

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100816.D
 Acq On : 22 Nov 2017 10:36
 Operator : SJ/JU
 Sample : I6466-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHAP-2-E(0-1)

Manual Integrations
 APPROVED

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 11/27/2017 3:19:23 PM

Quant Time: Nov 22 17:41:15 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	6.87	152	79404	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	311578	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	140362	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	252405	20.00	ng	0.00
75) Chrysene-d12	14.03	240	162954	20.00	ng	-0.01
86) Perylene-d12	15.51	264	176524	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	402835	81.32	ng	0.00
7) Phenol-d6	6.50	99	504279	82.56	ng	-0.01
23) Nitrobenzene-d5	7.43	82	317789	67.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	131107	91.66	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	642464	69.70	ng	-0.01
78) Terphenyl-d14	12.98	244	463445	65.35	ng	0.00
Target Compounds						
10) Phenol	6.51	94	27318	4.260	ng	98
49) Dimethylphthalate	9.62	163	27012	2.521	ng	# 97
70) Phenanthrene	11.42	178	39336	2.960	ng	98
74) Fluoranthene	12.60	202	77464	5.500	ng	95
77) Pyrene	12.84	202	87907	7.568	ng	98
80) Benzo(a)anthracene	14.02	228	49262	5.020	ng	98
82) Chrysene	14.06	228	46146	4.856	ng	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	29701	3.864	ng	93
87) Benzo(b)fluoranthene	15.07	252	59891m	5.727	ng	
88) Benzo(k)fluoranthene	15.10	252	21977m	2.224	ng	
89) Benzo(a)pyrene	15.44	252	48375	5.218	ng	97
91) Benzo(a,h,i)perylene	17.44	276	33434	4.505	ng	94

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

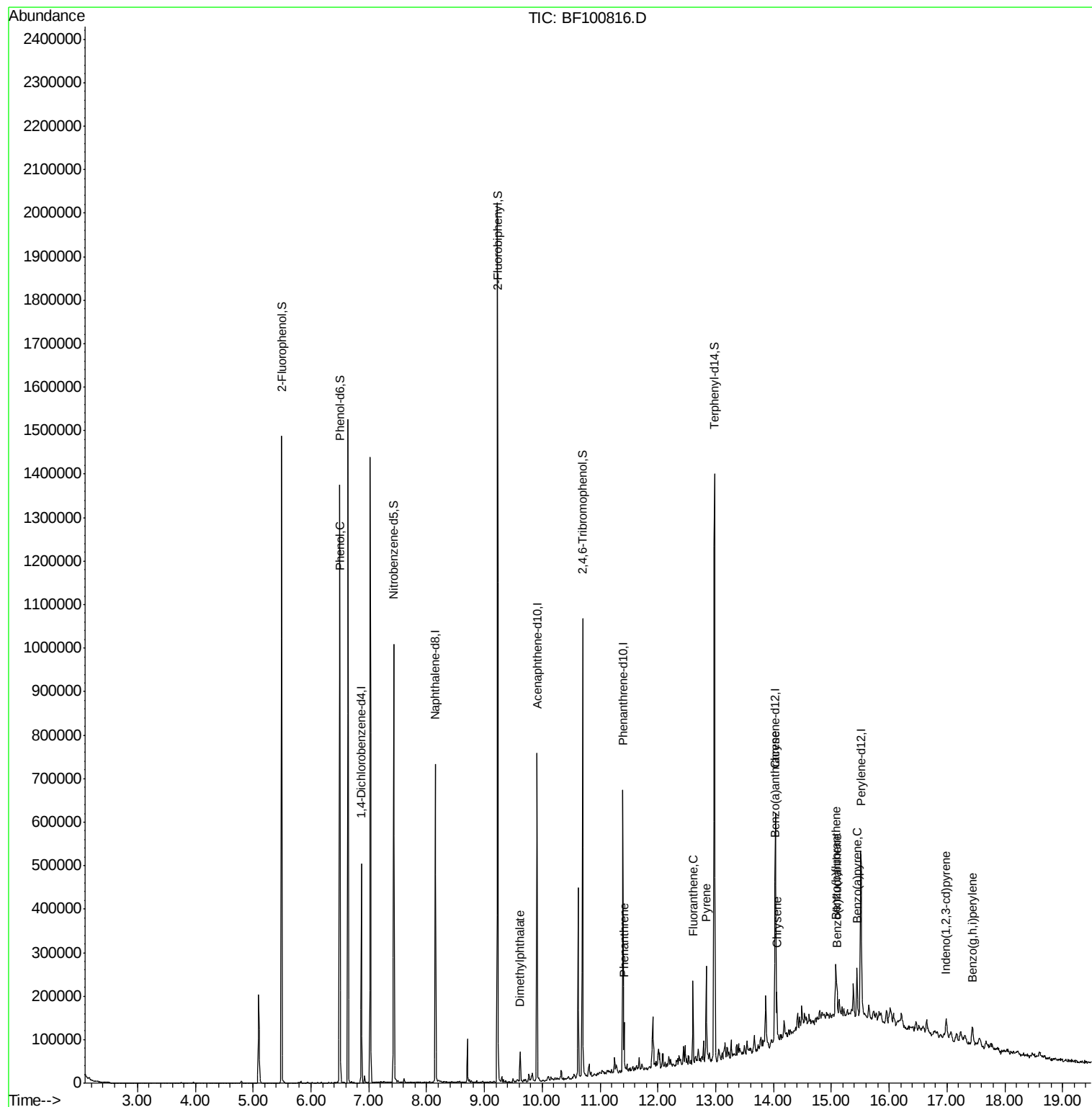
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100816.D
Acq On : 22 Nov 2017 10:36
Operator : SJ/JU
Sample : I6466-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(0-1)

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
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#1

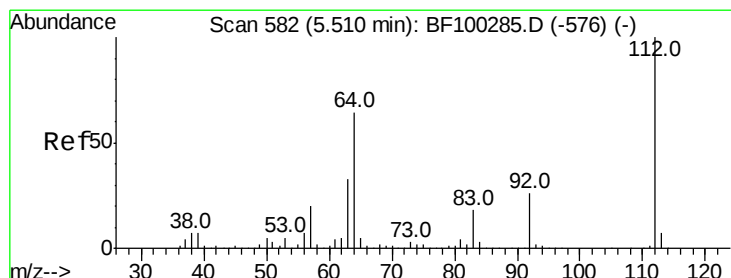
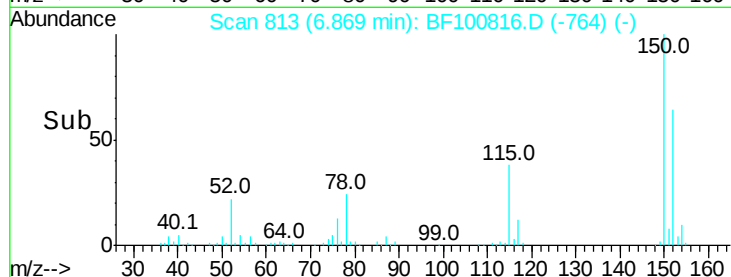
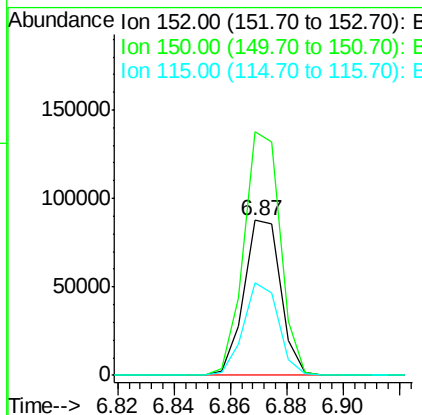
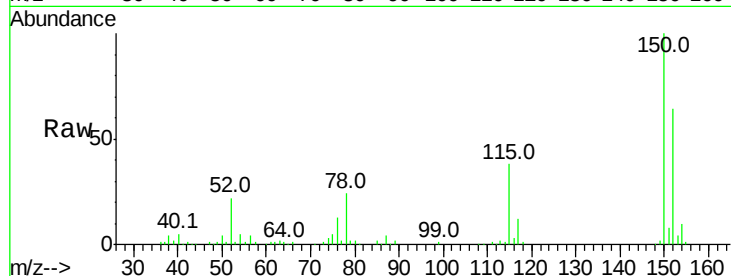
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100816.D
Acq: 22 Nov 2017 10:36

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	59.6	50.1	75.1

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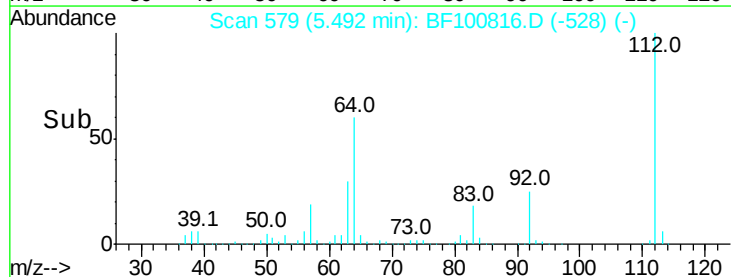
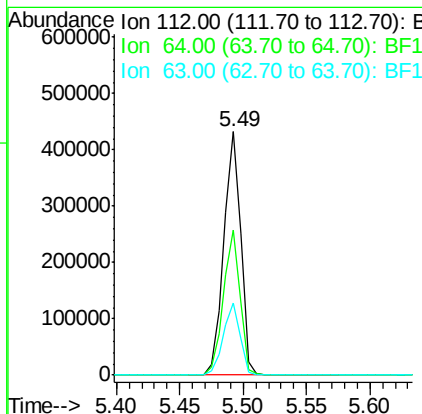
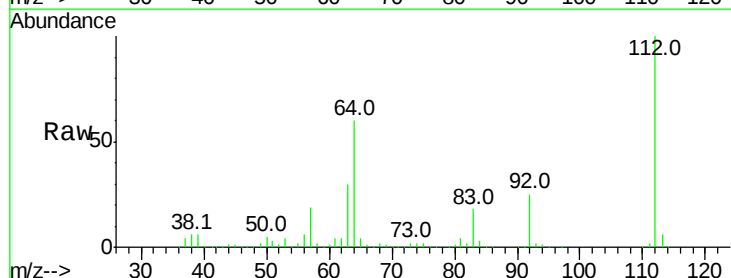
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#5

2-Fluorophenol
Concen: 81.323 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF100816.D
Acq: 22 Nov 2017 10:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.9	71.9
63	29.8	23.7	35.5





#7

Phenol-d6

Concen: 82.556 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100816.D

Acq: 22 Nov 2017 10:36

Instrument :

BNA_F

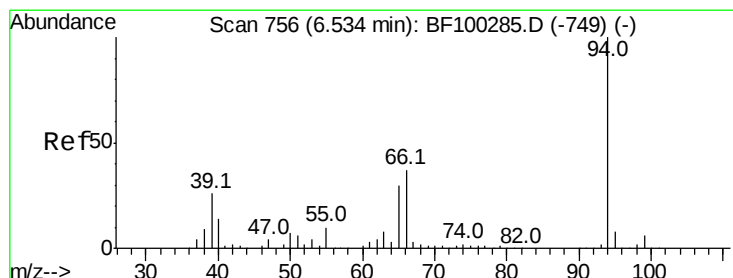
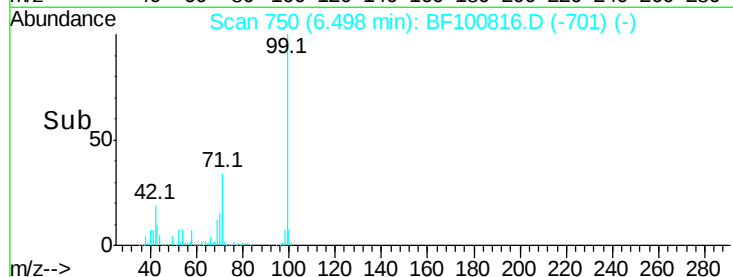
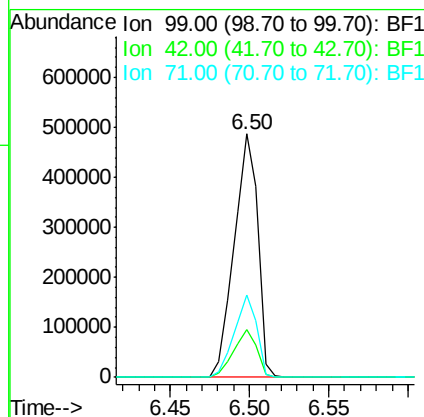
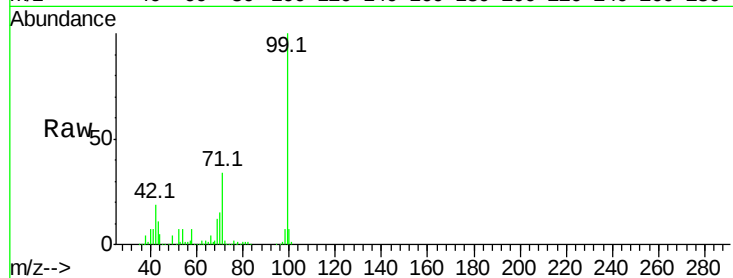
ClientSampleId :

CHAP-2-E(0-1)

Tot Ion:	99	Resp:	504279
Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	33.9	25.4	38.0

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#10

Phenol

Concen: 4.260 ng

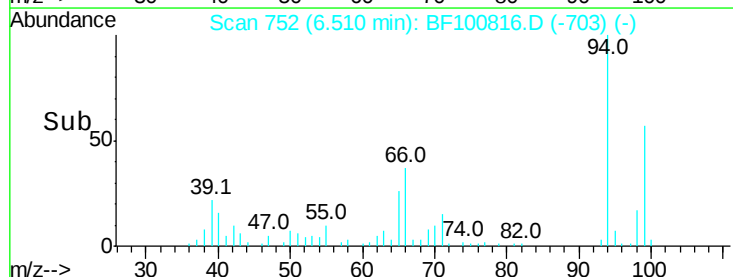
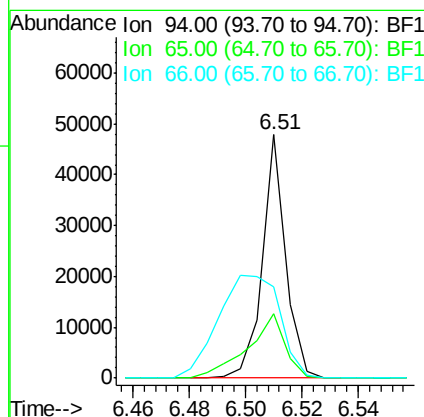
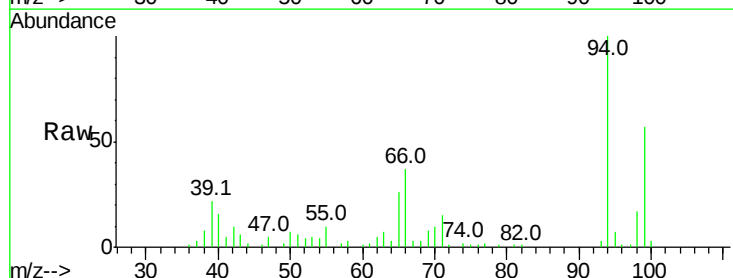
RT: 6.51 min Scan# 752

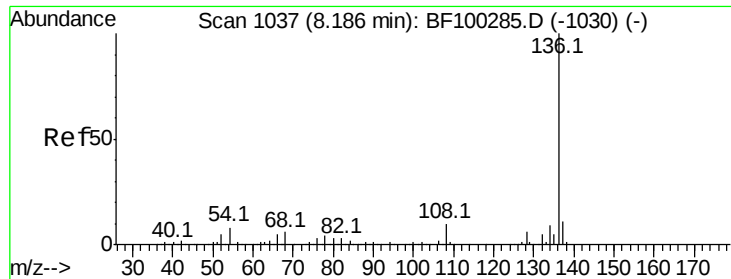
Delta R.T. -0.01 min

Lab File: BF100816.D

Acq: 22 Nov 2017 10:36

Tgt Ion:	94	Resp:	27318
Ion	Ratio	Lower	Upper
94	100		
65	26.4	7.9	47.9
66	37.3	16.2	56.2





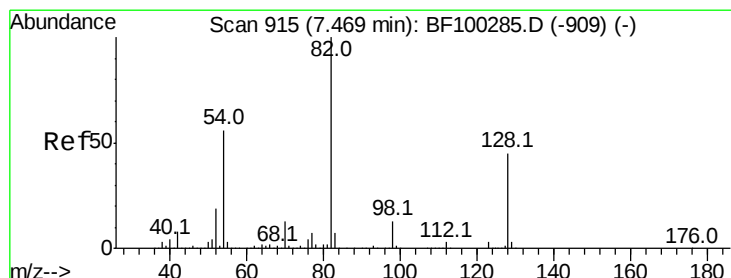
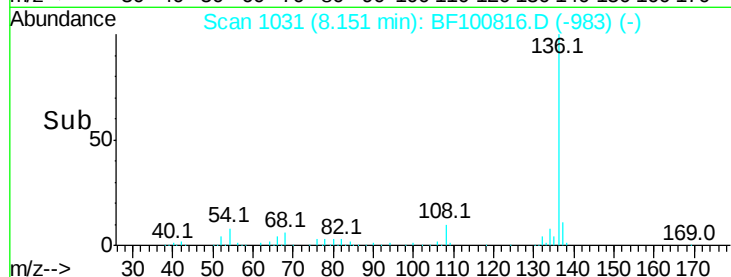
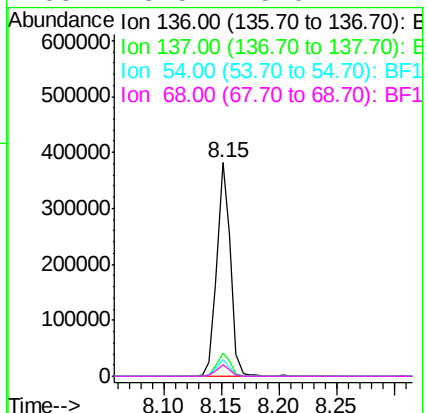
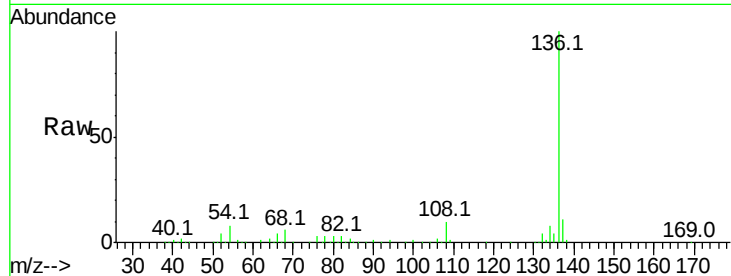
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100816.D
Acq: 22 Nov 2017 10:36

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.9	13.3	
54	7.8	6.6	9.8	
68	5.5	5.0	7.4	

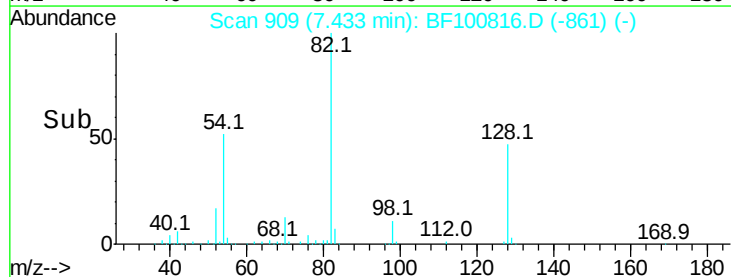
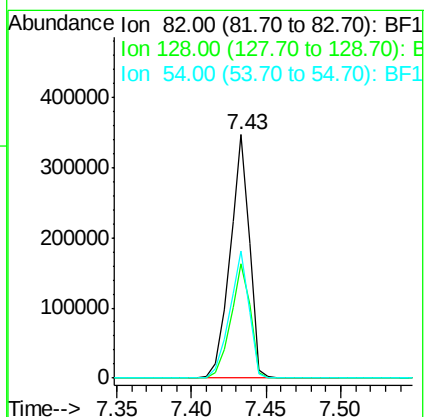
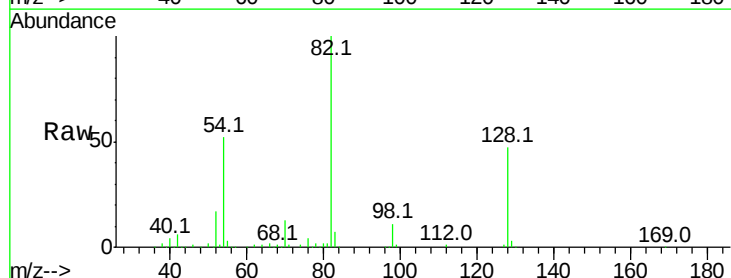
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#23
Nitrobenzene-d5
Concen: 67.431 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100816.D
Acq: 22 Nov 2017 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.9	36.1	54.1	
54	52.4	41.4	62.2	





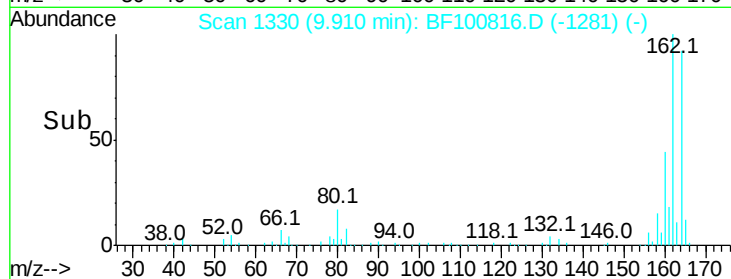
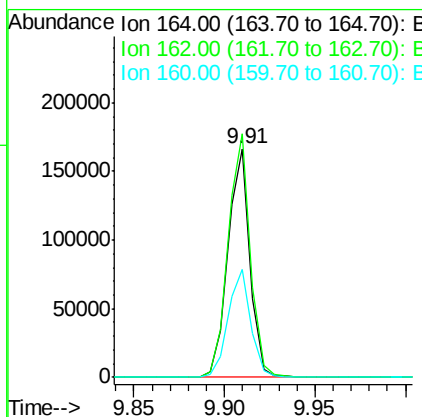
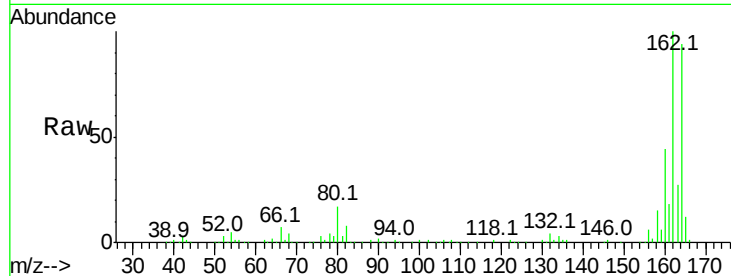
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100816.D
Acq: 22 Nov 2017 10:36

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.4	86.1	129.1
160	47.1	38.3	57.5

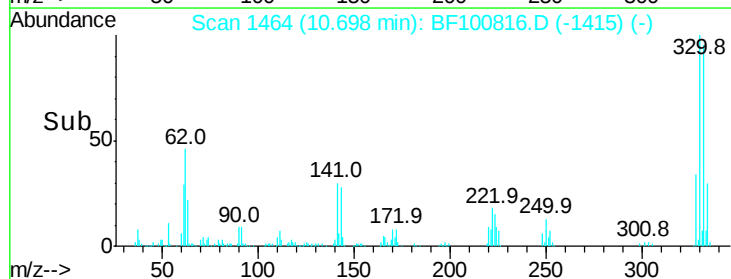
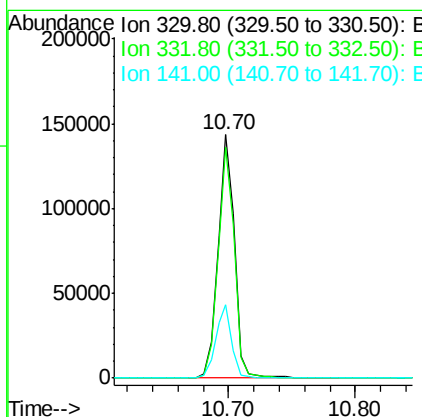
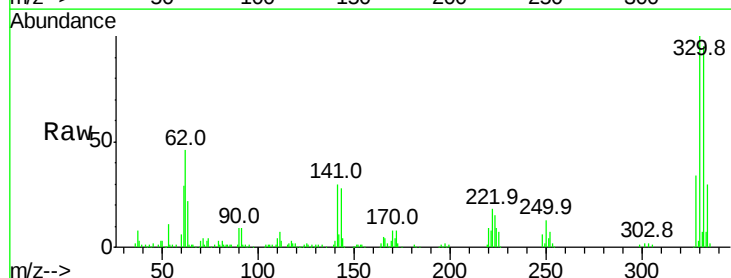
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#41
2,4,6-Tribromophenol
Concen: 91.665 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100816.D
Acq: 22 Nov 2017 10:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	29.7	29.9	44.9#





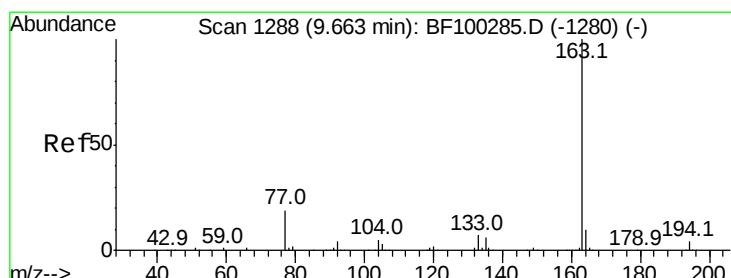
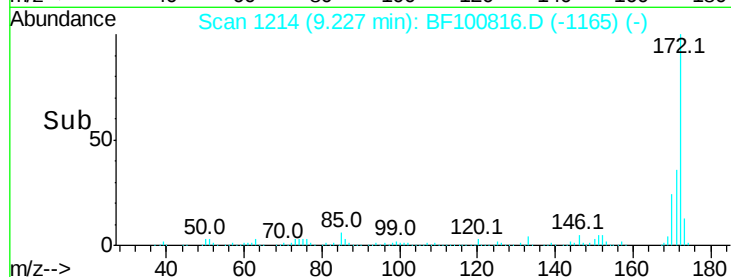
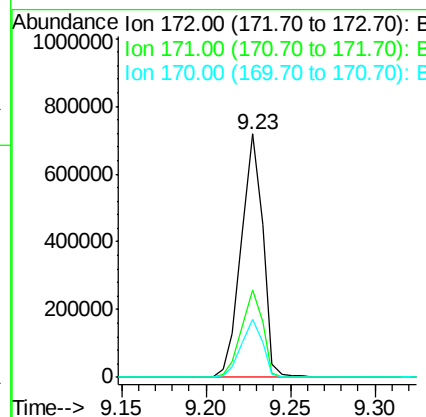
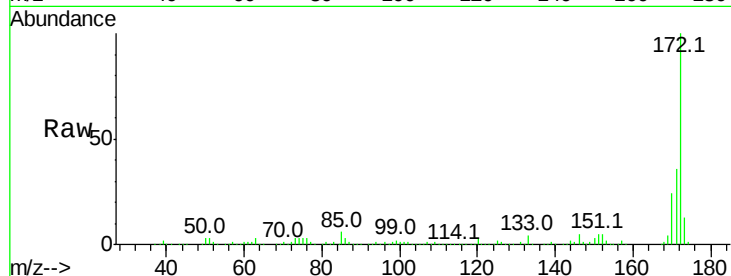
#44
2-Fluorobiphenyl
Concen: 69.697 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100816.D
Acq: 22 Nov 2017 10:36

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	642464		
171	36.0		29.7	44.5
170	23.7		19.6	29.4

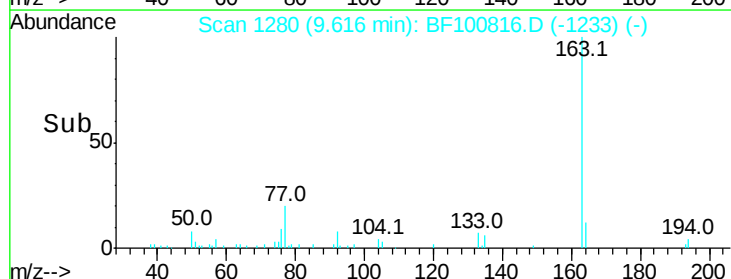
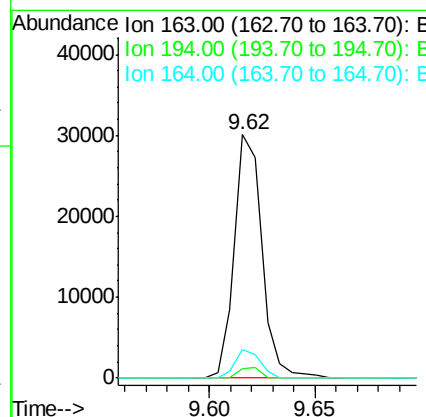
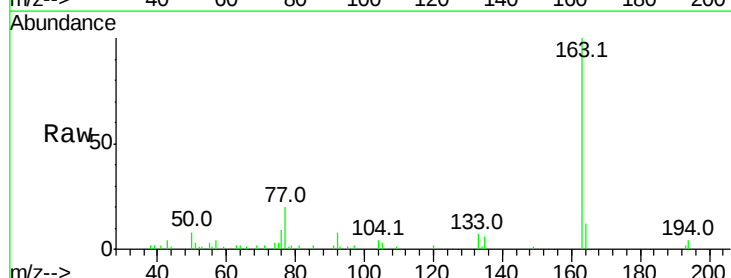
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#49
Dimethylphthalate
Concen: 2.521 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF100816.D
Acq: 22 Nov 2017 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	27012		
194	4.1		2.7	4.1#
164	11.5		8.2	12.2





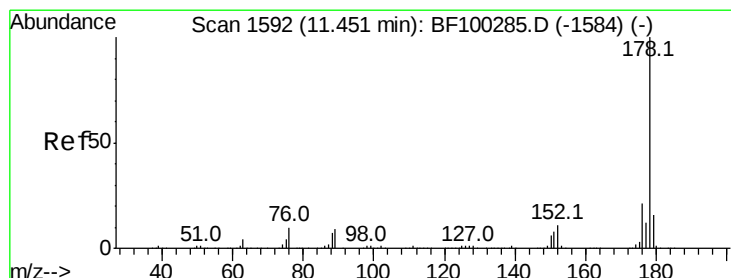
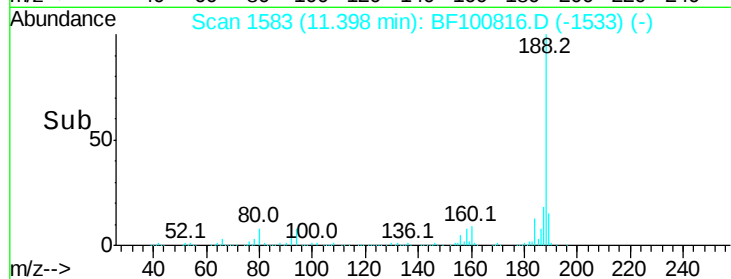
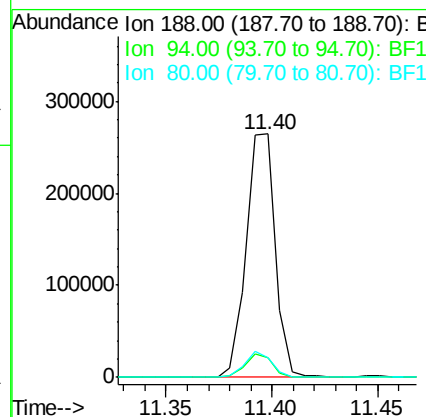
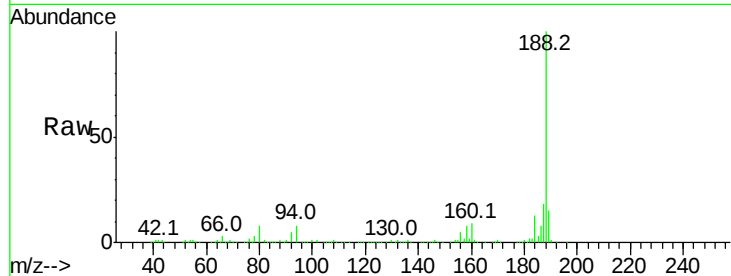
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100816.D
Acq: 22 Nov 2017 10:36

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(0-1)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.2	9.2	13.8#

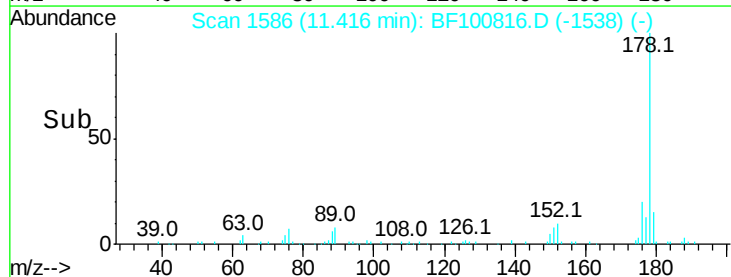
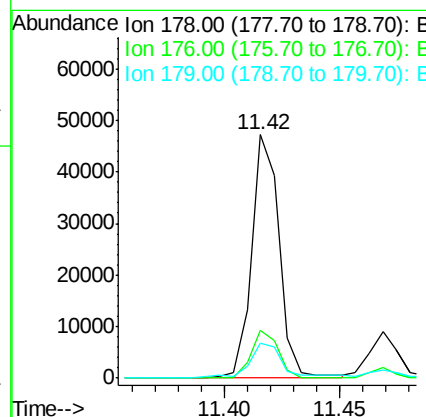
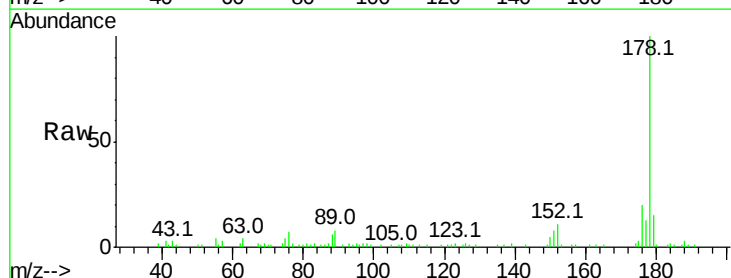
Manual Integrations
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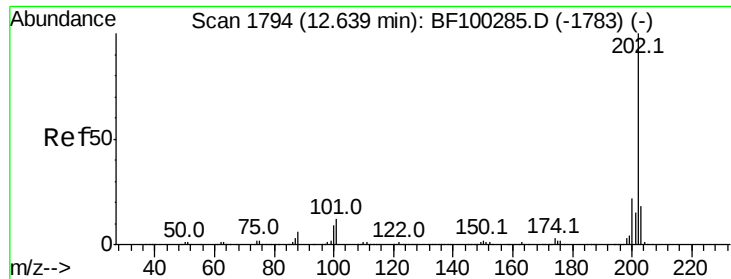
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#70
Phenanthrene
Concen: 2.960 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BF100816.D
Acq: 22 Nov 2017 10:36

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.6	15.8	23.8
179	14.5	13.0	19.6





#74

Fluoranthene

Concen: 5.500 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.02 min

Lab File: BF100816.D

Acq: 22 Nov 2017 10:36

Instrument :

BNA_F

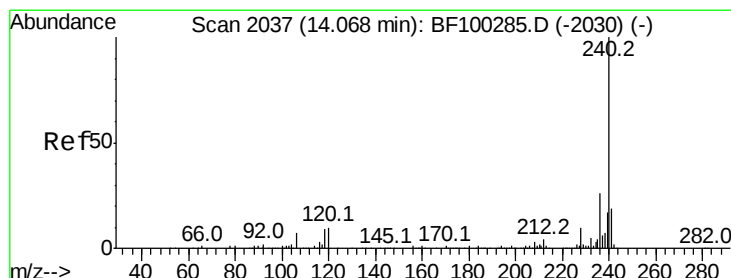
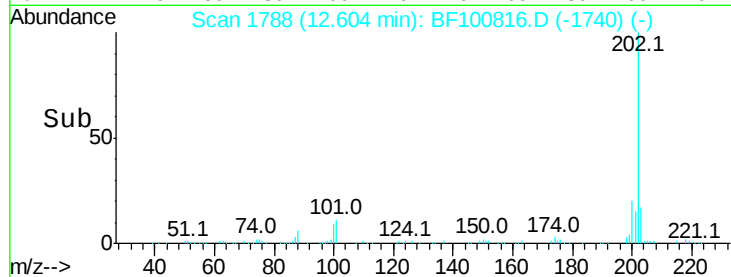
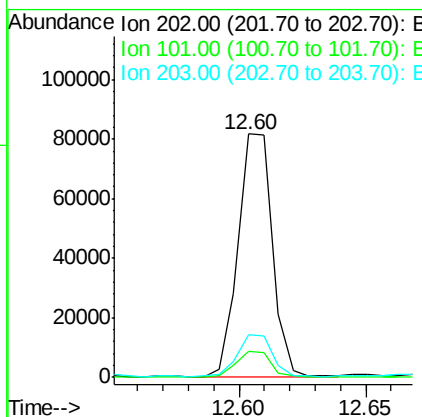
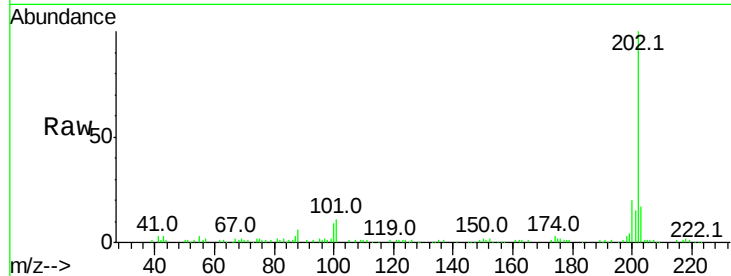
ClientSampled :

CHAP-2-E(0-1)

Tot Ion:	202	Resp:	77464
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	34.1
203	17.3	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

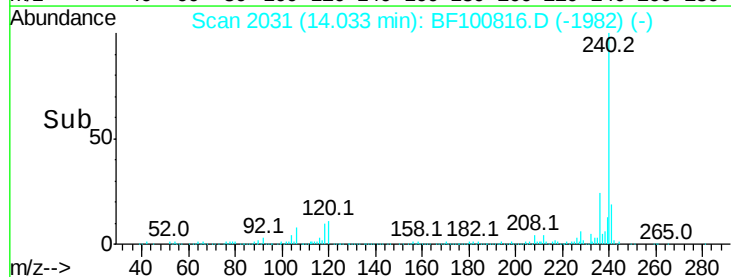
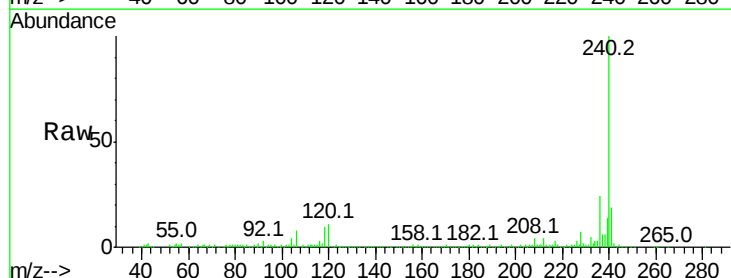
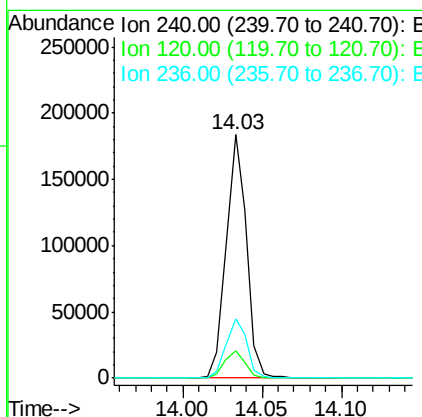
RT: 14.03 min Scan# 2031

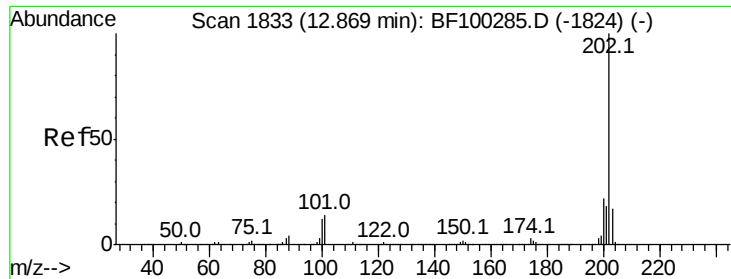
Delta R.T. -0.01 min

Lab File: BF100816.D

Acq: 22 Nov 2017 10:36

Tgt Ion:	240	Resp:	162954
Ion Ratio	Lower	Upper	
240	100		
120	11.4	9.5	14.3
236	24.2	20.7	31.1





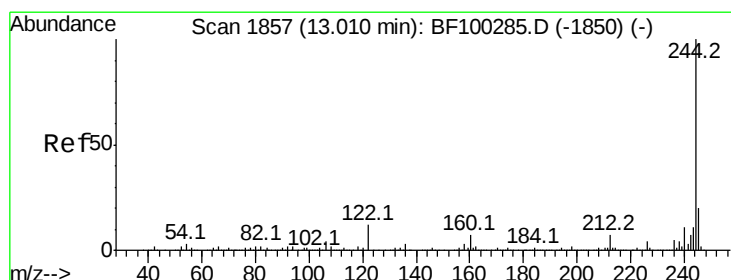
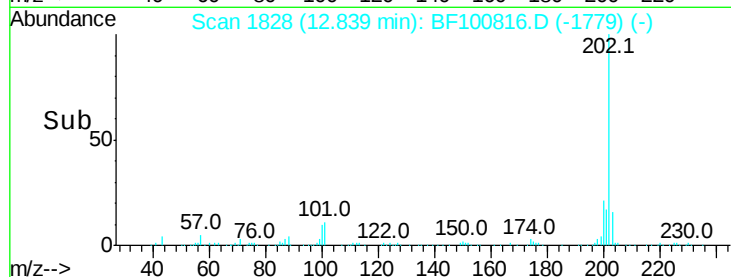
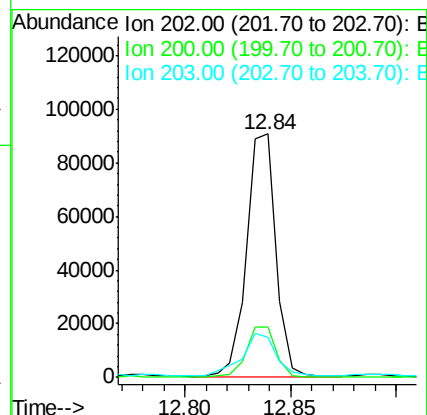
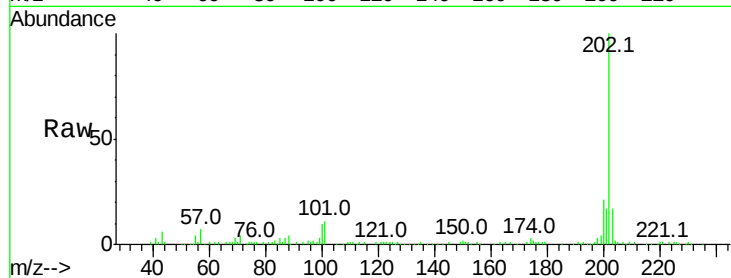
#77
Pvrene
Concen: 7.568 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF100816.D
Acq: 22 Nov 2017 10:36

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	16.7	14.3	21.5

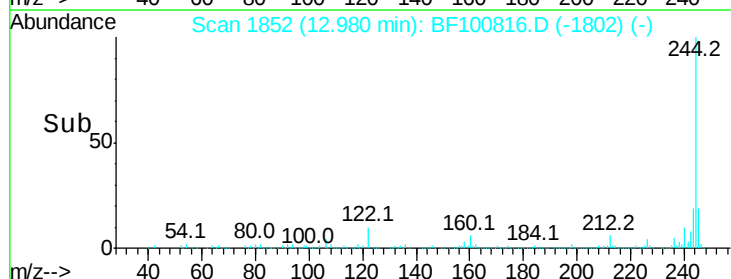
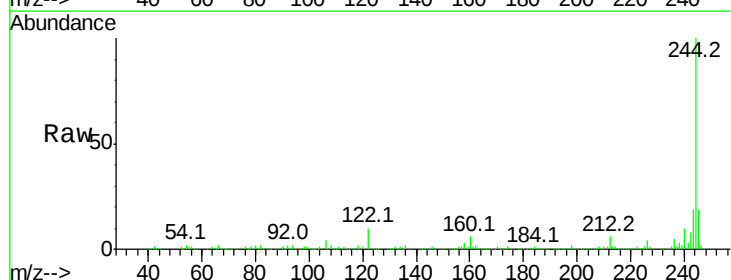
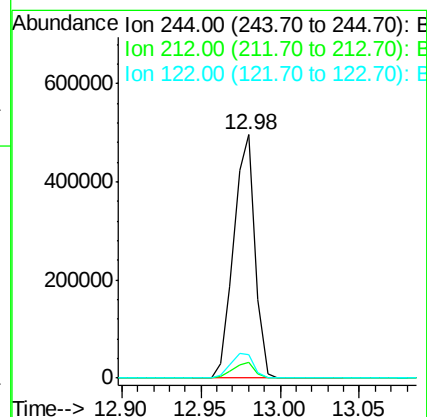
Manual Integrations
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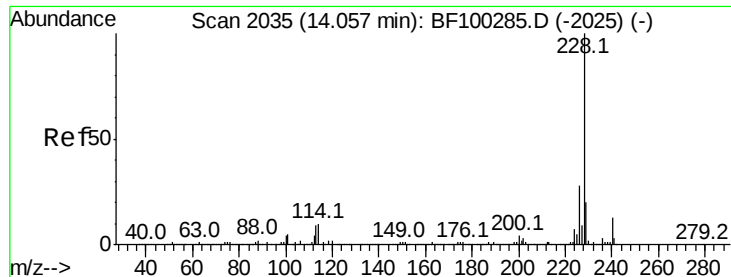
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#78
Terphenyl-d14
Concen: 65.347 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100816.D
Acq: 22 Nov 2017 10:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	9.8	11.0	16.4#





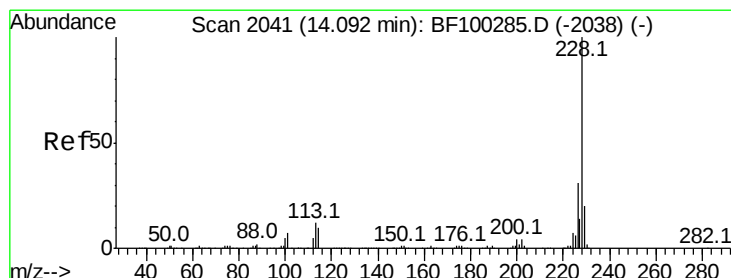
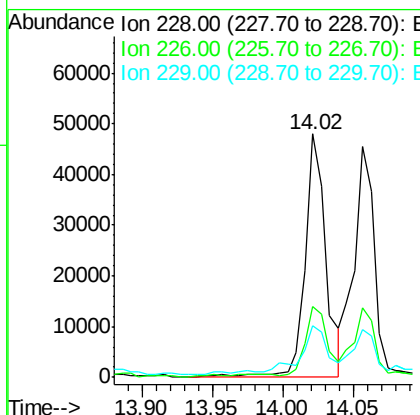
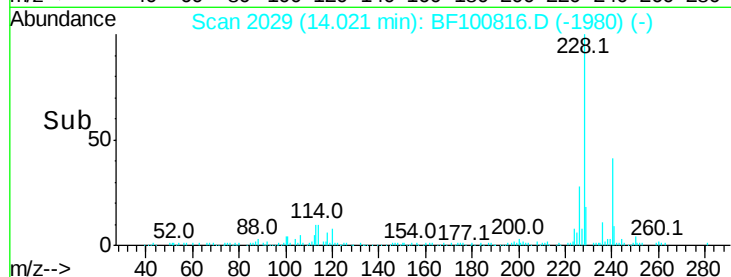
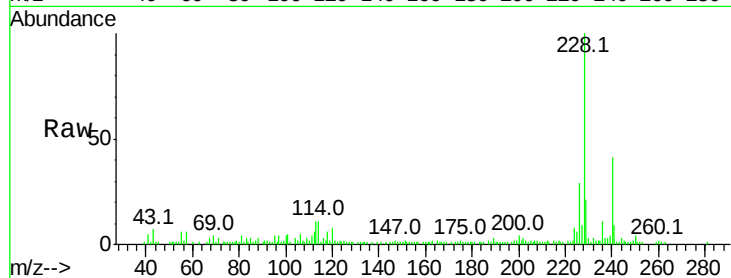
#80
Benzo(a)anthracene
Concen: 5.020 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100816.D
Acq: 22 Nov 2017 10:36

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	21.2	15.8	23.6

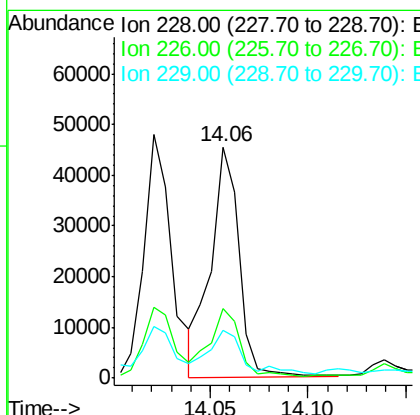
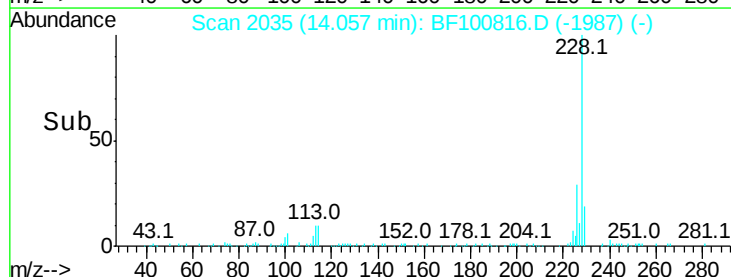
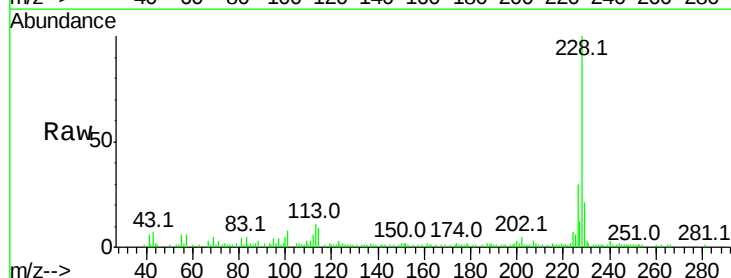
Manual Integrations
APPROVED

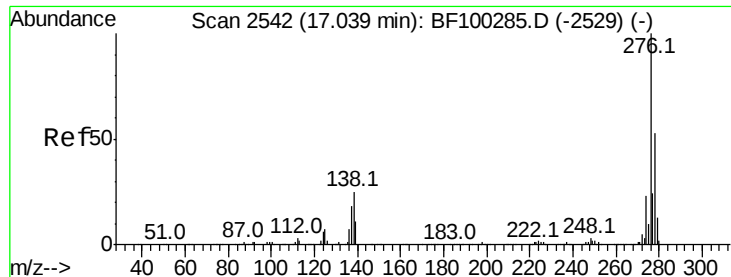
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#82
Chrysene
Concen: 4.856 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF100816.D
Acq: 22 Nov 2017 10:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	20.8	16.2	24.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 3.864 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF100816.D

Acq: 22 Nov 2017 10:36

Instrument :

BNA_F

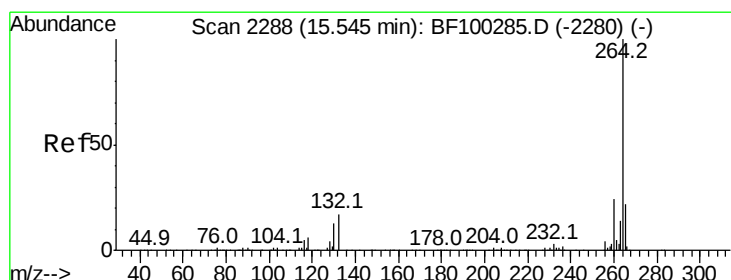
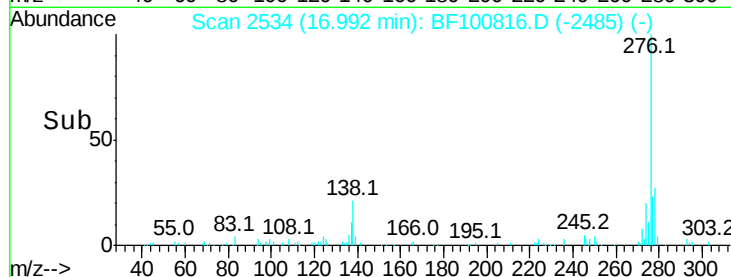
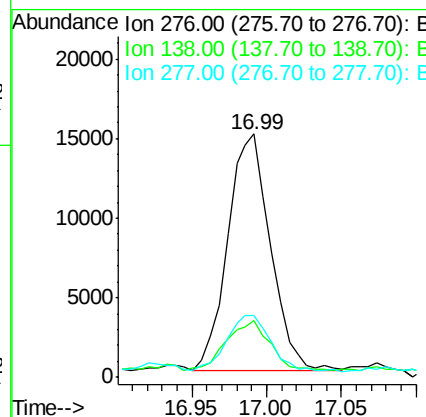
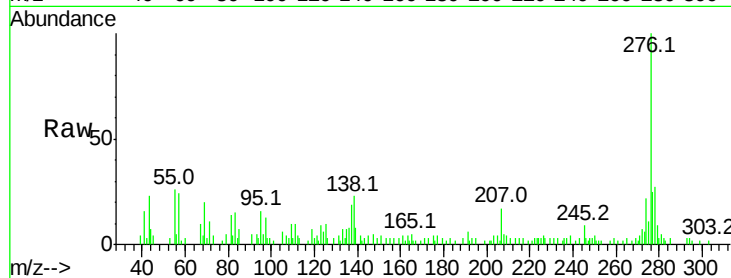
ClientSampleId :

CHAP-2-E(0-1)

Tot Ion:	276	Resp:	29701
Ion Ratio	Lower	Upper	
276	100		
138	25.1	25.0	37.6
277	24.5	20.1	30.1

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

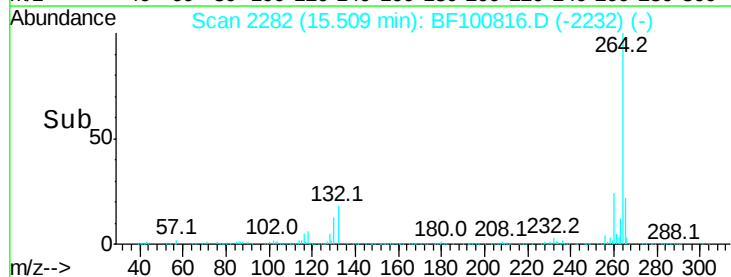
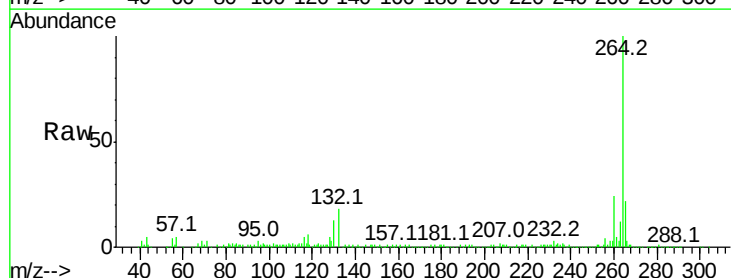
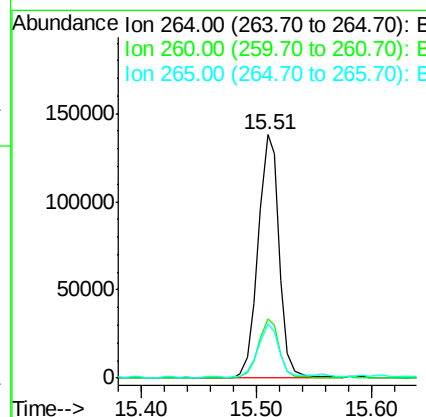
RT: 15.51 min Scan# 2282

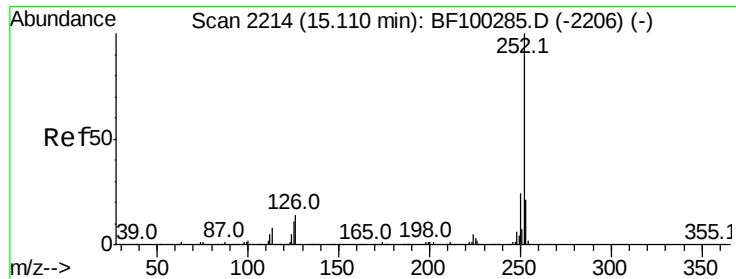
Delta R.T. -0.01 min

Lab File: BF100816.D

Acq: 22 Nov 2017 10:36

Tgt Ion:	264	Resp:	176524
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.2	28.8
265	22.1	17.5	26.3





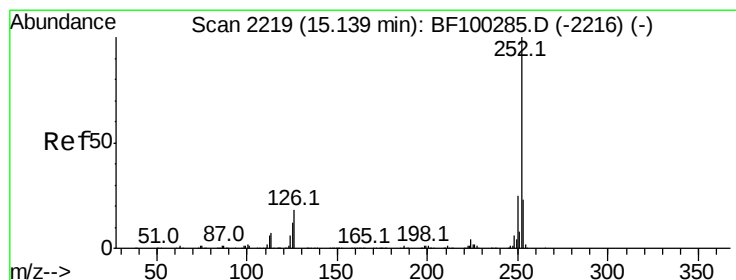
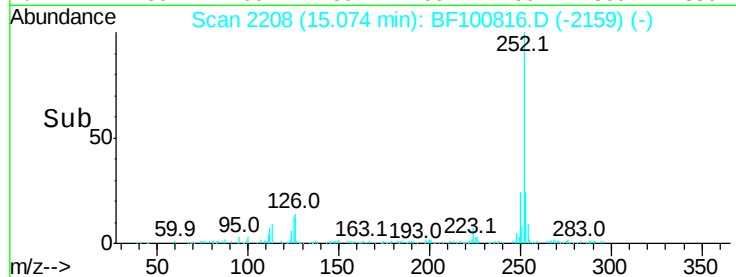
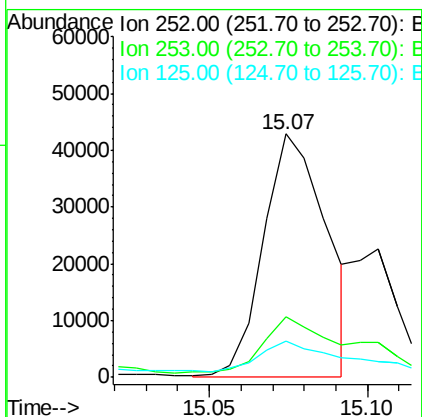
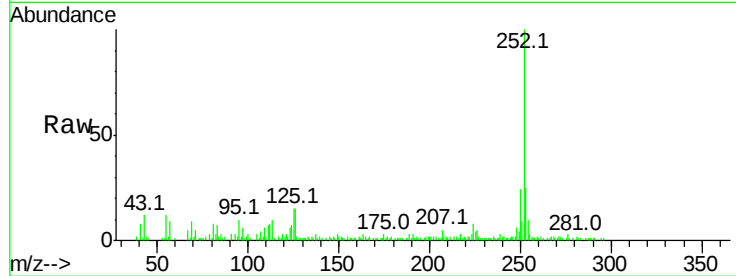
#87
Benzo(b)fluoranthene
Concen: 5.727 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF100816.D
Acq: 22 Nov 2017 10:36

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.0	25.6
125	15.1	9.0	13.6

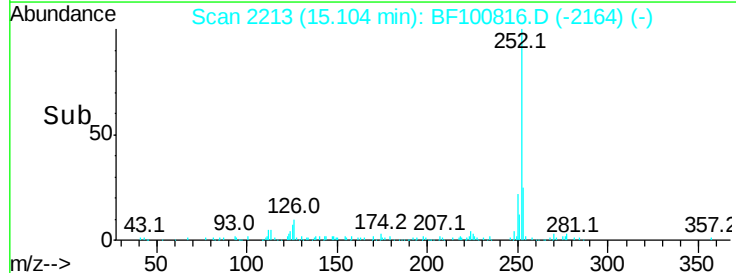
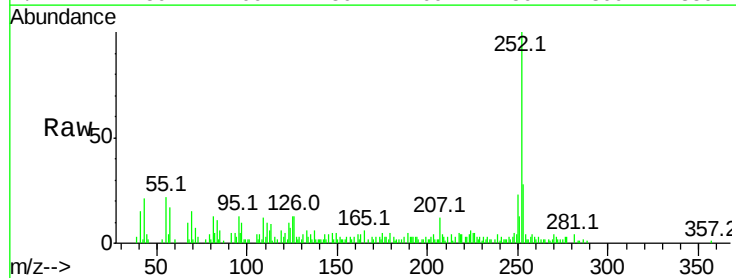
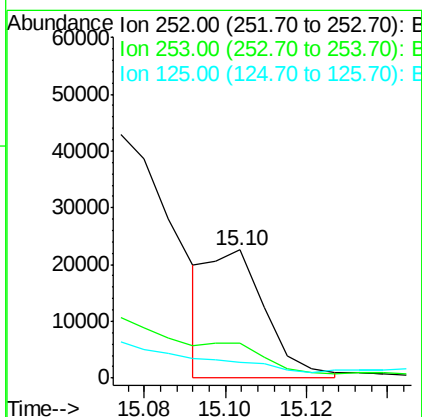
Manual Integrations
APPROVED

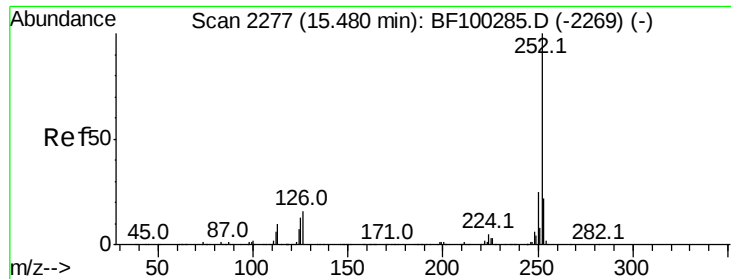
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#88
Benzo(k)fluoranthene
Concen: 2.224 ng m
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF100816.D
Acq: 22 Nov 2017 10:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.9	26.9
125	12.6	10.2	15.2





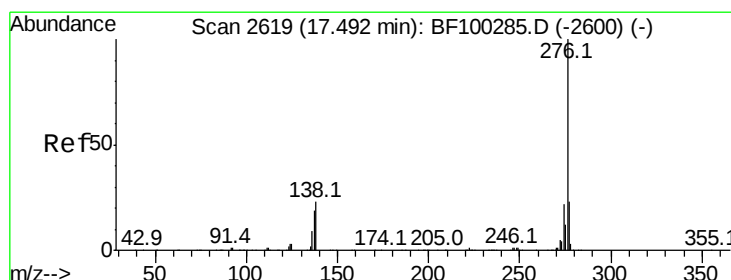
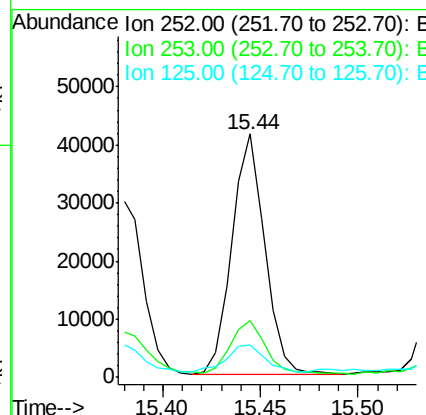
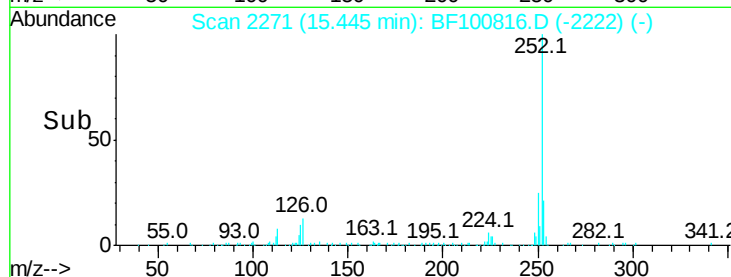
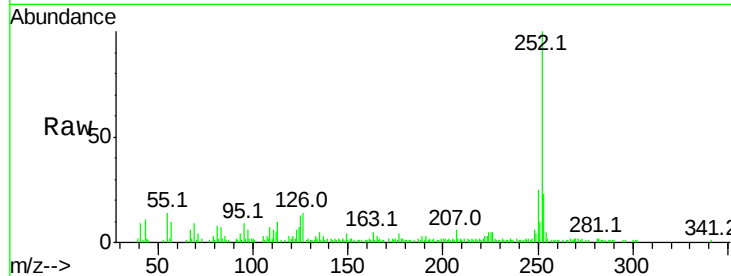
#89
Benzo(a)pyrene
Concen: 5.218 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF100816.D
Acq: 22 Nov 2017 10:36

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	13.4	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.505 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.02 min
Lab File: BF100816.D
Acq: 22 Nov 2017 10:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	24.8	21.8	32.8

