

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113138.D
 Acq On : 19 Mar 2019 21:08
 Operator : JU/SJ
 Sample : K1693-11 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-031819-B

Manual Integrations
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Quant Time: Mar 20 02:41:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	123572	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	486686	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	232020	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	415887	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	295380	20.00	ng	0.00
87) Perylene-d12	15.27	264	258901	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	195543	24.62	ng	-0.01
7) Phenol-d6	6.36	99	220652	22.11	ng	-0.01
23) Nitrobenzene-d5	7.28	82	125797	15.47	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	63210	25.66	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	273771	15.00	ng	-0.01
79) Terphenyl-d14	12.81	244	234958	15.42	ng	-0.01
Target Compounds						
58) Fluorene	10.30	166	30622	2.023	ng	Qvalue 93
71) Phenanthrene	11.26	178	274370	13.260	ng	97
72) Anthracene	11.31	178	72521	3.348	ng	99
75) Fluoranthene	12.45	202	373735	16.858	ng	94
78) Pyrene	12.67	202	341168	13.701	ng	99
81) Benzo(a)anthracene	13.85	228	135968	6.642	ng	99
83) Chrysene	13.89	228	121519	6.060	ng	95
86) Indeno(1,2,3-cd)pyrene	16.63	276	49079	2.871	ng	# 89
88) Benzo(b)fluoranthene	14.87	252	137021m	8.182	ng	
89) Benzo(k)fluoranthene	14.90	252	44888m	2.959	ng	
90) Benzo(a)pyrene	15.22	252	95737	6.463	ng	98
92) Benzo(g,h,i)perylene	17.04	276	42267	3.330	ng	# 94

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

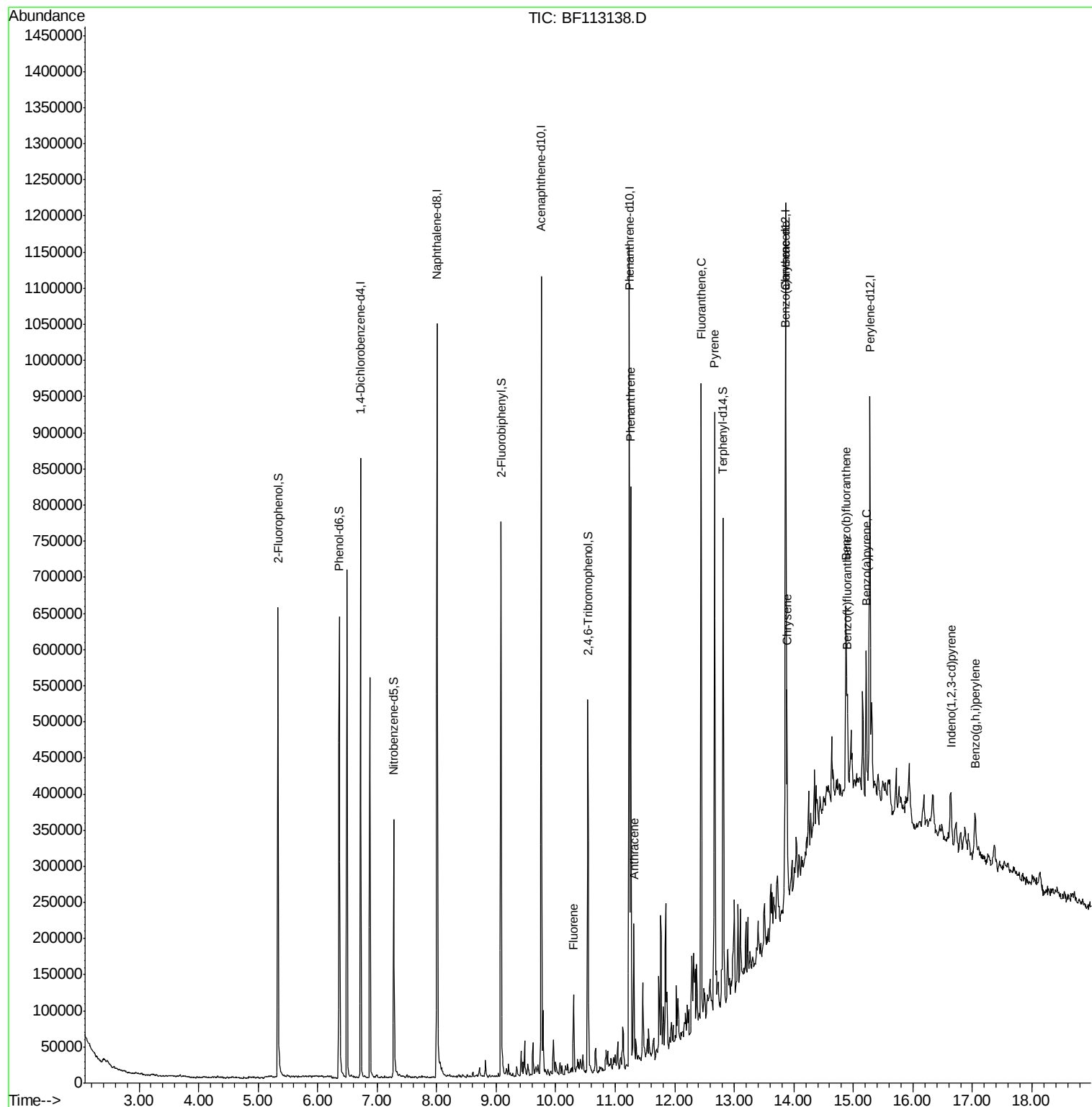
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113138.D
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Operator : JU/SJ
Sample : K1693-11 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

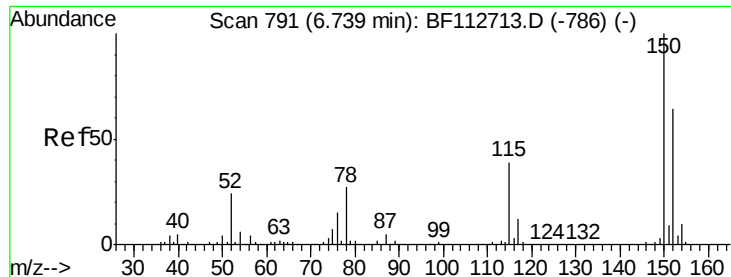
Instrument :
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OR-03-031819-B

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

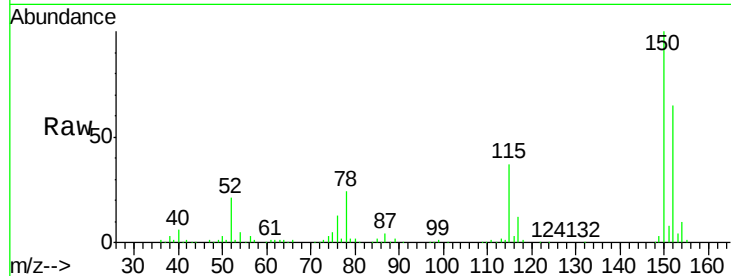
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-B

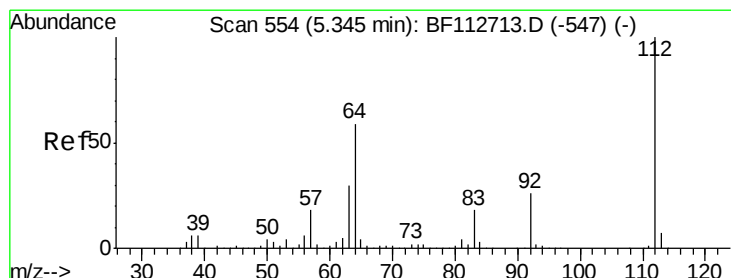
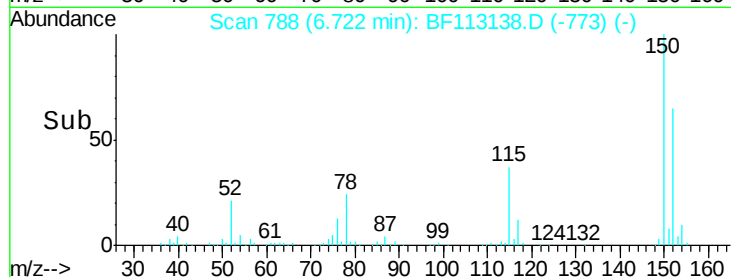
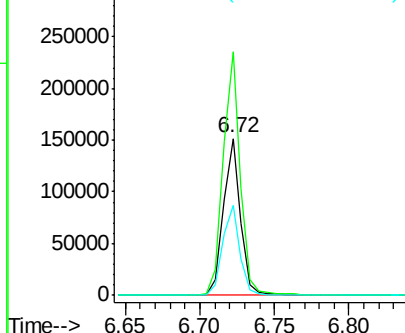
Tgt	Ion	Ratio	Resp	Lower	Upper
152	100		123572		
150	155.0	124.2	186.2		
115	57.2	48.2	72.4		

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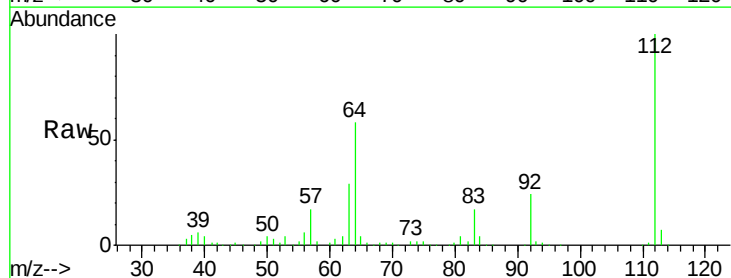
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



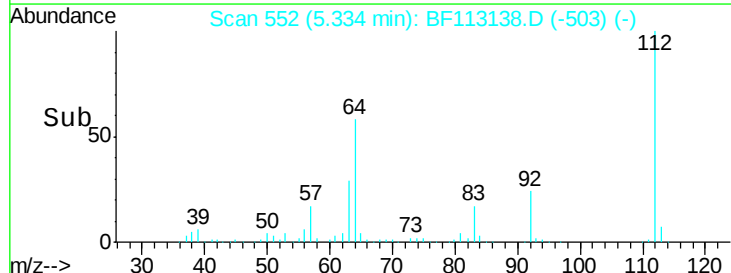
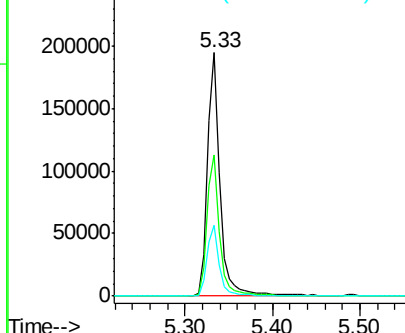
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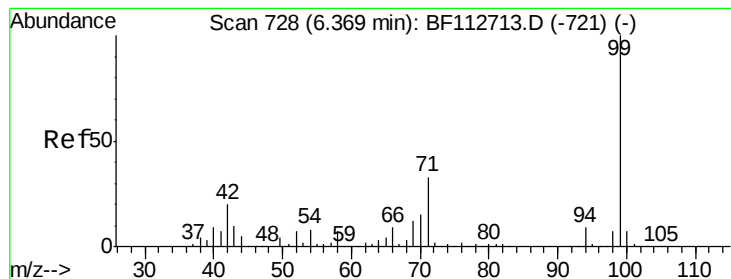
2-Fluorophenol
Concen: 24.615 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Tgt	Ion	Ratio	Resp	Lower	Upper
112	100		195543		
64	58.0	47.6	71.4		
63	29.1	24.4	36.6		



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: 22.112 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113138.D

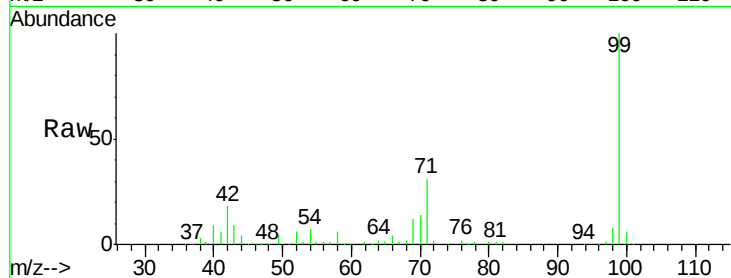
Acq: 19 Mar 2019 21:08

Instrument :

BNA_F

ClientSampleId :

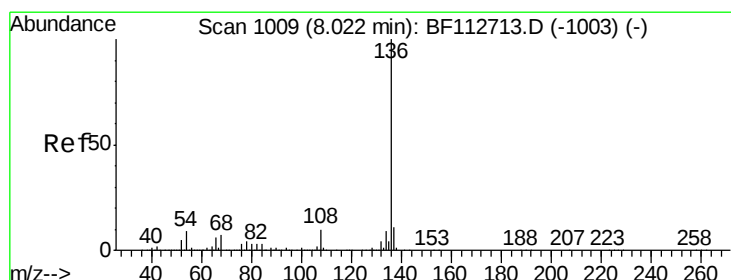
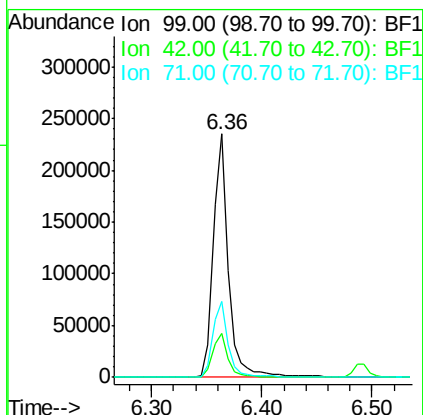
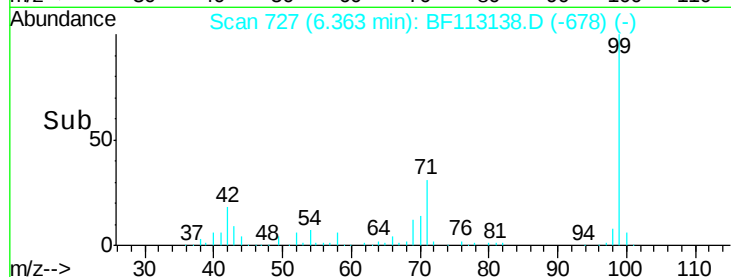
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		220652		
42	18.3	16.3	24.5		
71	31.0	26.2	39.4		

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#21

Naphthalene-d8

Concen: 20.000 ng

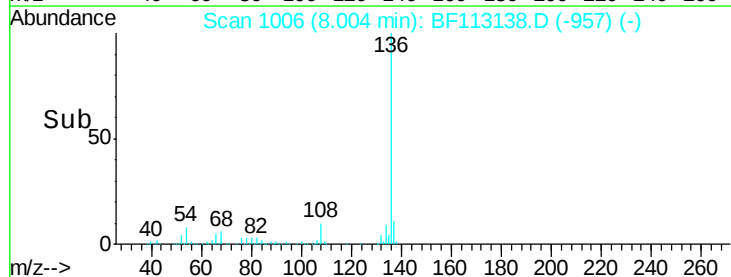
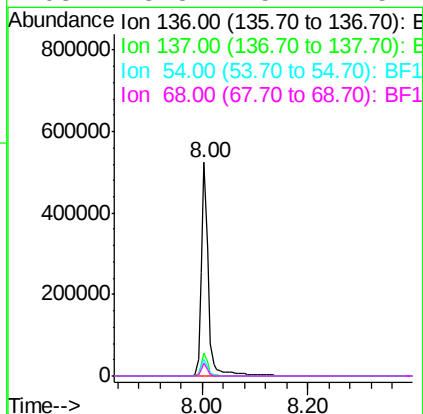
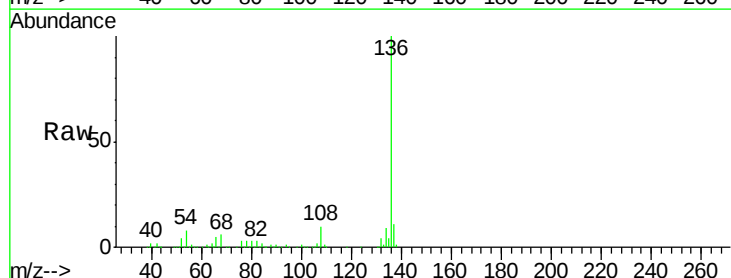
RT: 8.00 min Scan# 1006

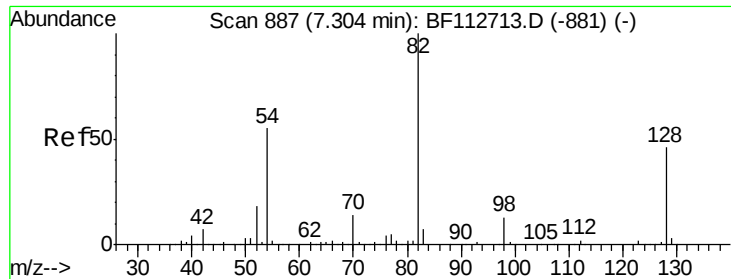
Delta R.T. -0.01 min

Lab File: BF113138.D

Acq: 19 Mar 2019 21:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		486686		
137	11.0	8.9	13.3		
54	8.1	7.3	10.9		
68	5.8	5.4	8.2		





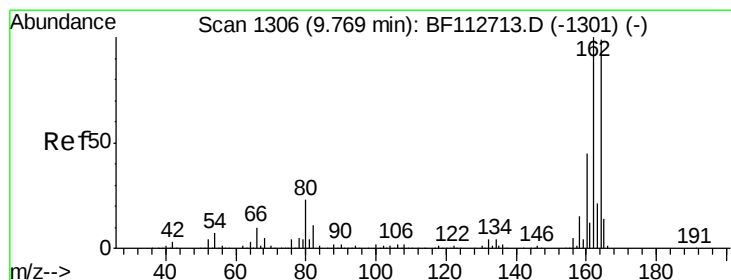
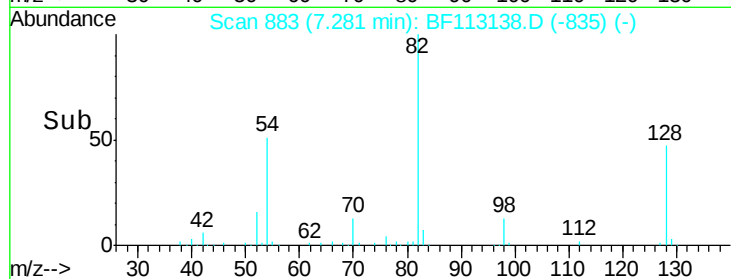
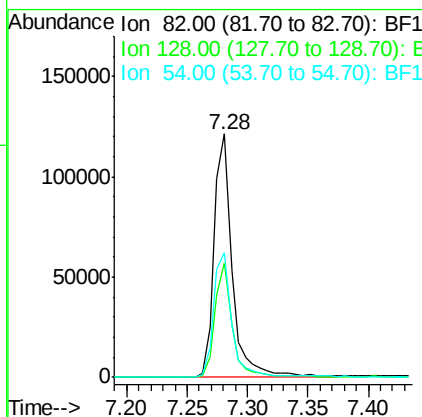
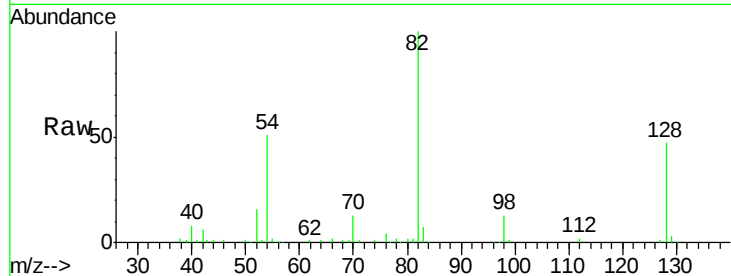
#23
 Nitrobenzene-d5
 Concen: 15.467 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF113138.D
 Acq: 19 Mar 2019 21:08

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-031819-B

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	125797		
128	46.8	36.3	54.5	
54	51.4	43.7	65.5	

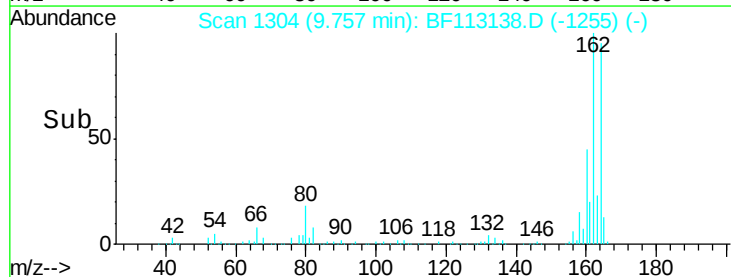
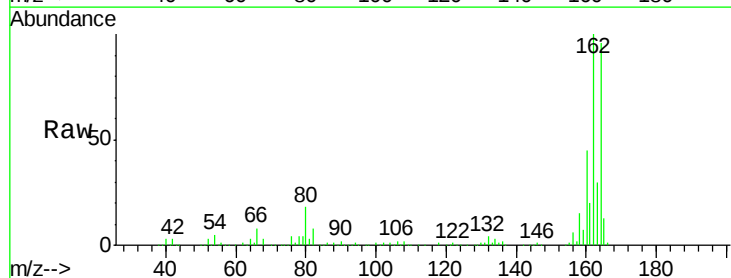
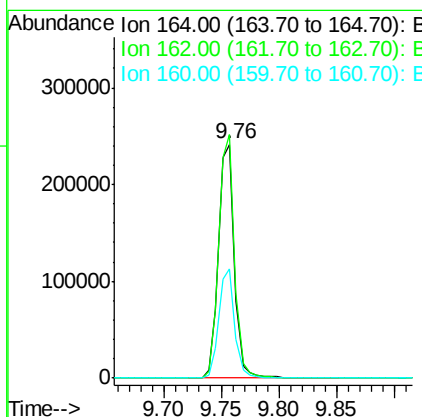
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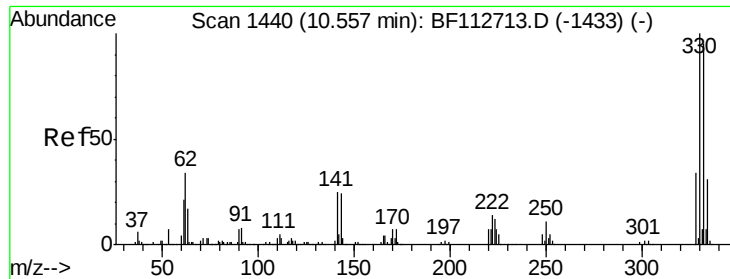
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF113138.D
 Acq: 19 Mar 2019 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	232020		
162	104.3	80.6	120.8	
160	46.7	36.0	54.0	





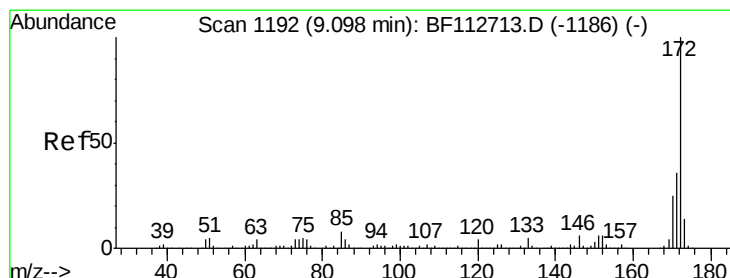
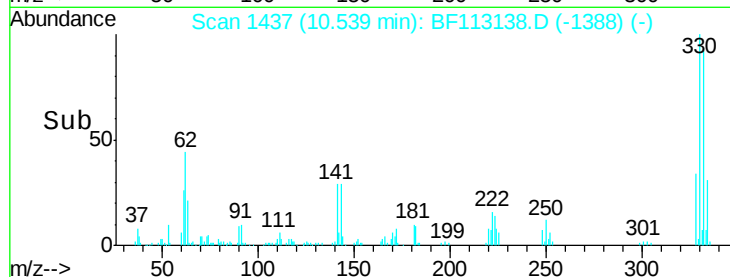
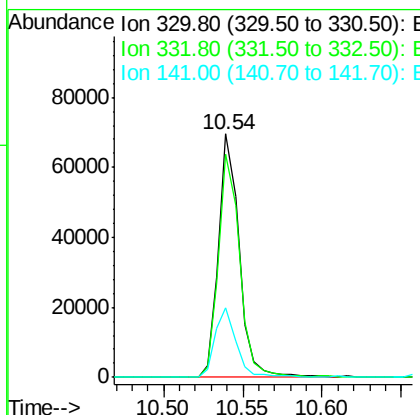
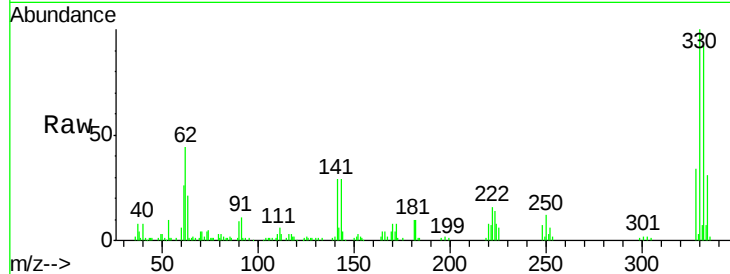
#42
 2,4,6-Tribromophenol
 Concen: 25.662 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113138.D
 Acq: 19 Mar 2019 21:08

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-031819-B

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	63210		
332	93.7	76.2	114.4	
141	29.5	27.0	40.6	

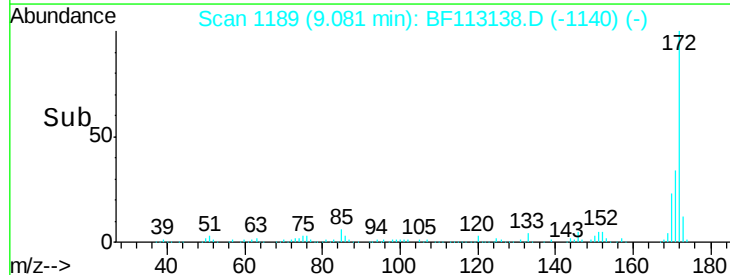
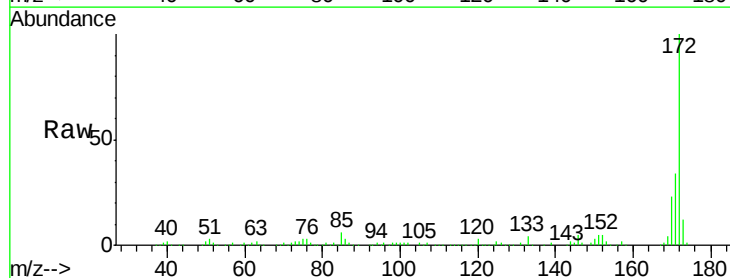
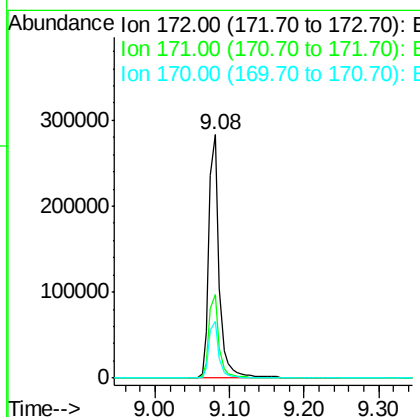
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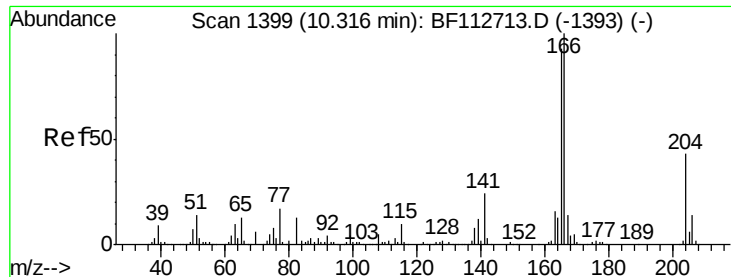
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#45
 2-Fluorobiphenyl
 Concen: 15.004 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113138.D
 Acq: 19 Mar 2019 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	273771		
171	34.4	29.0	43.4	
170	23.1	20.0	30.0	





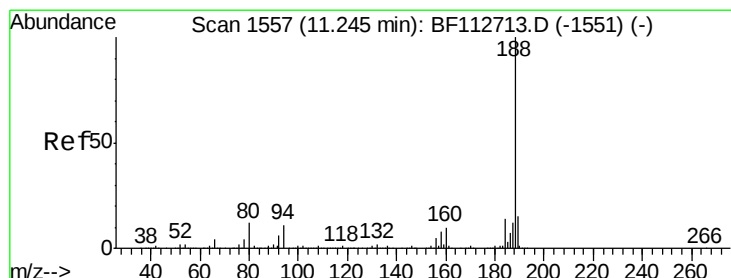
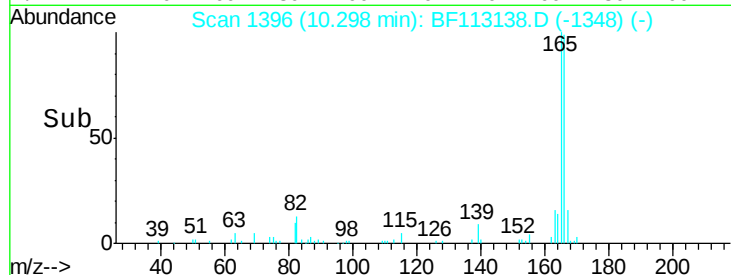
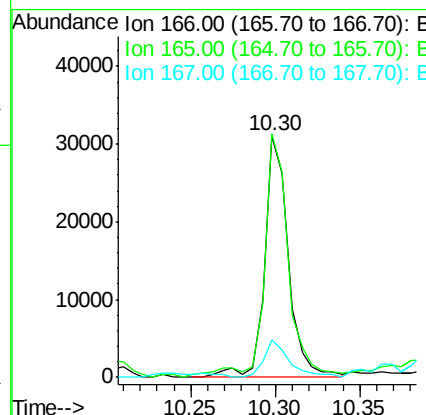
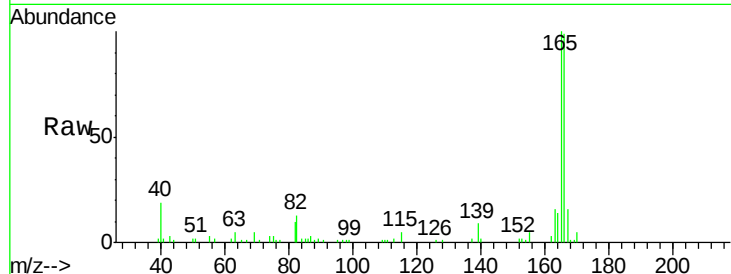
#58
 Fluorene
 Concen: 2.023 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.02 min
 Lab File: BF113138.D
 Acq: 19 Mar 2019 21:08

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-031819-B

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.8	74.7	112.1
167	15.7	11.0	16.6

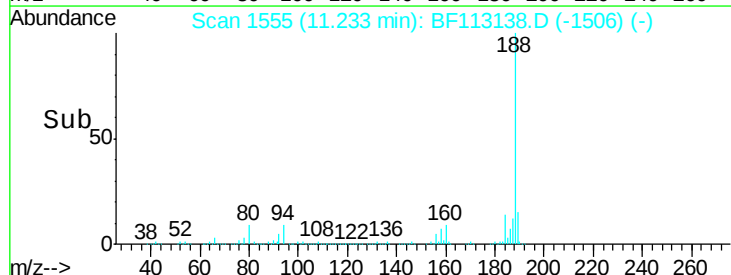
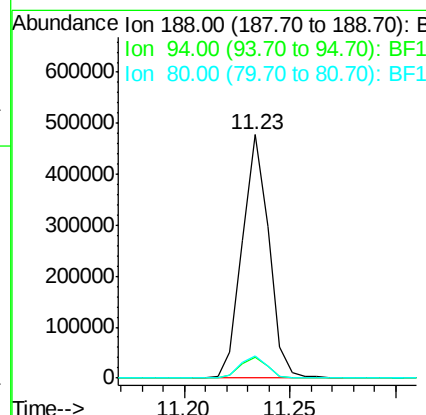
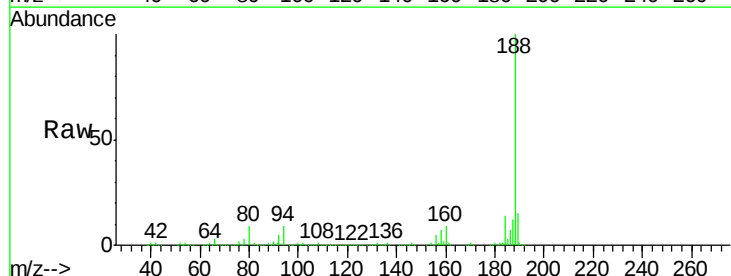
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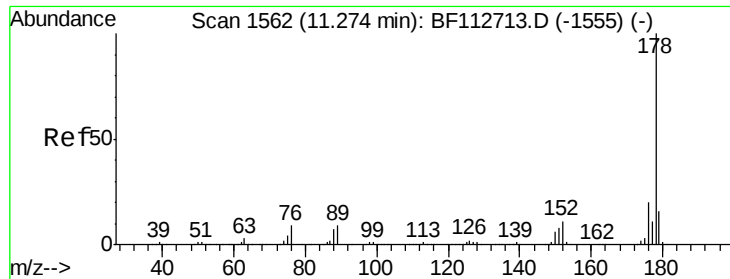
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF113138.D
 Acq: 19 Mar 2019 21:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.0	13.4#
80	9.2	9.2	13.8#





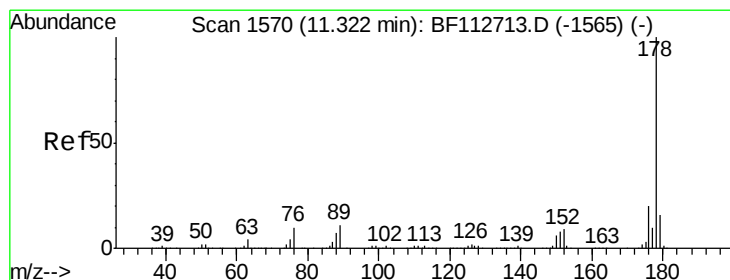
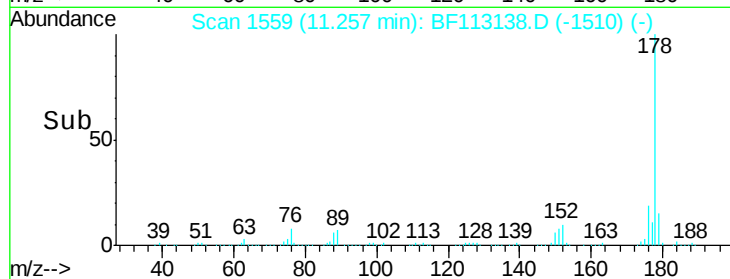
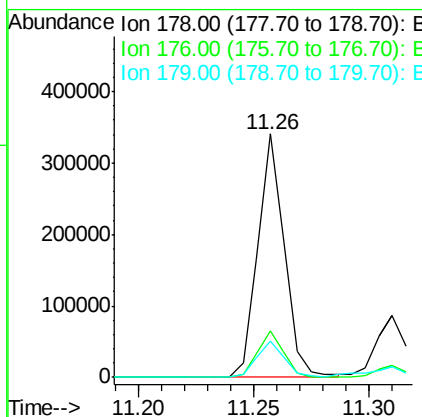
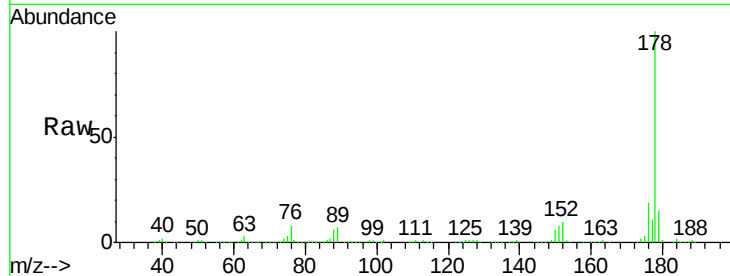
#71
Phenanthrene
Concen: 13.260 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-B

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.3	24.5
179	14.8	12.7	19.1

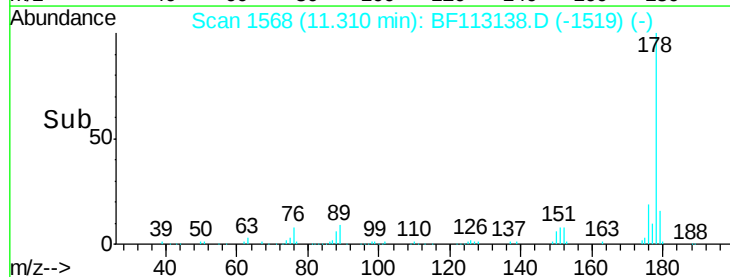
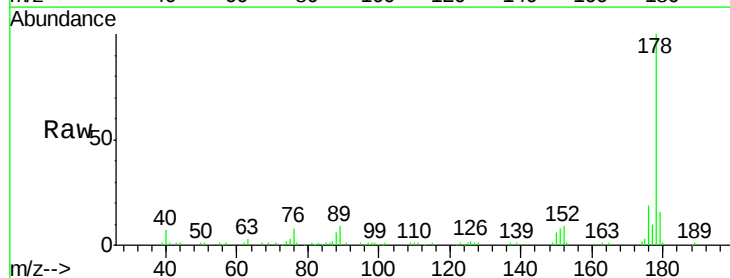
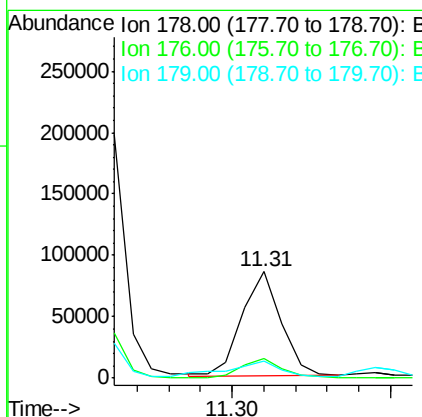
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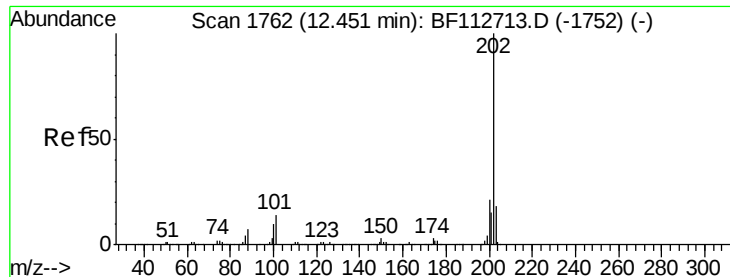
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#72
Anthracene
Concen: 3.348 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.6
179	16.3	13.0	19.6





#75

Fluoranthene

Concen: 16.858 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF113138.D

Acq: 19 Mar 2019 21:08

Instrument :

BNA_F

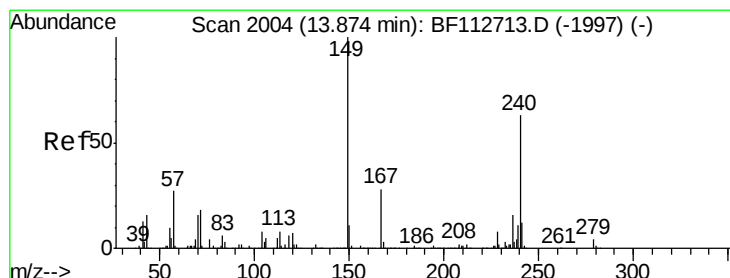
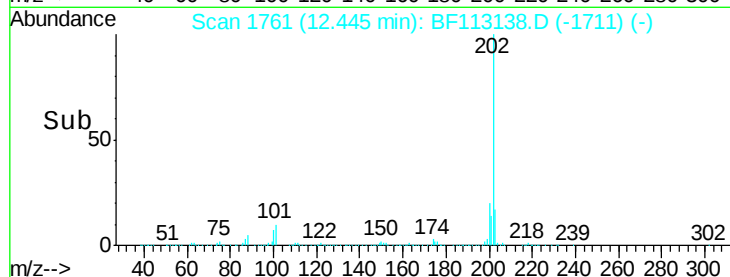
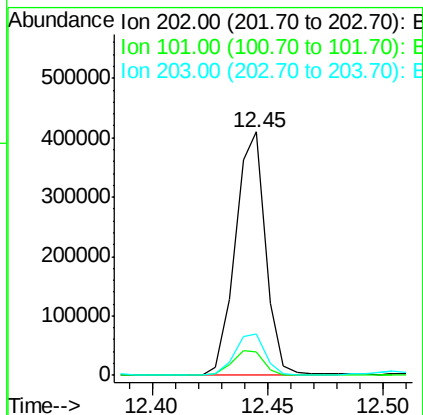
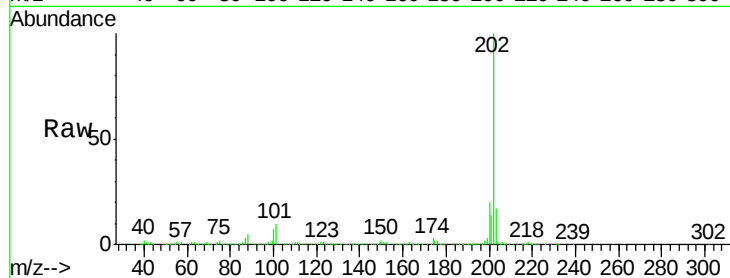
ClientSampled :

OR-03-031819-B

Tgt	Ion	202	Resp:	373735
Ion	Ratio		Lower	Upper
202	100			
101	9.6	0.0	33.8	
203	17.2	0.0	38.4	

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

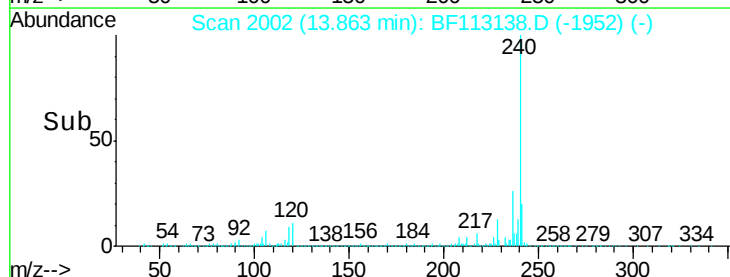
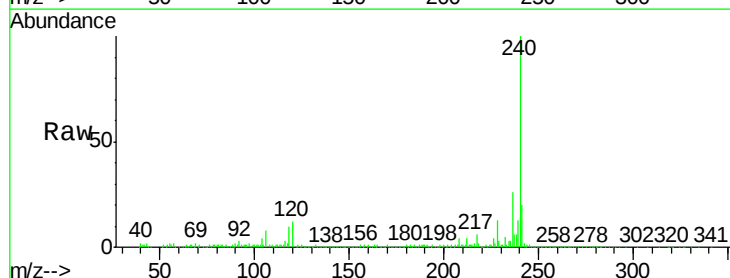
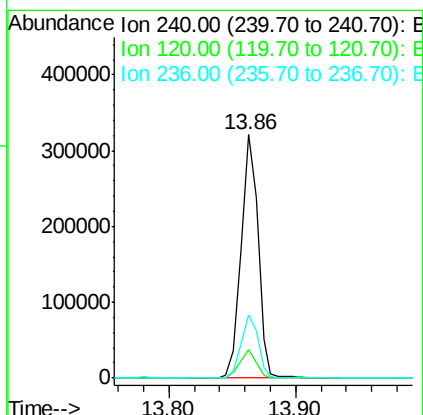
RT: 13.86 min Scan# 2002

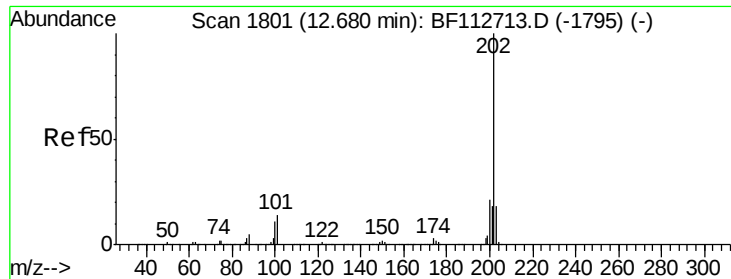
Delta R.T. -0.01 min

Lab File: BF113138.D

Acq: 19 Mar 2019 21:08

Tgt	Ion	240	Resp:	295380
Ion	Ratio		Lower	Upper
240	100			
120	11.5	8.9	13.3	
236	26.1	20.7	31.1	





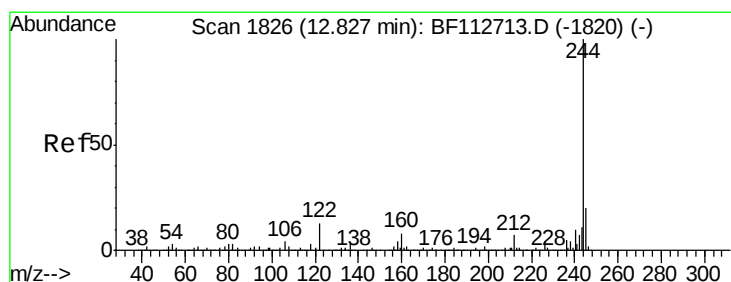
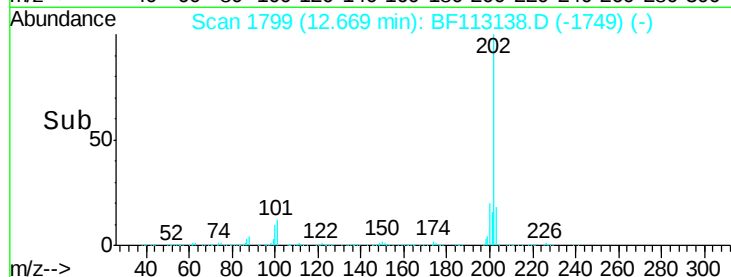
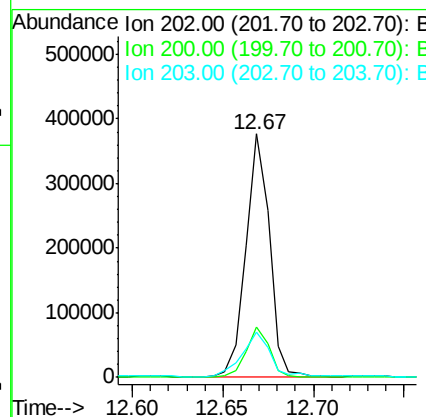
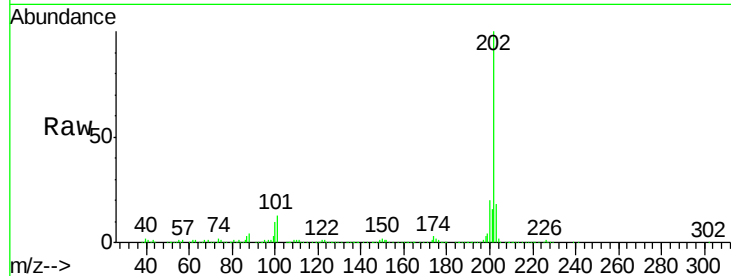
#78
Pyrene
Concen: 13.701 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Instrument :
BNA_F
ClientSampled :
OR-03-031819-B

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.4	17.0	25.4
203	18.4	14.4	21.6

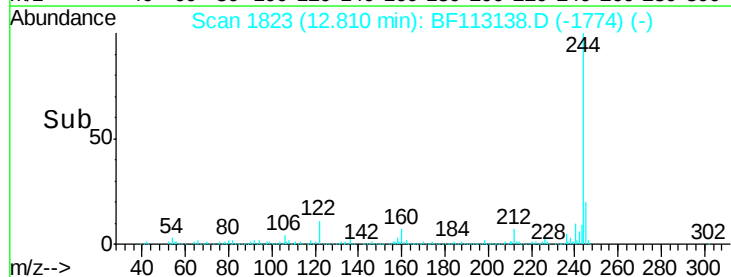
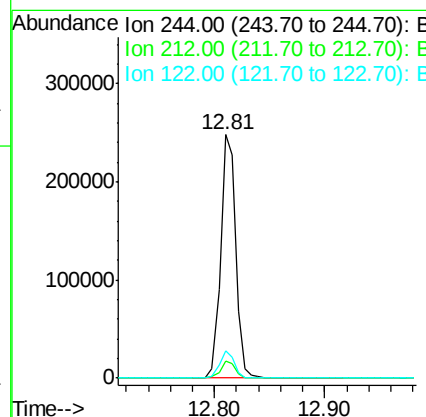
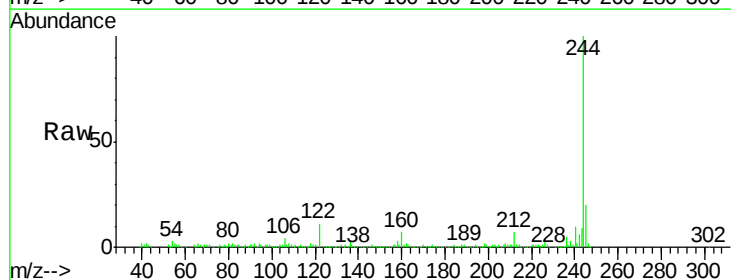
Manual Integrations
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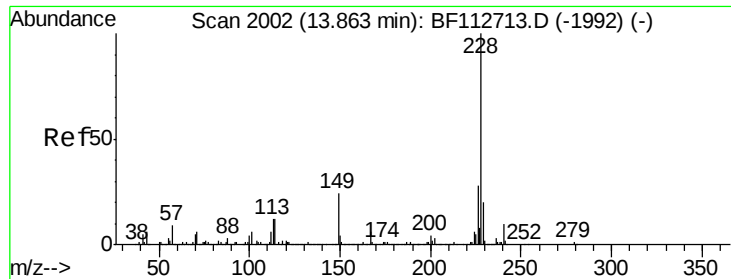
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#79
Terphenyl-d14
Concen: 15.420 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.0	5.6	8.4
122	11.0	10.5	15.7





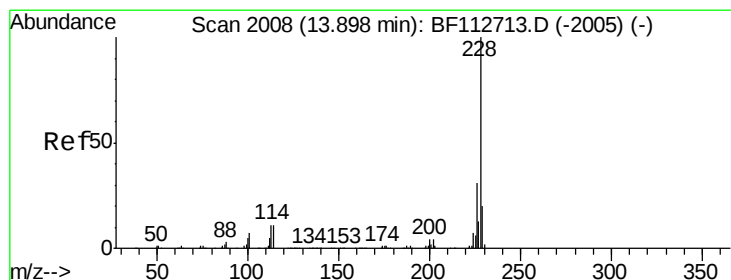
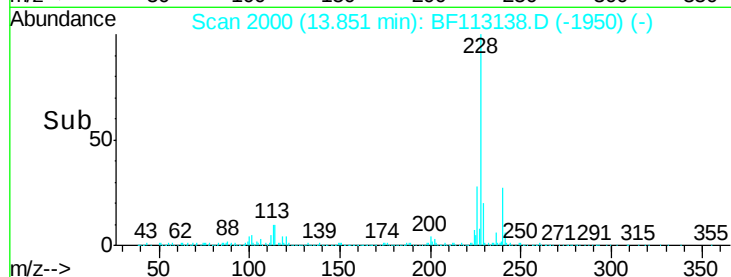
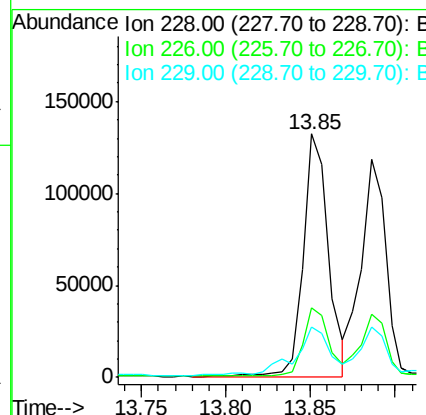
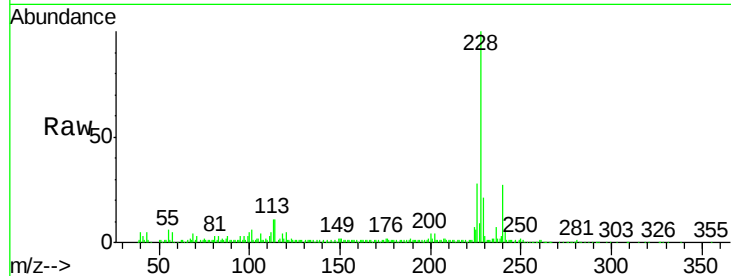
#81
Benzo(a)anthracene
Concen: 6.642 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-B

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.2	33.4
229	20.7	16.0	24.0

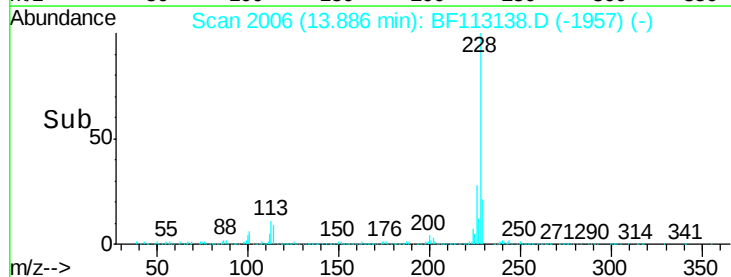
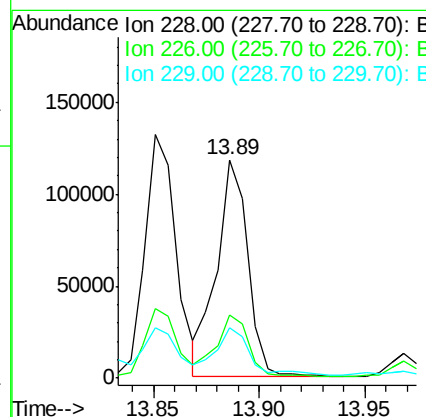
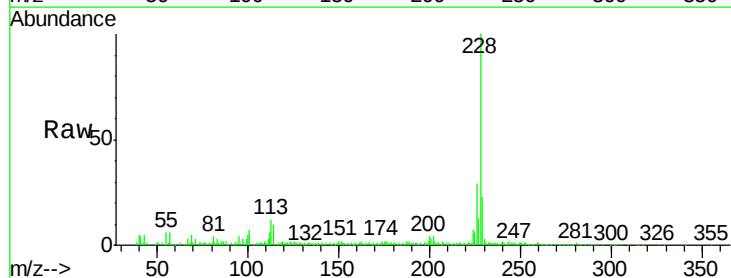
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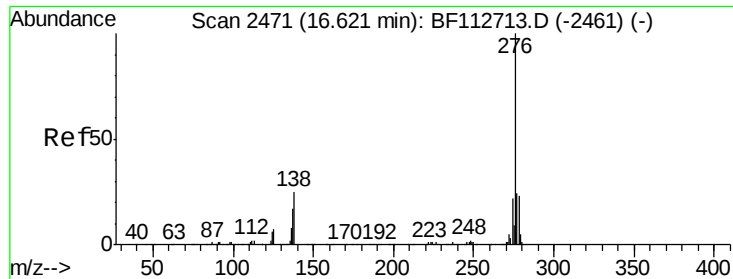
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#83
Chrysene
Concen: 6.060 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.9	37.3
229	23.2	16.3	24.5





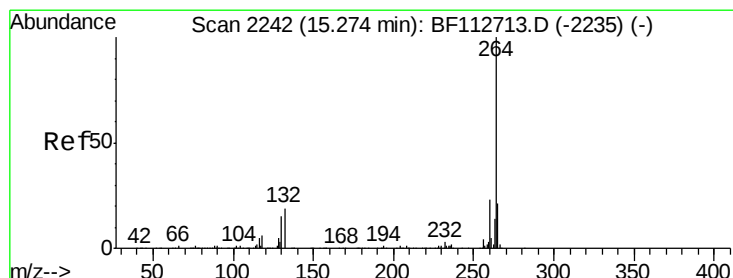
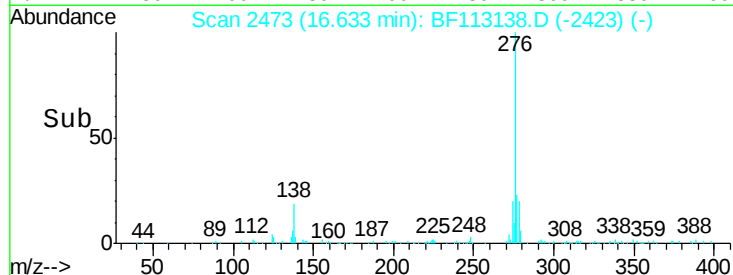
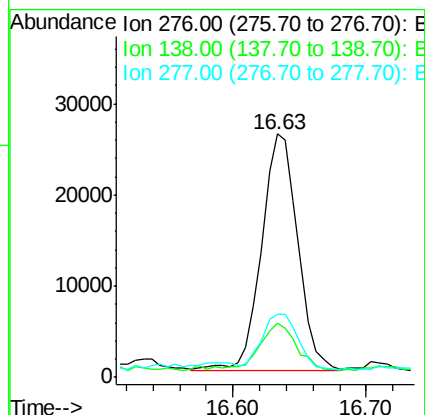
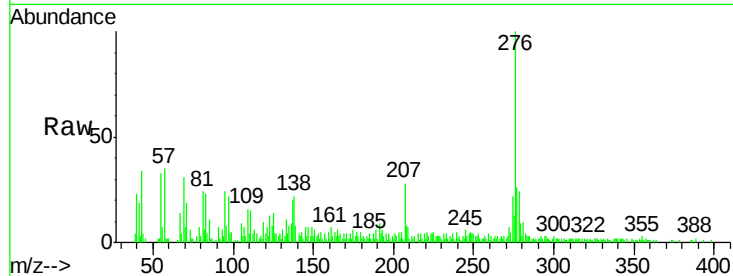
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.871 ng
 RT: 16.63 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BF113138.D
 Acq: 19 Mar 2019 21:08

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-031819-B

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.3	23.2	34.8#
277	22.7	19.9	29.9

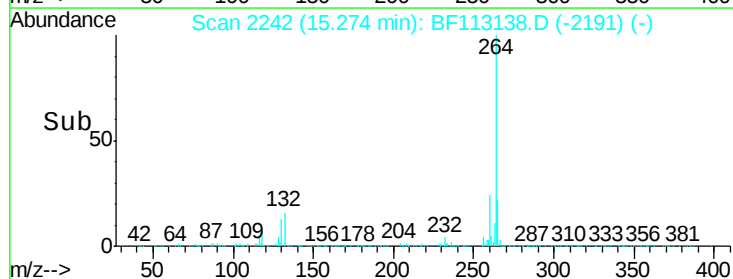
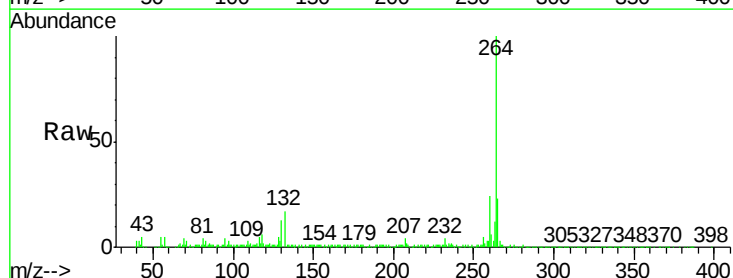
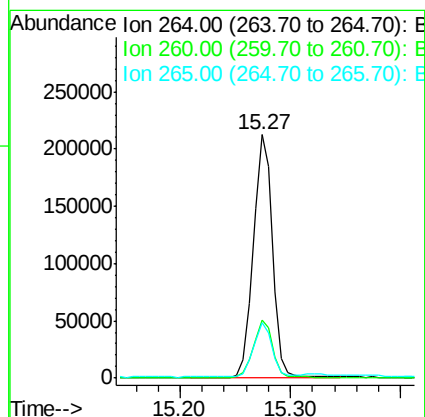
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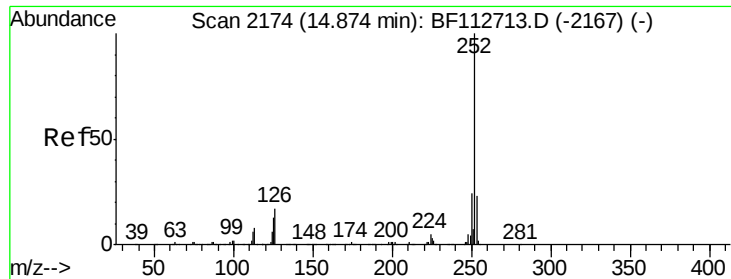
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. 0.00 min
 Lab File: BF113138.D
 Acq: 19 Mar 2019 21:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.7	17.2	25.8





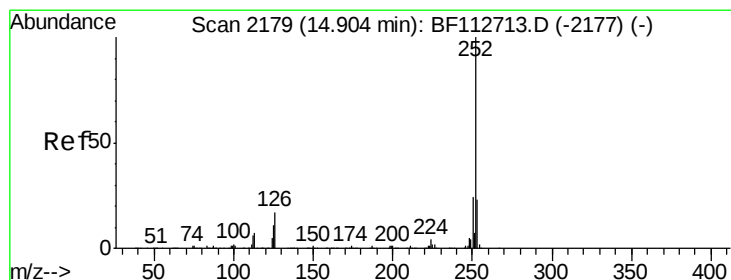
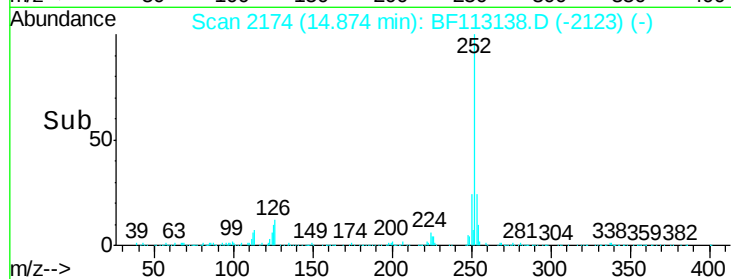
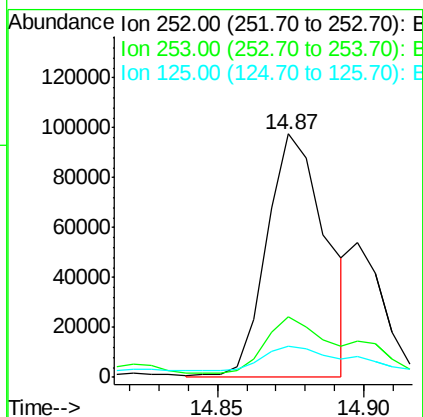
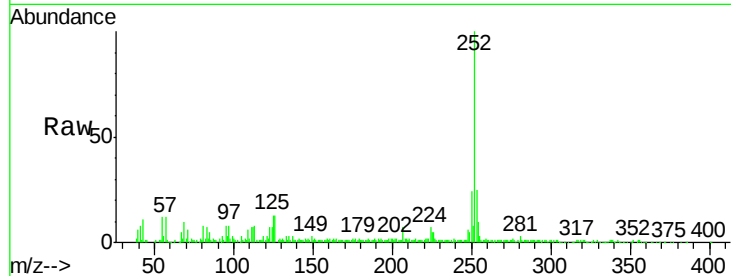
#88
Benzo(b)fluoranthene
Concen: 8.182 ng m
RT: 14.87 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-B

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.0	27.0
125	12.8	10.2	15.2

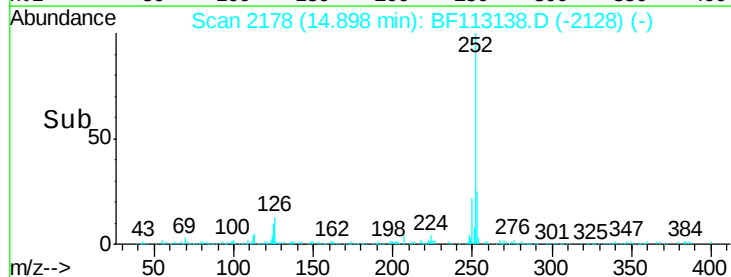
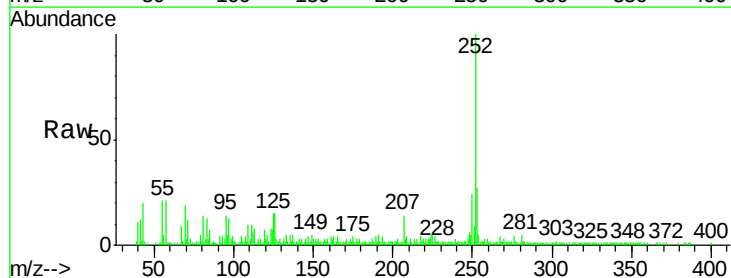
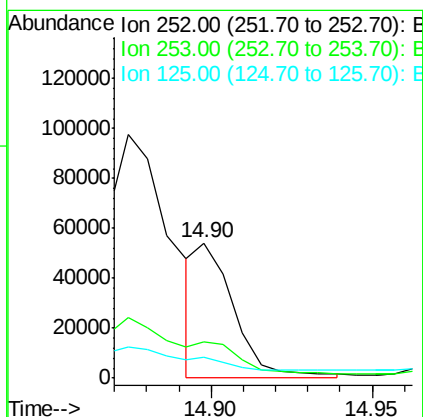
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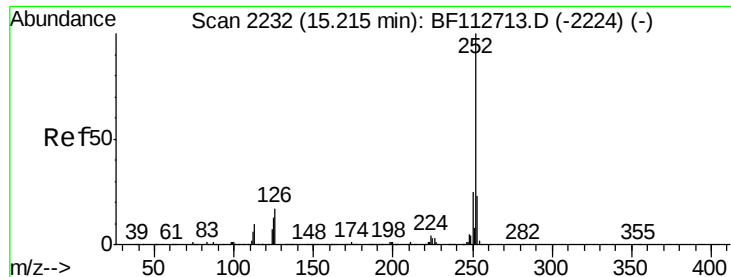
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#89
Benzo(k)fluoranthene
Concen: 2.959 ng m
RT: 14.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.2	27.2
125	15.3	9.8	14.6





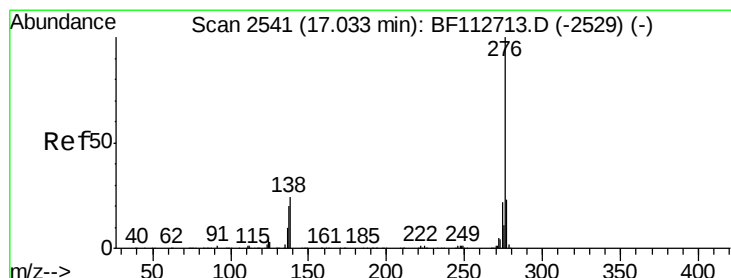
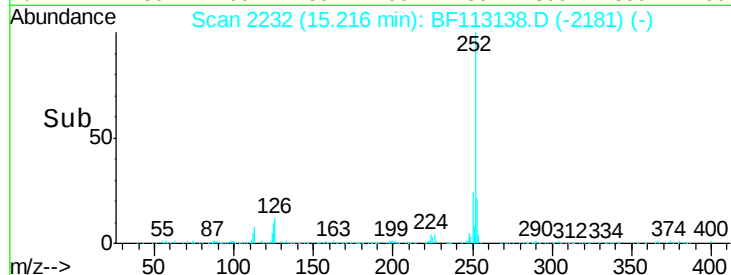
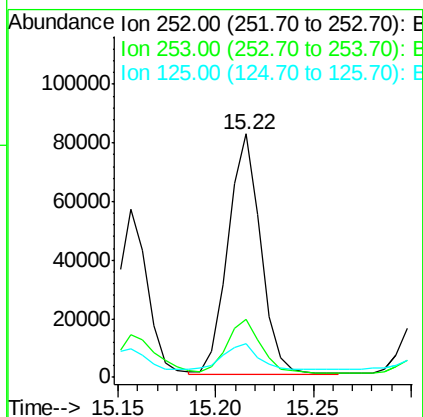
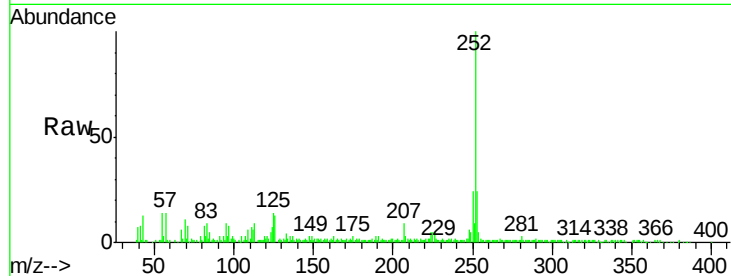
#90
Benzo(a)pyrene
Concen: 6.463 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-B

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	13.6	10.7	16.1

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.330 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.1	18.6	27.8#
138	23.6	19.4	29.0

