

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111963.D
 Acq On : 9 Jan 2019 21:31
 Operator : JU/SJ
 Sample : K1044-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-11(20-25)

Manual Integrations
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Sohil
 1/10/2019 11:46:03 AM

Quant Time: Jan 10 03:12:27 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	6.89	152	134078	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	469680	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	201389	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	341296	20.00	ng	0.00
76) Chrysene-d12	14.06	240	271914	20.00	ng	0.00
87) Perylene-d12	15.54	264	199139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	655874	83.69	ng	0.00
7) Phenol-d6	6.53	99	845364	83.69	ng	0.00
23) Nitrobenzene-d5	7.44	82	516231	58.74	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	196465	75.00	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	903812	65.44	ng	-0.01
79) Terphenyl-d14	13.00	244	829887	57.93	ng	0.00
Target Compounds						
10) Phenol	6.54	94	51996	4.736	ng	Qvalue # 72
37) 2-Methylnaphthalene	8.88	142	29580	2.141	ng	96
50) Dimethylphthalate	9.63	163	127378	8.420	ng	100
52) Acenaphthene	9.96	154	33577	2.665	ng	96
58) Fluorene	10.47	166	41080	3.081	ng	98
71) Phenanthrene	11.43	178	180487	9.891	ng	99
72) Anthracene	11.49	178	58098	3.136	ng	98
75) Fluoranthene	12.63	202	212426	11.340	ng	98
78) Pyrene	12.86	202	205699	10.994	ng	98
81) Benzo(a)anthracene	14.04	228	81372m	5.200	ng	
83) Chrysene	14.08	228	79232m	5.310	ng	
88) Benzo(b)fluoranthene	15.10	252	59237m	4.973	ng	
90) Benzo(a)pyrene	15.47	252	42949	4.100	ng	# 84
92) Benzo(a,h,i)perylene	17.50	276	23951	2.907	ng	# 90

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

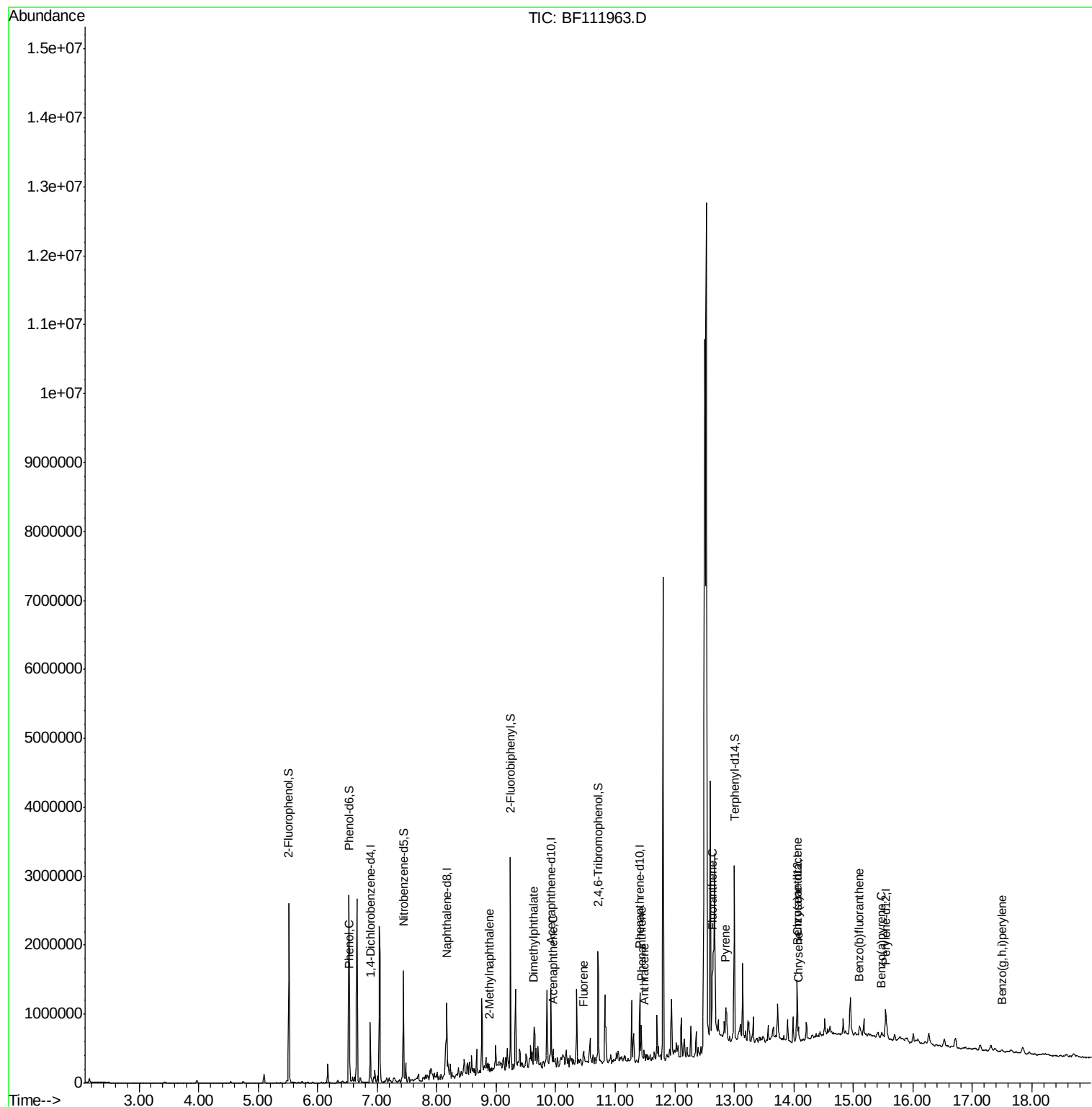
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111963.D
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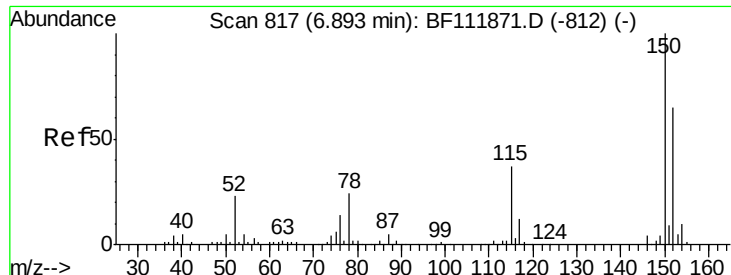
Instrument :
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CPSB-11(20-25)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

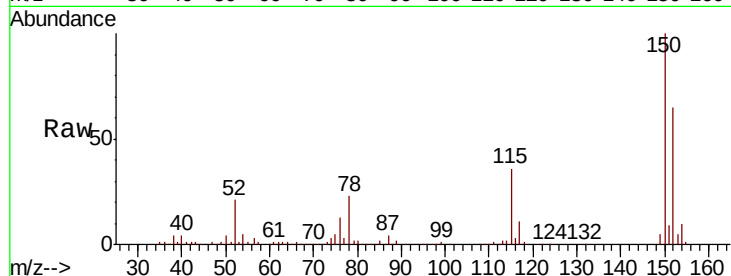
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111963.D
Acq: 9 Jan 2019 21:31

Instrument :
BNA_F
ClientSampleId :
CPSB-11(20-25)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	122.7	184.1
115	55.1	45.2	67.8

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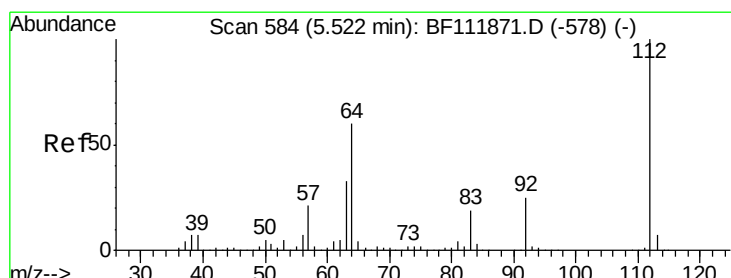
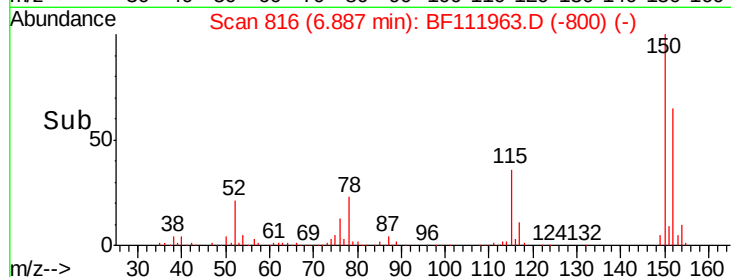
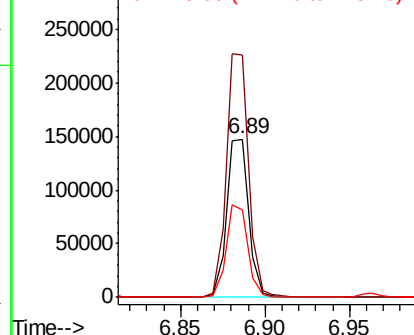


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

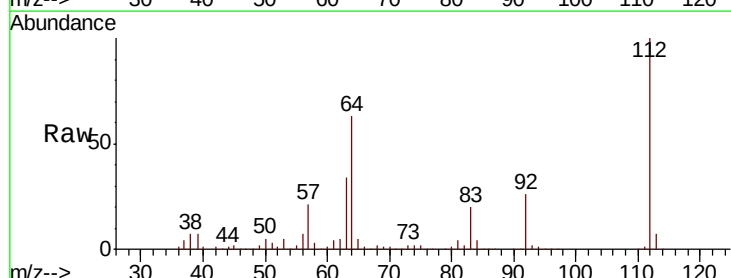
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 83.689 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111963.D
Acq: 9 Jan 2019 21:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	48.3	72.5
63	34.3	26.1	39.1

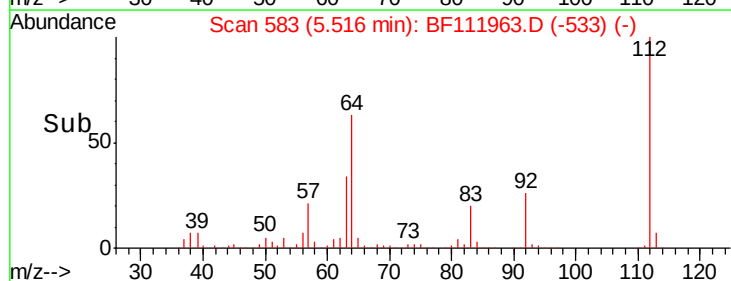
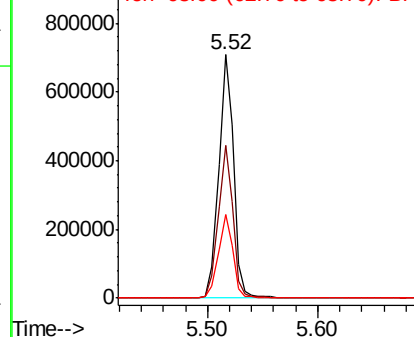


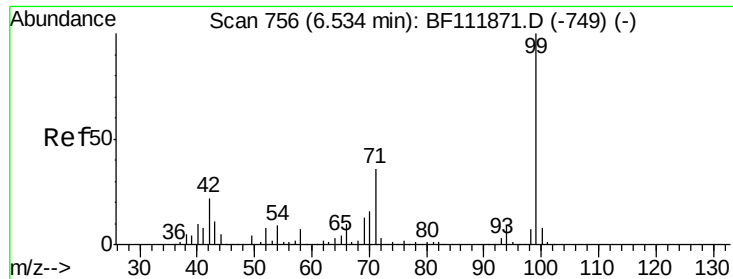
Abundance

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: 83.691 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111963.D

Acq: 9 Jan 2019 21:31

Instrument :

BNA_F

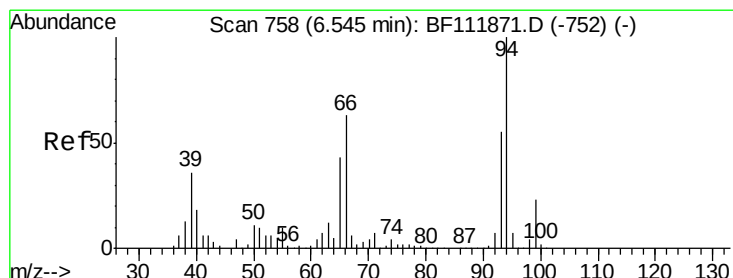
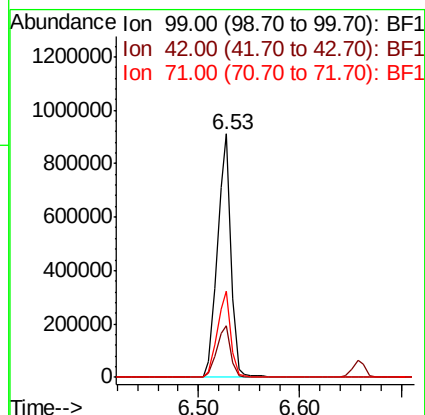
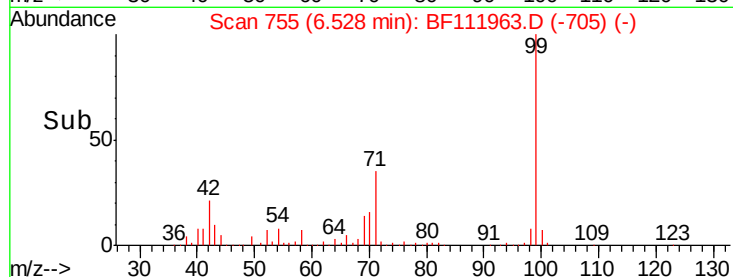
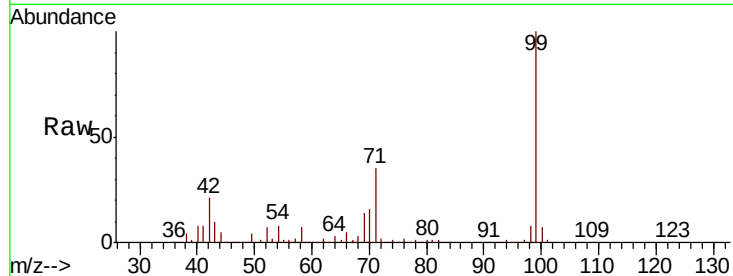
ClientSampleId :

CPSB-11(20-25)

Tot Ion:	99	Resp:	845364
Ion Ratio	Lower	Upper	
99	100		
42	21.2	17.9	26.9
71	35.3	28.7	43.1

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#10

Phenol

Concen: 4.736 ng

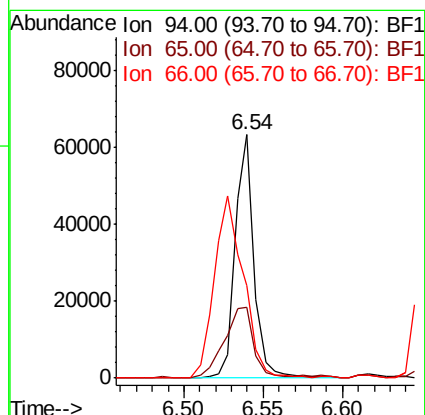
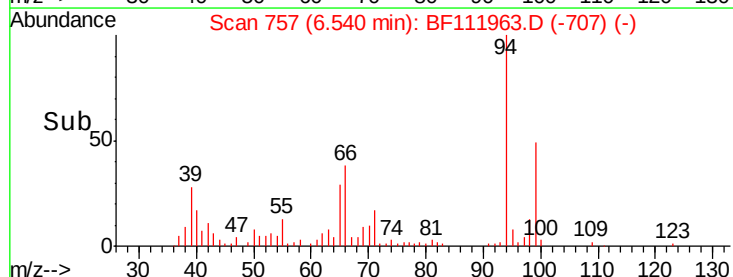
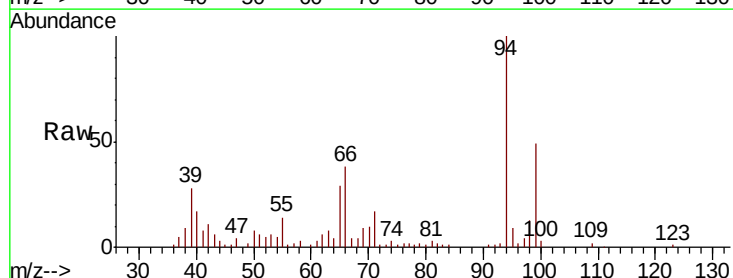
RT: 6.54 min Scan# 757

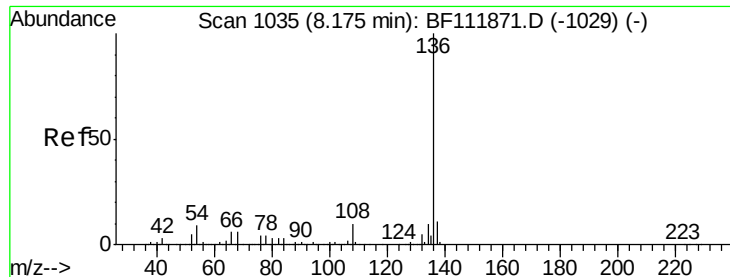
Delta R.T. -0.01 min

Lab File: BF111963.D

Acq: 9 Jan 2019 21:31

Tgt Ion:	94	Resp:	51996
Ion Ratio	Lower	Upper	
94	100		
65	29.0	22.8	62.8
66	38.2	43.3	83.3#





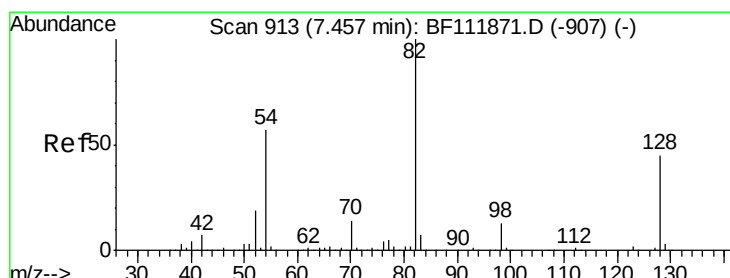
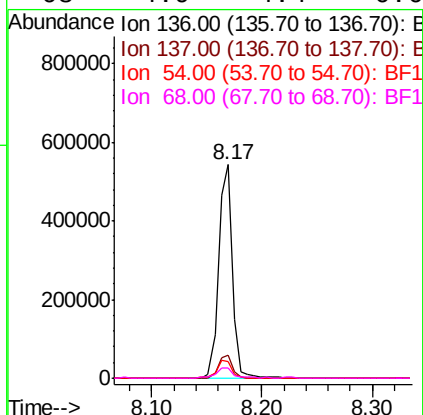
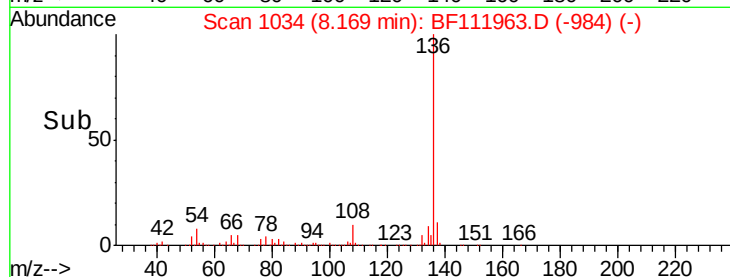
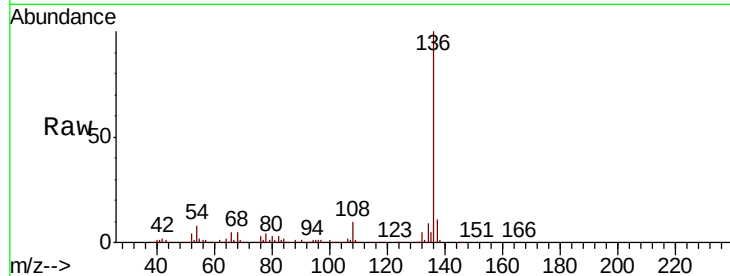
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111963.D
Acq: 9 Jan 2019 21:31

Instrument :
BNA_F
ClientSampleId :
CPSB-11(20-25)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.1	13.7	
54	7.8	7.2	10.8	
68	4.9	4.4	6.6	

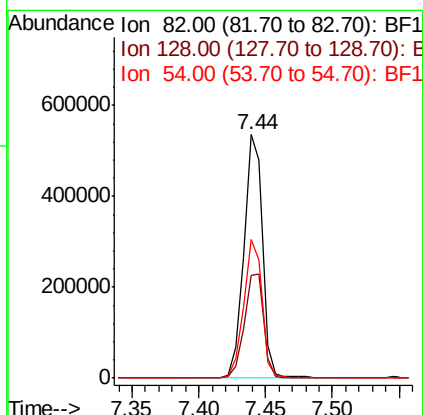
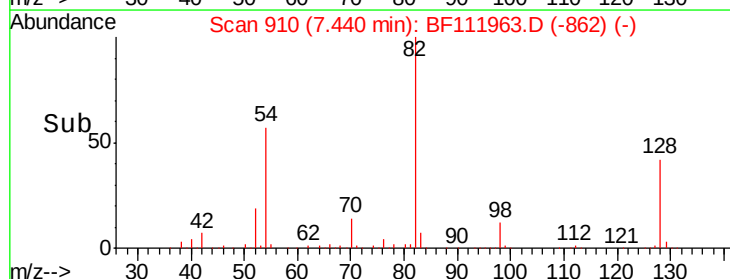
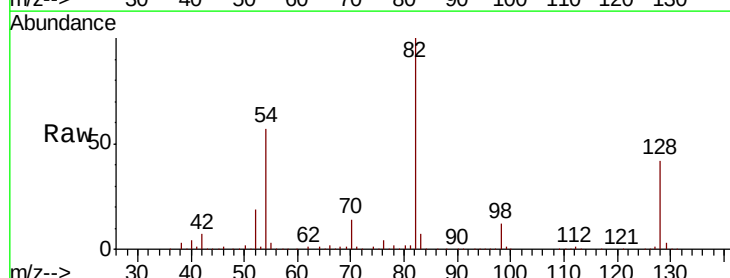
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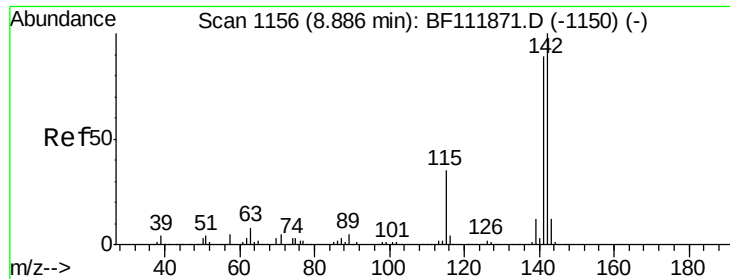
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#23
Nitrobenzene-d5
Concen: 58.742 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111963.D
Acq: 9 Jan 2019 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.4	35.7	53.5	
54	57.0	45.8	68.8	





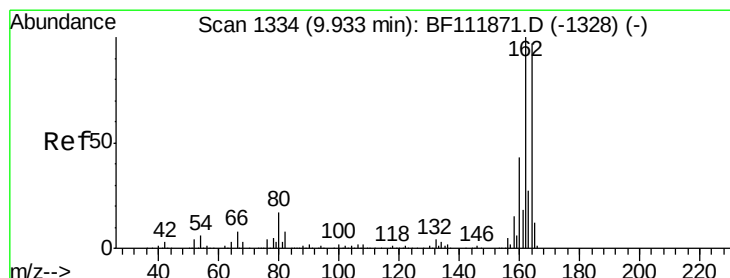
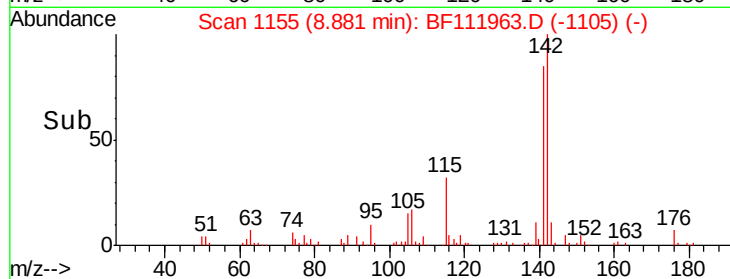
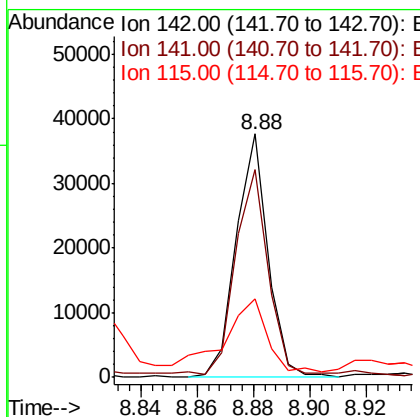
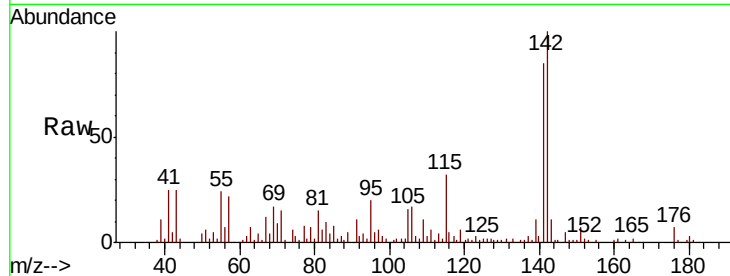
#37
 2-Methylnaphthalene
 Concen: 2.141 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF111963.D
 Acq: 9 Jan 2019 21:31

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-11(20-25)

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.5	71.4	107.2
115	32.2	28.3	42.5

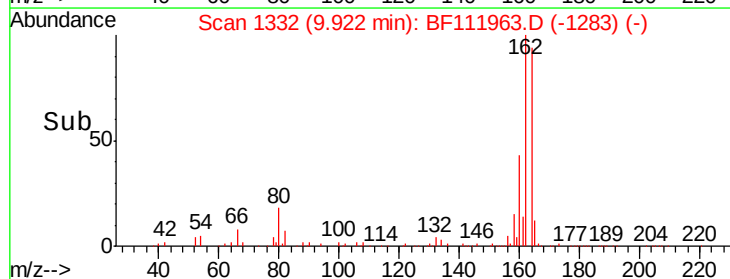
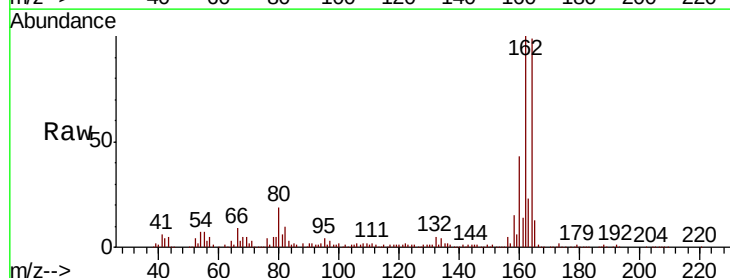
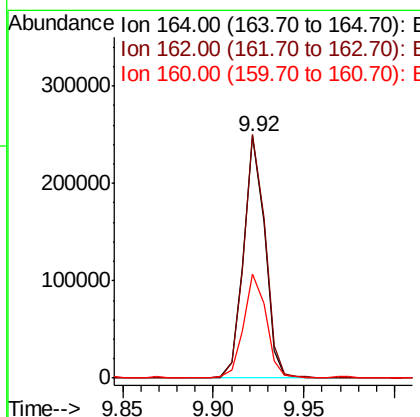
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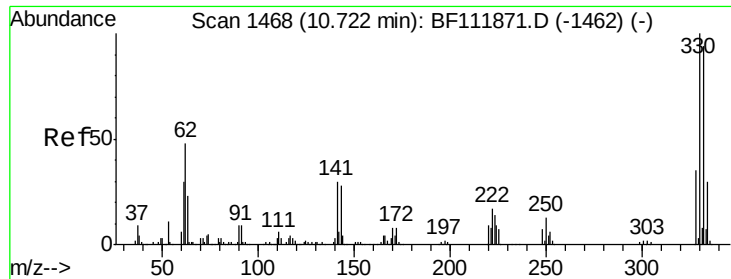
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF111963.D
 Acq: 9 Jan 2019 21:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.2	123.2
160	43.0	35.5	53.3





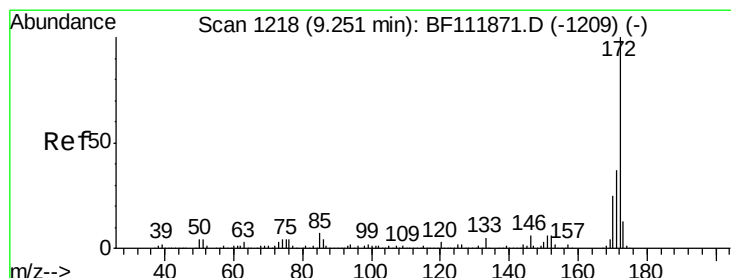
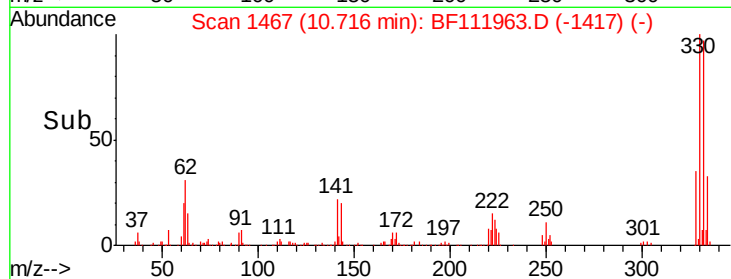
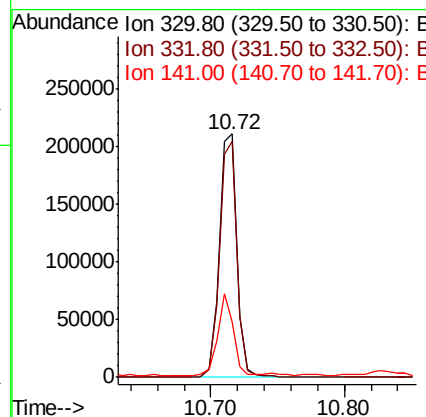
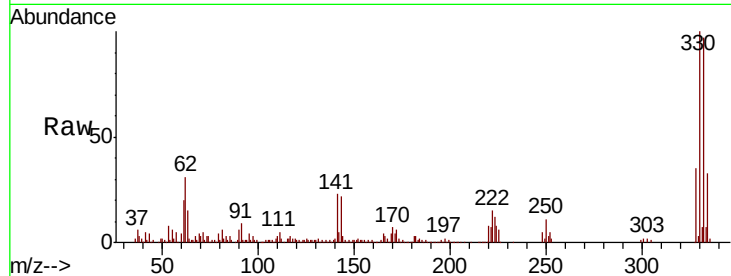
#42
 2,4,6-Tribromophenol
 Concen: 75.002 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111963.D
 Acq: 9 Jan 2019 21:31

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-11(20-25)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	196465		
332	96.2	76.9	115.3	
141	29.3	23.7	35.5	

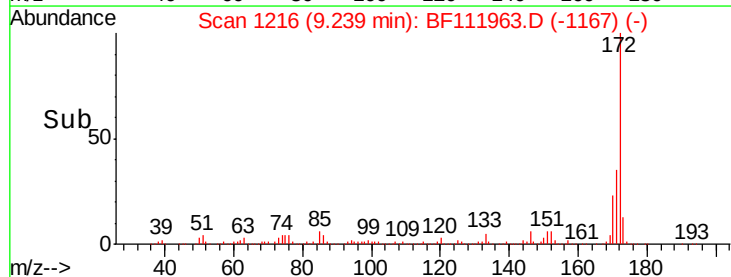
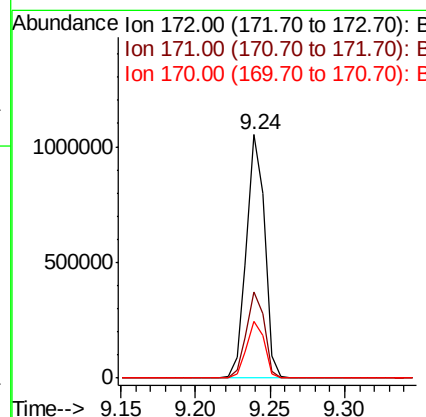
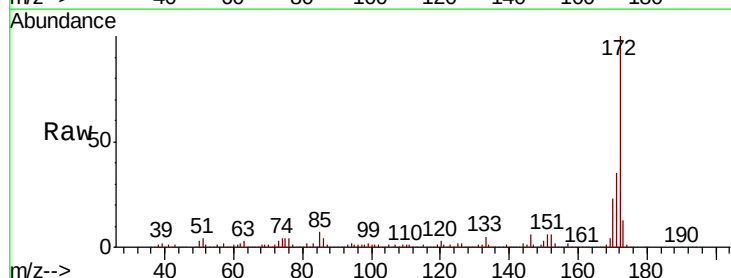
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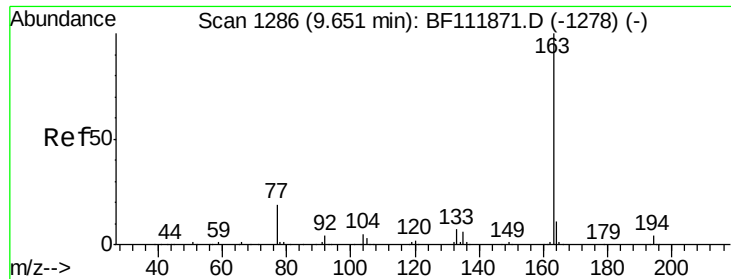
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#45
 2-Fluorobiphenyl
 Concen: 65.442 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF111963.D
 Acq: 9 Jan 2019 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	903812		
171	35.5	29.6	44.4	
170	23.2	19.8	29.8	





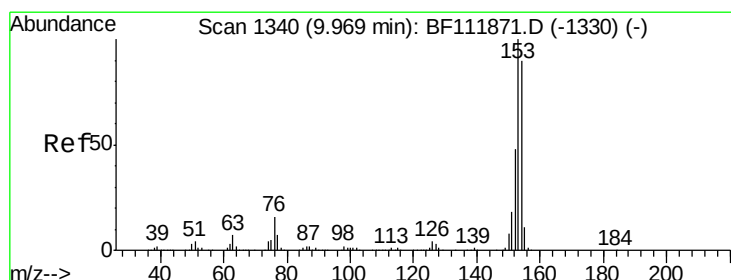
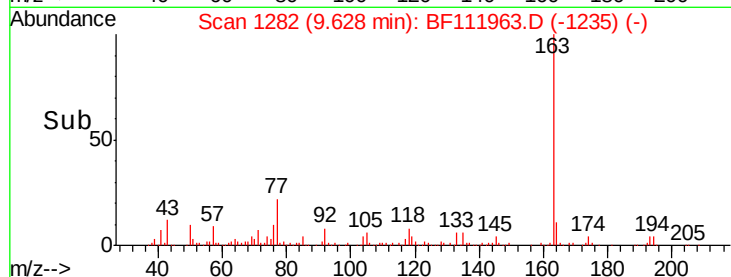
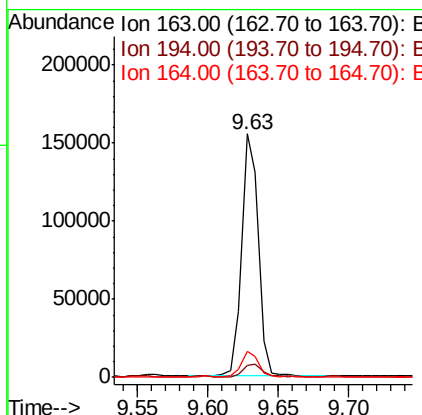
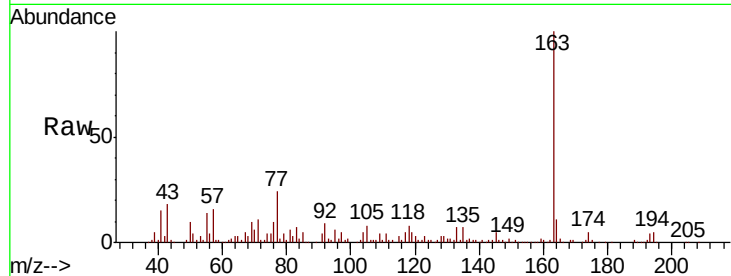
#50
Dimethylphthalate
Concen: 8.420 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111963.D
Acq: 9 Jan 2019 21:31

Instrument :
BNA_F
ClientSampleId :
CPSB-11(20-25)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	127378		
194	4.7		3.4	5.2
164	10.6		8.5	12.7

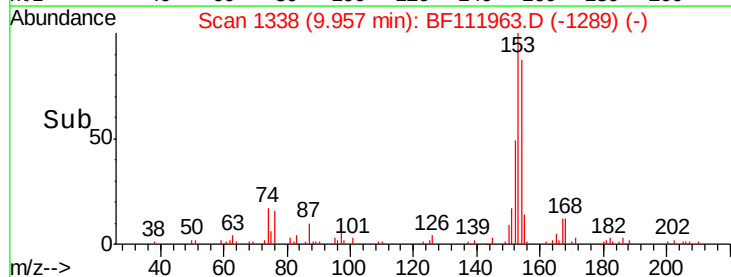
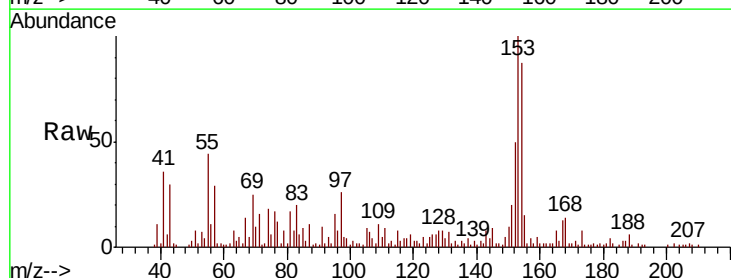
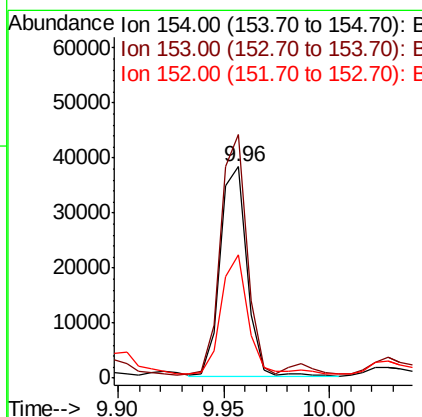
Manual Integrations
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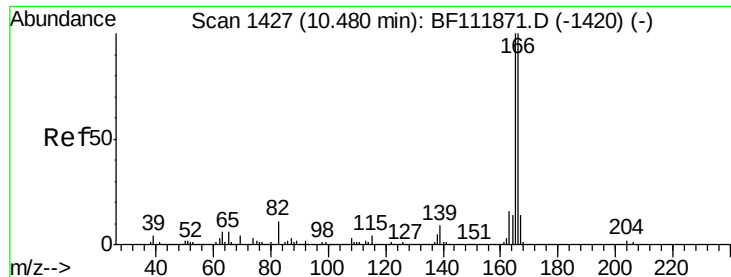
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#52
Acenaphthene
Concen: 2.665 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF111963.D
Acq: 9 Jan 2019 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	33577		
153	115.3		89.4	134.0
152	58.2		43.1	64.7





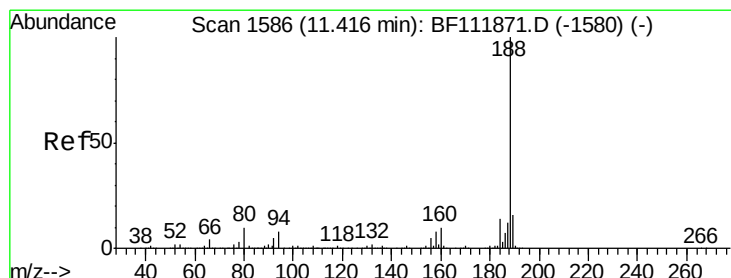
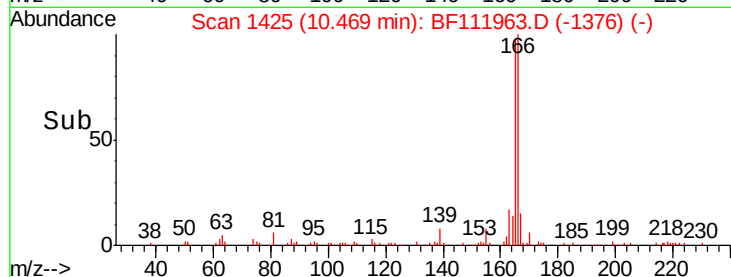
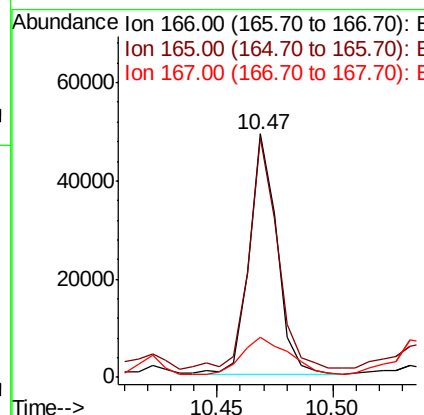
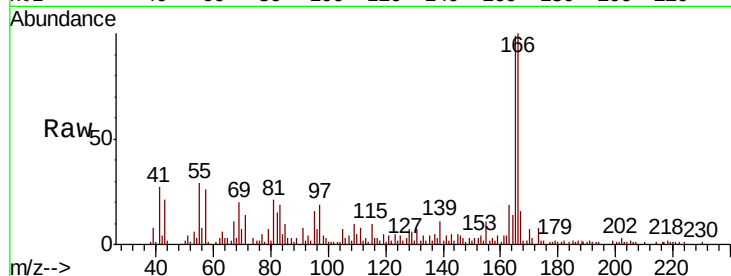
#58
 Fluorene
 Concen: 3.081 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF111963.D
 Acq: 9 Jan 2019 21:31

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-11(20-25)

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.7	119.5
167	16.3	11.1	16.7

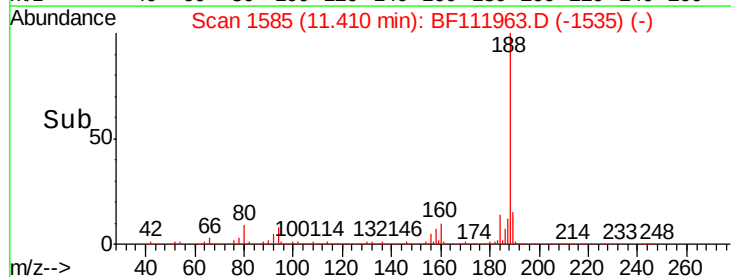
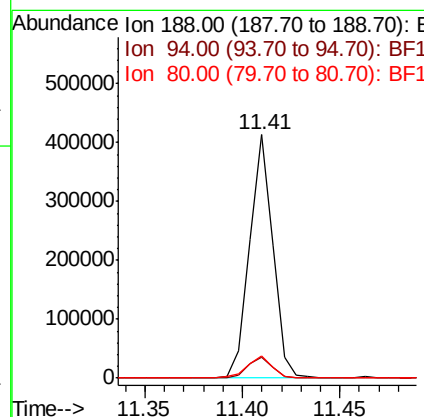
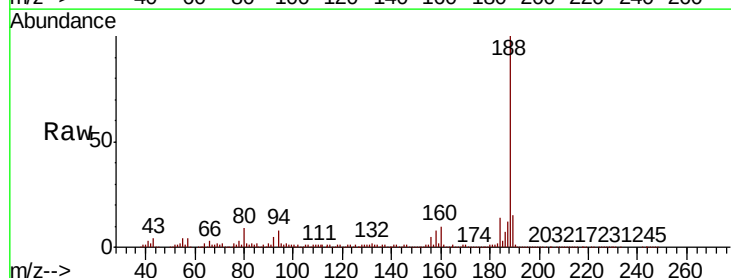
Manual Integrations
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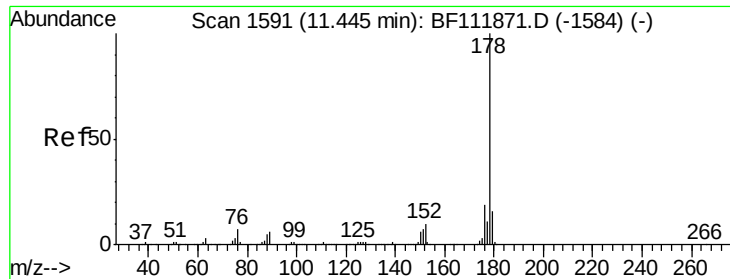
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF111963.D
 Acq: 9 Jan 2019 21:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.6	10.0
80	9.2	7.7	11.5





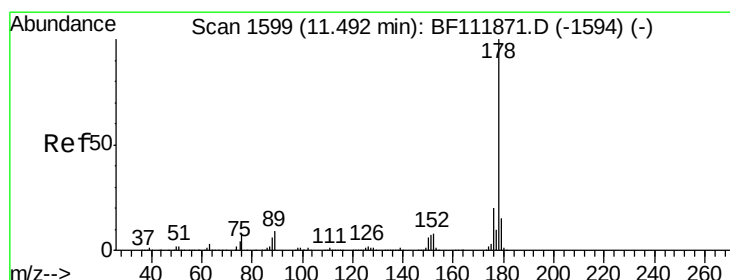
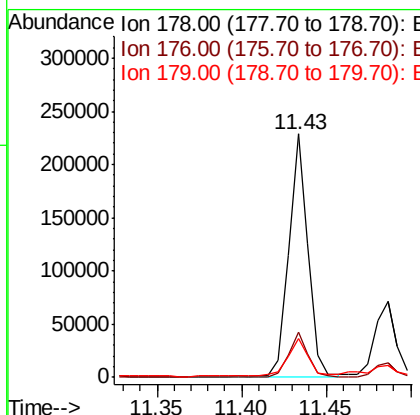
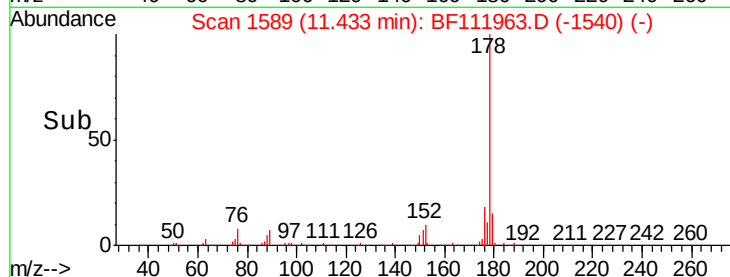
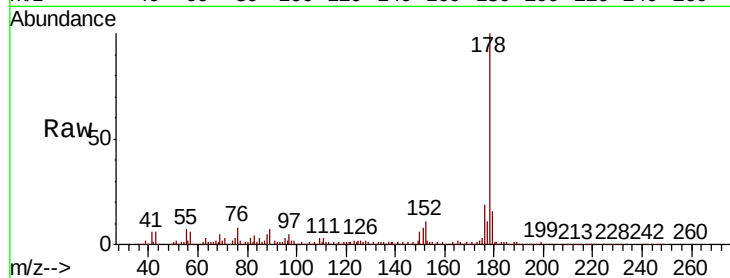
#71
Phenanthrene
Concen: 9.891 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF111963.D
Acq: 9 Jan 2019 21:31

Instrument :
BNA_F
ClientSampleId :
CPSB-11(20-25)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.6	23.4
179	16.0	12.6	18.8

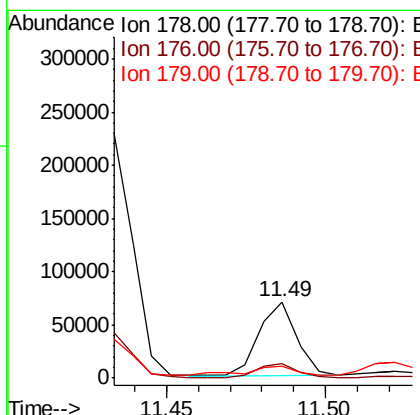
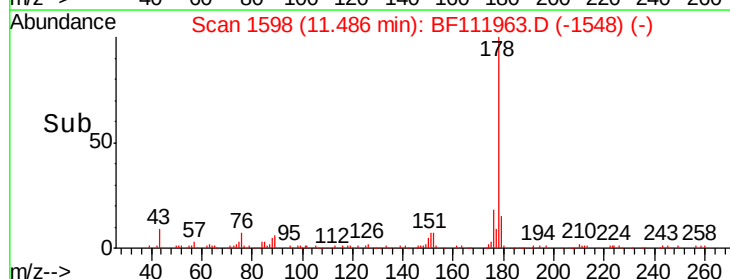
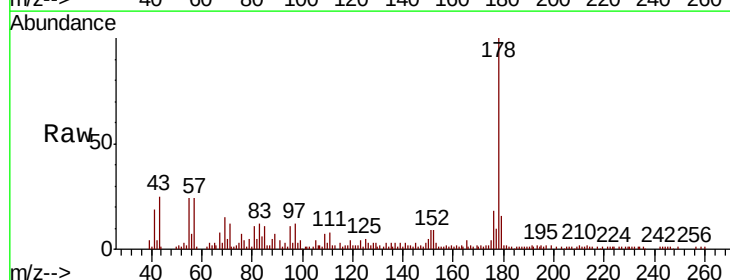
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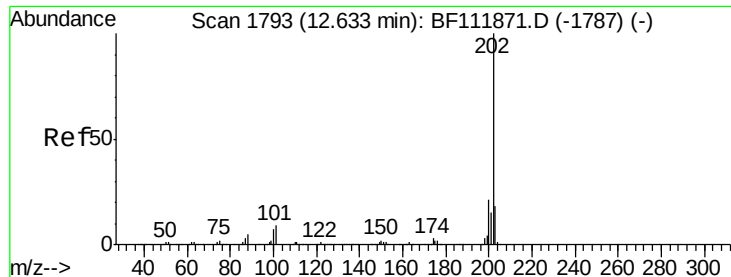
Sohil
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#72
Anthracene
Concen: 3.136 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF111963.D
Acq: 9 Jan 2019 21:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.7	23.5
179	16.0	12.4	18.6





#75

Fluoranthene

Concen: 11.340 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF111963.D

Acq: 9 Jan 2019 21:31

Instrument :

BNA_F

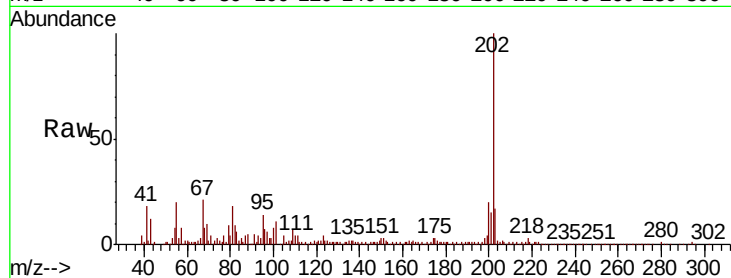
ClientSampleId :

CPSB-11(20-25)

Tot Ion:	202	Resp:	212426
Ion Ratio		Lower	Upper
202	100		
101	10.6	0.0	29.3
203	17.2	0.0	37.6

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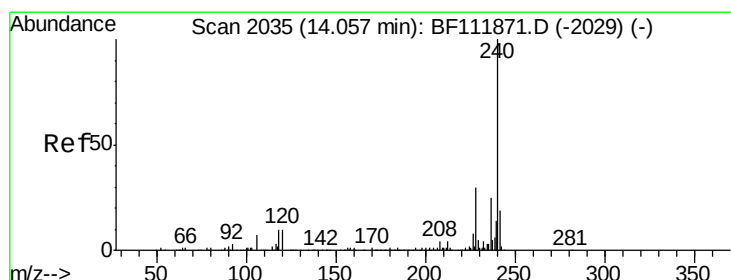
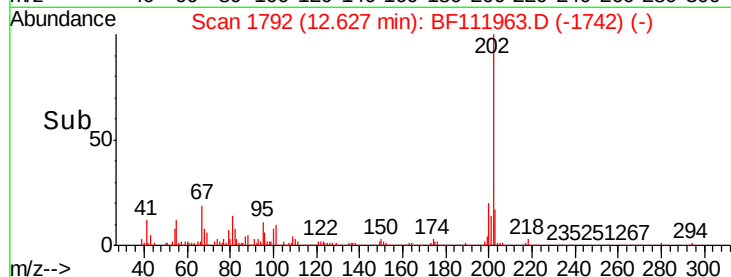
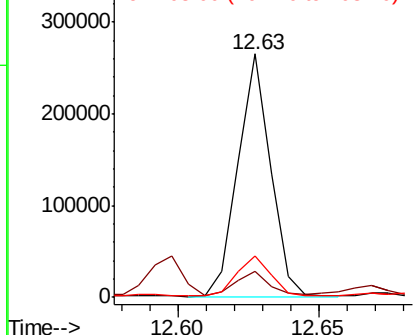


Abundance

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

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF111963.D

Acq: 9 Jan 2019 21:31

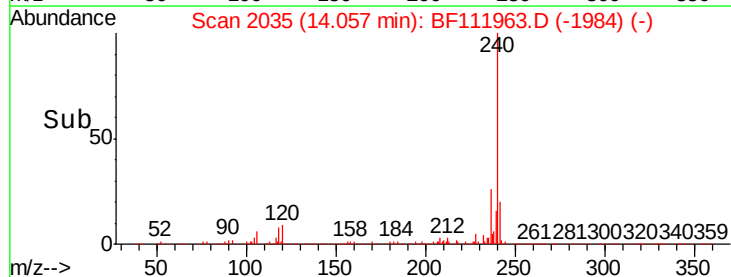
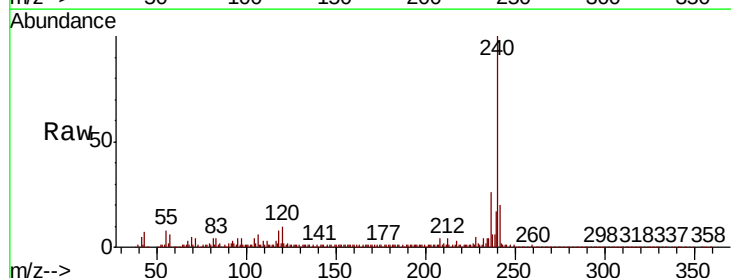
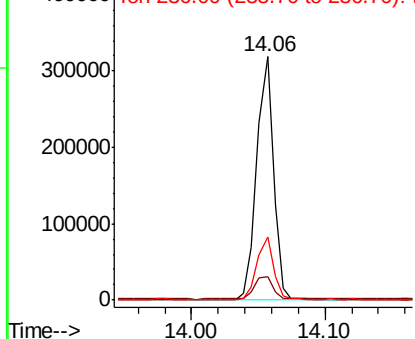
Tgt Ion:	240	Resp:	271914
Ion Ratio		Lower	Upper
240	100		
120	9.8	8.2	12.2
236	25.8	20.2	30.4

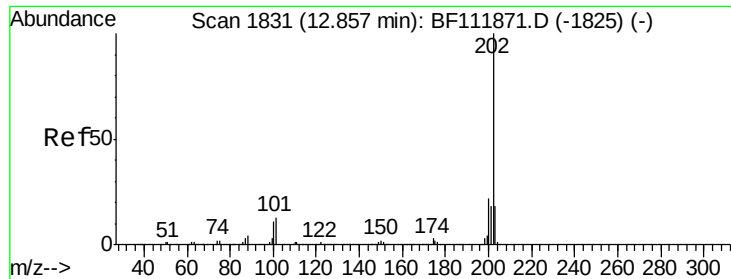
Abundance

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: 10.994 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF111963.D

Acq: 9 Jan 2019 21:31

Instrument :

BNA_F

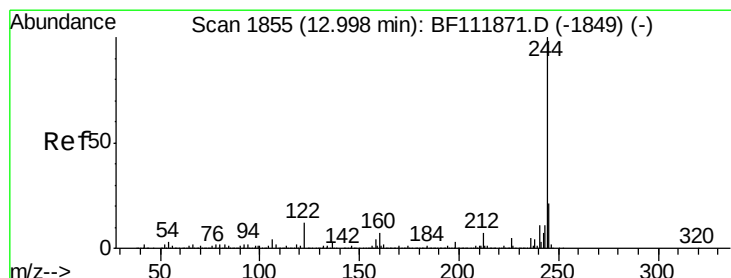
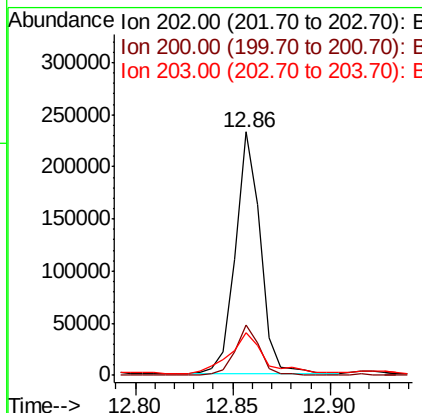
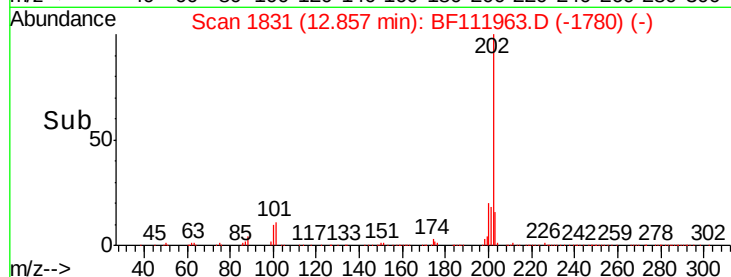
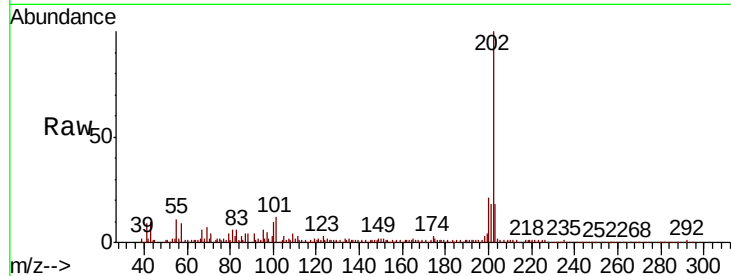
ClientSampleId :

CPSB-11(20-25)

Tot Ion:	202	Resp:	205699
Ion Ratio		Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.7	14.6	21.8

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#79

Terphenyl-d14

Concen: 57.934 ng

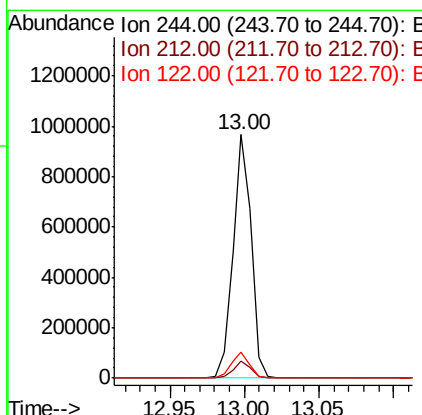
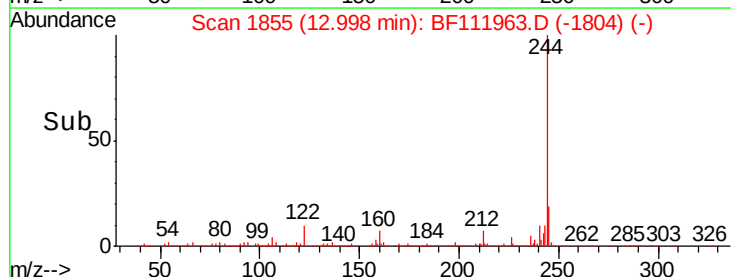
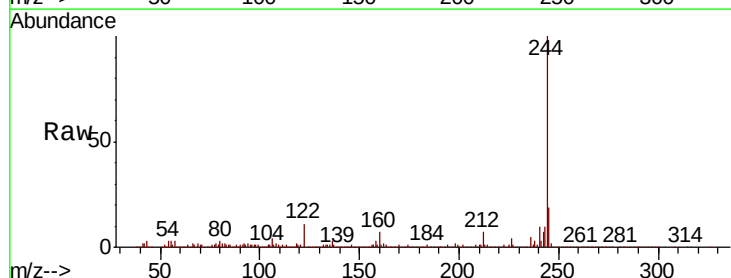
RT: 13.00 min Scan# 1855

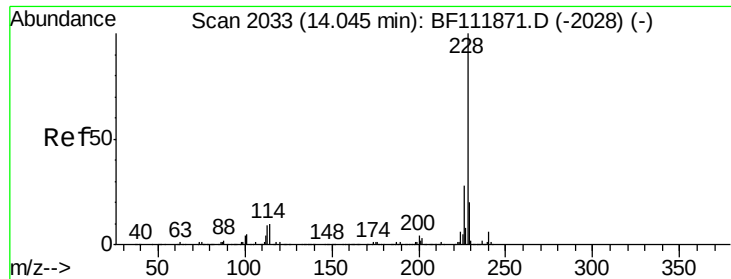
Delta R.T. 0.00 min

Lab File: BF111963.D

Acq: 9 Jan 2019 21:31

Tgt Ion:	244	Resp:	829887
Ion Ratio		Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.5	9.5	14.3





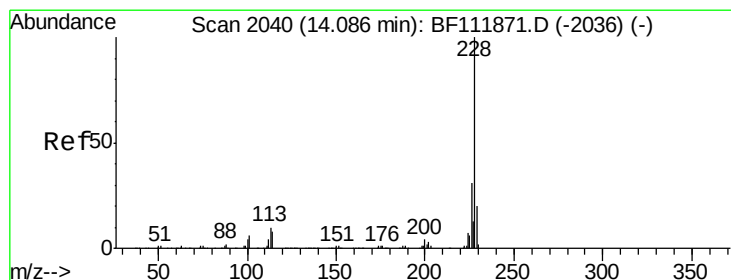
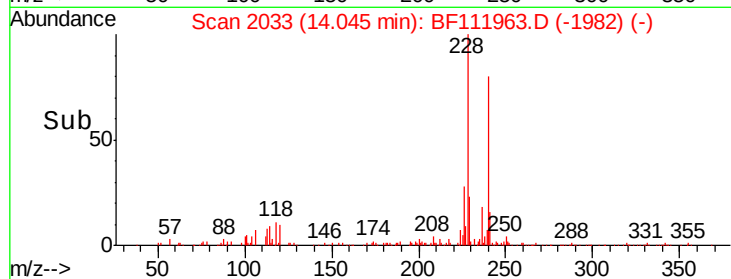
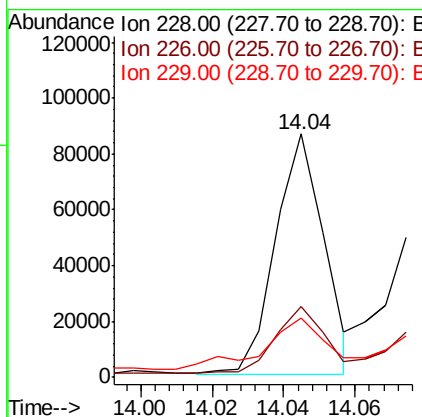
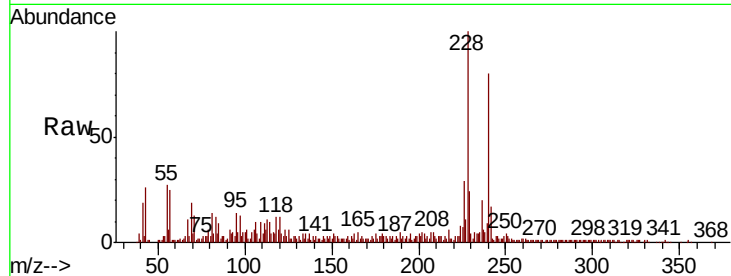
#81
Benzo(a)anthracene
Concen: 5.200 ng m
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF111963.D
Acq: 9 Jan 2019 21:31

Instrument :
BNA_F
ClientSampleId :
CPSB-11(20-25)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.2	33.2
229	24.4	16.2	24.2

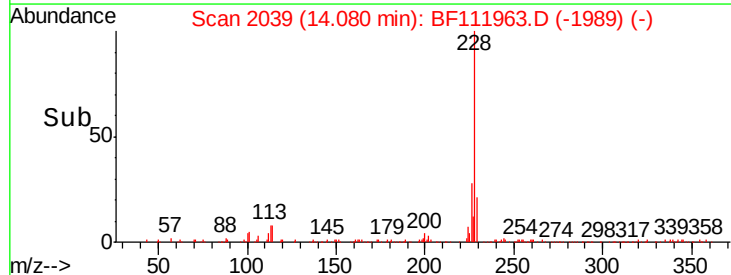
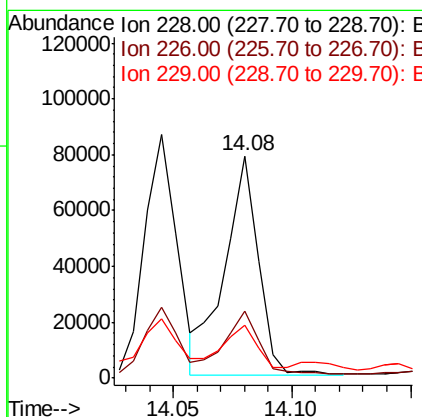
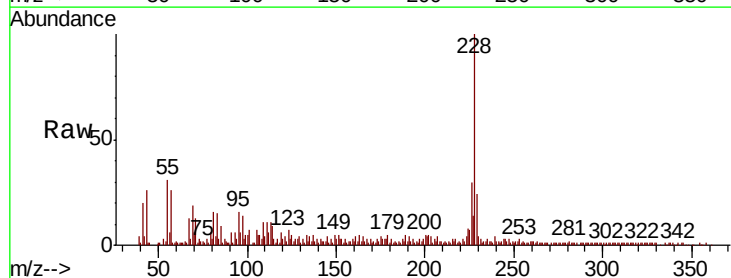
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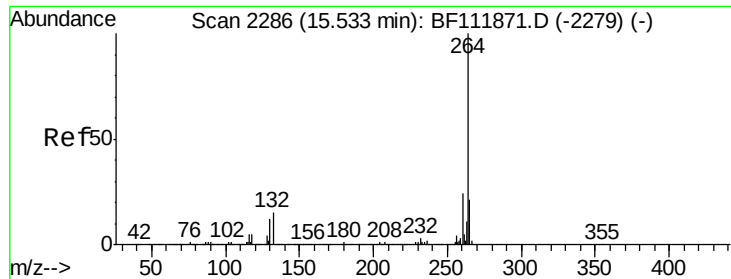
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#83
Chrysene
Concen: 5.310 ng m
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF111963.D
Acq: 9 Jan 2019 21:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	23.8	15.7	23.5





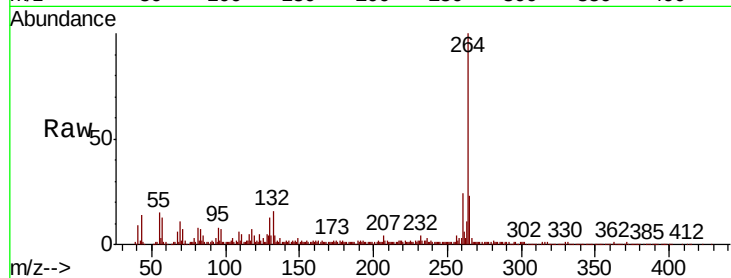
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111963.D
Acq: 9 Jan 2019 21:31

Instrument :
BNA_F
ClientSampleId :
CPSB-11(20-25)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	23.0	17.1	25.7

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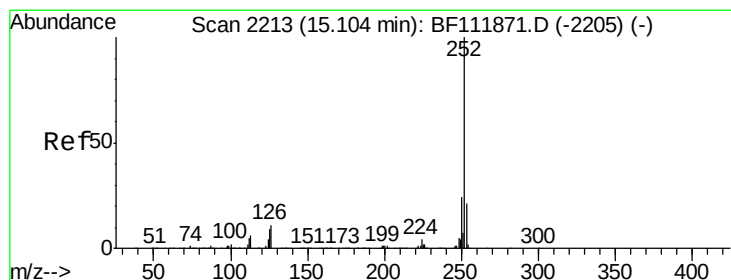
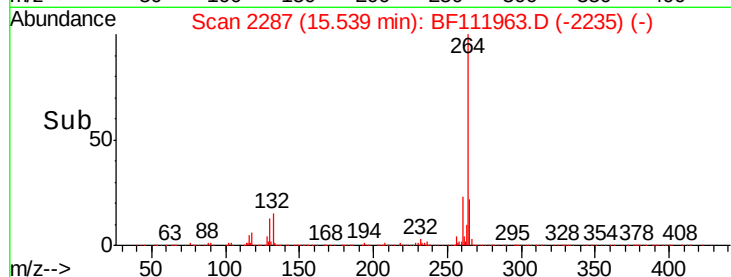
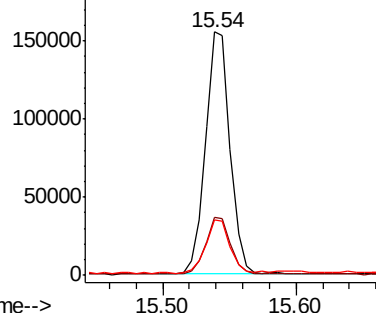


Abundance

Ion 264.00 (263.70 to 264.70): E

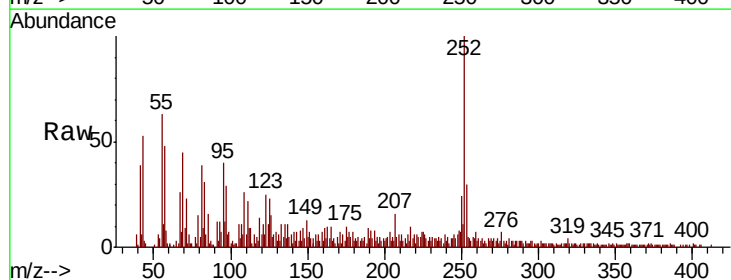
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 4.973 ng m
RT: 15.10 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BF111963.D
Acq: 9 Jan 2019 21:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.9	17.0	25.6#
125	22.6	7.1	10.7#

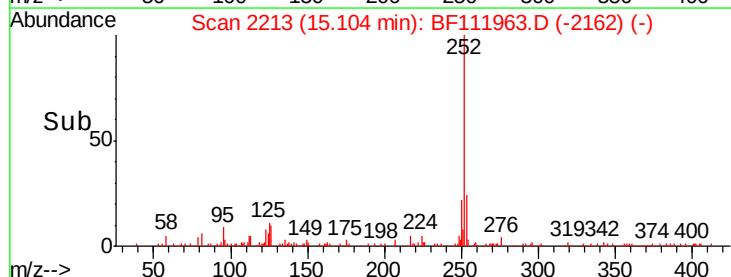
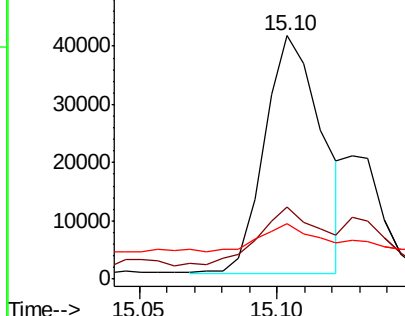


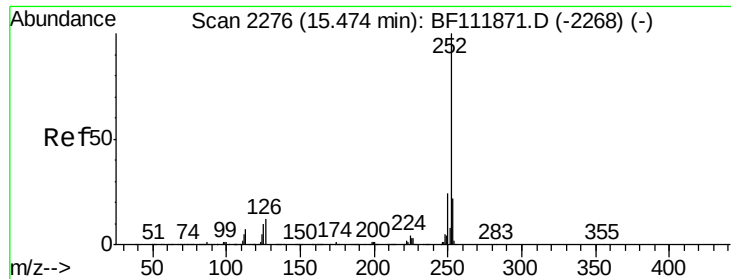
Abundance

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





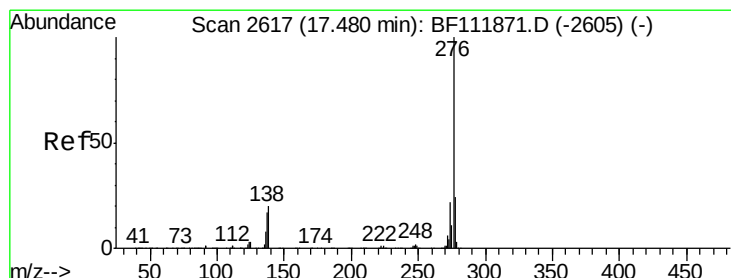
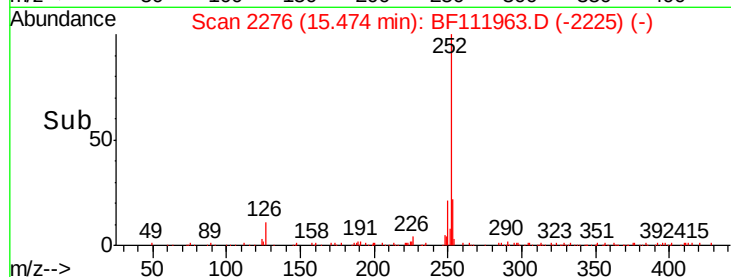
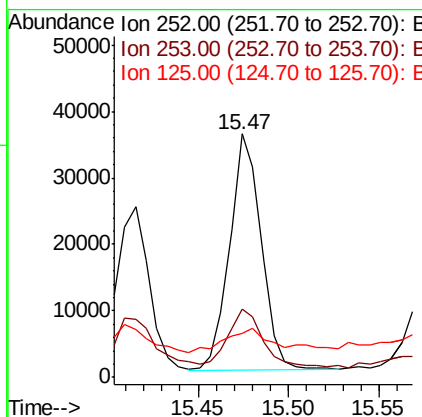
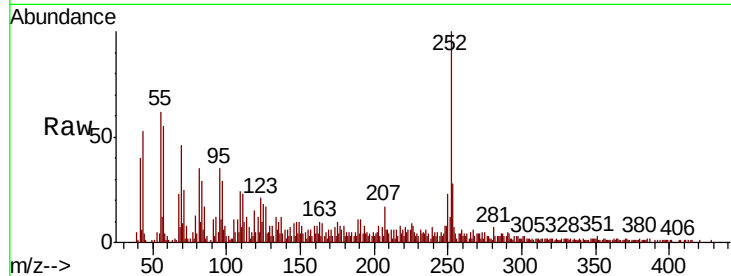
#90
Benzo(a)pyrene
Concen: 4.100 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF111963.D
Acq: 9 Jan 2019 21:31

Instrument :
BNA_F
ClientSampleId :
CPSB-11(20-25)

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.4	26.2#
125	18.3	7.9	11.9#

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#92
Benzo(g,h,i)perylene
Concen: 2.907 ng
RT: 17.50 min Scan# 2620
Delta R.T. 0.02 min
Lab File: BF111963.D
Acq: 9 Jan 2019 21:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.4	19.0	28.6
138	24.6	16.2	24.2#

