

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF032218\
 Data File : BF103856.D
 Acq On : 22 Mar 2018 17:13
 Operator : JU/SJ
 Sample : J1756-09 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-032018-B

Manual Integrations
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Quant Time: Mar 23 01:12:25 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 11:56:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	152277	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	620711	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	282126	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	436580	20.00	ng	0.00
75) Chrysene-d12	14.16	240	316764	20.00	ng	0.00
86) Perylene-d12	15.71	264	280871	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	503016	50.24	ng	0.00
7) Phenol-d6	6.59	99	620775	50.68	ng	-0.01
23) Nitrobenzene-d5	7.53	82	357169	40.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	137602	56.73	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	688682	38.94	ng	0.00
78) Terphenyl-d14	13.09	244	514641	37.71	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.96	142	46777	2.352	ng	99
49) Dimethylphthalate	9.72	163	51772	2.405	ng	99
57) Fluorene	10.56	166	64696	3.393	ng	98
70) Phenanthrene	11.53	178	339596	14.220	ng	99
71) Anthracene	11.58	178	93882	3.870	ng	99
74) Fluoranthene	12.73	202	398551	16.199	ng	97
77) Pyrene	12.96	202	409183	17.589	ng	99
80) Benzo(a)anthracene	14.15	228	194935	9.722	ng	95
82) Chrysene	14.19	228	188630	9.869	ng	97
85) Indeno(1,2,3-cd)pyrene	17.28	276	71656	4.293	ng	94
87) Benzo(b)fluoranthene	15.24	252	200532m	11.301	ng	
88) Benzo(k)fluoranthene	15.27	252	67731m	3.971	ng	
89) Benzo(a)pyrene	15.64	252	150686	9.362	ng	# 94
91) Benzo(g,h,i)perylene	17.77	276	72967	5.382	ng	96

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

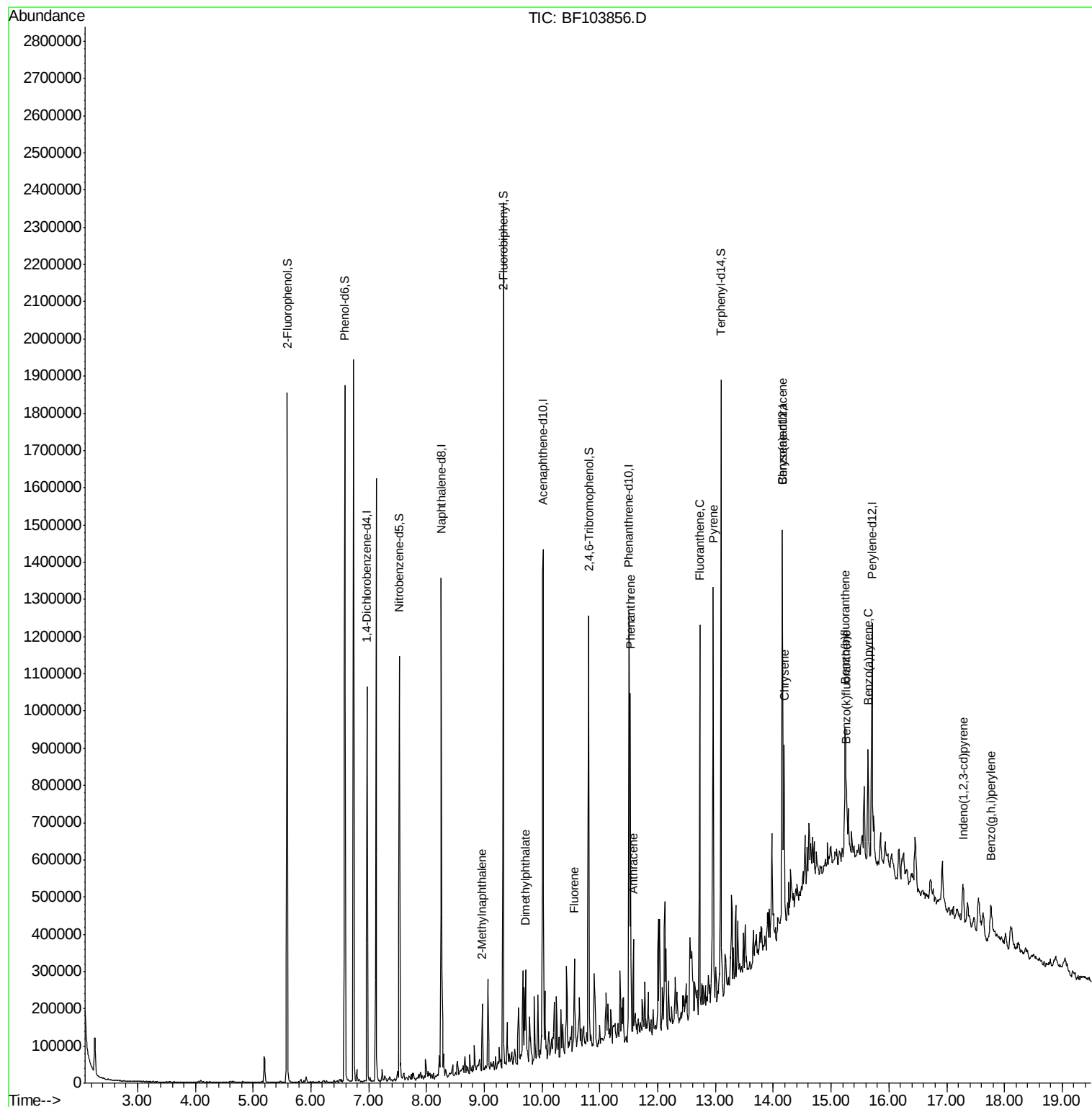
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF032218\
Data File : BF103856.D
Acq On : 22 Mar 2018 17:13
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ALS Vial : 18 Sample Multiplier: 1

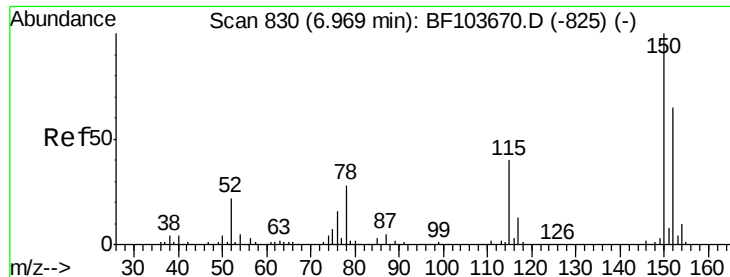
Instrument :
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OR-03-032018-B

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Quant Time: Mar 23 01:12:25 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

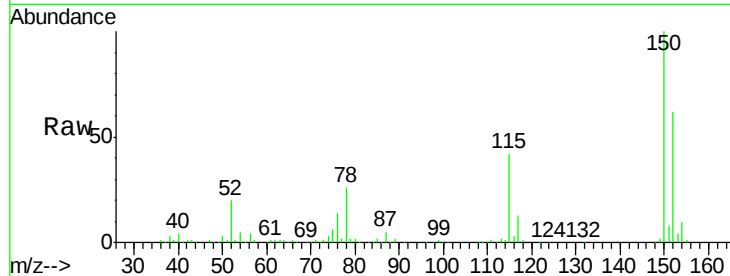
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103856.D
Acq: 22 Mar 2018 17:13

Instrument :
BNA_F
ClientSampleId :
OR-03-032018-B

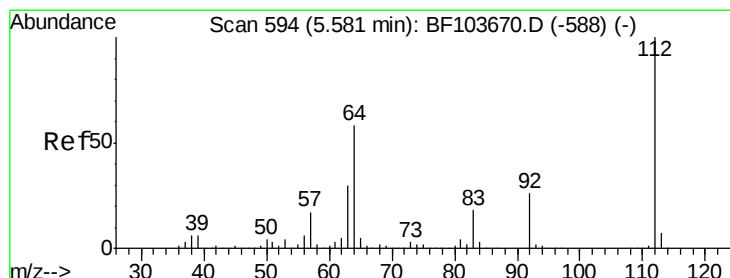
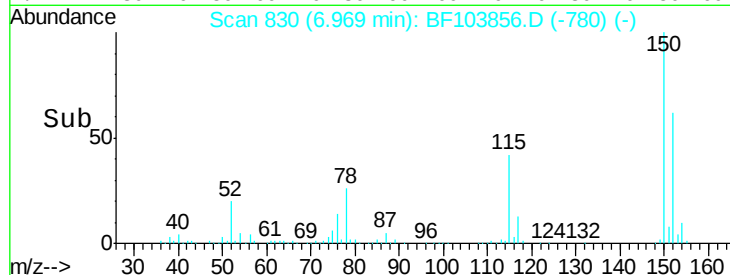
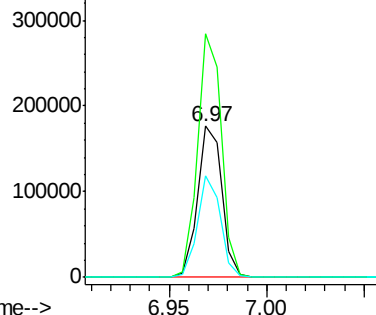
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.6	186.8
115	67.2	50.1	75.1

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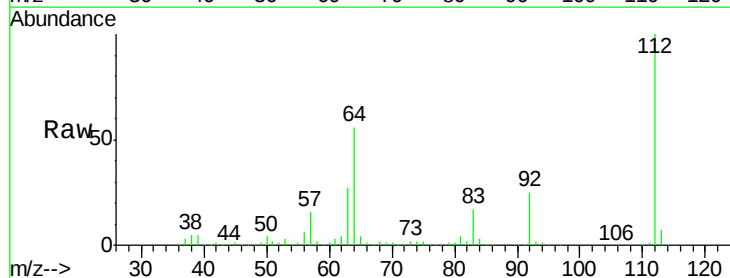
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



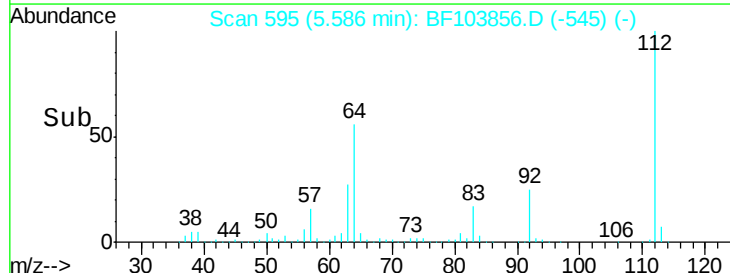
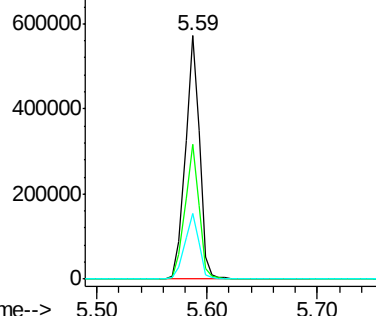
#5

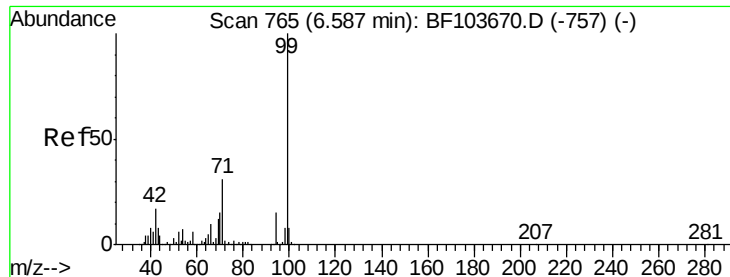
2-Fluorophenol
Concen: 50.243 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF103856.D
Acq: 22 Mar 2018 17:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.9	71.9
63	27.2	23.7	35.5



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: 50.681 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF103856.D

Acq: 22 Mar 2018 17:13

Instrument :

BNA_F

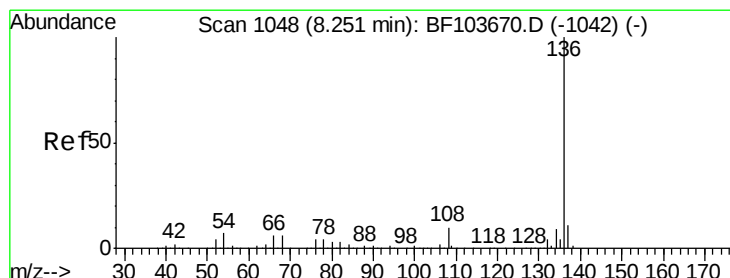
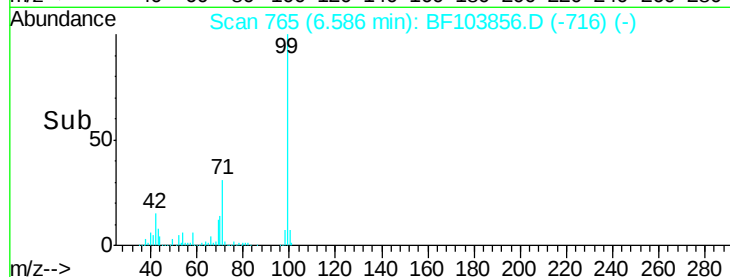
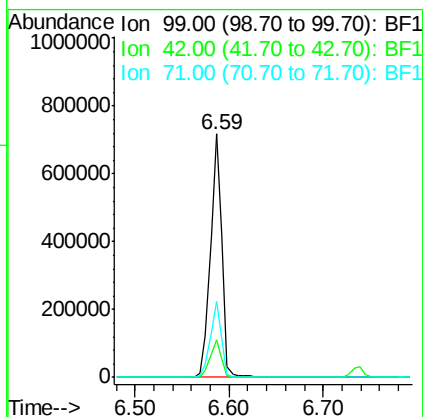
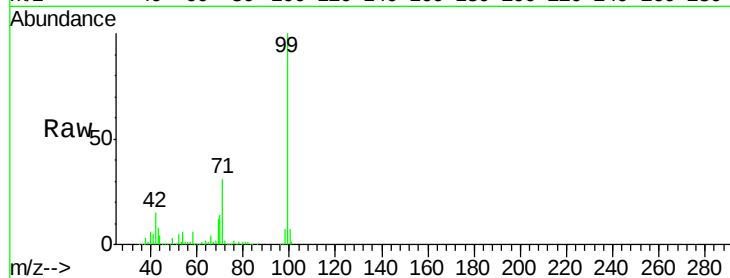
ClientSampleId :

OR-03-032018-B

Tgt Ion:	99	Resp:	620775
Ion Ratio	Lower	Upper	
99	100		
42	15.4	14.5	21.7
71	31.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

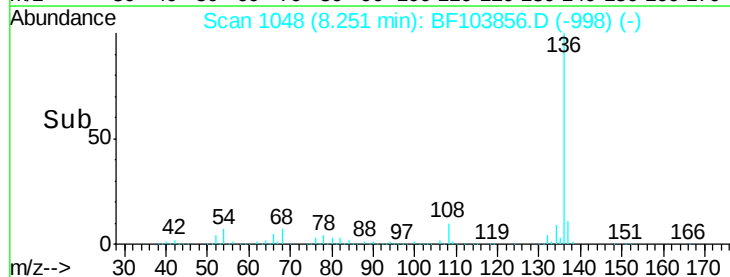
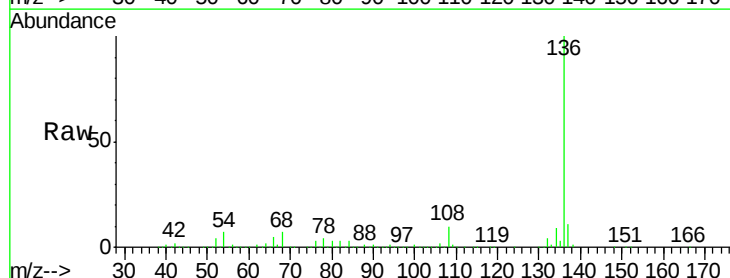
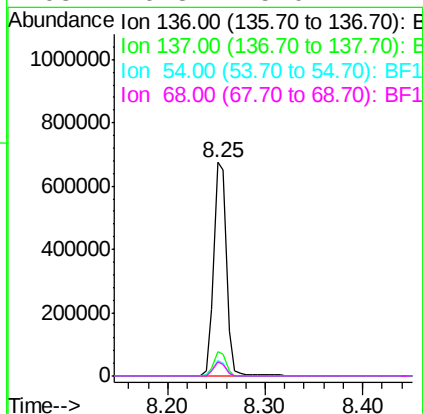
RT: 8.25 min Scan# 1048

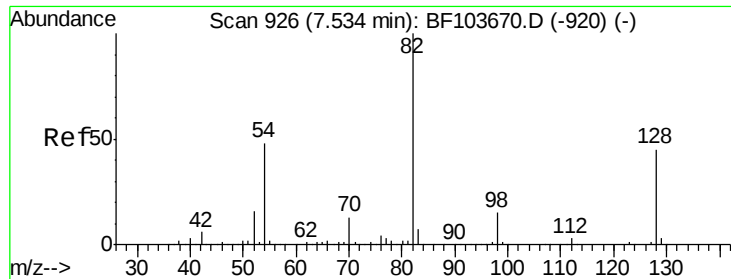
Delta R.T. -0.01 min

Lab File: BF103856.D

Acq: 22 Mar 2018 17:13

Tgt Ion:	136	Resp:	620711
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.9	13.3
54	7.5	6.6	9.8
68	6.8	5.0	7.4





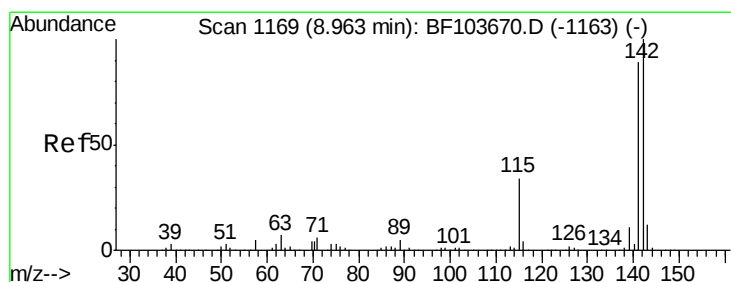
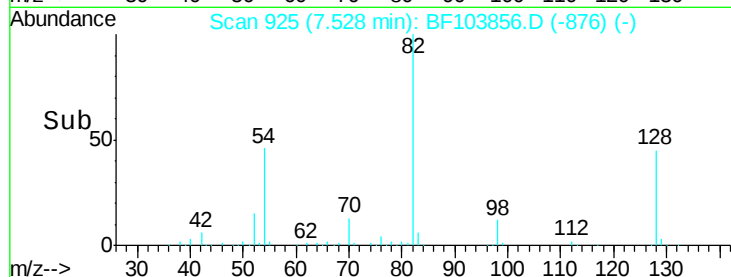
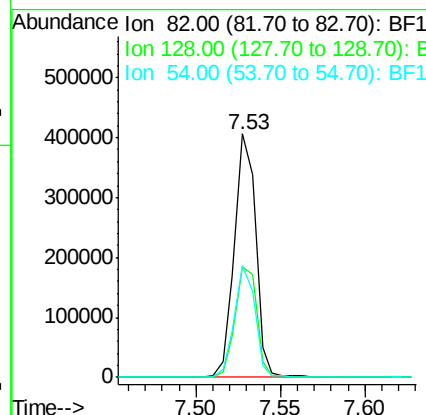
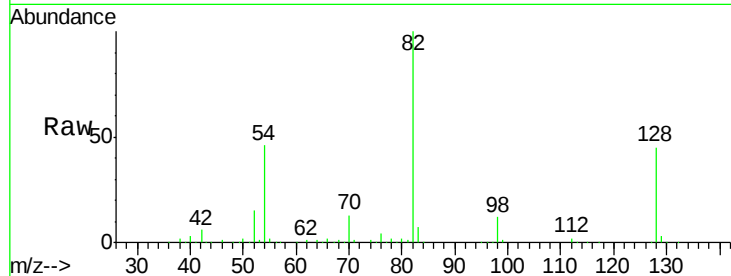
#23
 Nitrobenzene-d5
 Concen: 40.127 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF103856.D
 Acq: 22 Mar 2018 17:13

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-032018-B

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	45.7	41.4	62.2

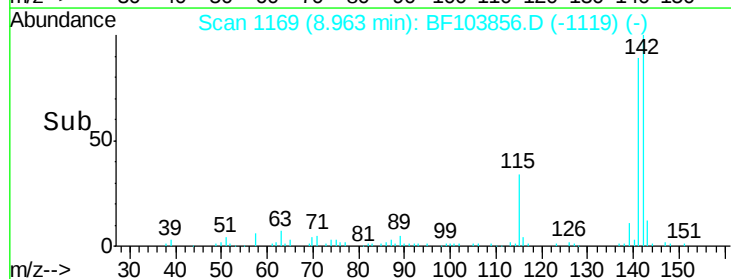
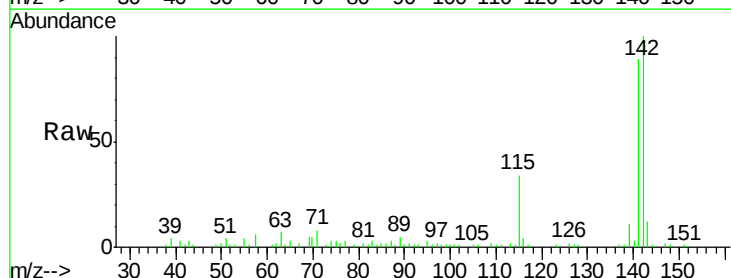
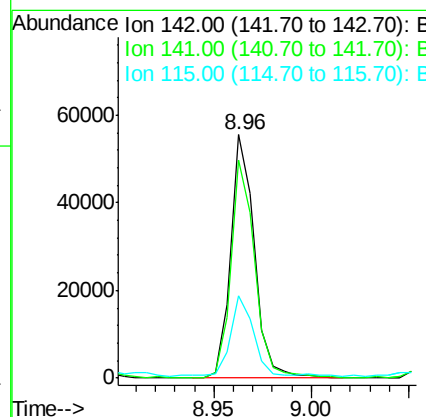
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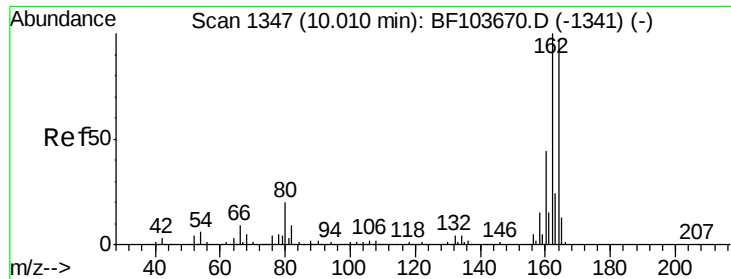
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#37
 2-Methylnaphthalene
 Concen: 2.352 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF103856.D
 Acq: 22 Mar 2018 17:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	33.7	26.1	39.1





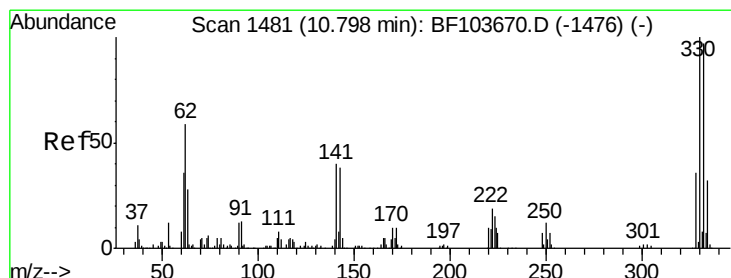
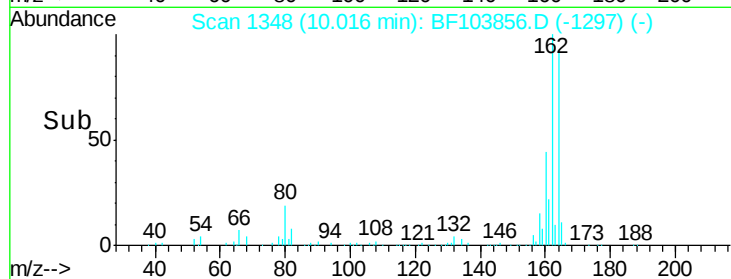
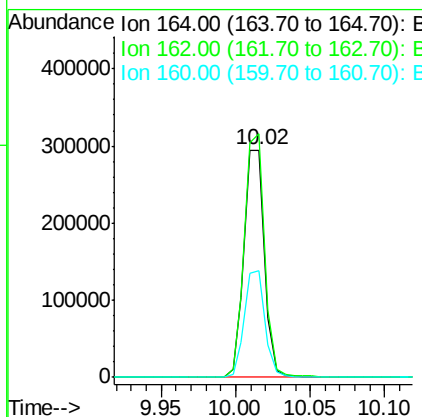
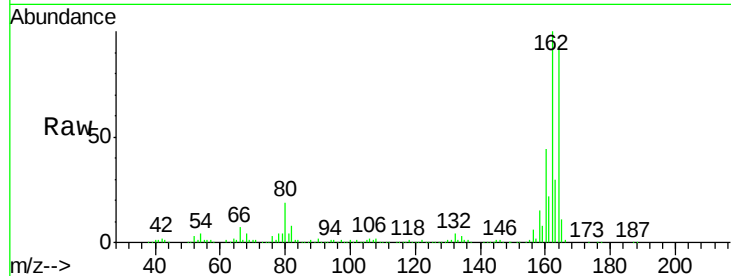
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: BF103856.D
 Acq: 22 Mar 2018 17:13

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-032018-B

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	282126		
162	107.0	86.1	129.1	
160	46.7	38.3	57.5	

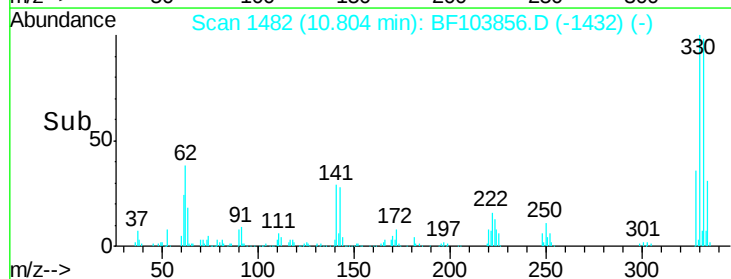
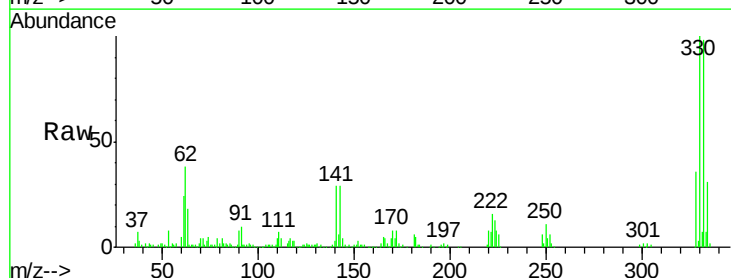
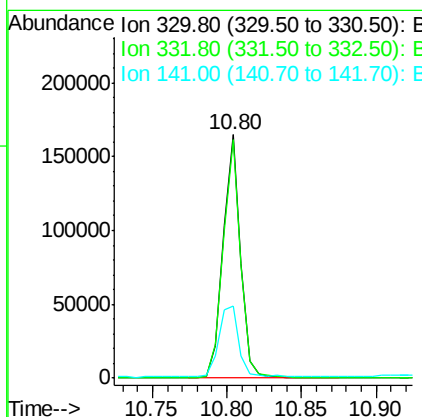
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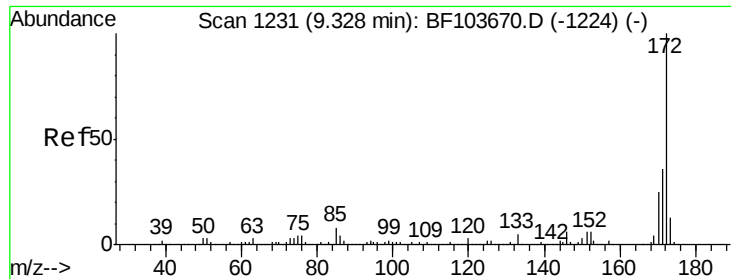
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#41
 2,4,6-Tribromophenol
 Concen: 56.726 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF103856.D
 Acq: 22 Mar 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	137602		
332	98.2	77.0	115.6	
141	34.4	29.9	44.9	





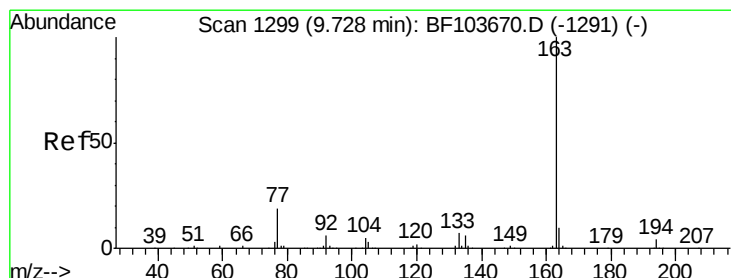
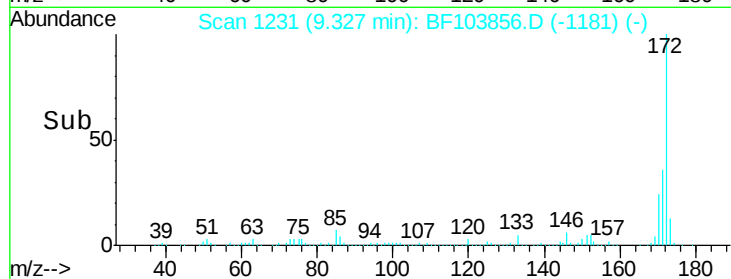
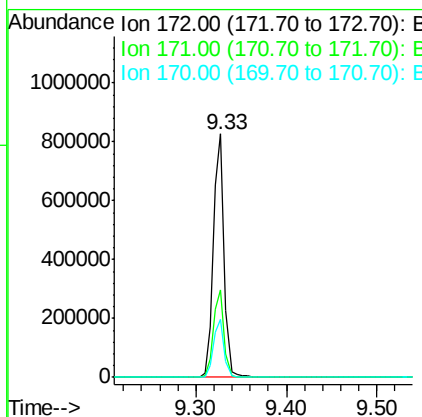
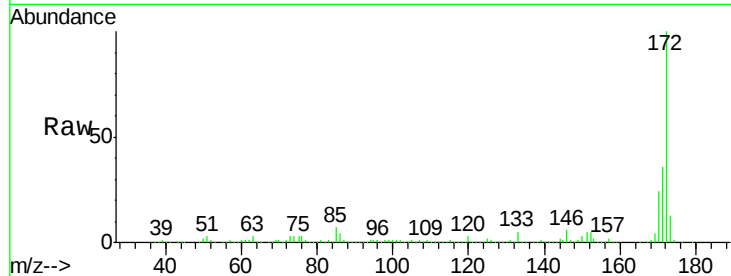
#44
 2-Fluorobiphenyl
 Concen: 38.938 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103856.D
 Acq: 22 Mar 2018 17:13

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-032018-B

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	688682		
171	36.0		29.7	44.5
170	23.8		19.6	29.4

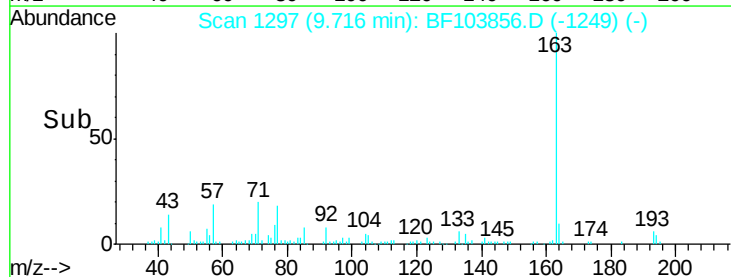
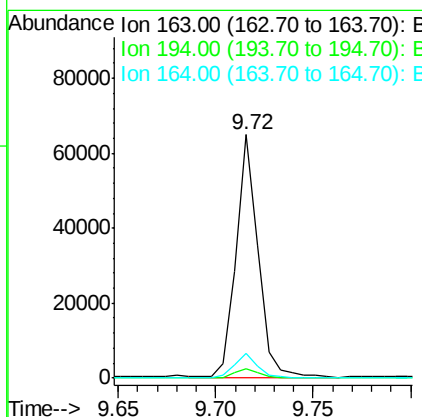
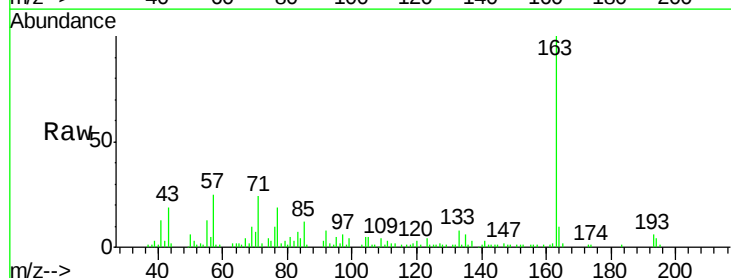
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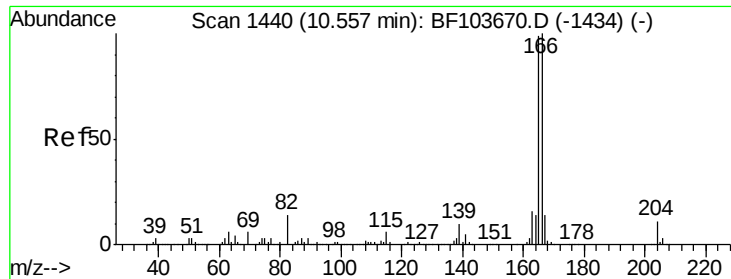
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#49
 Dimethylphthalate
 Concen: 2.405 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF103856.D
 Acq: 22 Mar 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	51772		
194	3.9		2.7	4.1
164	10.1		8.2	12.2





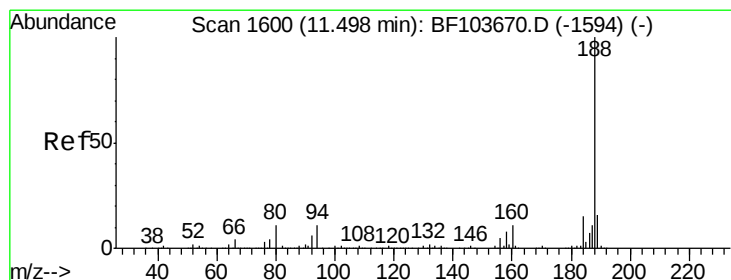
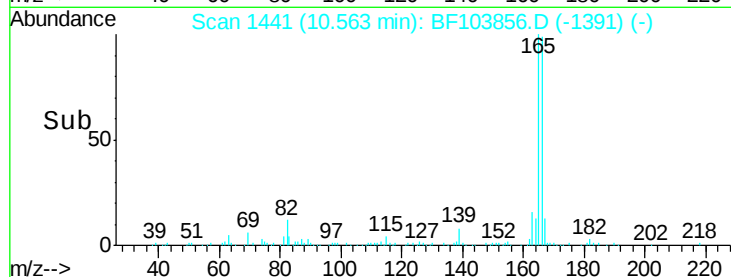
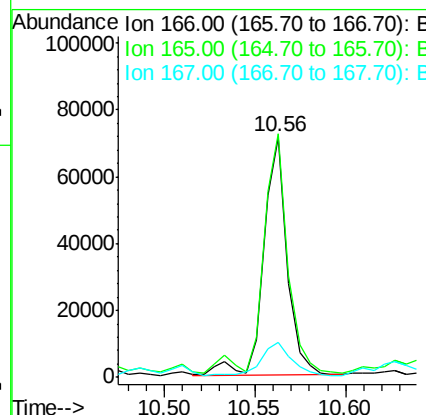
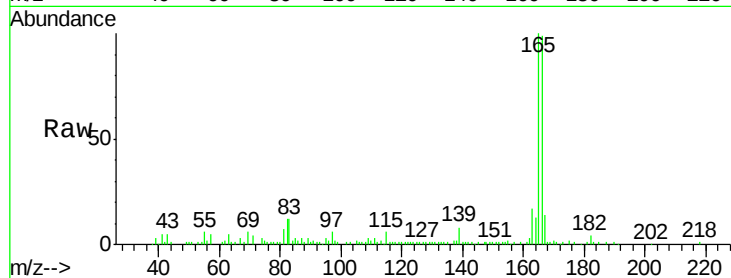
#57
Fluorene
 Concen: 3.393 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF103856.D
 Acq: 22 Mar 2018 17:13

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-032018-B

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.3	79.8	119.8
167	14.5	10.6	16.0

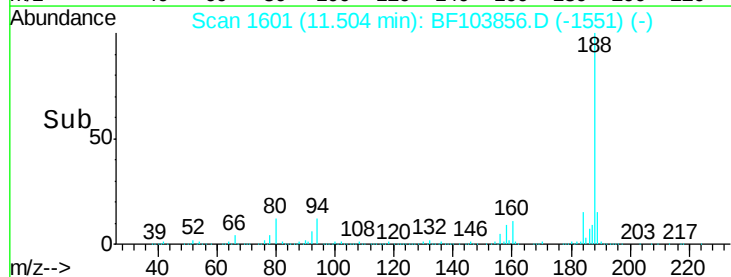
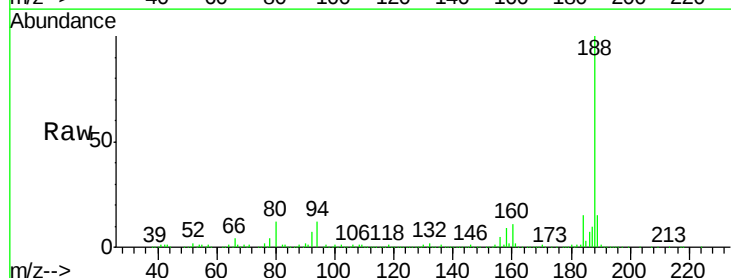
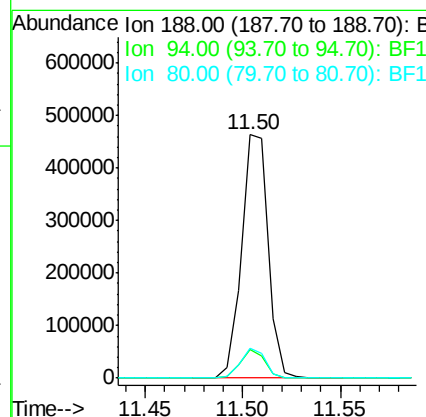
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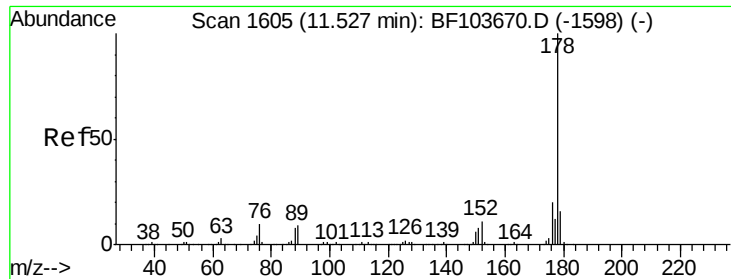
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF103856.D
 Acq: 22 Mar 2018 17:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.0	8.5	12.7
80	12.2	9.2	13.8





#70

Phenanthrene

Concen: 14.220 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BF103856.D

Acq: 22 Mar 2018 17:13

Instrument :

BNA_F

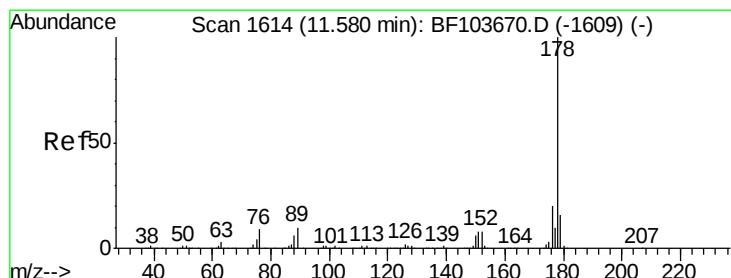
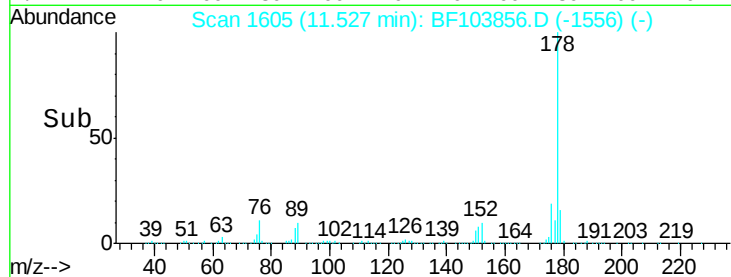
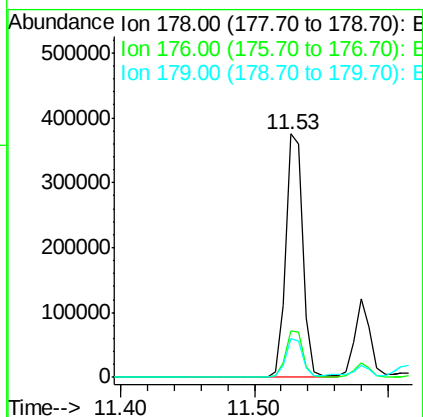
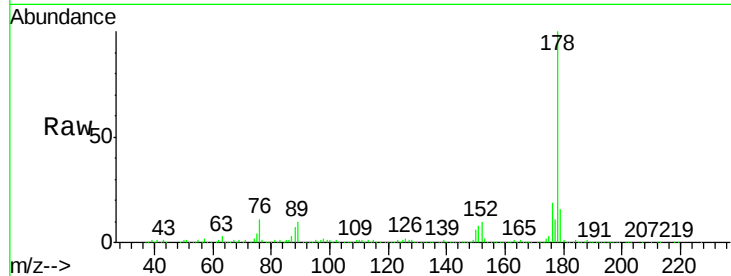
ClientSampleId :

OR-03-032018-B

Tgt Ion:	178	Resp:	339596
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.8	23.8
179	15.7	13.0	19.6

Manual Integrations
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#71

Anthracene

Concen: 3.870 ng

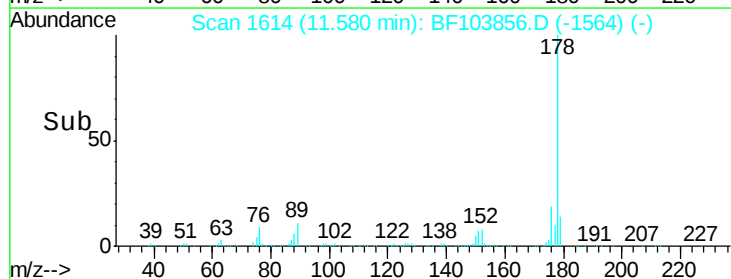
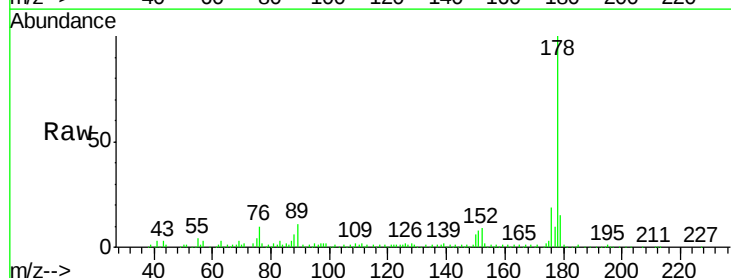
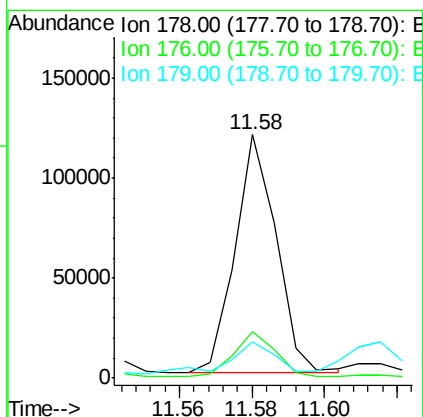
RT: 11.58 min Scan# 1614

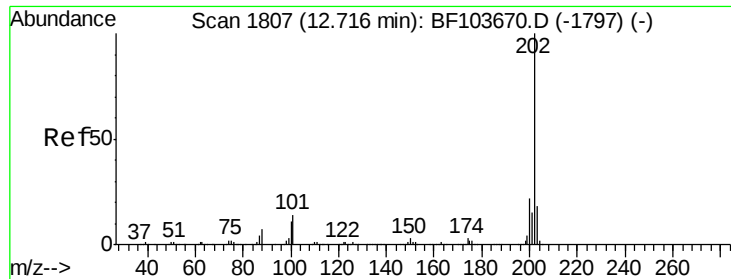
Delta R.T. -0.01 min

Lab File: BF103856.D

Acq: 22 Mar 2018 17:13

Tgt Ion:	178	Resp:	93882
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.4	23.2
179	15.0	12.6	19.0





#74

Fluoranthene

Concen: 16.199 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BF103856.D

Acq: 22 Mar 2018 17:13

Instrument :

BNA_F

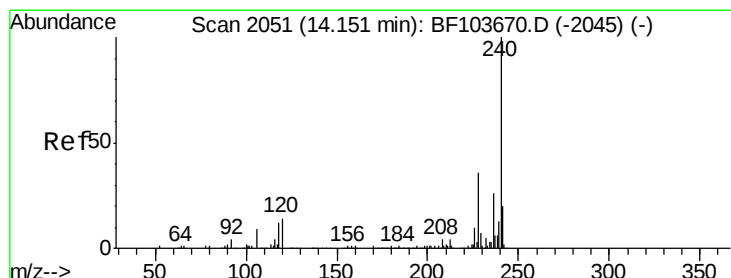
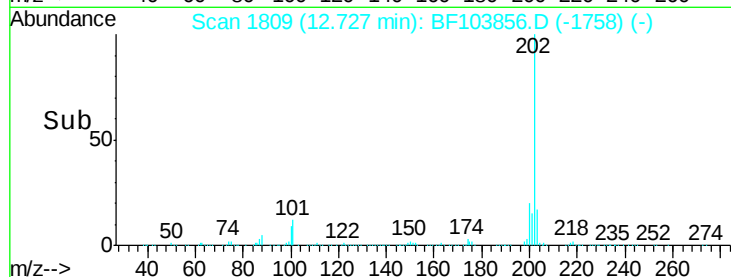
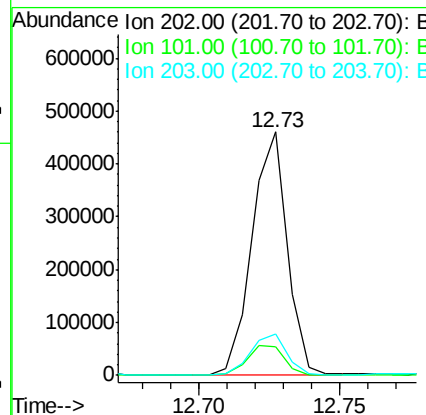
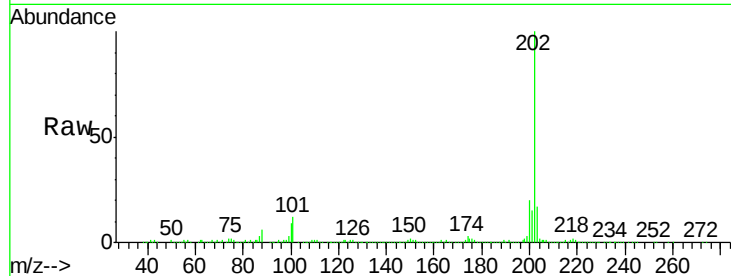
ClientSampleId :

OR-03-032018-B

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	398551		
101	11.9	0.0	34.1	
203	17.2	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

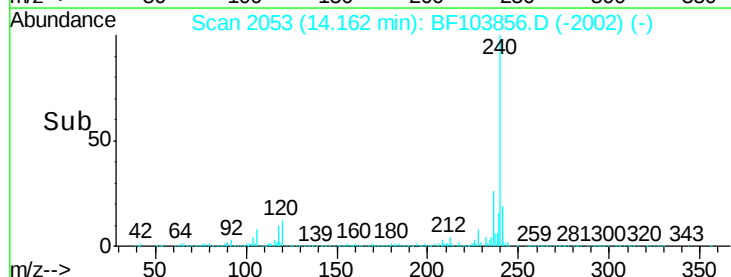
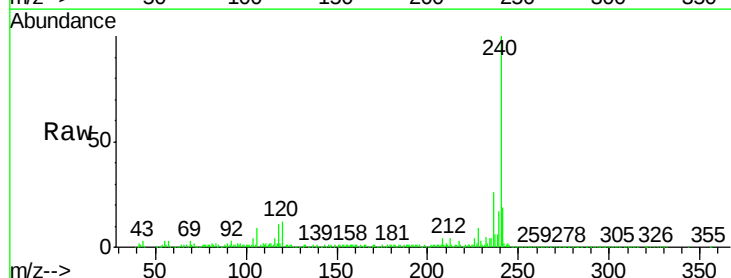
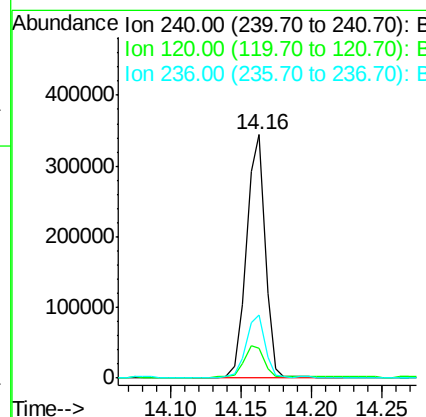
RT: 14.16 min Scan# 2053

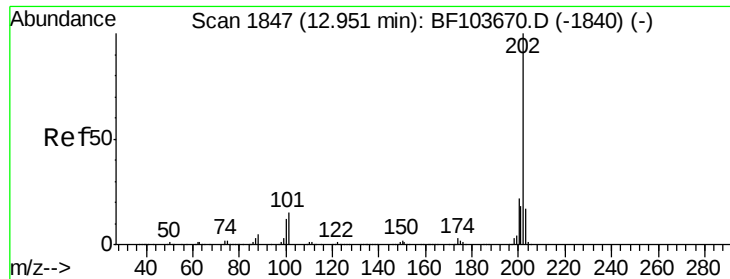
Delta R.T. -0.00 min

Lab File: BF103856.D

Acq: 22 Mar 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	316764		
120	12.4	9.5	14.3	
236	25.9	20.7	31.1	





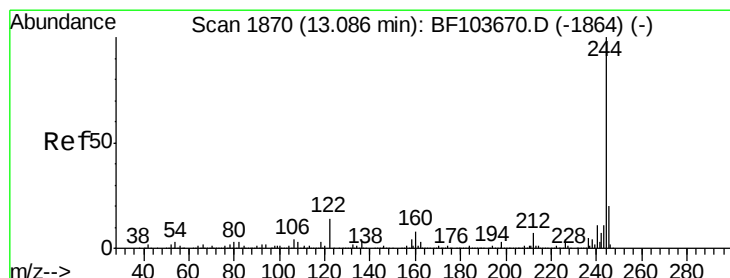
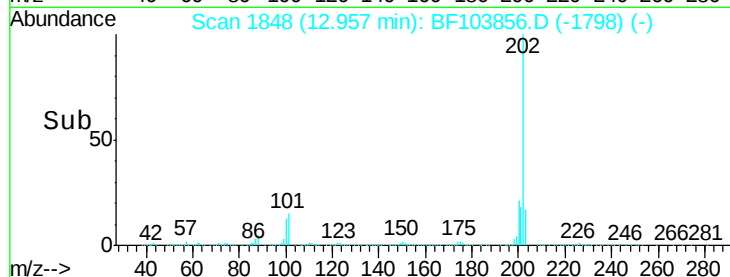
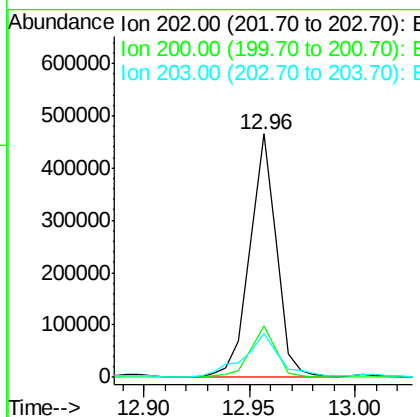
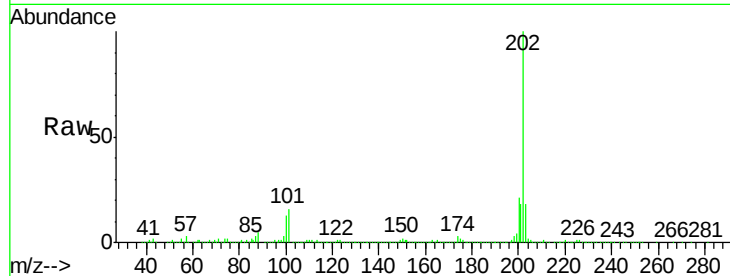
#77
 Pyrene
 Concen: 17.589 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF103856.D
 Acq: 22 Mar 2018 17:13

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-032018-B

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	409183		
200	21.5	17.4	26.2	
203	18.2	14.3	21.5	

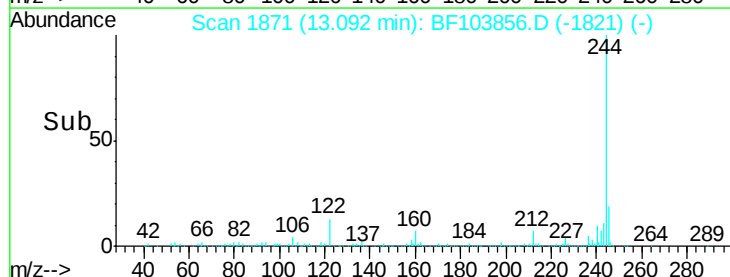
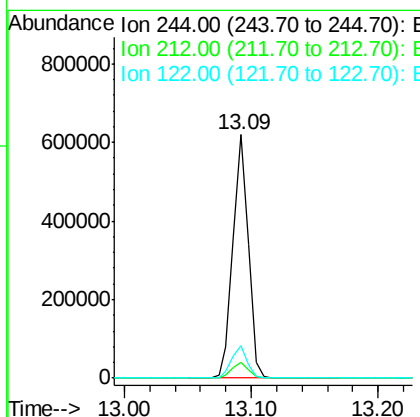
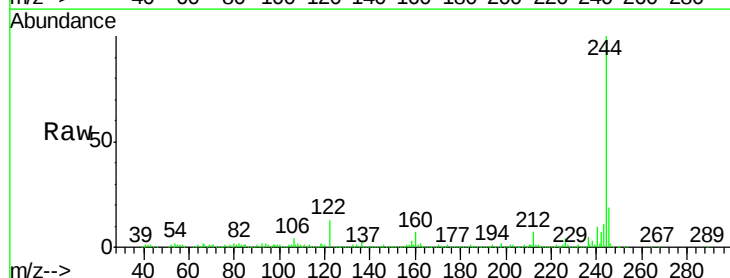
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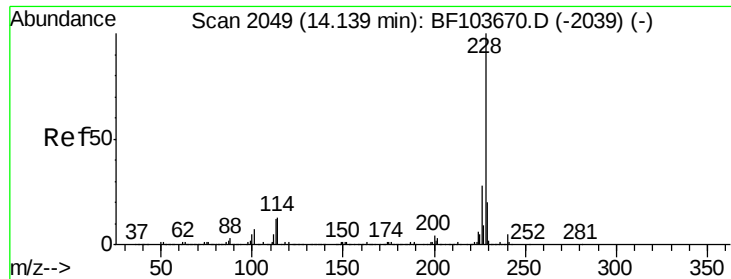
Sohil
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#78
 Terphenyl-d14
 Concen: 37.711 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF103856.D
 Acq: 22 Mar 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	514641		
212	6.7	5.4	8.0	
122	13.1	11.0	16.4	





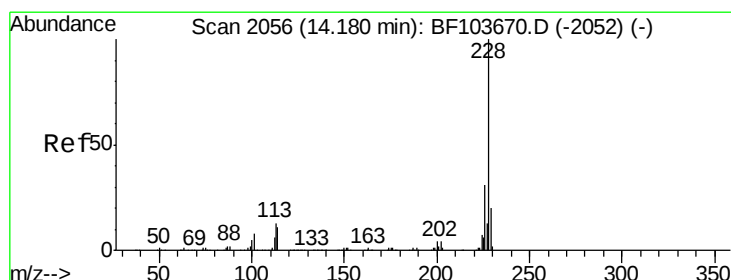
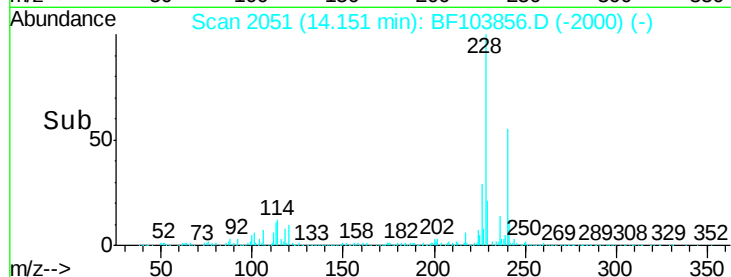
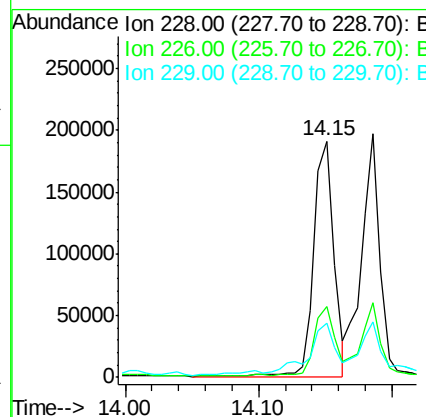
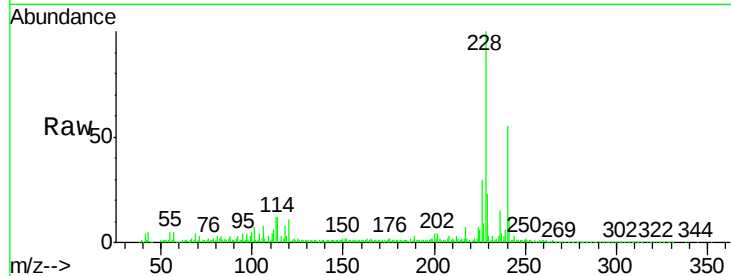
#80
Benzo(a)anthracene
Concen: 9.722 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF103856.D
Acq: 22 Mar 2018 17:13

Instrument :
BNA_F
ClientSampleId :
OR-03-032018-B

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	23.0	15.8	23.6

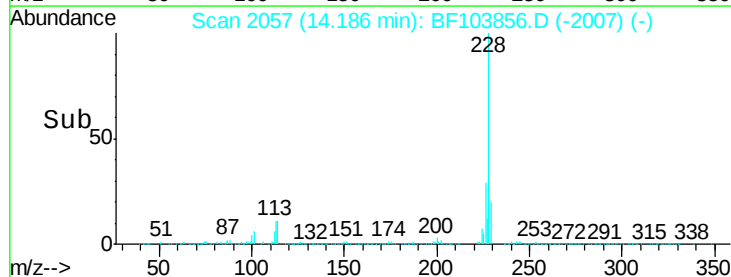
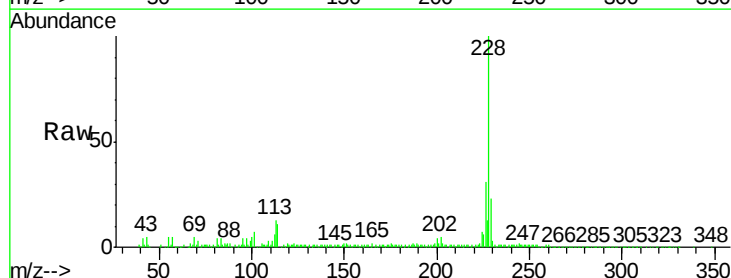
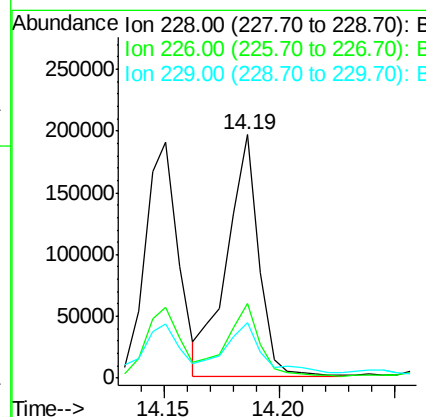
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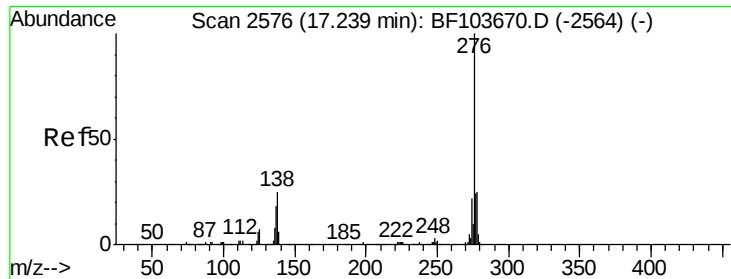
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#82
Chrysene
Concen: 9.869 ng
RT: 14.19 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BF103856.D
Acq: 22 Mar 2018 17:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	22.8	16.2	24.4





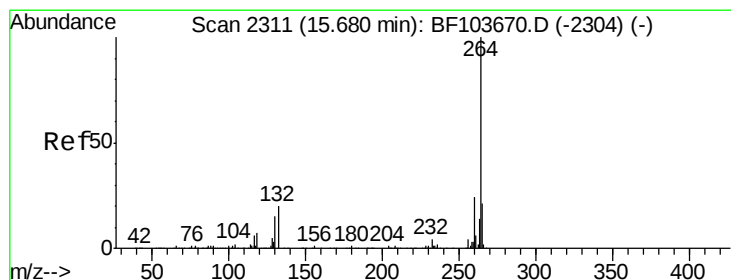
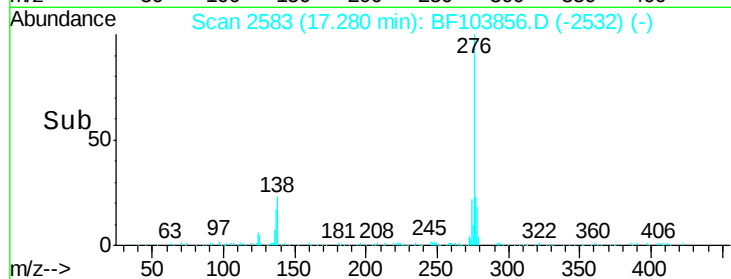
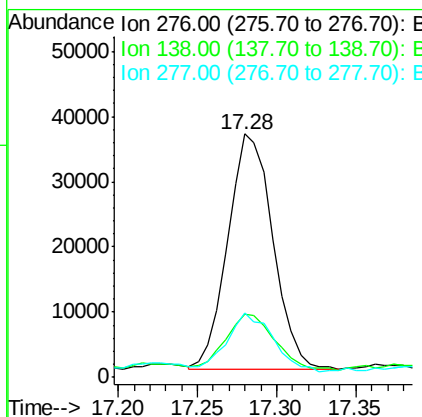
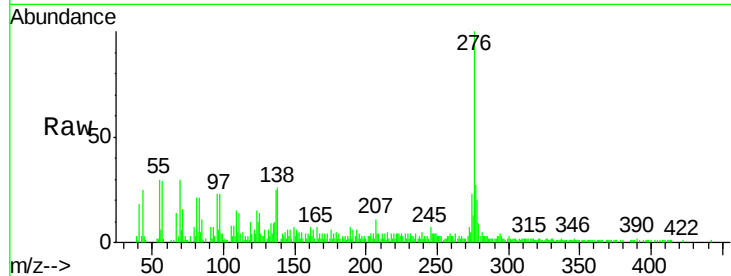
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.293 ng
 RT: 17.28 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: BF103856.D
 Acq: 22 Mar 2018 17:13

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-032018-B

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.8	25.0	37.6
277	24.6	20.1	30.1

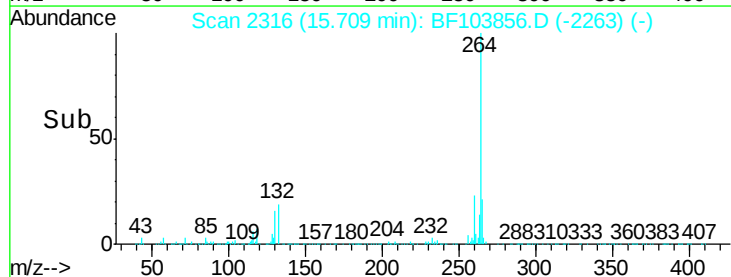
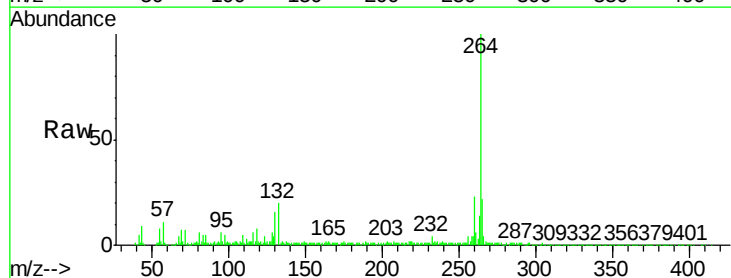
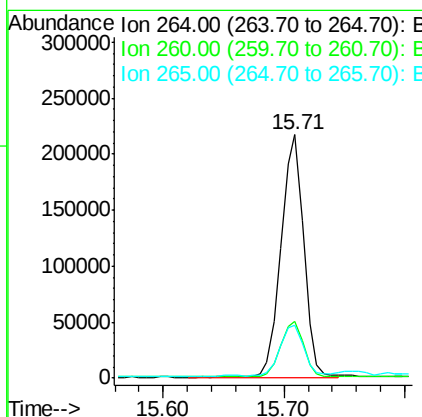
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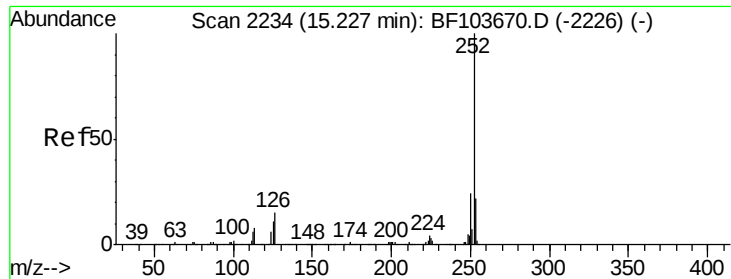
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2316
 Delta R.T. 0.01 min
 Lab File: BF103856.D
 Acq: 22 Mar 2018 17:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.7	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 11.301 ng m

RT: 15.24 min Scan# 2237

Delta R.T. -0.00 min

Lab File: BF103856.D

Acq: 22 Mar 2018 17:13

Instrument :

BNA_F

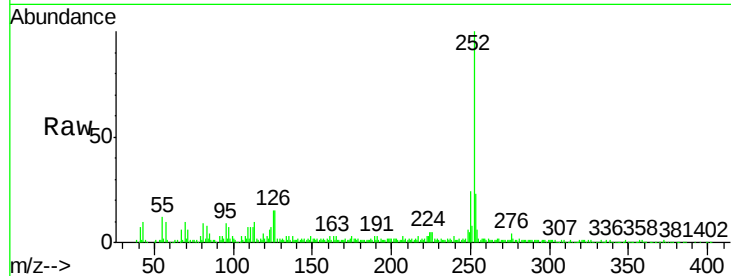
ClientSampleId :

OR-03-032018-B

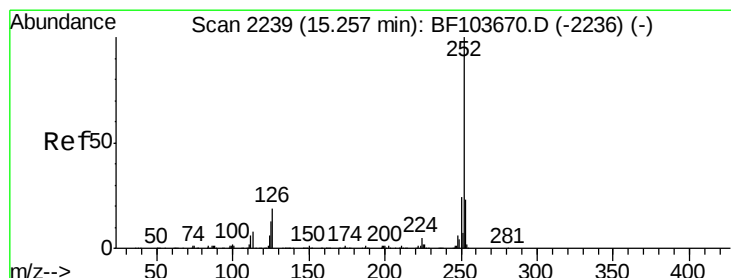
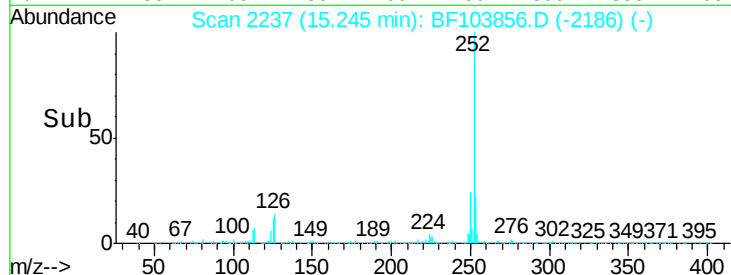
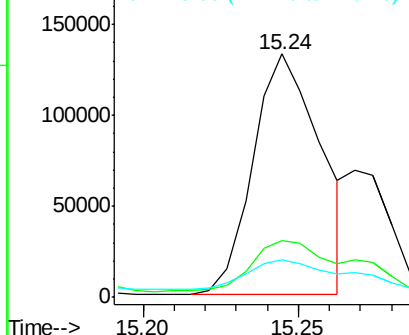
Tgt Ion:	252	Resp:	200532
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.0	25.6
125	15.2	9.0	13.6#

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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



#88

Benzo(k)fluoranthene

Concen: 3.971 ng m

RT: 15.27 min Scan# 2241

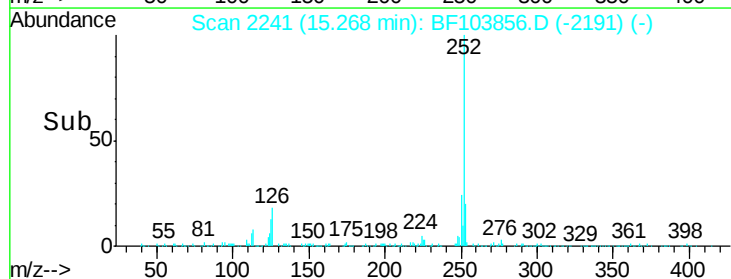
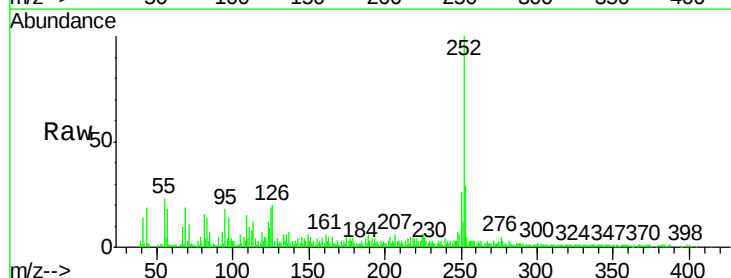
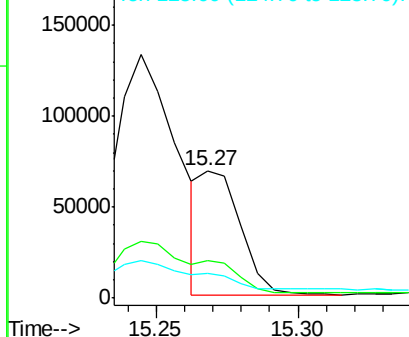
Delta R.T. -0.01 min

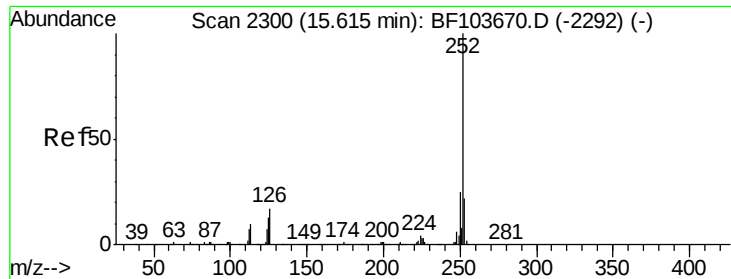
Lab File: BF103856.D

Acq: 22 Mar 2018 17:13

Tgt Ion:	252	Resp:	67731
Ion Ratio	Lower	Upper	
252	100		
253	29.4	17.9	26.9#
125	19.2	10.2	15.2#

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





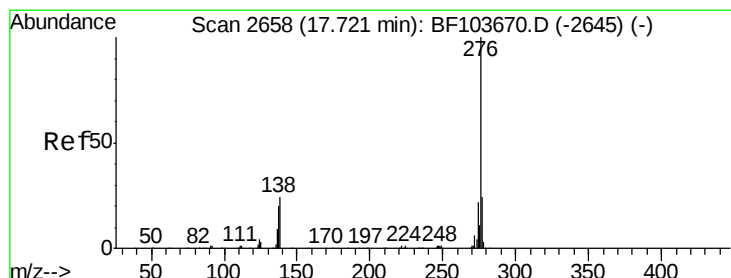
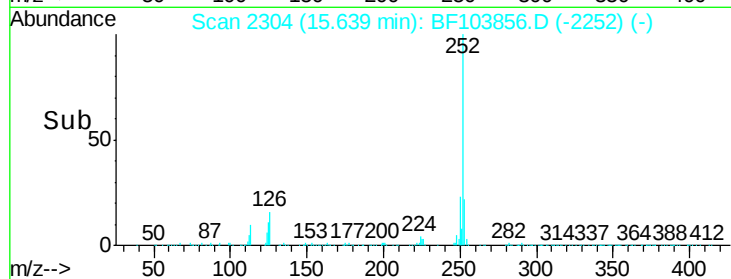
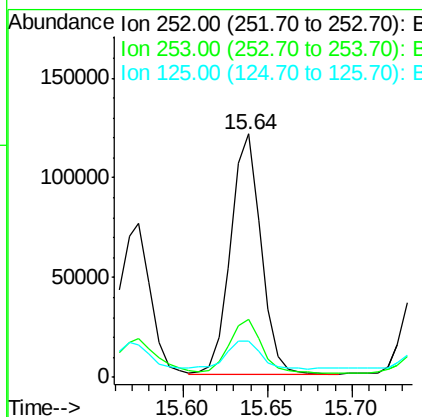
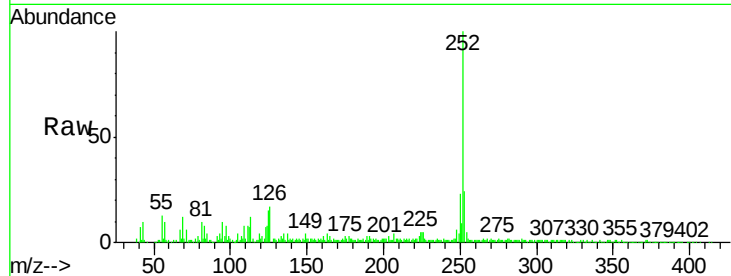
#89
Benzo(a)pyrene
Concen: 9.362 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.01 min
Lab File: BF103856.D
Acq: 22 Mar 2018 17:13

Instrument :
BNA_F
ClientSampleId :
OR-03-032018-B

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.8	17.1	25.7
125	14.8	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 5.382 ng
RT: 17.77 min Scan# 2666
Delta R.T. 0.01 min
Lab File: BF103856.D
Acq: 22 Mar 2018 17:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.0	17.9	26.9
138	30.1	21.8	32.8

