

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
 Data File : BF113861.D
 Acq On : 19 Apr 2019 16:29
 Operator : JU/SJ
 Sample : K2202-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-041819-A

Manual Integrations
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 4/22/2019 7:26:46 PM

Quant Time: Apr 22 03:16:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	205523	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	731844	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	336788	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	631462	20.00	ng	0.02
76) Chrysene-d12	14.43	240	550278m	20.00	ng	0.39
87) Perylene-d12	16.32	264	484014m	20.00	ng	0.81
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	636005	51.46	ng	0.01
7) Phenol-d6	6.52	99	809766	52.53	ng	0.00
23) Nitrobenzene-d5	7.46	82	448266	37.30	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	213691	57.43	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	819495	37.11	ng	0.00
79) Terphenyl-d14	13.14	244	890617	33.94	ng	0.14
Target Compounds						
50) Dimethylphthalate	9.65	163	138961	5.896	ng	100
71) Phenanthrene	11.45	178	132910	4.133	ng	97
75) Fluoranthene	12.72	202	303566	8.906	ng	97
78) Pyrene	12.97	202	294178	7.586	ng	97
81) Benzo(a)anthracene	14.42	228	146936m	4.568	ng	
83) Chrysene	14.46	228	141153m	4.421	ng	
86) Indeno(1,2,3-cd)pyrene	17.88	276	68376m	2.623	ng	
88) Benzo(b)fluoranthene	15.82	252	172086m	5.703	ng	
90) Benzo(a)pyrene	16.24	252	116394m	4.363	ng	
92) Benzo(g,h,i)perylene	18.34	276	63039m	2.613	ng	

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

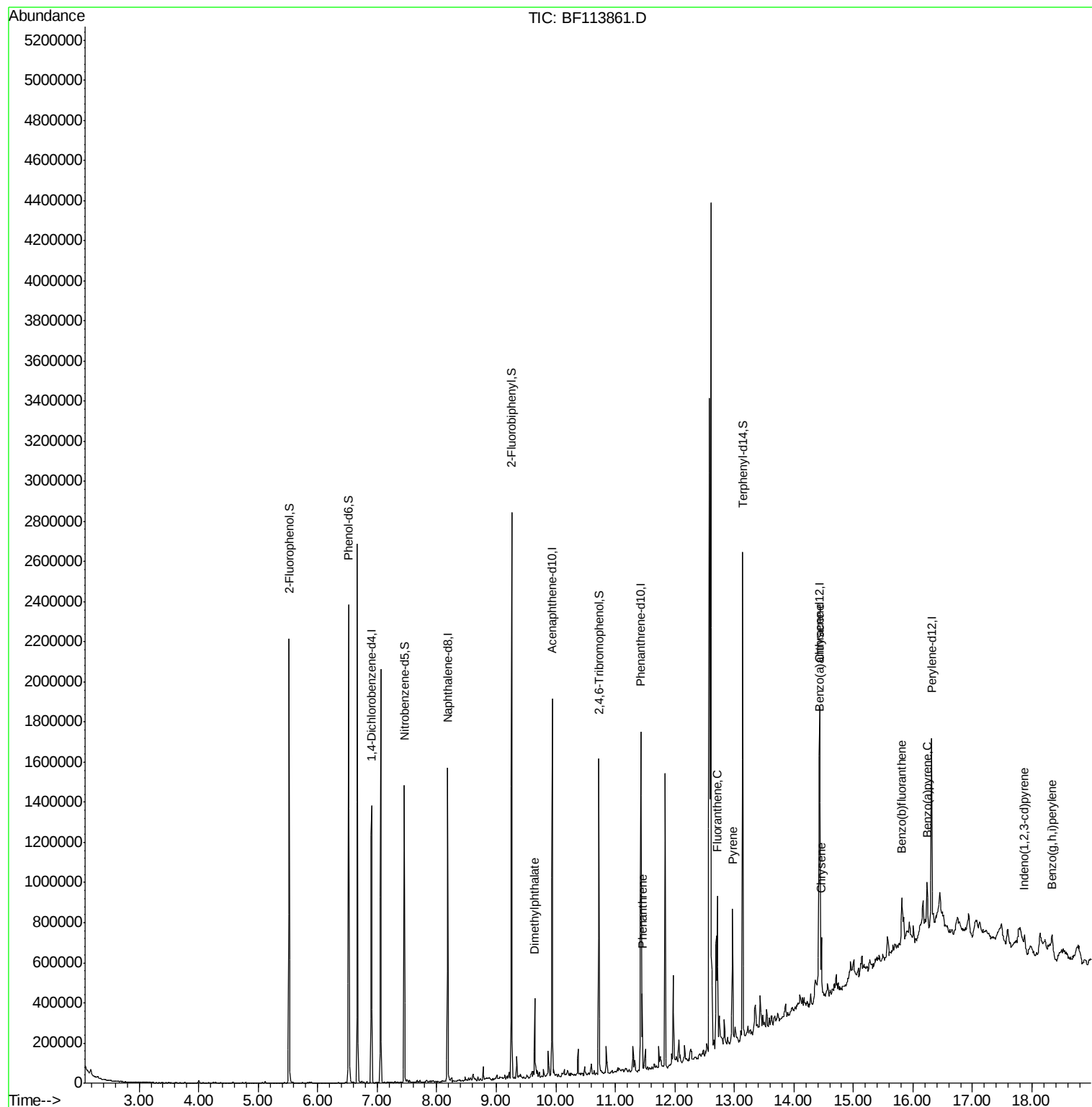
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113861.D
Acq On : 19 Apr 2019 16:29
Operator : JU/SJ
Sample : K2202-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

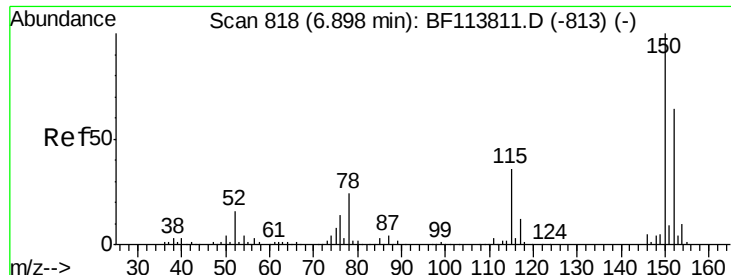
Instrument :
BNA_F
ClientSampleId :
SA-06-041819-A

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
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#1

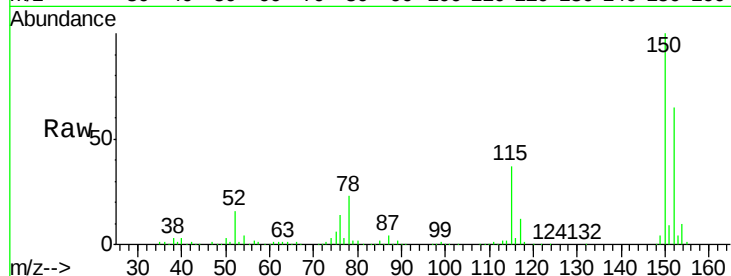
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF113861.D
Acq: 19 Apr 2019 16:29

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-A

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	205523		
150	153.8	125.9	188.9	
115	57.0	45.9	68.9	

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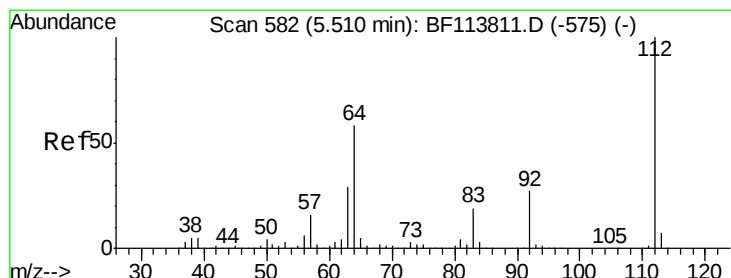
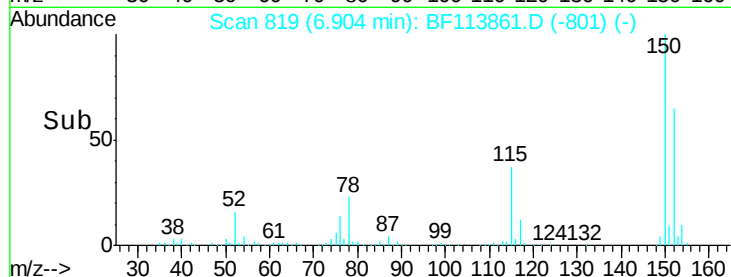
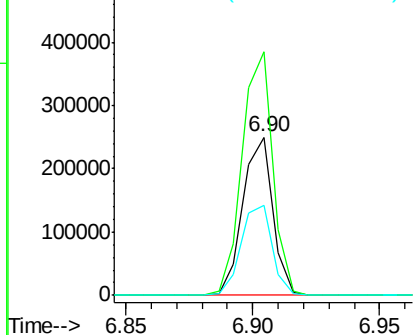


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

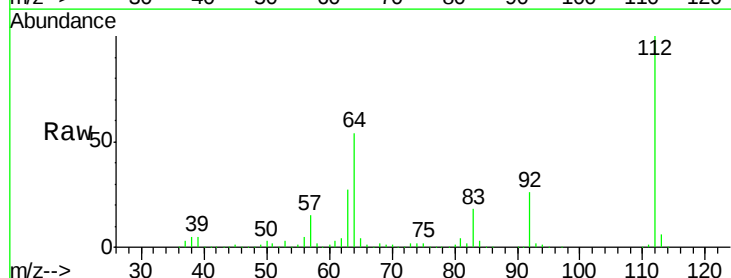
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 51.456 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF113861.D
Acq: 19 Apr 2019 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	636005		
64	53.9	46.6	69.8	
63	26.9	23.1	34.7	

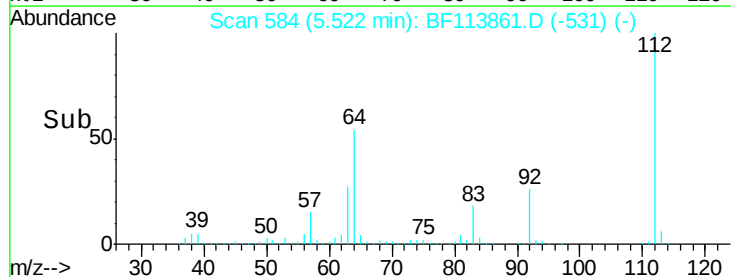
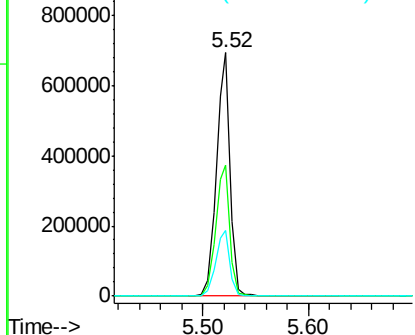


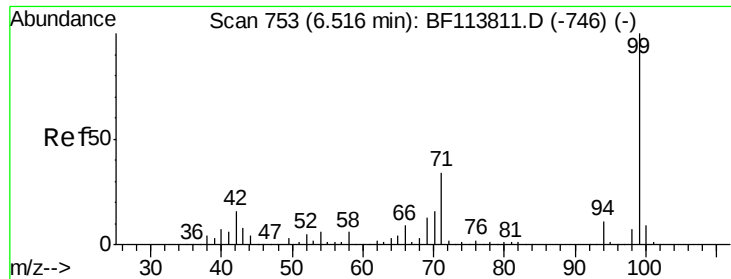
Abundance

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: 52.534 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

Instrument :

BNA_F

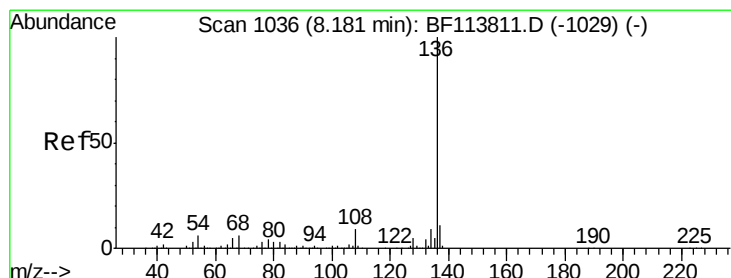
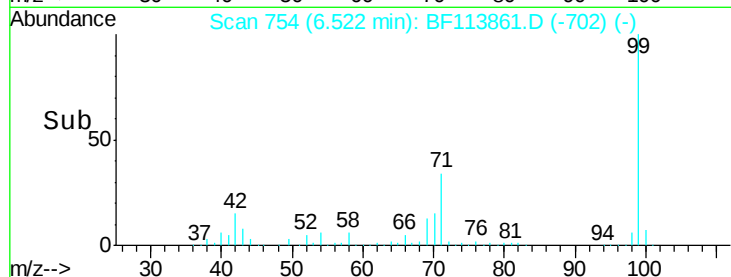
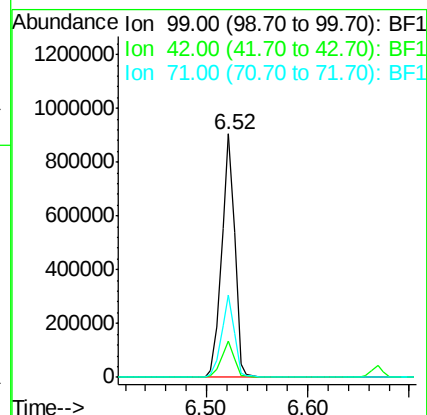
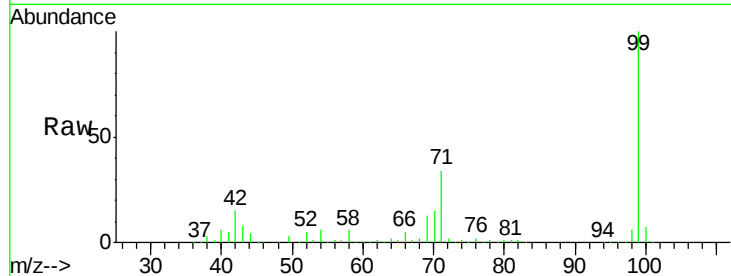
ClientSampleId :

SA-06-041819-A

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		809766		
42	15.1	12.5	18.7		
71	33.7	26.9	40.3		

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#21

Naphthalene-d8

Concen: 20.000 ng

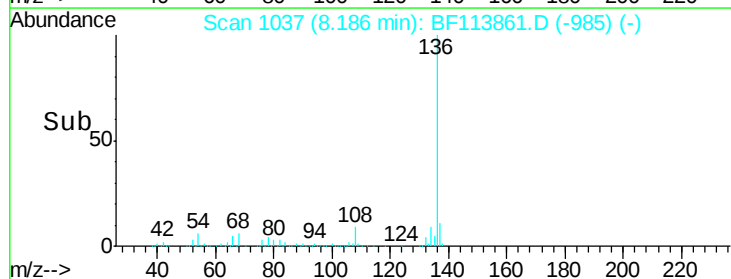
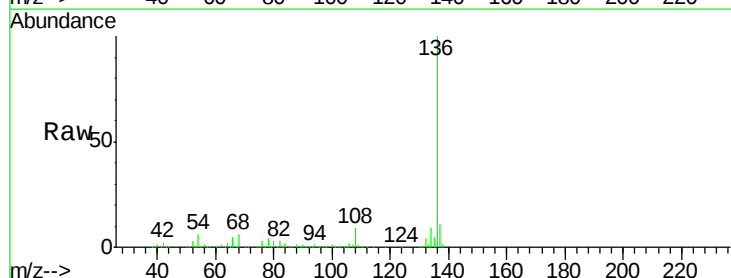
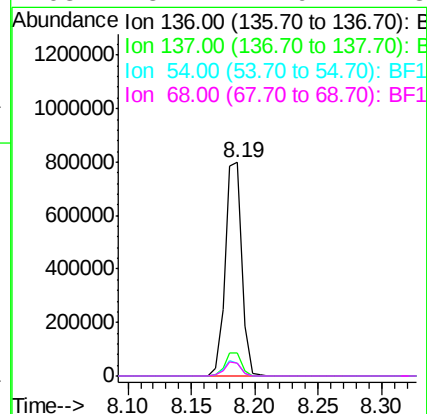
RT: 8.19 min Scan# 1037

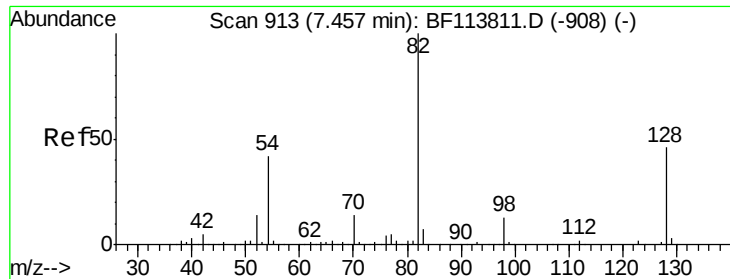
Delta R.T. 0.01 min

Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		731844		
137	11.0	8.6	12.8		
54	6.0	5.0	7.6		
68	5.7	4.9	7.3		





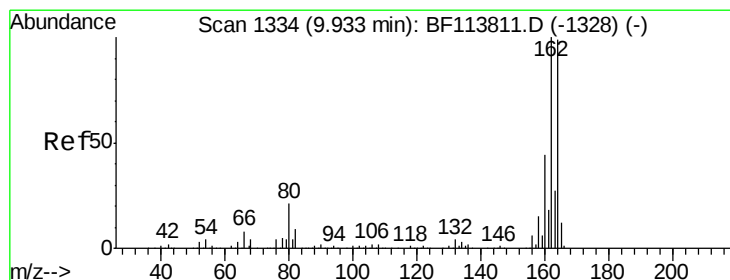
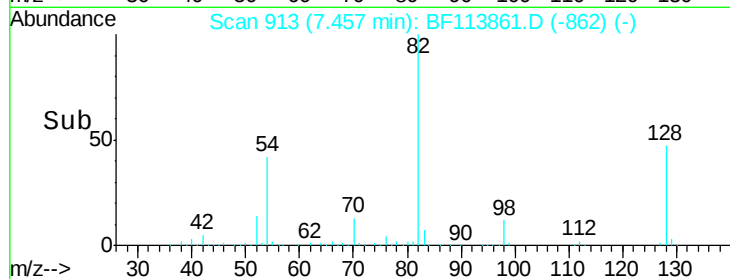
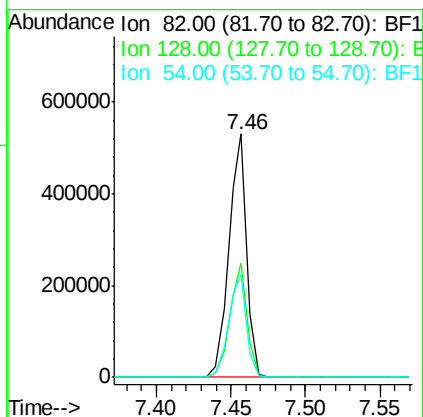
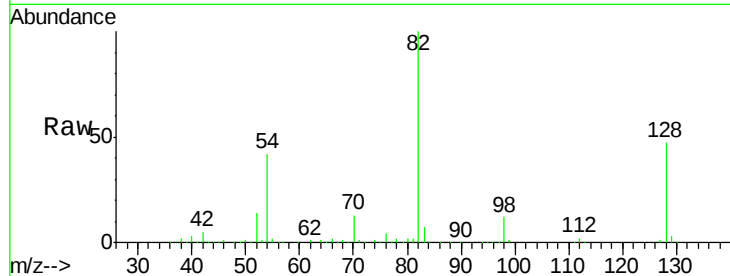
#23
 Nitrobenzene-d5
 Concen: 37.300 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF113861.D
 Acq: 19 Apr 2019 16:29

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-041819-A

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	448266		
128	47.0	36.8	55.2	
54	42.2	33.8	50.6	

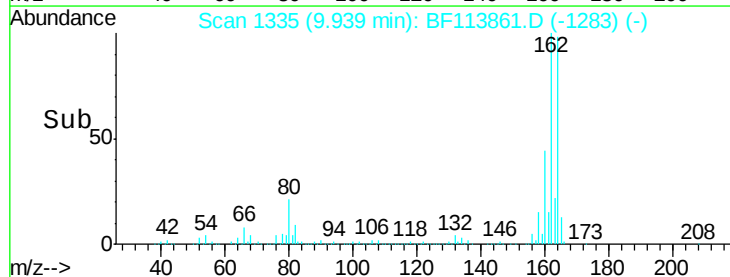
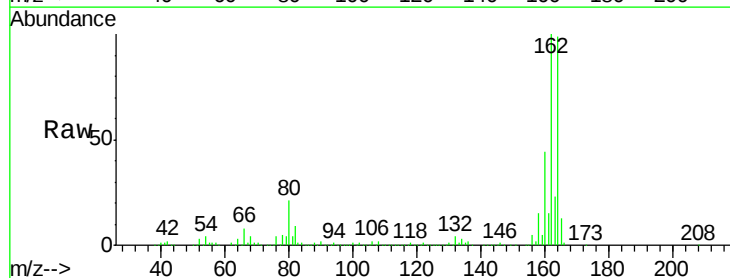
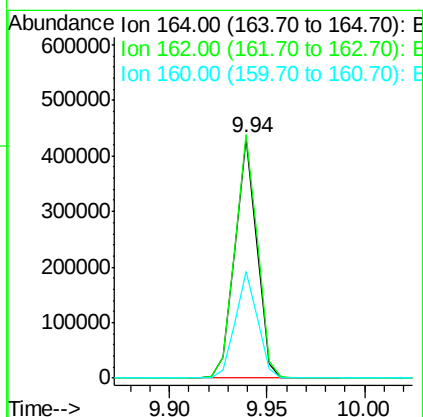
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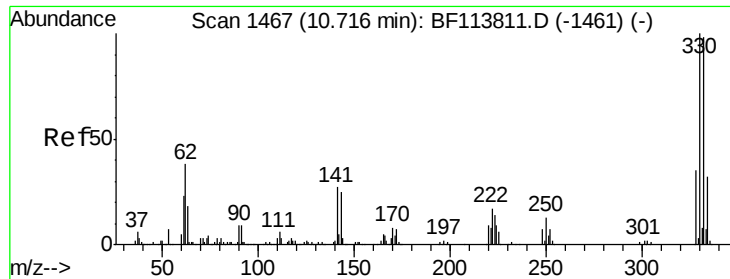
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF113861.D
 Acq: 19 Apr 2019 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	336788		
162	101.5	81.1	121.7	
160	44.3	35.8	53.6	





#42

2,4,6-Tribromophenol

Concen: 57.430 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

Instrument :

BNA_F

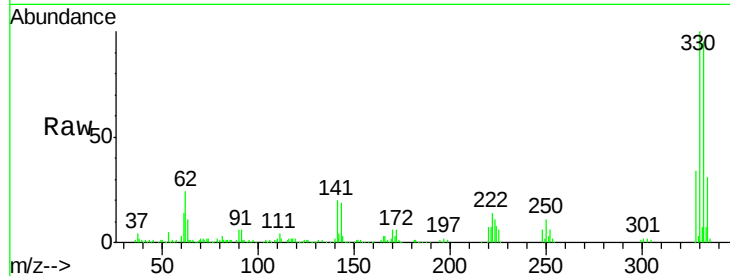
ClientSampleId :

SA-06-041819-A

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	213691		
332	94.2	77.5	116.3	
141	27.0	22.2	33.2	

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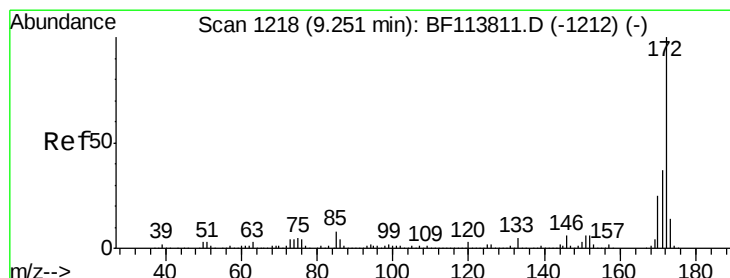
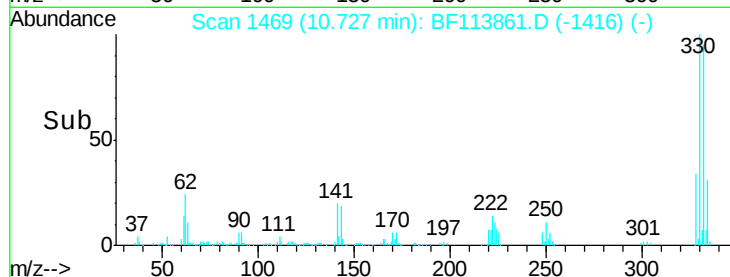
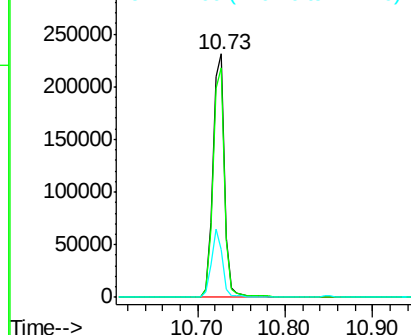


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 37.108 ng

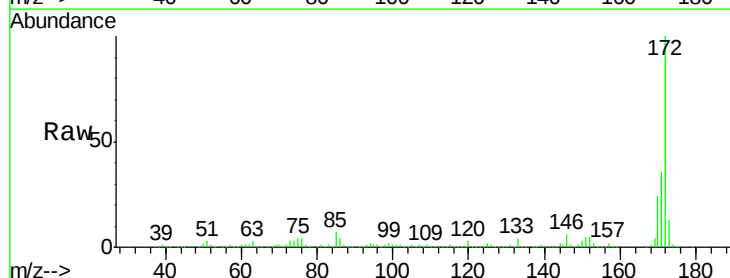
RT: 9.26 min Scan# 1219

Delta R.T. 0.01 min

Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	819495		
171	35.8	29.4	44.0	
170	23.8	19.9	29.9	

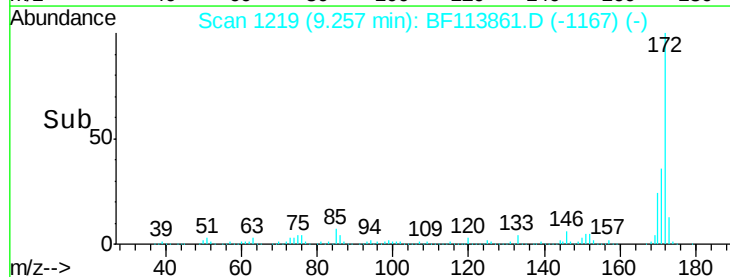
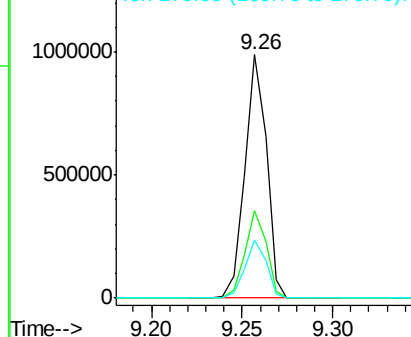


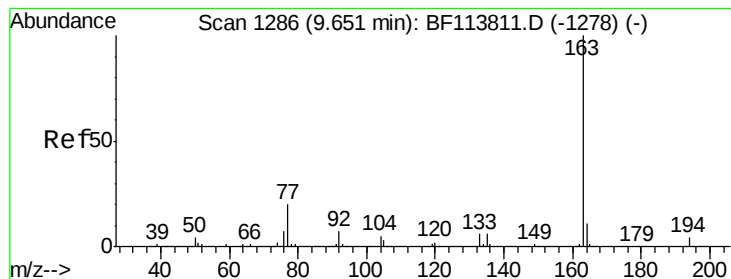
Abundance

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: 5.896 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

Instrument :

BNA_F

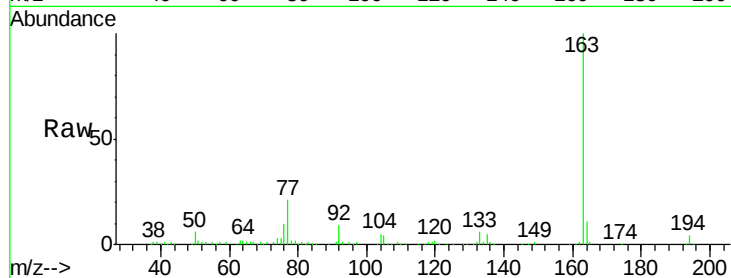
ClientSampleId :

SA-06-041819-A

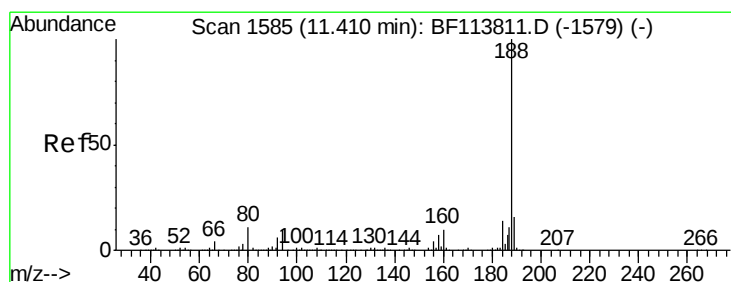
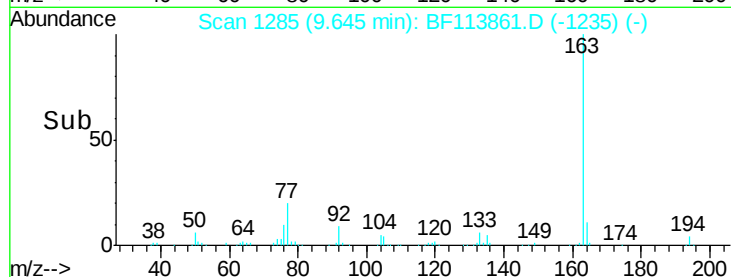
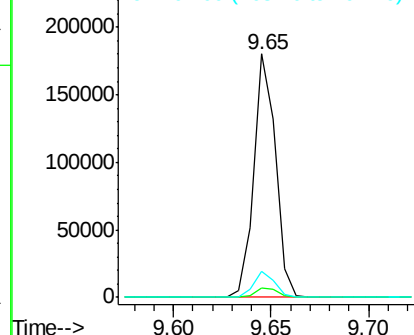
Tgt Ion:	163	Resp:	138961
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.2
164	10.7	8.5	12.7

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

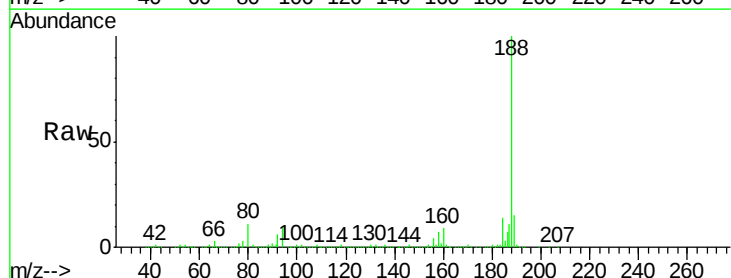
RT: 11.43 min Scan# 1588

Delta R.T. 0.02 min

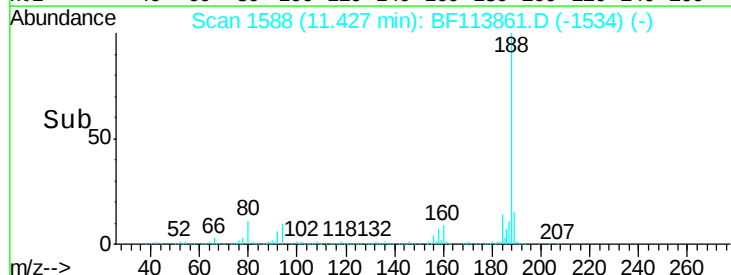
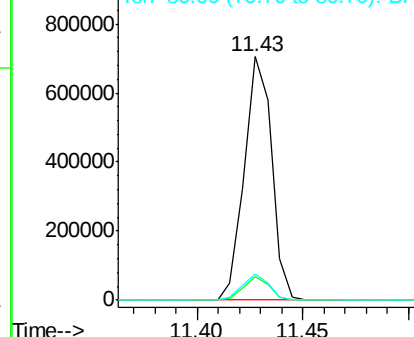
Lab File: BF113861.D

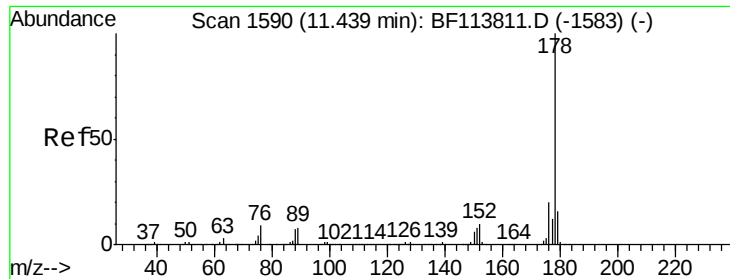
Acq: 19 Apr 2019 16:29

Tgt Ion:	188	Resp:	631462
Ion Ratio	Lower	Upper	
188	100		
94	9.6	8.2	12.4
80	10.9	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





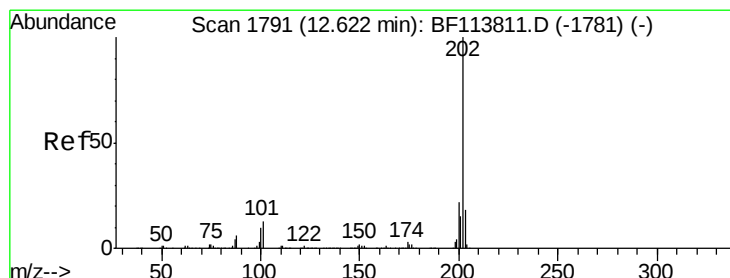
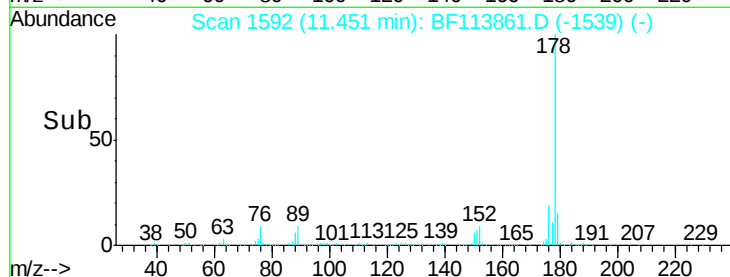
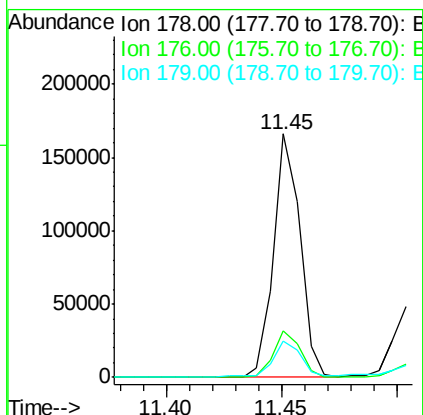
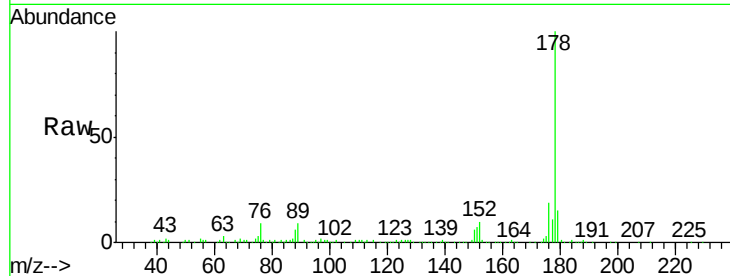
#71
Phenanthrene
Concen: 4.133 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF113861.D
Acq: 19 Apr 2019 16:29

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-A

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.1	24.1
179	15.0	12.8	19.2

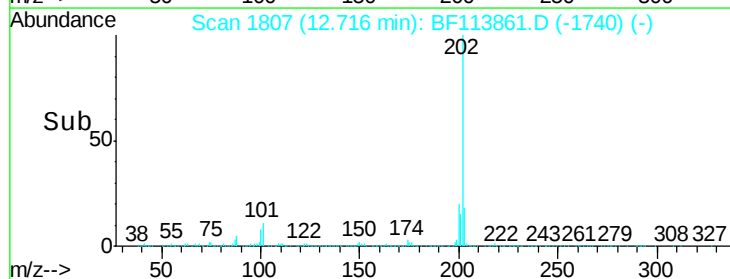
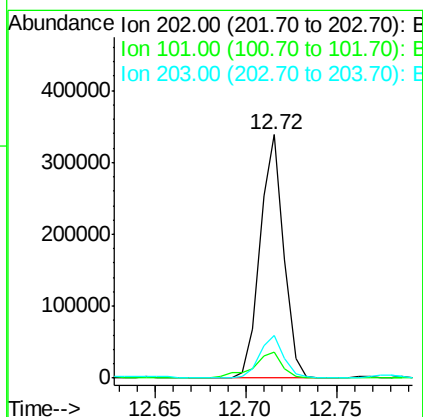
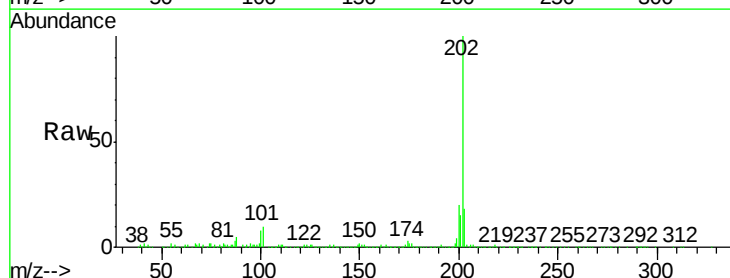
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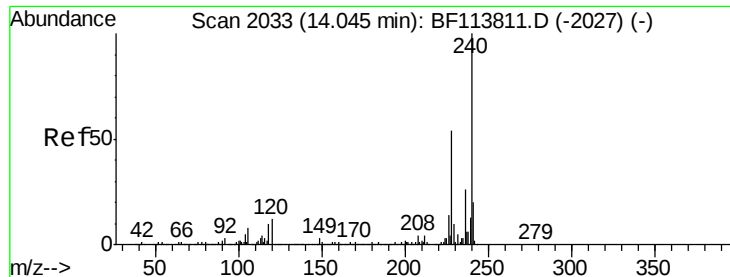
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#75
Fluoranthene
Concen: 8.906 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.09 min
Lab File: BF113861.D
Acq: 19 Apr 2019 16:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	32.9
203	17.7	0.0	38.2





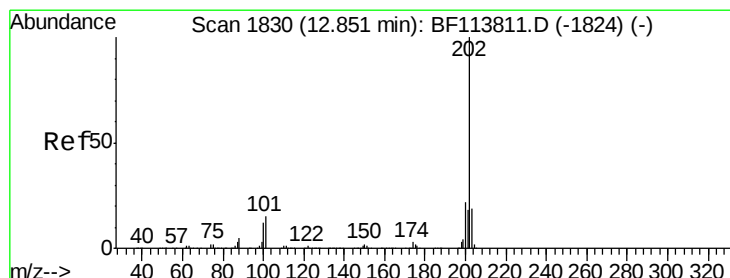
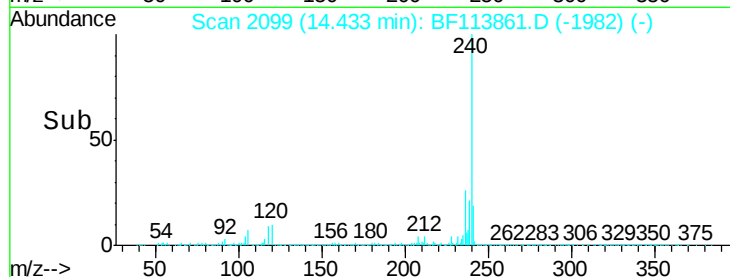
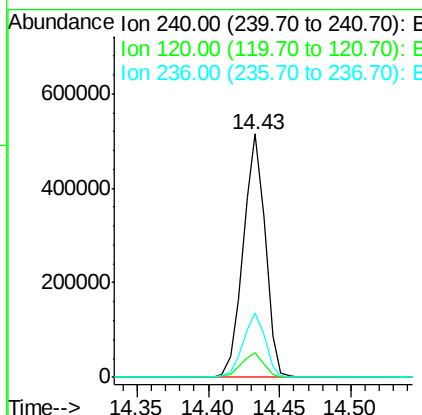
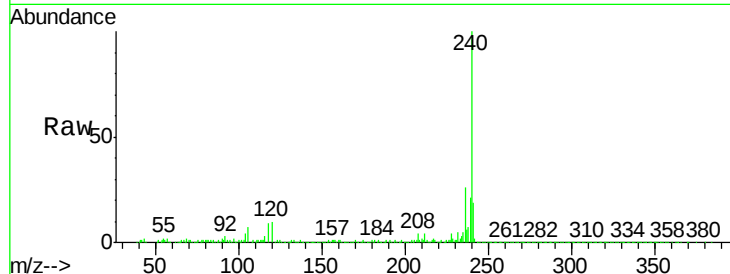
#76
Chrysene-d12
Concen: 20.000 ng m
RT: 14.43 min Scan# 2099
Delta R.T. 0.39 min
Lab File: BF113861.D
Acq: 19 Apr 2019 16:29

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-A

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	550278		
120	10.3	9.3	13.9	
236	26.5	21.2	31.8	

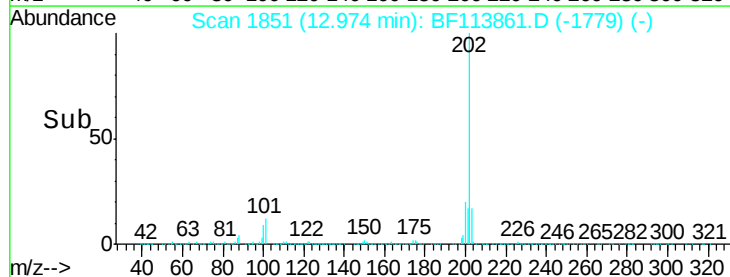
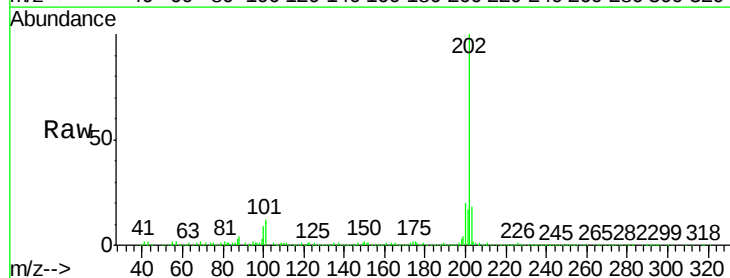
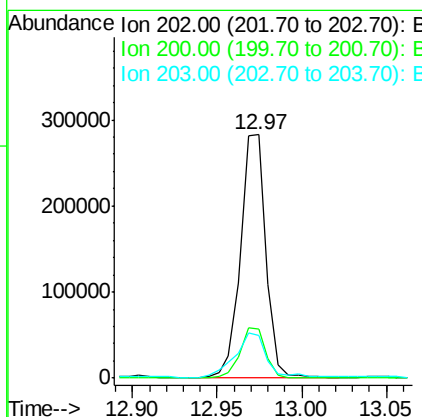
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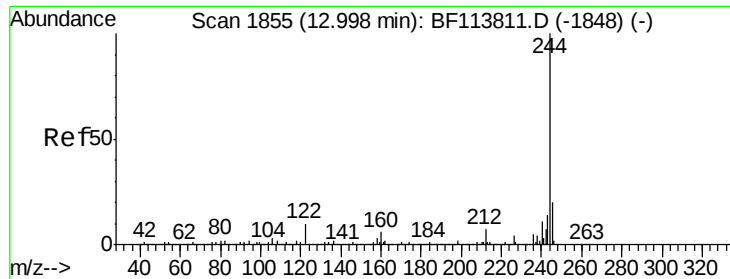
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4/22/2019 7:26:46 PM



#78
Pyrene
Concen: 7.586 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.12 min
Lab File: BF113861.D
Acq: 19 Apr 2019 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	294178		
200	20.3	17.7	26.5	
203	17.6	15.0	22.6	





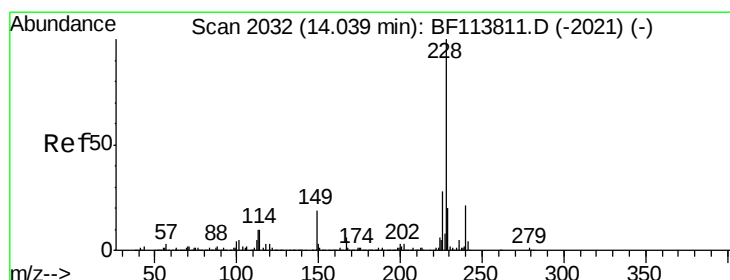
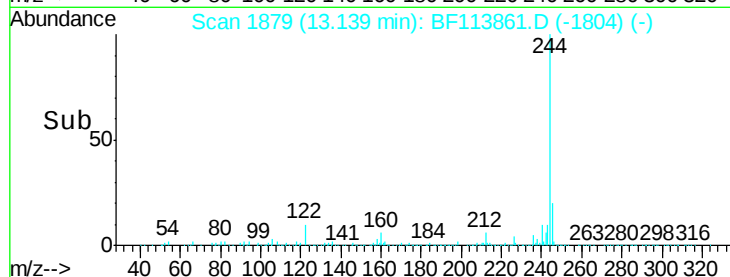
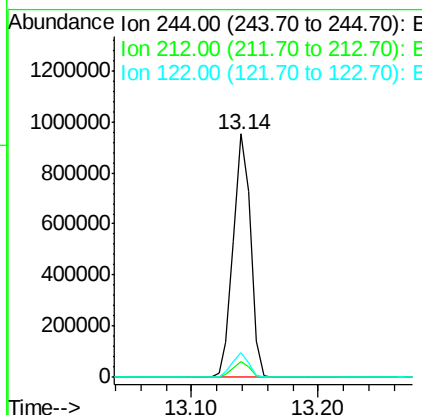
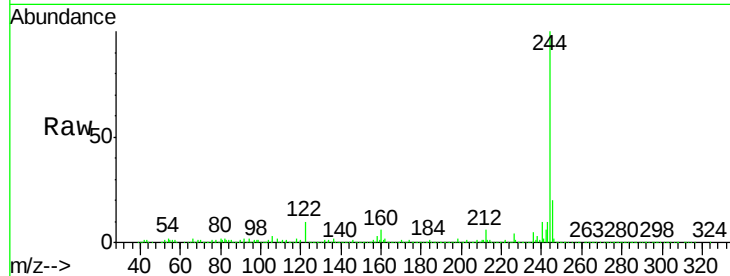
#79
 Terphenyl-d14
 Concen: 33.939 ng
 RT: 13.14 min Scan# 1879
 Delta R.T. 0.14 min
 Lab File: BF113861.D
 Acq: 19 Apr 2019 16:29

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-041819-A

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.2
122	10.2	7.6	11.4

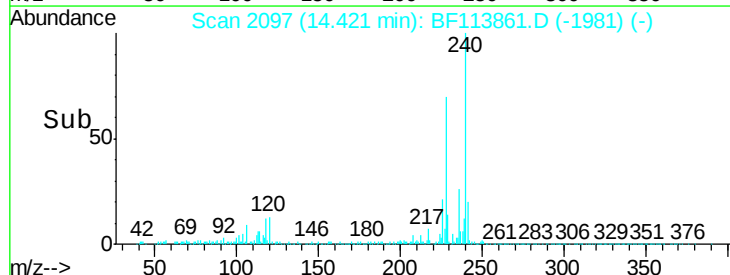
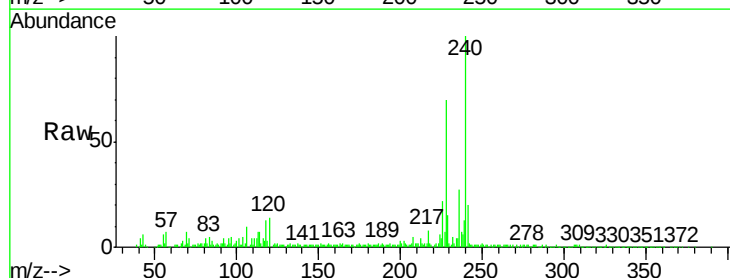
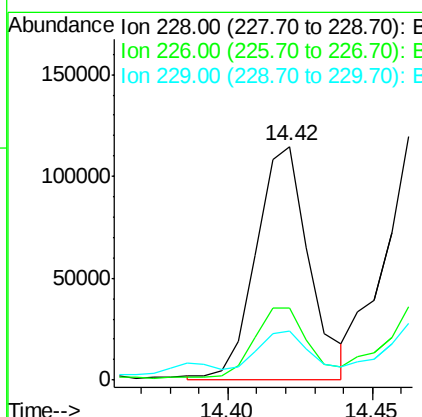
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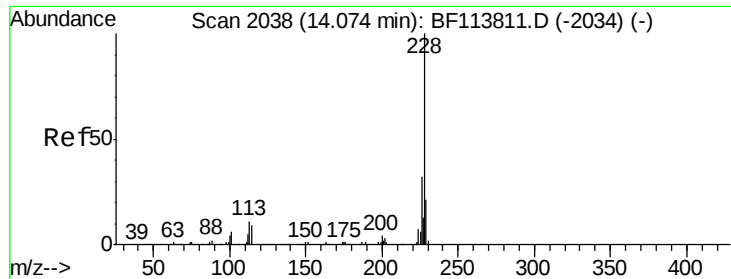
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#81
 Benzo(a)anthracene
 Concen: 4.568 ng m
 RT: 14.42 min Scan# 2097
 Delta R.T. 0.38 min
 Lab File: BF113861.D
 Acq: 19 Apr 2019 16:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.2	33.2
229	21.0	16.0	24.0





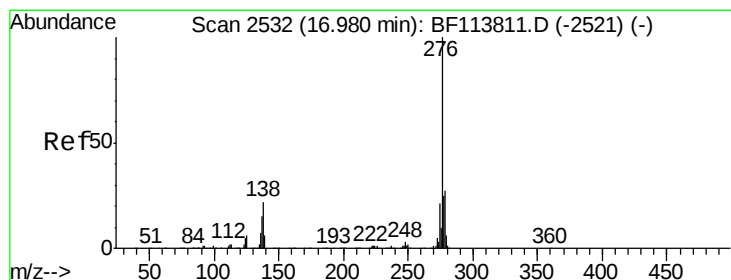
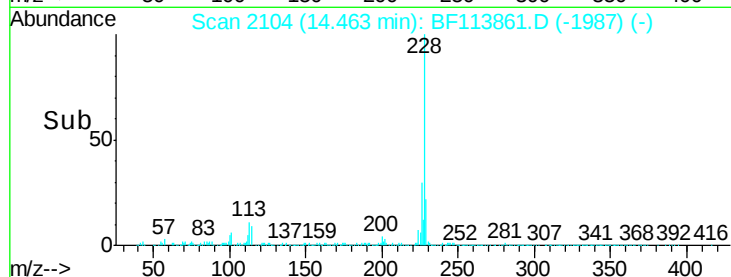
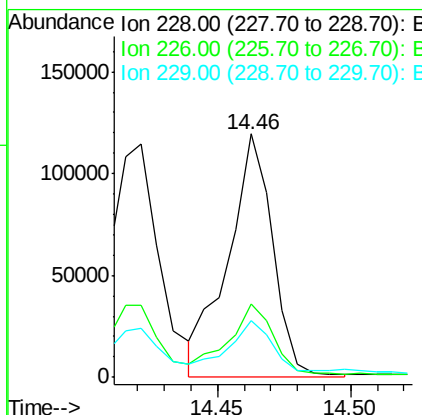
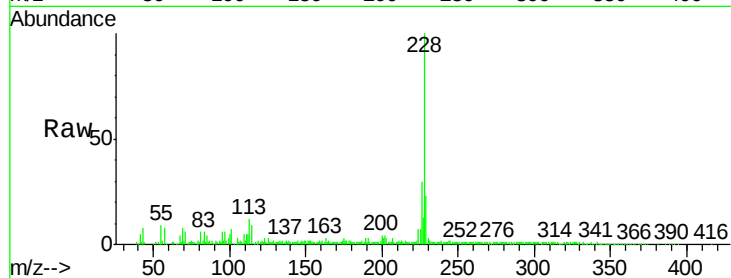
#83
Chrysene
Concen: 4.421 ng m
RT: 14.46 min Scan# 2104
Delta R.T. 0.39 min
Lab File: BF113861.D
Acq: 19 Apr 2019 16:29

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-A

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.2	37.8
229	23.1	16.7	25.1

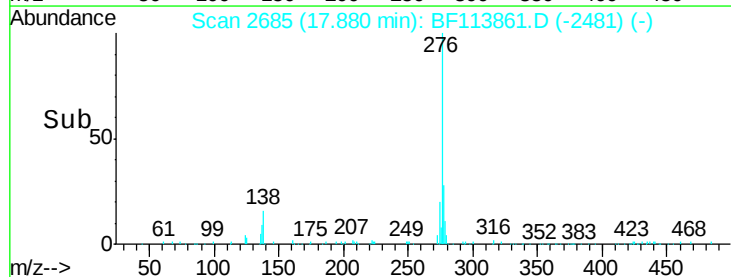
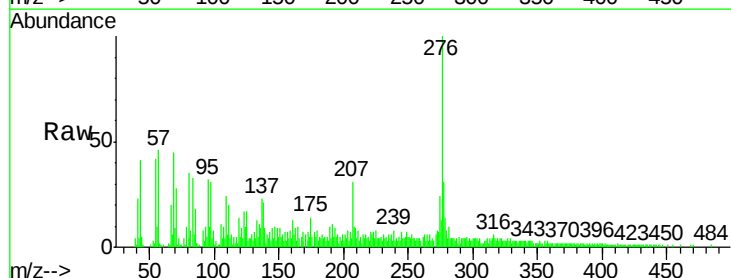
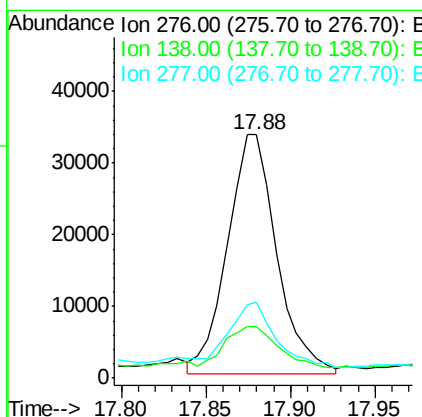
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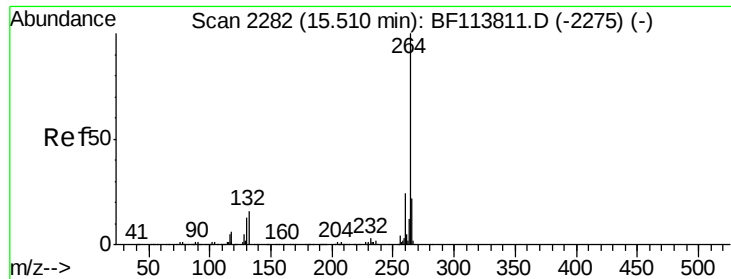
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.623 ng m
RT: 17.88 min Scan# 2685
Delta R.T. 0.90 min
Lab File: BF113861.D
Acq: 19 Apr 2019 16:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	1.0	19.6	29.4#
277	1.0	20.2	30.4#





#87

Perylene-d12

Concen: 20.000 ng m

RT: 16.32 min Scan# 2419

Delta R.T. 0.81 min

Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

Instrument :

BNA_F

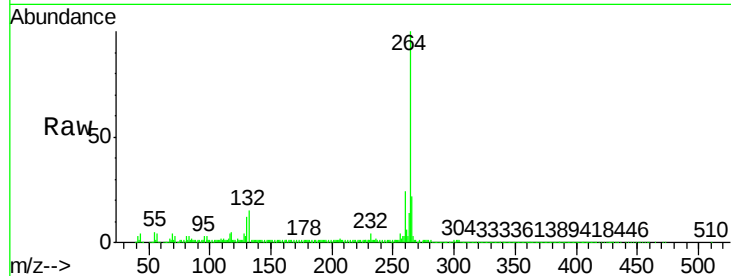
ClientSampleId :

SA-06-041819-A

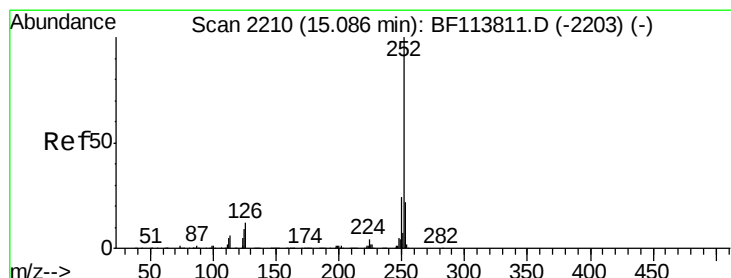
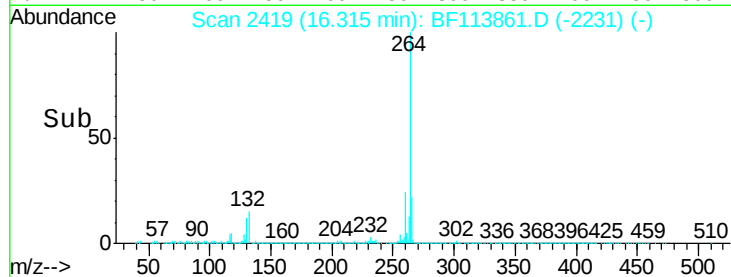
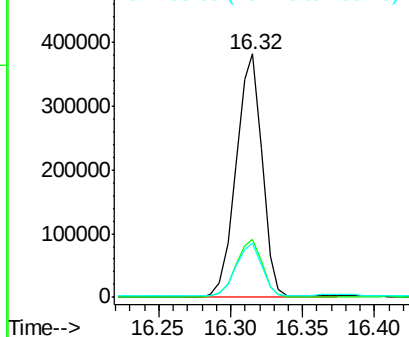
Tgt Ion:	264	Resp:	484014
Ion Ratio		Lower	Upper
264	100		
260	24.0	18.9	28.3
265	22.2	17.3	25.9

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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: 5.703 ng m

RT: 15.82 min Scan# 2334

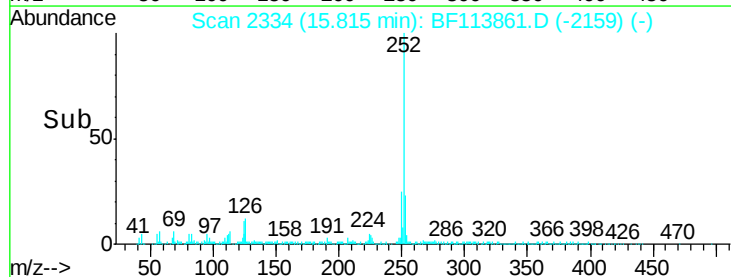
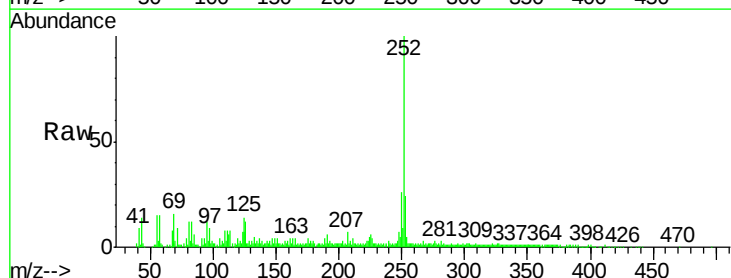
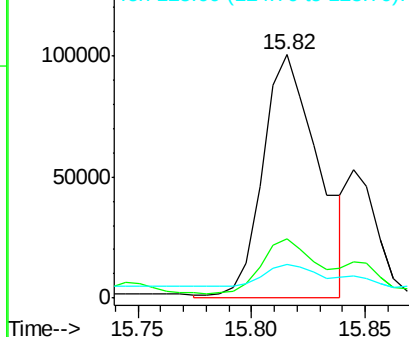
Delta R.T. 0.73 min

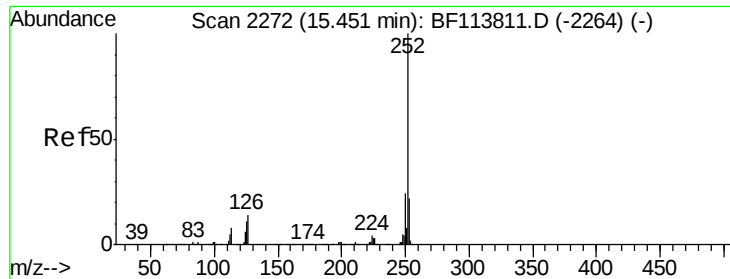
Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

Tgt Ion:	252	Resp:	172086
Ion Ratio		Lower	Upper
252	100		
253	24.5	17.8	26.6
125	13.7	7.0	10.6#

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





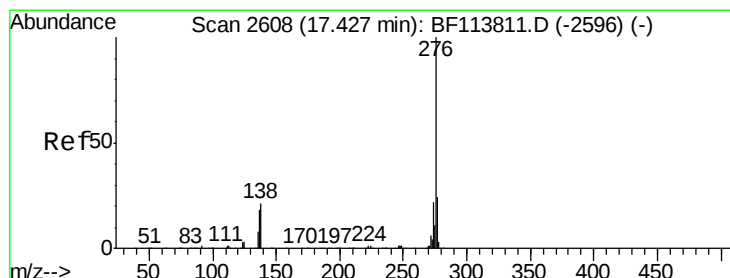
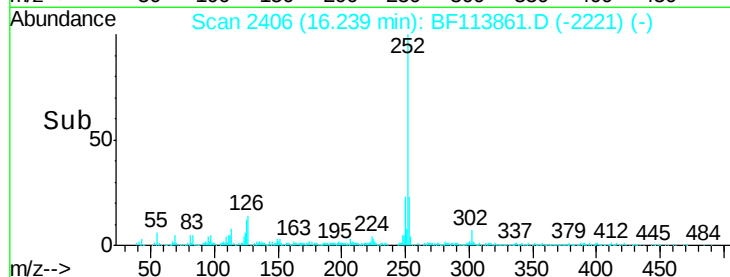
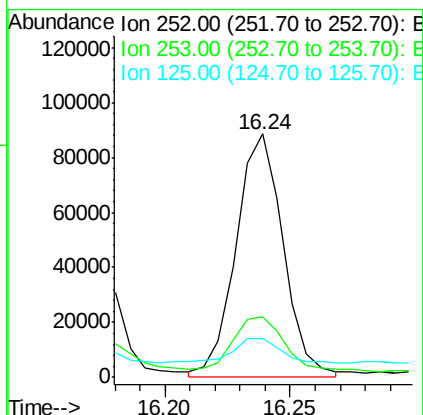
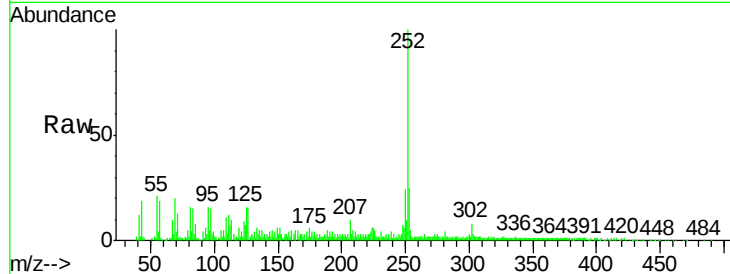
#90
Benzo(a)pyrene
Concen: 4.363 ng m
RT: 16.24 min Scan# 2406
Delta R.T. 0.79 min
Lab File: BF113861.D
Acq: 19 Apr 2019 16:29

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-A

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.5	26.3
125	16.0	8.5	12.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.613 ng m
RT: 18.34 min Scan# 2763
Delta R.T. 0.91 min
Lab File: BF113861.D
Acq: 19 Apr 2019 16:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.3	19.0	28.4
138	23.4	16.6	25.0

