

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
 Data File : BF114046.D
 Acq On : 30 Apr 2019 17:03
 Operator : JU/SJ
 Sample : K2194-07 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 5/1/2019 11:58:52 AM

Quant Time: May 01 05:32:51 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	116279	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	400998	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	188256	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	359326	20.00	ng	0.00
76) Chrysene-d12	14.06	240	273919	20.00	ng	-0.01
87) Perylene-d12	15.54	264	211104	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	333598	49.07	ng	0.00
7) Phenol-d6	6.52	99	432918	50.76	ng	0.00
23) Nitrobenzene-d5	7.45	82	238446	36.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	111968	48.82	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	475813	39.53	ng	-0.01
79) Terphenyl-d14	13.00	244	530537	39.71	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	65008	4.775	ng	Qvalue # 98
71) Phenanthrene	11.44	178	93279	5.165	ng	97
75) Fluoranthene	12.63	202	123897	6.289	ng	99
78) Pyrene	12.86	202	123791	6.462	ng	97
81) Benzo(a)anthracene	14.04	228	49583	3.072	ng	# 90
83) Chrysene	14.08	228	47821	3.042	ng	# 92
88) Benzo(b)fluoranthene	15.11	252	44991m	3.368	ng	
90) Benzo(a)pyrene	15.48	252	32230	2.790	ng	# 67

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

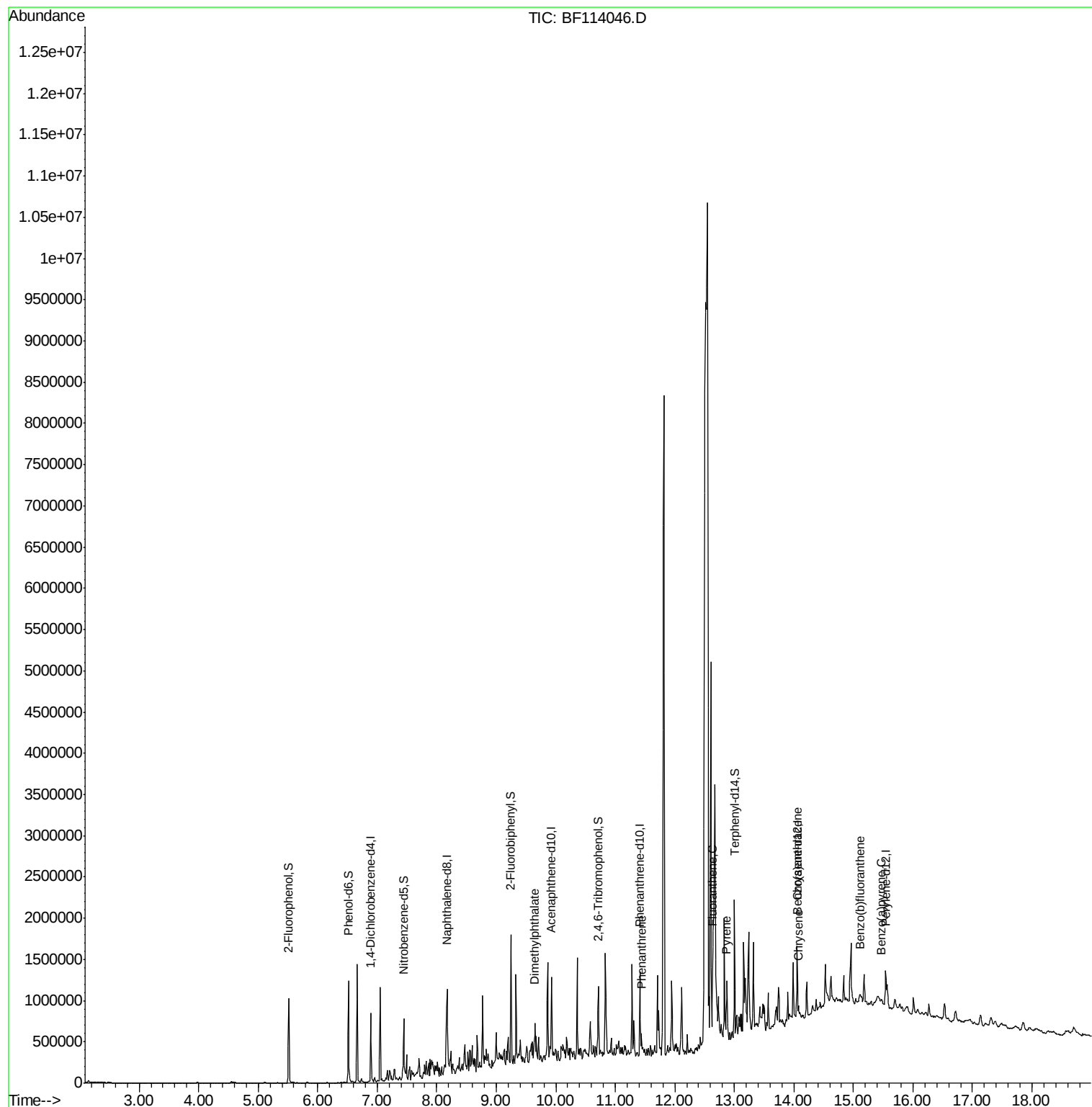
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114046.D
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Sample : K2194-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

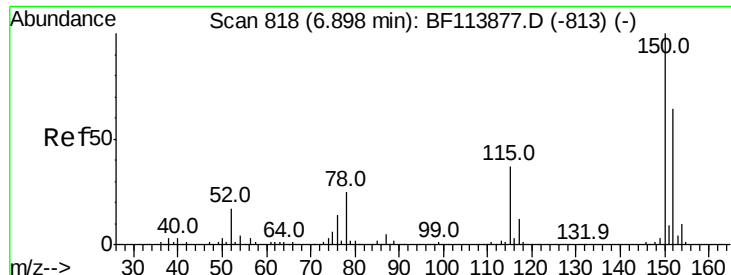
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-D

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

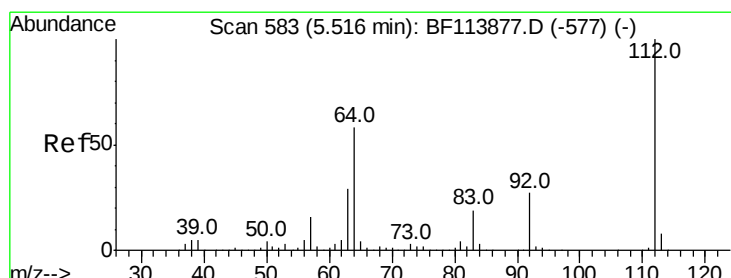
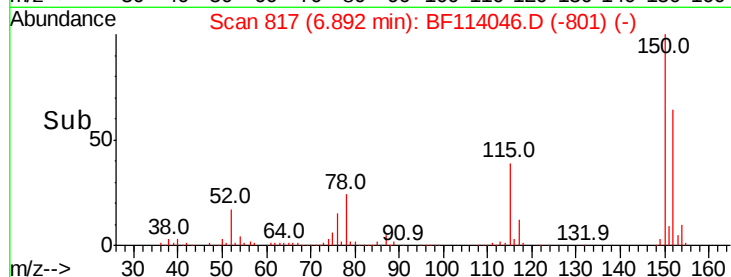
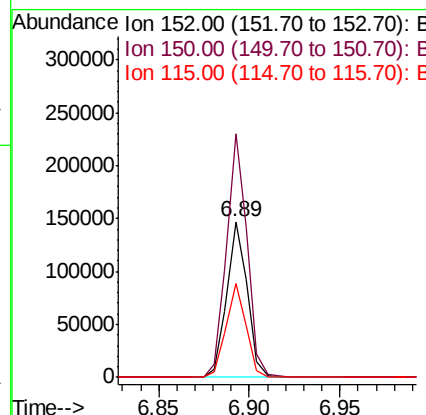
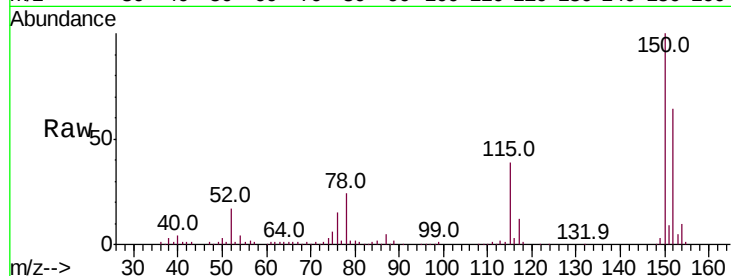
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114046.D
Acq: 30 Apr 2019 17:03

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.9	188.9
115	60.5	45.9	68.9

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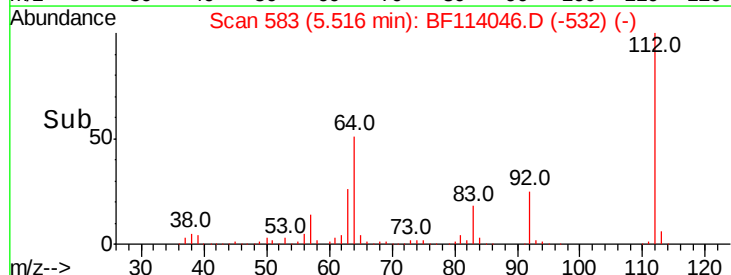
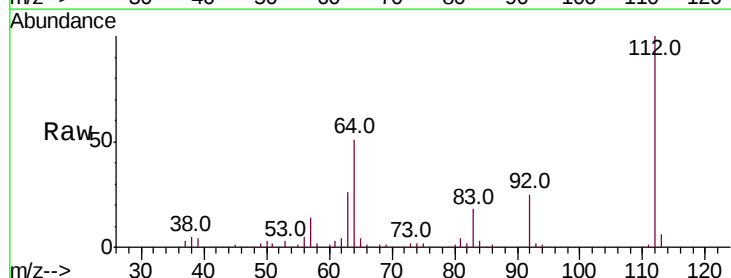
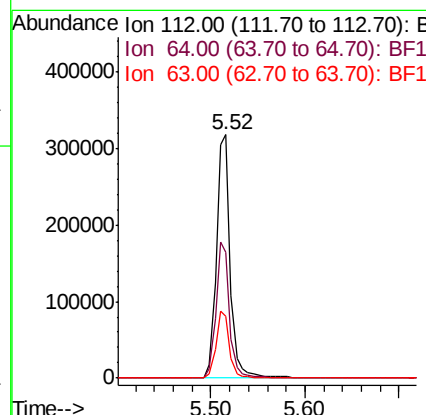
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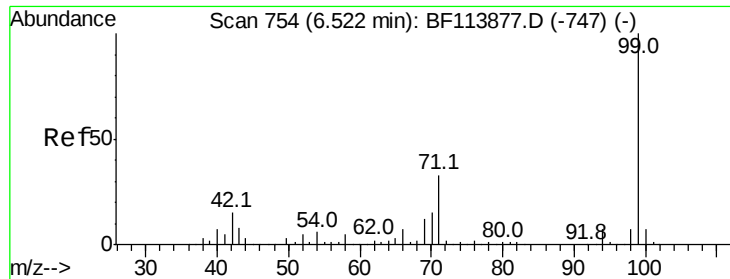


#5

2-Fluorophenol
Concen: 49.069 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF114046.D
Acq: 30 Apr 2019 17:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.5	46.6	69.8
63	25.6	23.1	34.7





#7

Phenol-d6

Concen: 50.755 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF114046.D

Acq: 30 Apr 2019 17:03

Instrument :

BNA_F

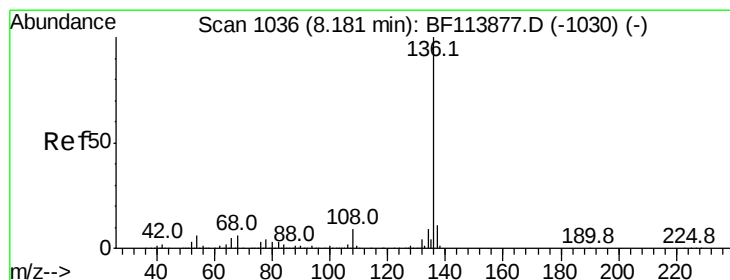
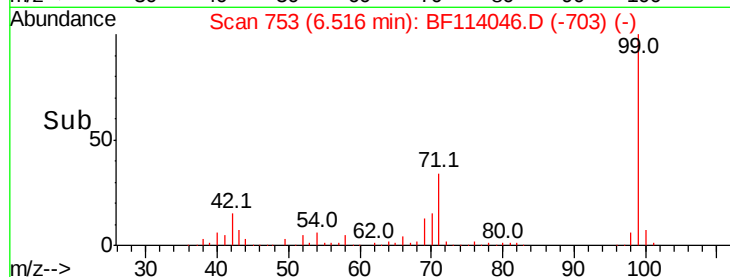
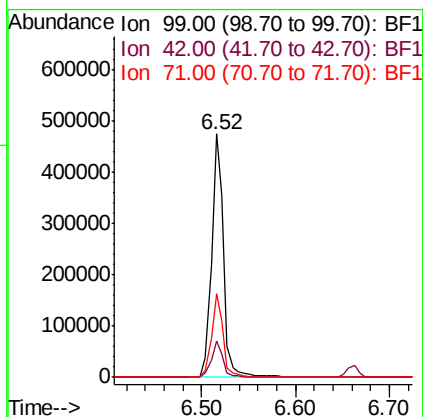
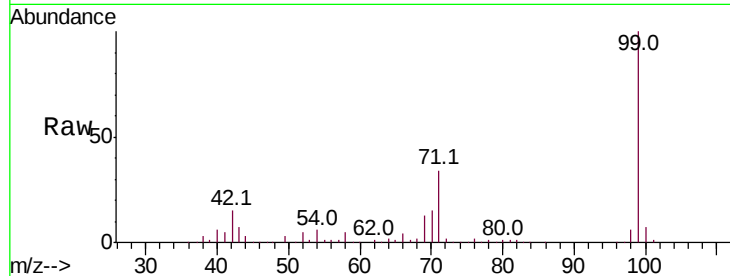
ClientSampleId :

JC-03-042919-D

Tot Ion:	99	Resp:	432918
Ion Ratio	Lower	Upper	
99	100		
42	15.1	12.5	18.7
71	34.1	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

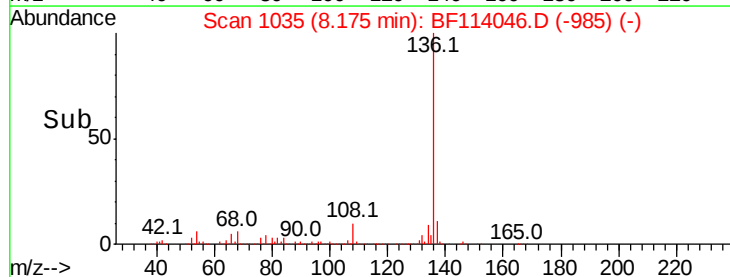
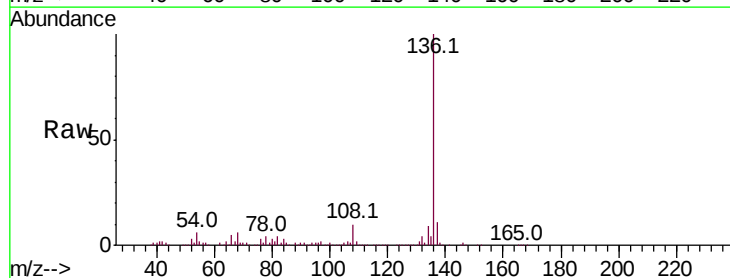
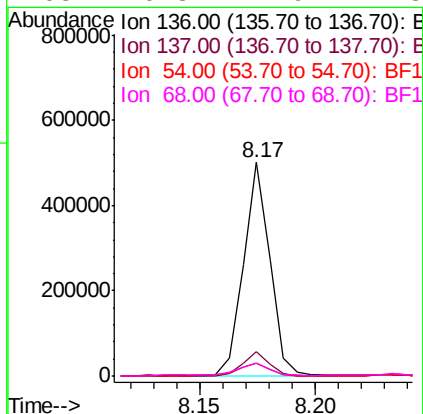
RT: 8.17 min Scan# 1035

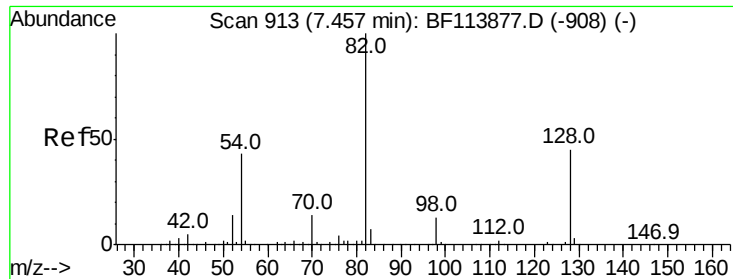
Delta R.T. -0.01 min

Lab File: BF114046.D

Acq: 30 Apr 2019 17:03

Tgt Ion:	136	Resp:	400998
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.6	12.8
54	6.3	5.0	7.6
68	6.3	4.9	7.3





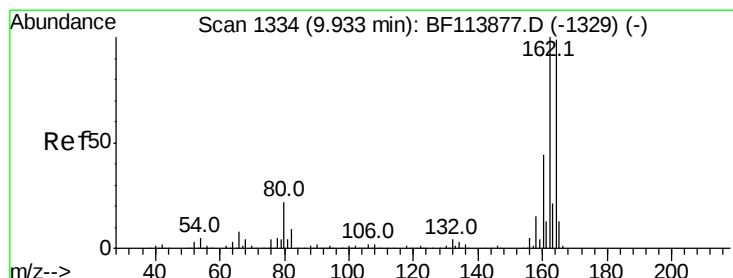
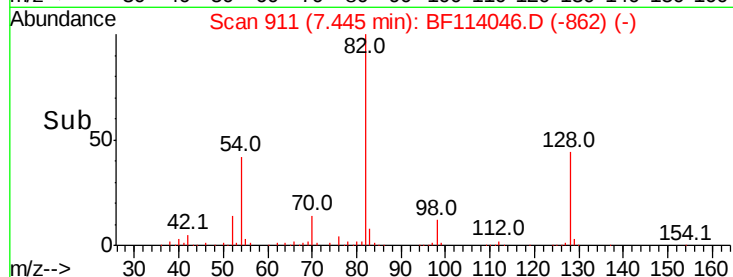
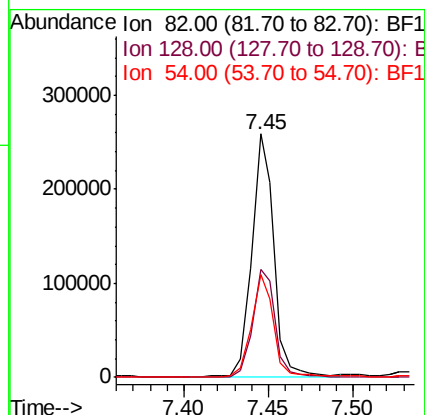
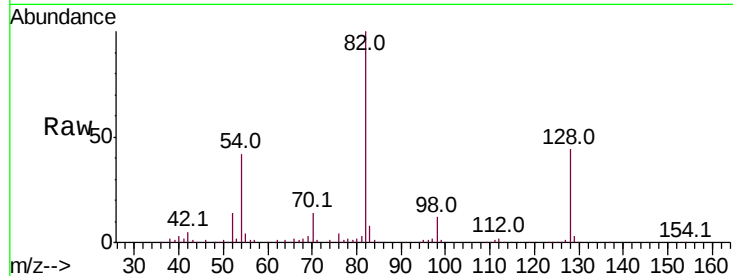
#23
Nitrobenzene-d5
Concen: 36.715 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF114046.D
Acq: 30 Apr 2019 17:03

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.8	55.2
54	42.1	33.8	50.6

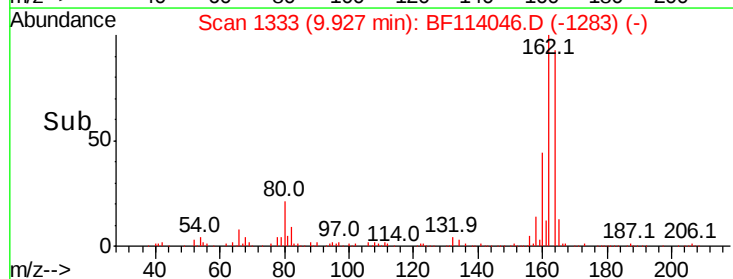
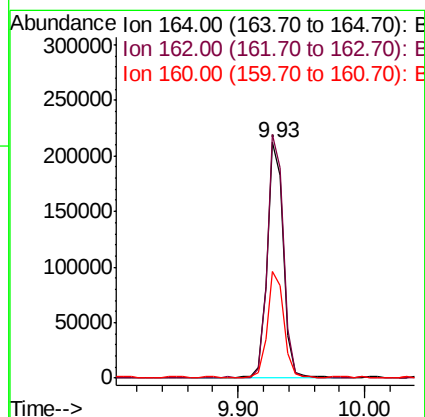
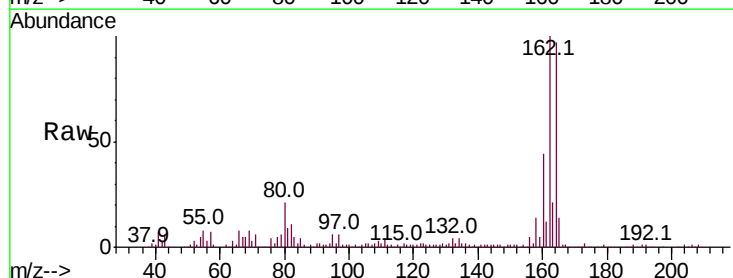
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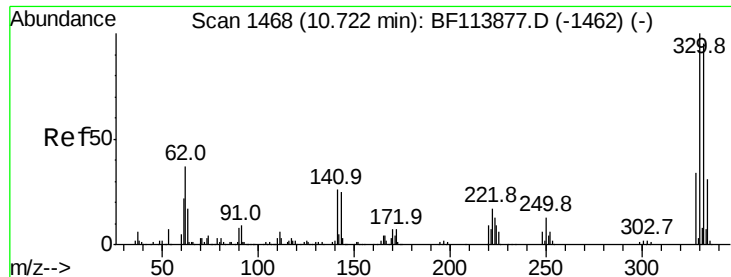
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114046.D
Acq: 30 Apr 2019 17:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.1	121.7
160	45.3	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 48.823 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF114046.D

Acq: 30 Apr 2019 17:03

Instrument :

BNA_F

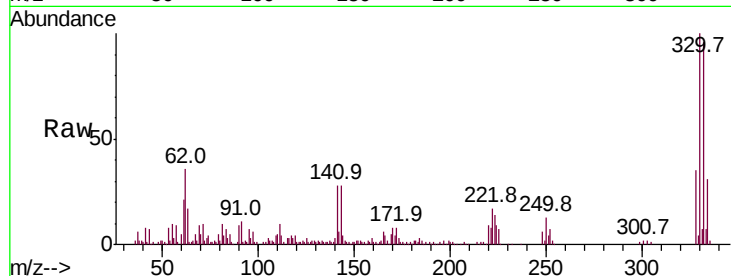
ClientSampleId :

JC-03-042919-D

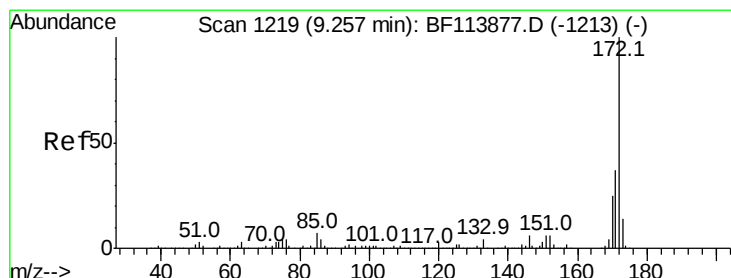
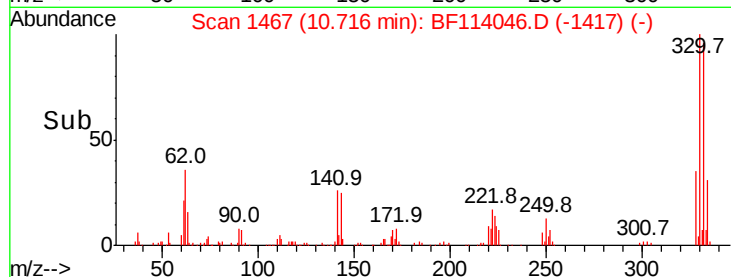
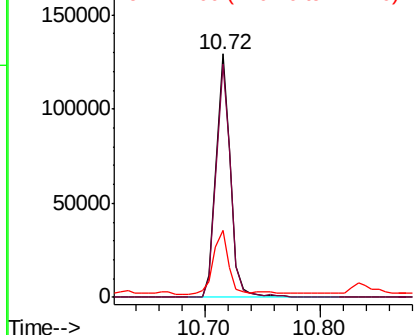
Tot Ion:	330	Resp:	111968
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.5	116.3
141	27.4	22.2	33.2

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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: 39.530 ng

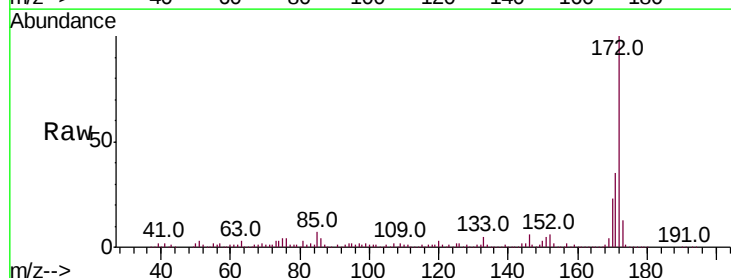
RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

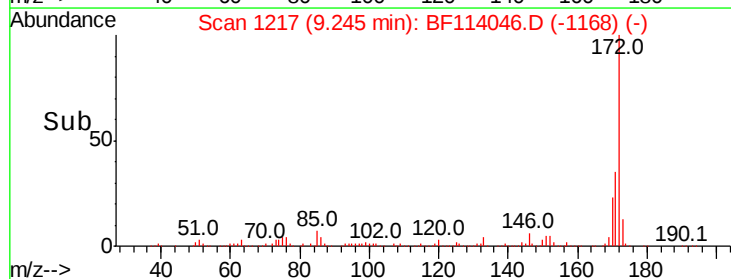
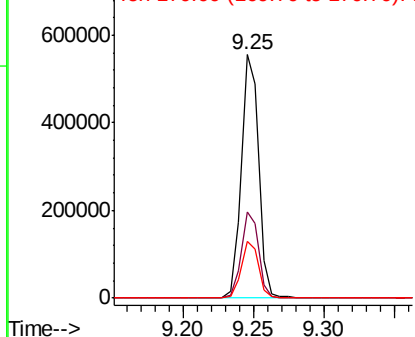
Lab File: BF114046.D

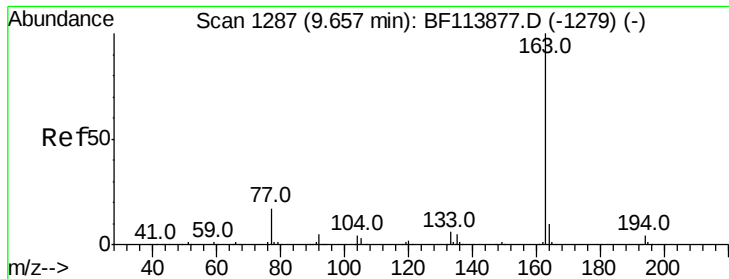
Acq: 30 Apr 2019 17:03

Tgt Ion:	172	Resp:	475813
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.4	44.0
170	23.4	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: 4.775 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF114046.D

Acq: 30 Apr 2019 17:03

Instrument :

BNA_F

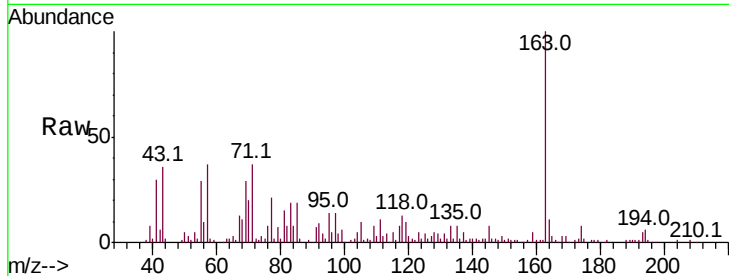
ClientSampleId :

JC-03-042919-D

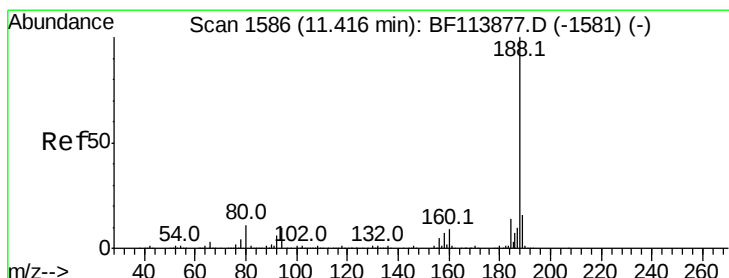
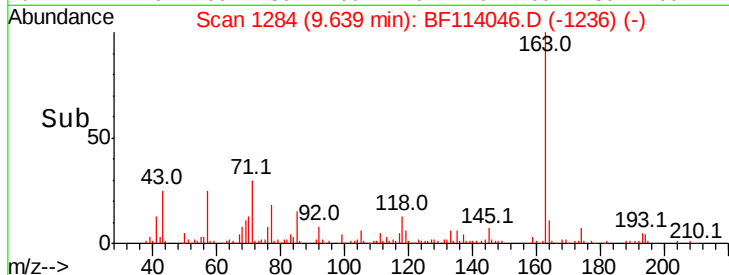
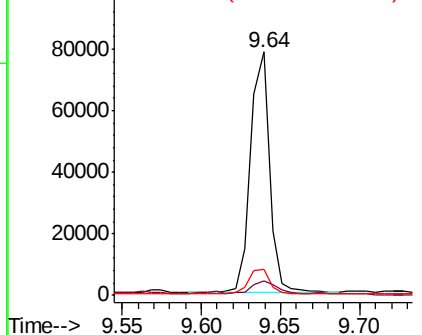
Tot Ion:163	Resp:	65008
Ion Ratio	Lower	Upper
163	100	
194	6.1	3.4 5.2#
164	10.5	8.5 12.7

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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

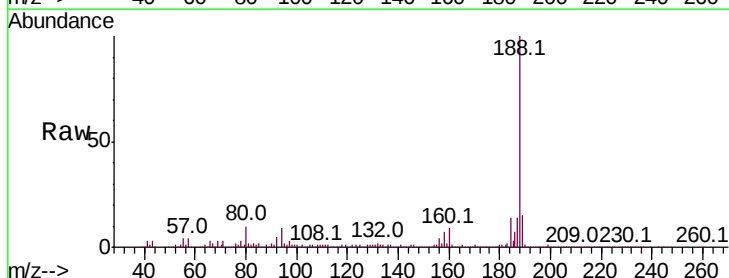
RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

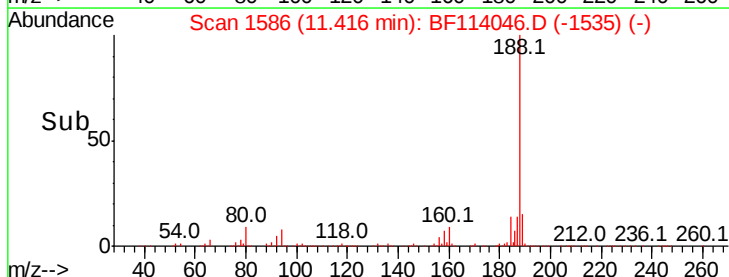
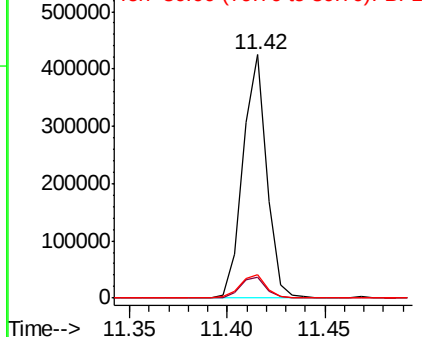
Lab File: BF114046.D

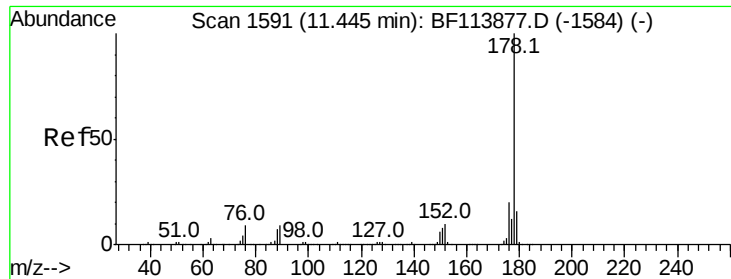
Acq: 30 Apr 2019 17:03

Tgt Ion:188	Resp:	359326
Ion Ratio	Lower	Upper
188	100	
94	8.8	8.2 12.4
80	9.7	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





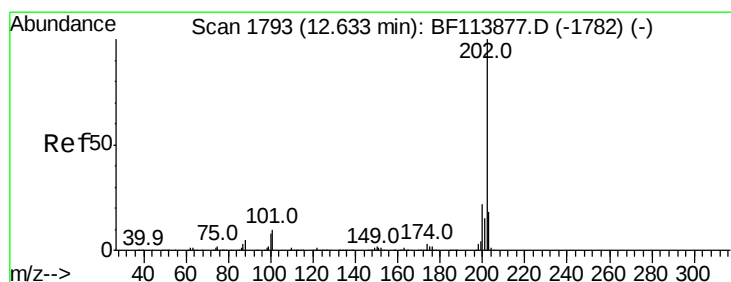
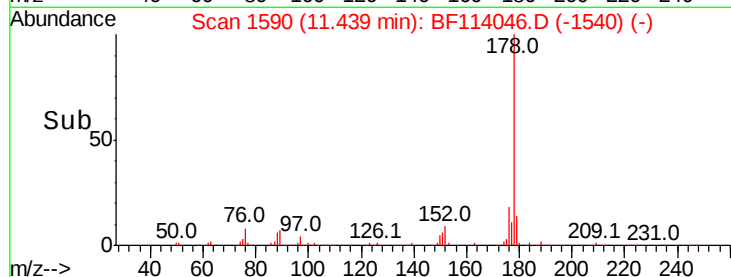
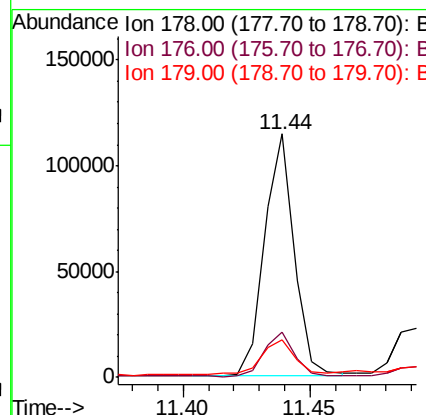
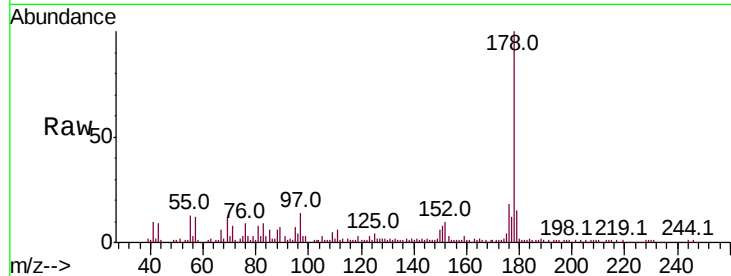
#71
Phenanthrene
Concen: 5.165 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF114046.D
Acq: 30 Apr 2019 17:03

Instrument :
BNA_F
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JC-03-042919-D

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.1	24.1
179	15.2	12.8	19.2

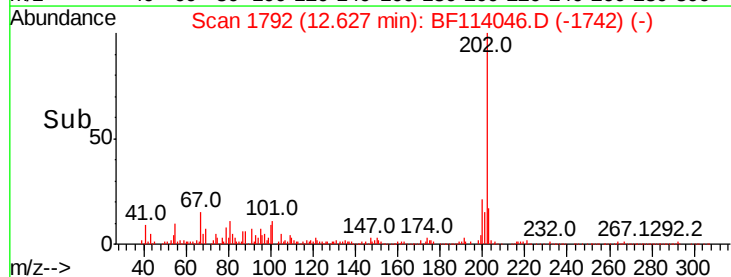
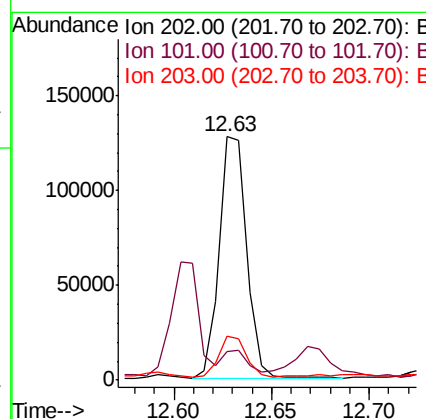
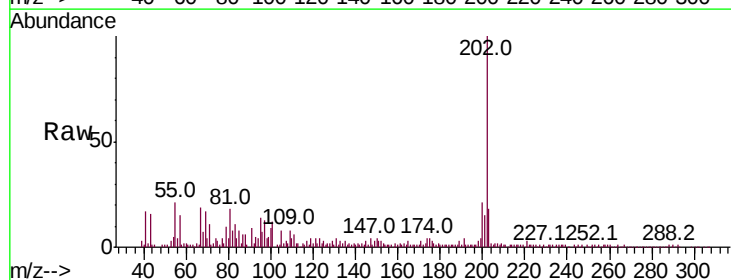
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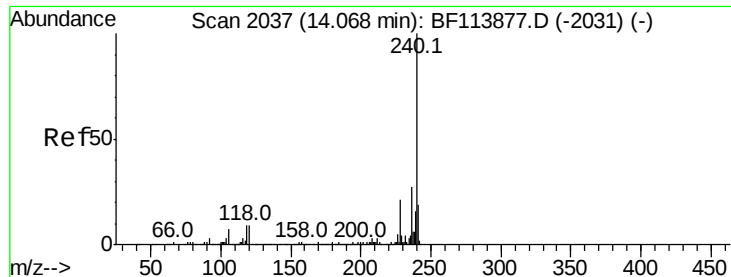
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#75
Fluoranthene
Concen: 6.289 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF114046.D
Acq: 30 Apr 2019 17:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.9
203	18.2	0.0	38.2





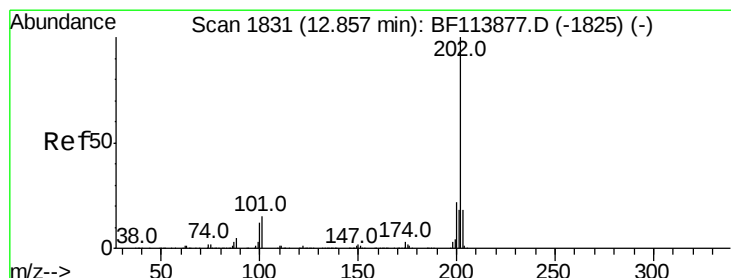
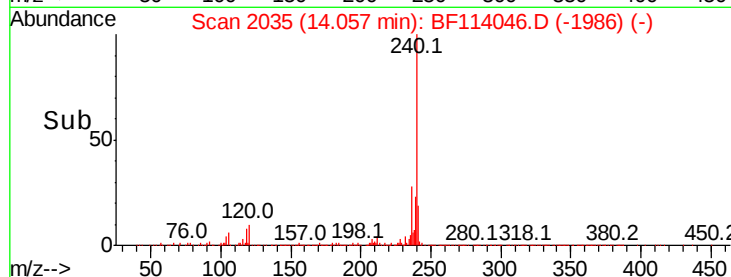
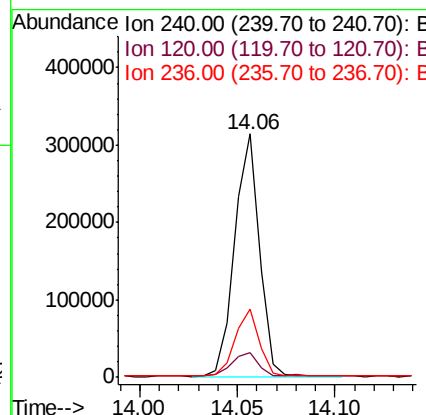
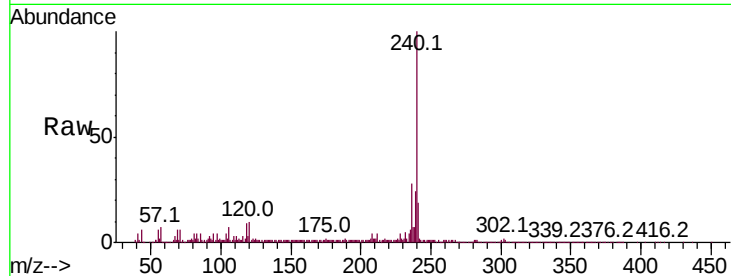
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF114046.D
Acq: 30 Apr 2019 17:03

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

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.2	9.3	13.9	
236	27.8	21.2	31.8	

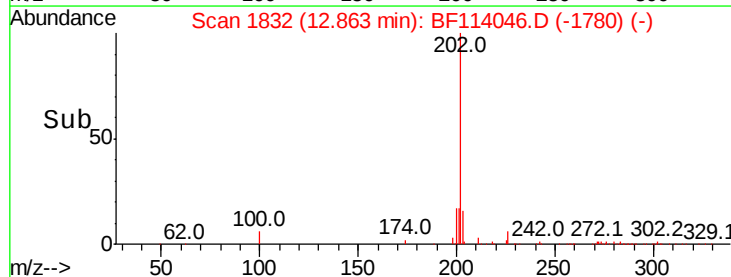
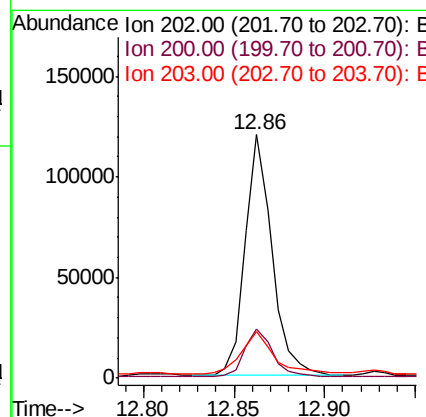
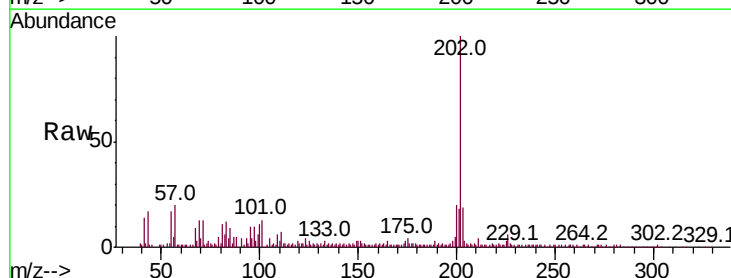
Manual Integrations
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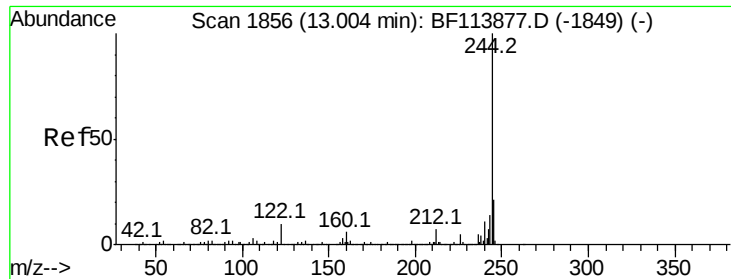
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#78
Pyrene
Concen: 6.462 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF114046.D
Acq: 30 Apr 2019 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	19.9	17.7	26.5	
203	19.3	15.0	22.6	





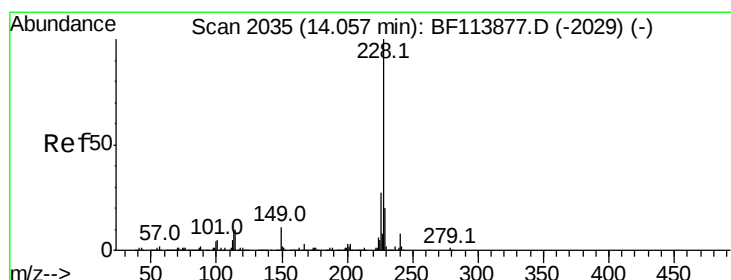
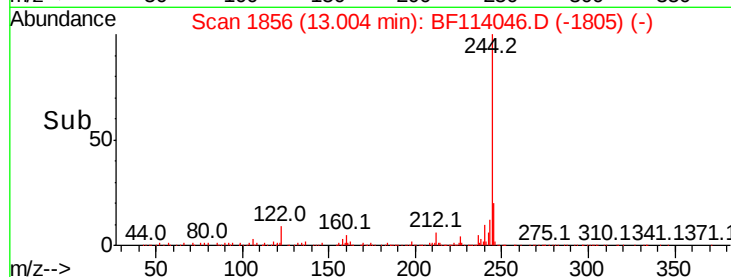
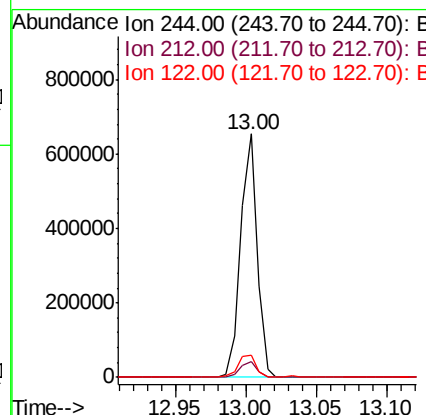
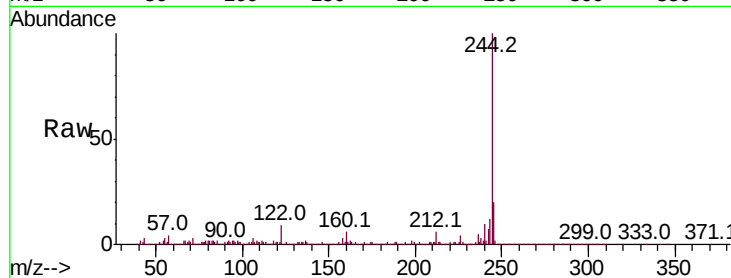
#79
 Terphenyl-d14
 Concen: 39.708 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.00 min
 Lab File: BF114046.D
 Acq: 30 Apr 2019 17:03

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.2
122	9.0	7.6	11.4

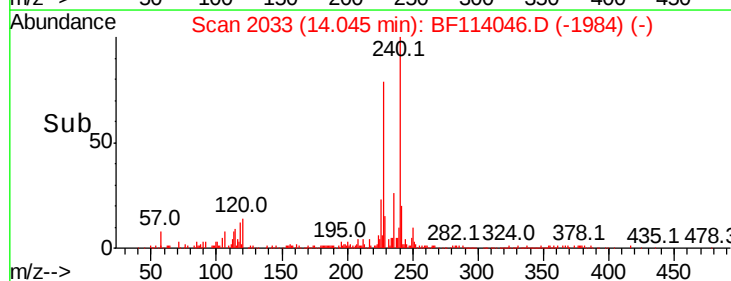
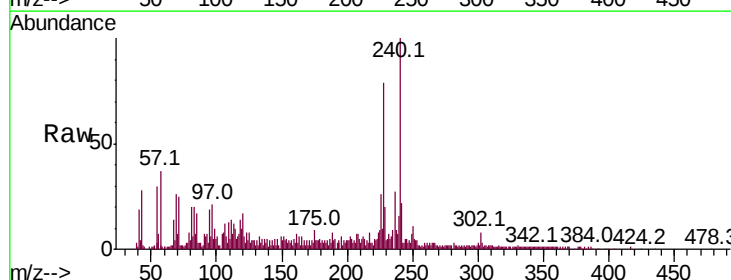
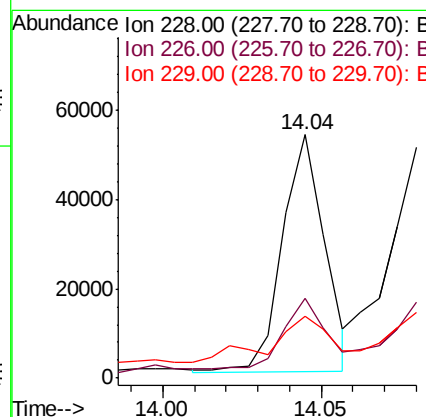
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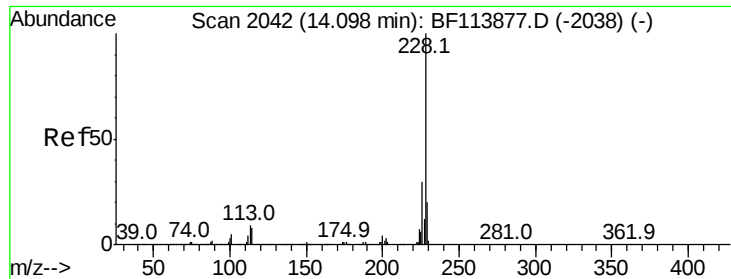
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#81
 Benzo(a)anthracene
 Concen: 3.072 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF114046.D
 Acq: 30 Apr 2019 17:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.2	33.2
229	25.4	16.0	24.0#





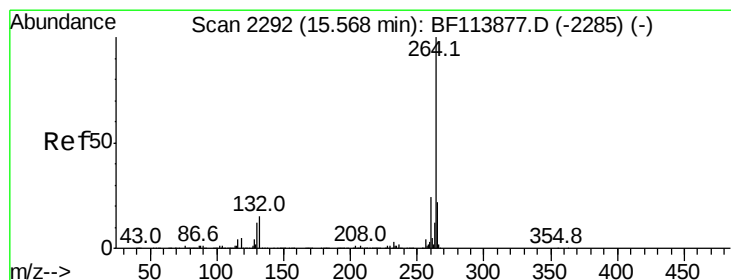
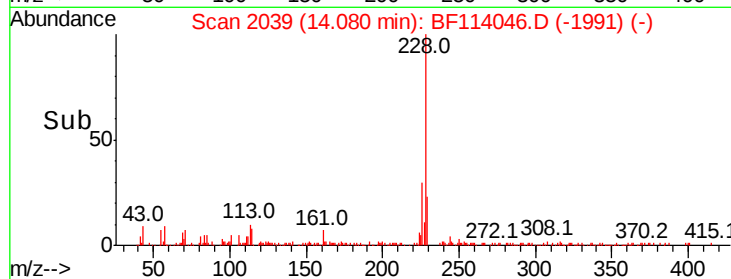
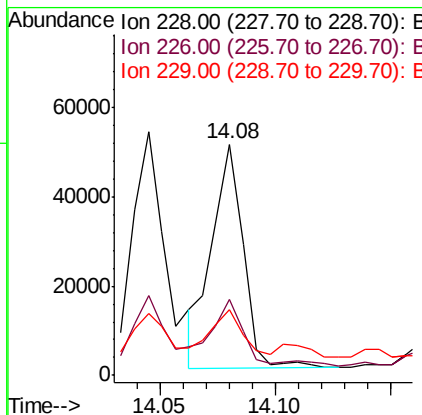
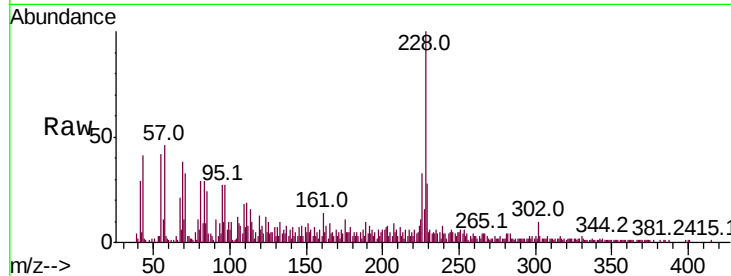
#83
Chrysene
Concen: 3.042 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.02 min
Lab File: BF114046.D
Acq: 30 Apr 2019 17:03

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.2	37.8
229	28.2	16.7	25.1

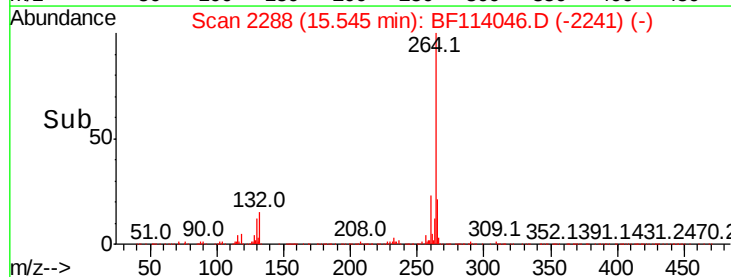
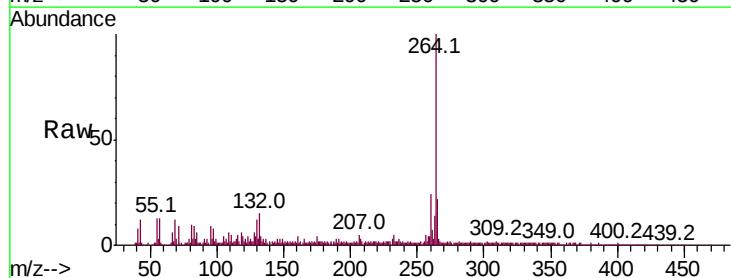
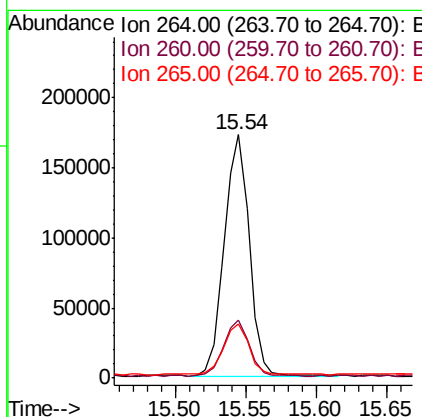
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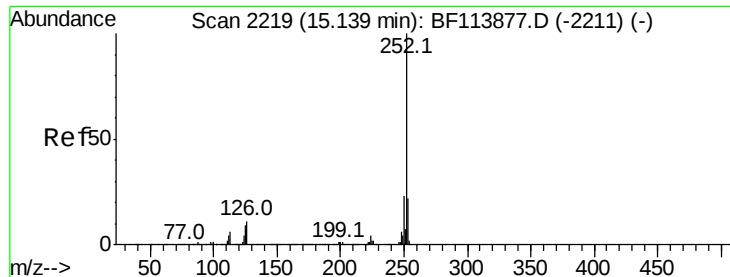
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BF114046.D
Acq: 30 Apr 2019 17:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	22.3	17.3	25.9





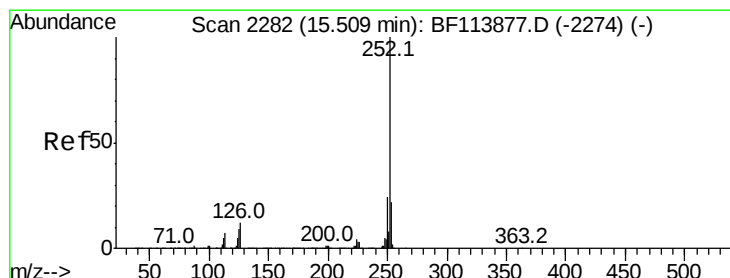
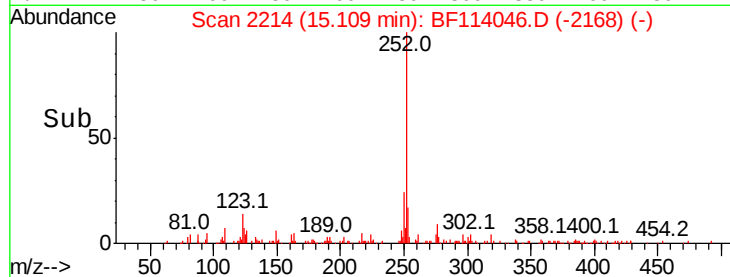
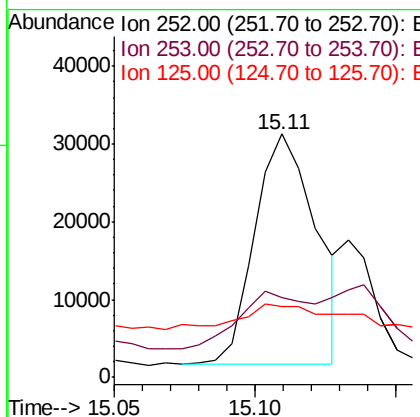
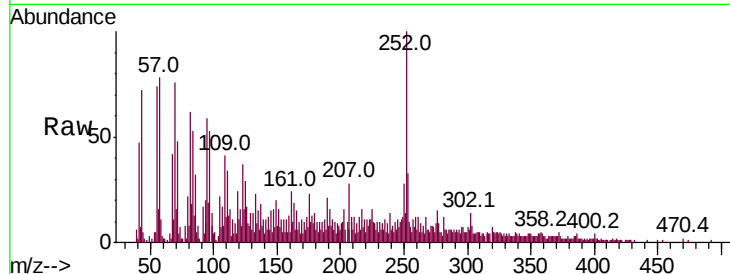
#88
Benzo(b)fluoranthene
Concen: 3.368 ng m
RT: 15.11 min Scan# 2214
Delta R.T. -0.03 min
Lab File: BF114046.D
Acq: 30 Apr 2019 17:03

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.7	17.8	26.6#
125	29.1	7.0	10.6#

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#90
Benzo(a)pyrene
Concen: 2.790 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.03 min
Lab File: BF114046.D
Acq: 30 Apr 2019 17:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.7	17.5	26.3#
125	32.0	8.5	12.7#

