

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100843.D
 Acq On : 23 Nov 2017 00:21
 Operator : SJ/JU
 Sample : I6528-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1-BACKYARD

Manual Integrations
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Quant Time: Nov 27 03:38:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	82457	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	320977	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	142598	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	266661	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	157260	20.00	ng	-0.02
86) Perylene-d12	15.50	264	177945	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	455384	88.53	ng	0.00
7) Phenol-d6	6.49	99	553323	87.23	ng	-0.02
23) Nitrobenzene-d5	7.42	82	344006	70.86	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	141994	97.72	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	670175	71.56	ng	-0.02
78) Terphenyl-d14	12.97	244	526144	76.87	ng	-0.02
Target Compounds						
10) Phenol	6.50	94	20648	3.101	ng	98
49) Dimethylphthalate	9.61	163	64132	5.890	ng	97
70) Phenanthrene	11.40	178	35567	2.533	ng	98
74) Fluoranthene	12.60	202	150522	10.116	ng	93
77) Pyrene	12.83	202	151457	13.511	ng	96
80) Benzo(a)anthracene	14.01	228	71583	7.559	ng	96
82) Chrysene	14.04	228	66421	7.243	ng	98
85) Indeno(1,2,3-cd)pyrene	16.96	276	52125m	7.027	ng	
87) Benzo(b)fluoranthene	15.06	252	93310m	8.851	ng	
88) Benzo(k)fluoranthene	15.09	252	28893m	2.901	ng	
89) Benzo(a)pyrene	15.43	252	73929	7.910	ng	98
91) Benzo(a,h,i)perylene	17.41	276	51339	6.862	ng	96

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

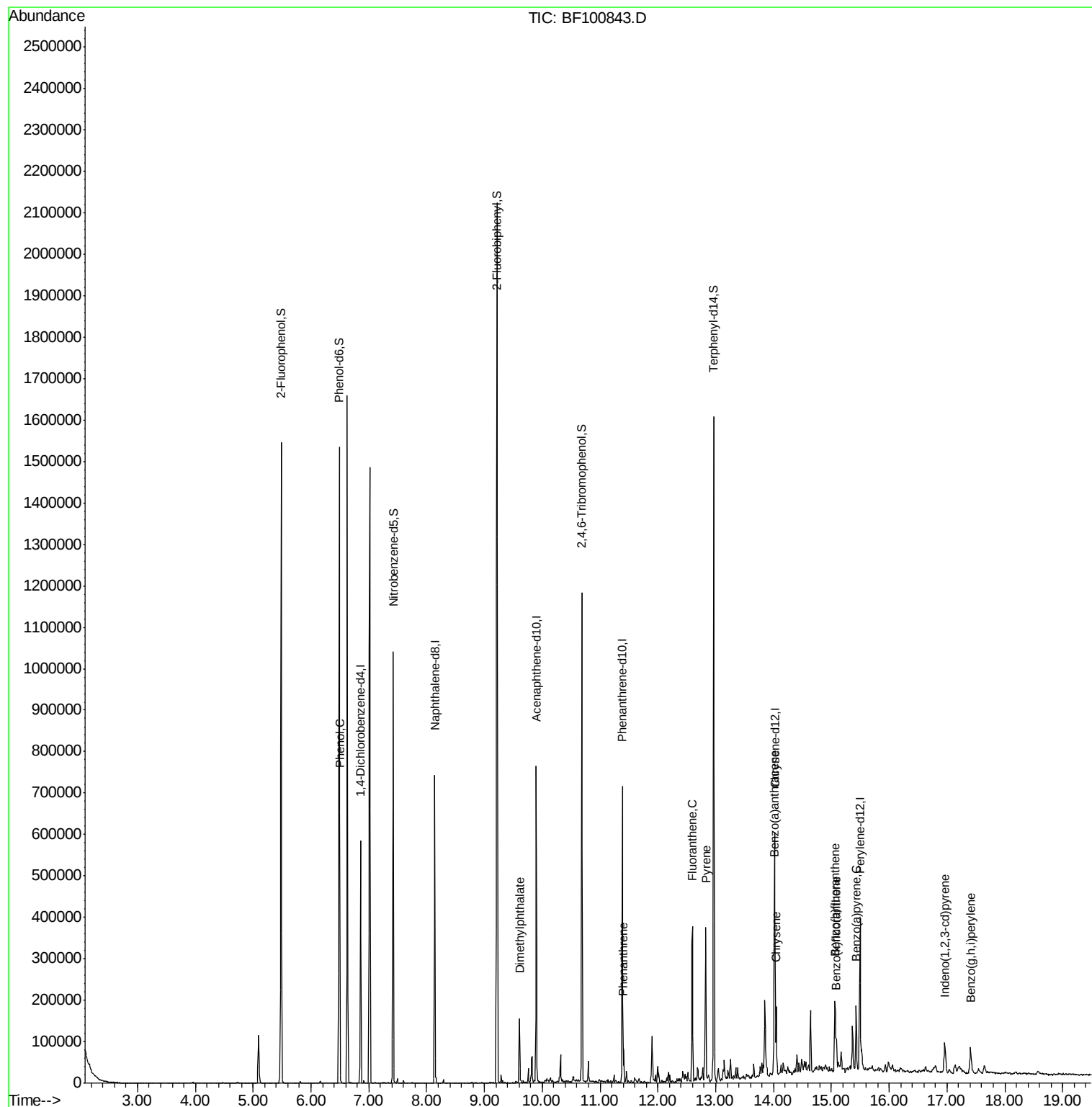
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

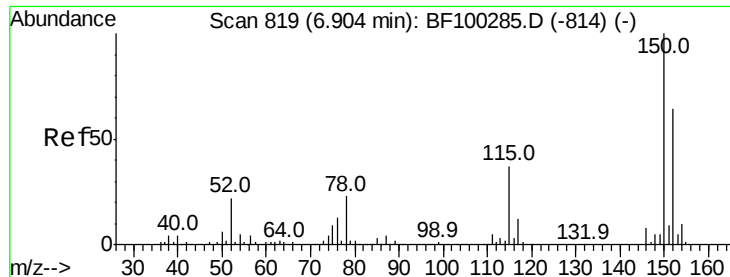
Instrument :
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#1

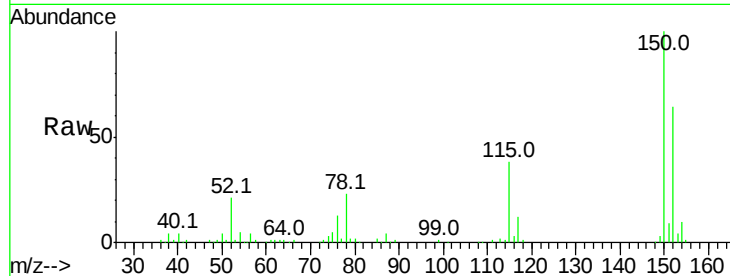
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Instrument :
BNA_F
ClientSampleId :
S-1-BACKYARD

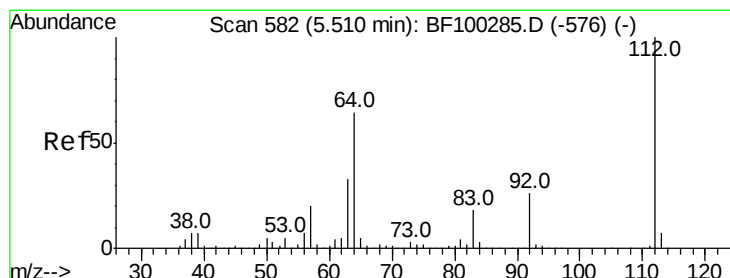
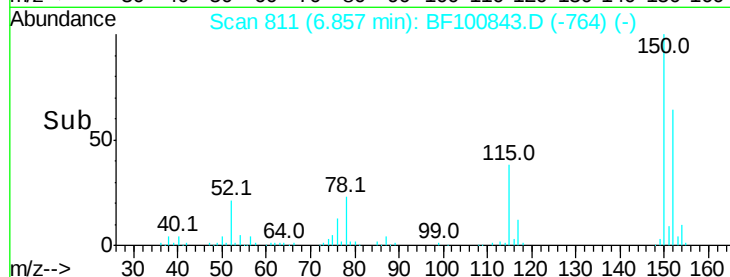
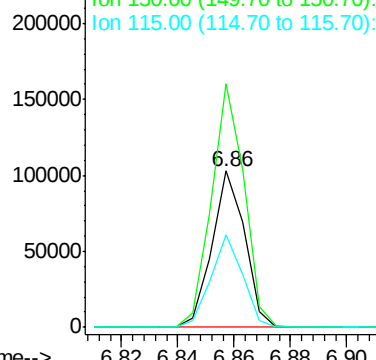
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	59.4	50.1	75.1

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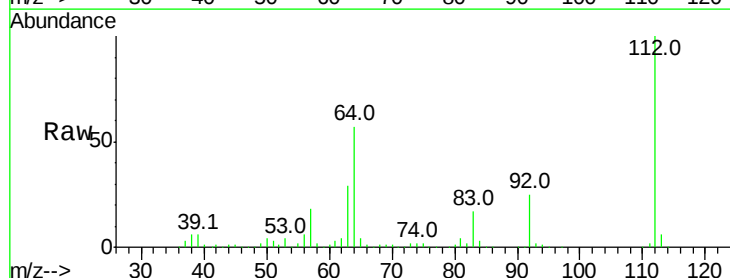
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



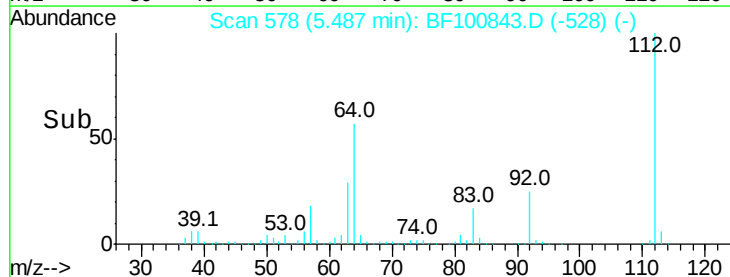
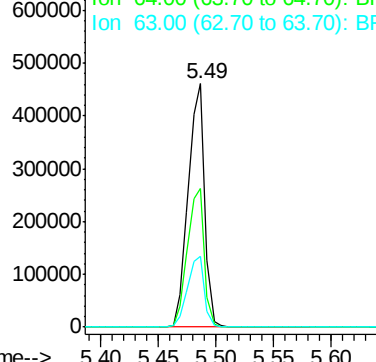
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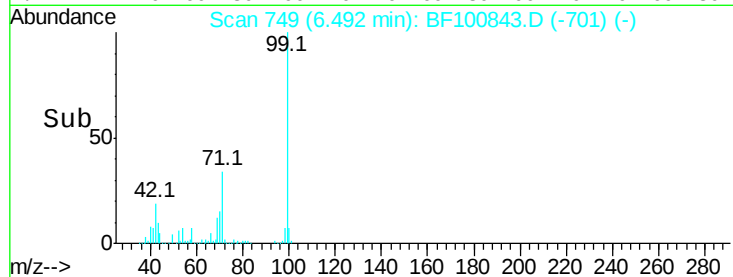
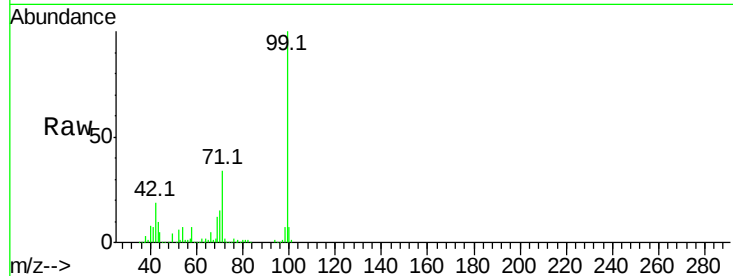
2-Fluorophenol
Concen: 88.528 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.9	71.9
63	29.2	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: 87.231 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100843.D

Acq: 23 Nov 2017 00:21

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		553323		
42	19.4	14.5	21.7		
71	33.5	25.4	38.0		

Instrument :

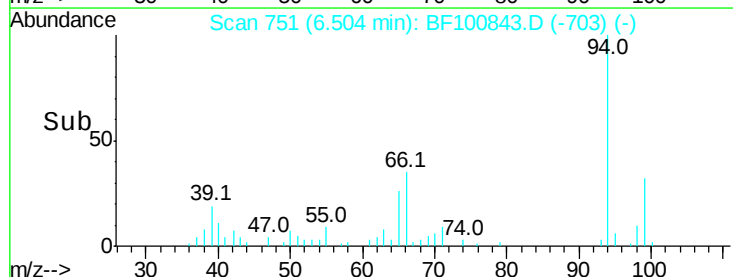
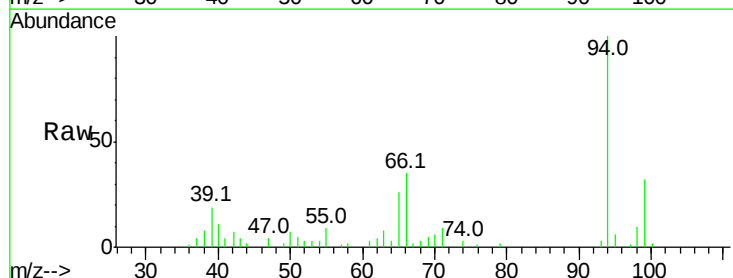
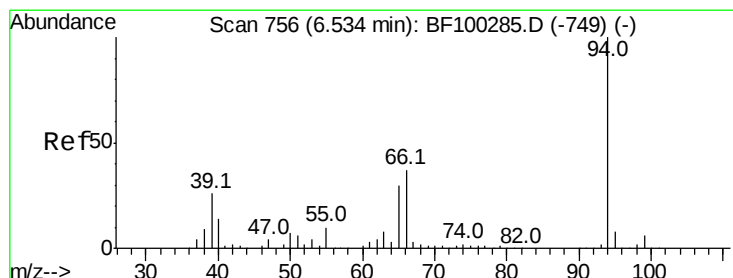
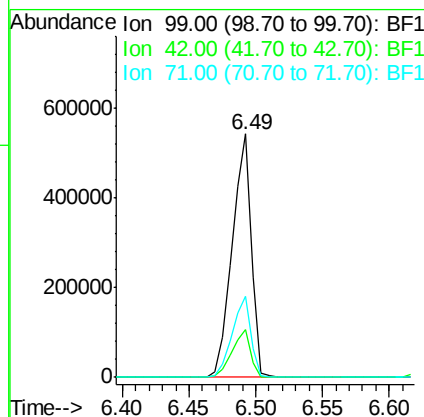
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 3.101 ng

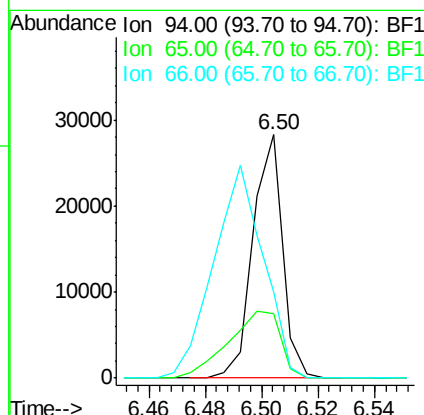
RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF100843.D

Acq: 23 Nov 2017 00:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		20648		
65	26.5	7.9	47.9		
66	35.5	16.2	56.2		





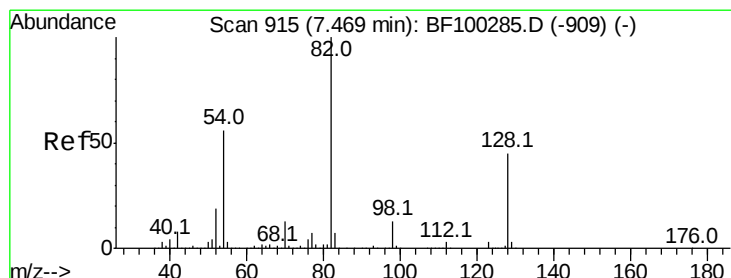
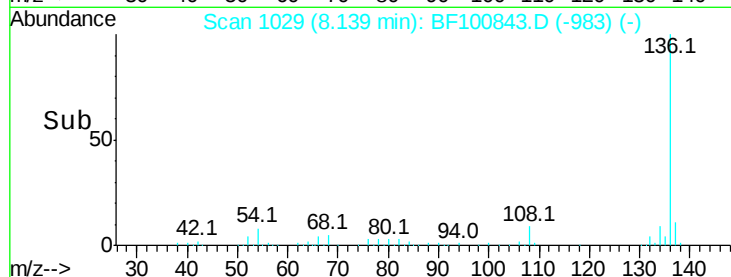
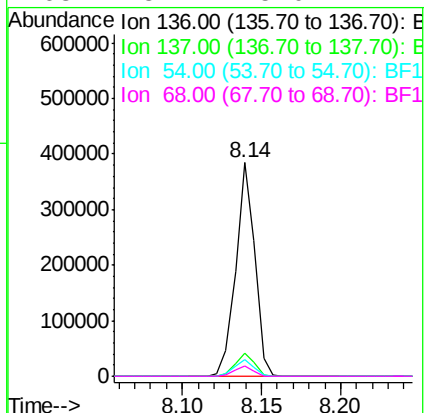
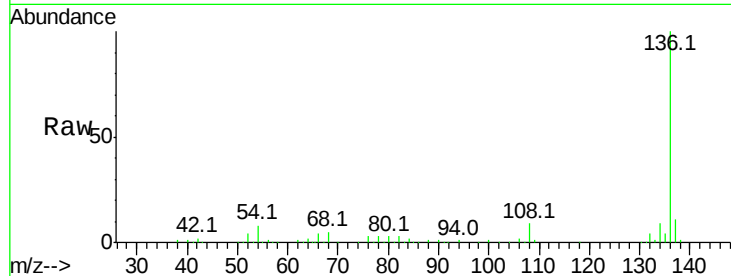
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Instrument :
BNA_F
ClientSampleId :
S-1-BACKYARD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	7.8	6.6	9.8	
68	5.1	5.0	7.4	

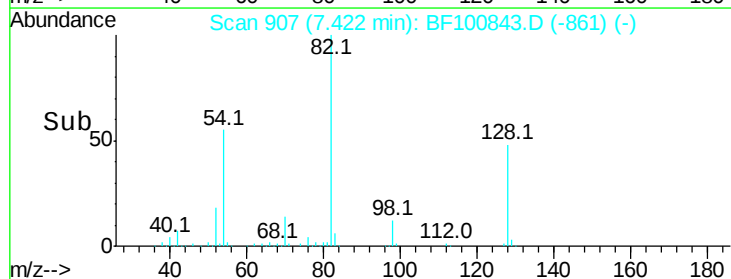
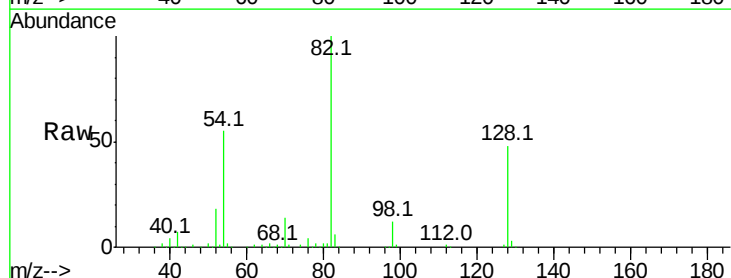
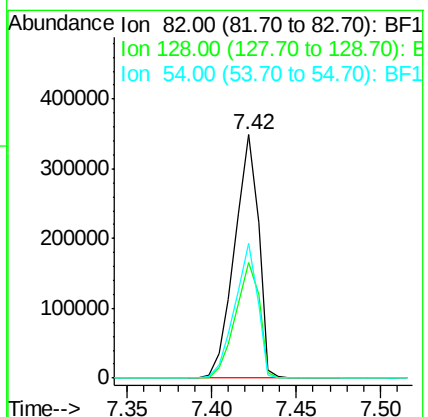
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#23
Nitrobenzene-d5
Concen: 70.857 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.03 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.6	36.1	54.1	
54	55.5	41.4	62.2	





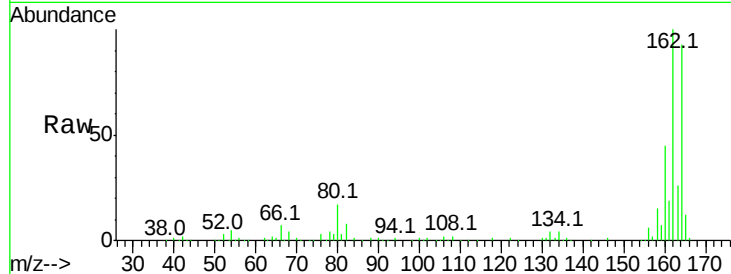
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Instrument :
BNA_F
ClientSampleId :
S-1-BACKYARD

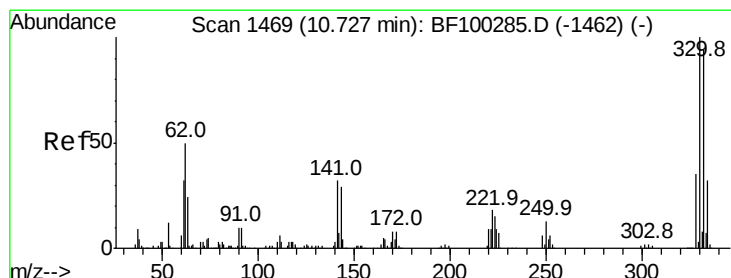
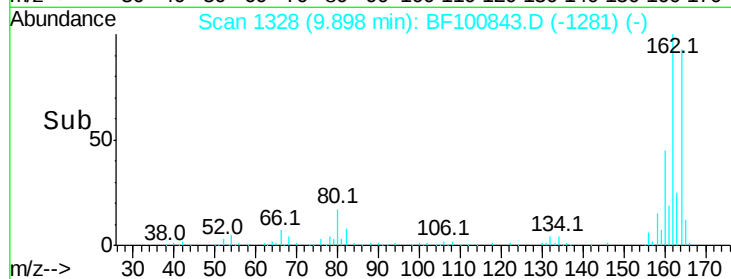
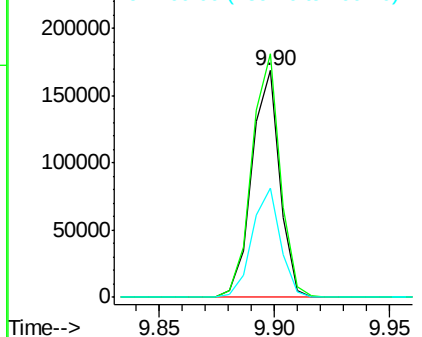
Tot Ion	Ratio	Lower	Upper
164	100		
162	107.4	86.1	129.1
160	48.3	38.3	57.5

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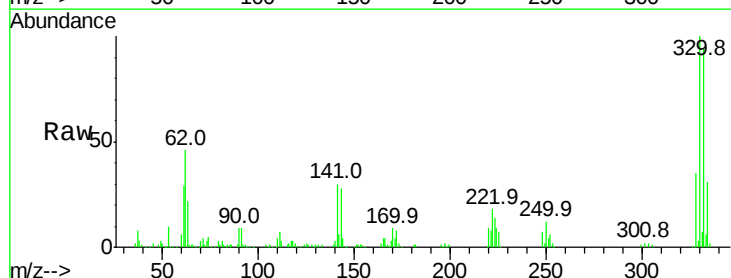


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

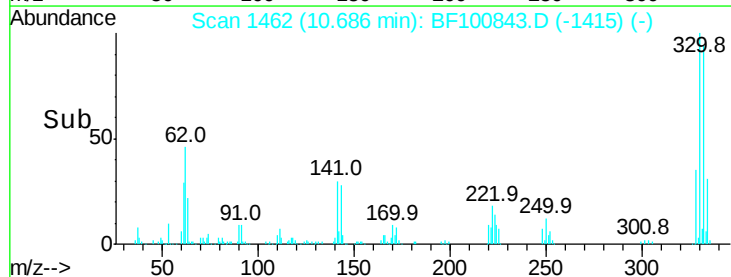
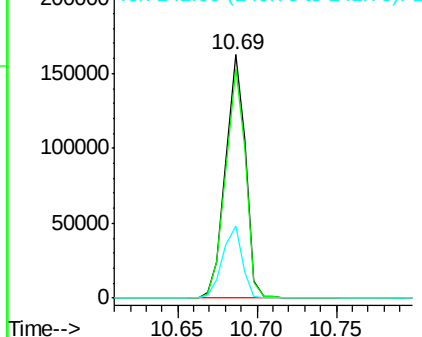


#41
2,4,6-Tribromophenol
Concen: 97.720 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.02 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	29.1	29.9	44.9#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





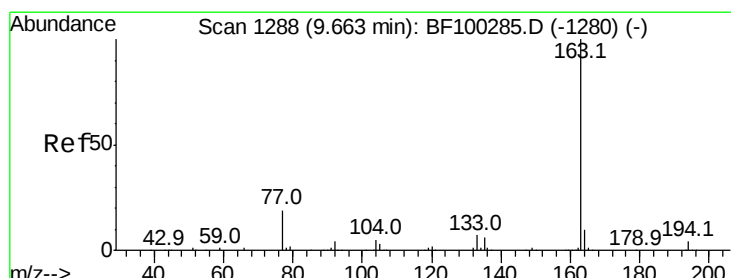
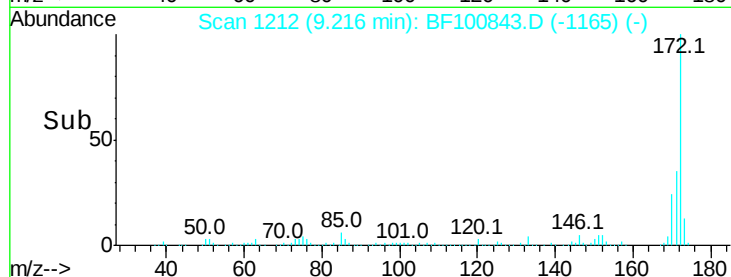
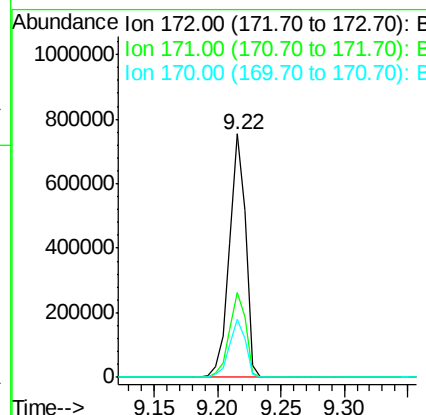
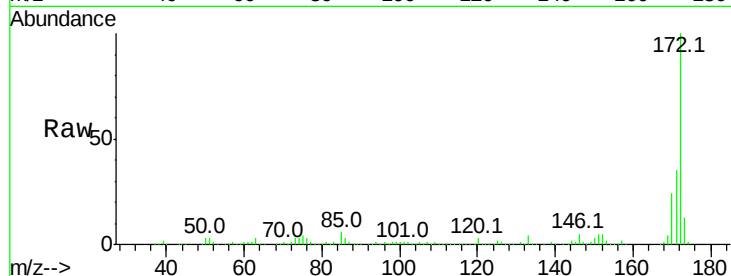
#44
2-Fluorobiphenyl
Concen: 71.564 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
172	100	670175		
171	35.1		29.7	44.5
170	24.0		19.6	29.4

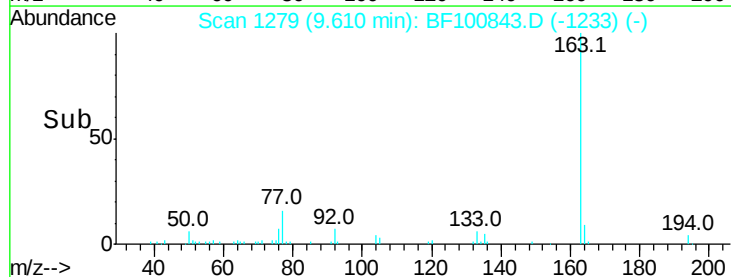
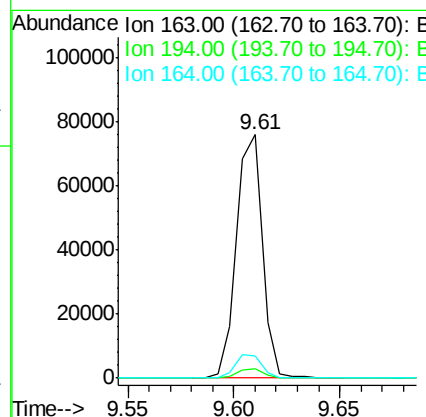
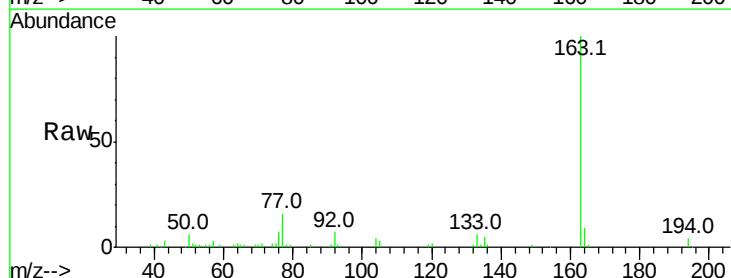
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#49
Dimethylphthalate
Concen: 5.890 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.03 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	64132		
194	3.9		2.7	4.1
164	8.9		8.2	12.2





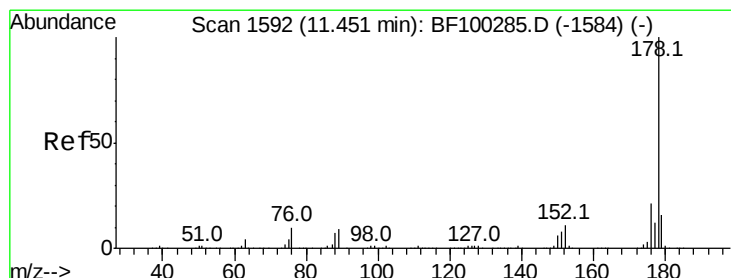
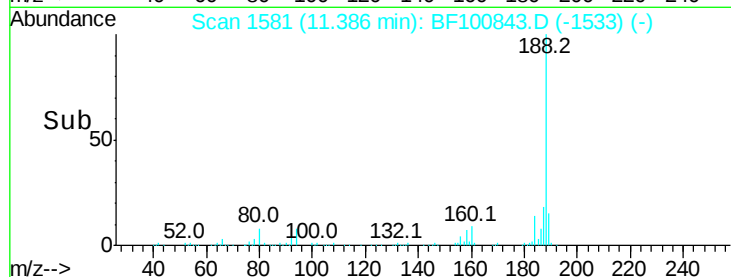
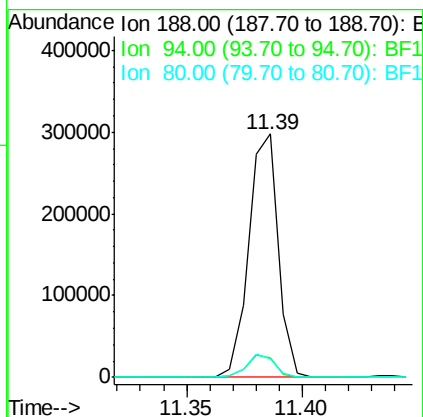
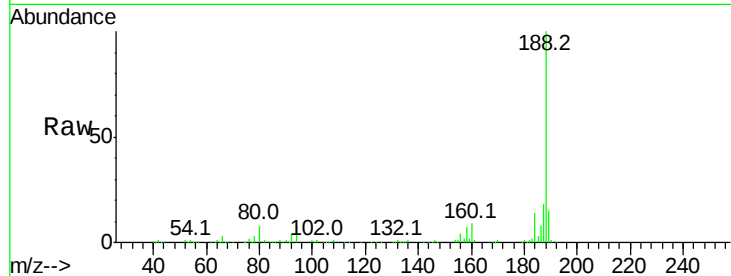
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Instrument :
BNA_F
ClientSampleId :
S-1-BACKYARD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	7.7	9.2	13.8#

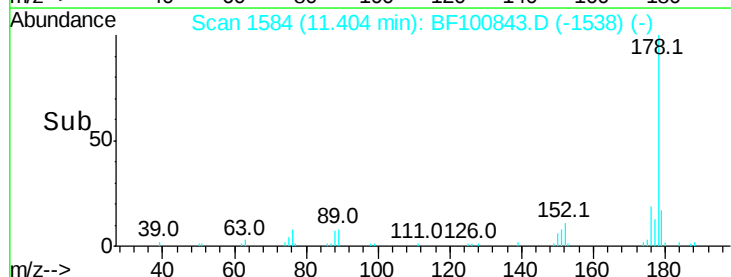
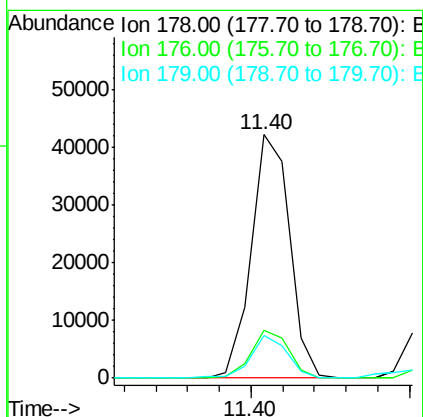
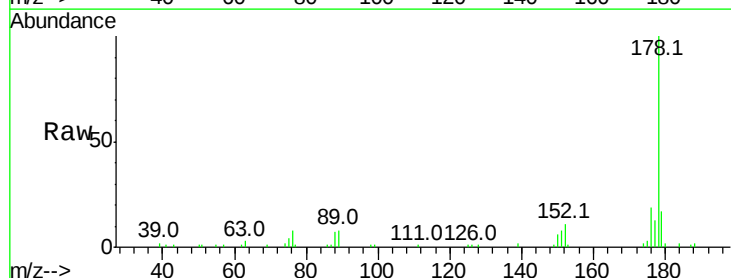
Manual Integrations
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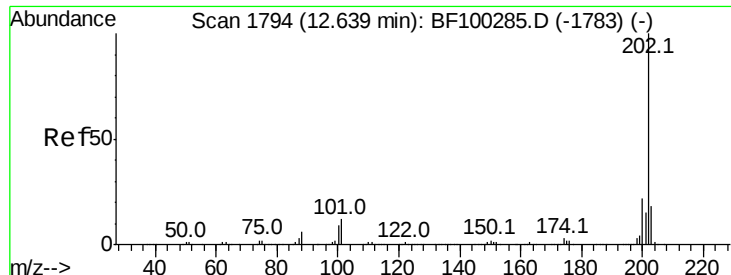
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#70
Phenanthrene
Concen: 2.533 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BF100843.D
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Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.5	15.8	23.8
179	17.3	13.0	19.6





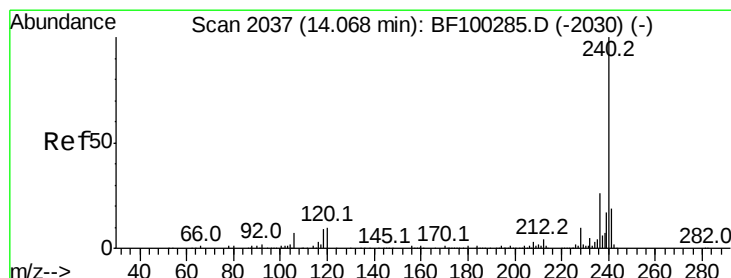
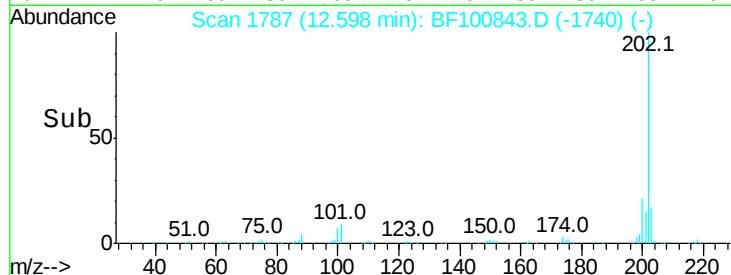
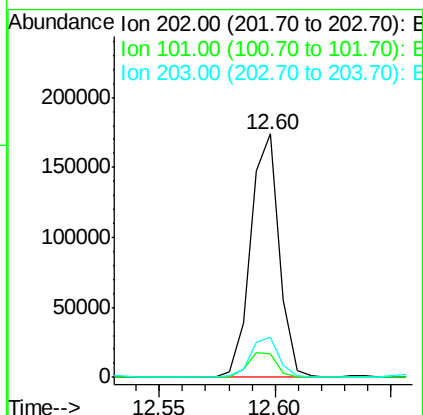
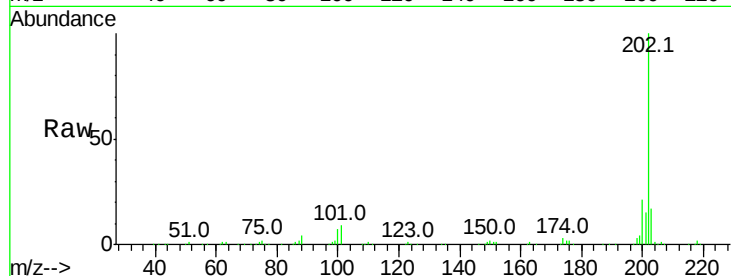
#74
Fluoranthene
Concen: 10.116 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.02 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Instrument :
BNA_F
ClientSampleId :
S-1-BACKYARD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.4	0.0	34.1
203	16.7	0.0	38.1

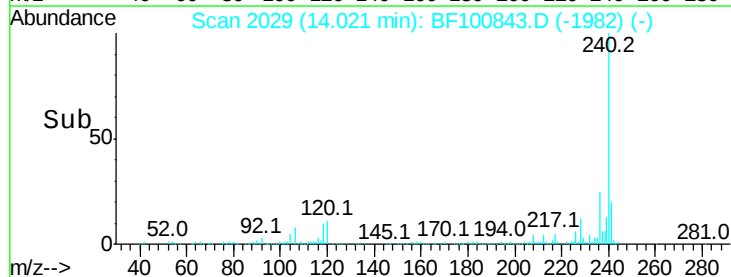
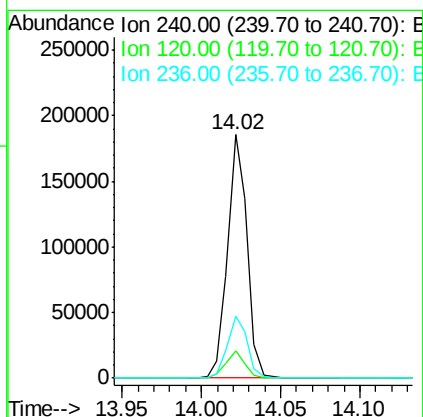
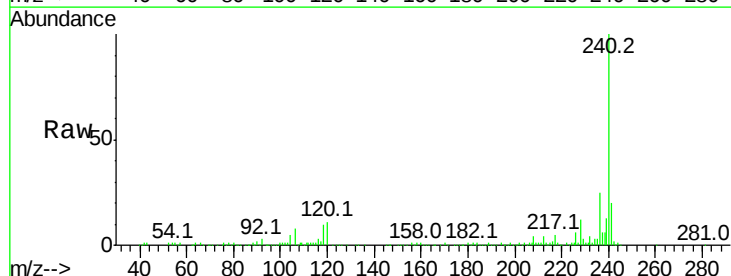
Manual Integrations
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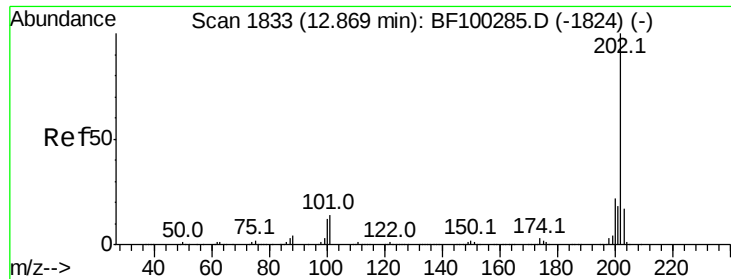
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.3	9.5	14.3
236	25.2	20.7	31.1





#77

Pvrene

Concen: 13.511 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF100843.D

Acq: 23 Nov 2017 00:21

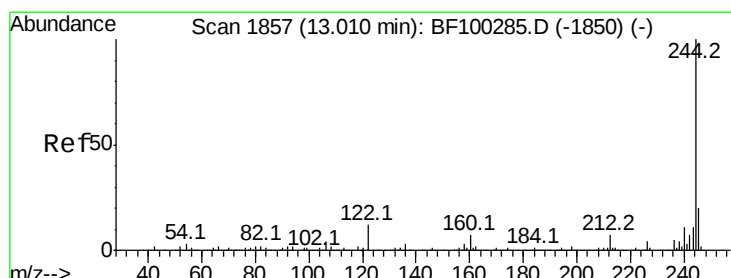
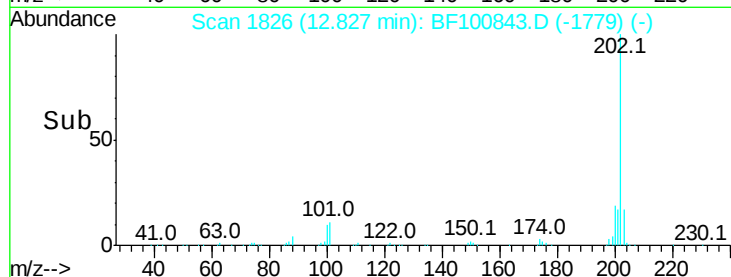
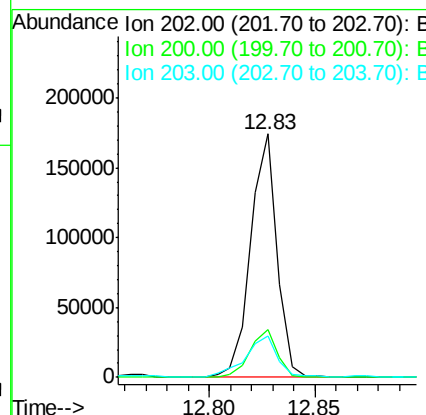
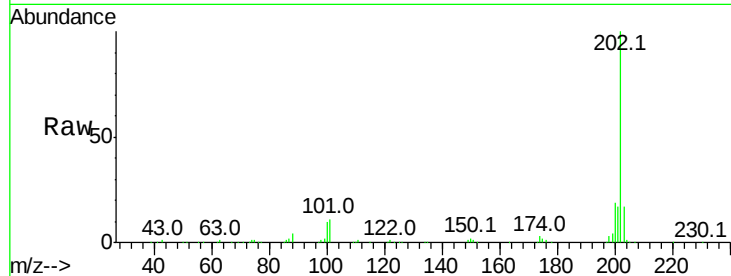
Instrument :
BNA_F

ClientSampleId :
S-1-BACKYARD

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.4	26.2
203	17.0	14.3	21.5

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#78

Terphenyl-d14

Concen: 76.874 ng

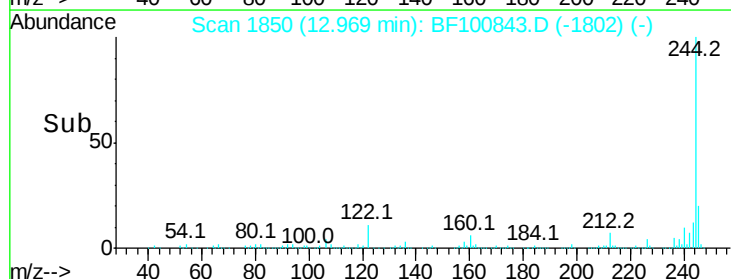
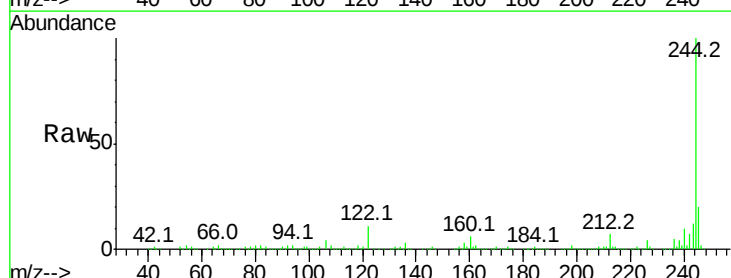
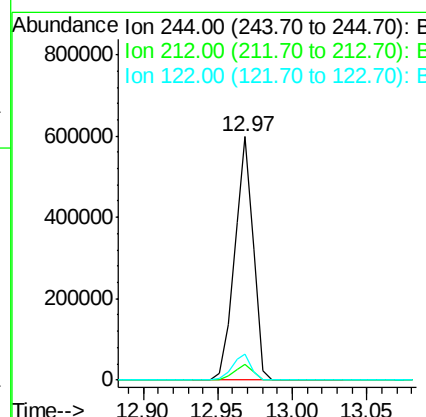
RT: 12.97 min Scan# 1850

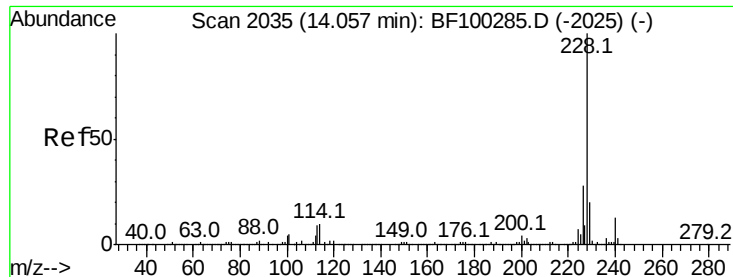
Delta R.T. -0.02 min

Lab File: BF100843.D

Acq: 23 Nov 2017 00:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.8	11.0	16.4#





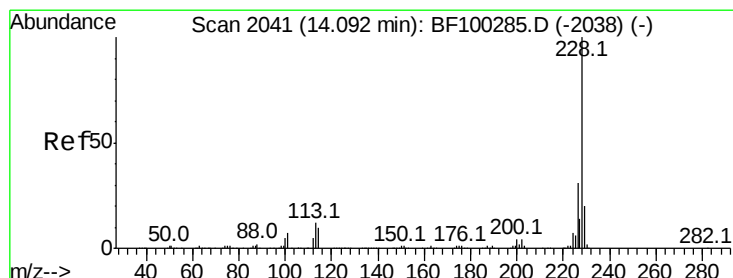
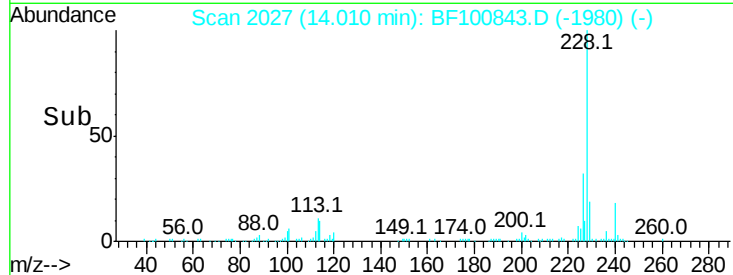
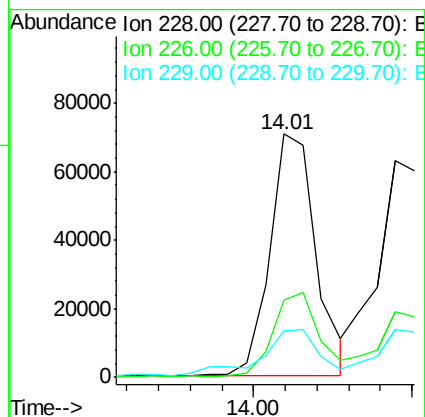
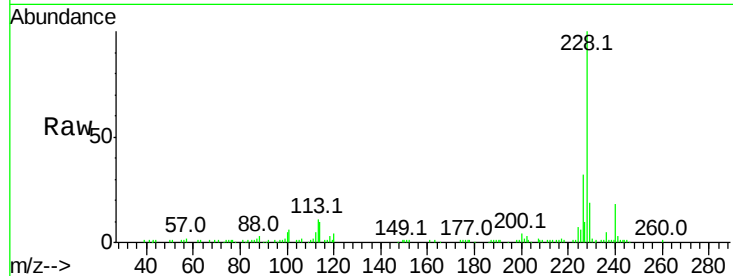
#80
Benzo(a)anthracene
Concen: 7.559 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Instrument :
BNA_F
ClientSampleId :
S-1-BACKYARD

Tot Ion:228	Resp:	71583
Ion Ratio	Lower	Upper
228 100		
226 31.7	22.6	33.8
229 19.2	15.8	23.6

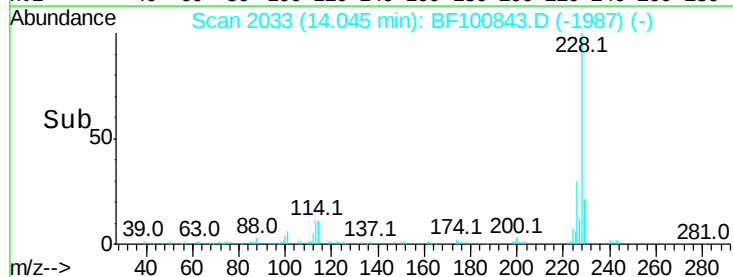
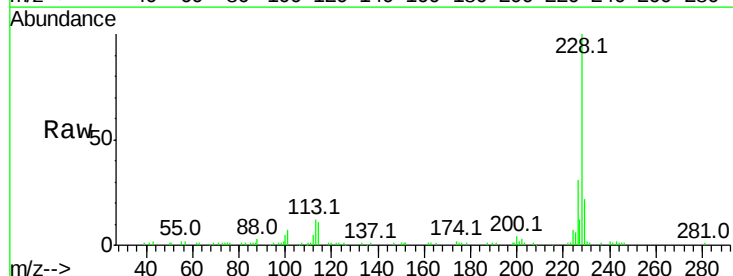
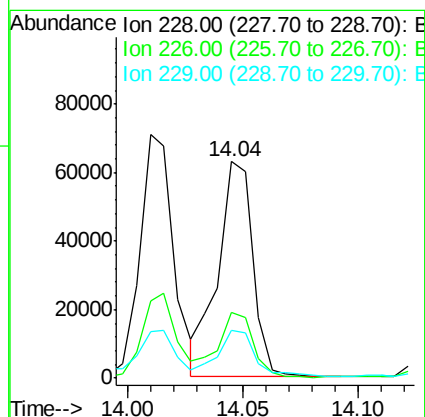
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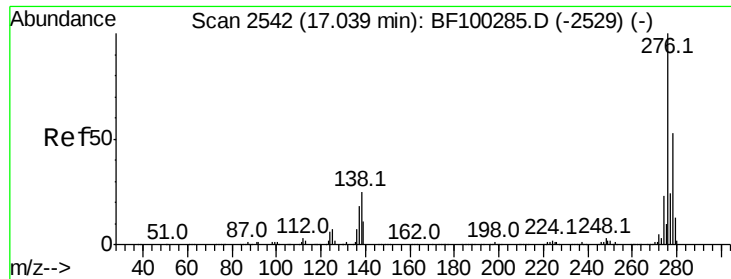
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#82
Chrysene
Concen: 7.243 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.03 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Tgt Ion:228	Resp:	66421
Ion Ratio	Lower	Upper
228 100		
226 30.6	25.0	37.6
229 22.0	16.2	24.4





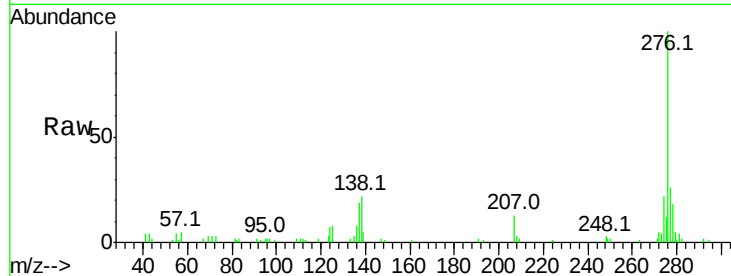
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.027 ng/ml
RT: 16.96 min Scan# 2529
Delta R.T. -0.04 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Instrument :
BNA_F
ClientSampleId :
S-1-BACKYARD

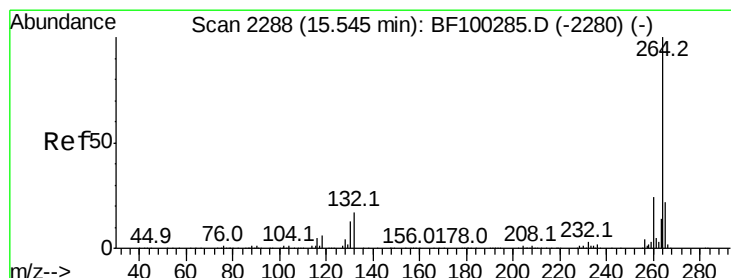
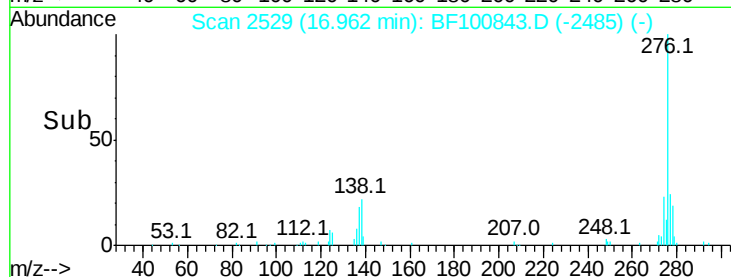
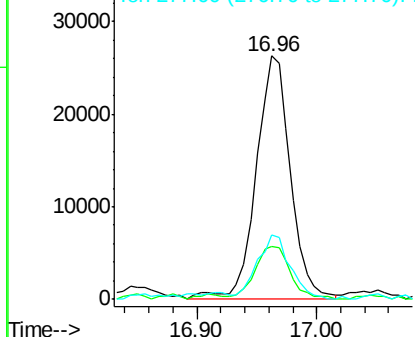
Tot Ion	Ratio	Lower	Upper
276	100		
138	1.5	25.0	37.6#
277	1.2	20.1	30.1#

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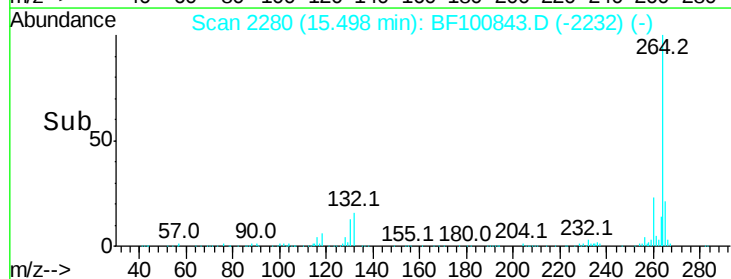
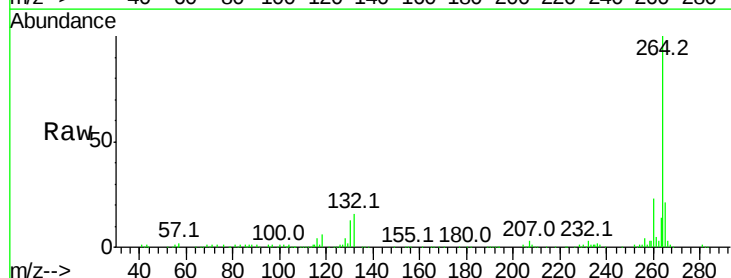
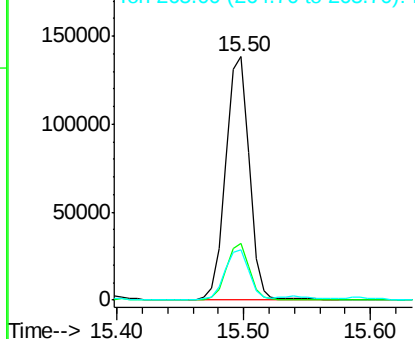
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

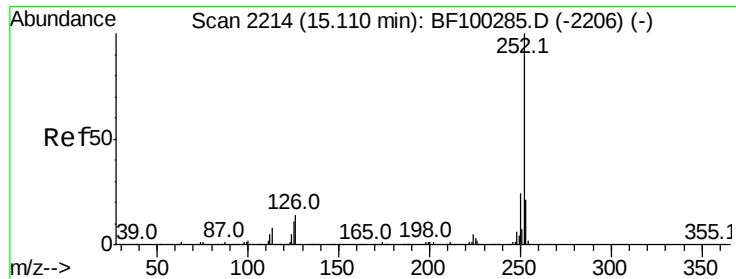


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.8	17.5	26.3

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





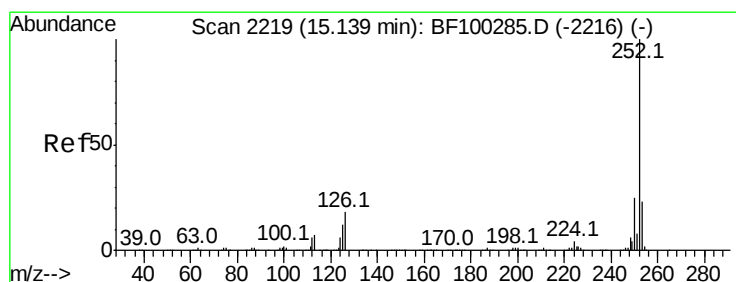
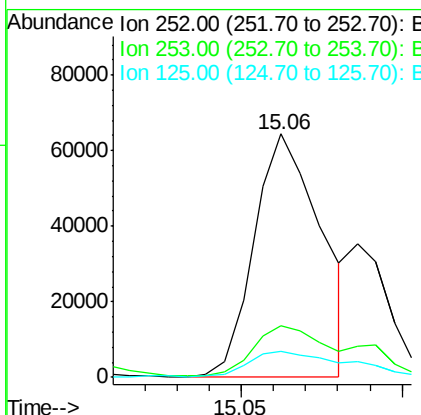
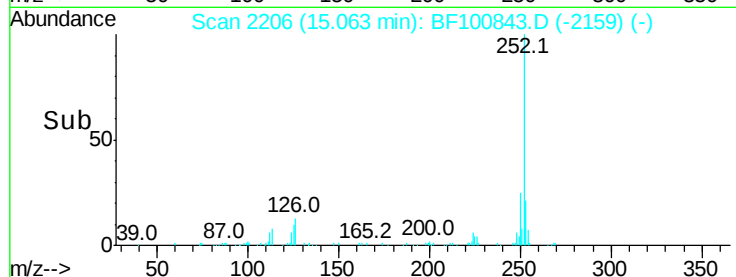
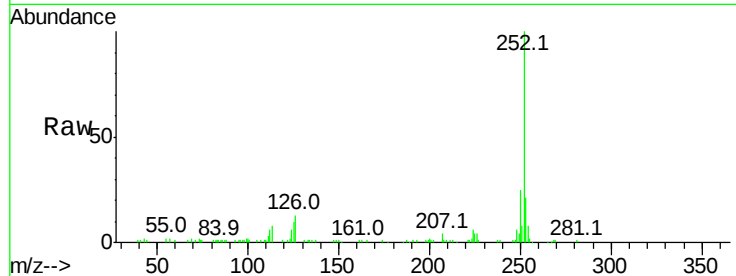
#87
Benzo(b)fluoranthene
Concen: 8.851 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Instrument :
BNA_F
ClientSampleId :
S-1-BACKYARD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	10.4	9.0	13.6

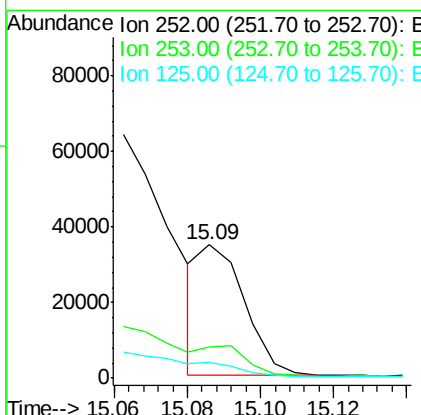
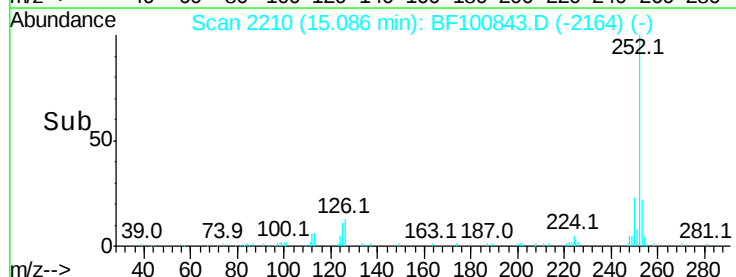
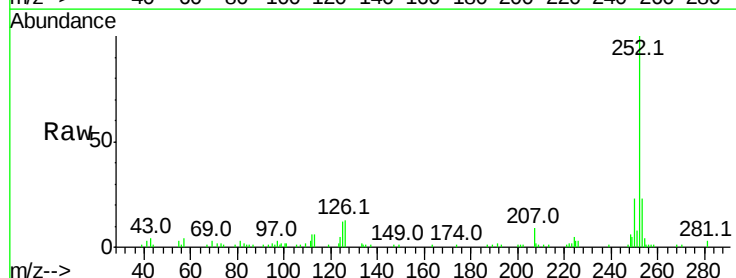
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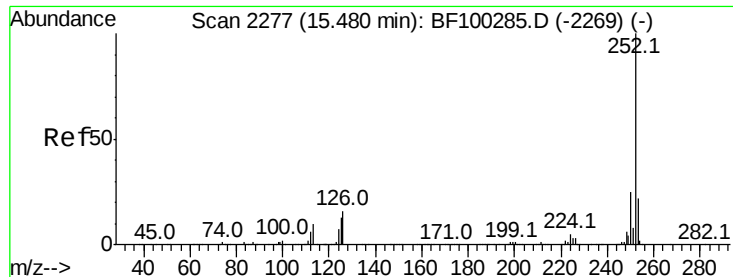
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#88
Benzo(k)fluoranthene
Concen: 2.901 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.03 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	12.0	10.2	15.2





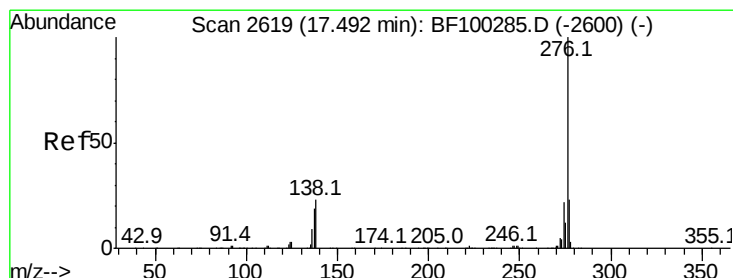
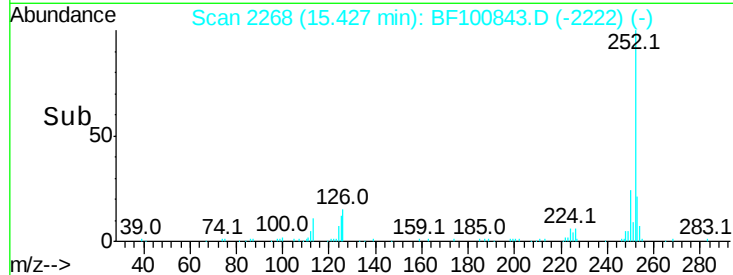
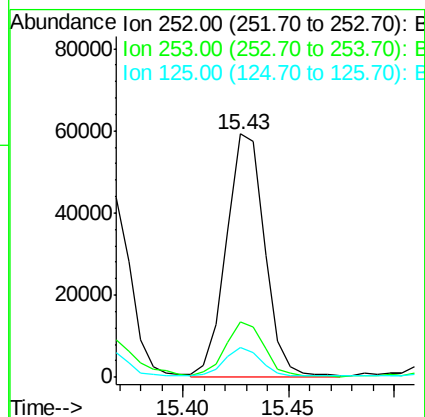
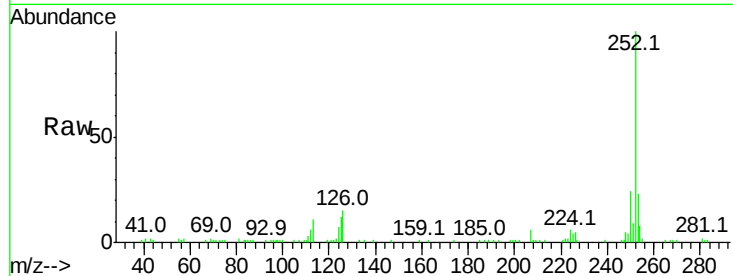
#89
Benzo(a)pyrene
Concen: 7.910 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.03 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Instrument :
BNA_F
ClientSampleId :
S-1-BACKYARD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	12.1	9.8	14.6

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#91
Benzo(g,h,i)perylene
Concen: 6.862 ng
RT: 17.41 min Scan# 2605
Delta R.T. -0.05 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	17.9	26.9
138	23.2	21.8	32.8

