

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113821.D
 Acq On : 18 Apr 2019 17:07
 Operator : JU/SJ
 Sample : K2203-09 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-041519-A

Manual Integrations
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Sohil
 4/23/2019 8:16:42 AM

Quant Time: Apr 18 17:38:21 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	6.89	152	190987	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	697083	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	322832	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	554394	20.00	ng	0.00
76) Chrysene-d12	14.04	240	546898	20.00	ng	0.00
87) Perylene-d12	15.51	264	679261	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	563269	49.04	ng	0.00
7) Phenol-d6	6.51	99	703126	49.09	ng	0.00
23) Nitrobenzene-d5	7.45	82	404372	35.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	158157	44.34	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	769698	36.36	ng	0.00
79) Terphenyl-d14	12.99	244	798348	30.61	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.63	163	94889	4.200	ng	98
58) Fluorene	10.47	166	41368	2.018	ng	99
71) Phenanthrene	11.43	178	326257	11.555	ng	98
72) Anthracene	11.48	178	112998	3.971	ng	99
75) Fluoranthene	12.62	202	613335	20.496	ng	99
78) Pyrene	12.85	202	563339	14.616	ng	99
81) Benzo(a)anthracene	14.03	228	329636	10.311	ng	99
83) Chrysene	14.06	228	291757	9.195	ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	164594	6.354	ng	95
88) Benzo(b)fluoranthene	15.08	252	391233m	9.239	ng	
89) Benzo(k)fluoranthene	15.10	252	122410m	3.174	ng	
90) Benzo(a)pyrene	15.44	252	294403	7.863	ng	97
92) Benzo(a,h,i)perylene	17.42	276	141400	4.176	ng	96

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

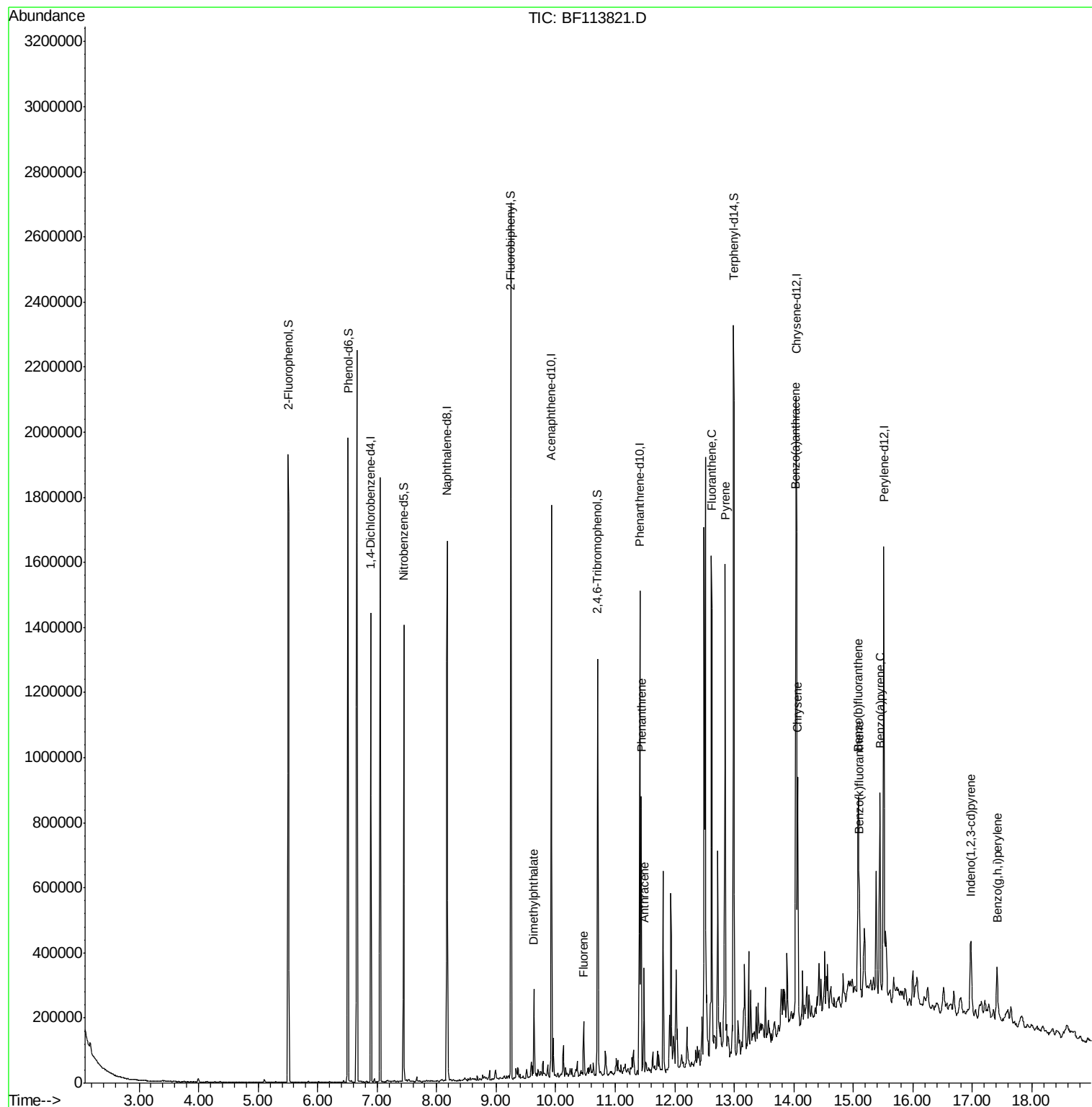
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
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ALS Vial : 5 Sample Multiplier: 1

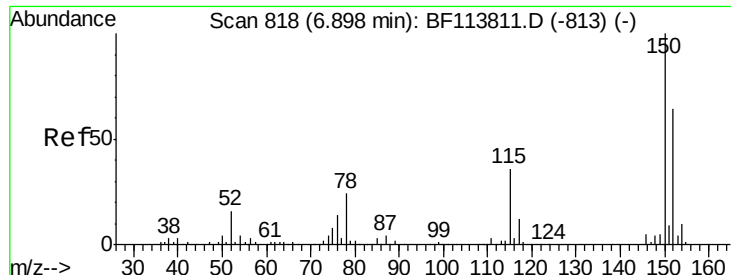
Instrument :
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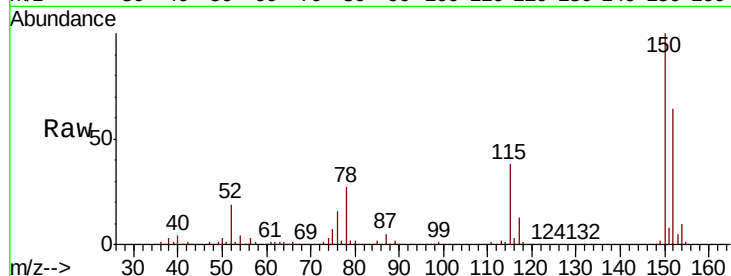
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF113821.D
 Acq: 18 Apr 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-041519-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.9	188.9
115	59.7	45.9	68.9

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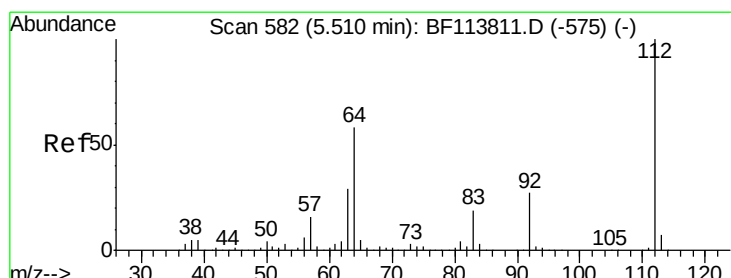
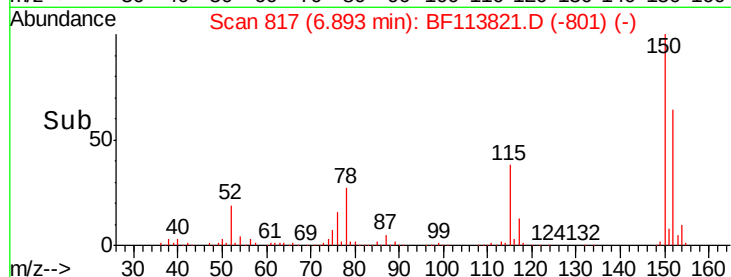
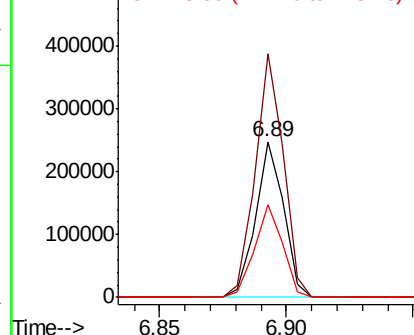


Abundance

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: 49.039 ng
 RT: 5.50 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: BF113821.D
 Acq: 18 Apr 2019 17:07

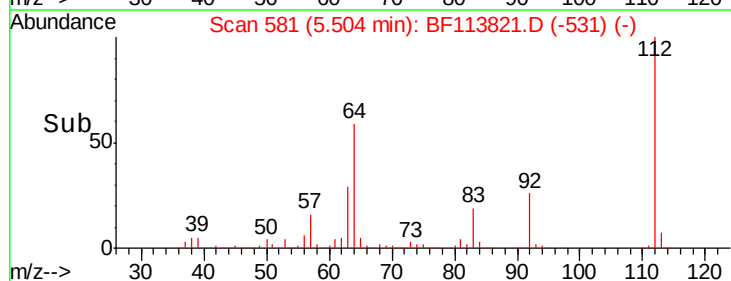
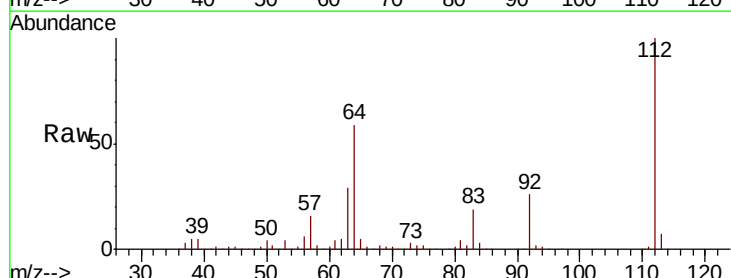
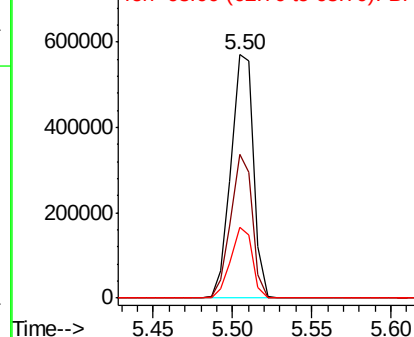
Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.6	69.8
63	29.2	23.1	34.7

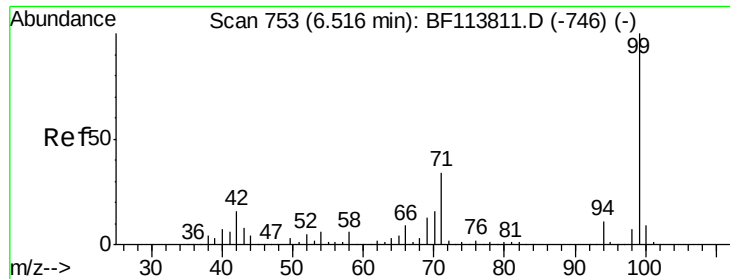
Abundance

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: 49.087 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF113821.D

Acq: 18 Apr 2019 17:07

Instrument :

BNA_F

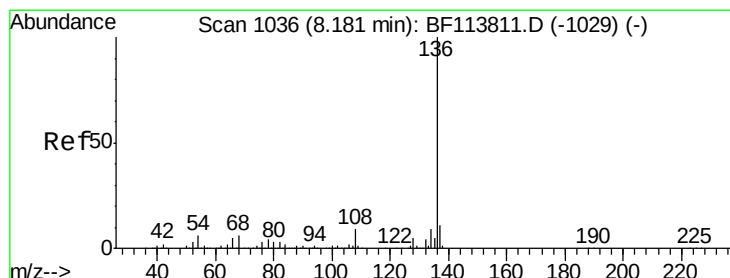
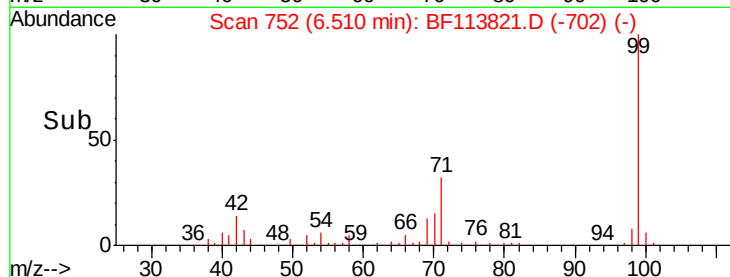
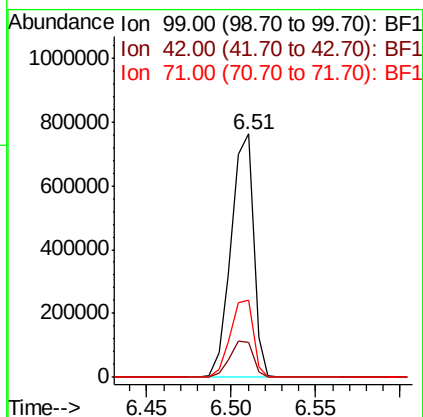
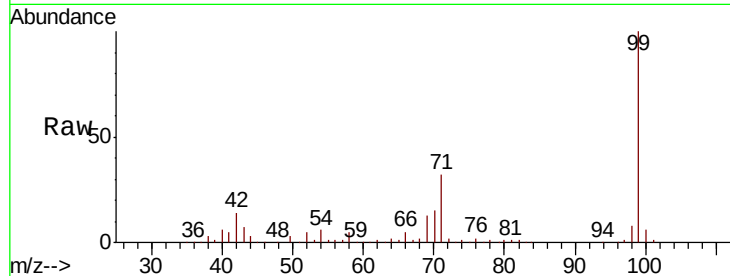
ClientSampleId :

SU-01-041519-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		703126		
42	14.3	12.5	18.7		
71	31.6	26.9	40.3		

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#21

Naphthalene-d8

Concen: 20.000 ng

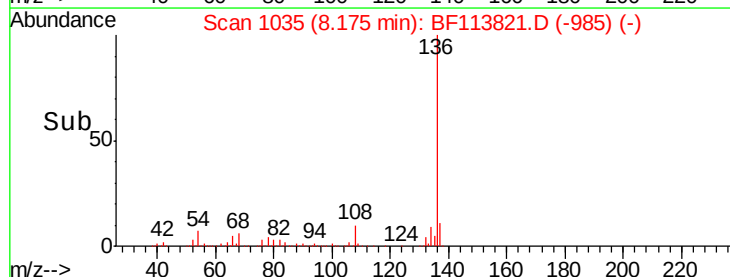
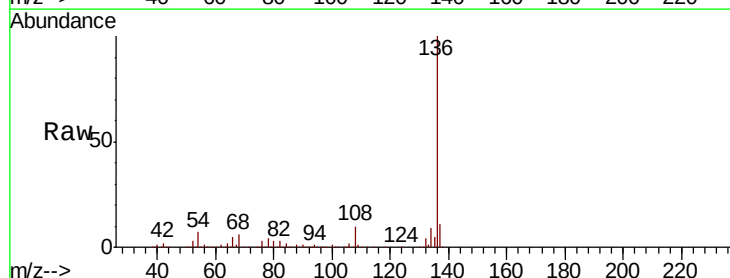
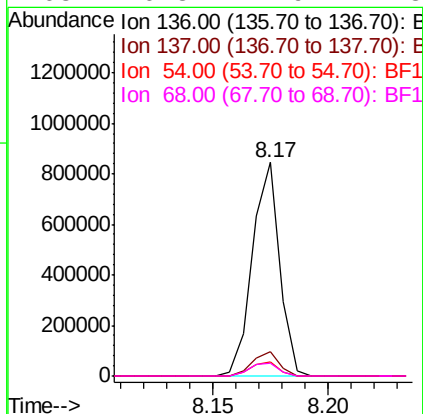
RT: 8.17 min Scan# 1035

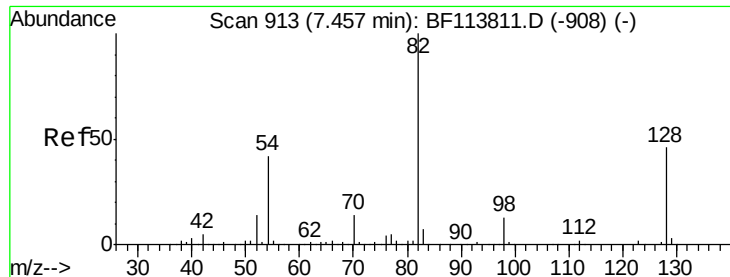
Delta R.T. -0.01 min

Lab File: BF113821.D

Acq: 18 Apr 2019 17:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		697083		
137	11.1	8.6	12.8		
54	6.6	5.0	7.6		
68	6.3	4.9	7.3		





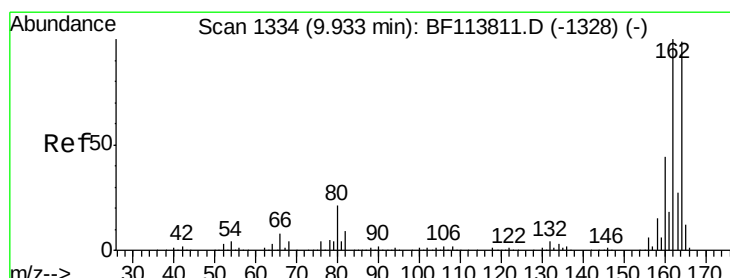
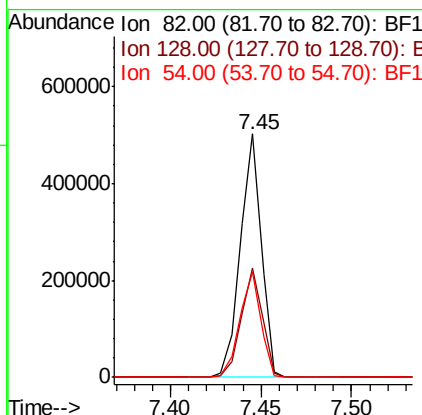
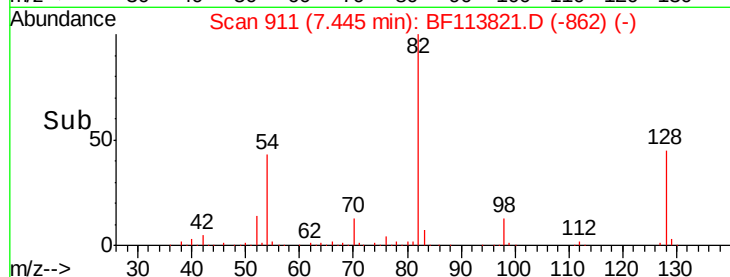
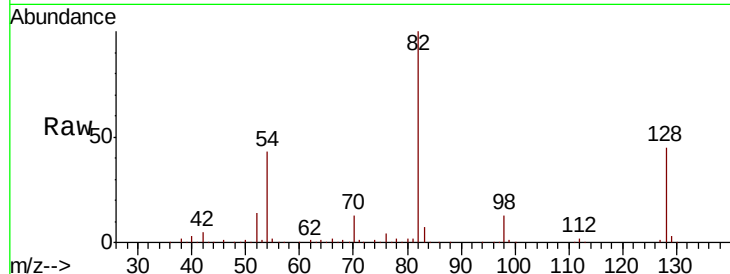
#23
 Nitrobenzene-d5
 Concen: 35.325 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF113821.D
 Acq: 18 Apr 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
82	100	404372		
128	44.6	36.8	55.2	
54	43.1	33.8	50.6	

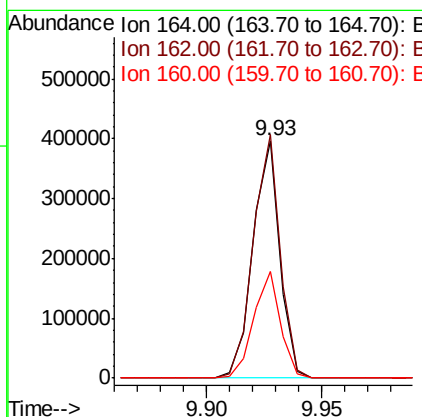
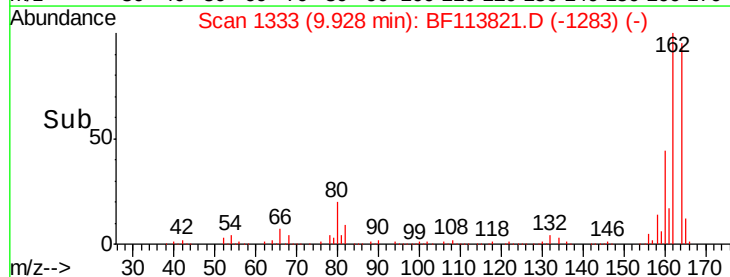
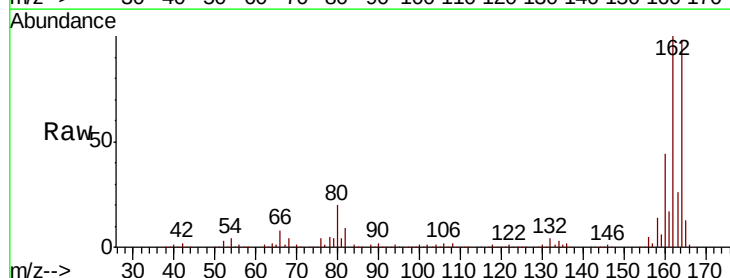
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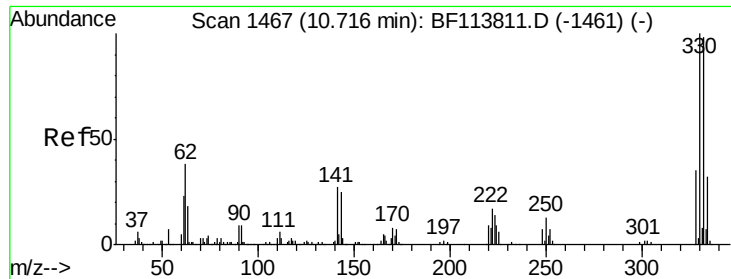
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF113821.D
 Acq: 18 Apr 2019 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	322832		
162	102.5	81.1	121.7	
160	44.8	35.8	53.6	





#42

2,4,6-Tribromophenol

Concen: 44.343 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF113821.D

Acq: 18 Apr 2019 17:07

Instrument :

BNA_F

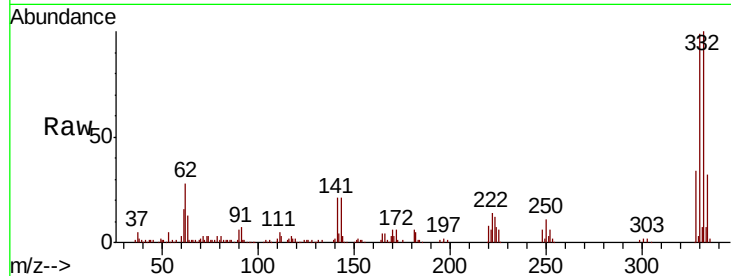
ClientSampleId :

SU-01-041519-A

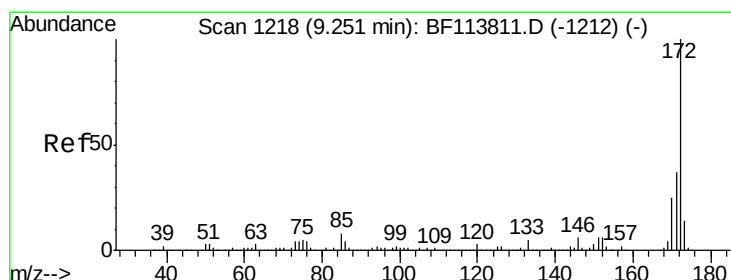
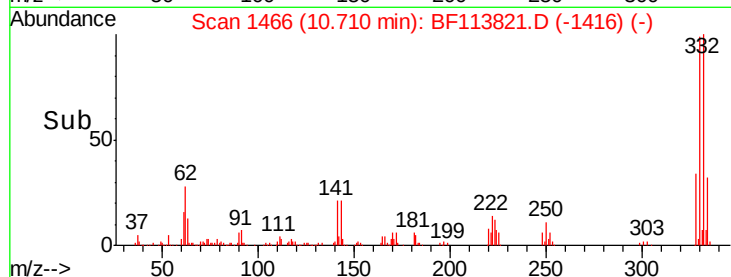
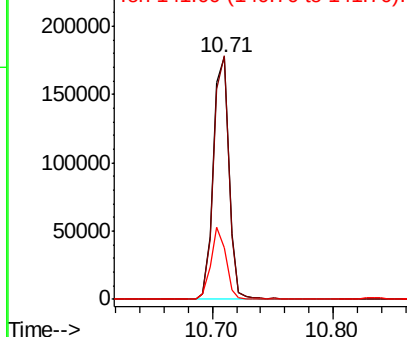
Tot Ion:	330	Resp:	158157
Ion Ratio	Lower	Upper	
330	100		
332	98.6	77.5	116.3
141	28.2	22.2	33.2

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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: 36.360 ng

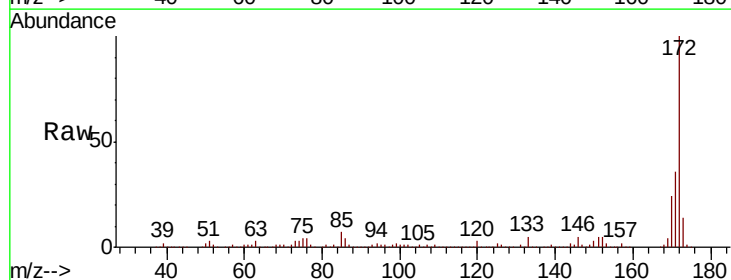
RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

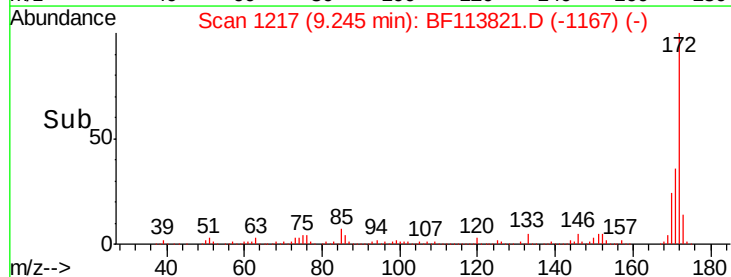
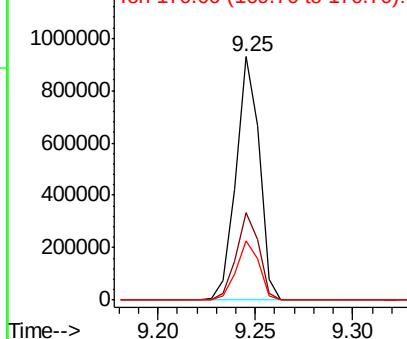
Lab File: BF113821.D

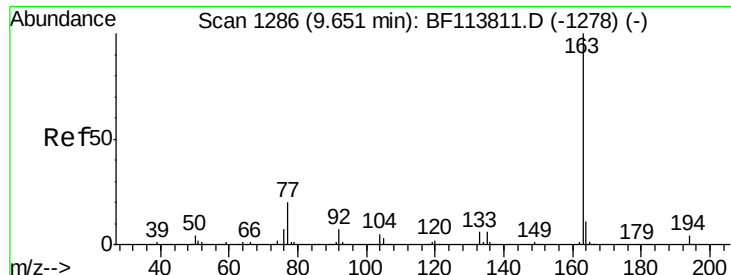
Acq: 18 Apr 2019 17:07

Tgt Ion:	172	Resp:	769698
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.4	44.0
170	24.2	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





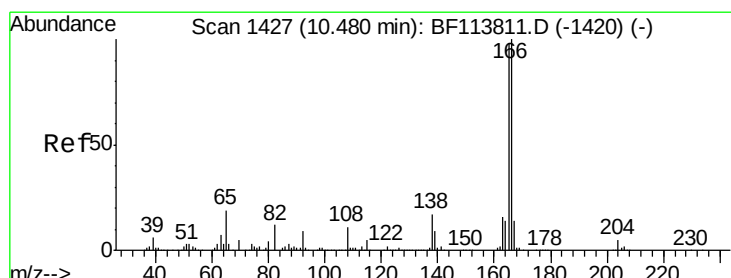
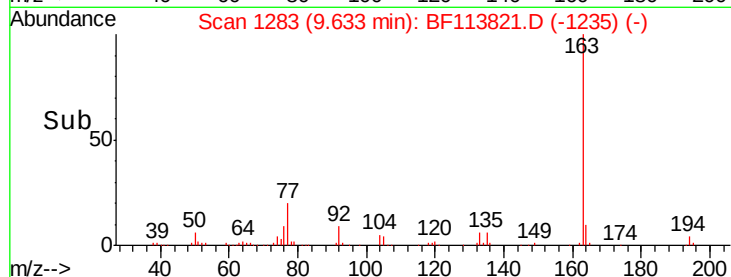
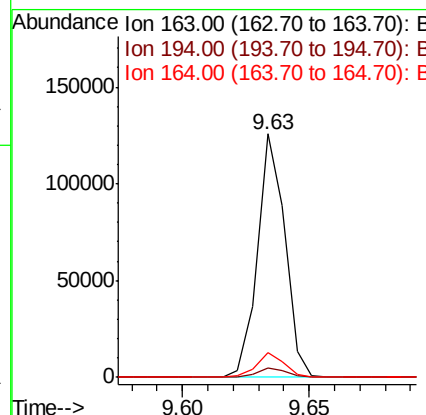
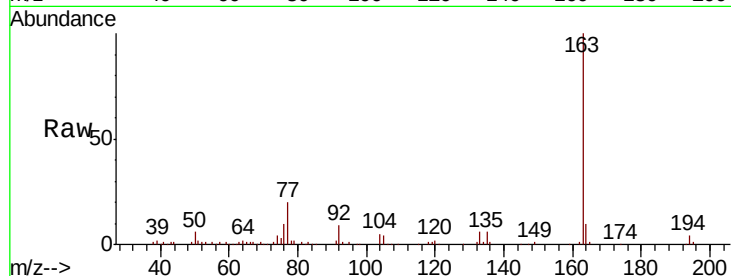
#50
Dimethylphthalate
Concen: 4.200 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF113821.D
Acq: 18 Apr 2019 17:07

Instrument :
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Tot Ion:	163	Resp:	94889
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.4	5.2
164	9.9	8.5	12.7

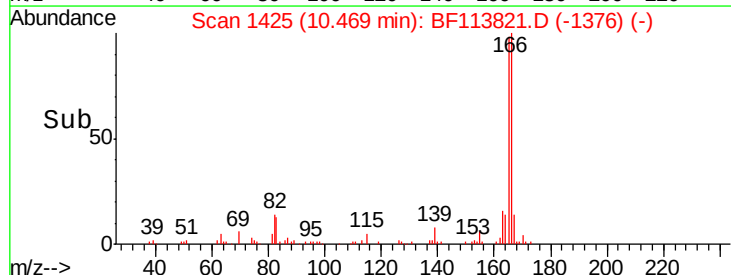
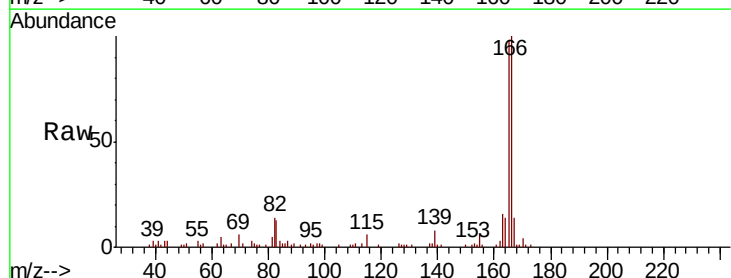
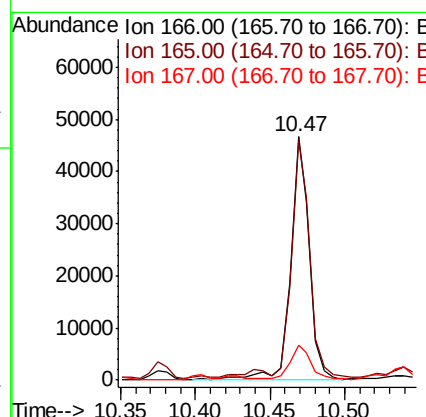
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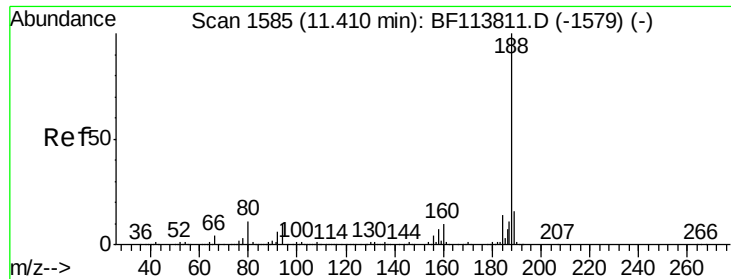
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#58
Fluorene
Concen: 2.018 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF113821.D
Acq: 18 Apr 2019 17:07

Tgt Ion:	166	Resp:	41368
Ion Ratio	Lower	Upper	
166	100		
165	98.5	78.4	117.6
167	14.4	10.9	16.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF113821.D

Acq: 18 Apr 2019 17:07

Instrument :

BNA_F

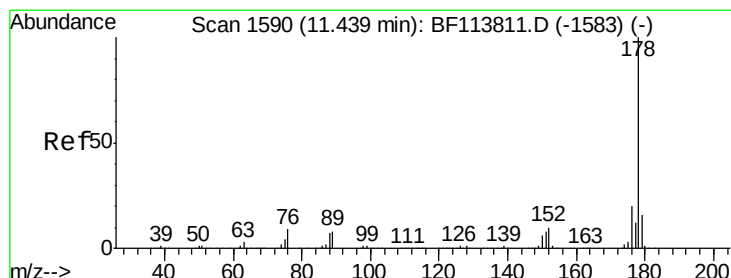
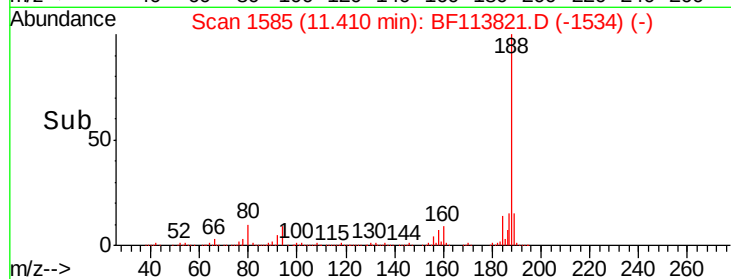
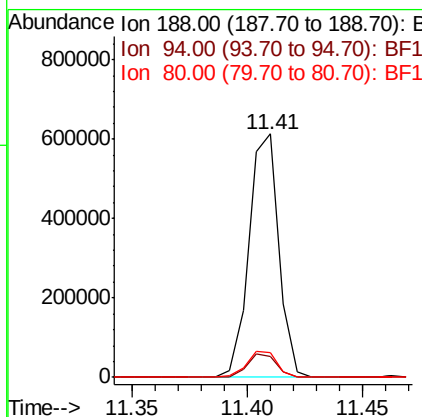
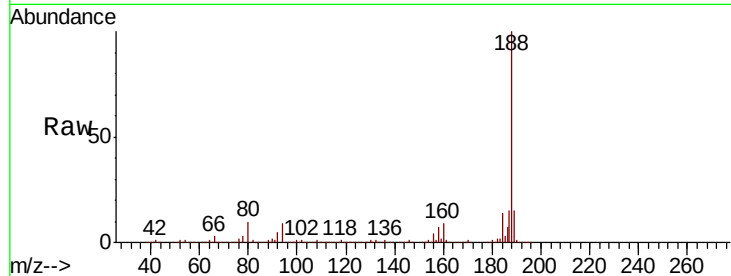
ClientSampleId :

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Tot Ion:	188	Resp:	554394
Ion Ratio	Lower	Upper	
188	100		
94	8.7	8.2	12.4
80	10.1	9.0	13.6

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#71

Phenanthrene

Concen: 11.555 ng

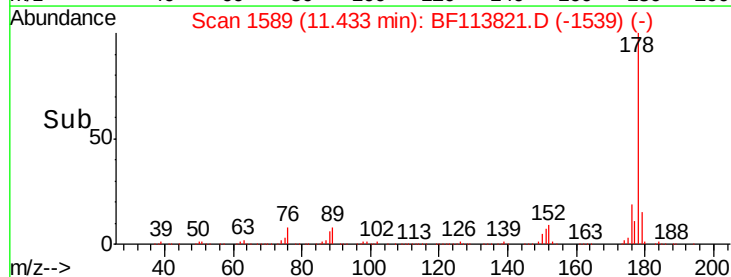
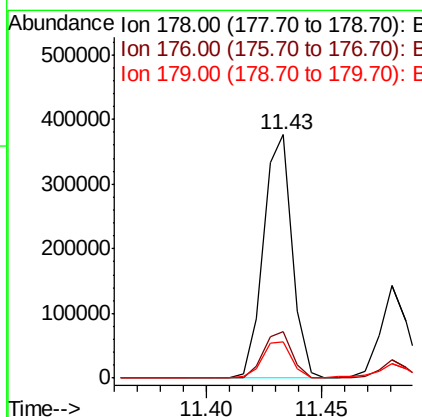
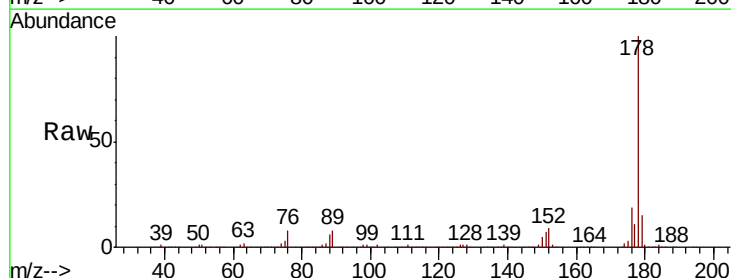
RT: 11.43 min Scan# 1589

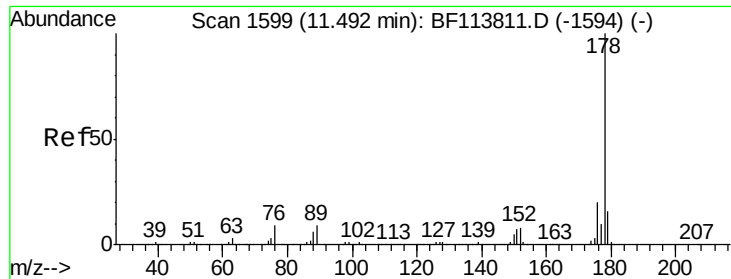
Delta R.T. -0.01 min

Lab File: BF113821.D

Acq: 18 Apr 2019 17:07

Tgt Ion:	178	Resp:	326257
Ion Ratio	Lower	Upper	
178	100		
176	18.9	16.1	24.1
179	15.1	12.8	19.2





#72

Anthracene

Concen: 3.971 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF113821.D

Acq: 18 Apr 2019 17:07

Instrument :

BNA_F

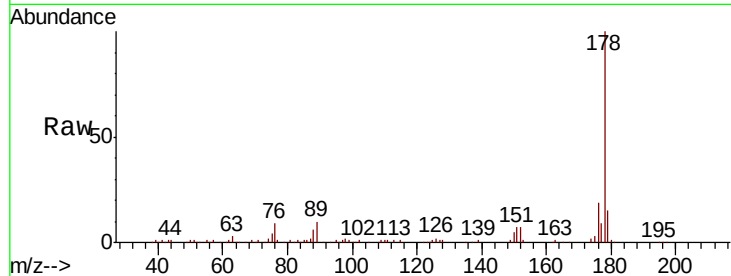
ClientSampleId :

SU-01-041519-A

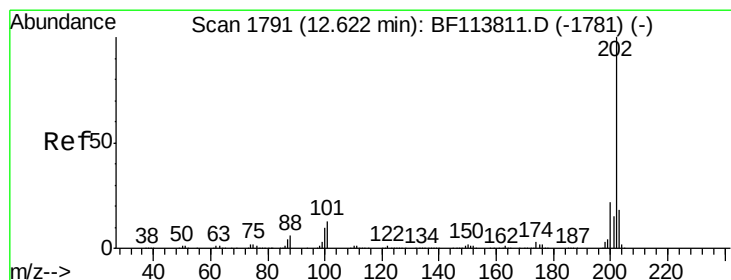
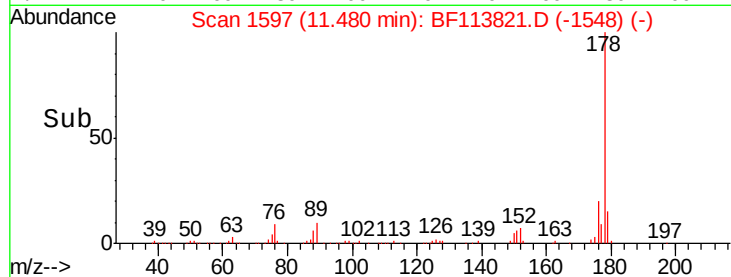
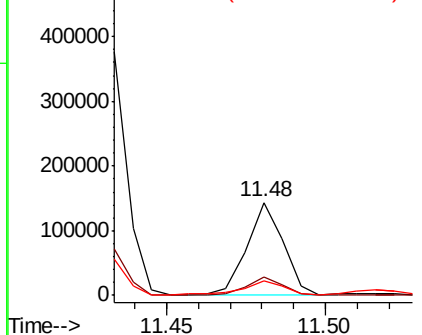
Tot Ion:	178	Resp:	112998
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.7	23.5
179	15.4	13.0	19.4

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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: 20.496 ng

RT: 12.62 min Scan# 1790

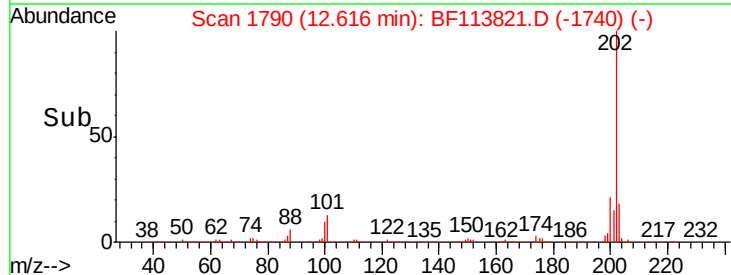
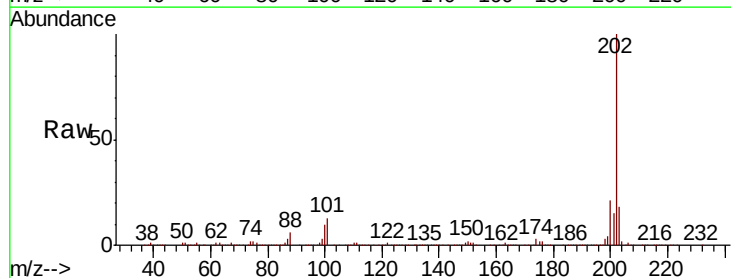
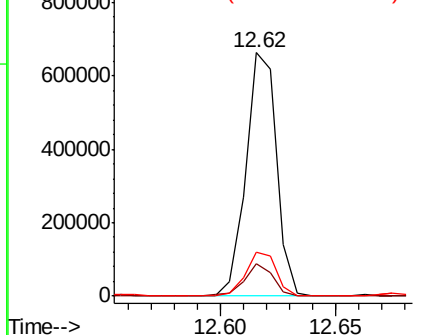
Delta R.T. -0.01 min

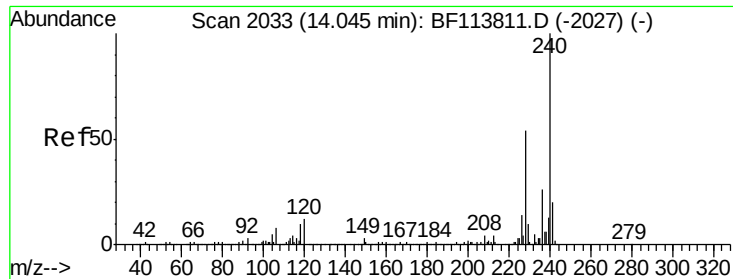
Lab File: BF113821.D

Acq: 18 Apr 2019 17:07

Tgt Ion:	202	Resp:	613335
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	32.9
203	18.0	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





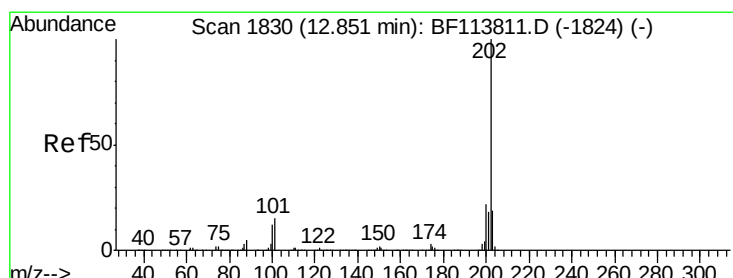
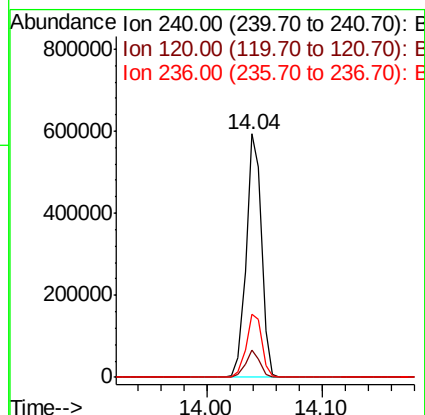
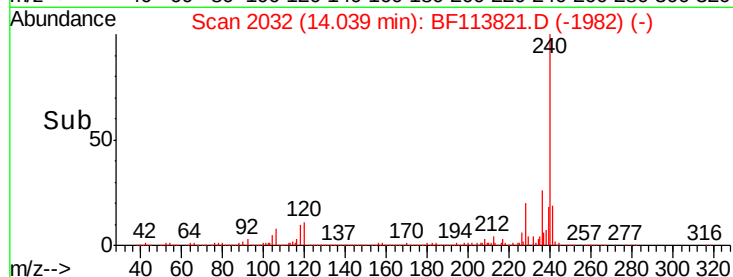
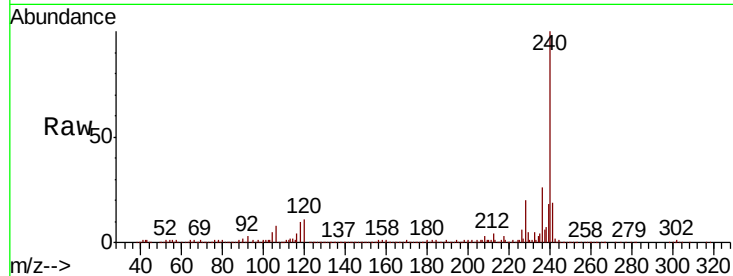
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF113821.D
Acq: 18 Apr 2019 17:07

Instrument :
BNA_F
ClientSampleId :
SU-01-041519-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.3	13.9
236	26.1	21.2	31.8

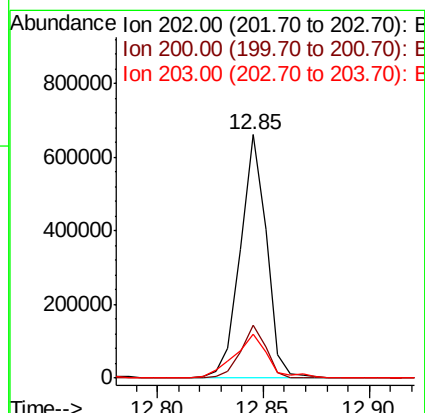
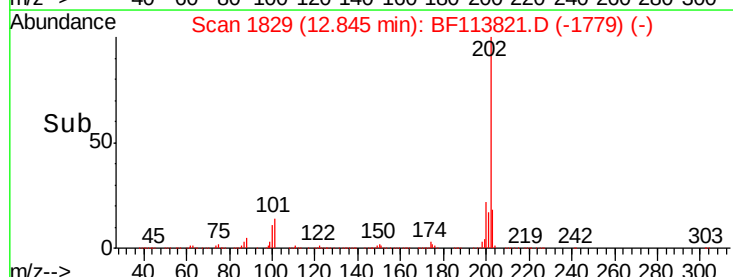
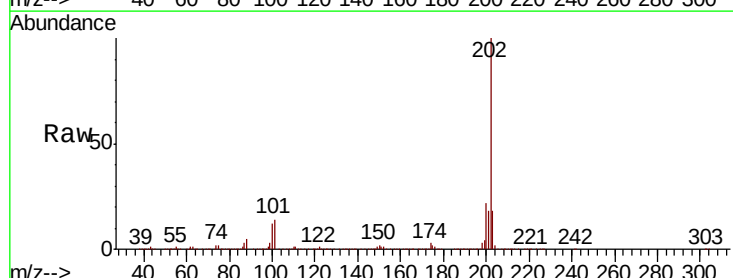
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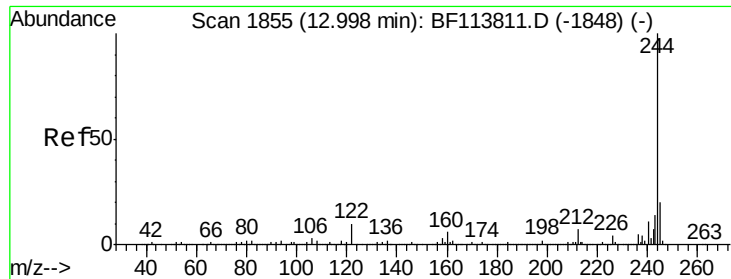
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#78
Pyrene
Concen: 14.616 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF113821.D
Acq: 18 Apr 2019 17:07

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	18.1	15.0	22.6





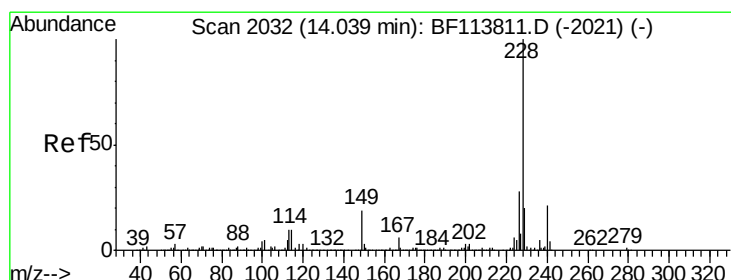
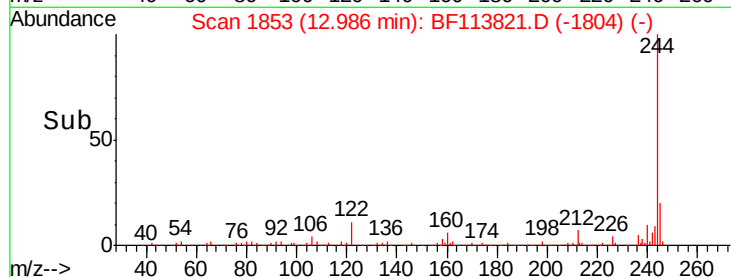
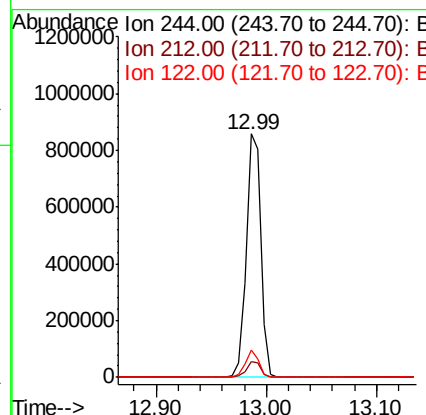
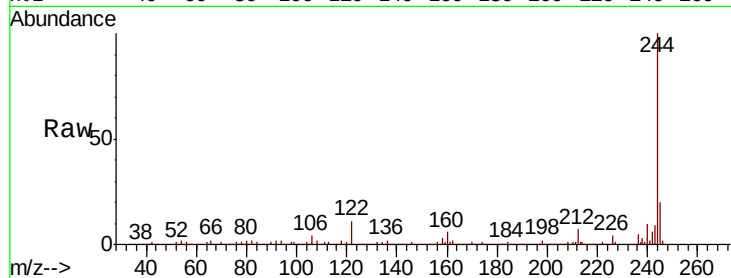
#79
 Terphenyl-d14
 Concen: 30.611 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF113821.D
 Acq: 18 Apr 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-041519-A

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.4	8.2
122	11.1	7.6	11.4

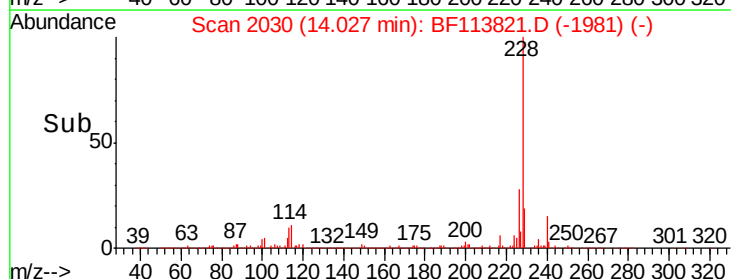
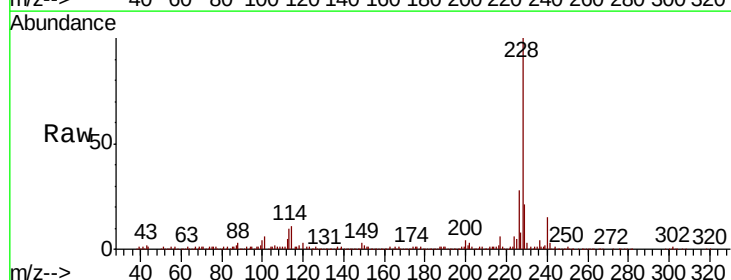
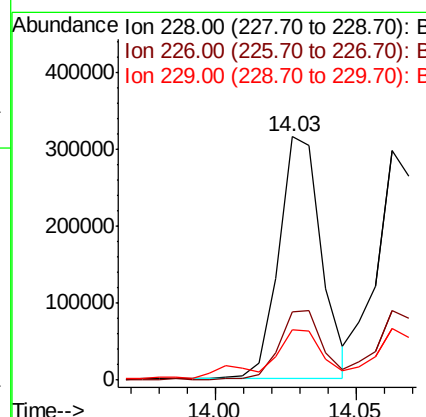
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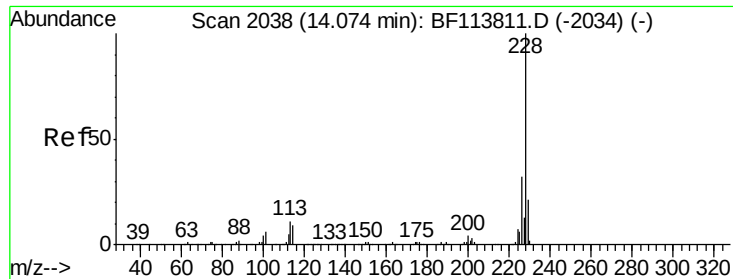
Sohil
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#81
 Benzo(a)anthracene
 Concen: 10.311 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF113821.D
 Acq: 18 Apr 2019 17:07

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.0	22.2	33.2
229	20.6	16.0	24.0





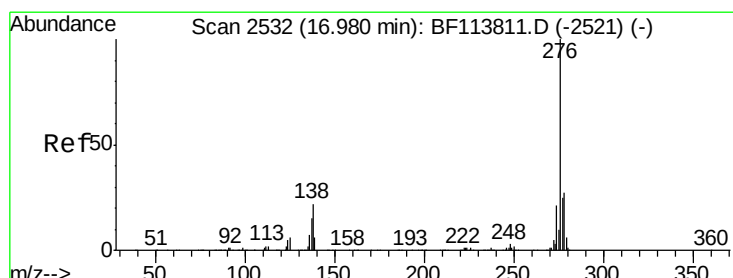
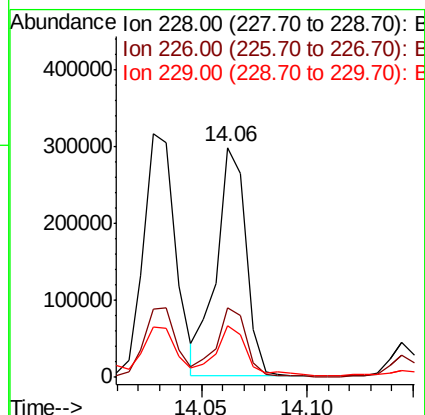
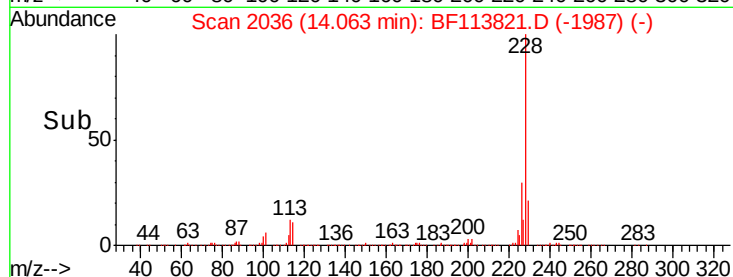
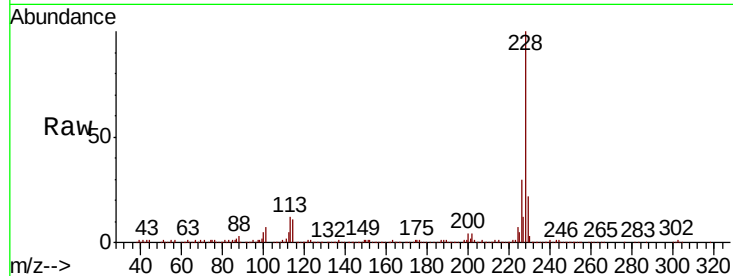
#83
Chrysene
Concen: 9.195 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF113821.D
Acq: 18 Apr 2019 17:07

Instrument :
BNA_F
ClientSampleId :
SU-01-041519-A

Tot Ion:	228	Resp:	291757
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.2	37.8
229	22.5	16.7	25.1

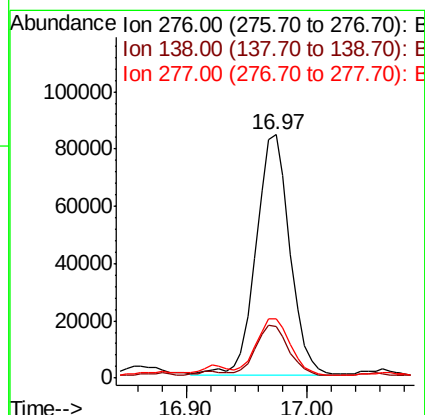
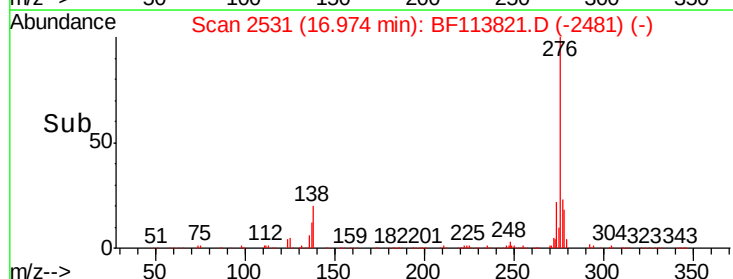
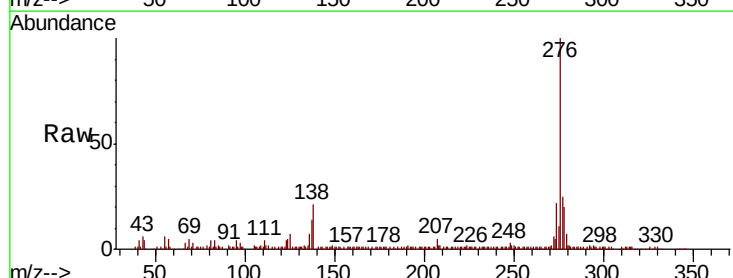
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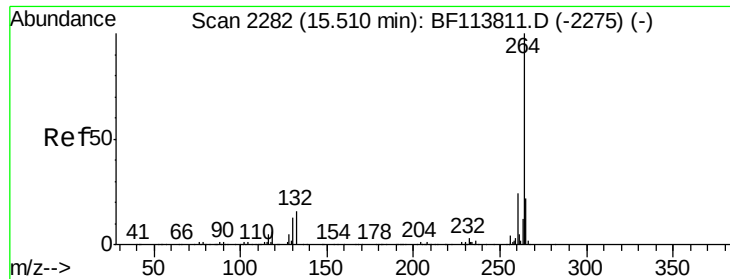
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#86
Indeno(1,2,3-cd)pyrene
Concen: 6.354 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF113821.D
Acq: 18 Apr 2019 17:07

Tgt Ion:	276	Resp:	164594
Ion Ratio	Lower	Upper	
276	100		
138	20.7	19.6	29.4
277	24.1	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BF113821.D

Acq: 18 Apr 2019 17:07

Instrument :

BNA_F

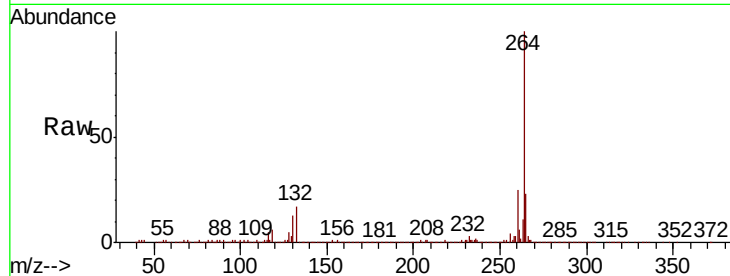
ClientSampleId :

SU-01-041519-A

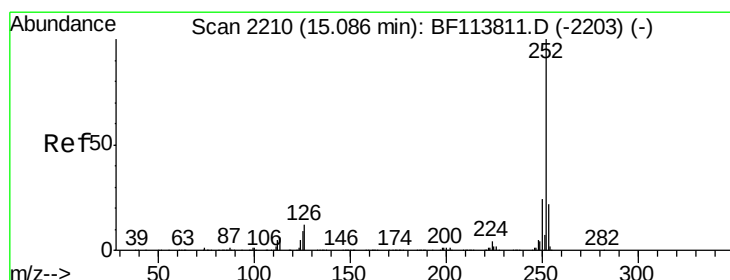
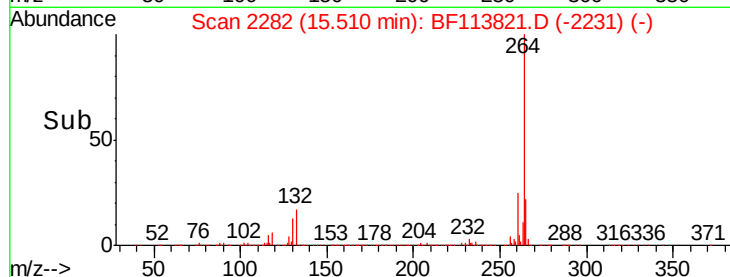
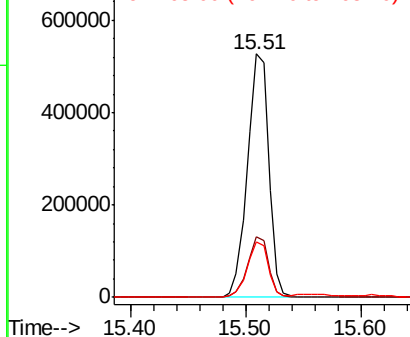
Tot Ion:	264	Resp:	679261
Ion Ratio	Lower	Upper	
264	100		
260	24.9	18.9	28.3
265	22.6	17.3	25.9

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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: 9.239 ng m

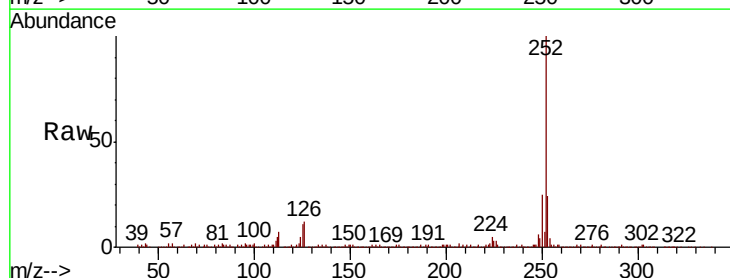
RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

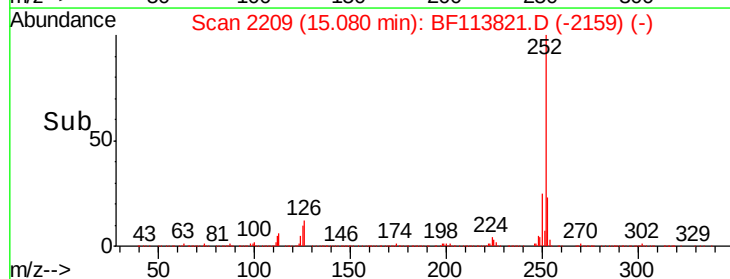
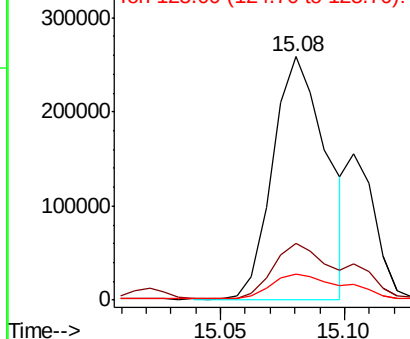
Lab File: BF113821.D

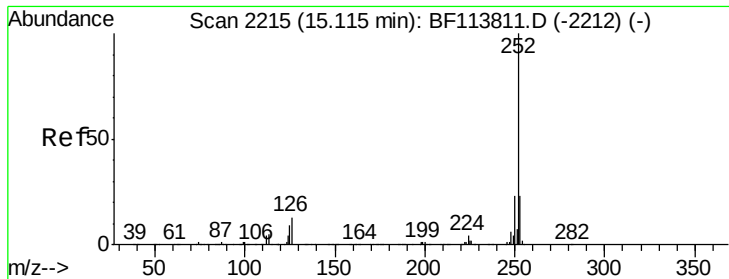
Acq: 18 Apr 2019 17:07

Tgt Ion:	252	Resp:	391233
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.8	26.6
125	10.7	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





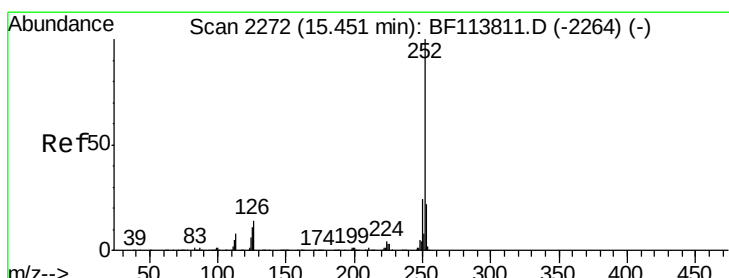
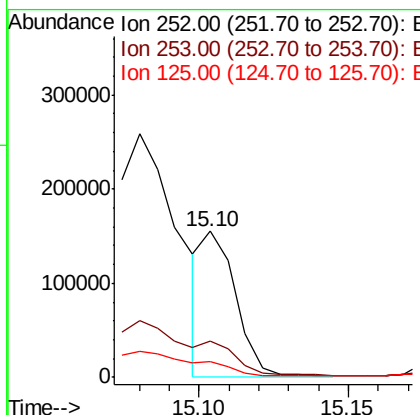
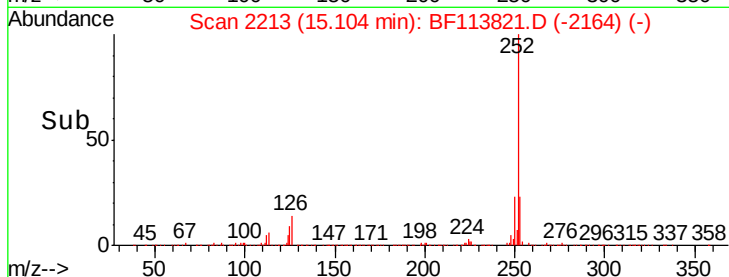
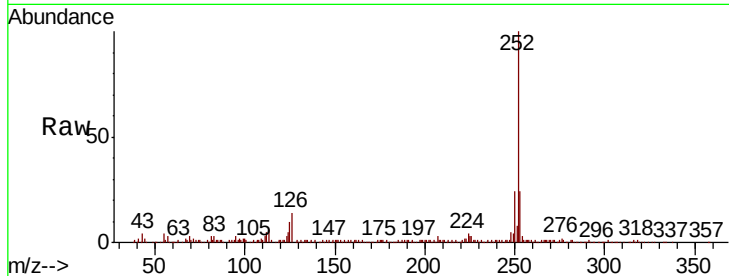
#89
Benzo(k)fluoranthene
Concen: 3.174 ng m
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF113821.D
Acq: 18 Apr 2019 17:07

Instrument :
BNA_F
ClientSampleId :
SU-01-041519-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		122410		
253	24.4	18.2	27.2		
125	10.5	7.4	11.2		

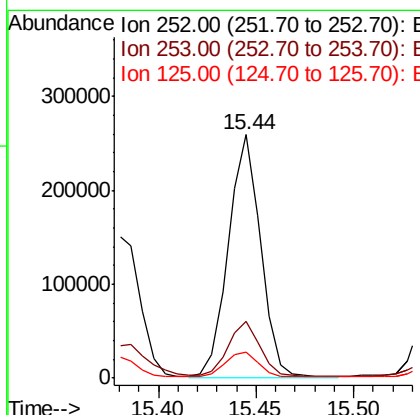
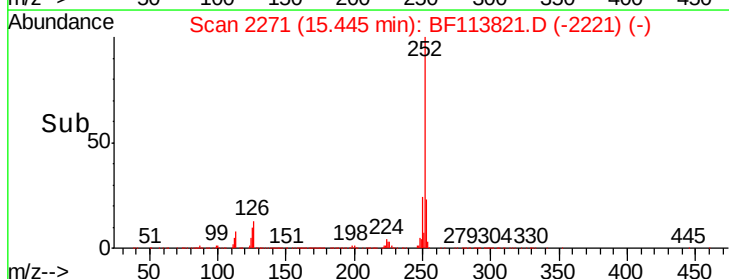
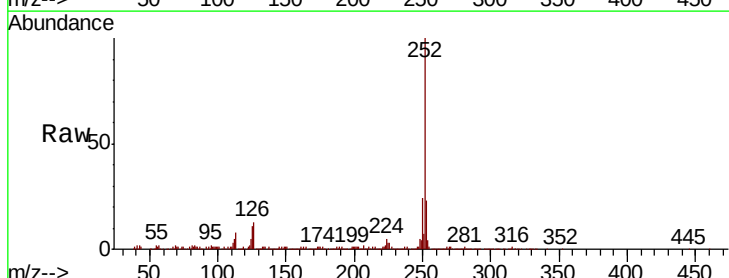
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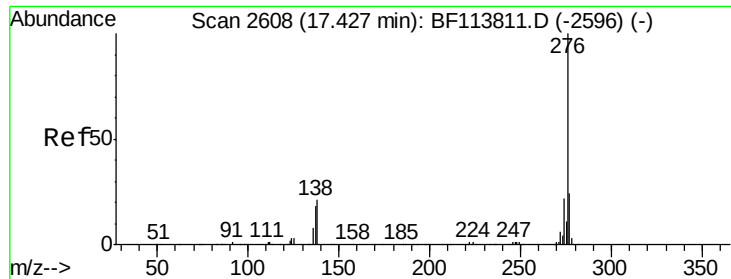
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#90
Benzo(a)pyrene
Concen: 7.863 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF113821.D
Acq: 18 Apr 2019 17:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		294403		
253	23.5	17.5	26.3		
125	10.9	8.5	12.7		





#92
 Benzo(a,h,i)perylene
 Concen: 4.176 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. -0.01 min
 Lab File: BF113821.D
 Acq: 18 Apr 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-041519-A

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.0	28.4
138	22.0	16.6	25.0

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