

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF111997.D
 Acq On : 10 Jan 2019 19:43
 Operator : JU/SJ
 Sample : K1071-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-3(15-20)

Manual Integrations
 APPROVED

Sohil
 1/11/2019 4:55:02 PM

Quant Time: Jan 11 16:46:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	100970	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	336799	20.00	ng	-0.02
39) Acenaphthene-d10	9.92	164	149085	20.00	ng	-0.02
64) Phenanthrene-d10	11.43	188	204197	20.00	ng	0.01
76) Chrysene-d12	14.12	240	148506m	20.00	ng	0.06
87) Perylene-d12	15.60	264	142077	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	569945	96.57	ng	-0.02
7) Phenol-d6	6.52	99	729245	95.87	ng	-0.02
23) Nitrobenzene-d5	7.43	82	412622	65.48	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	149983	77.34	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	680902	66.60	ng	-0.02
79) Terphenyl-d14	13.04	244	498911	63.77	ng	0.05
Target Compounds						
10) Phenol	6.53	94	28897	3.495	ng	# 76
38) 1-Methylnaphthalene	8.97	142	40525	4.265	ng	# 99
50) Dimethylphthalate	9.62	163	75651	6.755	ng	# 95
52) Acenaphthene	9.95	154	248460	26.635	ng	# 92
58) Fluorene	10.47	166	327373	33.163	ng	# 91
71) Phenanthrene	11.46	178	438097	40.128	ng	# 88
72) Anthracene	11.51	178	100733m	9.089	ng	
75) Fluoranthene	12.68	202	305900	27.294	ng	83
78) Pyrene	12.91	202	258363m	25.285	ng	

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

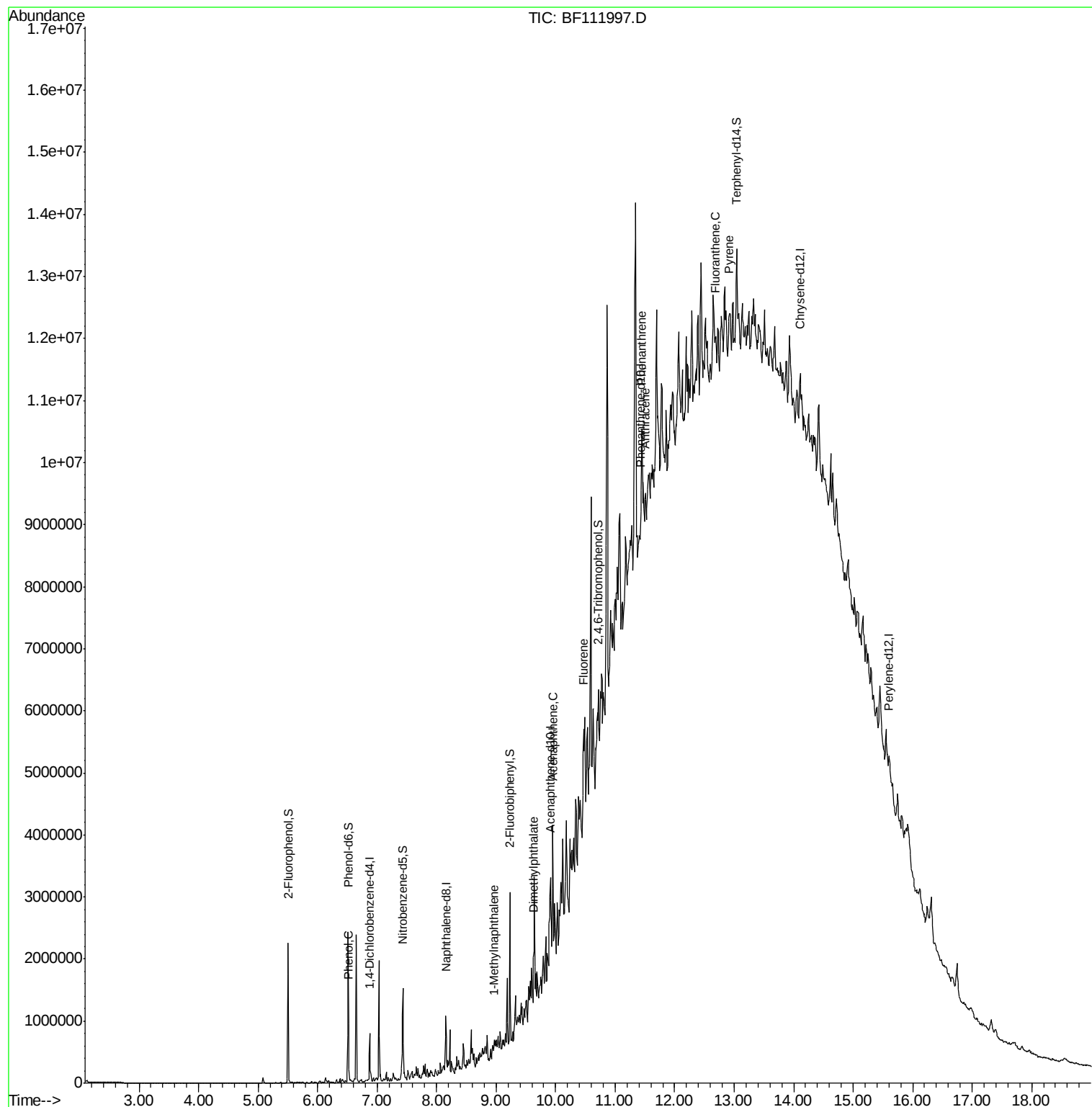
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111997.D
Acq On : 10 Jan 2019 19:43
Operator : JU/SJ
Sample : K1071-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

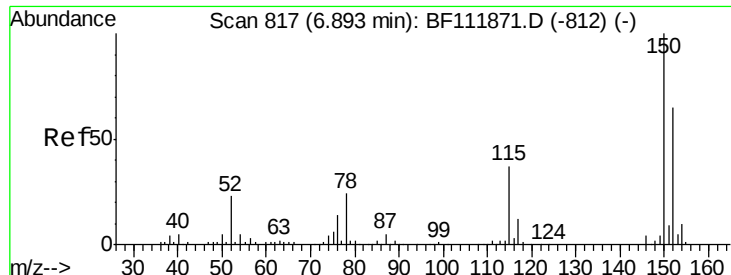
Instrument :
BNA_F
ClientSampleId :
CPSB-3(15-20)

Manual Integrations
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1/11/2019 4:55:02 PM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

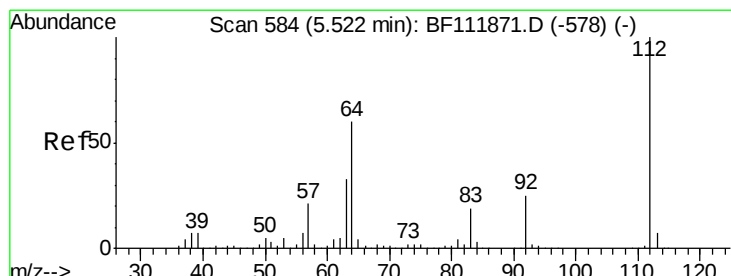
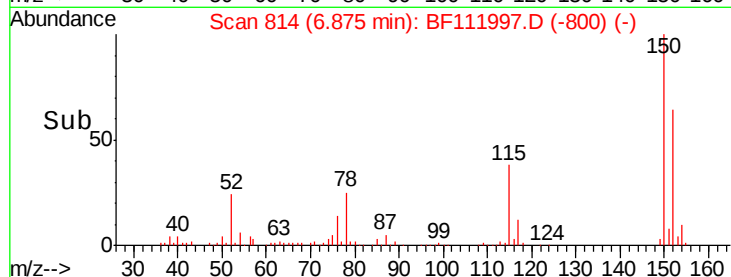
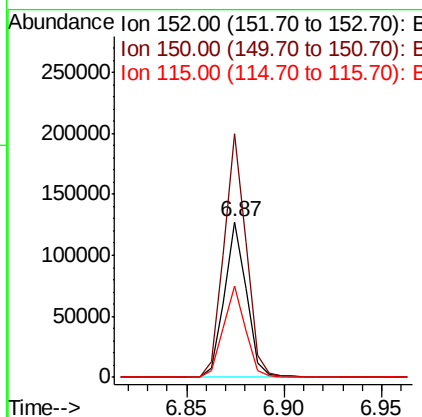
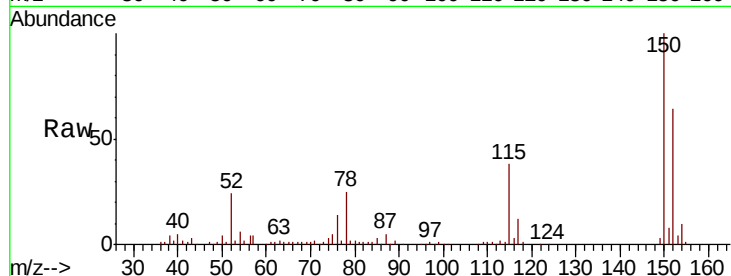
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF111997.D
 Acq: 10 Jan 2019 19:43

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-3(15-20)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	122.7	184.1
115	58.9	45.2	67.8

Manual Integrations
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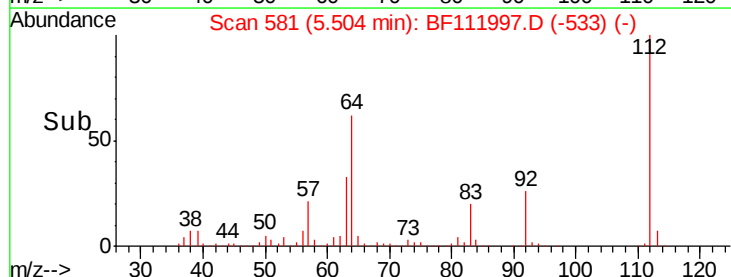
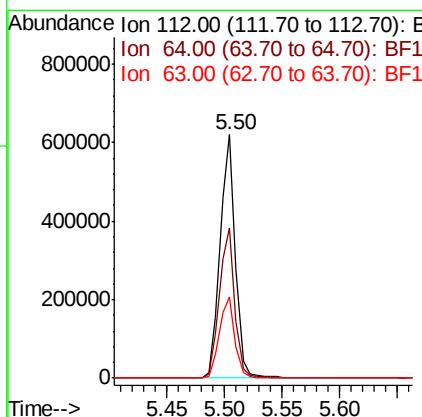
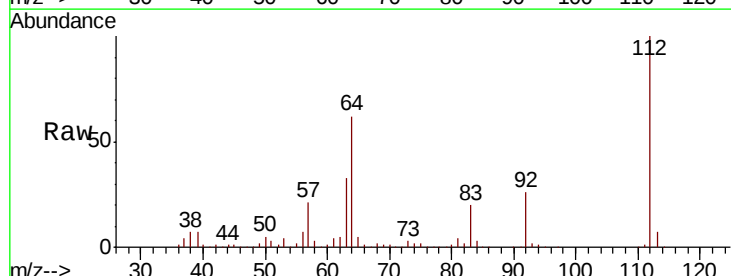
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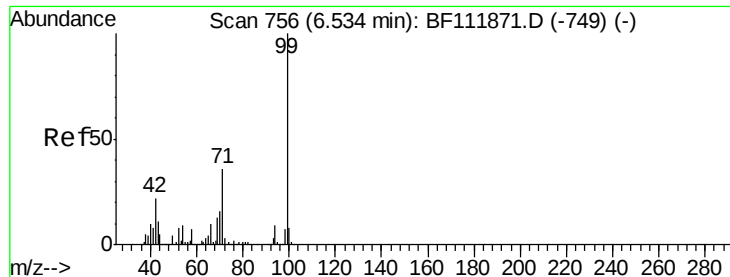


#5

2-Fluorophenol
 Concen: 96.570 ng
 RT: 5.50 min Scan# 581
 Delta R.T. -0.02 min
 Lab File: BF111997.D
 Acq: 10 Jan 2019 19:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	48.3	72.5
63	33.0	26.1	39.1





#7

Phenol-d6

Concen: 95.868 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

Instrument :

BNA_F

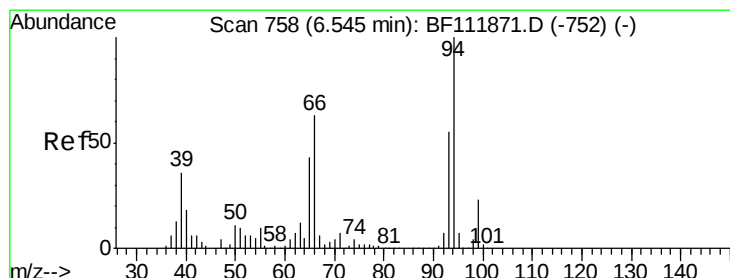
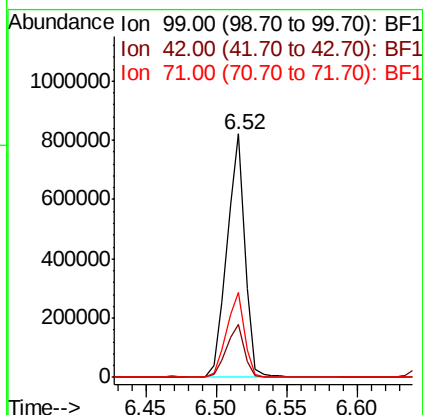
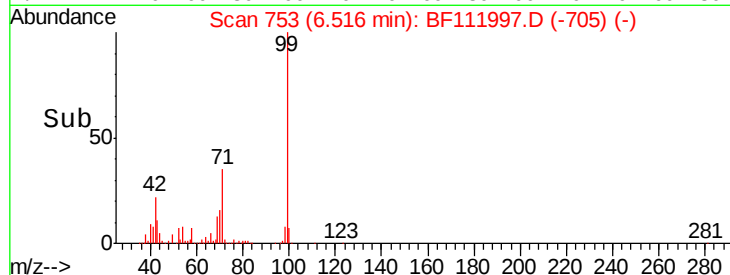
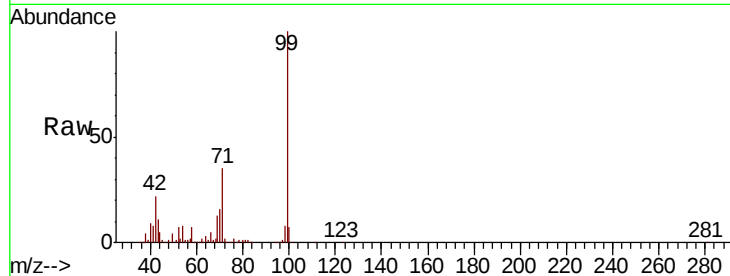
ClientSampled :

CPSB-3(15-20)

Tot Ion:	99	Resp:	729245
Ion Ratio	Lower	Upper	
99	100		
42	21.6	17.9	26.9
71	34.9	28.7	43.1

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#10

Phenol

Concen: 3.495 ng

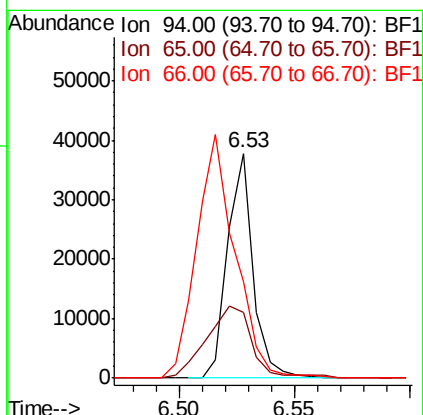
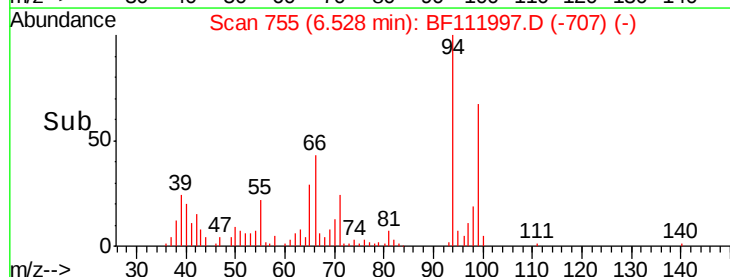
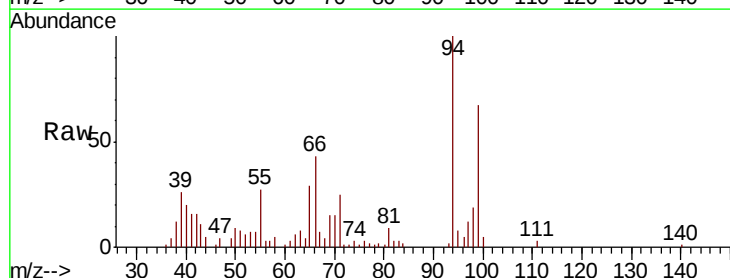
RT: 6.53 min Scan# 755

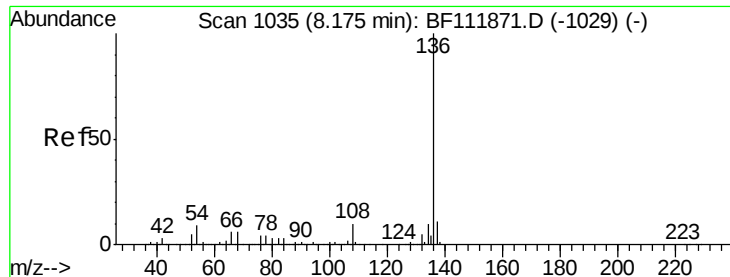
Delta R.T. -0.02 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

Tgt Ion:	94	Resp:	28897
Ion Ratio	Lower	Upper	
94	100		
65	29.1	22.8	62.8
66	42.9	43.3	83.3#





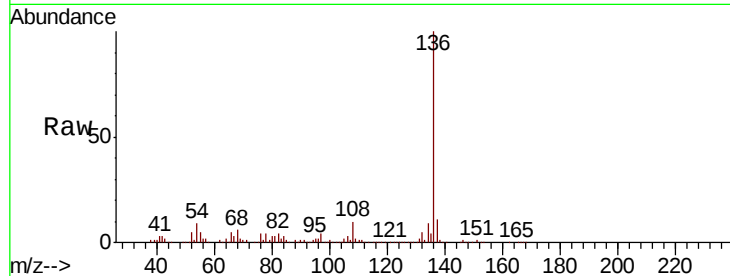
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF111997.D
Acq: 10 Jan 2019 19:43

Instrument :
BNA_F
ClientSampleId :
CPSB-3(15-20)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	9.1	13.7	
54	9.1	7.2	10.8	
68	5.9	4.4	6.6	

Manual Integrations
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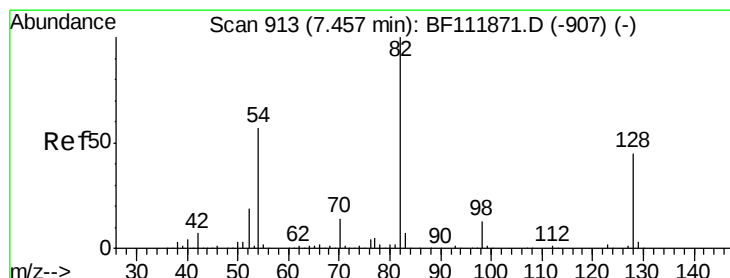
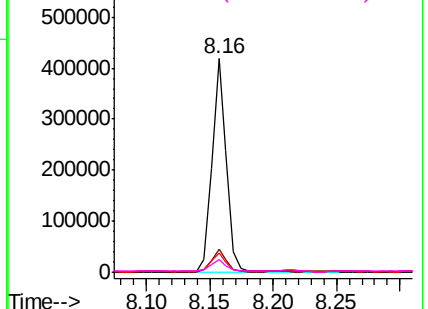
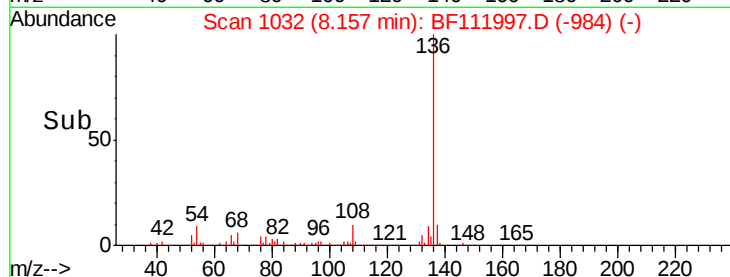
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

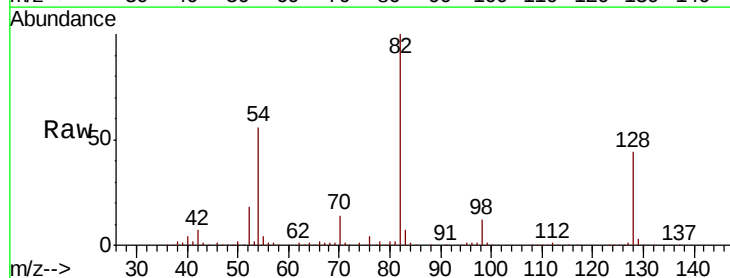
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 65.477 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF111997.D
Acq: 10 Jan 2019 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.4	35.7	53.5	
54	55.6	45.8	68.8	

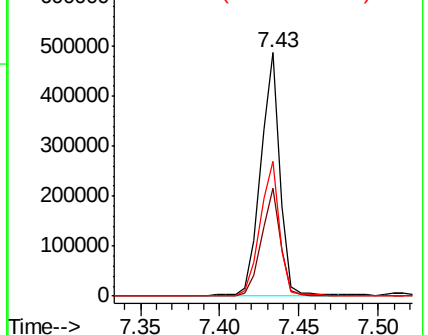
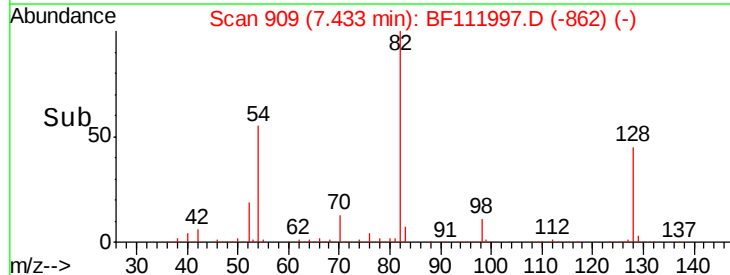


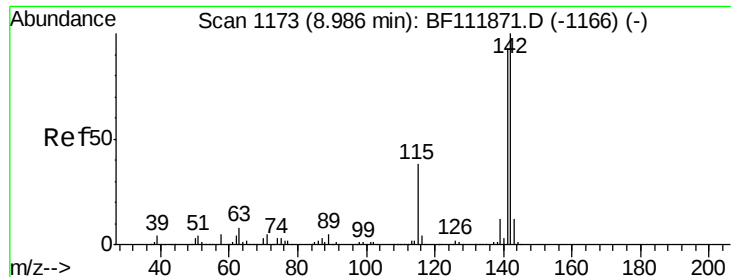
Abundance

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





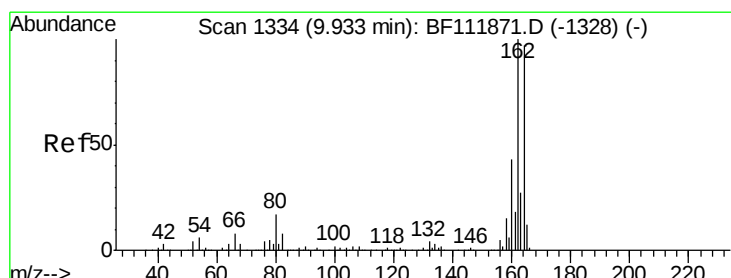
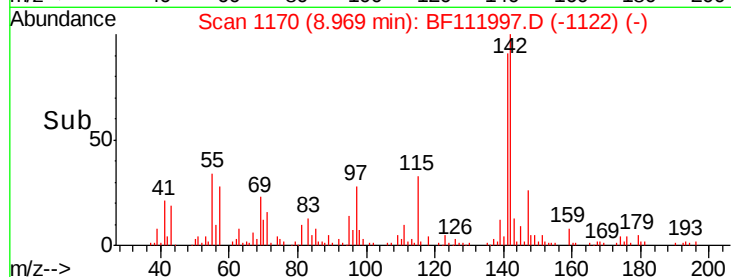
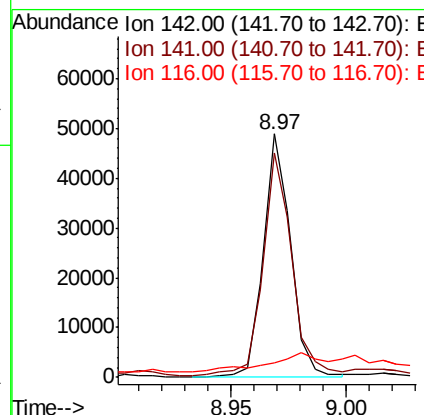
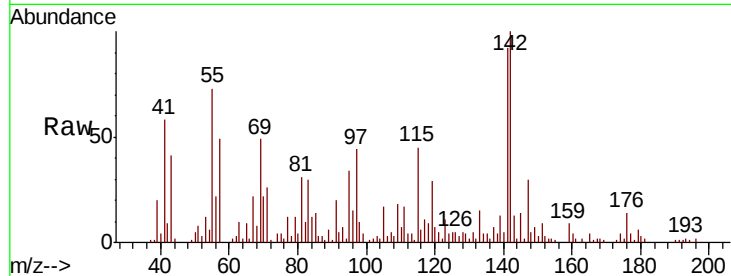
#38
1-Methylnaphthalene
Concen: 4.265 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF111997.D
Acq: 10 Jan 2019 19:43

Instrument :
BNA_F
ClientSampleId :
CPSB-3(15-20)

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.8	112.2
116	5.9	3.1	4.7#

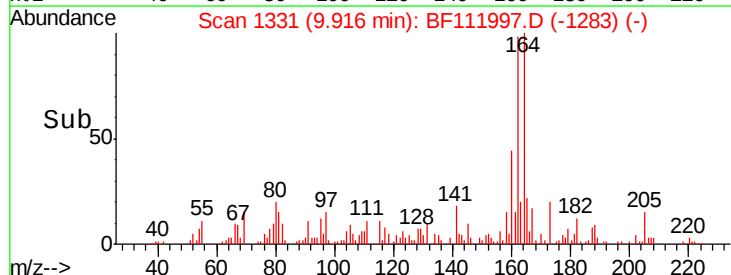
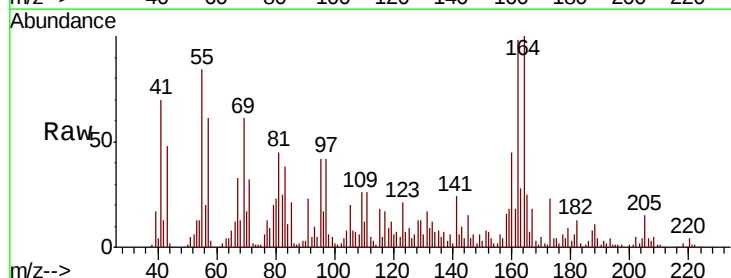
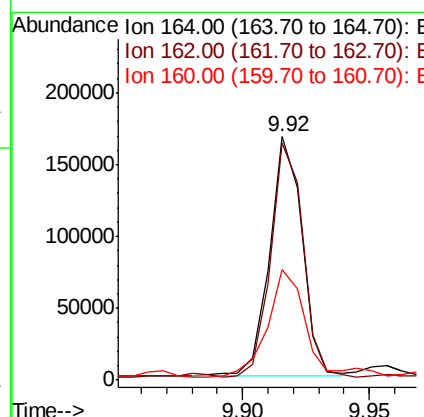
Manual Integrations
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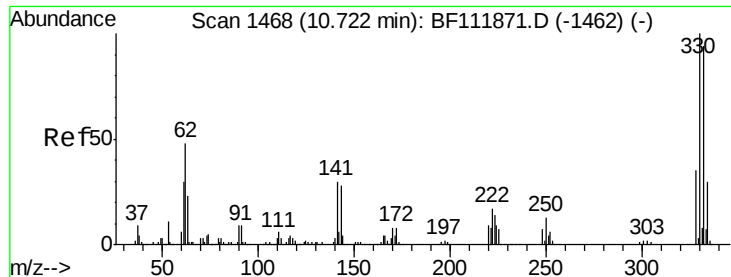
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF111997.D
Acq: 10 Jan 2019 19:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.5	82.2	123.2
160	45.4	35.5	53.3





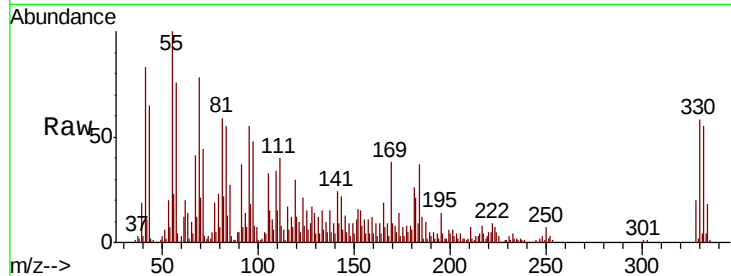
#42
 2,4,6-Tribromophenol
 Concen: 77.345 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF111997.D
 Acq: 10 Jan 2019 19:43

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-3(15-20)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.9	115.3
141	25.6	23.7	35.5

Manual Integrations
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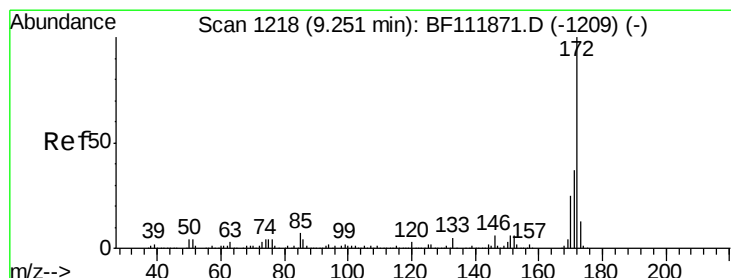
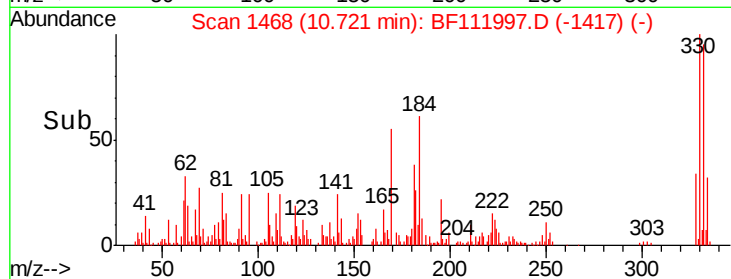
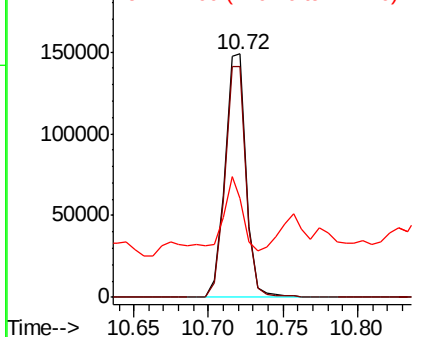


Abundance

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



#45
 2-Fluorobiphenyl
 Concen: 66.599 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF111997.D
 Acq: 10 Jan 2019 19:43

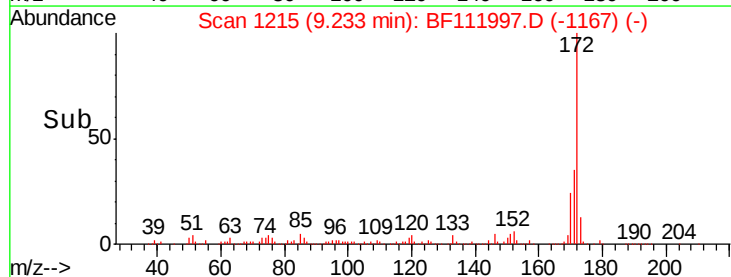
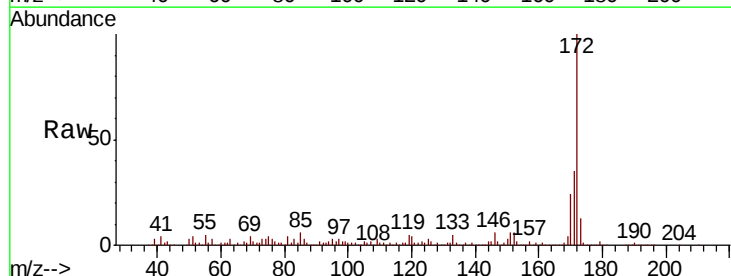
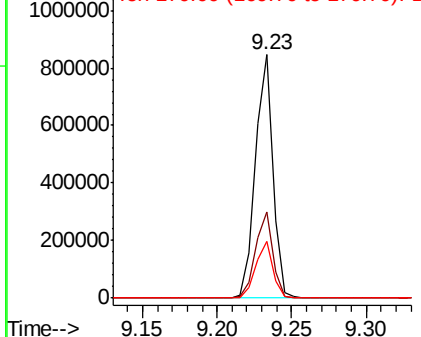
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.5	19.8	29.8

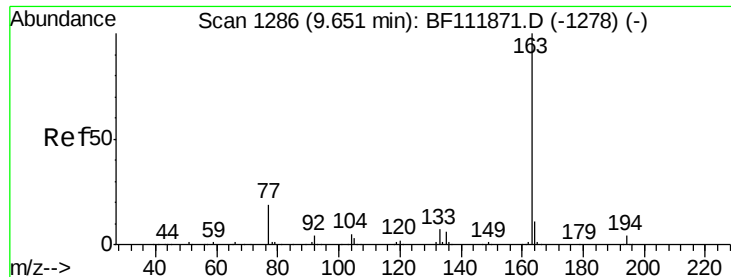
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.755 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.03 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

Instrument :

BNA_F

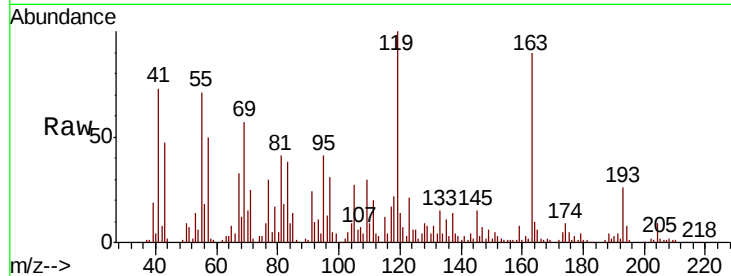
ClientSampled :

CPSB-3(15-20)

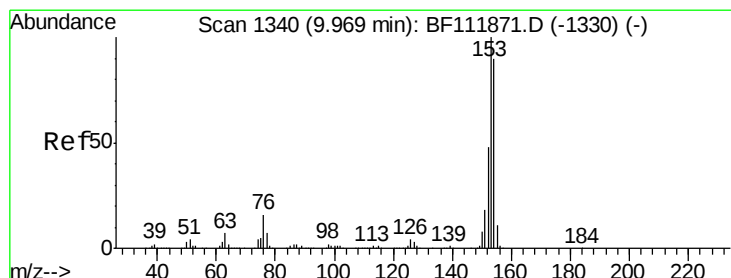
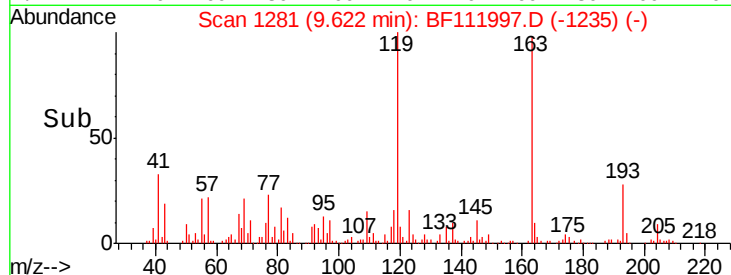
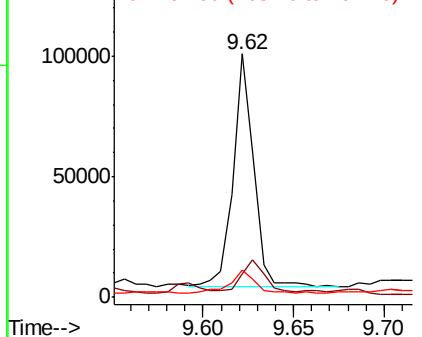
Tot Ion:	163	Resp:	75651
Ion Ratio	Lower	Upper	
163	100		
194	9.4	3.4	5.2#
164	11.1	8.5	12.7

Manual Integrations
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#52

Acenaphthene

Concen: 26.635 ng

RT: 9.95 min Scan# 1337

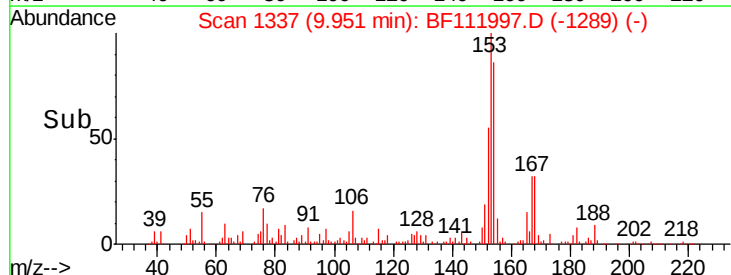
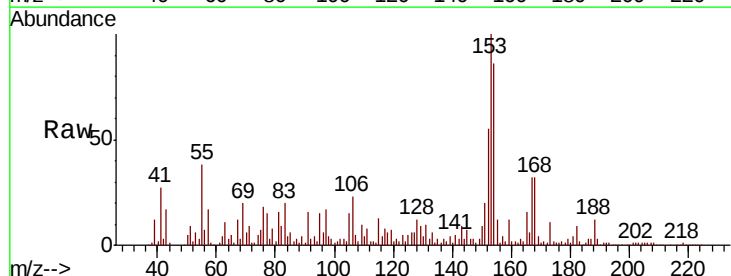
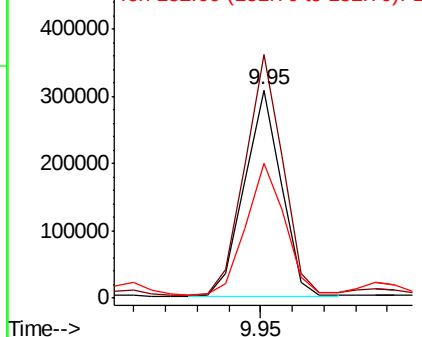
Delta R.T. -0.02 min

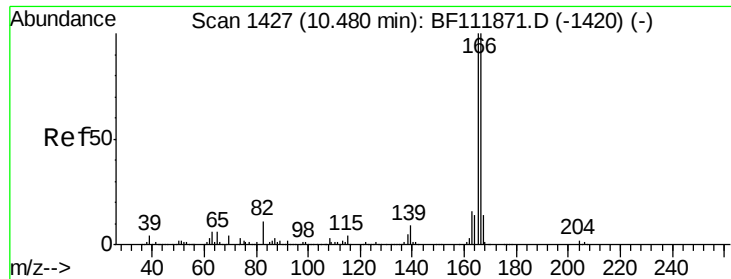
Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

Tgt Ion:	154	Resp:	248460
Ion Ratio	Lower	Upper	
154	100		
153	116.9	89.4	134.0
152	64.7	43.1	64.7#

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





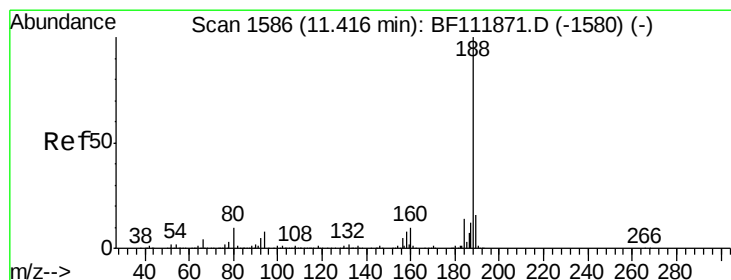
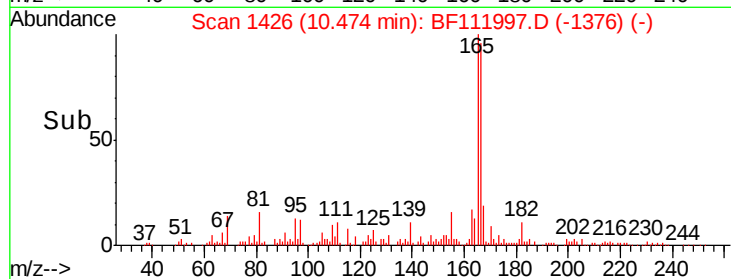
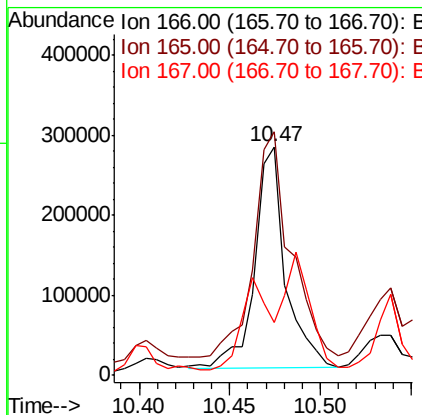
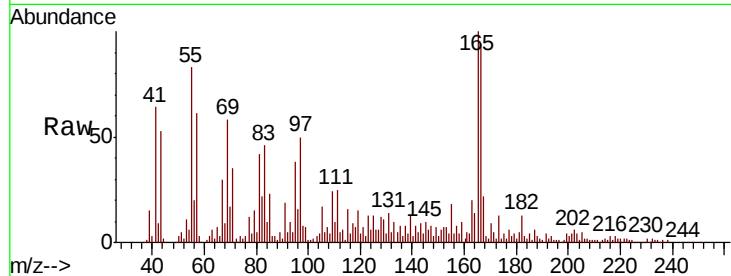
#58
 Fluorene
 Concen: 33.163 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF111997.D
 Acq: 10 Jan 2019 19:43

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-3(15-20)

Tot Ion	Ratio	Lower	Upper
166	100		
165	106.6	79.7	119.5
167	23.1	11.1	16.7

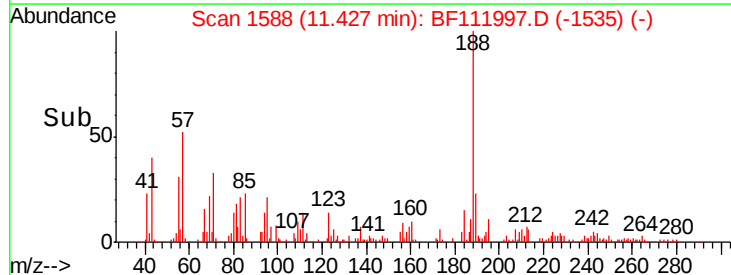
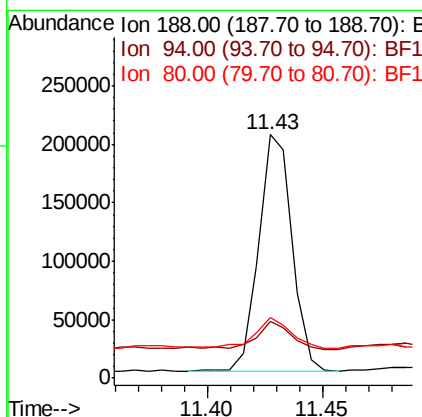
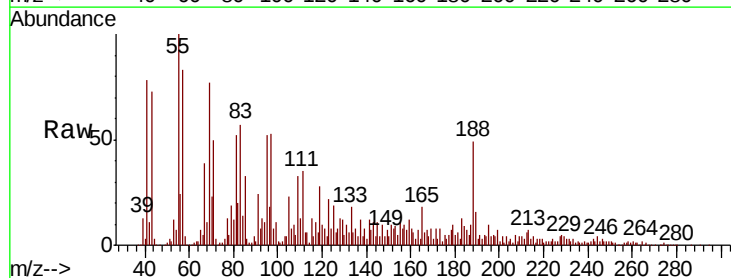
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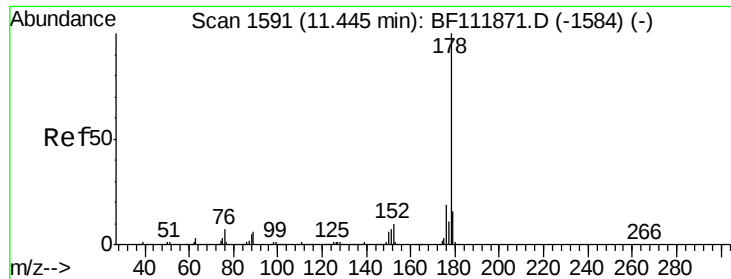
Sohil
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF111997.D
 Acq: 10 Jan 2019 19:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	23.4	6.6	10.0
80	24.8	7.7	11.5





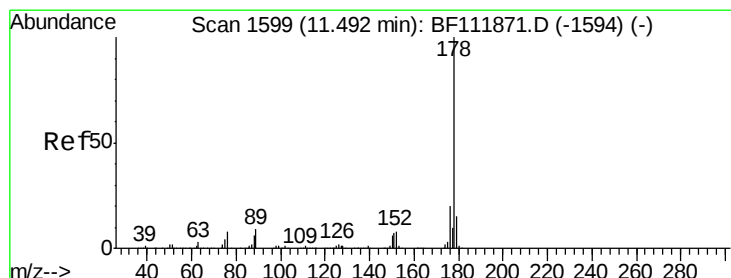
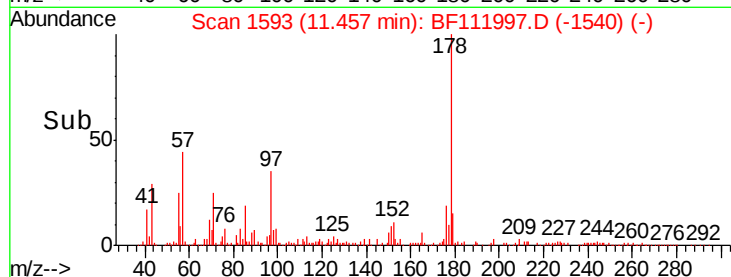
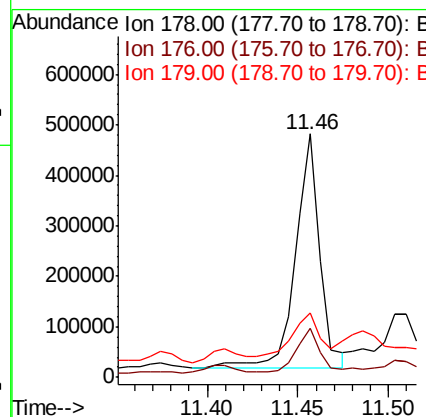
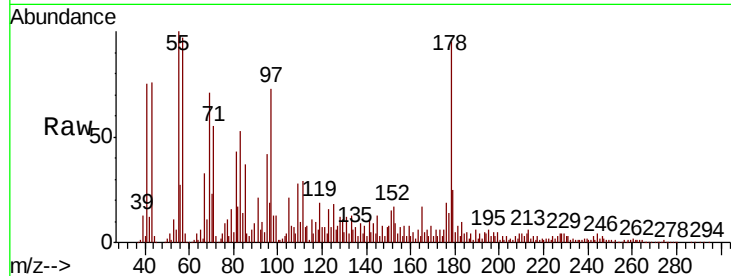
#71
Phenanthrene
Concen: 40.128 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.01 min
Lab File: BF111997.D
Acq: 10 Jan 2019 19:43

Instrument :
BNA_F
ClientSampleId :
CPSB-3(15-20)

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.6	23.4
179	26.3	12.6	18.8

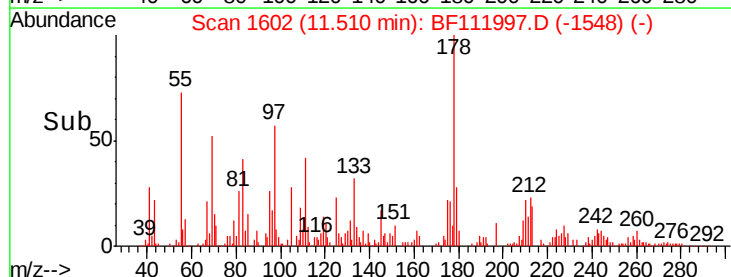
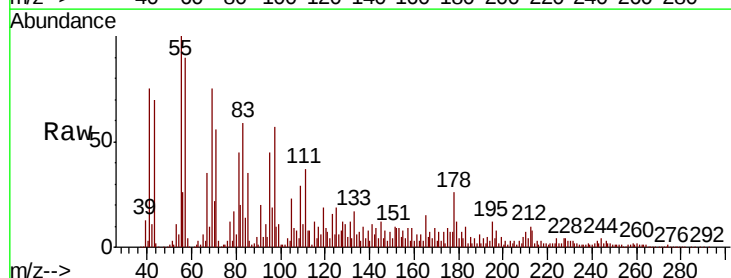
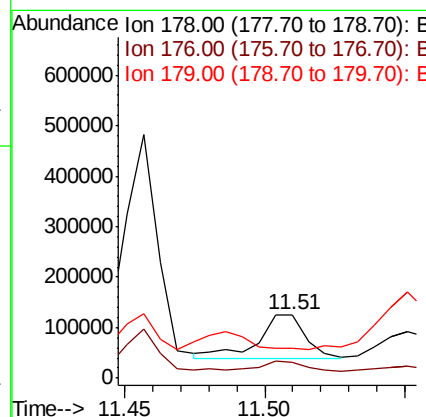
Manual Integrations
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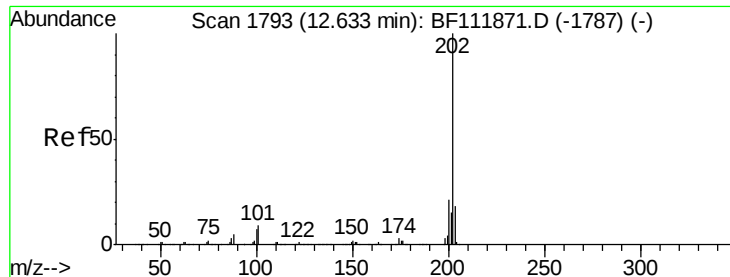
Sohil
1/11/2019 4:55:02 PM



#72
Anthracene
Concen: 9.089 ng m
RT: 11.51 min Scan# 1602
Delta R.T. 0.02 min
Lab File: BF111997.D
Acq: 10 Jan 2019 19:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	25.2	15.7	23.5
179	46.2	12.4	18.6





#75

Fluoranthene

Concen: 27.294 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.05 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

Instrument :

BNA_F

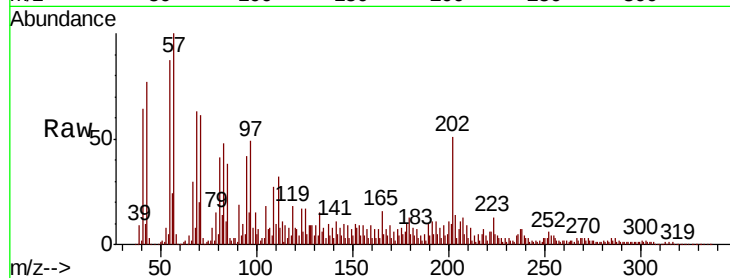
ClientSampleId :

CPSB-3(15-20)

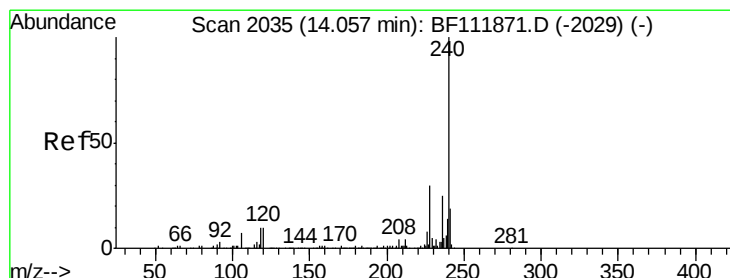
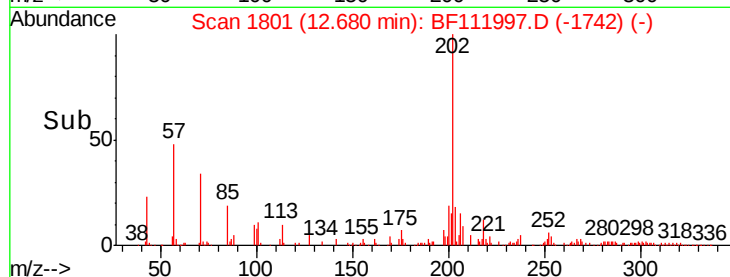
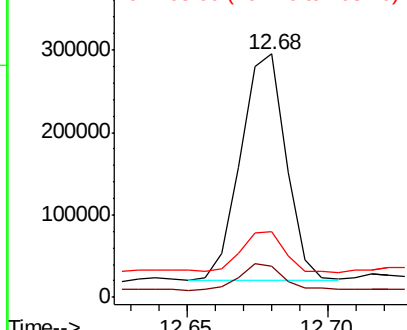
Tot Ion:	202	Resp:	305900
Ion Ratio		Lower	Upper
202	100		
101	12.8	0.0	29.3
203	26.9	0.0	37.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng m

RT: 14.12 min Scan# 2045

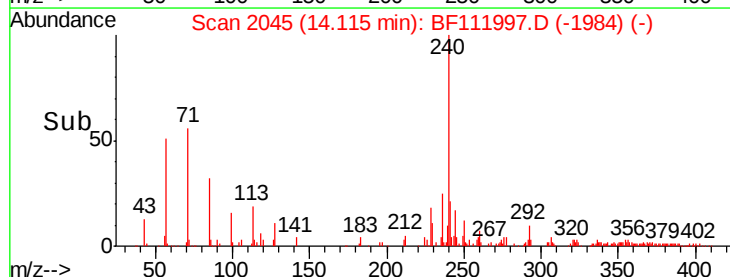
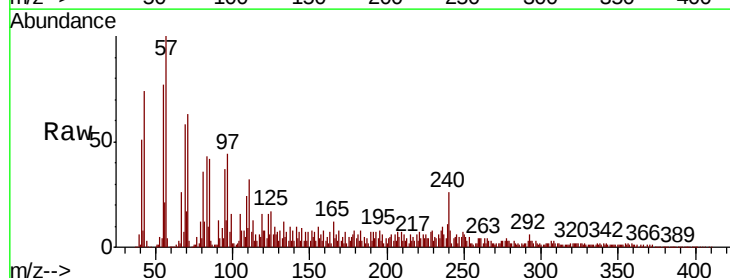
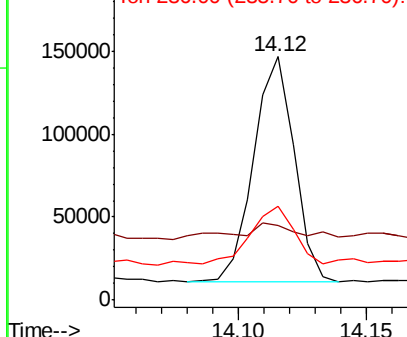
Delta R.T. 0.06 min

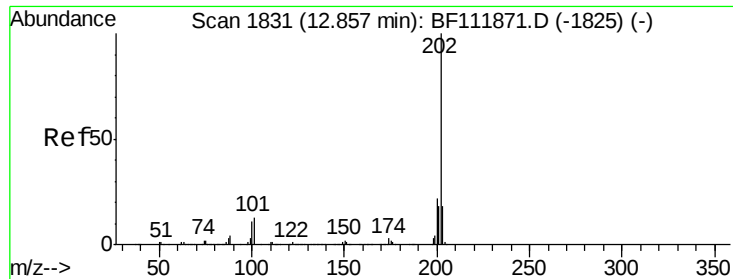
Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

Tgt Ion:	240	Resp:	148506
Ion Ratio		Lower	Upper
240	100		
120	30.7	8.2	12.2#
236	38.5	20.2	30.4#

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 25.285 ng/mL

RT: 12.91 min Scan# 1840

Delta R.T. 0.05 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

Instrument :

BNA_F

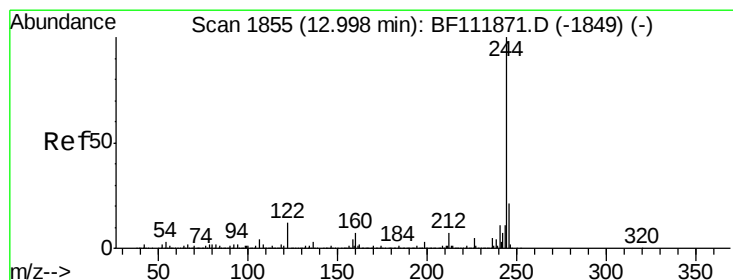
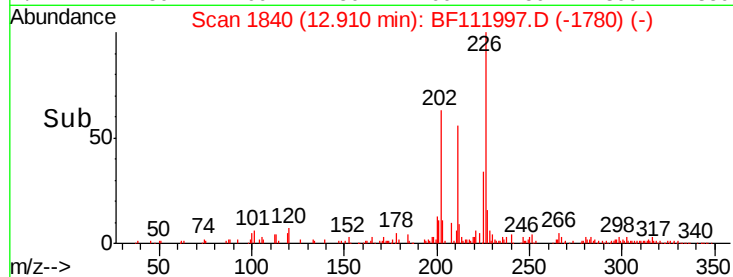
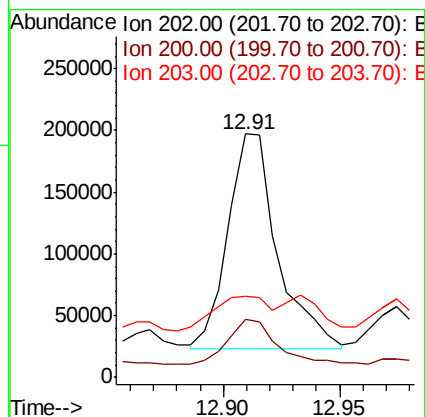
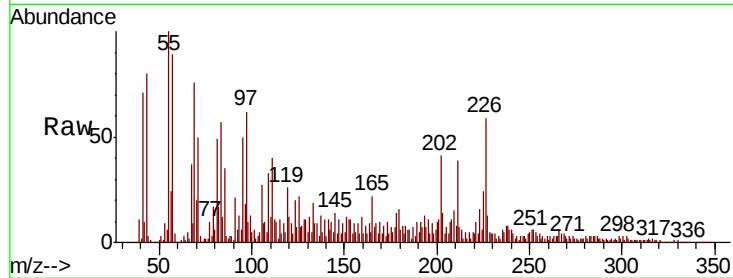
ClientSampled :

CPSB-3(15-20)

Tot Ion:	202	Resp:	258363
Ion Ratio	Lower	Upper	
202	100		
200	24.0	17.4	26.2
203	33.2	14.6	21.8

Manual Integrations
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#79

Terphenyl-d14

Concen: 63.771 ng/mL

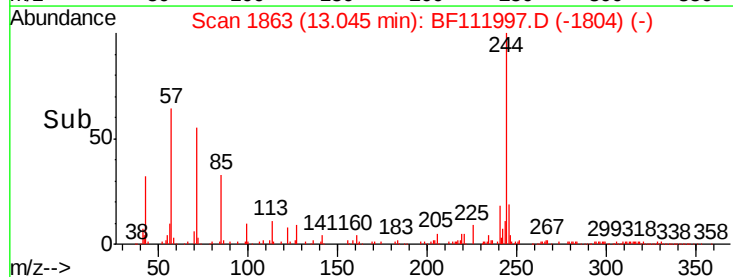
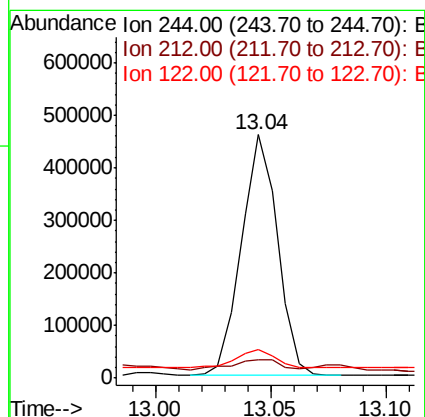
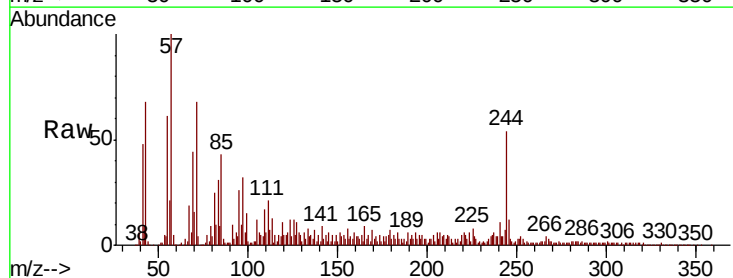
RT: 13.04 min Scan# 1863

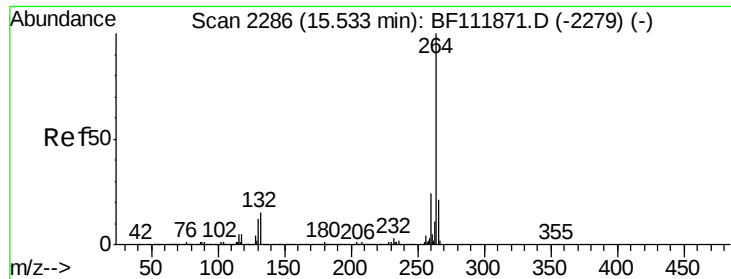
Delta R.T. 0.05 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

Tgt Ion:	244	Resp:	498911
Ion Ratio	Lower	Upper	
244	100		
212	7.7	5.8	8.8
122	11.7	9.5	14.3





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.07 min
Lab File: BF111997.D
Acq: 10 Jan 2019 19:43

Instrument :
BNA_F
ClientSampleId :
CPSB-3(15-20)

Tot Ion	Ratio	Lower	Upper
264	100		
260	27.6	19.2	28.8
265	27.6	17.1	25.7

Manual Integrations
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