

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100939.D
 Acq On : 28 Nov 2017 17:39
 Operator : SJ/JU
 Sample : I6610-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(10-12)-20171127

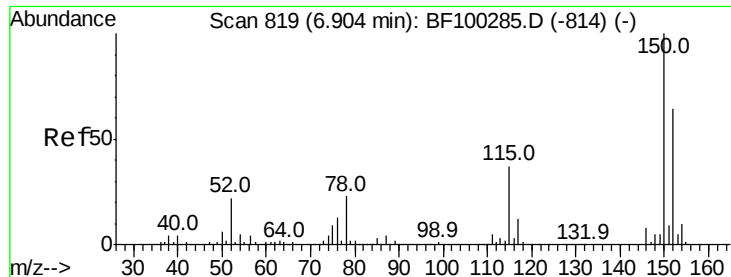
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Quant Time: Nov 29 07:18:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	63640	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	235513	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	95207	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	145059	20.00	ng	0.00
75) Chrysene-d12	14.02	240	143475	20.00	ng	0.00
86) Perylene-d12	15.49	264	150134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	411416	103.63	ng	0.00
7) Phenol-d6	6.49	99	475445	97.12	ng	0.00
23) Nitrobenzene-d5	7.42	82	288434	80.97	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	98407	101.43	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	574221	91.84	ng	0.00
78) Terphenyl-d14	12.96	244	403802	64.67	ng	0.00
Target Compounds						
10) Phenol	6.50	94	14723	2.865	ng	# 65
49) Dimethylphthalate	9.60	163	35761	4.920	ng	# 98
70) Phenanthrene	11.40	178	150764	19.740	ng	97
71) Anthracene	11.46	178	26574	3.429	ng	97
74) Fluoranthene	12.60	202	203663	25.161	ng	93
77) Pyrene	12.83	202	180706	17.669	ng	96
80) Benzo(a)anthracene	14.01	228	96597	11.180	ng	98
82) Chrysene	14.04	228	88698	10.601	ng	95
83) Bis(2-ethylhexyl)phthalate	13.99	149	13962	2.545	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.96	276	35789m	5.288	ng	
87) Benzo(b)fluoranthene	15.06	252	106692m	11.995	ng	
88) Benzo(k)fluoranthene	15.09	252	33343m	3.967	ng	
89) Benzo(a)pyrene	15.43	252	66622	8.449	ng	98
91) Benzo(a,h,i)perylene	17.41	276	32085	5.083	ng	94

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



#1

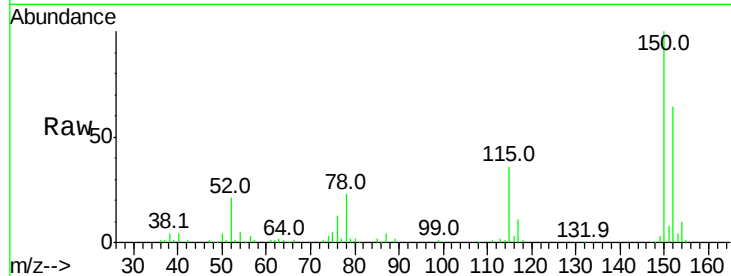
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :
SB-5(10-12)-20171127

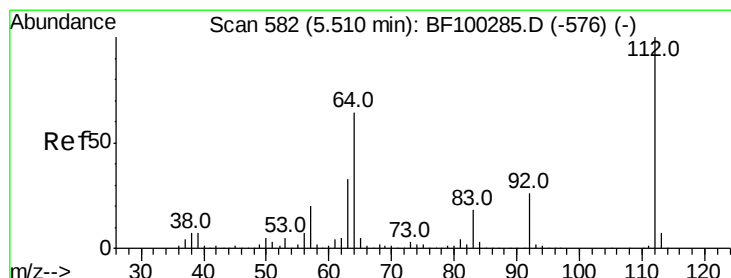
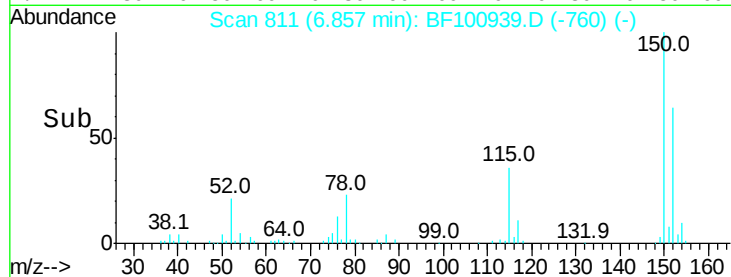
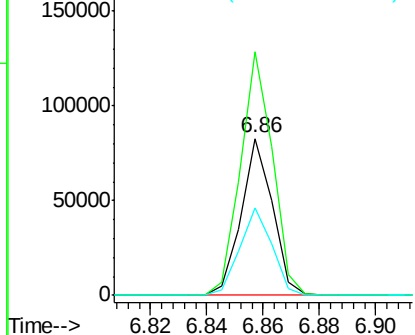
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	56.1	50.1	75.1

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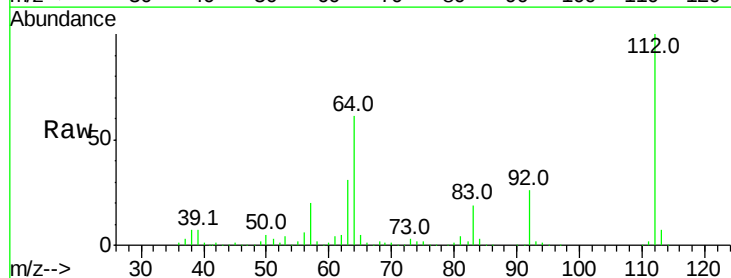
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



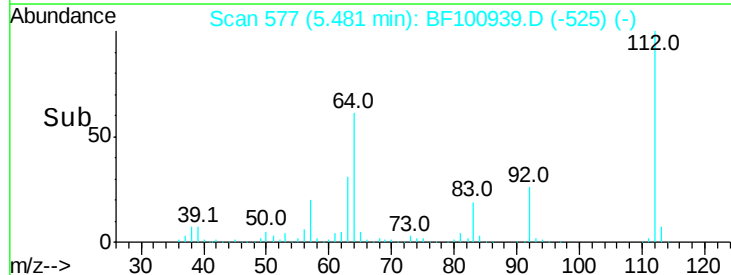
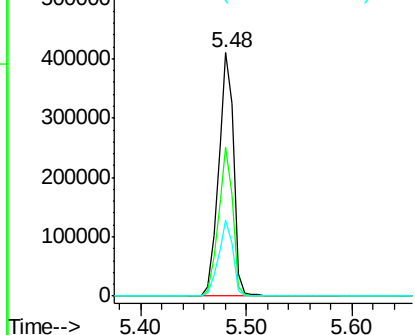
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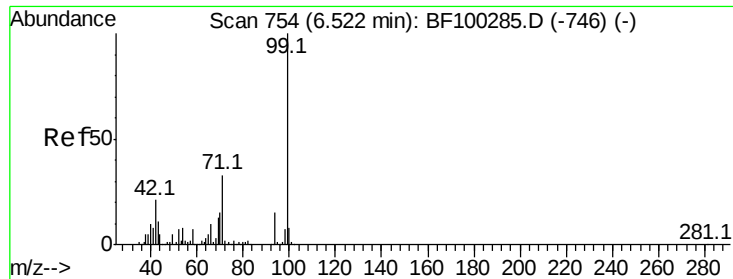
2-Fluorophenol
Concen: 103.629 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	47.9	71.9
63	31.3	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: 97.116 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF100939.D

Acq: 28 Nov 2017 17:39

Instrument :

BNA_F

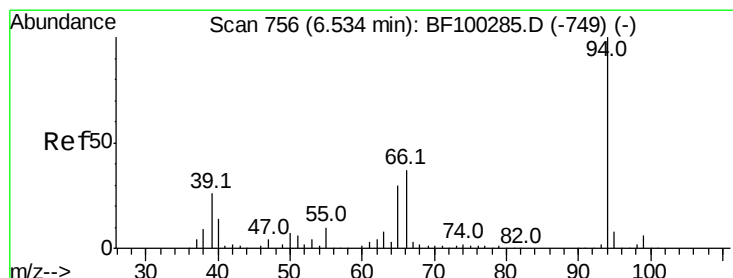
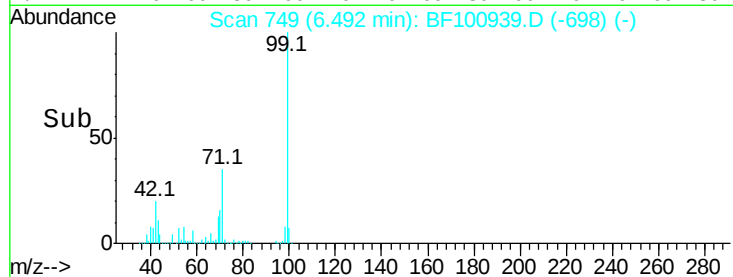
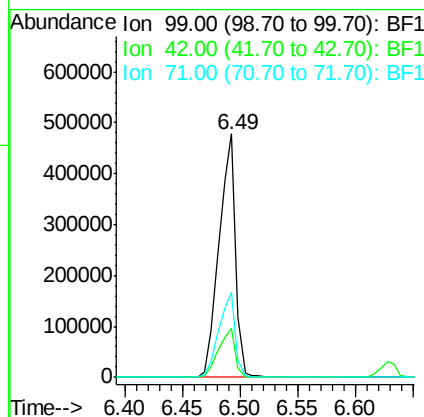
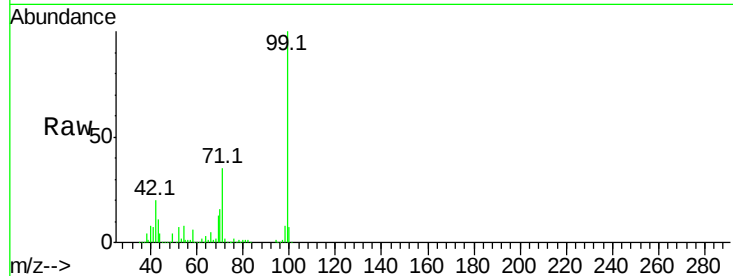
ClientSampleId :

SB-5(10-12)-20171127

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		475445		
42	20.3	14.5	21.7		
71	34.9	25.4	38.0		

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#10

Phenol

Concen: 2.865 ng

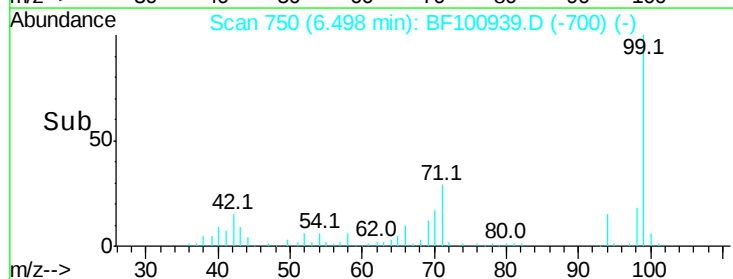
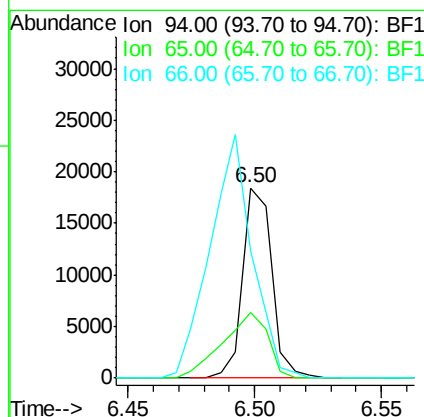
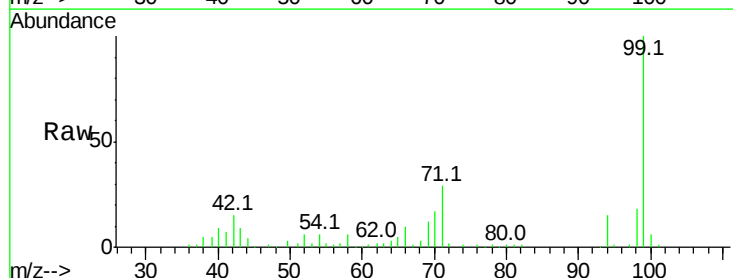
RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100939.D

Acq: 28 Nov 2017 17:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		14723		
65	34.7	7.9	47.9		
66	66.8	16.2	56.2		





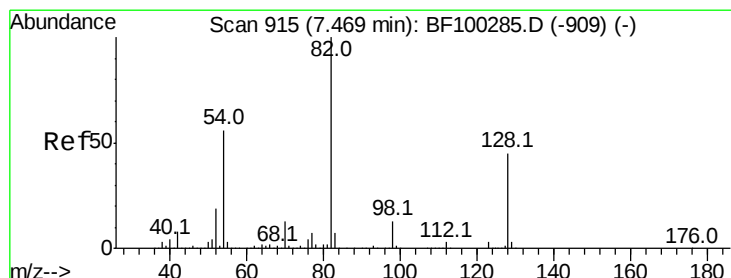
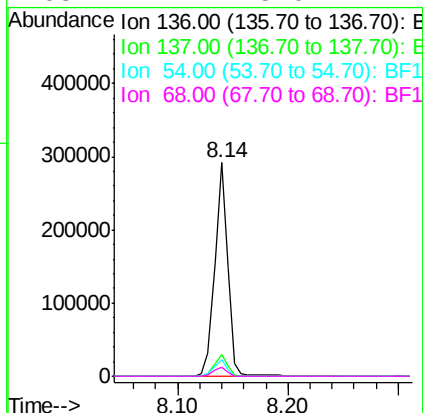
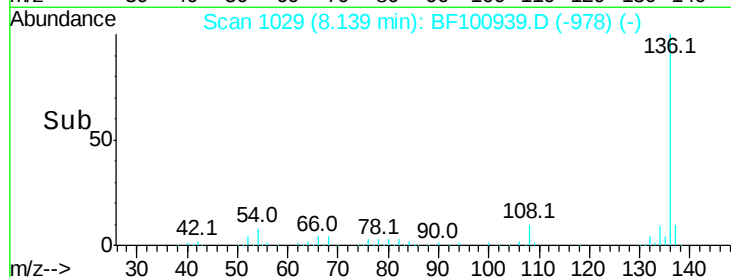
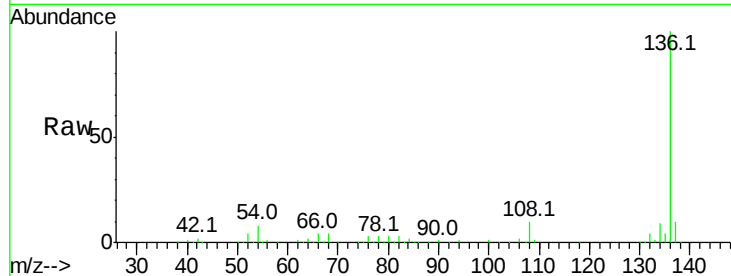
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :
SB-5(10-12)-20171127

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.9	13.3	
54	7.6	6.6	9.8	
68	4.4	5.0	7.4	

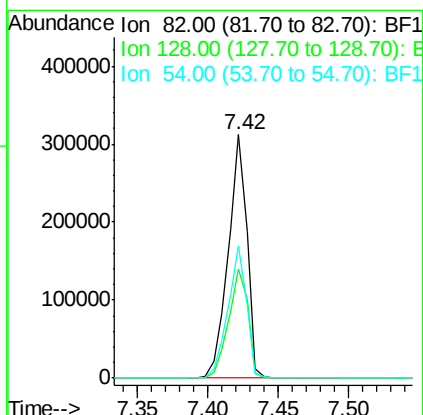
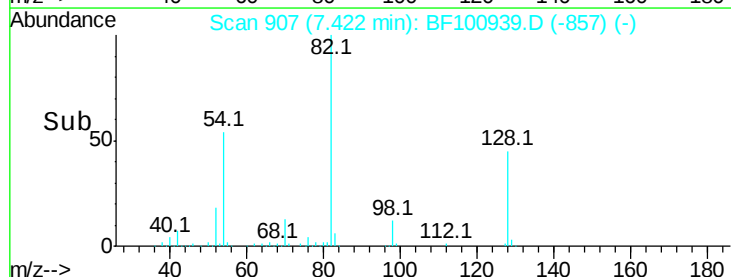
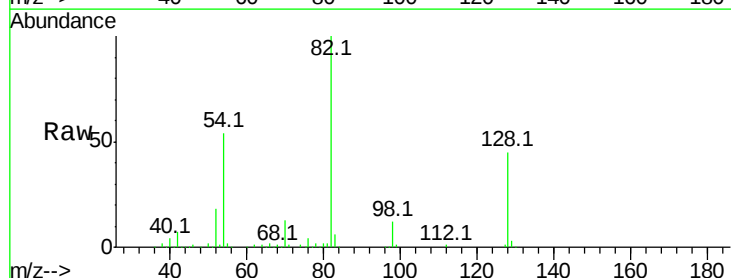
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#23
Nitrobenzene-d5
Concen: 80.969 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.1	36.1	54.1	
54	54.3	41.4	62.2	





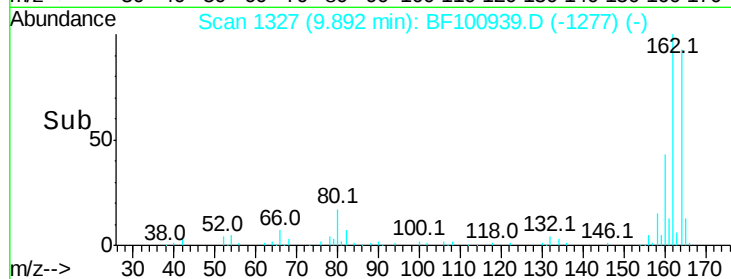
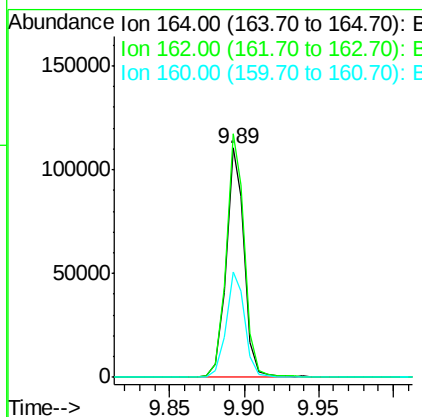
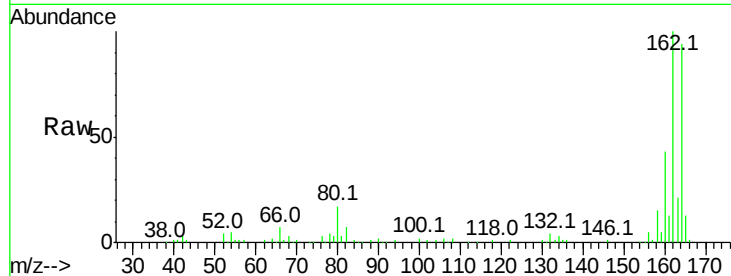
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF100939.D
 Acq: 28 Nov 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(10-12)-20171127

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.1	129.1
160	46.2	38.3	57.5

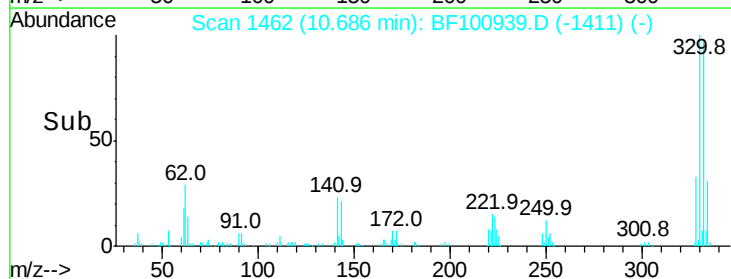
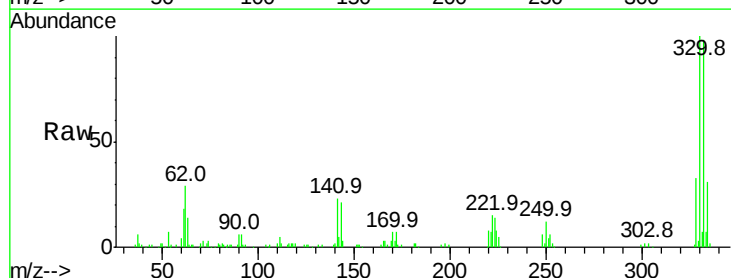
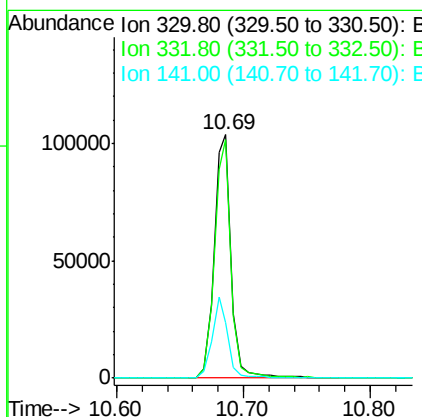
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#41
 2,4,6-Tribromophenol
 Concen: 101.434 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF100939.D
 Acq: 28 Nov 2017 17:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	30.3	29.9	44.9





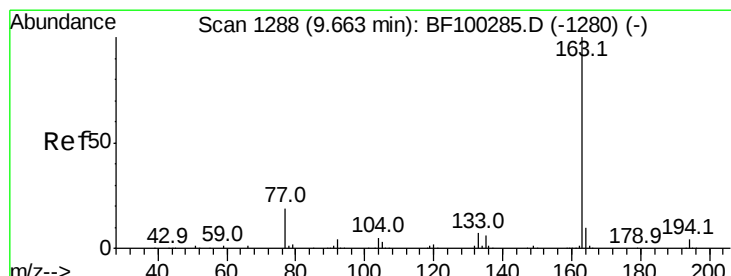
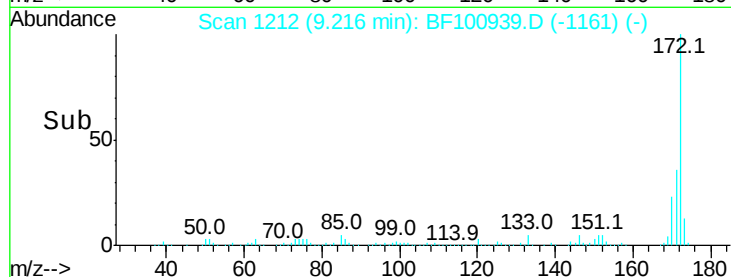
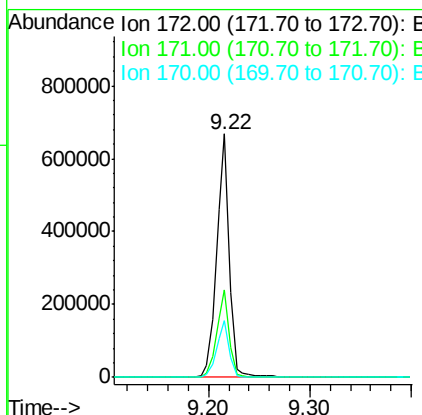
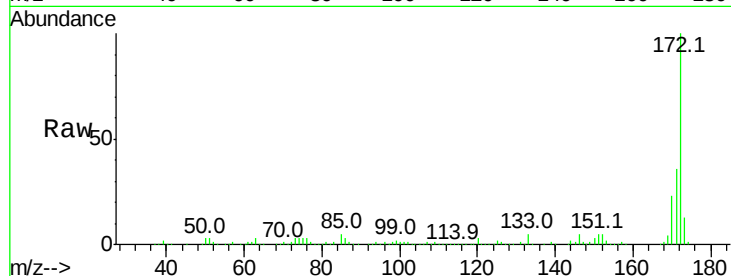
#44
2-Fluorobiphenyl
Concen: 91.839 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :
SB-5(10-12)-20171127

Tot Ion	Ratio	Resp	Lower	Upper
172	100	574221		
171	35.7		29.7	44.5
170	23.1		19.6	29.4

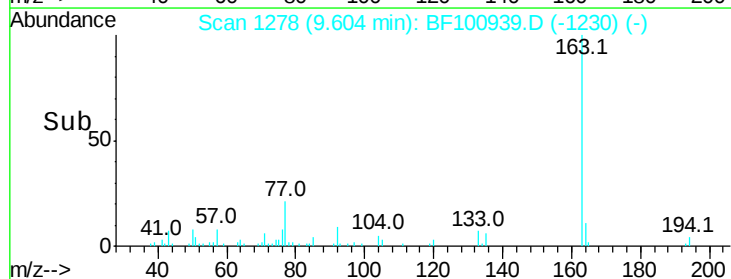
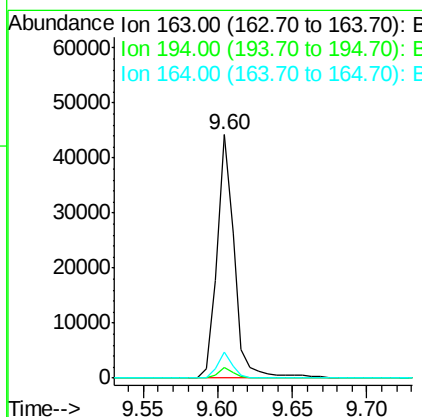
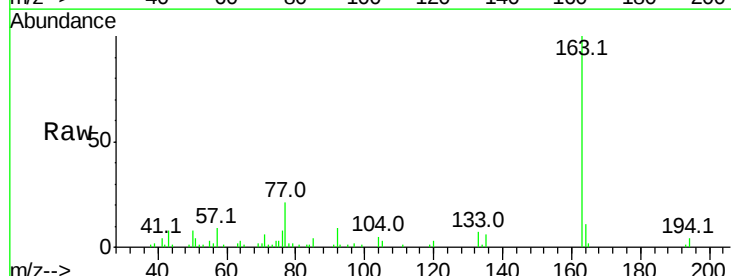
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#49
Dimethylphthalate
Concen: 4.920 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	35761		
194	4.1		2.7	4.1#
164	10.9		8.2	12.2





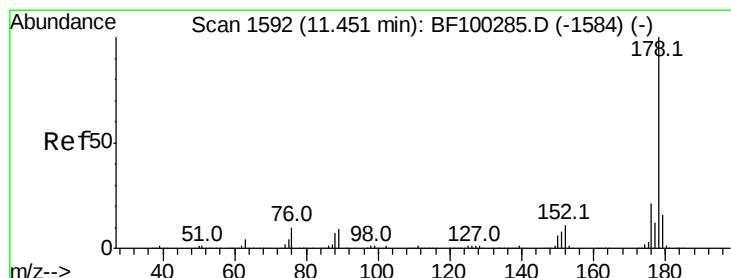
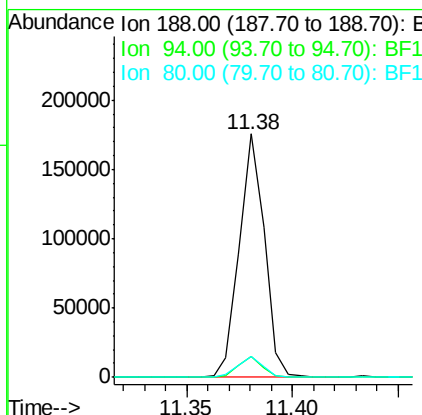
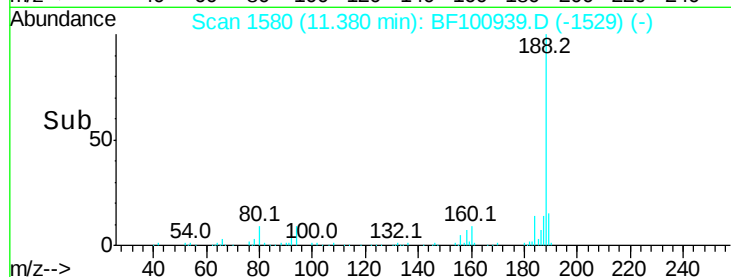
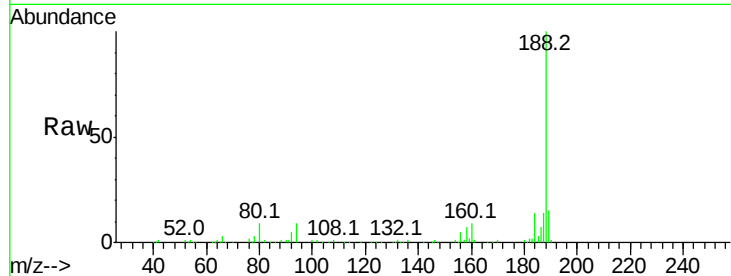
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :
SB-5(10-12)-20171127

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.8	8.5	12.7
80	8.6	9.2	13.8

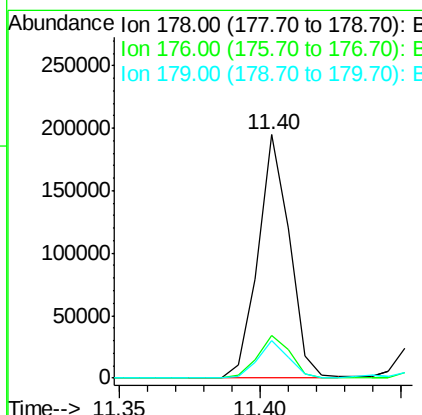
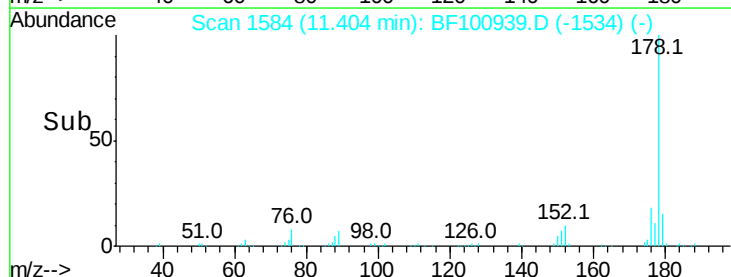
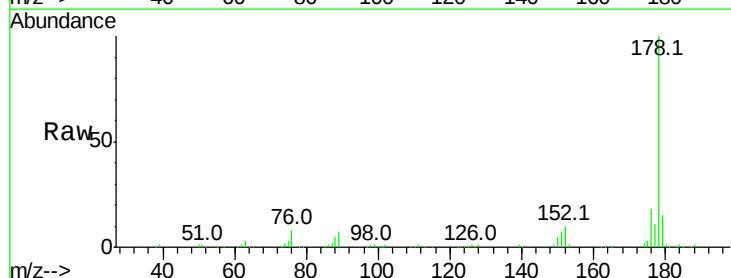
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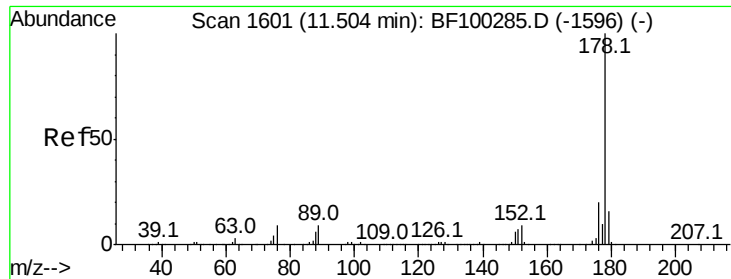
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#70
Phenanthrene
Concen: 19.740 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	17.7	15.8	23.8
179	15.4	13.0	19.6





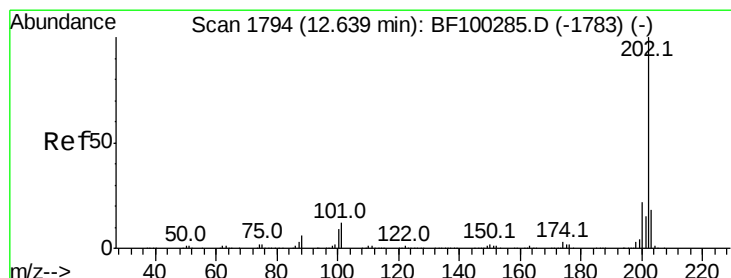
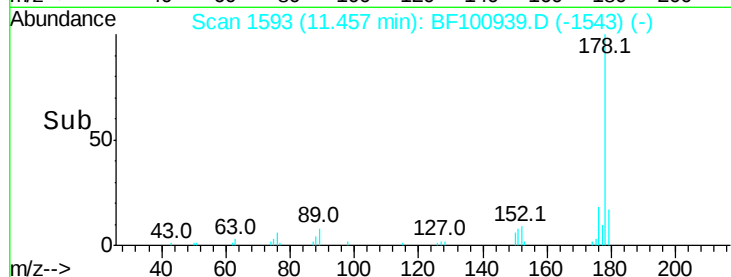
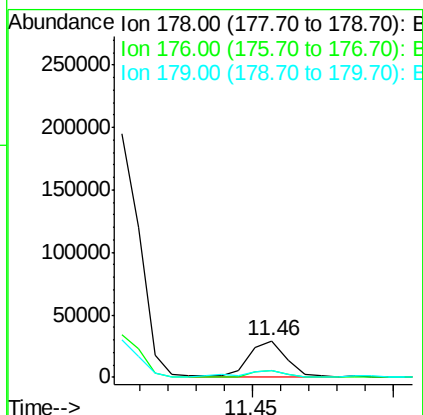
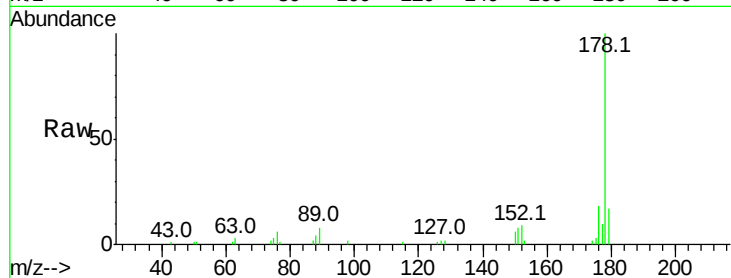
#71
 Anthracene
 Concen: 3.429 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF100939.D
 Acq: 28 Nov 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(10-12)-20171127

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	16.9	12.6	19.0

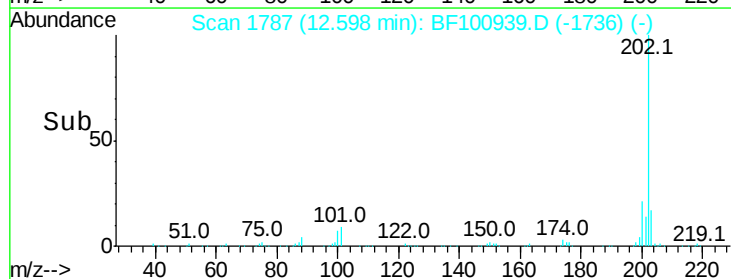
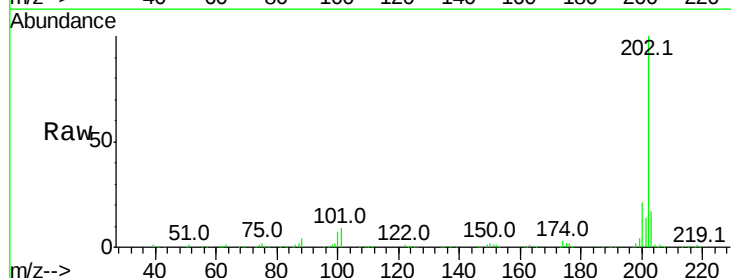
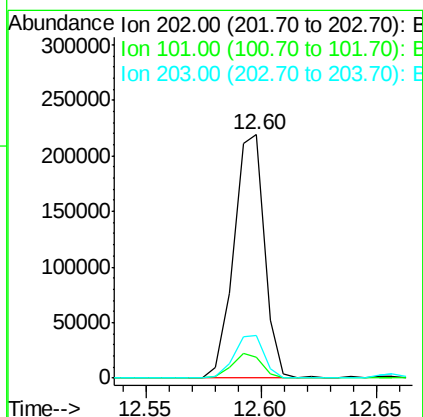
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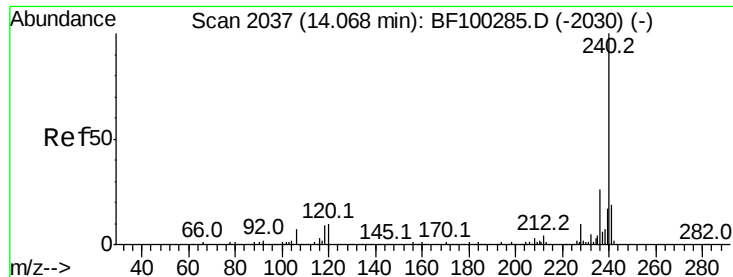
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#74
 Fluoranthene
 Concen: 25.161 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BF100939.D
 Acq: 28 Nov 2017 17:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	34.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF100939.D

Acq: 28 Nov 2017 17:39

Instrument :

BNA_F

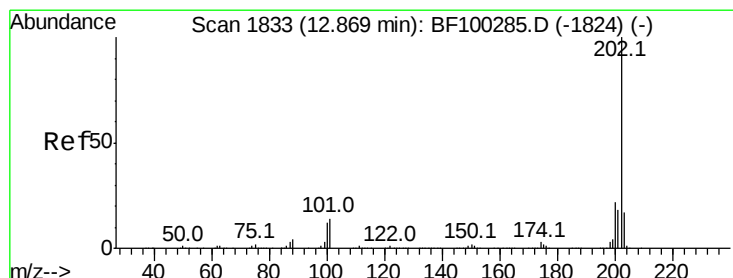
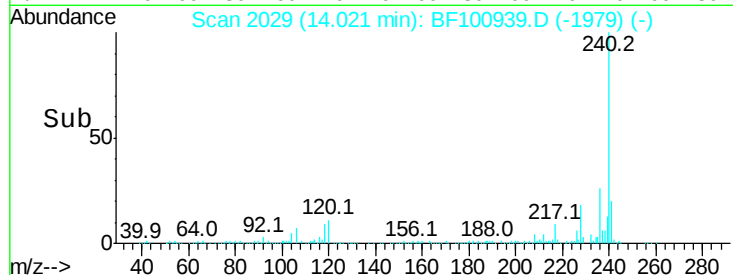
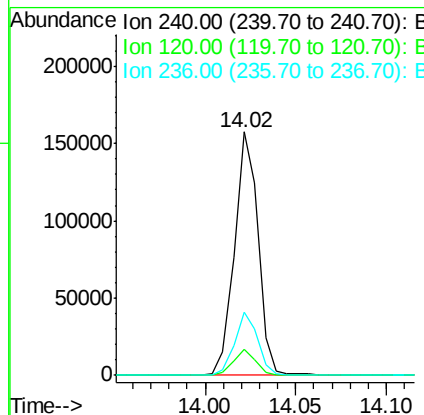
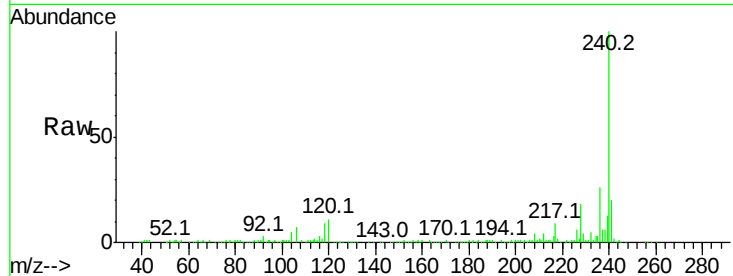
ClientSampleId :

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Tot Ion:	240	Resp:	143475
Ion Ratio	Lower	Upper	
240	100		
120	10.7	9.5	14.3
236	25.7	20.7	31.1

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#77

Pyrene

Concen: 17.669 ng

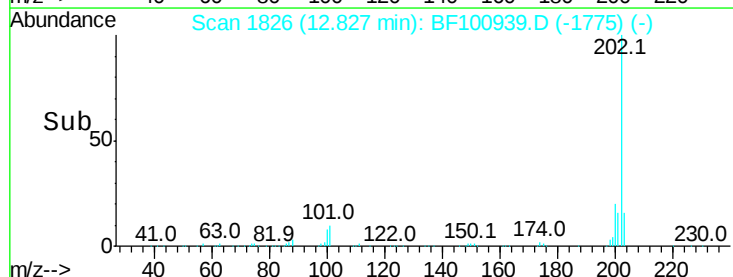
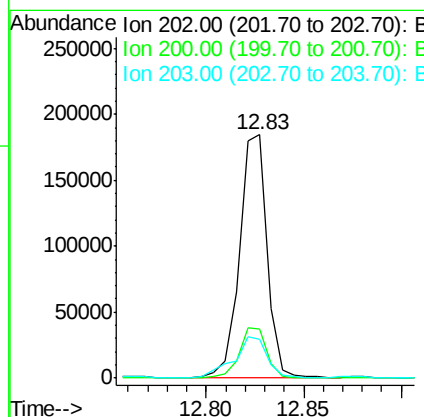
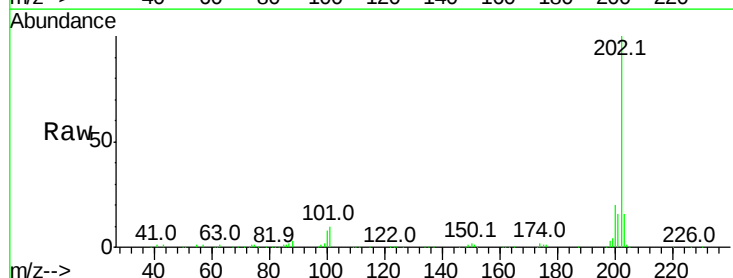
RT: 12.83 min Scan# 1826

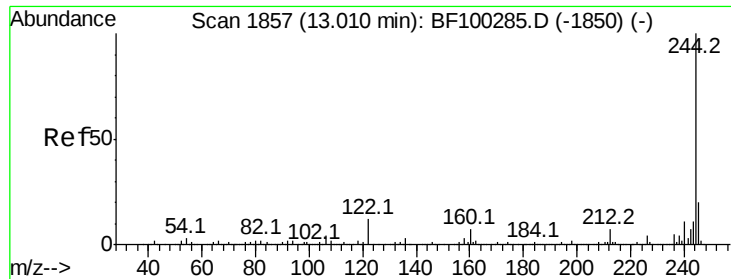
Delta R.T. 0.00 min

Lab File: BF100939.D

Acq: 28 Nov 2017 17:39

Tgt Ion:	202	Resp:	180706
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.4	26.2
203	16.1	14.3	21.5





#78

Terphenyl-d14

Concen: 64.668 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF100939.D

Acq: 28 Nov 2017 17:39

Instrument :

BNA_F

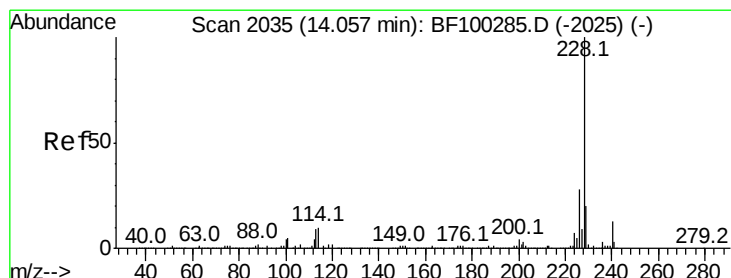
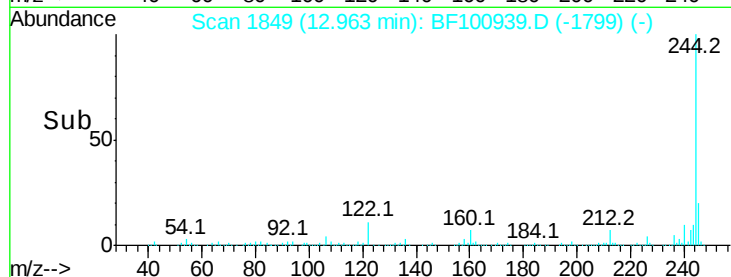
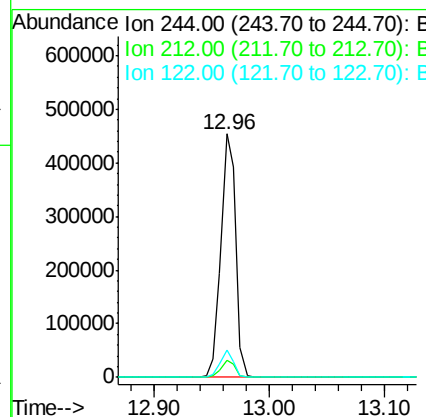
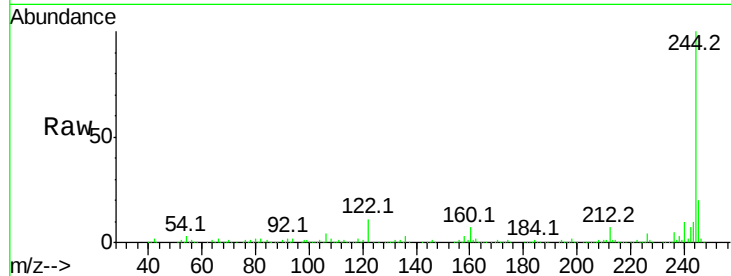
ClientSampleId :

SB-5(10-12)-20171127

Tot Ion:	244	Resp:	403802
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	11.4	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 11.180 ng

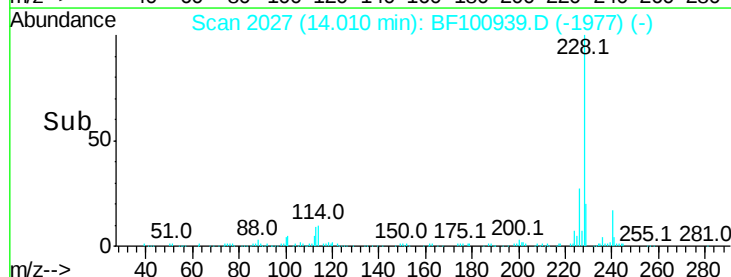
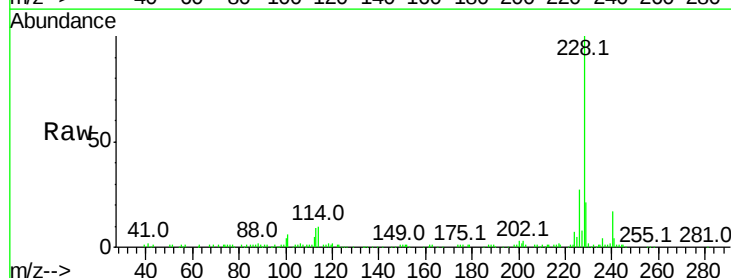
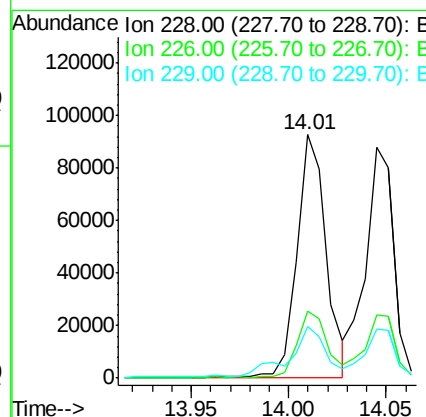
RT: 14.01 min Scan# 2027

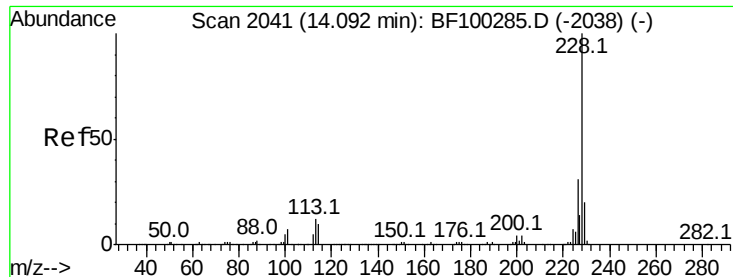
Delta R.T. -0.01 min

Lab File: BF100939.D

Acq: 28 Nov 2017 17:39

Tgt Ion:	228	Resp:	96597
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.6	33.8
229	21.2	15.8	23.6





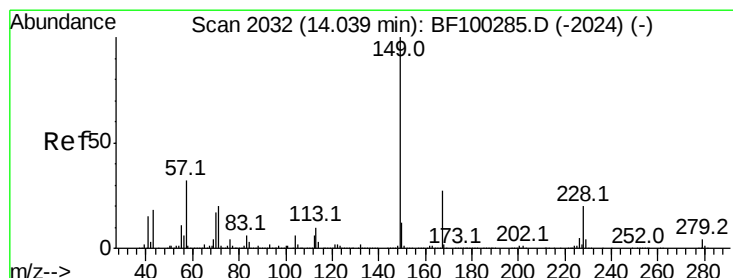
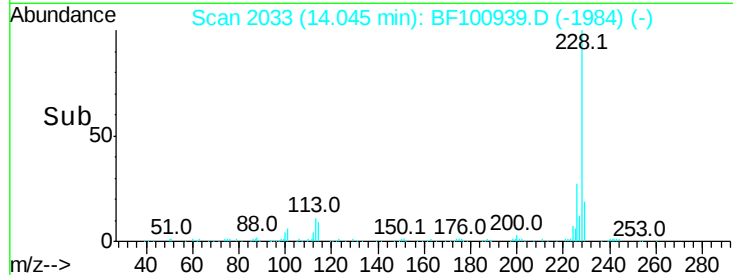
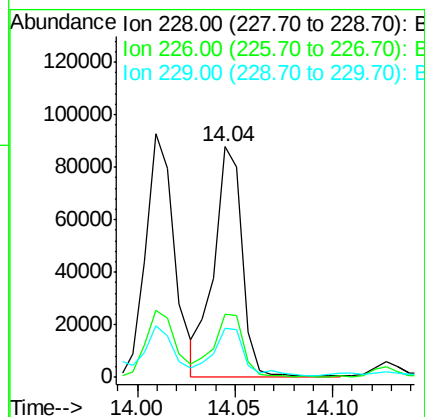
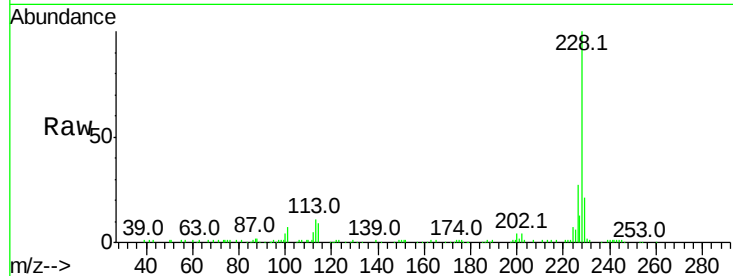
#82
 Chrysene
 Concen: 10.601 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF100939.D
 Acq: 28 Nov 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(10-12)-20171127

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	25.0	37.6
229	21.2	16.2	24.4

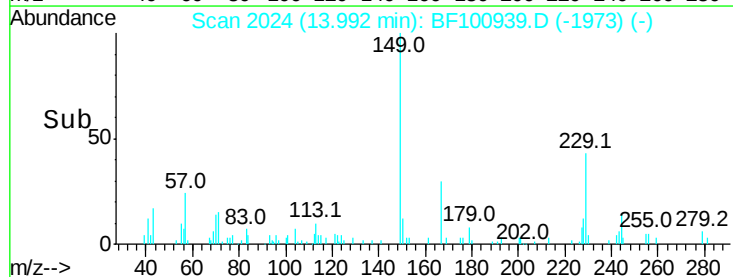
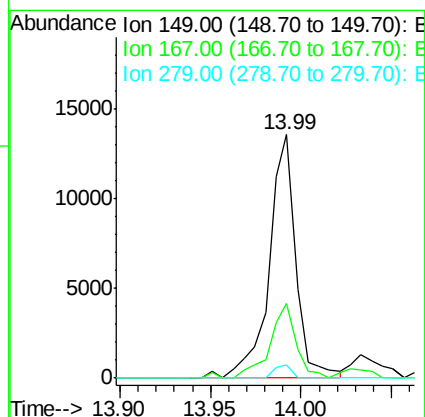
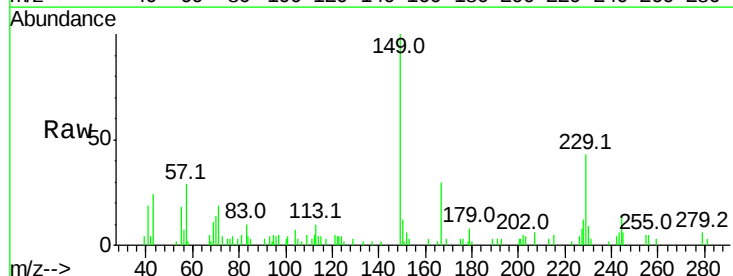
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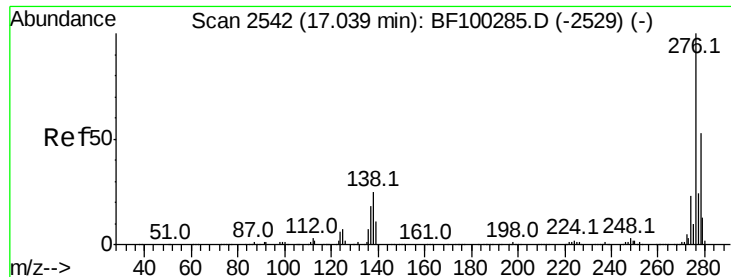
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.545 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF100939.D
 Acq: 28 Nov 2017 17:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.5	21.3	31.9
279	5.6	3.0	4.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 5.288 ng/mL

RT: 16.96 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BF100939.D

Acq: 28 Nov 2017 17:39

Instrument :

BNA_F

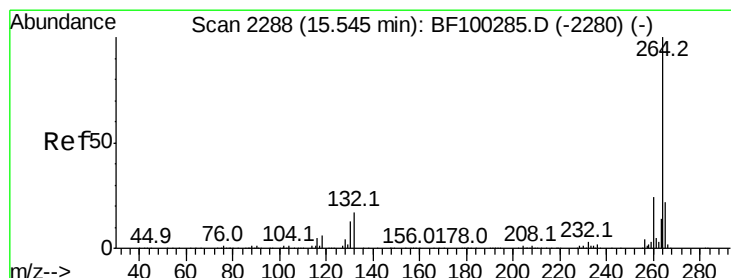
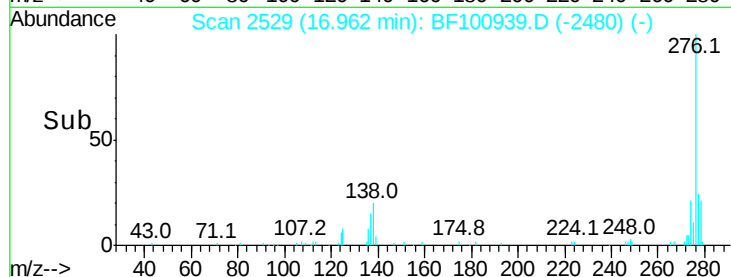
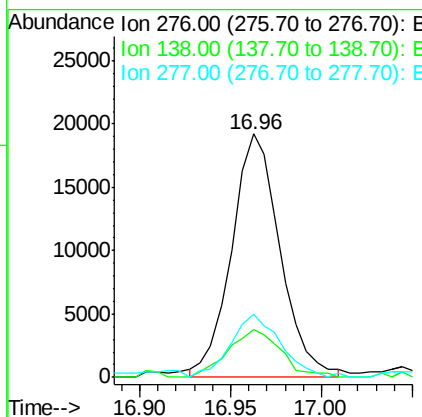
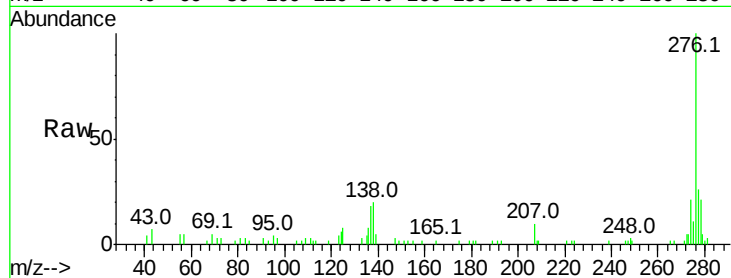
ClientSampleID :

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Tot Ion:	276	Resp:	35789
Ion Ratio	Lower	Upper	
276	100		
138	5.3	25.0	37.6#
277	6.0	20.1	30.1#

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#86

Perylene-d12

Concen: 20.000 ng/mL

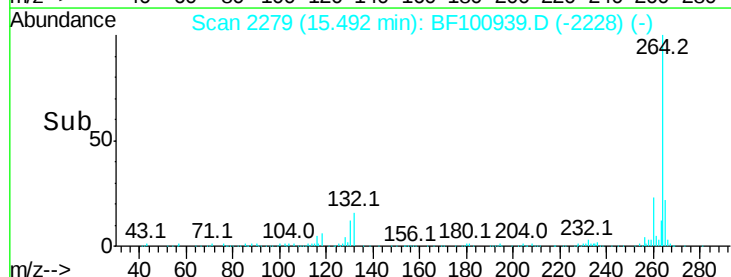
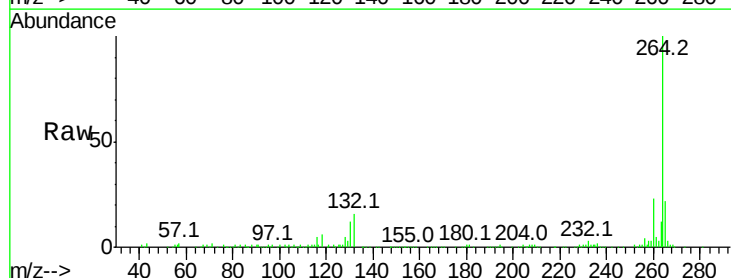
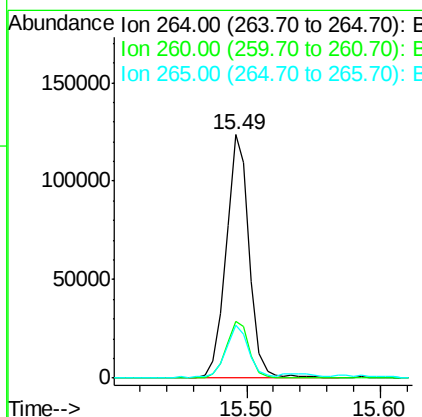
RT: 15.49 min Scan# 2279

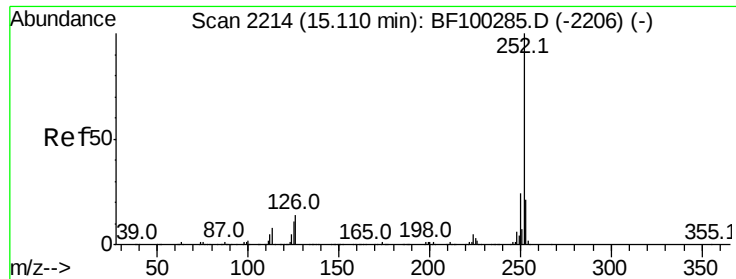
Delta R.T. 0.00 min

Lab File: BF100939.D

Acq: 28 Nov 2017 17:39

Tgt Ion:	264	Resp:	150134
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.2	28.8
265	21.8	17.5	26.3





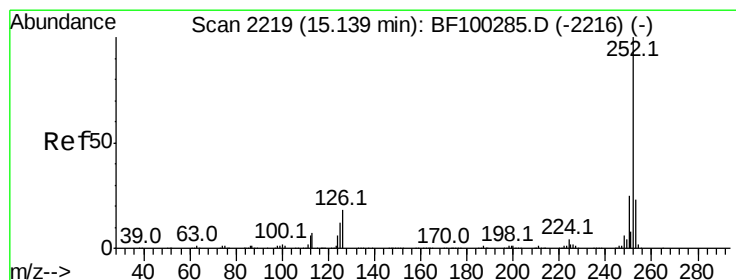
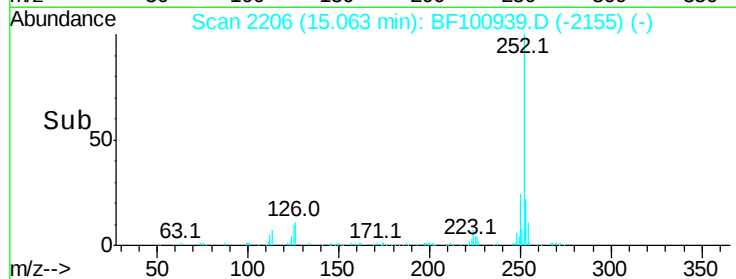
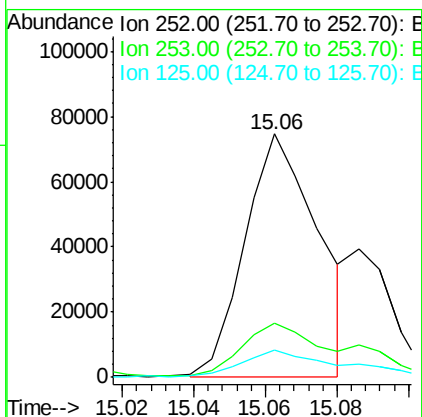
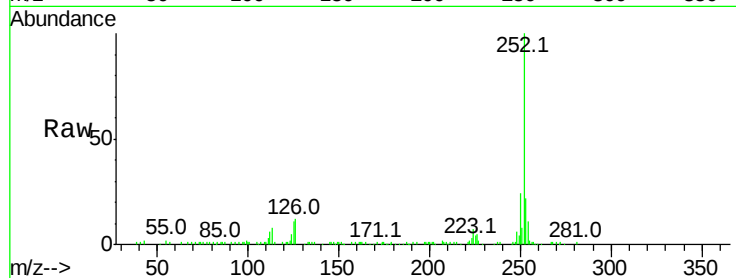
#87
Benzo(b)fluoranthene
Concen: 11.995 ng m
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :
SB-5(10-12)-20171127

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	11.1	9.0	13.6

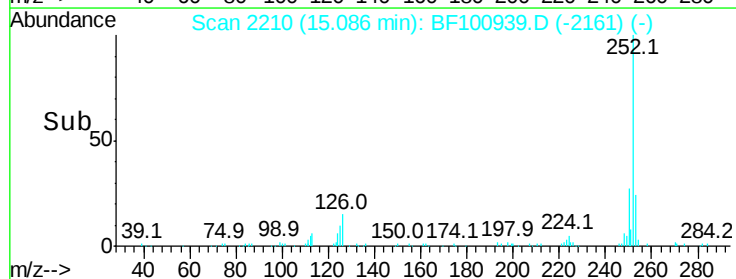
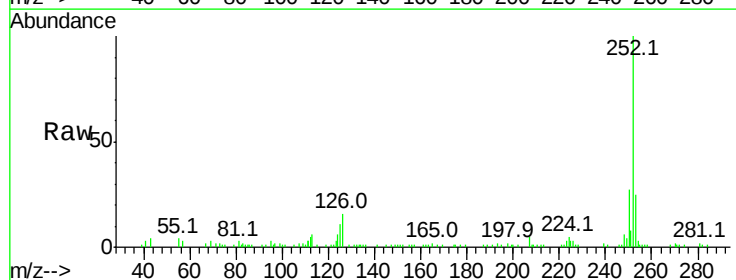
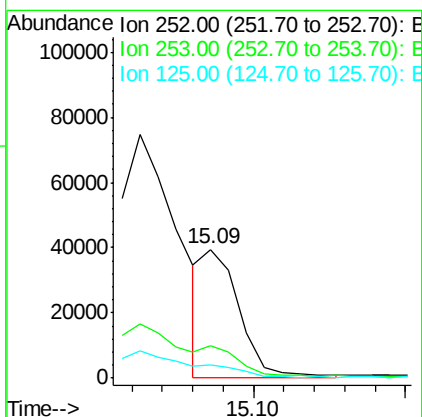
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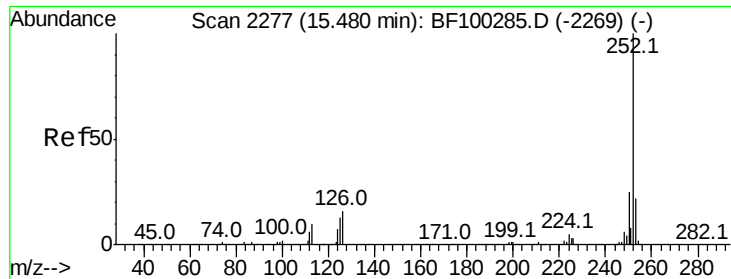
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#88
Benzo(k)fluoranthene
Concen: 3.967 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.9	26.9
125	10.6	10.2	15.2





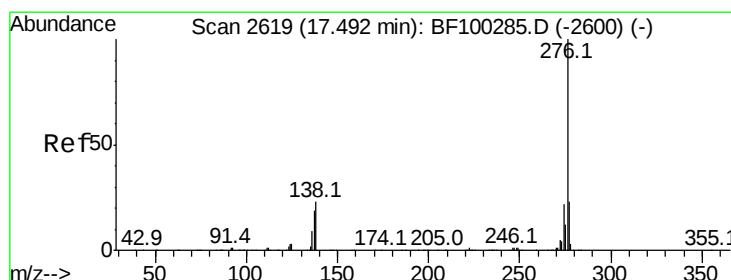
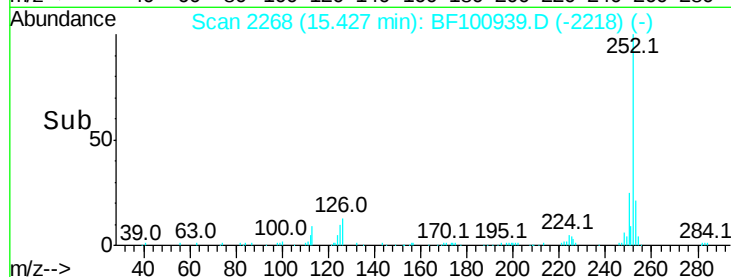
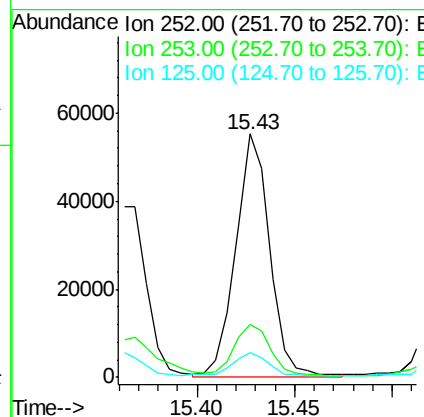
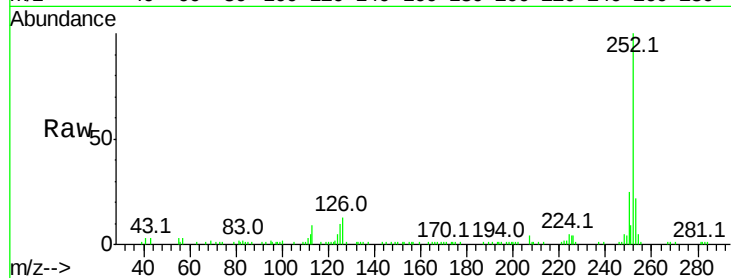
#89
Benzo(a)pyrene
Concen: 8.449 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :
SB-5(10-12)-20171127

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	10.4	9.8	14.6

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#91
Benzo(g,h,i)perylene
Concen: 5.083 ng
RT: 17.41 min Scan# 2605
Delta R.T. -0.01 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	22.1	21.8	32.8

