

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100385.D
 Acq On : 10 Nov 2017 12:39
 Operator : SJ/JU
 Sample : I6384-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EAST-RUTHERFORD-ROLLOFFS

Manual Integrations
 APPROVED

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 11/13/2017 4:43:11 PM

Quant Time: Nov 10 16:00:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	186141	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	751331	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	338008	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	547672	20.00	ng	0.00
75) Chrysene-d12	14.06	240	429930	20.00	ng	0.00
86) Perylene-d12	15.54	264	412438	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1487125	128.07	ng	0.01
7) Phenol-d6	6.53	99	1849502	129.16	ng	0.00
23) Nitrobenzene-d5	7.47	82	1208136	106.31	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	434585	126.18	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1835910	82.71	ng	0.00
78) Terphenyl-d14	13.02	244	1448924	77.44	ng	0.00
Target Compounds						
10) Phenol	6.54	94	75645	5.032	ng	94
49) Dimethylphthalate	9.65	163	131208	5.084	ng	# 98
70) Phenanthrene	11.45	178	169265	5.870	ng	# 96
74) Fluoranthene	12.64	202	163265	5.342	ng	97
77) Pyrene	12.87	202	135948	4.436	ng	98
82) Chrysene	14.09	228	50296	2.006	ng	95
87) Benzo(b)fluoranthene	15.10	252	61287m	2.508	ng	

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

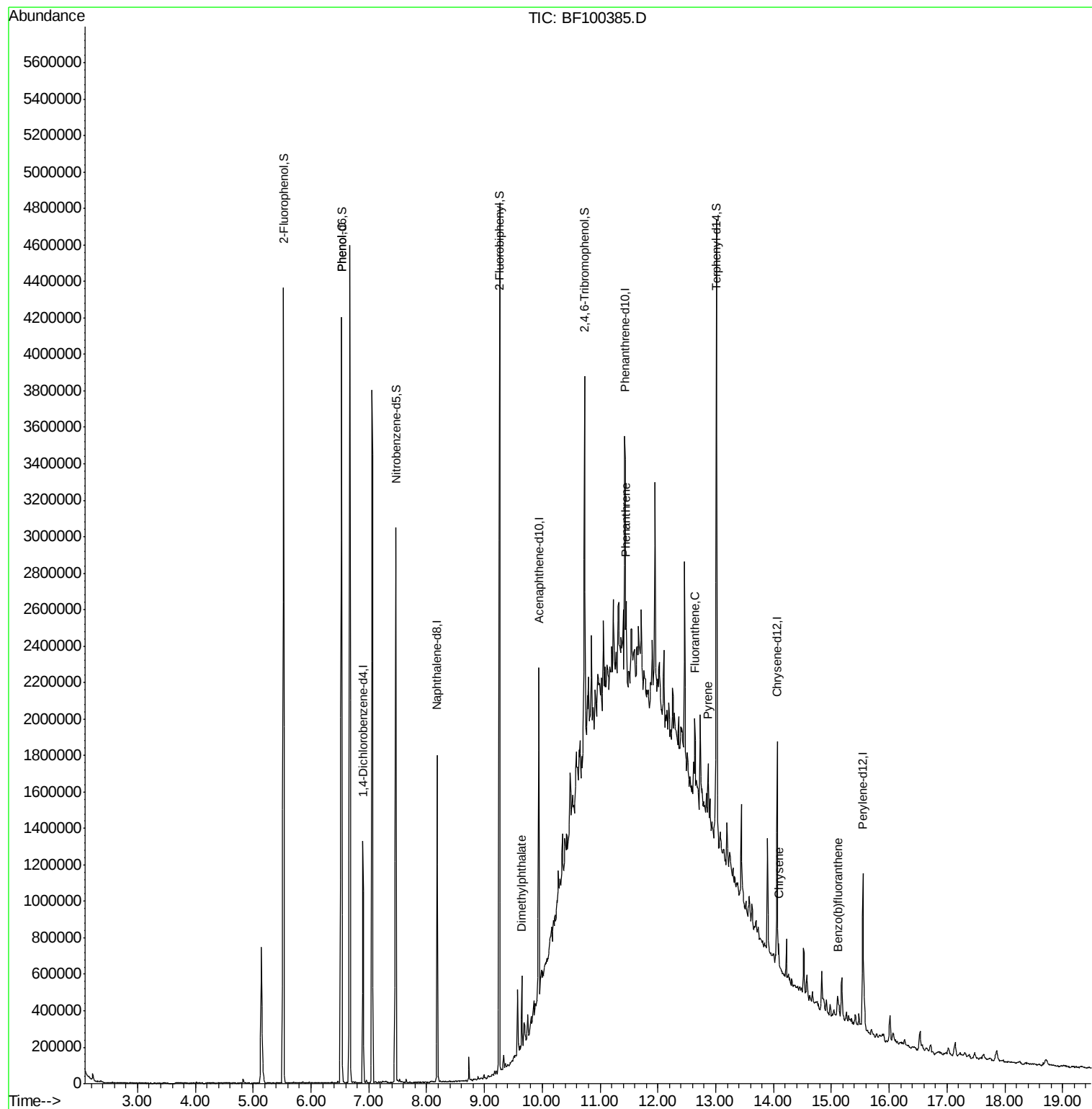
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100385.D
Acq On : 10 Nov 2017 12:39
Operator : SJ/JU
Sample : I6384-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Manual Integrations
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#1

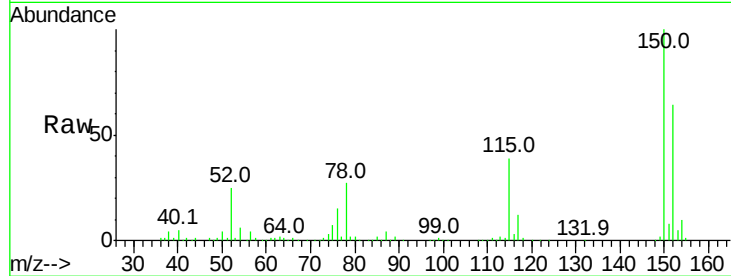
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100385.D
Acq: 10 Nov 2017 12:39

Instrument :
BNA_F
ClientSampleId :
EAST-RUTHERFORD-ROLLOFFS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	61.2	50.1	75.1

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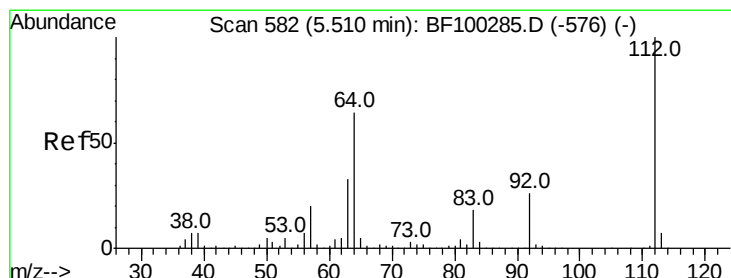
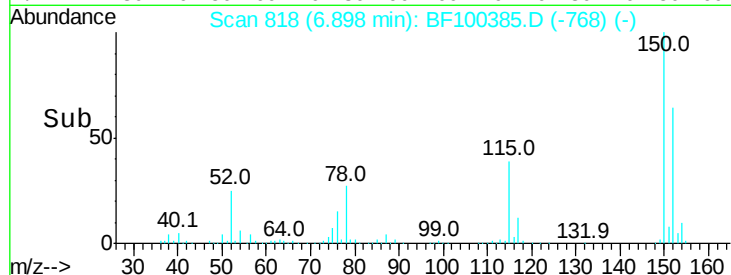
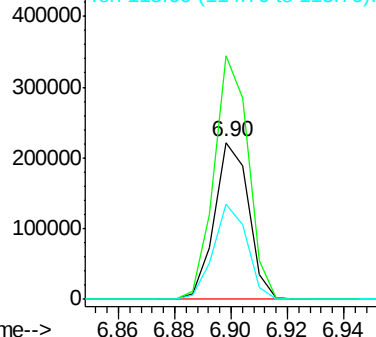


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

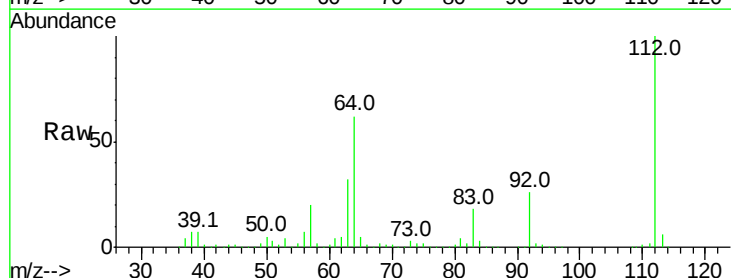
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 128.067 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF100385.D
Acq: 10 Nov 2017 12:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	47.9	71.9
63	32.0	23.7	35.5

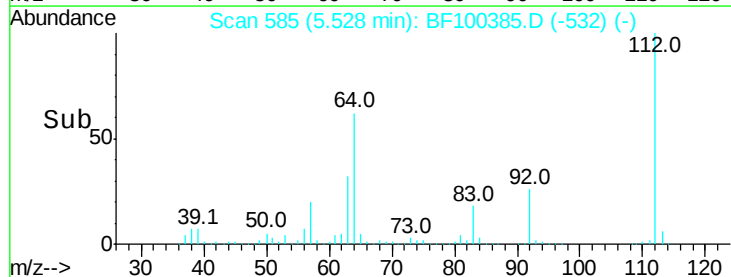
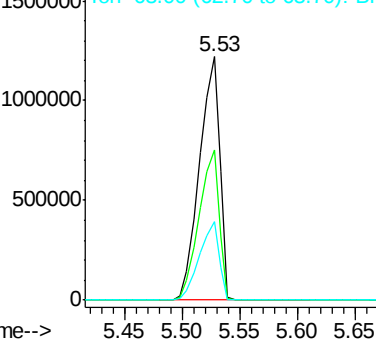


Abundance

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: 129.162 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF100385.D

Acq: 10 Nov 2017 12:39

Instrument :

BNA_F

ClientSampleId :

EAST-RUTHERFORD-ROLLOFFS

Tot Ion: 99 Resp: 1849502

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

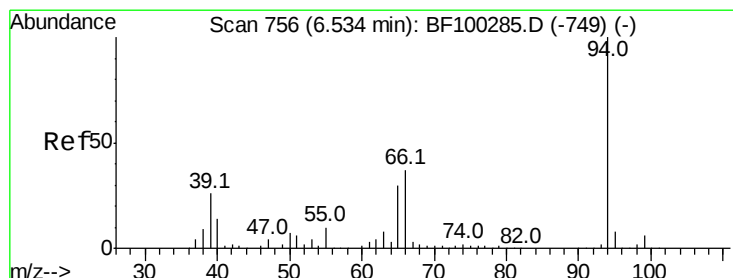
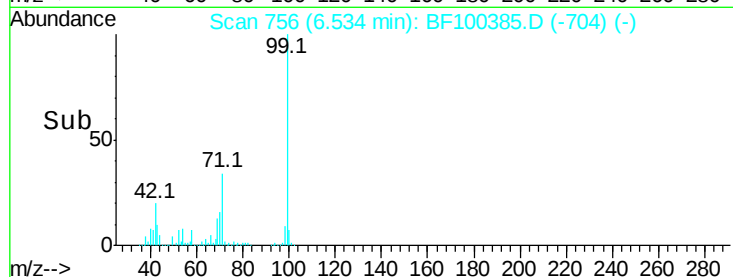
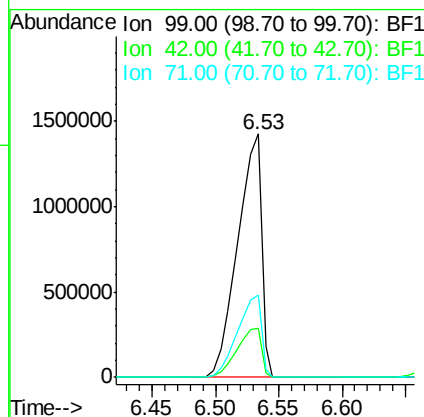
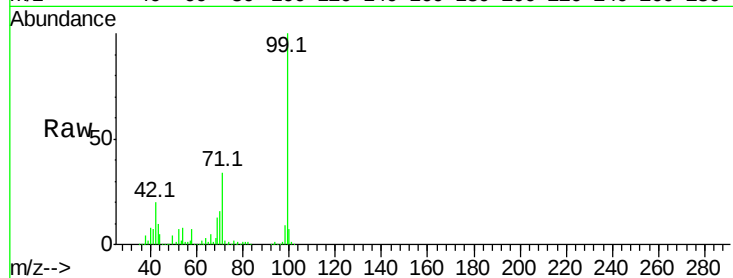
71 33.6 25.4 38.0

Manual Integrations

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#10

Phenol

Concen: 5.032 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF100385.D

Acq: 10 Nov 2017 12:39

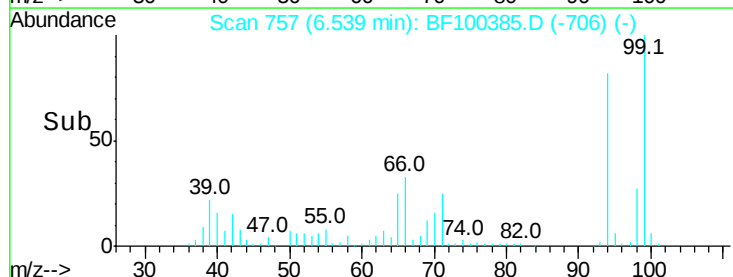
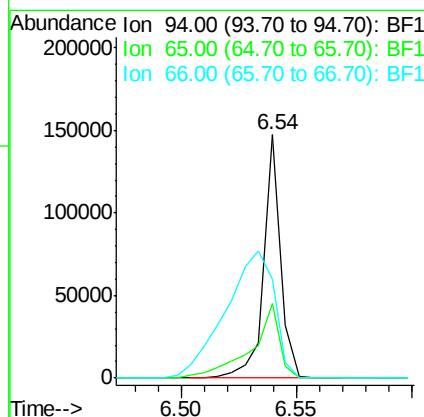
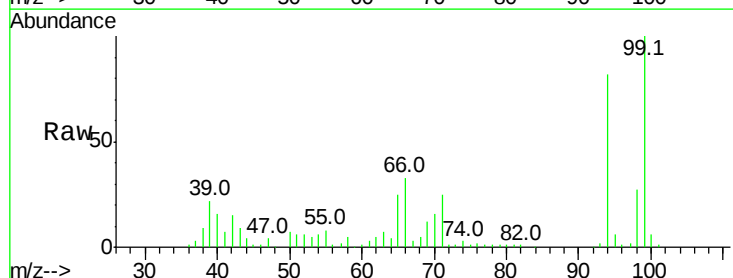
Tgt Ion: 94 Resp: 75645

Ion Ratio Lower Upper

94 100

65 30.9 7.9 47.9

66 40.4 16.2 56.2





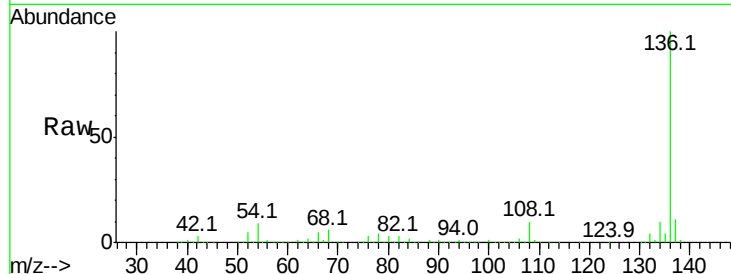
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100385.D
Acq: 10 Nov 2017 12:39

Instrument :
BNA_F
ClientSampleId :
EAST-RUTHERFORD-ROLLOFFS

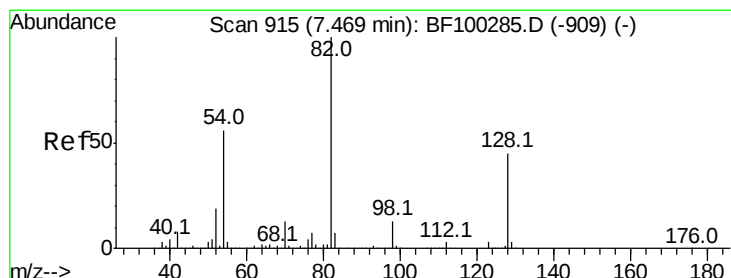
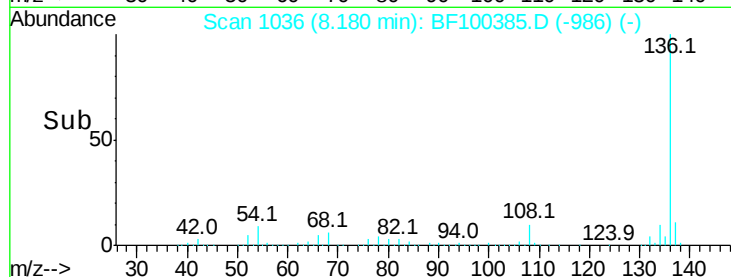
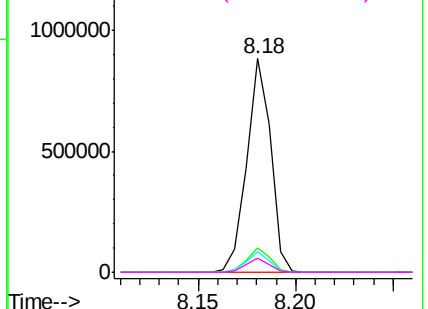
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	9.4	6.6	9.8	
68	6.4	5.0	7.4	

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11/13/2017 4:43:11 PM

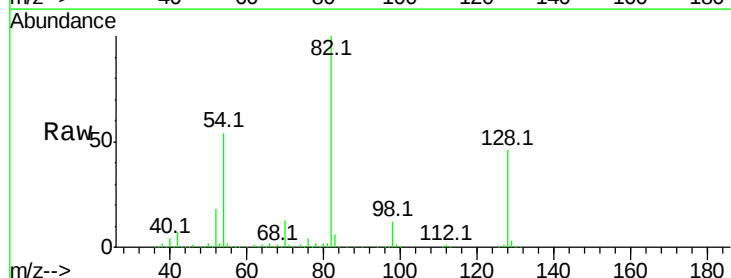


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

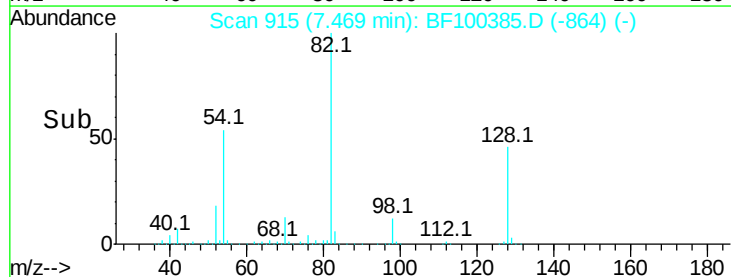
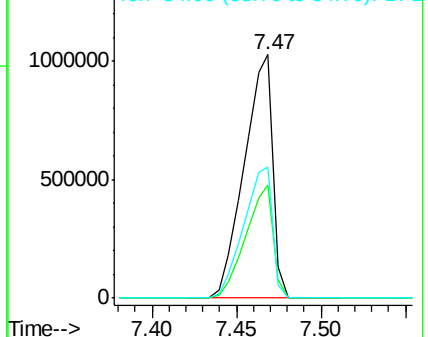


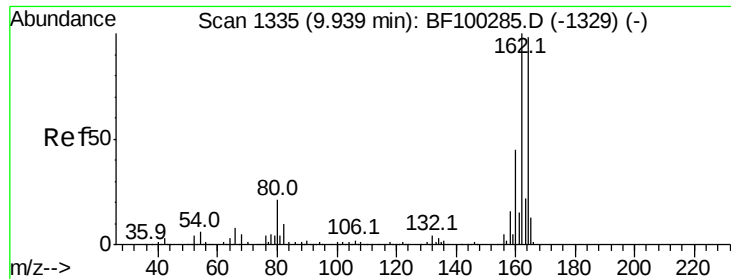
#23
Nitrobenzene-d5
Concen: 106.310 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100385.D
Acq: 10 Nov 2017 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.3	36.1	54.1	
54	53.6	41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF100385.D

Acq: 10 Nov 2017 12:39

Instrument :

BNA_F

ClientSampleId :

EAST-RUTHERFORD-ROLLOFFS

Tot Ion:164 Resp: 338008

Ion Ratio Lower Upper

164 100

162 102.7 86.1 129.1

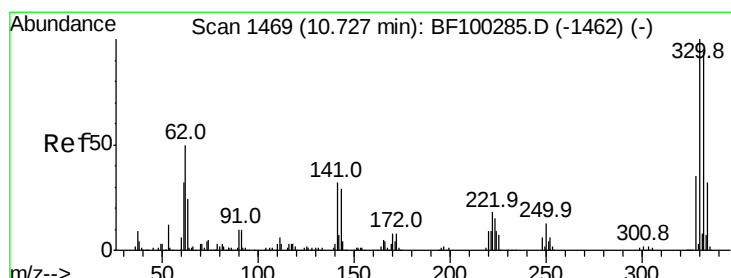
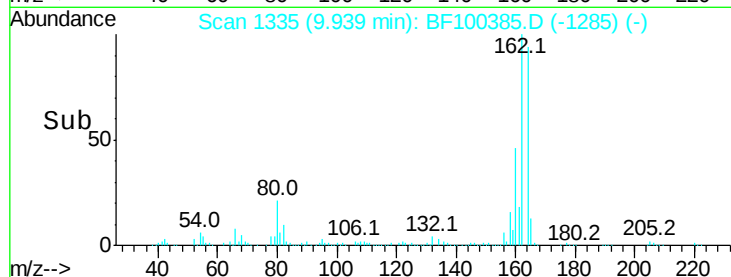
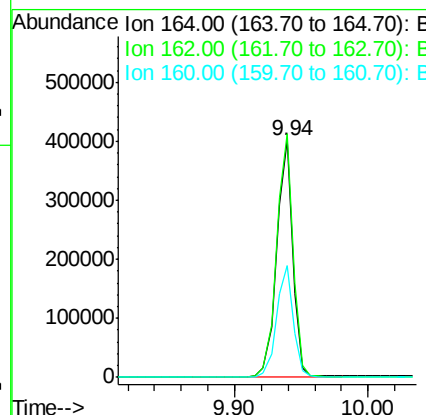
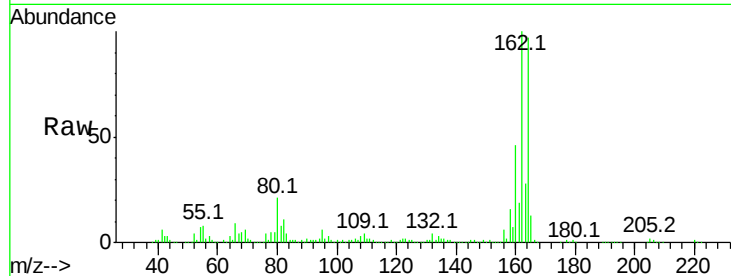
160 47.2 38.3 57.5

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11/13/2017 4:43:11 PM



#41

2,4,6-Tribromophenol

Concen: 126.175 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.00 min

Lab File: BF100385.D

Acq: 10 Nov 2017 12:39

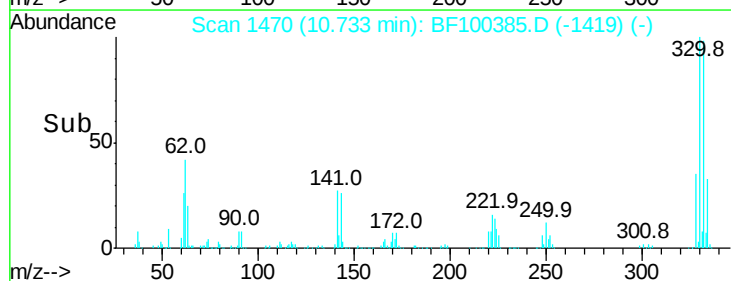
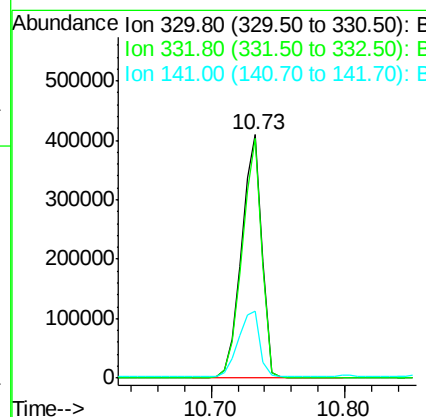
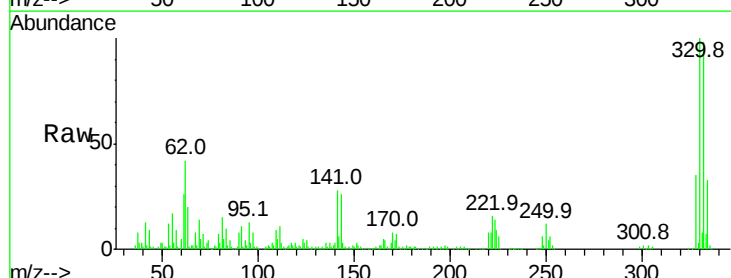
Tgt Ion:330 Resp: 434585

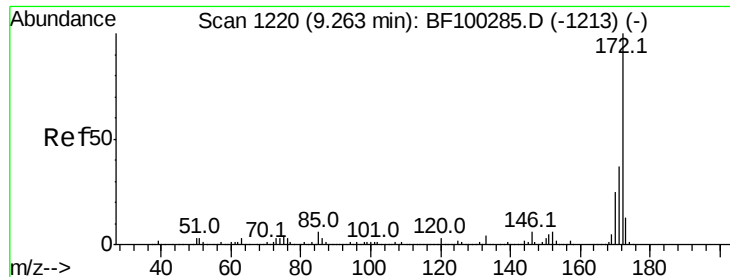
Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

141 28.8 29.9 44.9#





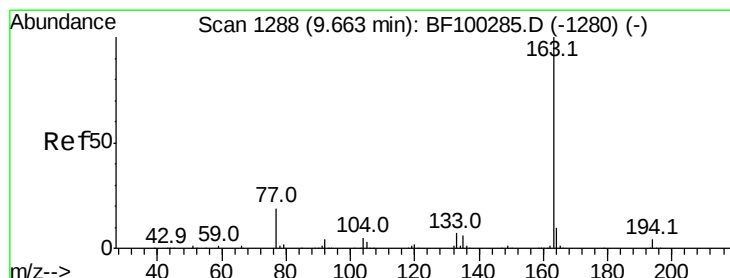
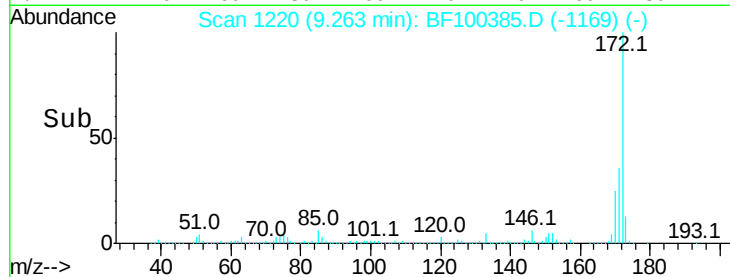
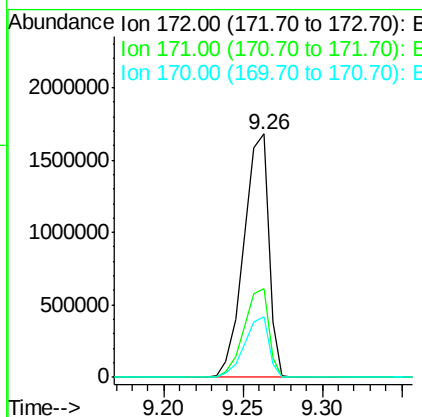
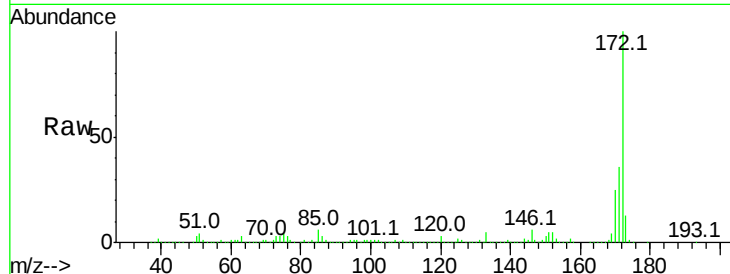
#44
2-Fluorobiphenyl
Concen: 82.707 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF100385.D
Acq: 10 Nov 2017 12:39

Instrument :
BNA_F
ClientSampleId :
EAST-RUTHERFORD-ROLLOFFS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.7	19.6	29.4

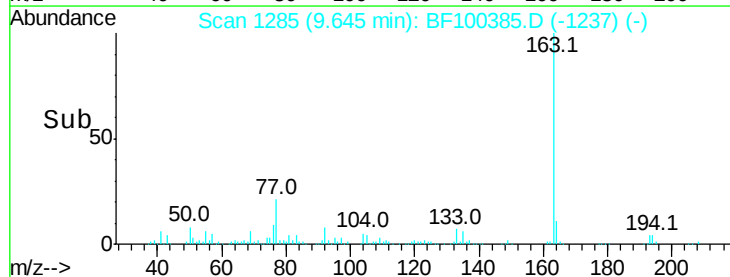
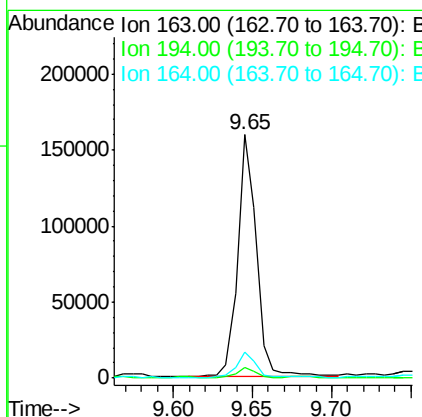
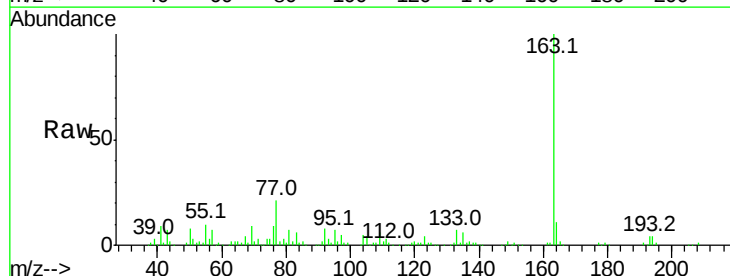
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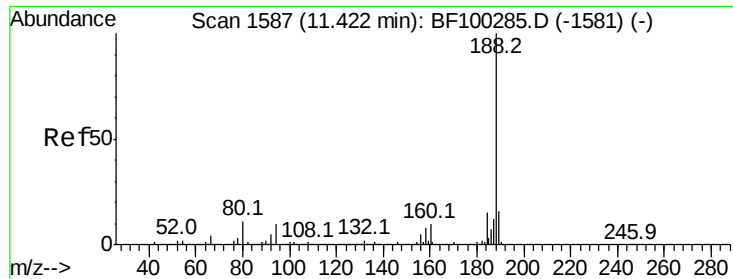
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#49
Dimethylphthalate
Concen: 5.084 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100385.D
Acq: 10 Nov 2017 12:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	10.7	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BF100385.D

Acq: 10 Nov 2017 12:39

Instrument :

BNA_F

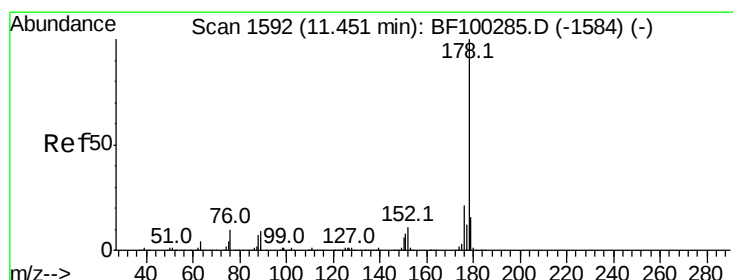
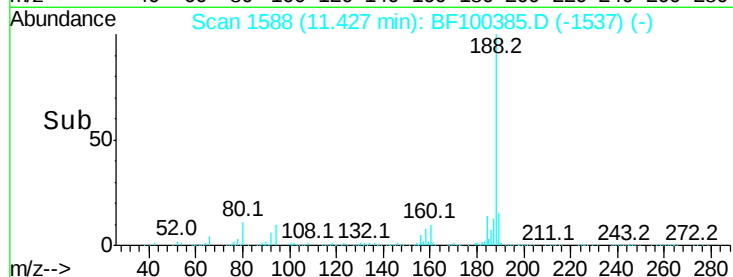
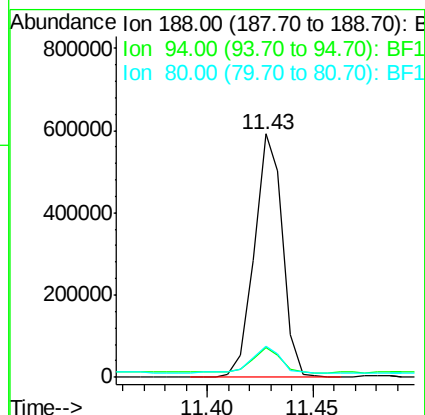
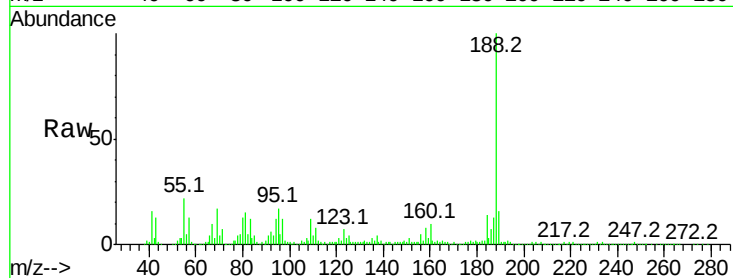
ClientSampleId :

EAST-RUTHERFORD-ROLLOFFS

Tot Ion:	188	Resp:	547672
Ion Ratio	Lower	Upper	
188	100		
94	12.1	8.5	12.7
80	12.7	9.2	13.8

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#70

Phenanthrene

Concen: 5.870 ng

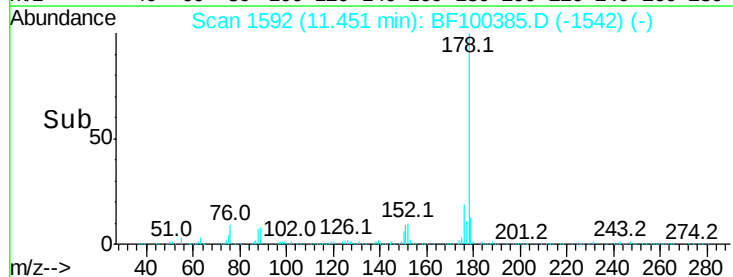
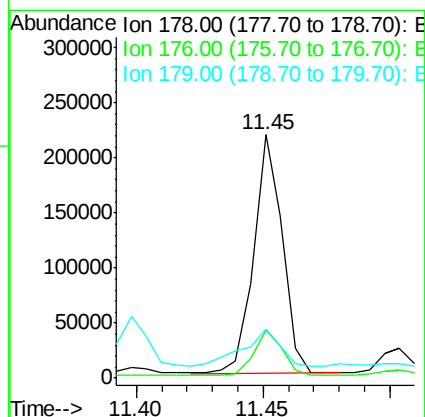
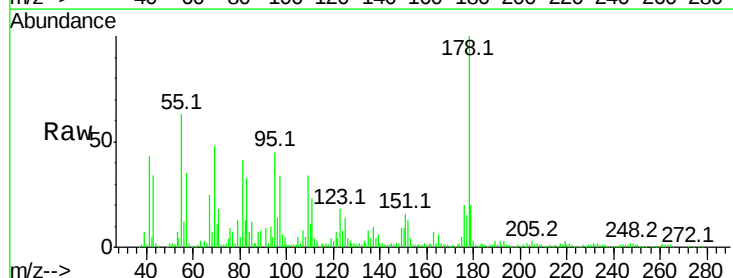
RT: 11.45 min Scan# 1592

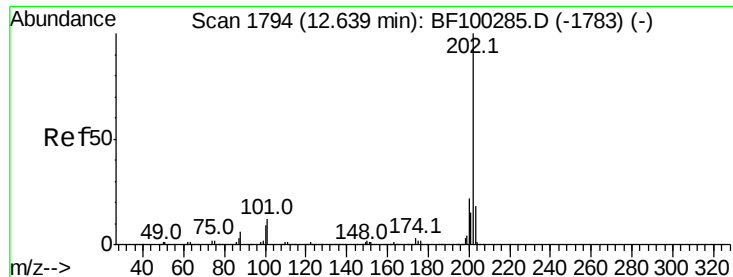
Delta R.T. -0.01 min

Lab File: BF100385.D

Acq: 10 Nov 2017 12:39

Tgt Ion:	178	Resp:	169265
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.8	23.8
179	20.0	13.0	19.6#





#74

Fluoranthene

Concen: 5.342 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BF100385.D

Acq: 10 Nov 2017 12:39

Instrument :

BNA_F

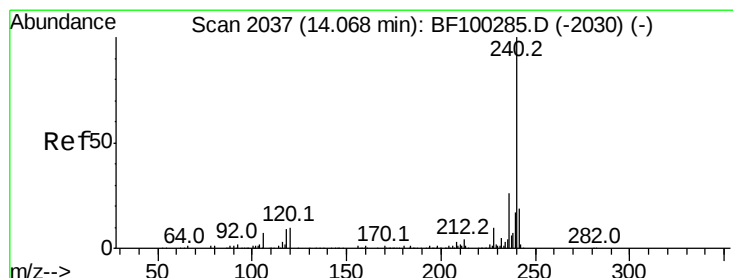
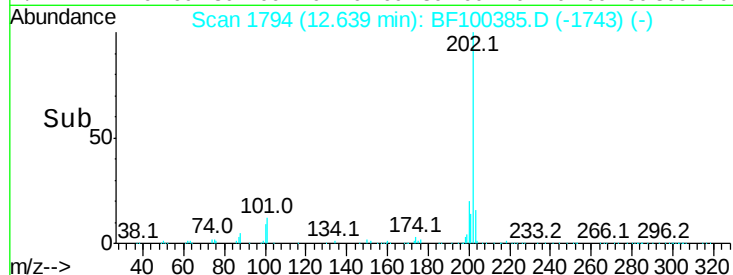
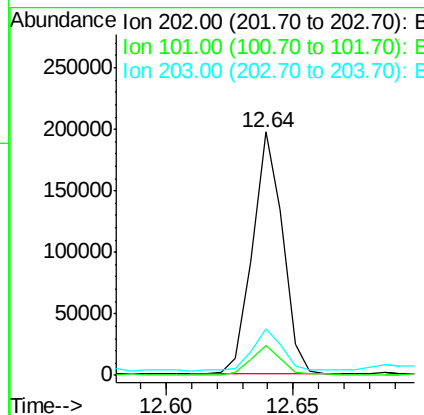
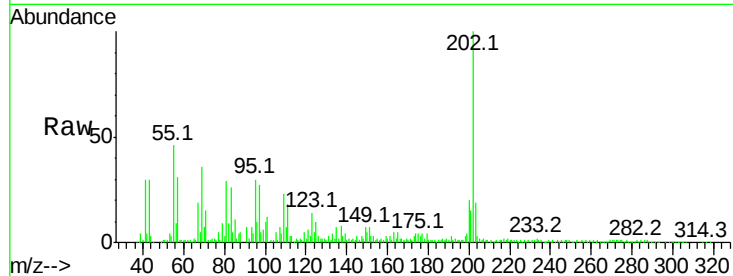
ClientSampleId :

EAST-RUTHERFORD-ROLLOFFS

Tot Ion:	202	Resp:	163265
Ion Ratio		Lower	Upper
202	100		
101	12.4	0.0	34.1
203	19.0	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

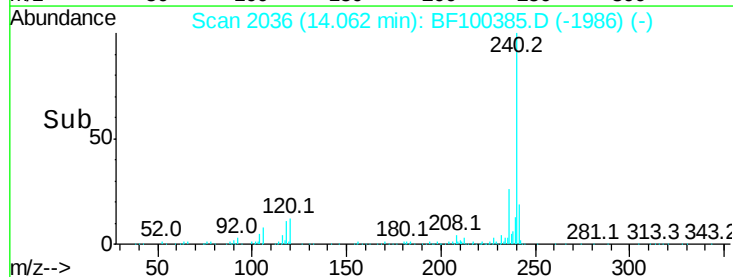
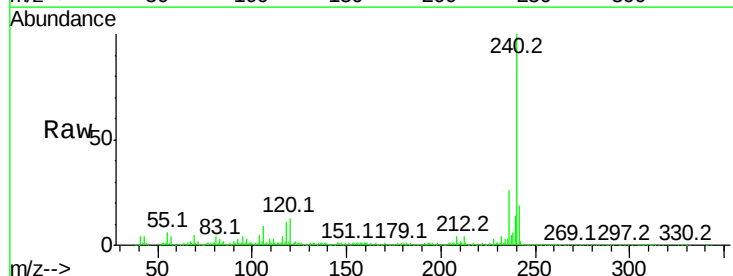
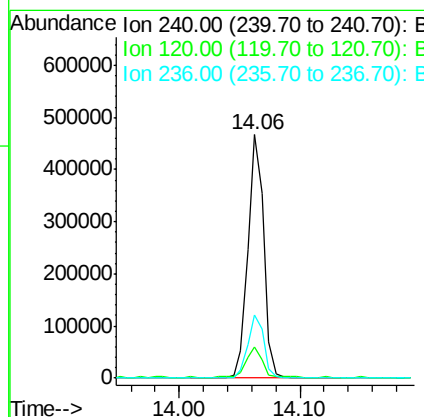
RT: 14.06 min Scan# 2036

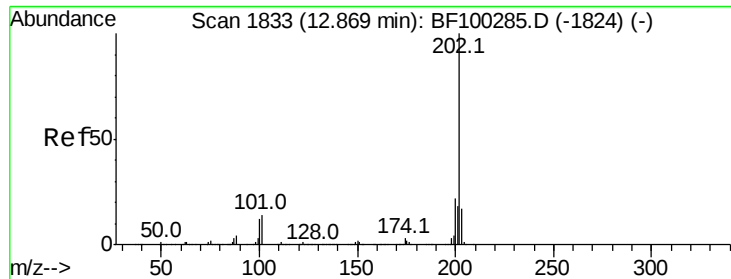
Delta R.T. -0.01 min

Lab File: BF100385.D

Acq: 10 Nov 2017 12:39

Tgt Ion:	240	Resp:	429930
Ion Ratio		Lower	Upper
240	100		
120	12.7	9.5	14.3
236	25.8	20.7	31.1





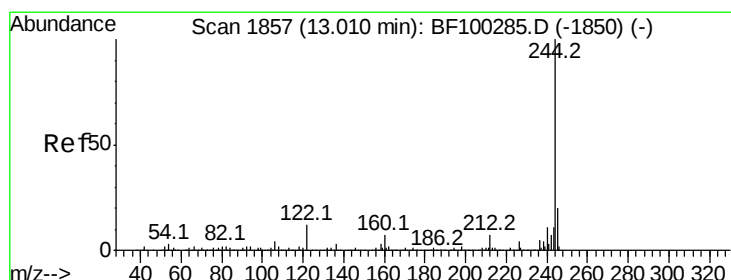
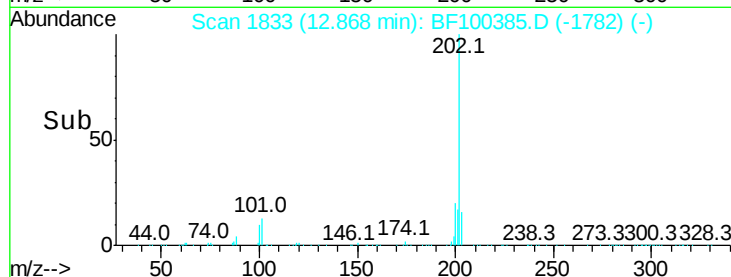
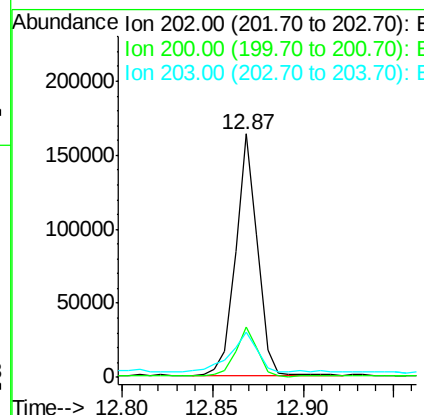
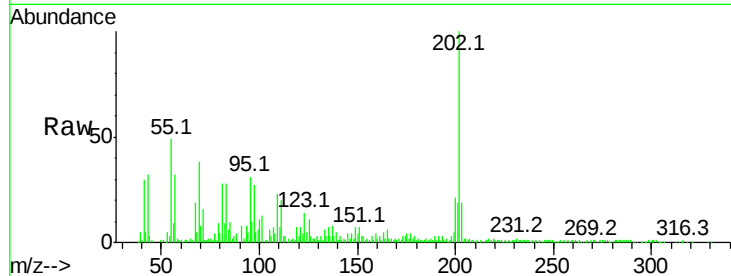
#77
Pvrene
Concen: 4.436 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BF100385.D
Acq: 10 Nov 2017 12:39

Instrument :
BNA_F
ClientSampleId :
EAST-RUTHERFORD-ROLLOFFS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.6	17.4	26.2
203	18.8	14.3	21.5

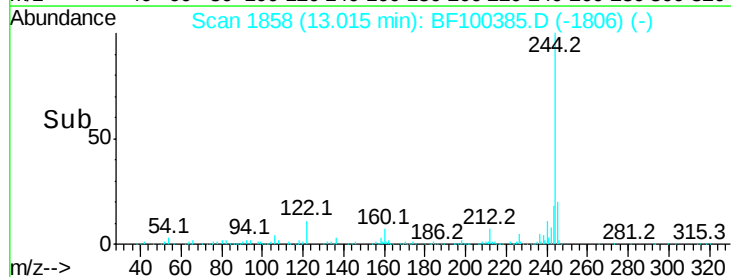
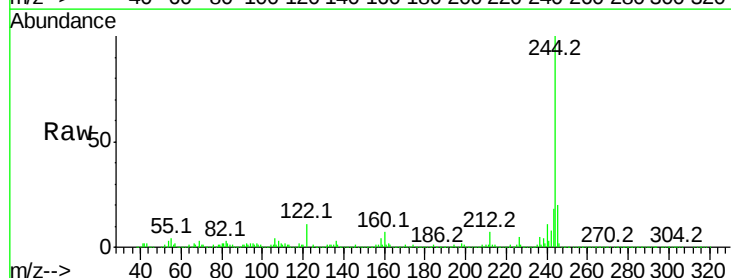
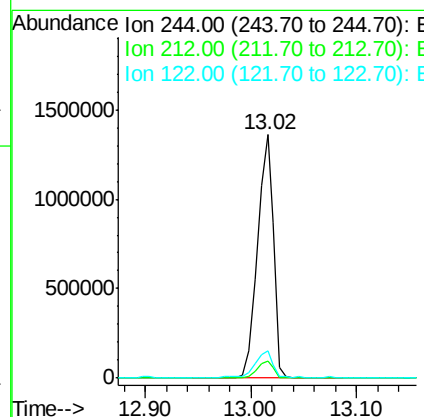
Manual Integrations
APPROVED

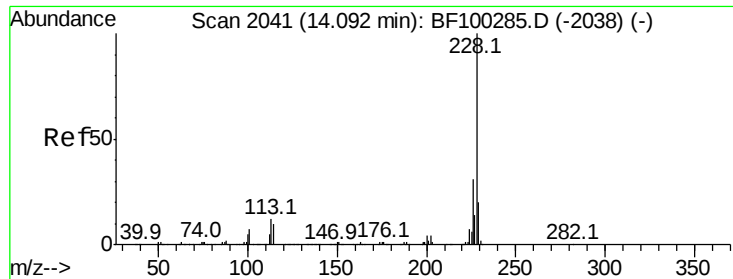
SOHIL
11/13/2017 4:43:11 PM



#78
Terphenyl-d14
Concen: 77.436 ng
RT: 13.02 min Scan# 1858
Delta R.T. 0.01 min
Lab File: BF100385.D
Acq: 10 Nov 2017 12:39

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.1	11.0	16.4





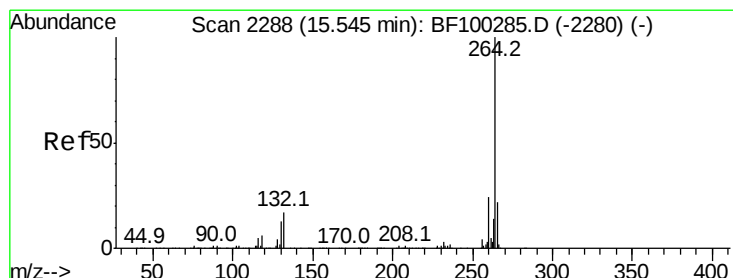
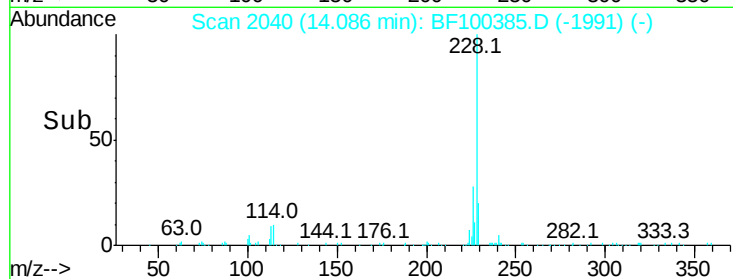
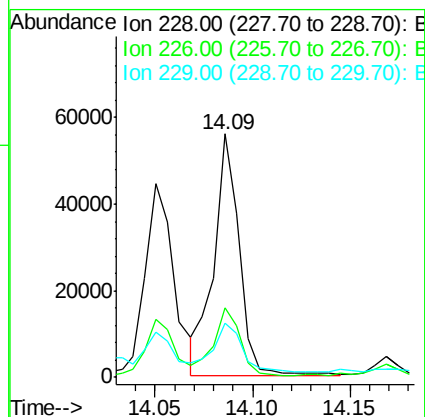
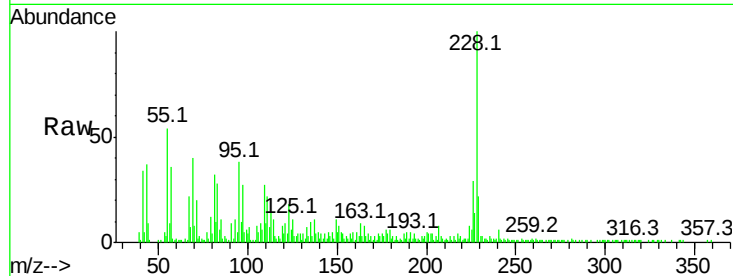
#82
Chrysene
Concen: 2.006 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF100385.D
Acq: 10 Nov 2017 12:39

Instrument :
BNA_F
ClientSampleId :
EAST-RUTHERFORD-ROLLOFFS

Tot Ion:	228	Resp:	50296
Ion Ratio	Lower	Upper	
228	100		
226	28.5	25.0	37.6
229	22.3	16.2	24.4

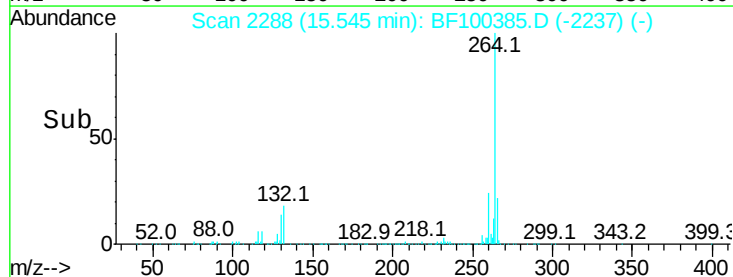
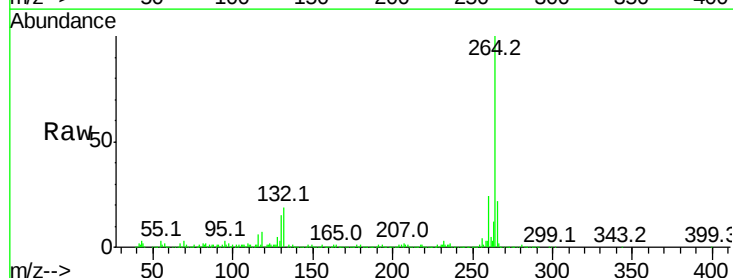
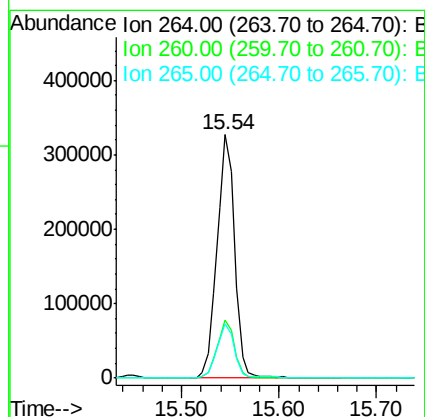
Manual Integrations
APPROVED

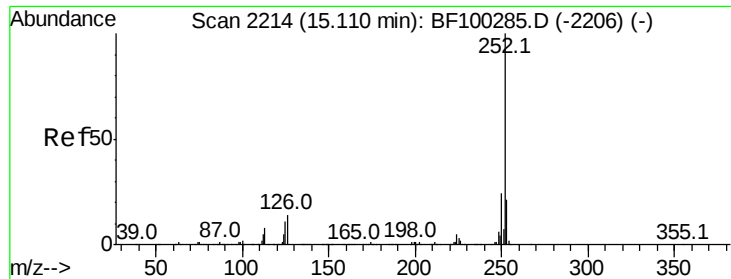
SOHIL
11/13/2017 4:43:11 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100385.D
Acq: 10 Nov 2017 12:39

Tgt Ion:	264	Resp:	412438
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	22.1	17.5	26.3





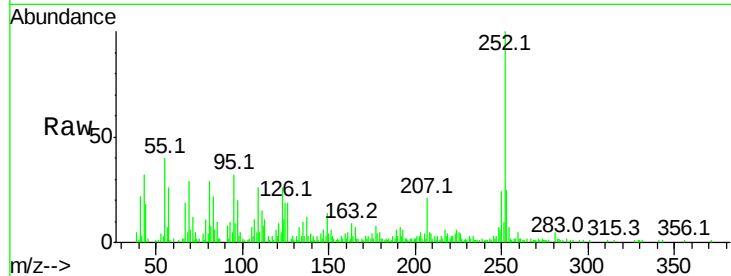
#87
 Benzo(b)fluoranthene
 Concen: 2.508 ng m
 RT: 15.10 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BF100385.D
 Acq: 10 Nov 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :
 EAST-RUTHERFORD-ROLLOFFS

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.0	25.6
125	19.3	9.0	13.6

Manual Integrations
 APPROVED

SOHIL
 11/13/2017 4:43:11 PM



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

