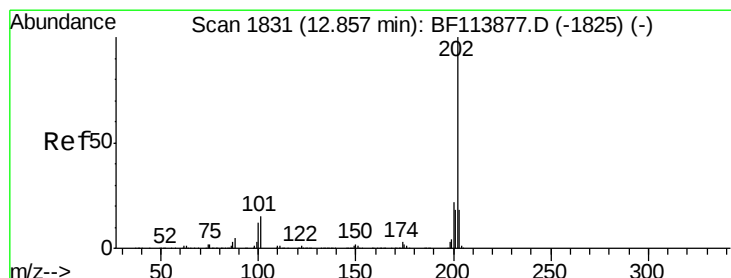
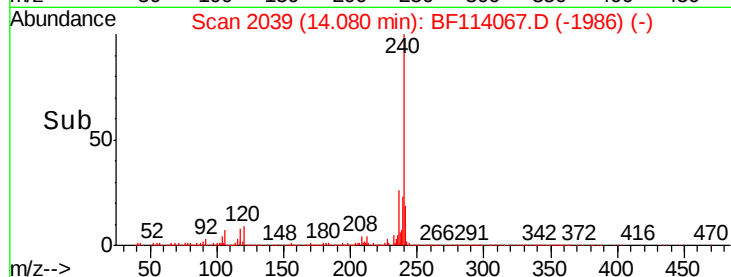
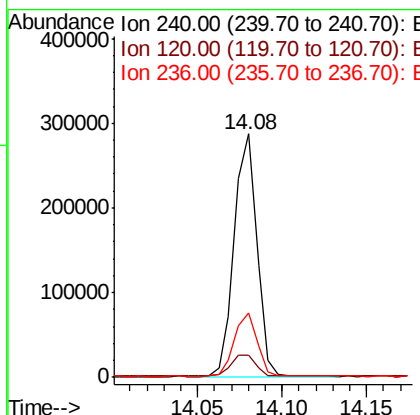
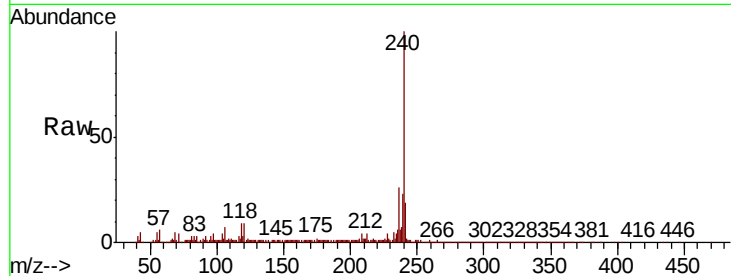
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF114067.D
Acq: 1 May 2019 14:21

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

Tot Ion	Ratio	Resp	Lower	Upper
240	100	267754		
120	9.0	9.3	13.9#	
236	26.3	21.2	31.8	

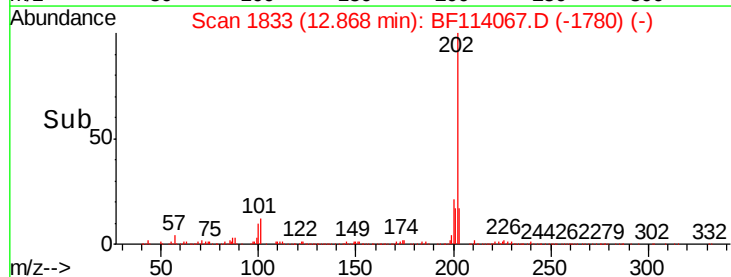
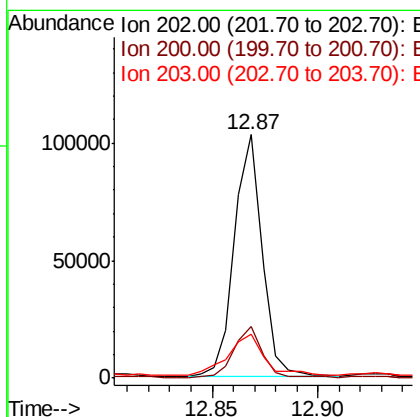
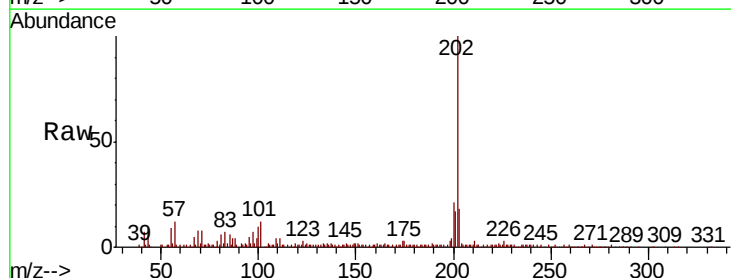
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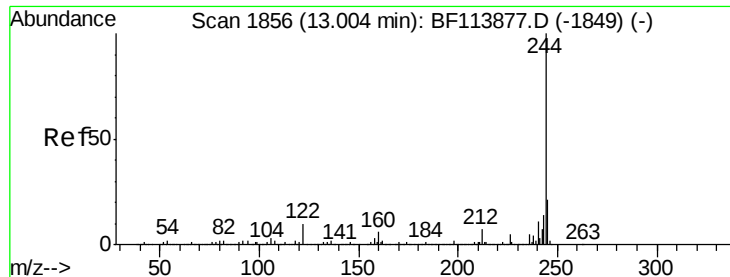
Sohil
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#78
Pyrene
Concen: 5.017 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF114067.D
Acq: 1 May 2019 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	93938		
200	21.0	17.7	26.5	
203	18.2	15.0	22.6	





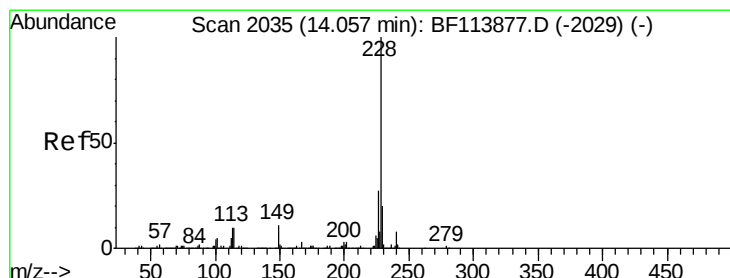
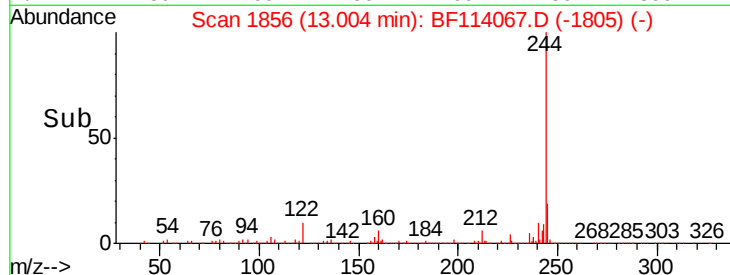
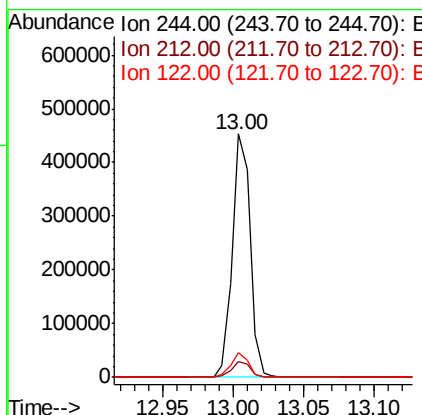
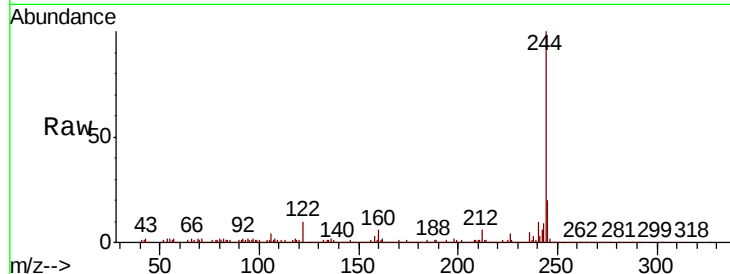
#79
 Terphenyl-d14
 Concen: 30.631 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.00 min
 Lab File: BF114067.D
 Acq: 1 May 2019 14:21

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

Tot Ion:244	Resp:	400054
Ion Ratio	Lower	Upper
244 100		
212 6.4	5.4	8.2
122 9.9	7.6	11.4

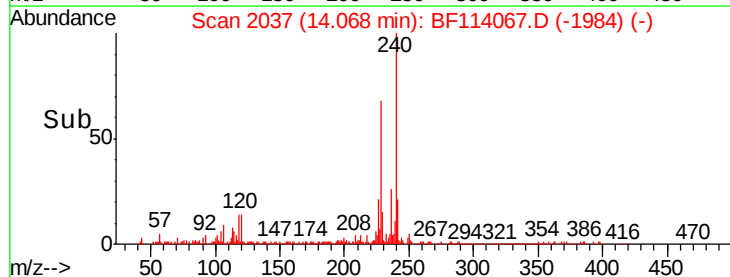
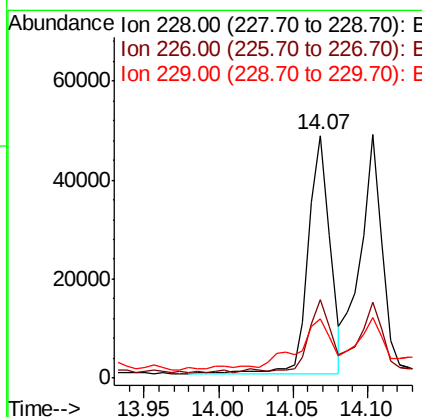
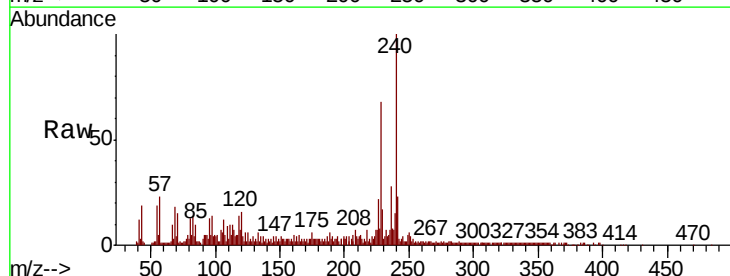
Manual Integrations
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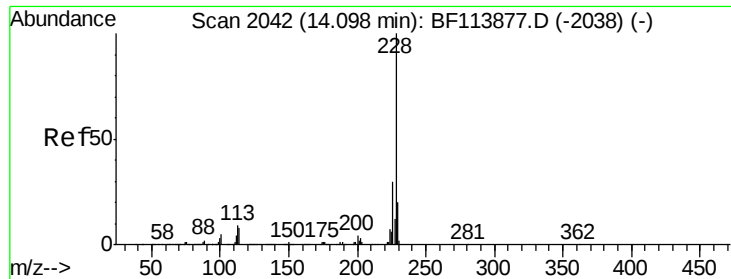
Sohil
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#81
 Benzo(a)anthracene
 Concen: 3.119 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: BF114067.D
 Acq: 1 May 2019 14:21

Tgt Ion:228	Resp:	49201
Ion Ratio	Lower	Upper
228 100		
226 32.2	22.2	33.2
229 24.7	16.0	24.0#





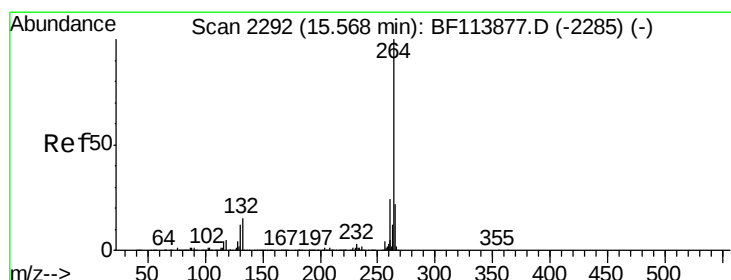
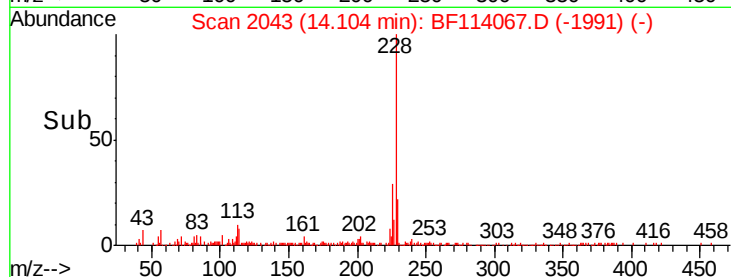
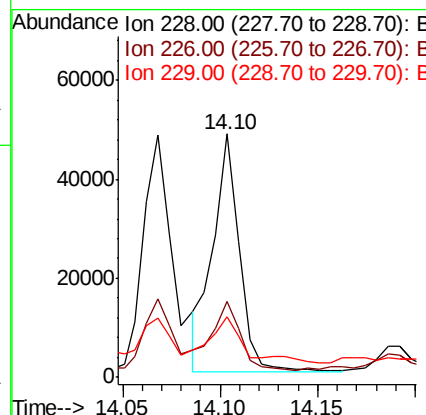
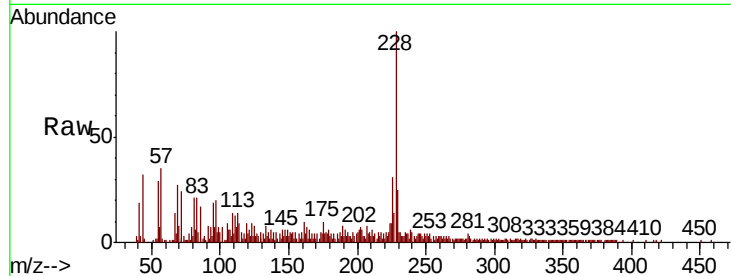
#83
Chrysene
Concen: 3.002 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BF114067.D
Acq: 1 May 2019 14:21

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.2	37.8
229	24.8	16.7	25.1

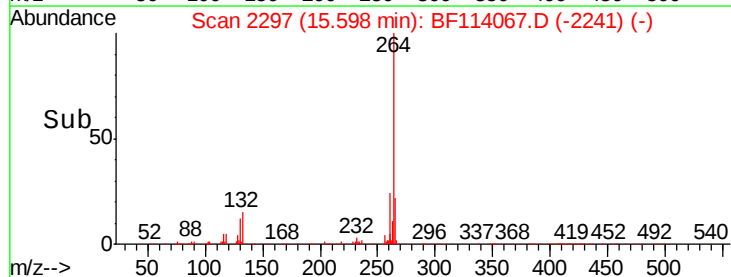
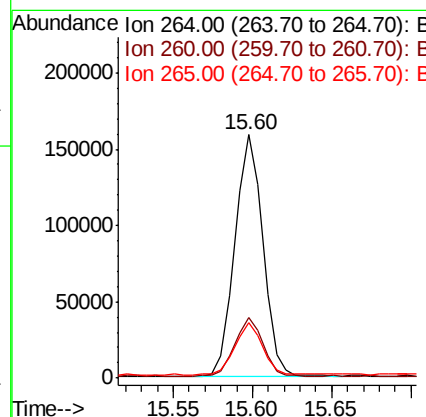
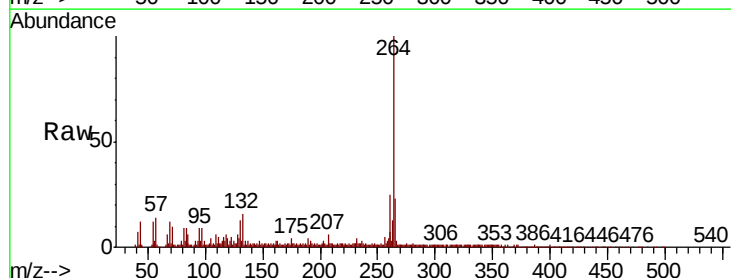
Manual Integrations
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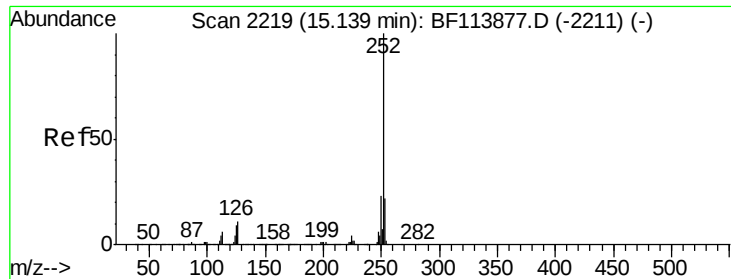
Sohil
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.03 min
Lab File: BF114067.D
Acq: 1 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.9	28.3
265	22.8	17.3	25.9





#88

Benzo(b)fluoranthene

Concen: 4.098 ng/mL

RT: 15.16 min Scan# 2222

Delta R.T. 0.02 min

Lab File: BF114067.D

Acq: 1 May 2019 14:21

Instrument :

BNA_F

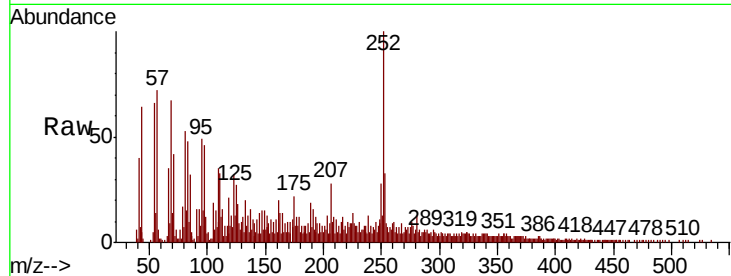
ClientSampleId :

JC-03-042919-IRE

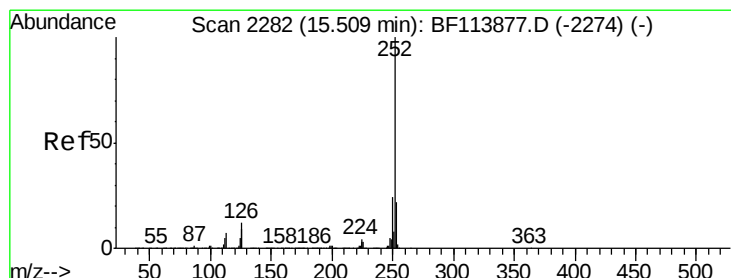
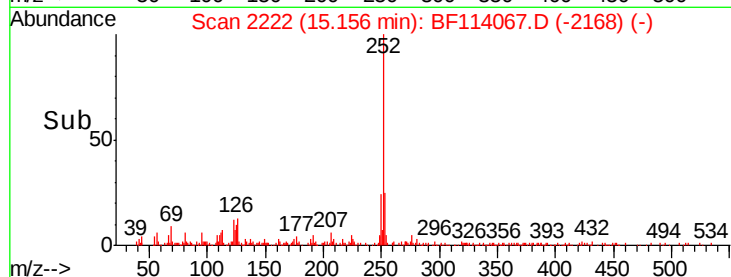
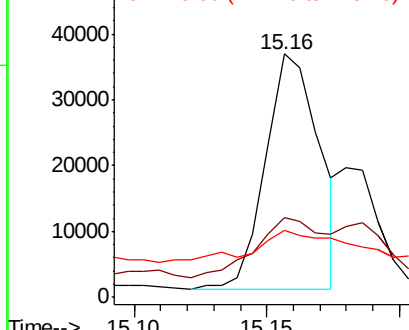
Tot Ion:	252	Resp:	50412
Ion Ratio	Lower	Upper	
252	100		
253	32.9	17.8	26.6#
125	27.5	7.0	10.6#

Manual Integrations
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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: 2.756 ng/mL

RT: 15.53 min Scan# 2286

Delta R.T. 0.02 min

Lab File: BF114067.D

Acq: 1 May 2019 14:21

Tgt Ion:	252	Resp:	29323
Ion Ratio	Lower	Upper	
252	100		
253	29.6	17.5	26.3#
125	30.7	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

