

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100934.D
 Acq On : 28 Nov 2017 15:22
 Operator : SJ/JU
 Sample : I6578-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BBR-2-E(7-8)

Manual Integrations
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 11/29/2017 4:28:30 PM

Quant Time: Nov 29 06:32:56 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	68380	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	245402	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	101353	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	155854	20.00	ng	0.00
75) Chrysene-d12	14.02	240	150587	20.00	ng	0.00
86) Perylene-d12	15.49	264	162372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	382987	89.78	ng	0.00
7) Phenol-d6	6.49	99	446521	84.89	ng	0.00
23) Nitrobenzene-d5	7.42	82	271757	73.21	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	97884	94.78	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	569027	85.49	ng	0.00
78) Terphenyl-d14	12.96	244	406379	62.01	ng	0.00
Target Compounds						
10) Phenol	6.50	94	11331	2.052	ng	77
49) Dimethylphthalate	9.60	163	23600	3.050	ng	# 99
70) Phenanthrene	11.40	178	39249	4.783	ng	97
74) Fluoranthene	12.59	202	87347	10.044	ng	95
77) Pyrene	12.82	202	88945	8.286	ng	98
80) Benzo(a)anthracene	14.01	228	48274m	5.323	ng	
82) Chrysene	14.04	228	55469m	6.317	ng	
85) Indeno(1,2,3-cd)pyrene	16.96	276	35055	4.935	ng	# 88
87) Benzo(b)fluoranthene	15.06	252	78580m	8.169	ng	
88) Benzo(k)fluoranthene	15.09	252	22132m	2.435	ng	
89) Benzo(a)pyrene	15.43	252	53695	6.296	ng	97
91) Benzo(a,h,i)perylene	17.41	276	31989	4.686	ng	# 93

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

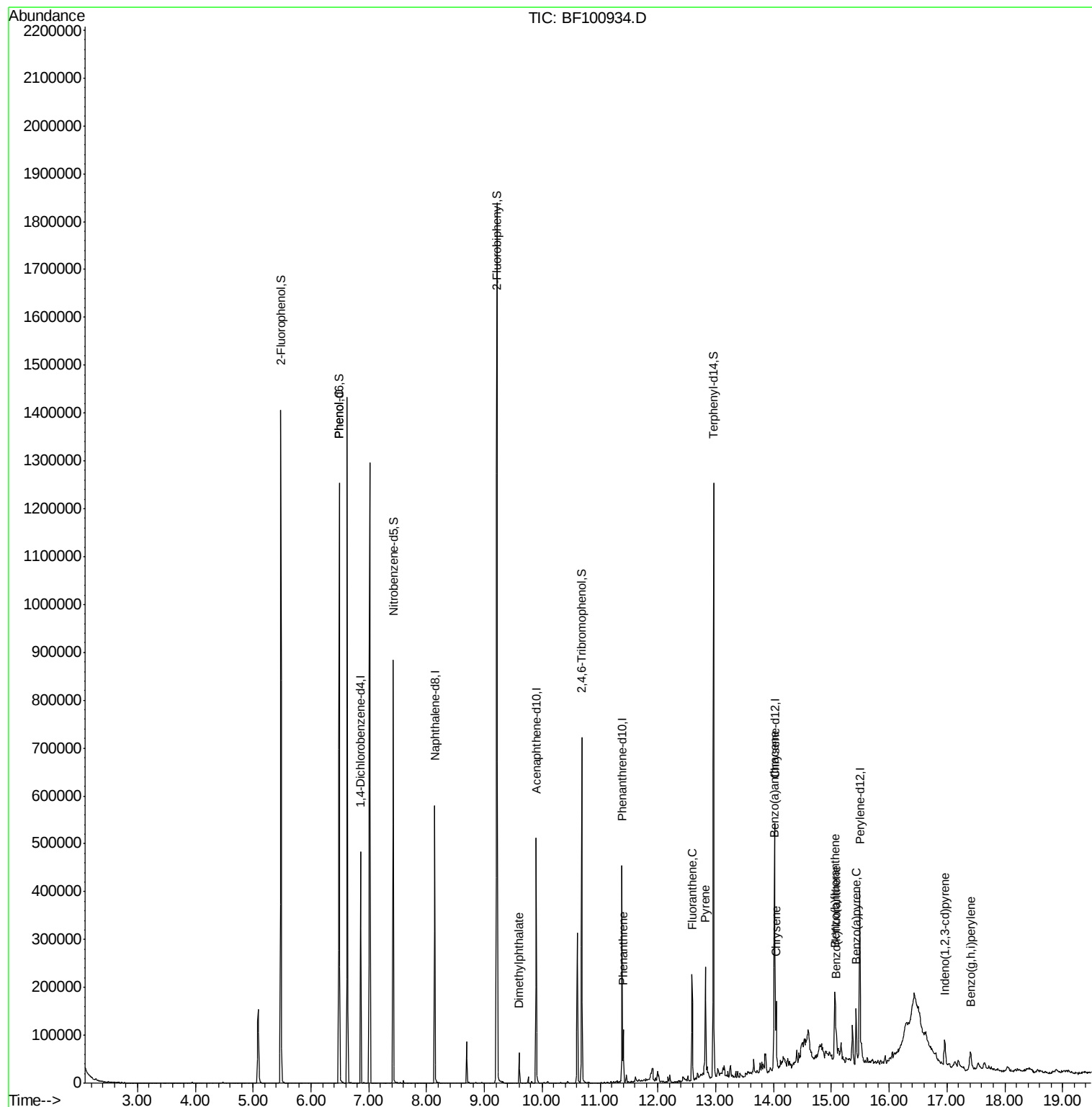
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100934.D
Acq On : 28 Nov 2017 15:22
Operator : SJ/JU
Sample : I6578-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

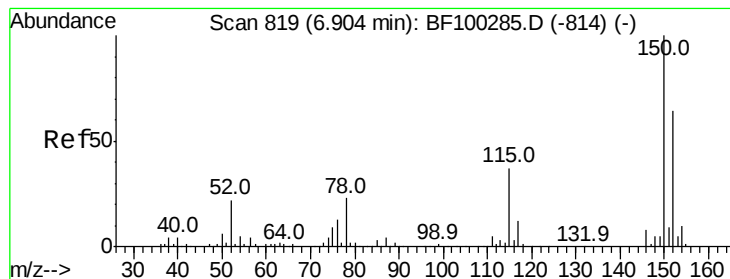
Instrument :
BNA_F
ClientSampleId :
BBR-2-E(7-8)

Manual Integrations
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#1

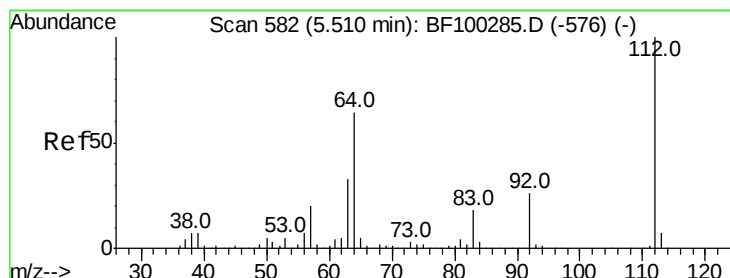
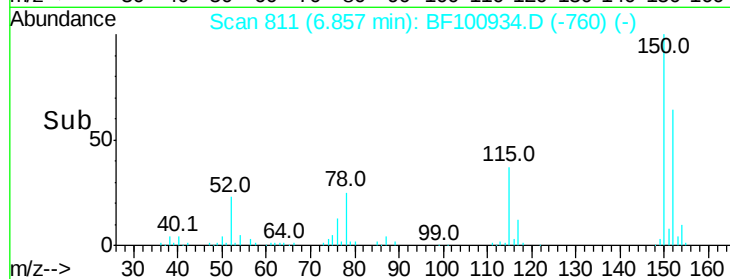
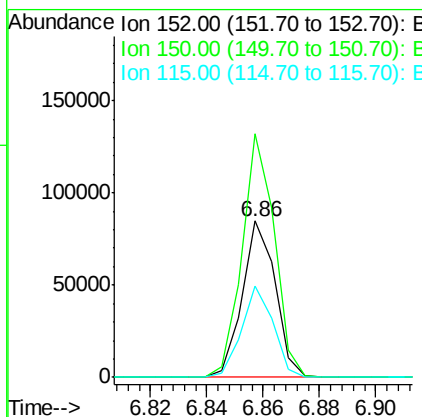
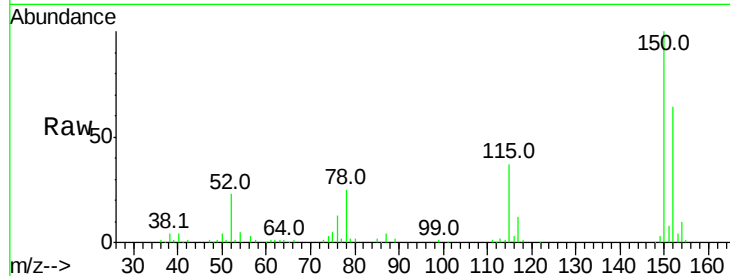
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100934.D
Acq: 28 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
BBR-2-E(7-8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	58.2	50.1	75.1

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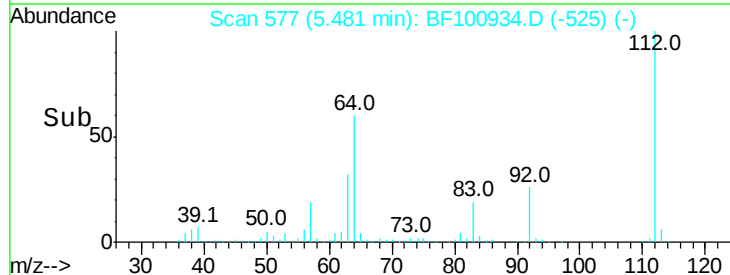
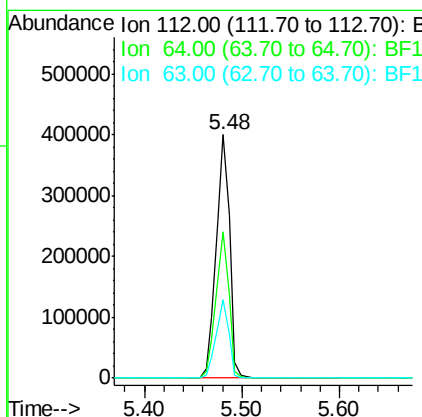
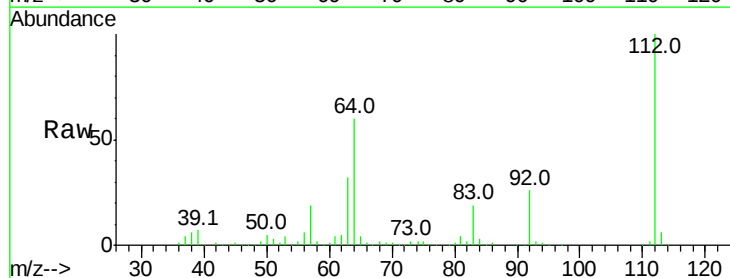
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#5

2-Fluorophenol
Concen: 89.781 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF100934.D
Acq: 28 Nov 2017 15:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	32.3	23.7	35.5





#7

Phenol-d6

Concen: 84.885 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF100934.D

Acq: 28 Nov 2017 15:22

Instrument :

BNA_F

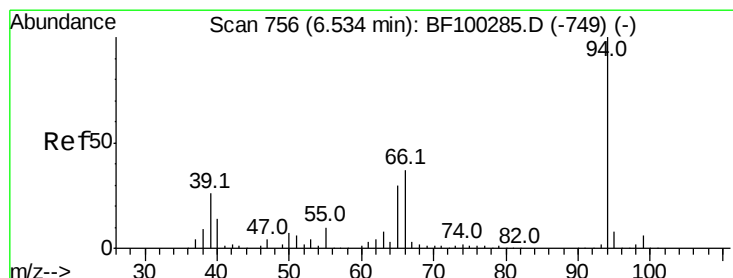
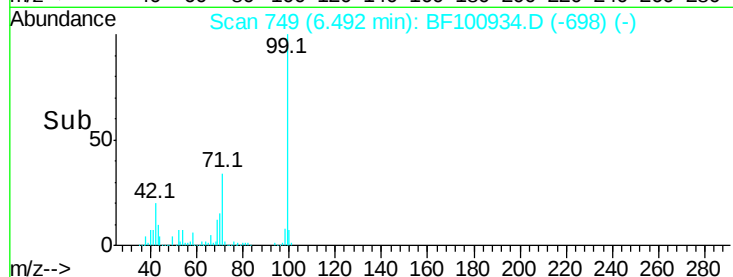
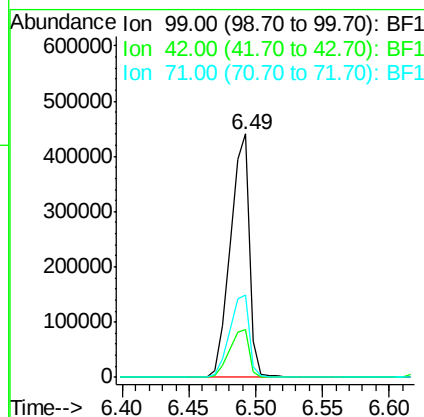
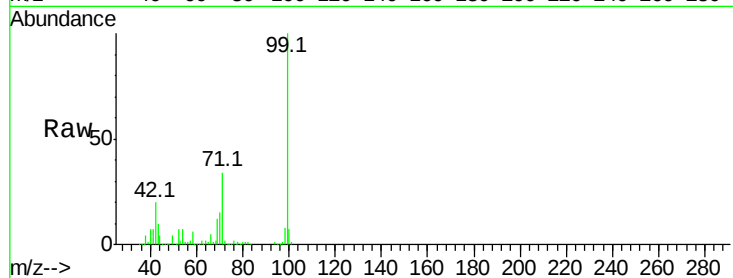
ClientSampleId :

BBR-2-E(7-8)

Tot Ion:	99	Resp:	446521
Ion Ratio	Lower	Upper	
99	100		
42	19.6	14.5	21.7
71	33.9	25.4	38.0

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#10

Phenol

Concen: 2.052 ng

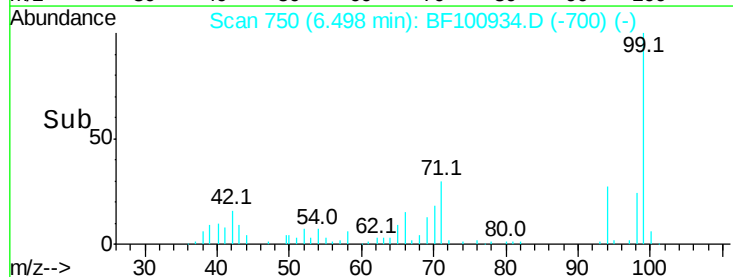
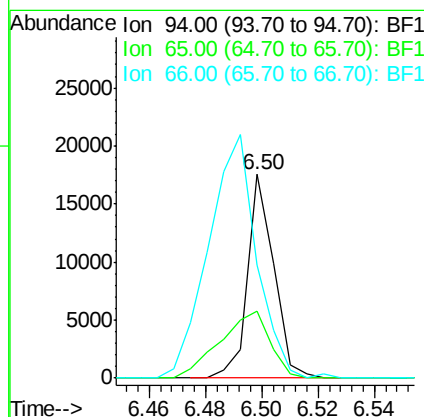
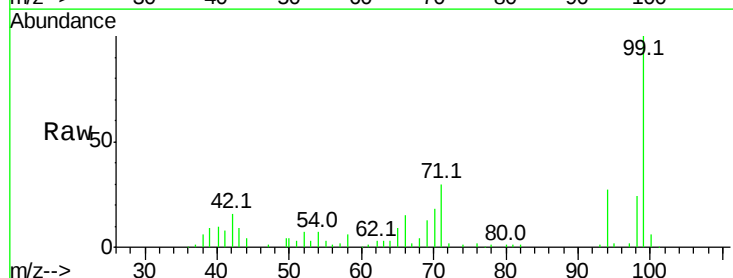
RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100934.D

Acq: 28 Nov 2017 15:22

Tgt Ion:	94	Resp:	11331
Ion Ratio	Lower	Upper	
94	100		
65	33.0	7.9	47.9
66	55.5	16.2	56.2





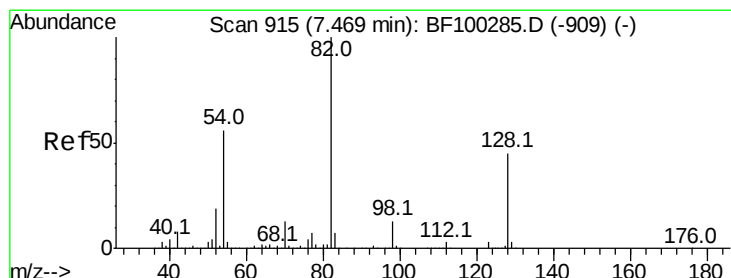
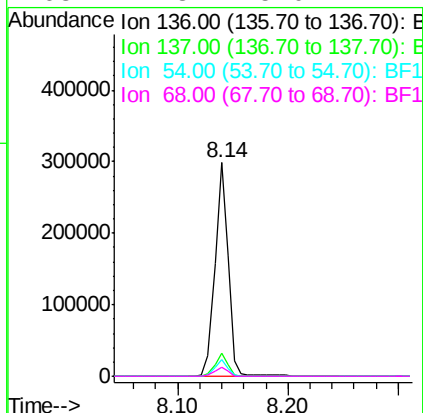
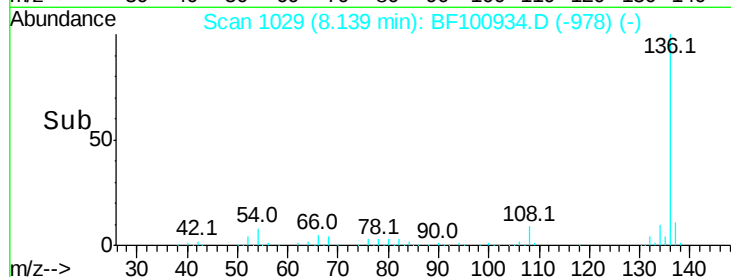
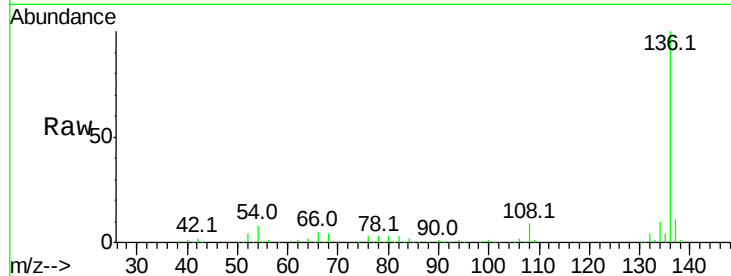
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF100934.D
Acq: 28 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
BBR-2-E(7-8)

Tot Ion	136	Resp	245402
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.9	13.3
54	7.5	6.6	9.8
68	4.3	5.0	7.4#

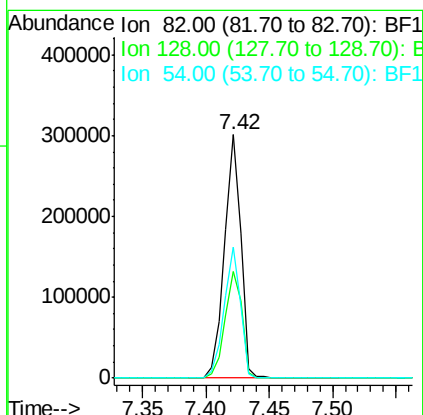
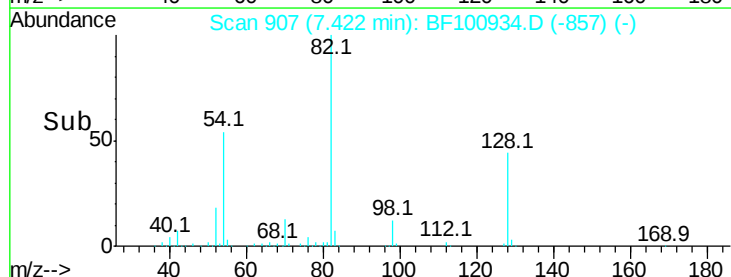
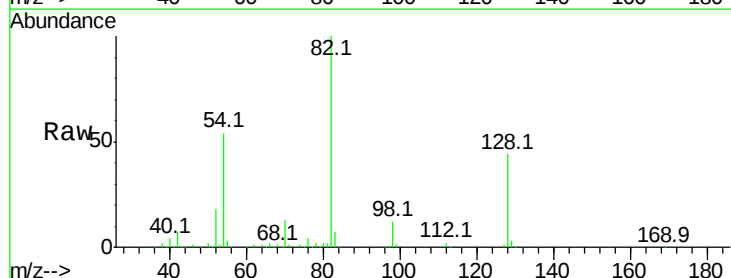
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#23
Nitrobenzene-d5
Concen: 73.214 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100934.D
Acq: 28 Nov 2017 15:22

Tgt Ion	82	Resp	271757
Ion Ratio	Lower	Upper	
82	100		
128	43.9	36.1	54.1
54	53.9	41.4	62.2





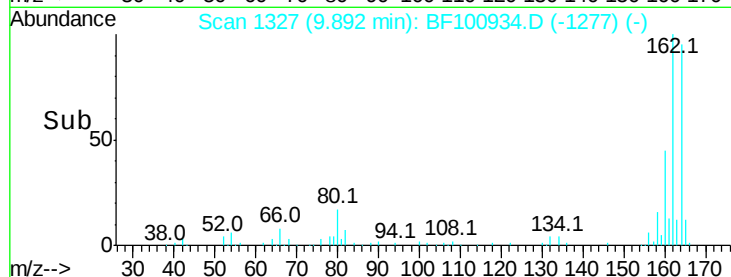
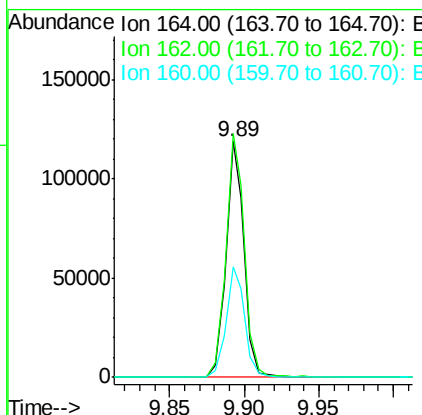
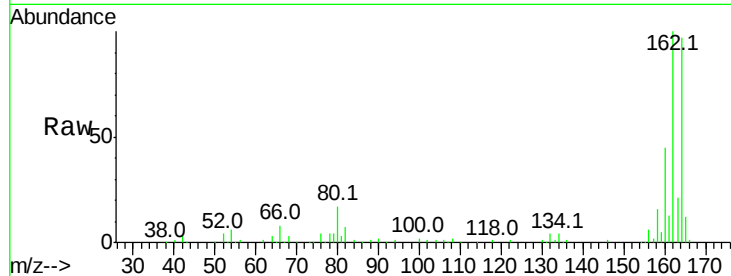
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100934.D
Acq: 28 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
BBR-2-E(7-8)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	101353		
162	103.4	86.1	129.1	
160	47.0	38.3	57.5	

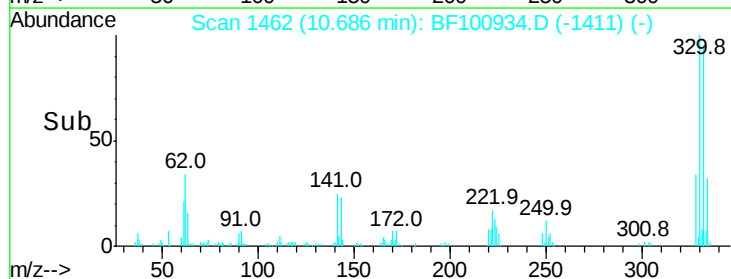
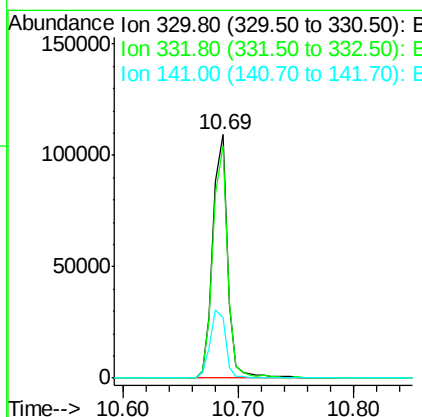
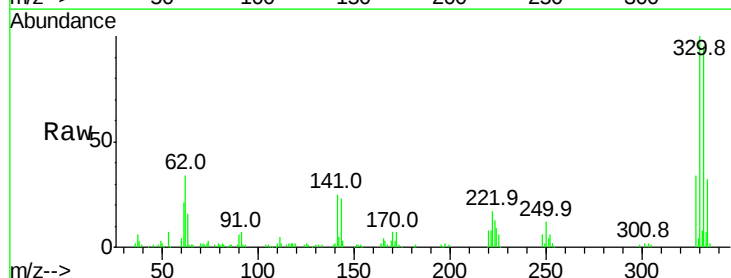
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#41
2,4,6-Tribromophenol
Concen: 94.777 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BF100934.D
Acq: 28 Nov 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	97884		
332	95.1	77.0	115.6	
141	29.1	29.9	44.9#	





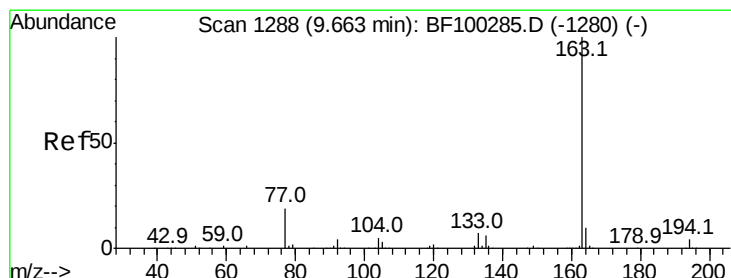
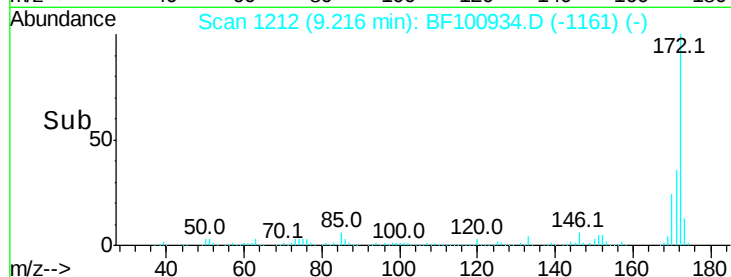
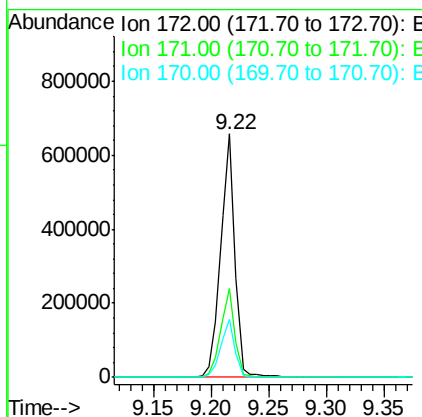
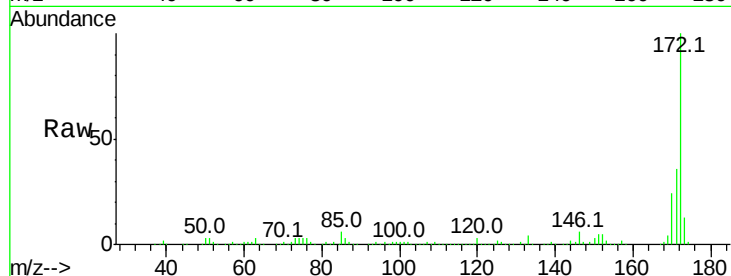
#44
2-Fluorobiphenyl
Concen: 85.490 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF100934.D
Acq: 28 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
BBR-2-E(7-8)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	569027		
171	36.2		29.7	44.5
170	24.0		19.6	29.4

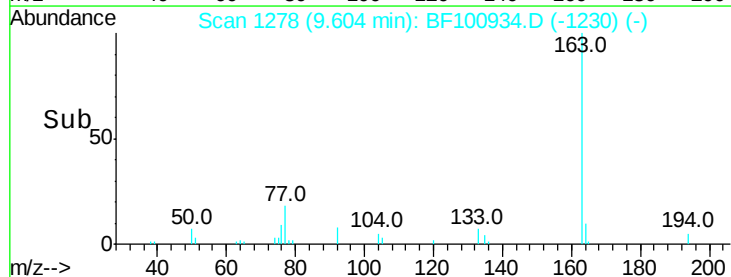
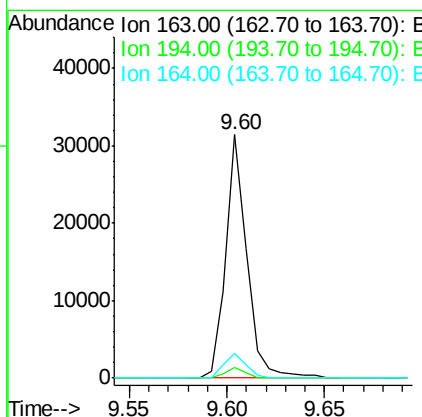
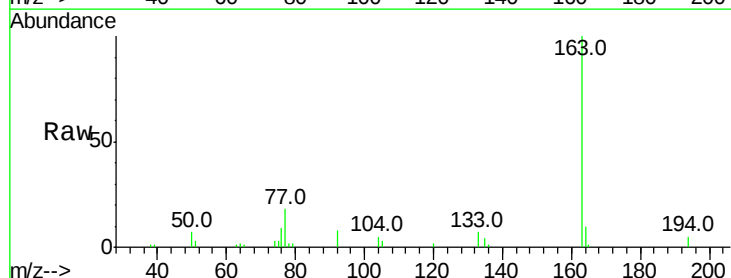
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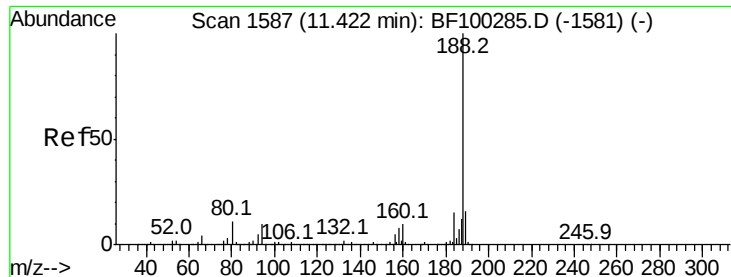
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#49
Dimethylphthalate
Concen: 3.050 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100934.D
Acq: 28 Nov 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	23600		
194	4.6		2.7	4.1#
164	10.2		8.2	12.2





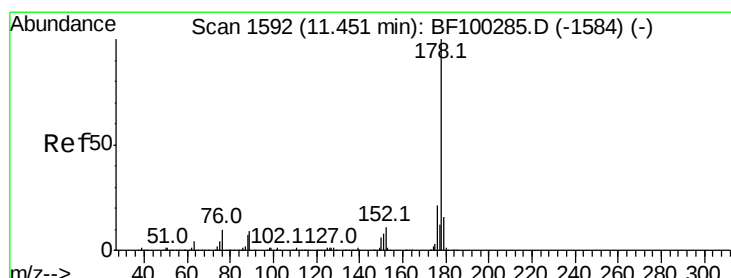
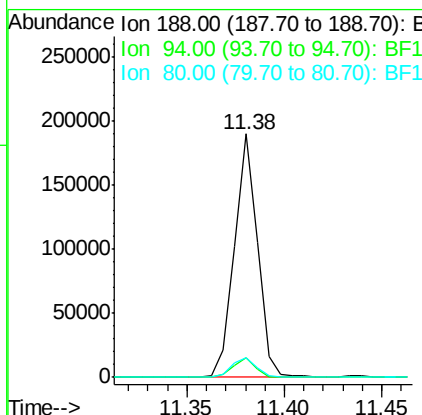
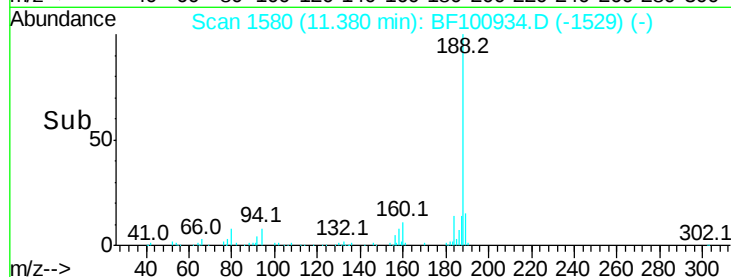
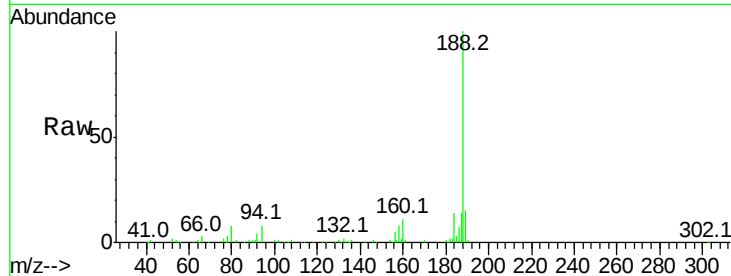
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF100934.D
Acq: 28 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
BBR-2-E(7-8)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.1	9.2	13.8#

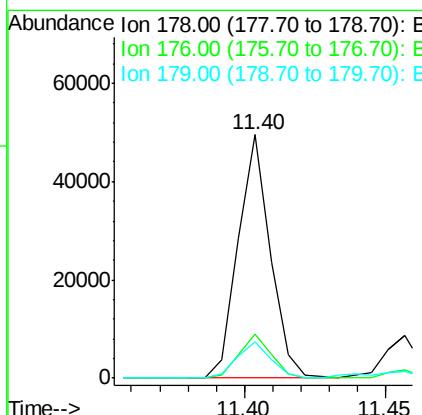
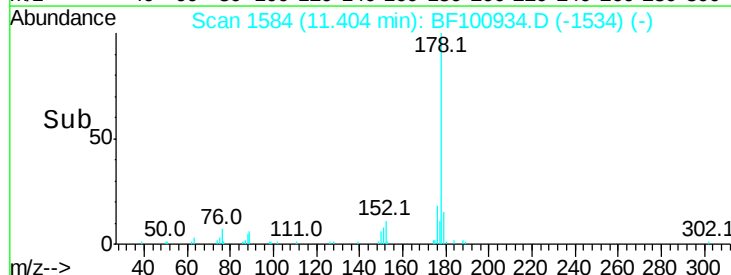
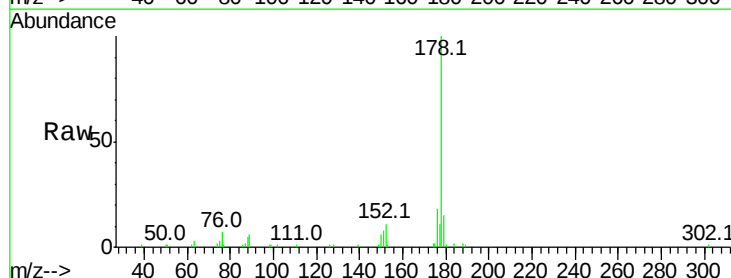
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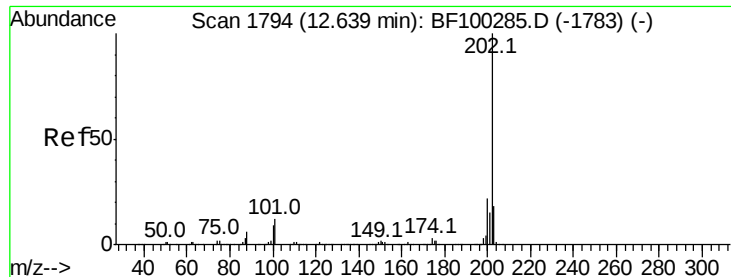
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#70
Phenanthrene
Concen: 4.783 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100934.D
Acq: 28 Nov 2017 15:22

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.0	15.8	23.8
179	15.1	13.0	19.6





#74

Fluoranthene

Concen: 10.044 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF100934.D

Acq: 28 Nov 2017 15:22

Instrument :

BNA_F

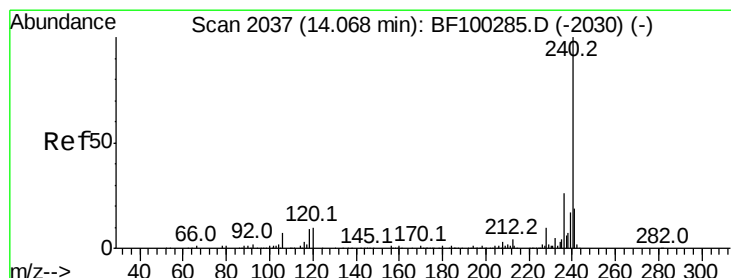
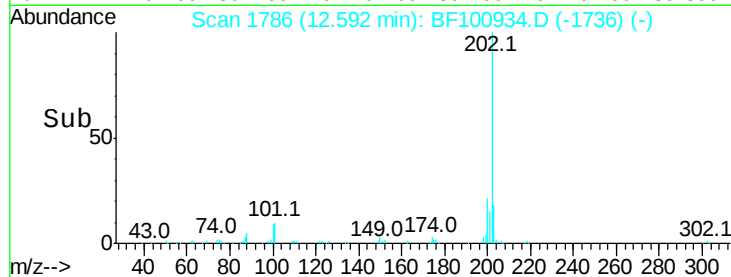
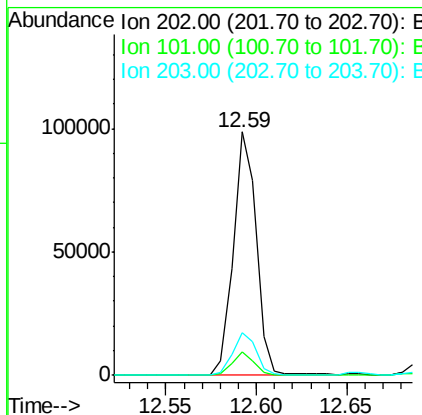
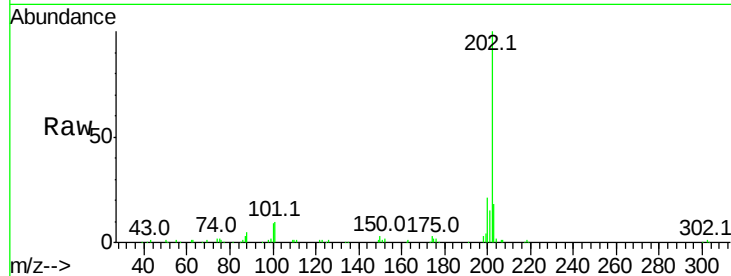
ClientSampleId :

BBR-2-E(7-8)

Tot Ion:	202	Resp:	87347
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	34.1
203	17.5	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

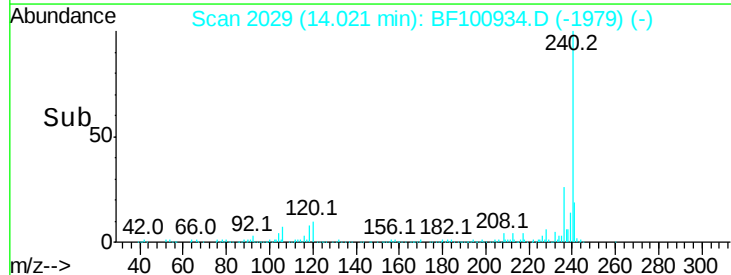
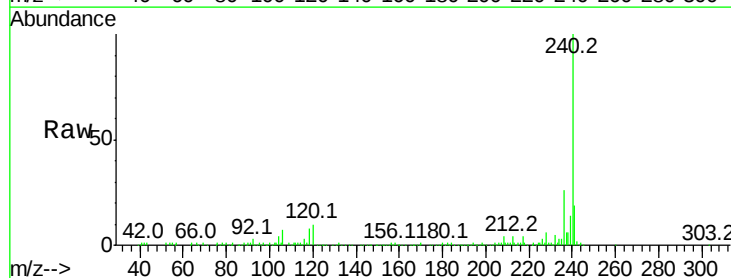
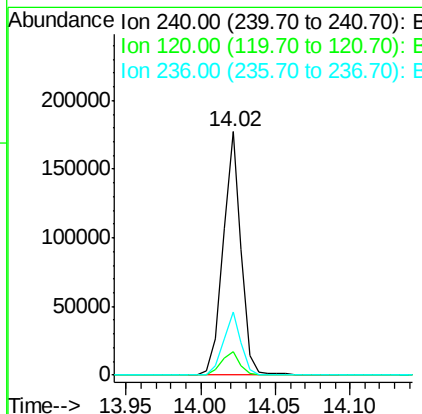
RT: 14.02 min Scan# 2029

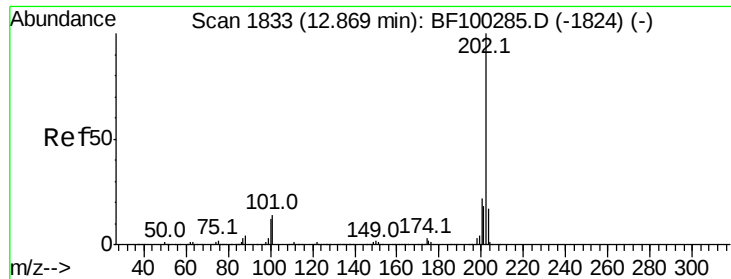
Delta R.T. -0.01 min

Lab File: BF100934.D

Acq: 28 Nov 2017 15:22

Tgt Ion:	240	Resp:	150587
Ion Ratio	Lower	Upper	
240	100		
120	9.8	9.5	14.3
236	26.0	20.7	31.1





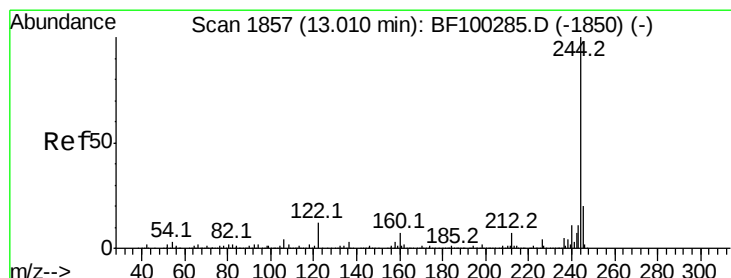
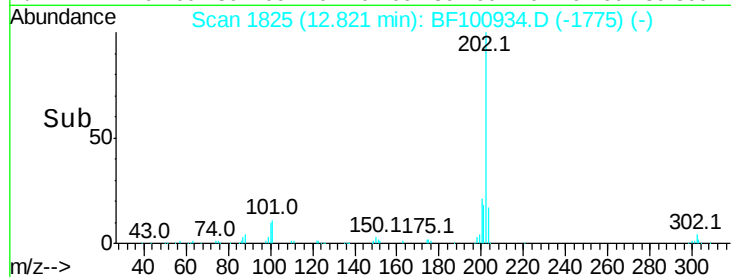
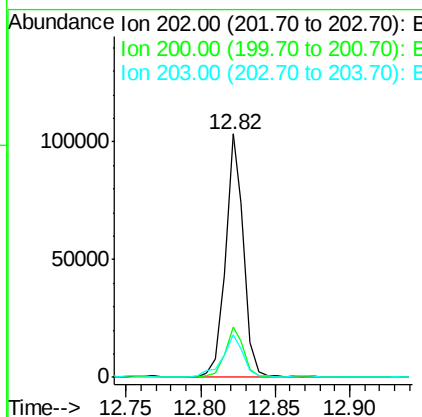
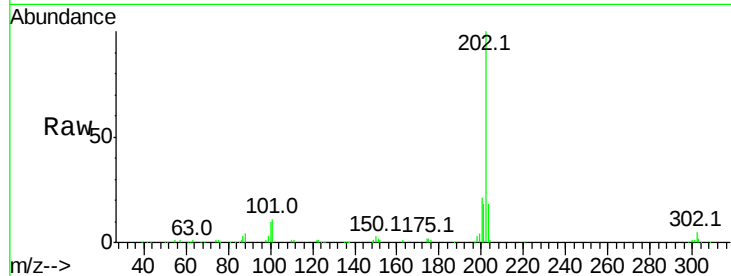
#77
Pvrene
Concen: 8.286 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF100934.D
Acq: 28 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
BBR-2-E(7-8)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.5	14.3	21.5

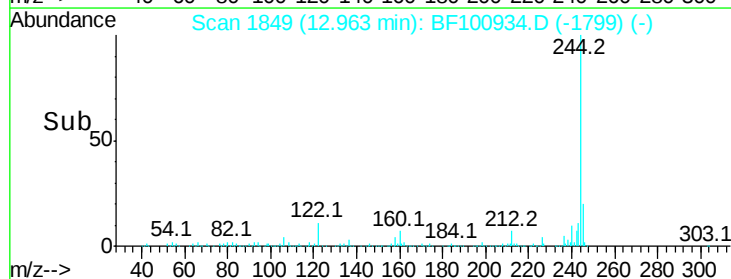
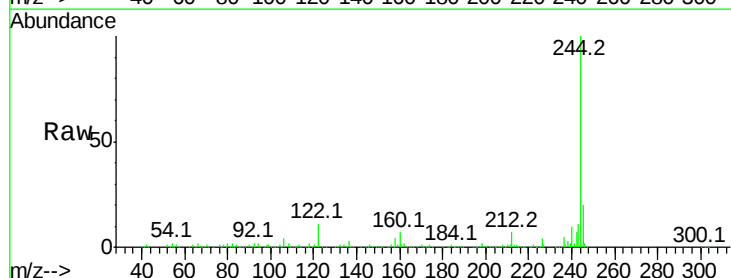
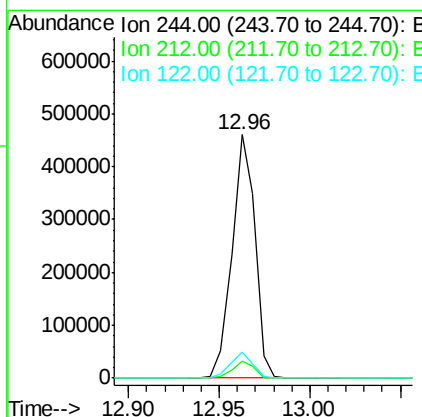
Manual Integrations
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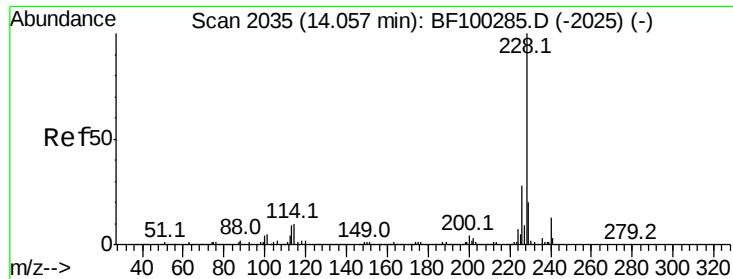
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#78
Terphenyl-d14
Concen: 62.007 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF100934.D
Acq: 28 Nov 2017 15:22

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.7	11.0	16.4#





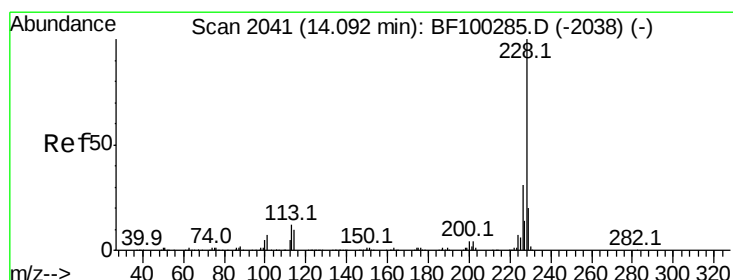
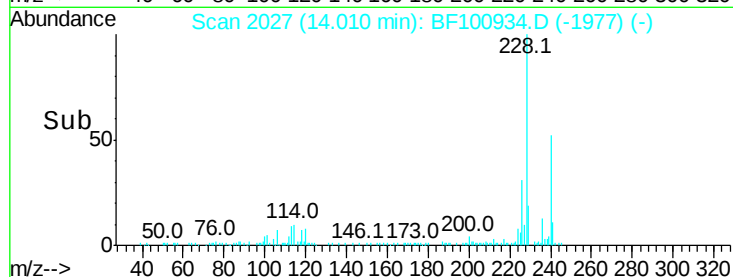
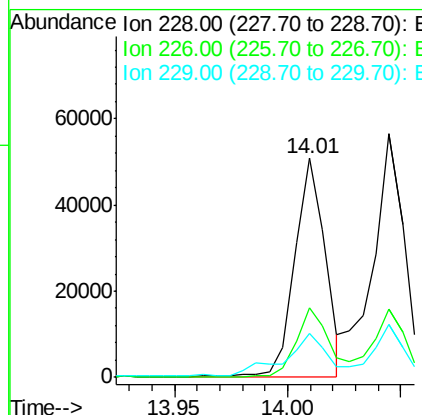
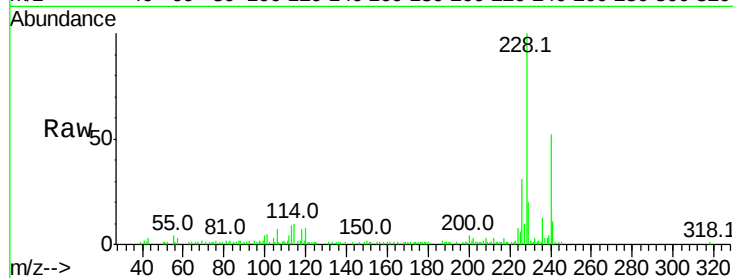
#80
Benzo(a)anthracene
Concen: 5.323 ng m
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF100934.D
Acq: 28 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
BBR-2-E(7-8)

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.6	33.8
229	19.9	15.8	23.6

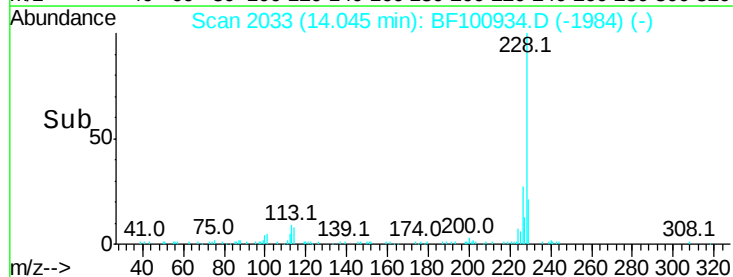
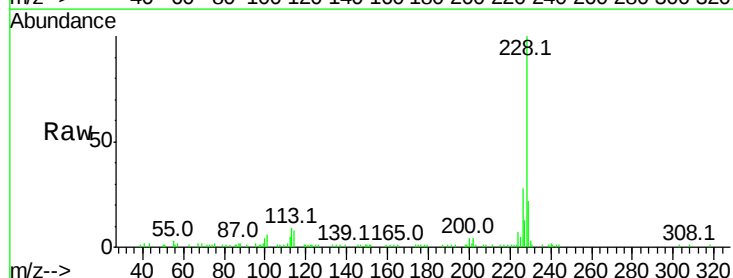
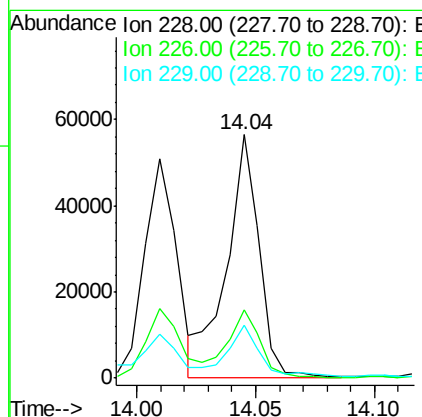
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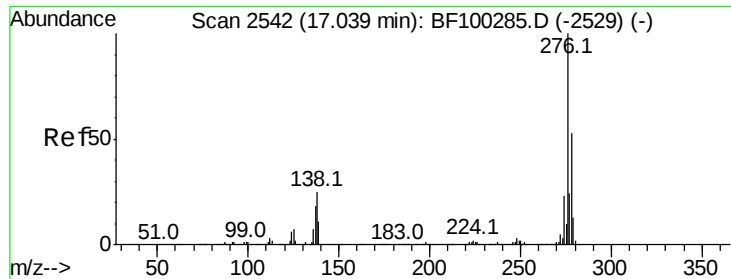
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#82
Chrysene
Concen: 6.317 ng m
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF100934.D
Acq: 28 Nov 2017 15:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	25.0	37.6
229	21.7	16.2	24.4





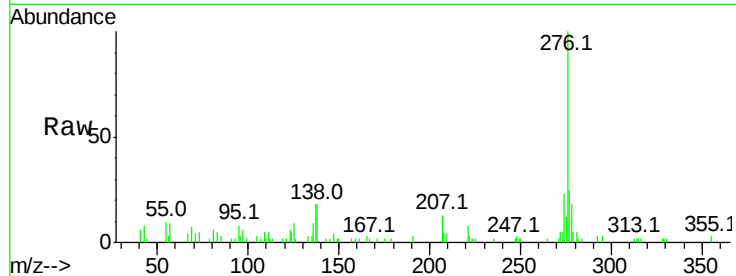
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.935 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF100934.D
Acq: 28 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
BBR-2-E(7-8)

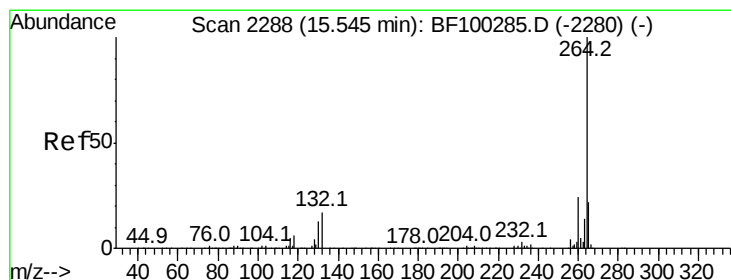
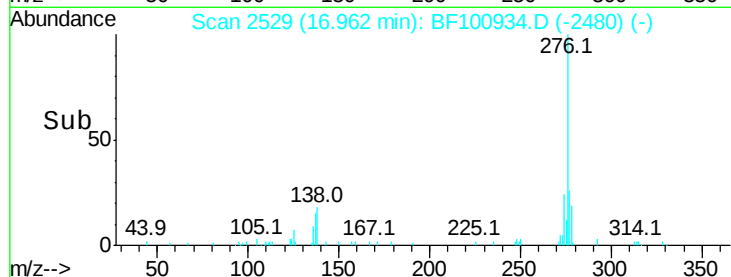
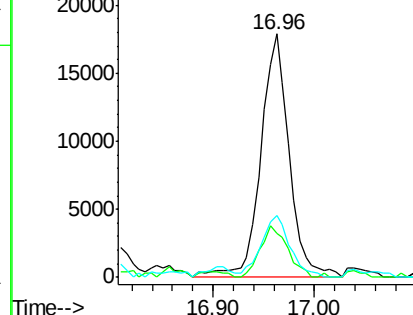
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.3	25.0	37.6#
277	25.9	20.1	30.1

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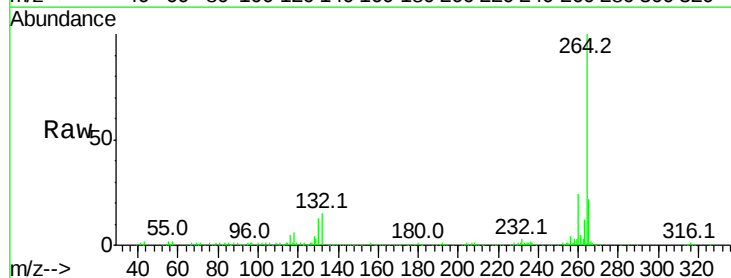


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

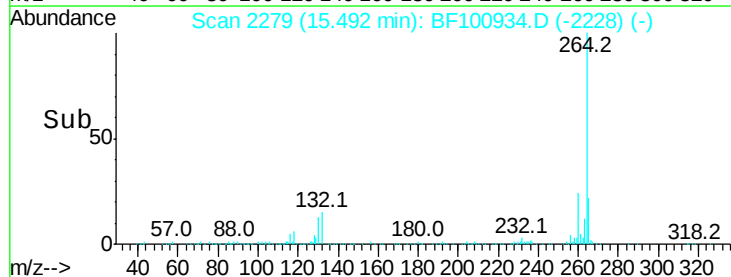
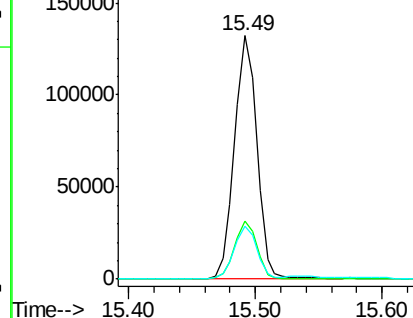


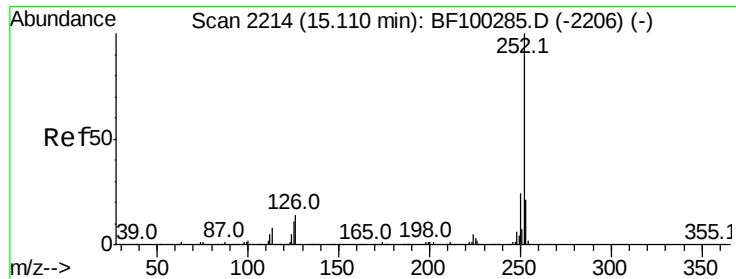
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF100934.D
Acq: 28 Nov 2017 15:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.7	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





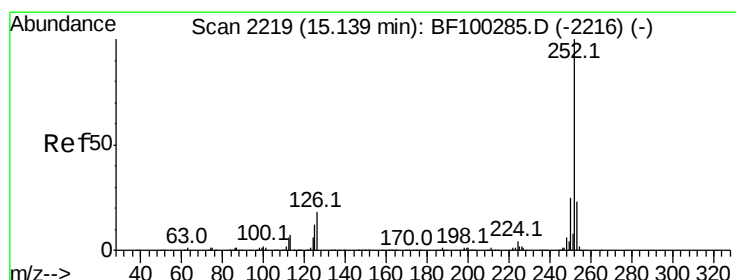
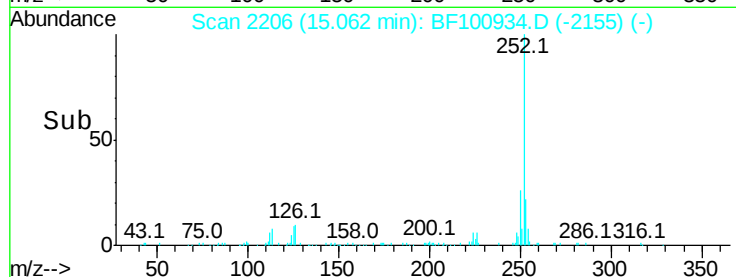
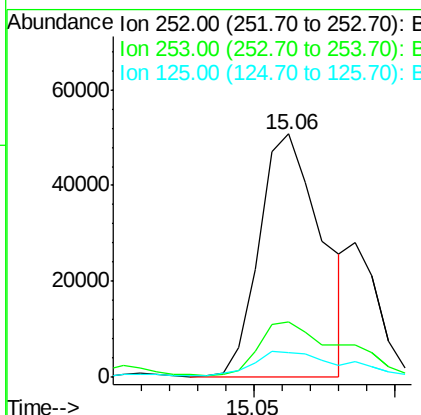
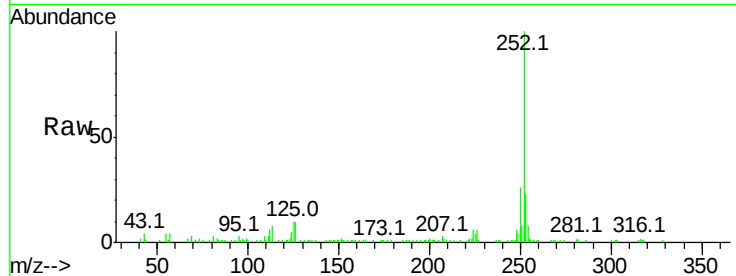
#87
Benzo(b)fluoranthene
Concen: 8.169 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF100934.D
Acq: 28 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
BBR-2-E(7-8)

Tot Ion:	252	Resp:	78580
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.0	25.6
125	10.3	9.0	13.6

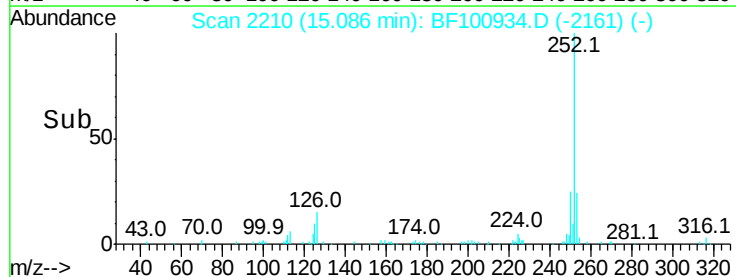
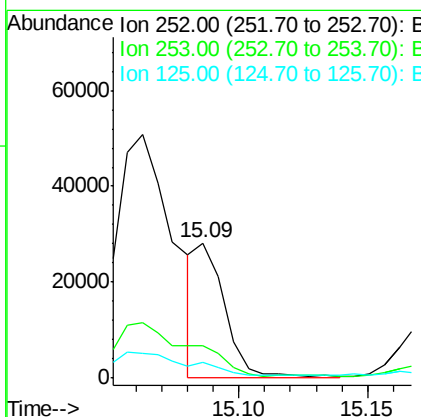
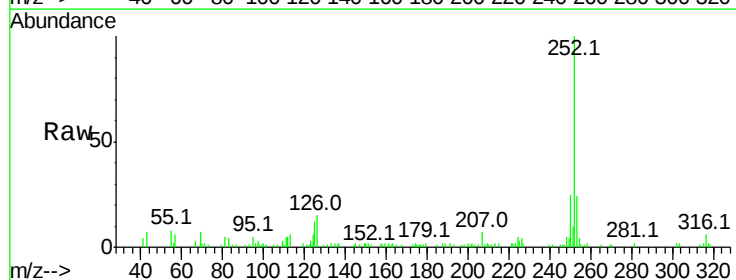
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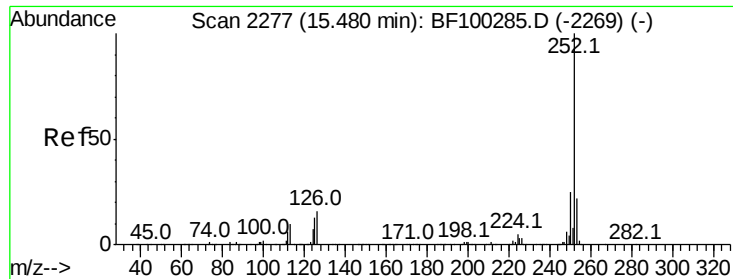
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#88
Benzo(k)fluoranthene
Concen: 2.435 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF100934.D
Acq: 28 Nov 2017 15:22

Tgt Ion:	252	Resp:	22132
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.9	26.9
125	11.9	10.2	15.2





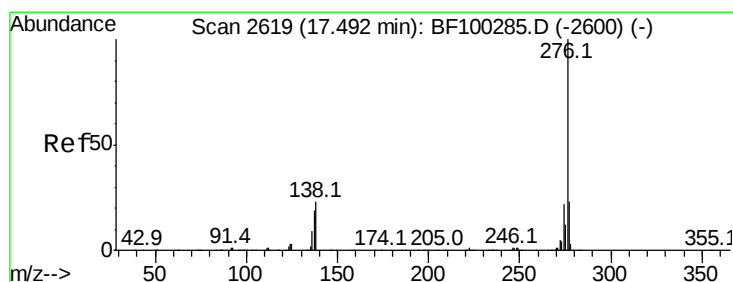
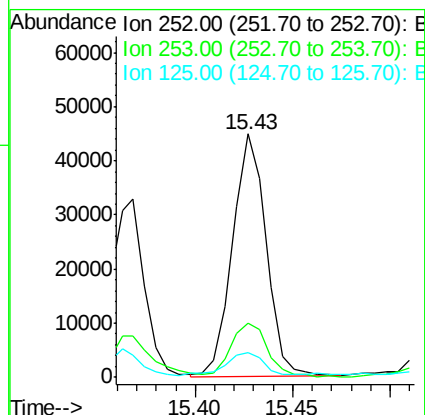
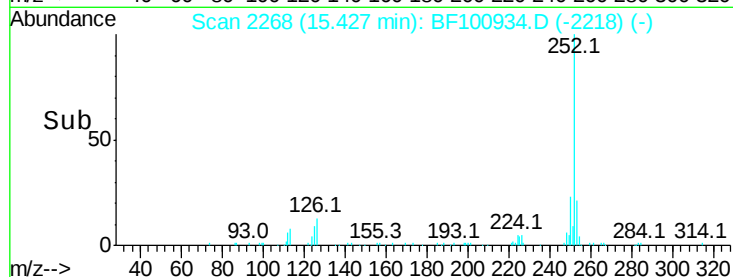
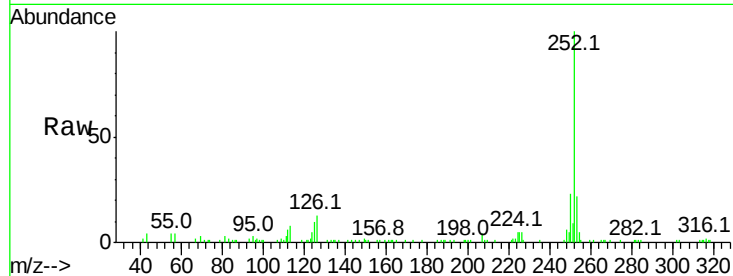
#89
Benzo(a)pyrene
Concen: 6.296 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF100934.D
Acq: 28 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
BBR-2-E(7-8)

Tot Ion:	252	Resp:	53695
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.1	25.7
125	10.3	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.686 ng
RT: 17.41 min Scan# 2605
Delta R.T. -0.01 min
Lab File: BF100934.D
Acq: 28 Nov 2017 15:22

Tgt Ion:	276	Resp:	31989
Ion Ratio	Lower	Upper	
276	100		
277	23.1	17.9	26.9
138	21.1	21.8	32.8#

