

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF111989.D
 Acq On : 10 Jan 2019 16:06
 Operator : JU/SJ
 Sample : K1015-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-010918-A

Manual Integrations
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Sohil
 1/11/2019 4:42:52 PM

Quant Time: Jan 11 01:17:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	117251	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	442231	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	184353	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	345671	20.00	ng	-0.02
76) Chrysene-d12	14.04	240	277079	20.00	ng	-0.01
87) Perylene-d12	15.53	264	237949	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	725823	105.91	ng	-0.01
7) Phenol-d6	6.52	99	847167	95.91	ng	-0.02
23) Nitrobenzene-d5	7.43	82	514091	62.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	224965	93.82	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	818663	64.75	ng	-0.02
79) Terphenyl-d14	12.99	244	641925	43.98	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.62	163	161993	11.697	ng	99
71) Phenanthrene	11.42	178	357564	19.347	ng	99
72) Anthracene	11.47	178	99712	5.315	ng	99
75) Fluoranthene	12.62	202	589165	31.053	ng	99
78) Pyrene	12.84	202	452166	23.717	ng	98
81) Benzo(a)anthracene	14.03	228	247737	15.536	ng	99
83) Chrysene	14.07	228	212760	13.993	ng	96
86) Indeno(1,2,3-cd)pyrene	17.01	276	71126	6.417	ng	96
88) Benzo(b)fluoranthene	15.09	252	233914m	16.434	ng	
89) Benzo(k)fluoranthene	15.12	252	68957m	5.154	ng	
90) Benzo(a)pyrene	15.46	252	147932	11.820	ng	100
92) Benzo(a,h,i)perylene	17.46	276	61453	6.242	ng	97

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

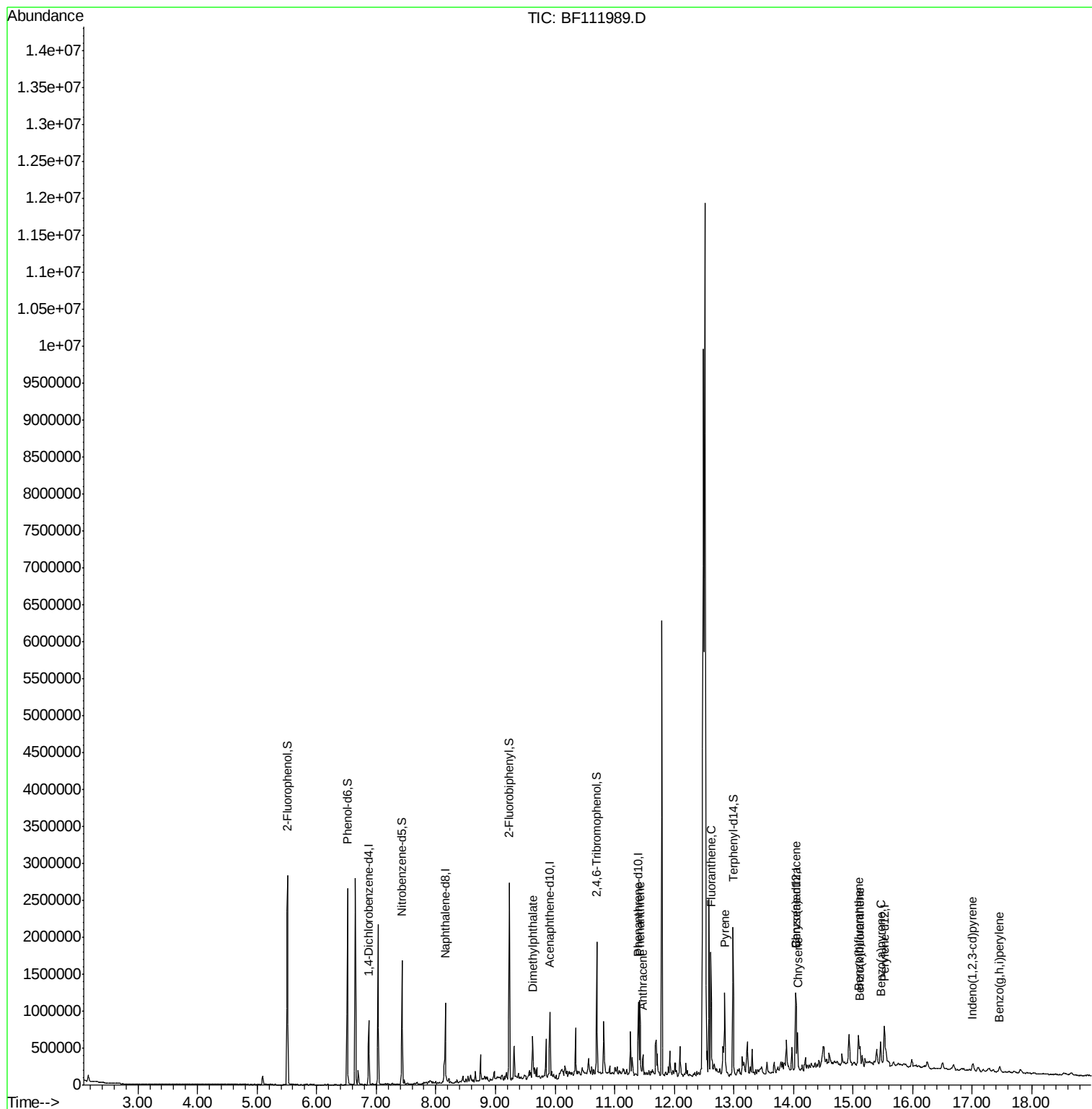
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111989.D
Acq On : 10 Jan 2019 16:06
Operator : JU/SJ
Sample : K1015-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

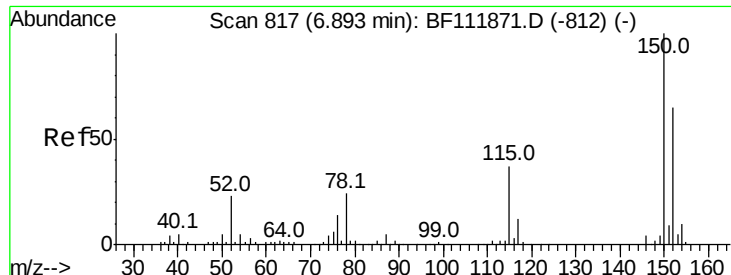
Instrument :
BNA_F
ClientSampleId :
SU-03-010918-A

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Quant Time: Jan 11 01:17:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
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#1

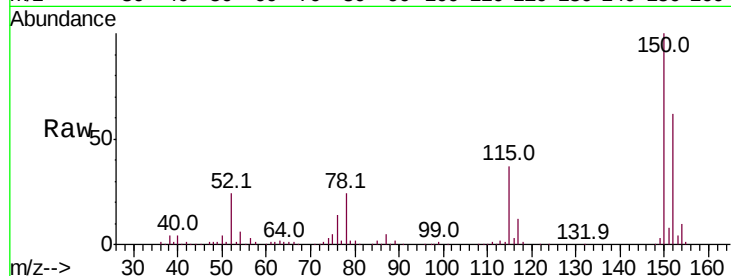
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF111989.D
Acq: 10 Jan 2019 16:06

Instrument :
BNA_F
ClientSampleId :
SU-03-010918-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	122.7	184.1
115	59.8	45.2	67.8

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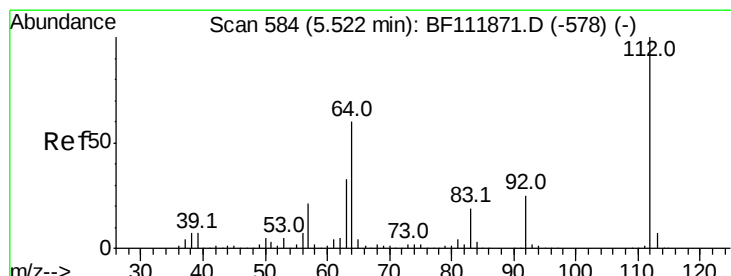
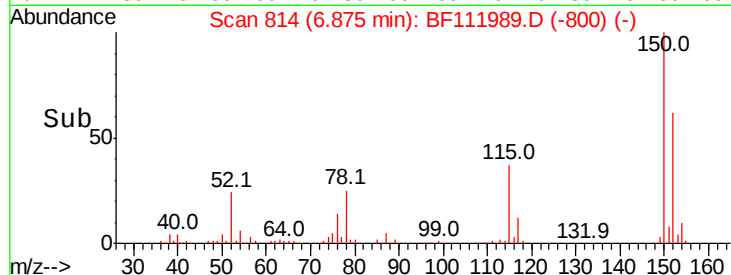
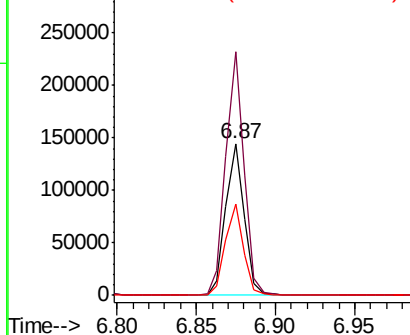


Abundance

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: 105.905 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111989.D
Acq: 10 Jan 2019 16:06

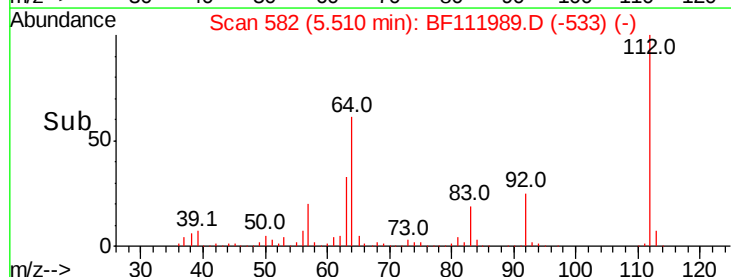
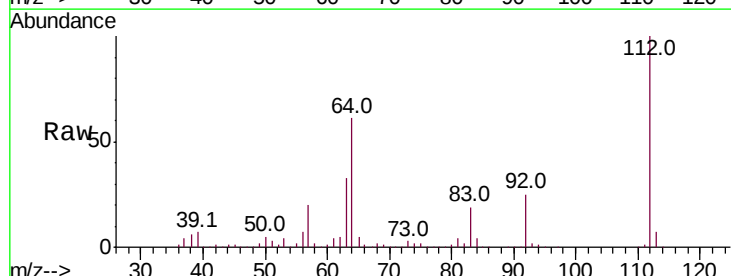
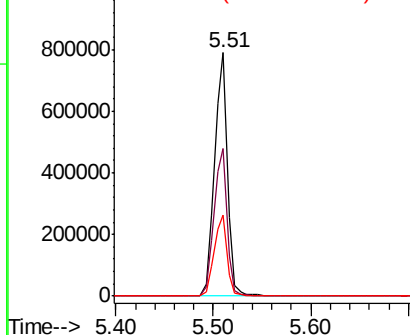
Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	48.3	72.5
63	33.3	26.1	39.1

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: 95.905 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF111989.D

Acq: 10 Jan 2019 16:06

Instrument :

BNA_F

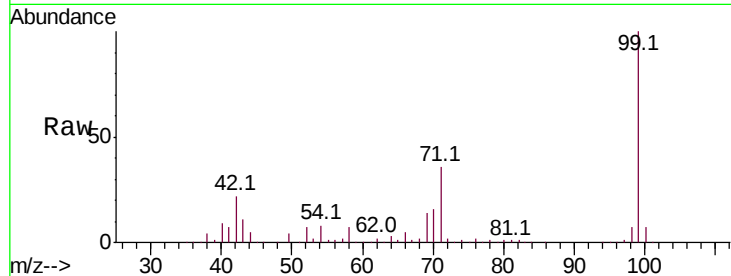
ClientSampleId :

SU-03-010918-A

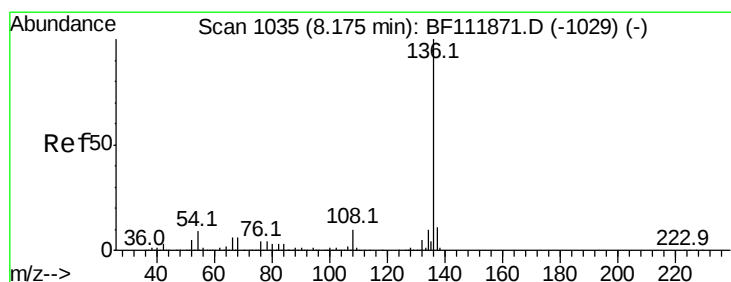
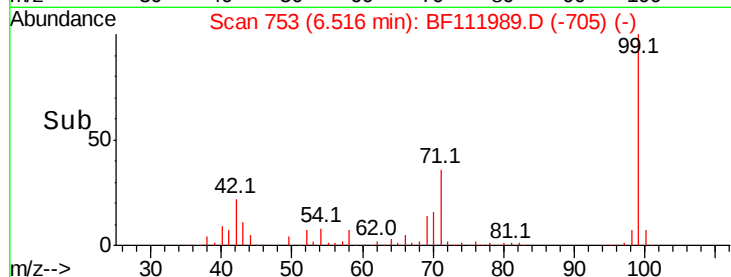
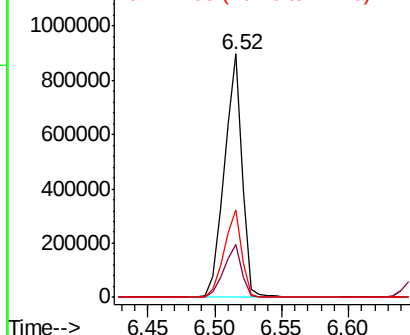
Tot Ion:	99	Resp:	847167
Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.9	26.9
71	36.1	28.7	43.1

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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: 8.16 min Scan# 1032

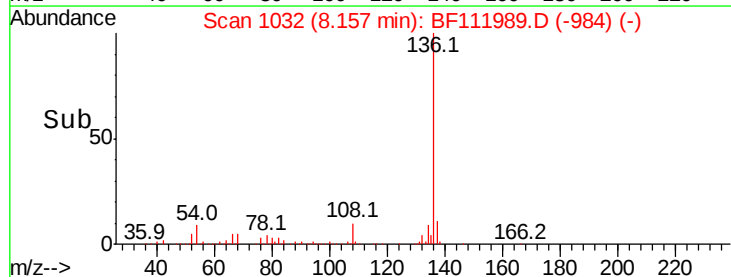
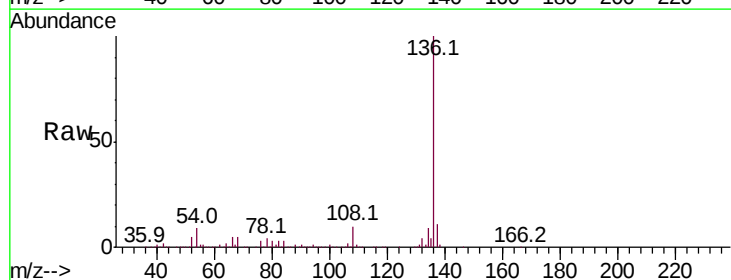
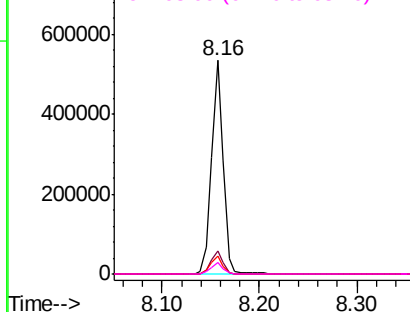
Delta R.T. -0.02 min

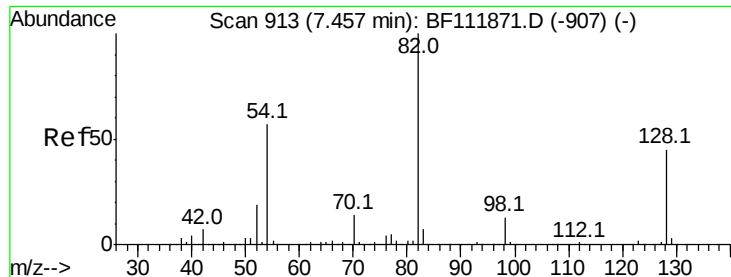
Lab File: BF111989.D

Acq: 10 Jan 2019 16:06

Tgt Ion:	136	Resp:	442231
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.5	7.2	10.8
68	5.2	4.4	6.6

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





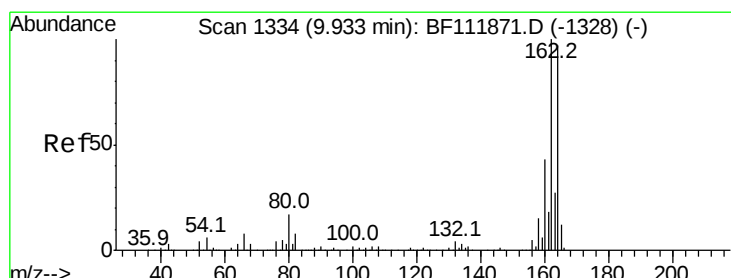
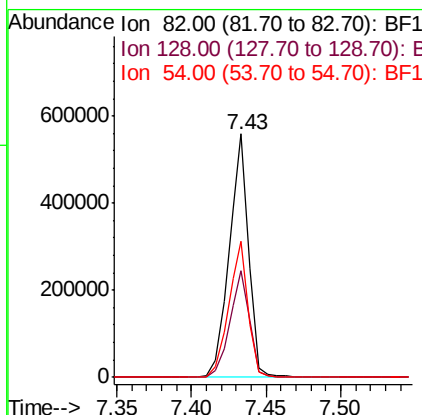
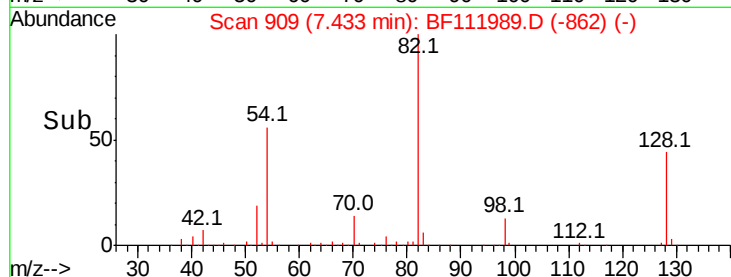
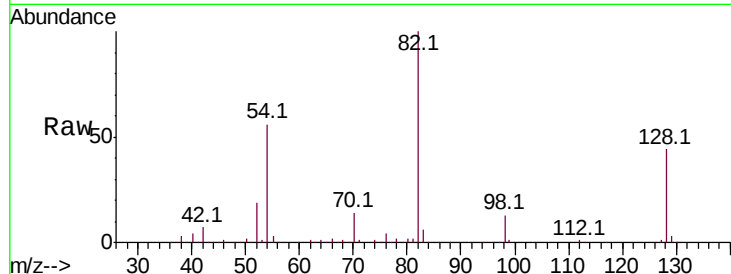
#23
Nitrobenzene-d5
Concen: 62.130 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF111989.D
Acq: 10 Jan 2019 16:06

Instrument :
BNA_F
ClientSampleId :
SU-03-010918-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.7	53.5
54	55.9	45.8	68.8

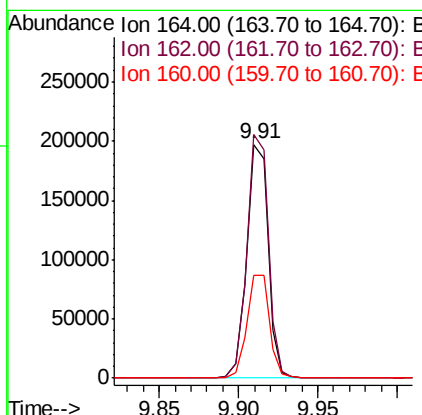
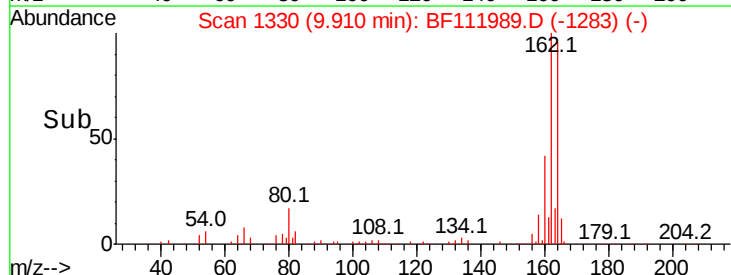
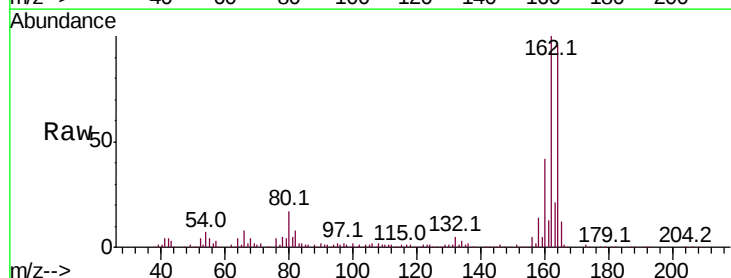
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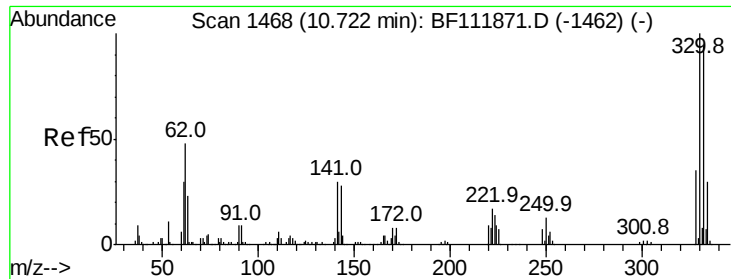
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF111989.D
Acq: 10 Jan 2019 16:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.2	123.2
160	44.1	35.5	53.3





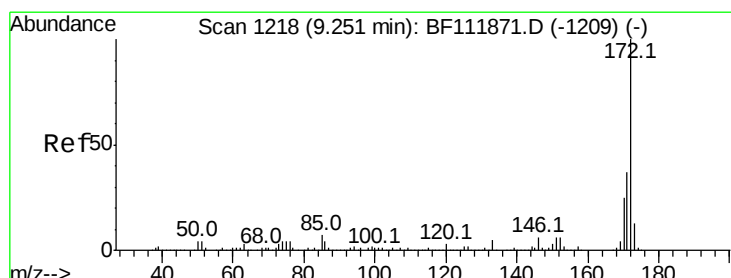
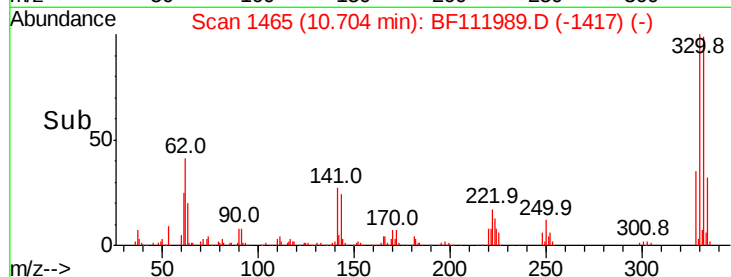
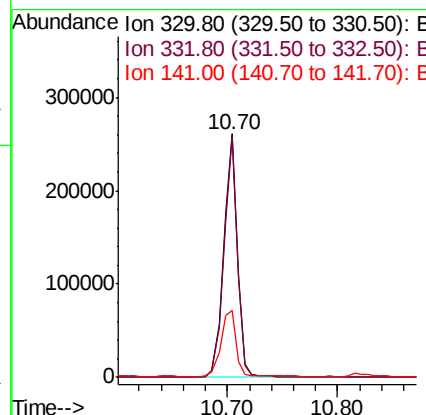
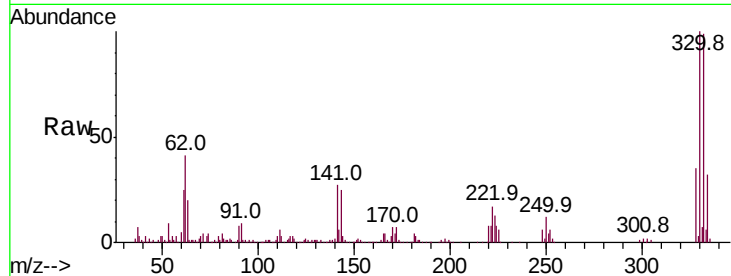
#42
 2,4,6-Tribromophenol
 Concen: 93.819 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BF111989.D
 Acq: 10 Jan 2019 16:06

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-010918-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100	224965		
332	97.6	76.9	115.3	
141	30.0	23.7	35.5	

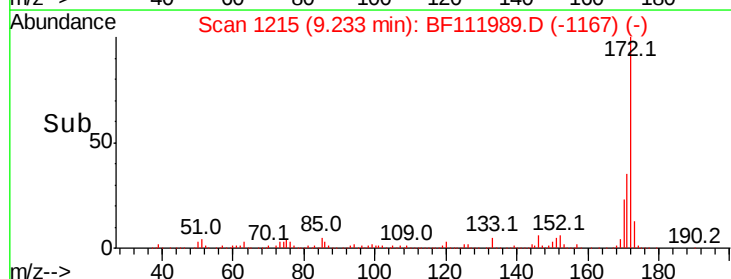
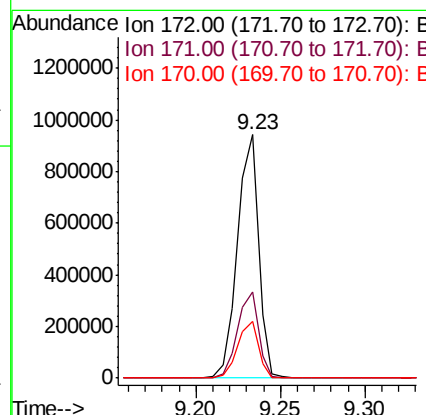
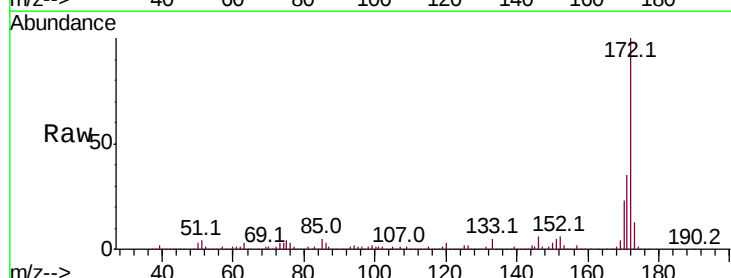
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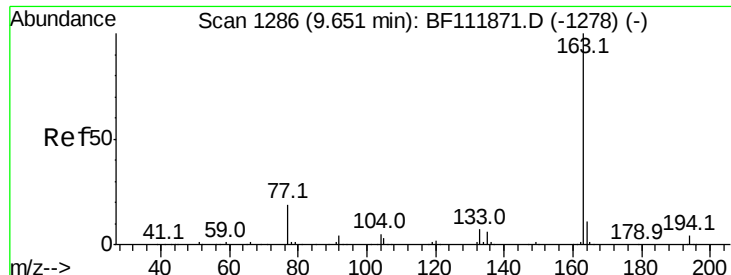
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#45
 2-Fluorobiphenyl
 Concen: 64.755 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF111989.D
 Acq: 10 Jan 2019 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	818663		
171	35.2	29.6	44.4	
170	23.4	19.8	29.8	





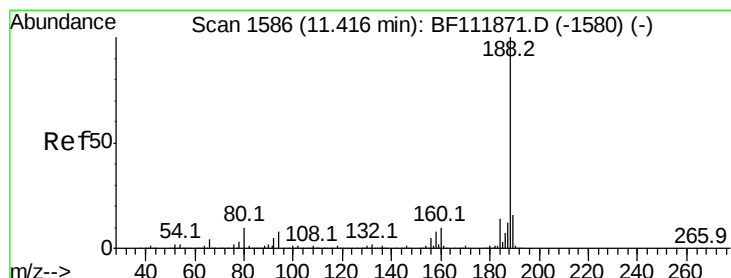
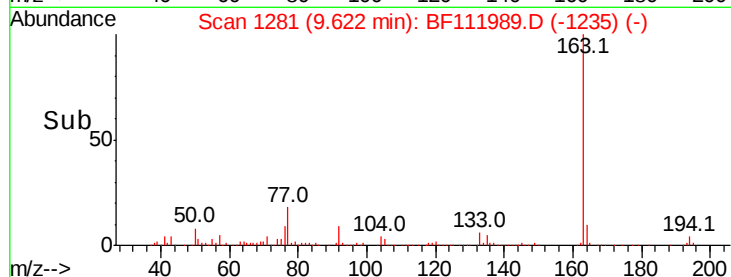
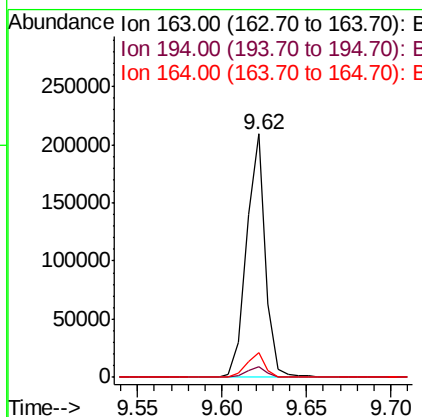
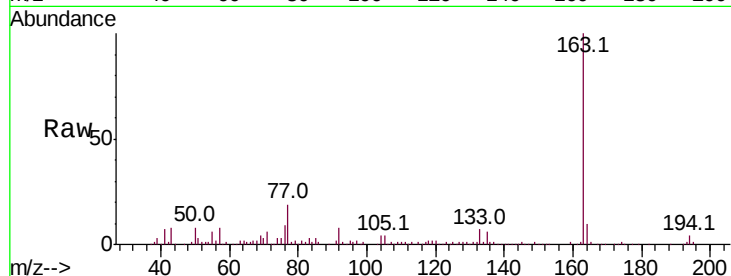
#50
Dimethylphthalate
Concen: 11.697 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF111989.D
Acq: 10 Jan 2019 16:06

Instrument :
BNA_F
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Tot Ion	Ratio	Resp	Lower	Upper
163	100	161993		
194	4.2		3.4	5.2
164	10.0		8.5	12.7

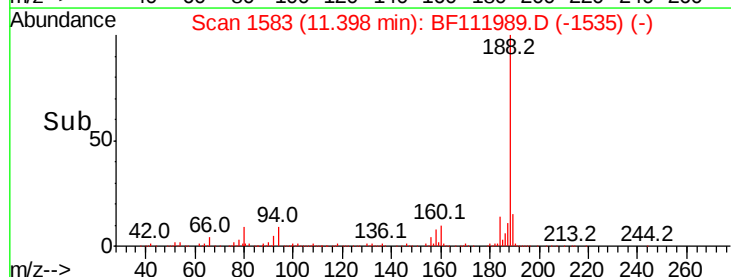
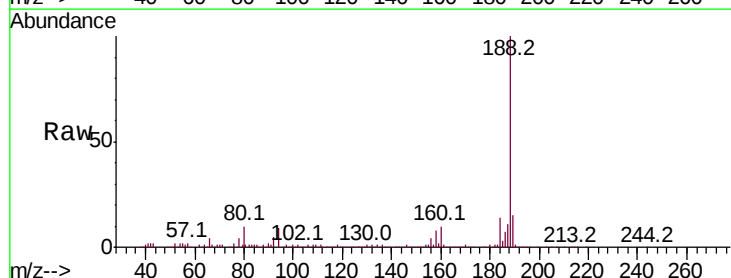
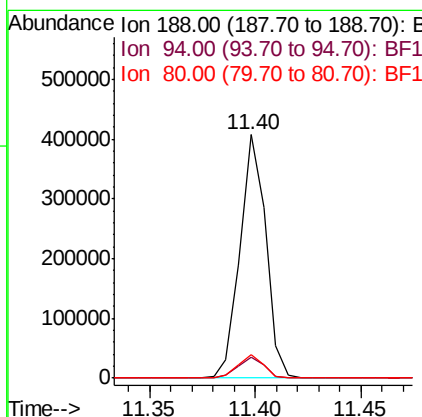
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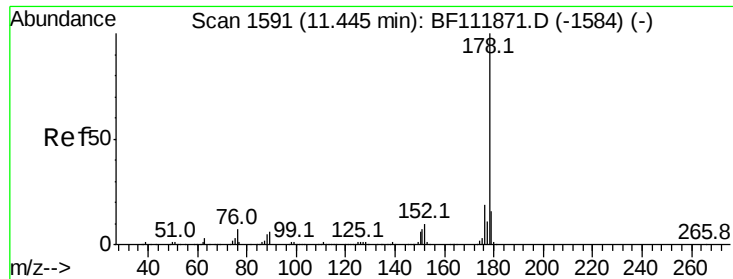
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BF111989.D
Acq: 10 Jan 2019 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	345671		
94	8.8		6.6	10.0
80	9.6		7.7	11.5





#71

Phenanthrene

Concen: 19.347 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.02 min

Lab File: BF111989.D

Acq: 10 Jan 2019 16:06

Instrument :

BNA_F

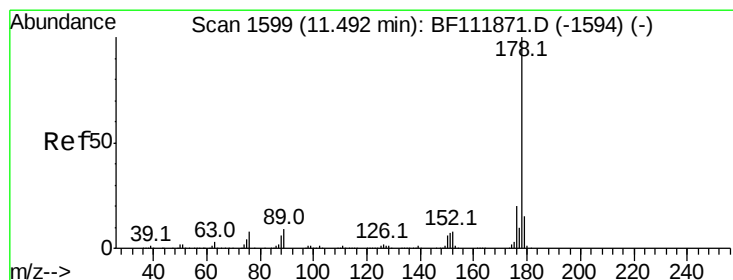
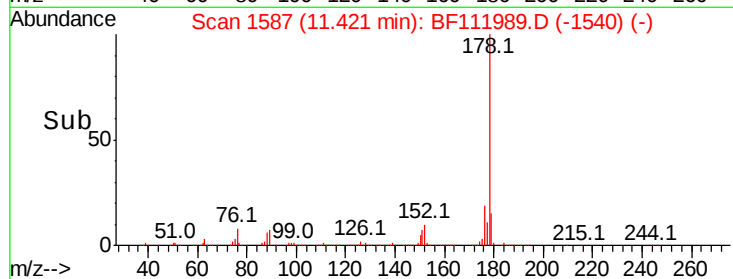
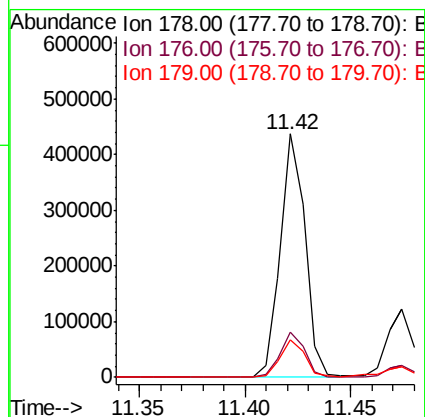
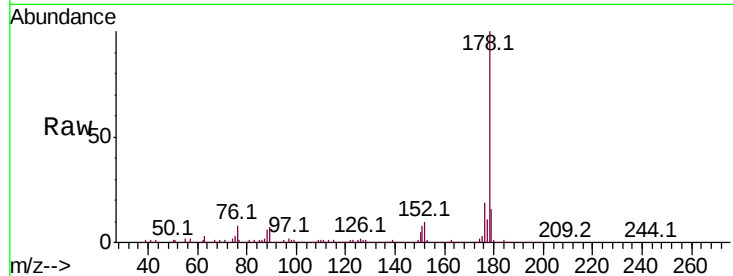
ClientSampleId :

SU-03-010918-A

Tot Ion:	178	Resp:	357564
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.6	23.4
179	15.6	12.6	18.8

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#72

Anthracene

Concen: 5.315 ng

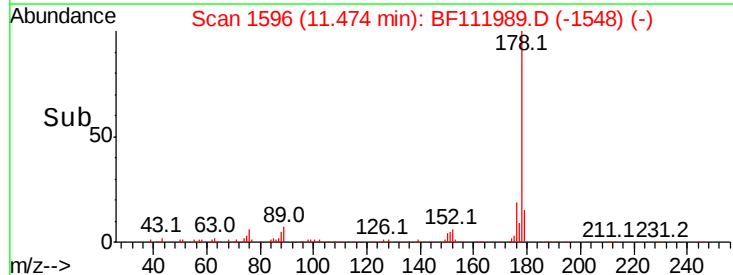
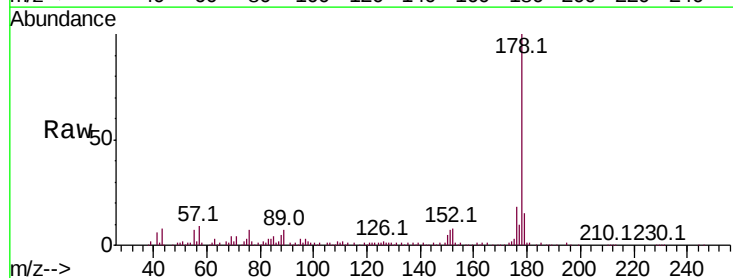
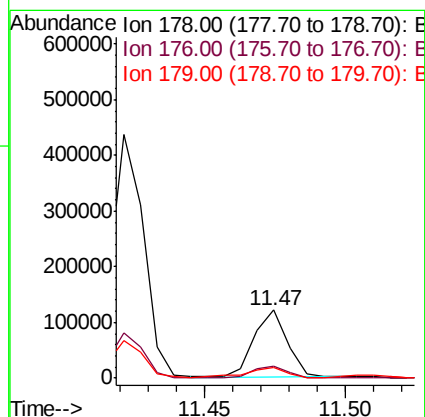
RT: 11.47 min Scan# 1596

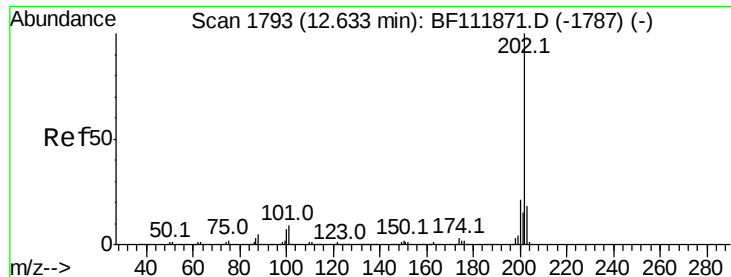
Delta R.T. -0.02 min

Lab File: BF111989.D

Acq: 10 Jan 2019 16:06

Tgt Ion:	178	Resp:	99712
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.7	23.5
179	15.5	12.4	18.6





#75

Fluoranthene

Concen: 31.053 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.02 min

Lab File: BF111989.D

Acq: 10 Jan 2019 16:06

Instrument :

BNA_F

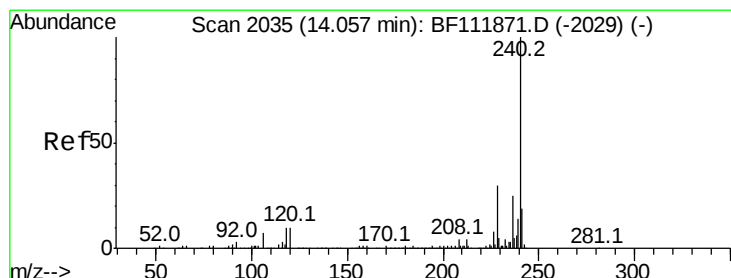
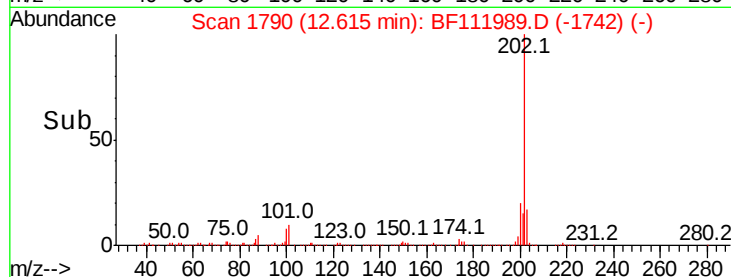
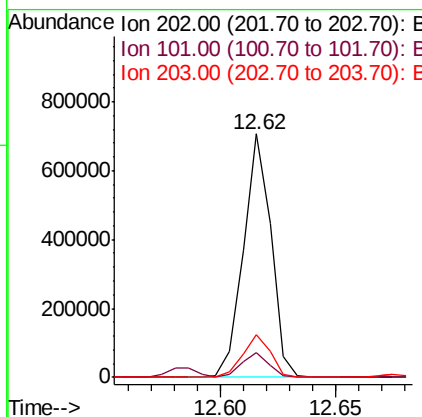
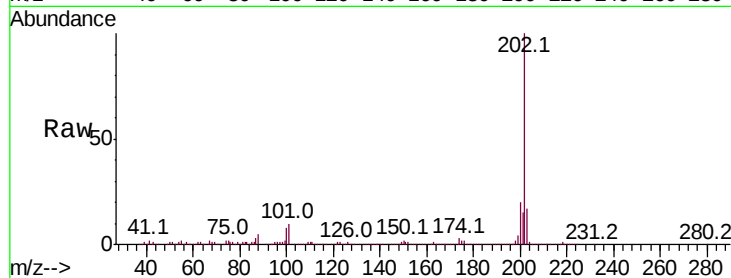
ClientSampleId :

SU-03-010918-A

Tot Ion:	202	Resp:	589165
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	29.3
203	17.4	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

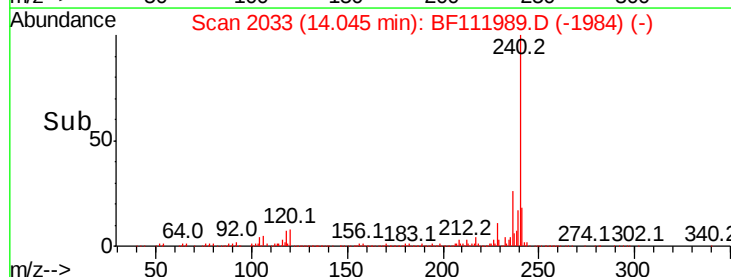
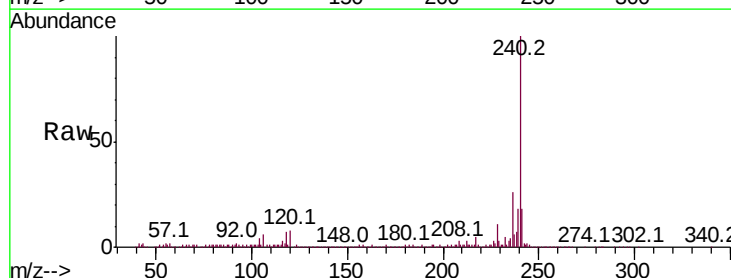
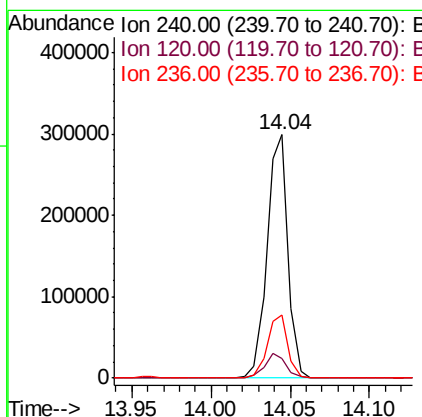
RT: 14.04 min Scan# 2033

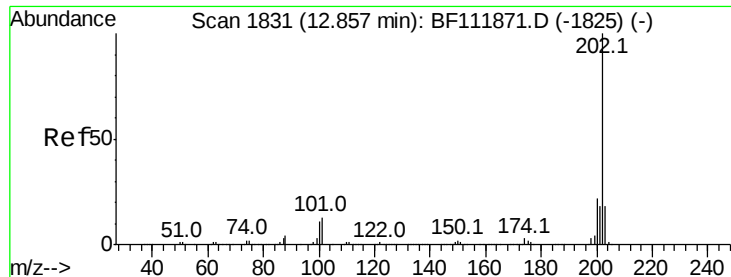
Delta R.T. -0.01 min

Lab File: BF111989.D

Acq: 10 Jan 2019 16:06

Tgt Ion:	240	Resp:	277079
Ion Ratio	Lower	Upper	
240	100		
120	7.8	8.2	12.2#
236	25.8	20.2	30.4





#78

Pvrene

Concen: 23.717 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF111989.D

Acq: 10 Jan 2019 16:06

Instrument :

BNA_F

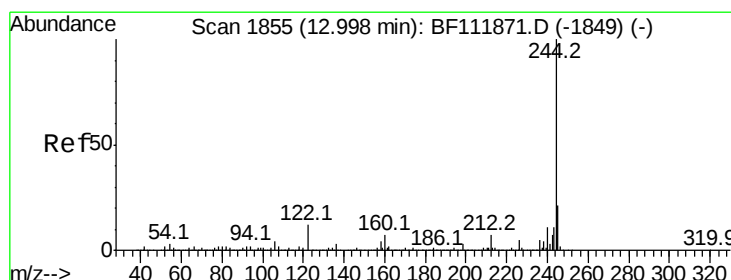
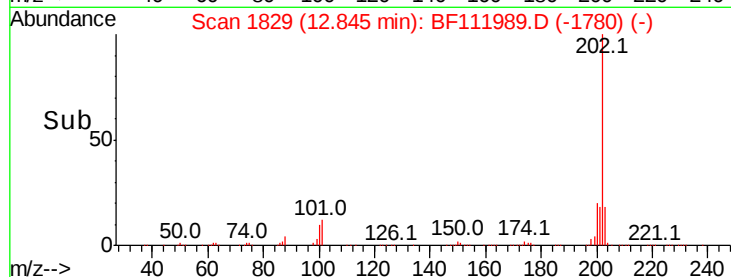
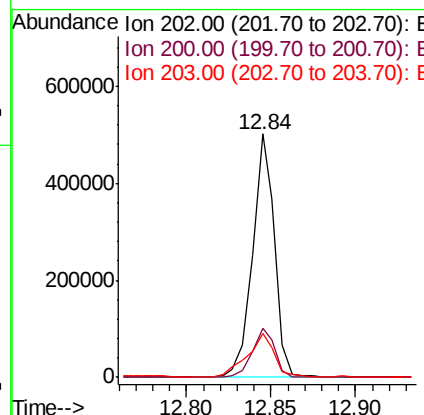
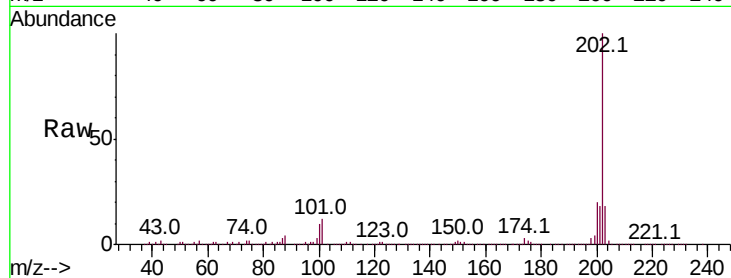
ClientSampleId :

SU-03-010918-A

Tot Ion:	202	Resp:	452166
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.4	26.2
203	17.8	14.6	21.8

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#79

Terphenyl-d14

Concen: 43.977 ng

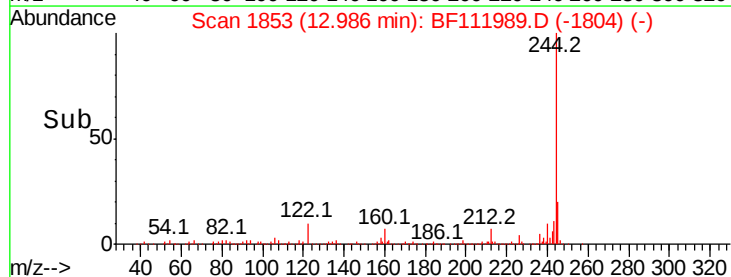
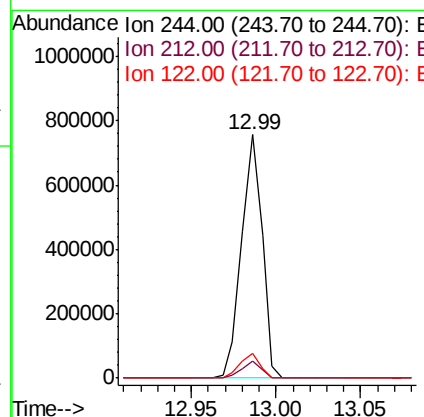
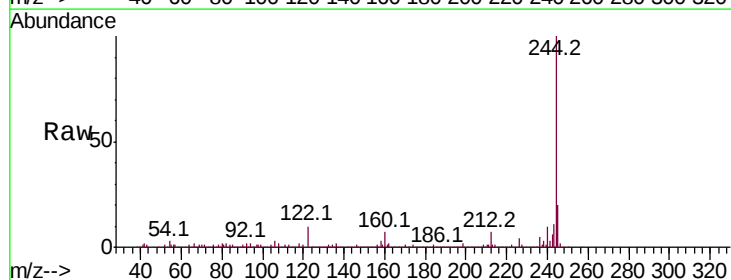
RT: 12.99 min Scan# 1853

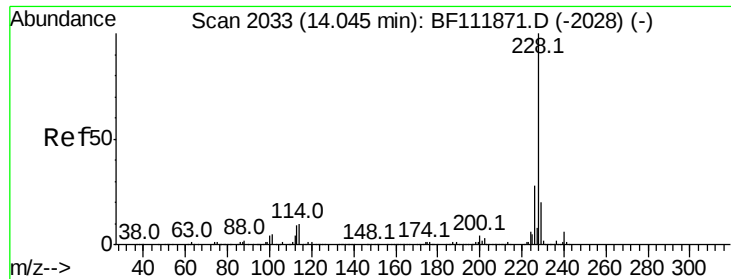
Delta R.T. -0.01 min

Lab File: BF111989.D

Acq: 10 Jan 2019 16:06

Tgt Ion:	244	Resp:	641925
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.8	8.8
122	10.2	9.5	14.3





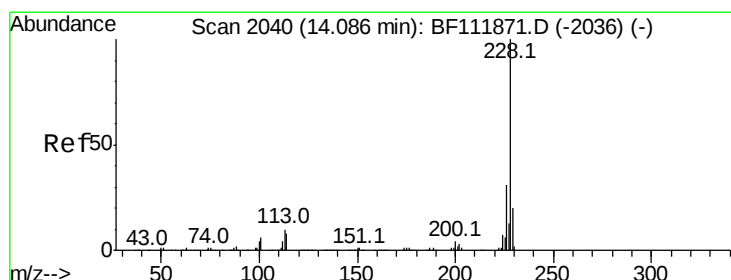
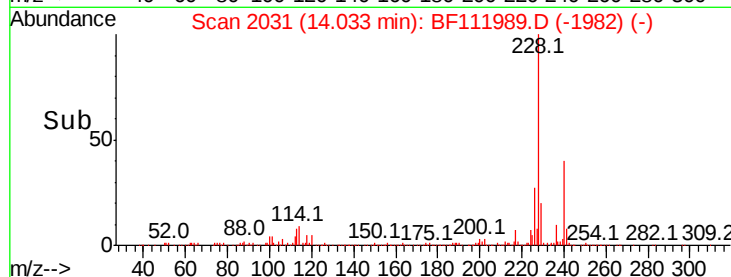
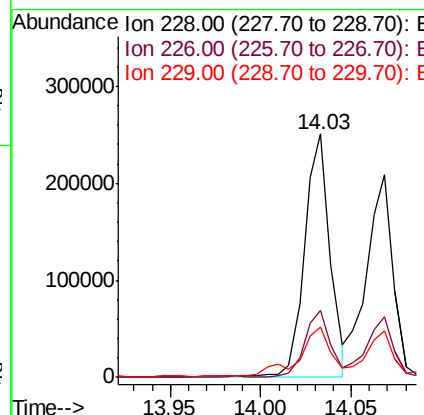
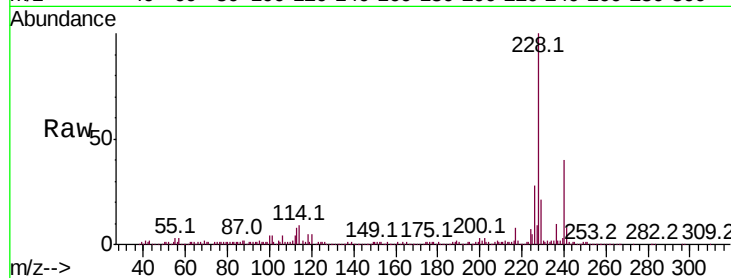
#81
Benzo(a)anthracene
Concen: 15.536 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF111989.D
Acq: 10 Jan 2019 16:06

Instrument :
BNA_F
ClientSampleId :
SU-03-010918-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.2	33.2
229	20.7	16.2	24.2

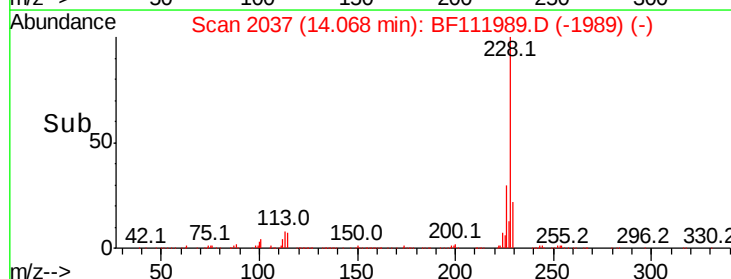
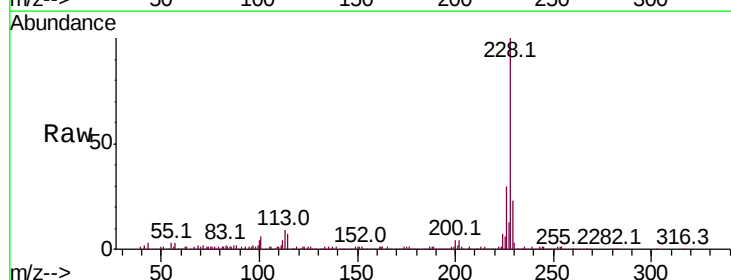
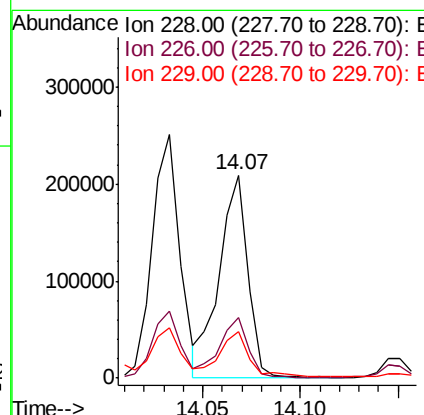
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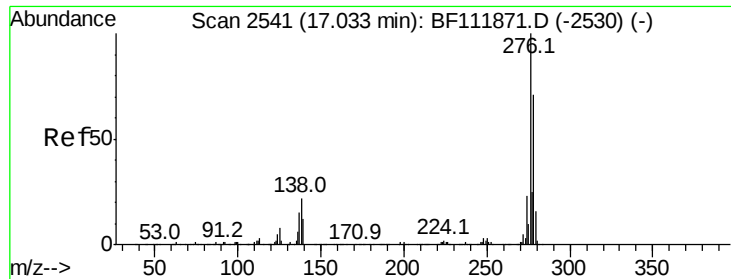
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#83
Chrysene
Concen: 13.993 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BF111989.D
Acq: 10 Jan 2019 16:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.6	37.0
229	22.7	15.7	23.5





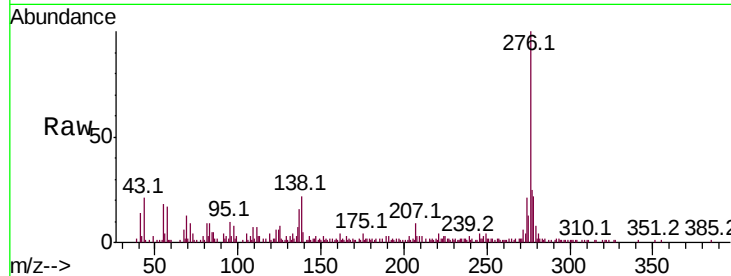
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.417 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.02 min
Lab File: BF111989.D
Acq: 10 Jan 2019 16:06

Instrument :
BNA_F
ClientSampleId :
SU-03-010918-A

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.6	18.1	27.1
277	24.8	19.9	29.9

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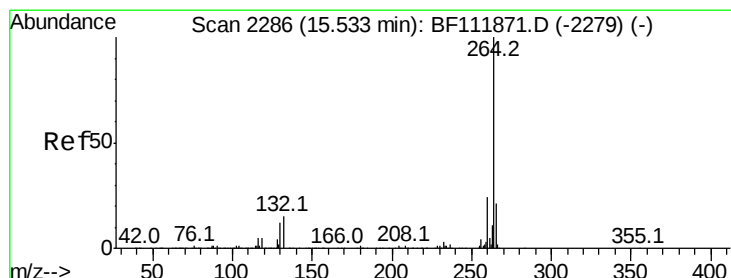
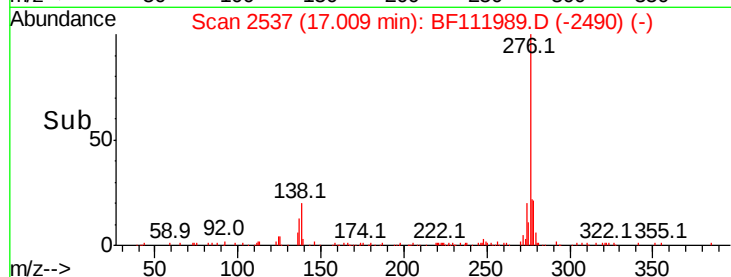
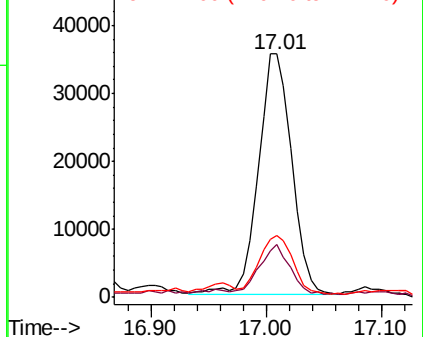


Abundance

Ion 276.00 (275.70 to 276.70): E

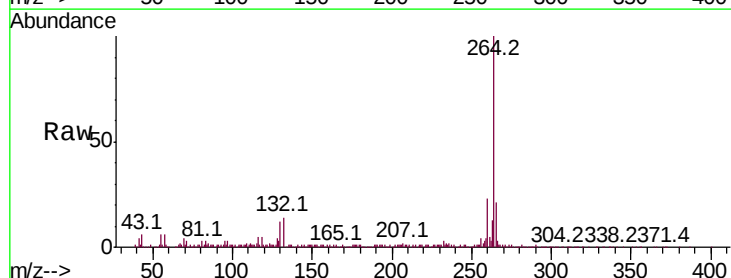
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BF111989.D
Acq: 10 Jan 2019 16:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.6	17.1	25.7

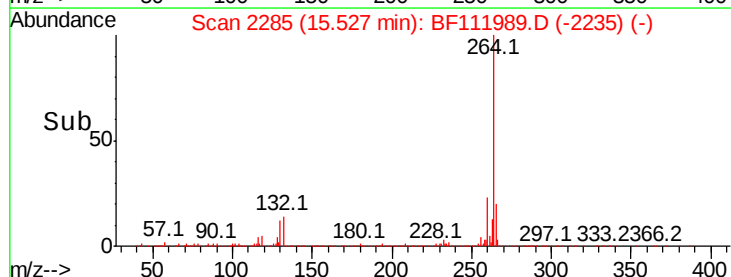
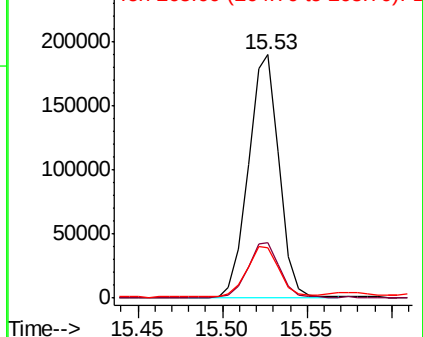


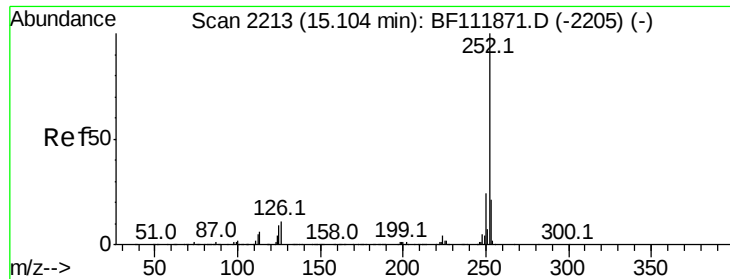
Abundance

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





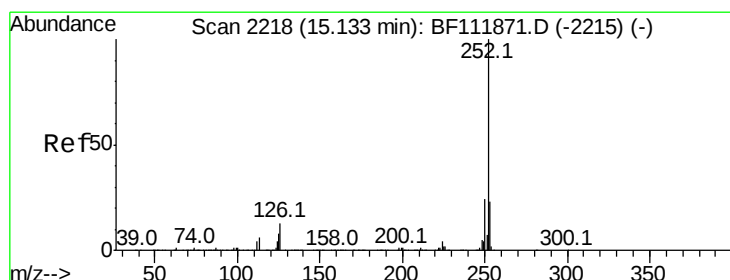
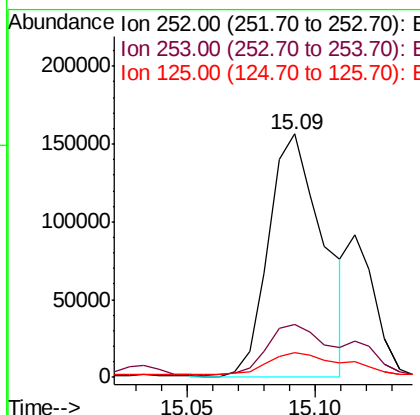
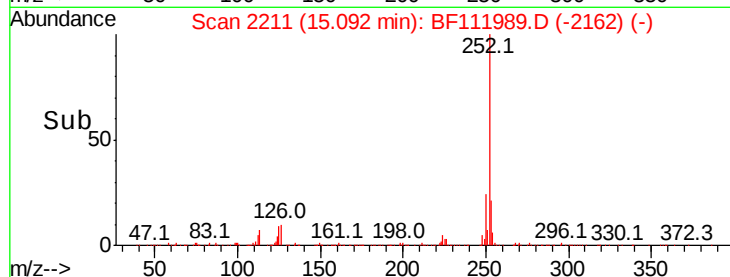
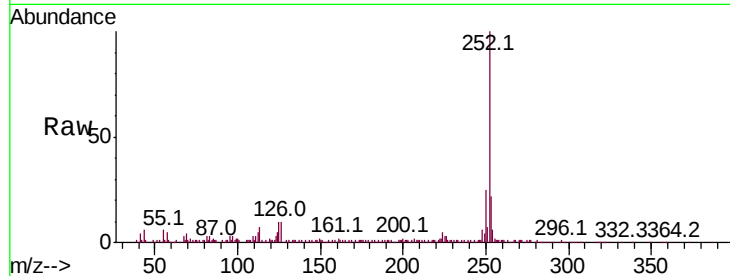
#88
Benzo(b)fluoranthene
Concen: 16.434 ng m
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF111989.D
Acq: 10 Jan 2019 16:06

Instrument :
BNA_F
ClientSampleId :
SU-03-010918-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	10.1	7.1	10.7

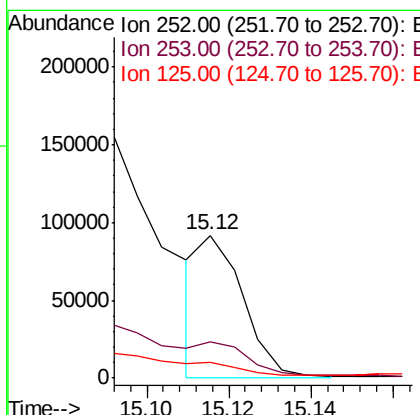
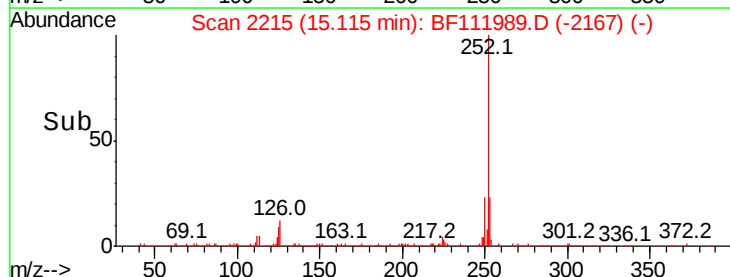
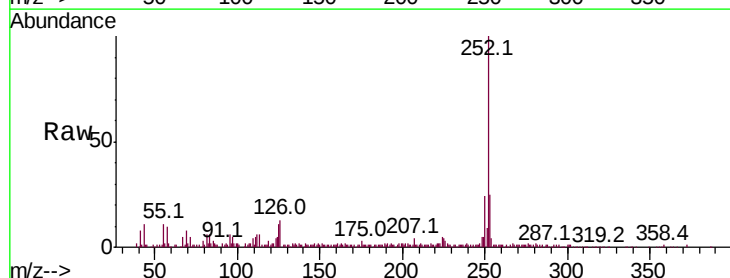
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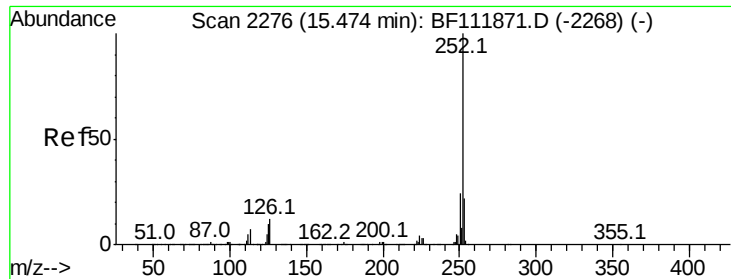
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#89
Benzo(k)fluoranthene
Concen: 5.154 ng m
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF111989.D
Acq: 10 Jan 2019 16:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.8	26.6
125	10.7	7.0	10.4#





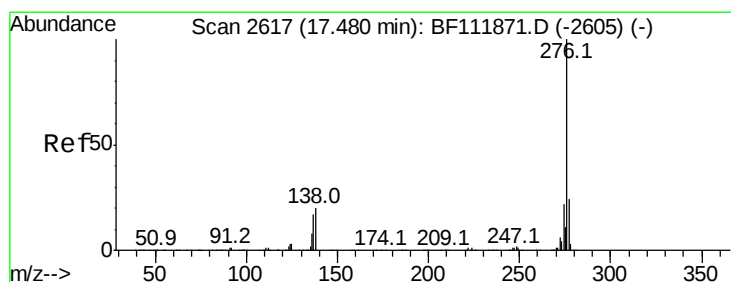
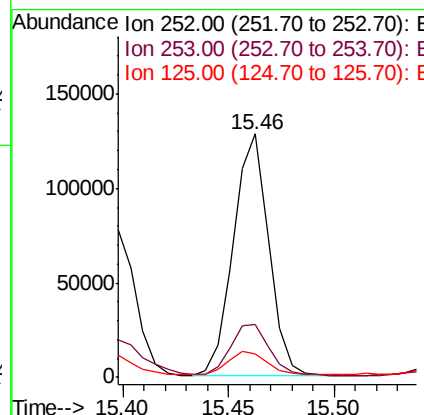
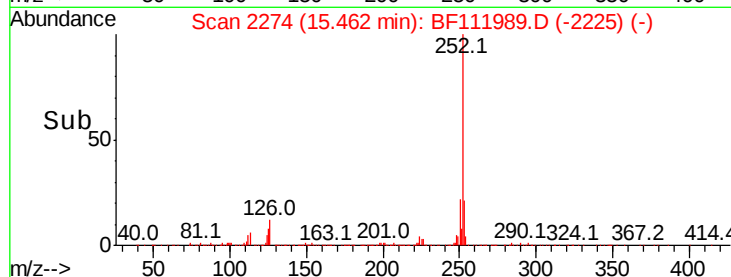
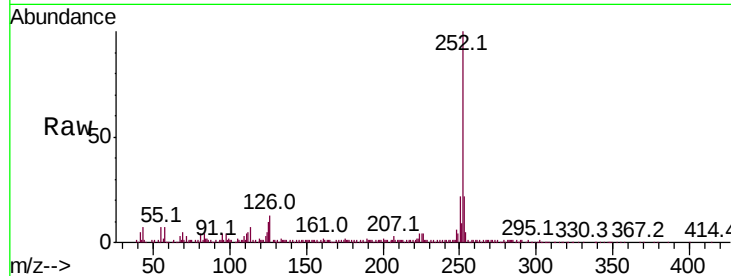
#90
Benzo(a)pyrene
Concen: 11.820 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF111989.D
Acq: 10 Jan 2019 16:06

Instrument :
BNA_F
ClientSampleId :
SU-03-010918-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.7	7.9	11.9

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 6.242 ng
RT: 17.46 min Scan# 2613
Delta R.T. -0.02 min
Lab File: BF111989.D
Acq: 10 Jan 2019 16:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.0	28.6
138	22.2	16.2	24.2

