

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111964.D
 Acq On : 9 Jan 2019 21:59
 Operator : JU/SJ
 Sample : K1044-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-10(20-25)

Manual Integrations
 APPROVED

Sohil
 1/10/2019 11:46:05 AM

Quant Time: Jan 10 03:14:58 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	111616	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	466502	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	176590	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	314682	20.00	ng	0.00
76) Chrysene-d12	14.06	240	223889	20.00	ng	0.00
87) Perylene-d12	15.54	264	196974	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	685236	105.03	ng	0.00
7) Phenol-d6	6.53	99	903302	107.42	ng	0.00
23) Nitrobenzene-d5	7.45	82	469213	53.76	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	178408	77.67	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	681114	56.24	ng	-0.01
79) Terphenyl-d14	13.00	244	705167	59.79	ng	0.00
Target Compounds						
10) Phenol	6.54	94	56337	6.164	ng	# 76
50) Dimethylphthalate	9.63	163	123651	9.321	ng	99
71) Phenanthrene	11.43	178	48173	2.863	ng	# 95
75) Fluoranthene	12.63	202	47104	2.727	ng	95
78) Pyrene	12.86	202	50276m	3.264	ng	
84) Bis(2-ethylhexyl)phthalate	14.03	149	29044	3.396	ng	# 85

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

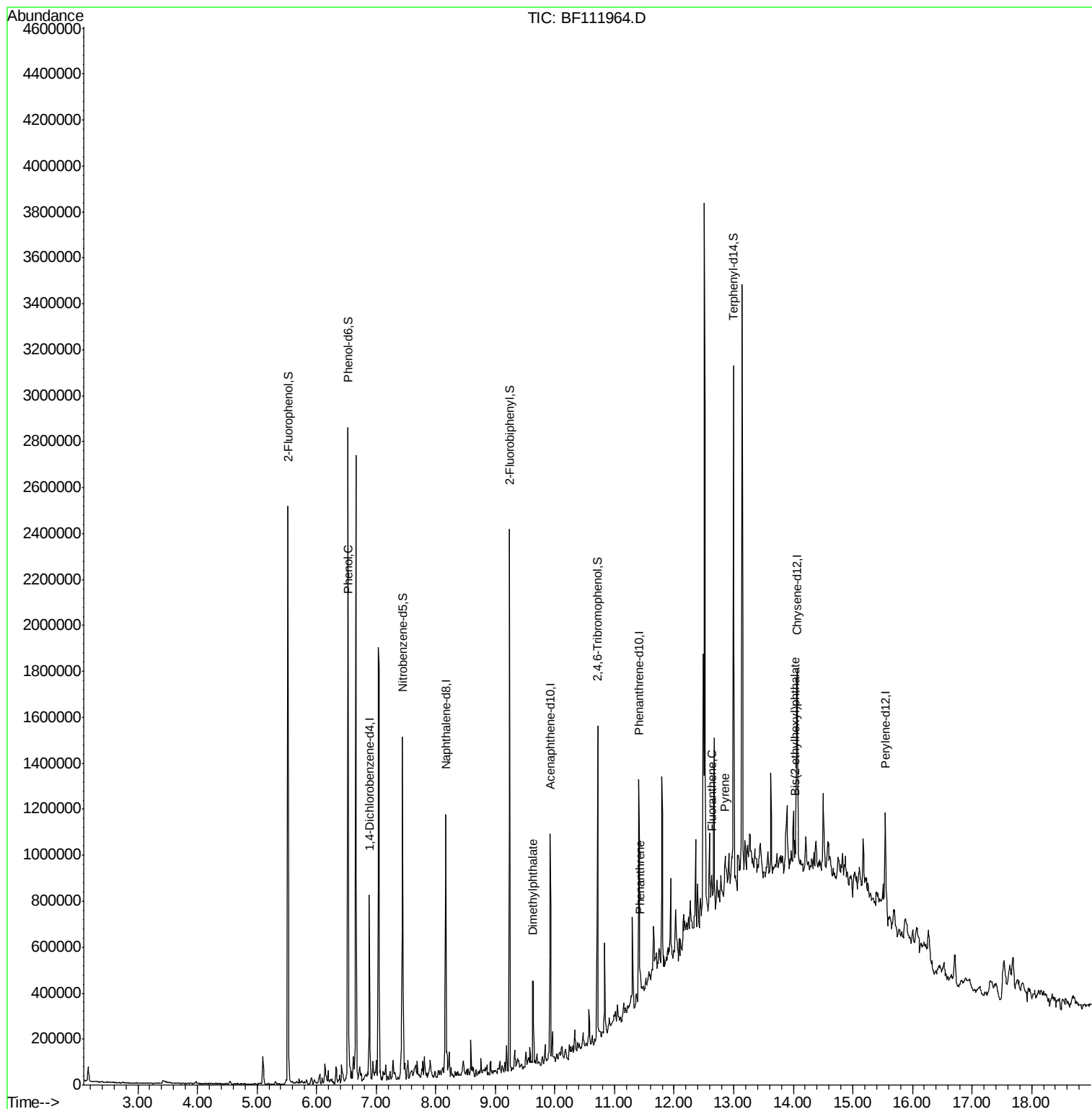
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111964.D
Acq On : 9 Jan 2019 21:59
Operator : JU/SJ
Sample : K1044-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

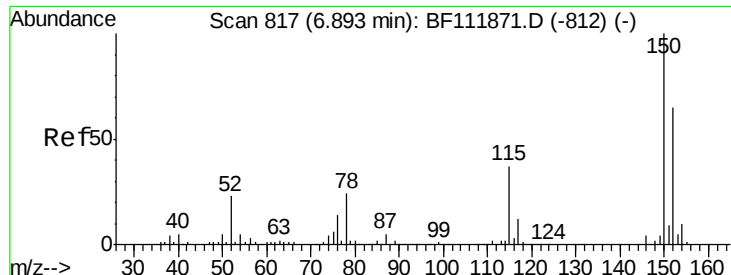
Instrument :
BNA_F
ClientSampleId :
CPSB-10(20-25)

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#1

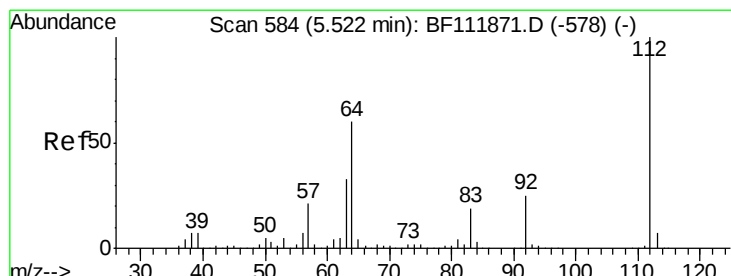
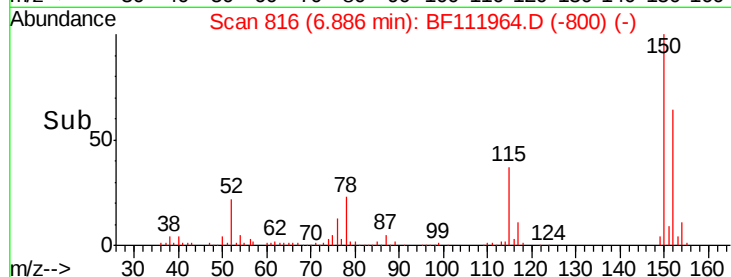
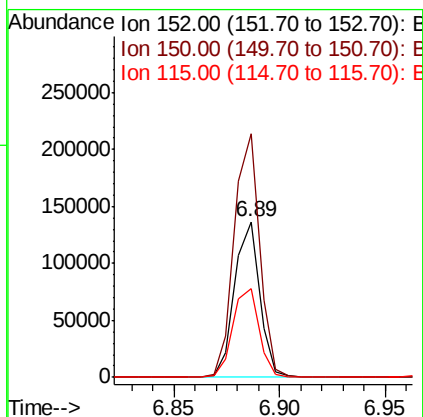
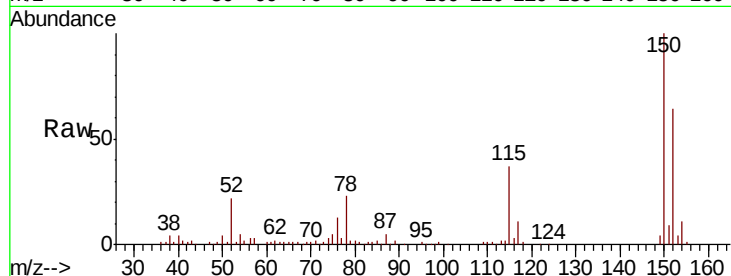
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111964.D
Acq: 9 Jan 2019 21:59

Instrument :
BNA_F
ClientSampleId :
CPSB-10(20-25)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	122.7	184.1
115	57.4	45.2	67.8

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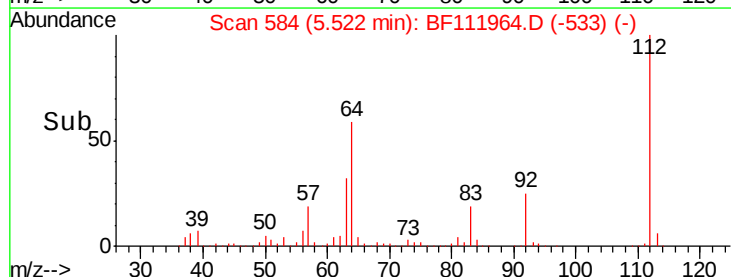
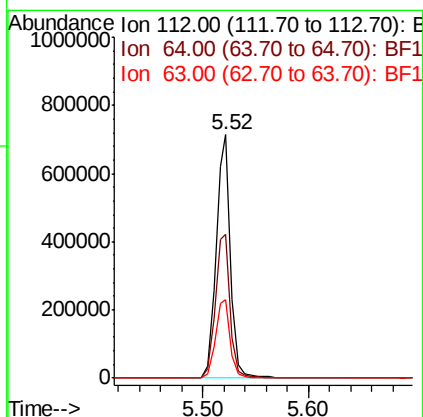
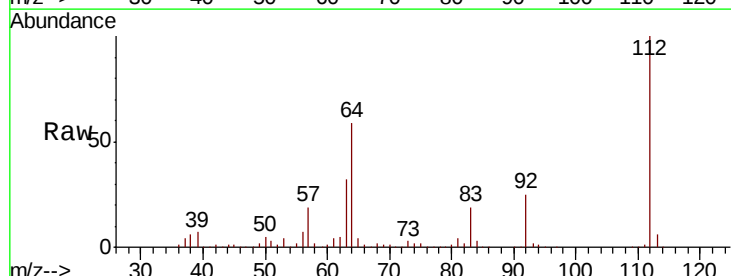
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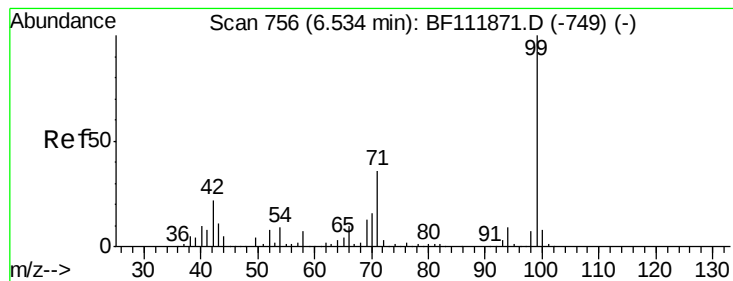


#5

2-Fluorophenol
Concen: 105.031 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111964.D
Acq: 9 Jan 2019 21:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	48.3	72.5
63	32.1	26.1	39.1





#7

Phenol-d6

Concen: 107.423 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111964.D

Acq: 9 Jan 2019 21:59

Instrument :

BNA_F

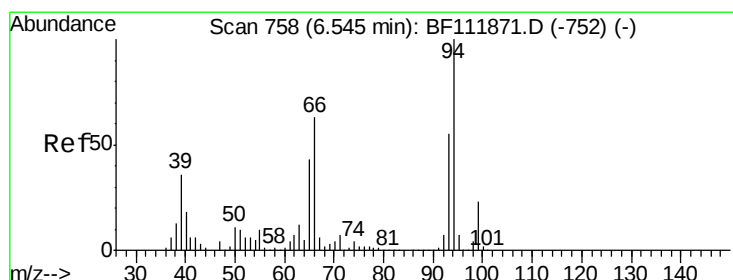
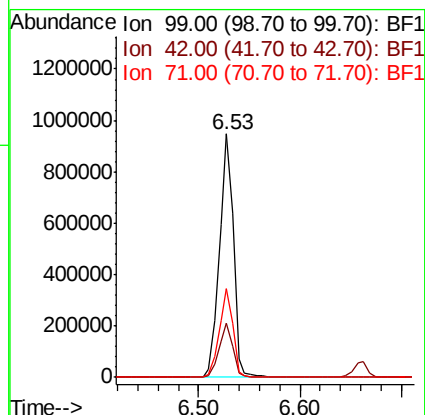
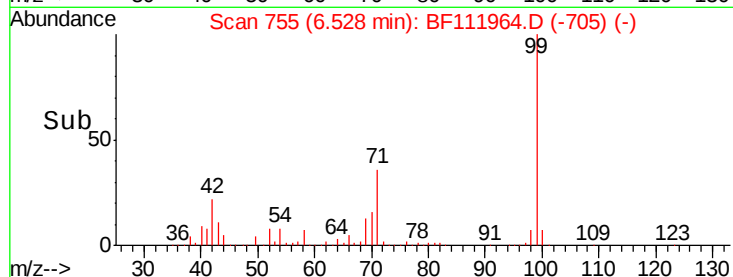
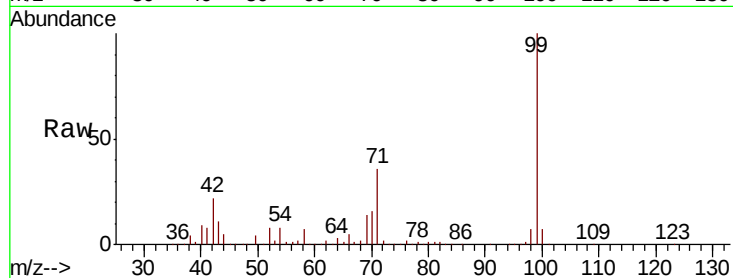
ClientSampleId :

CPSB-10(20-25)

Tot Ion:	99	Resp:	903302
Ion Ratio	Lower	Upper	
99	100		
42	22.4	17.9	26.9
71	36.4	28.7	43.1

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#10

Phenol

Concen: 6.164 ng

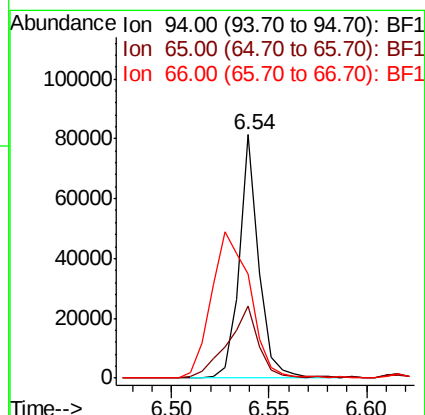
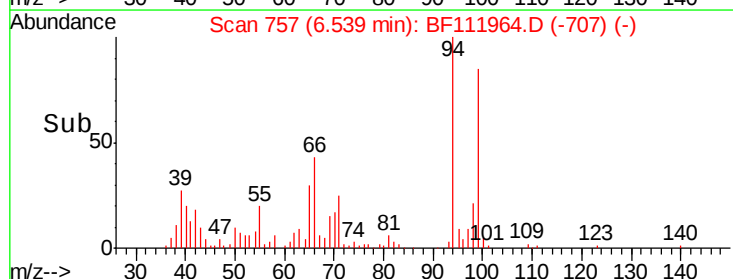
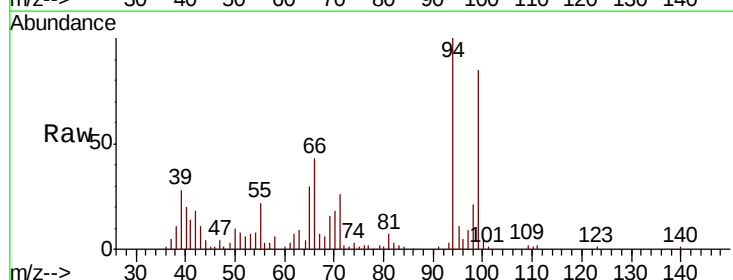
RT: 6.54 min Scan# 757

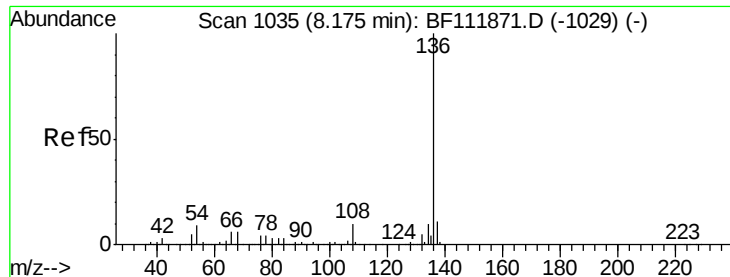
Delta R.T. -0.01 min

Lab File: BF111964.D

Acq: 9 Jan 2019 21:59

Tgt Ion:	94	Resp:	56337
Ion Ratio	Lower	Upper	
94	100		
65	29.9	22.8	62.8
66	42.9	43.3	83.3#





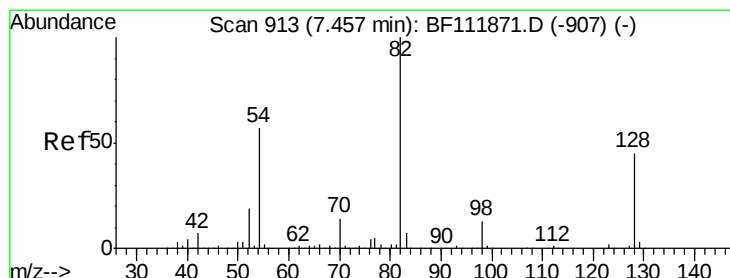
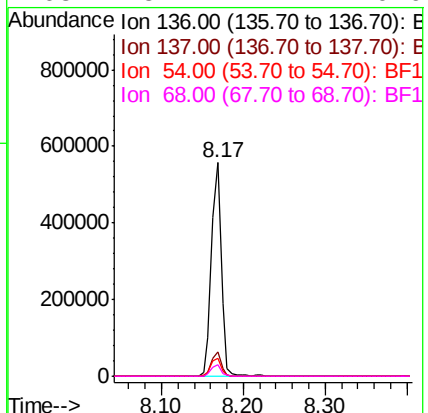
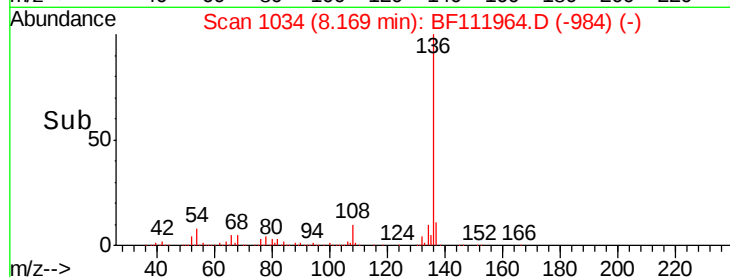
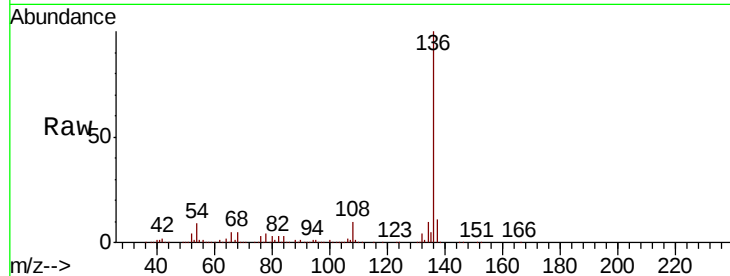
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111964.D
Acq: 9 Jan 2019 21:59

Instrument :
BNA_F
ClientSampleId :
CPSB-10(20-25)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	466502		
137	11.3	9.1	13.7	
54	8.5	7.2	10.8	
68	5.4	4.4	6.6	

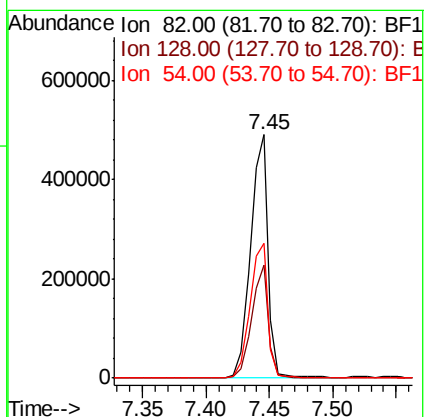
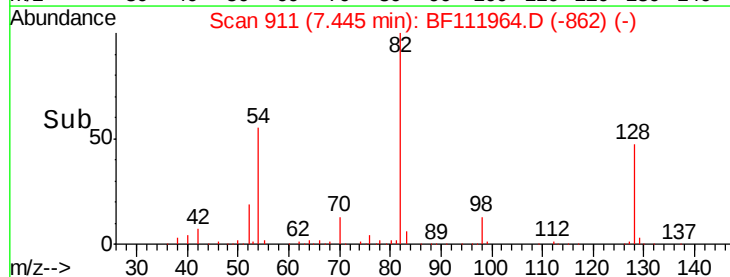
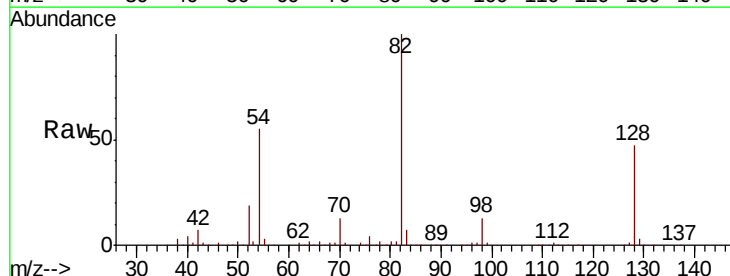
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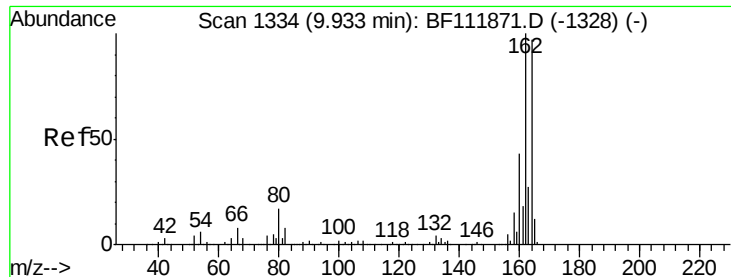
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#23
Nitrobenzene-d5
Concen: 53.756 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111964.D
Acq: 9 Jan 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	469213		
128	46.6	35.7	53.5	
54	55.4	45.8	68.8	





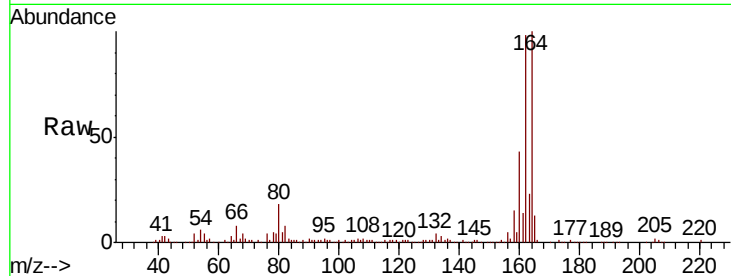
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111964.D
Acq: 9 Jan 2019 21:59

Instrument :
BNA_F
ClientSampleId :
CPSB-10(20-25)

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	97.6	82.2	123.2	
160	43.5	35.5	53.3	

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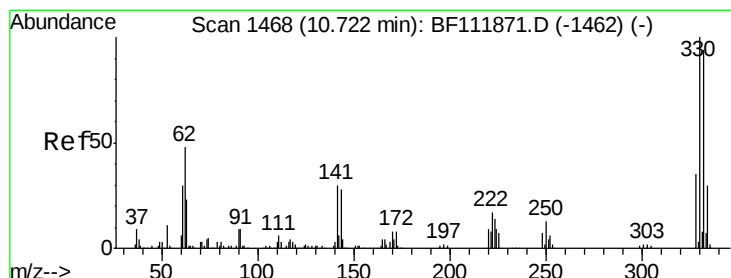
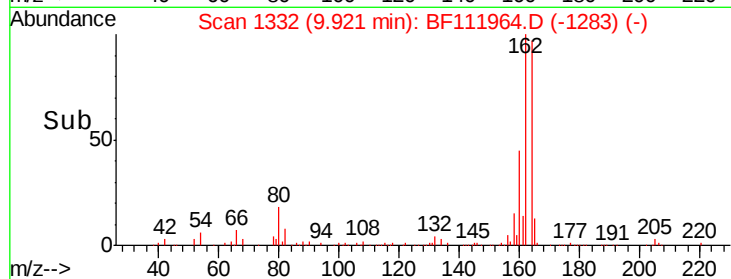
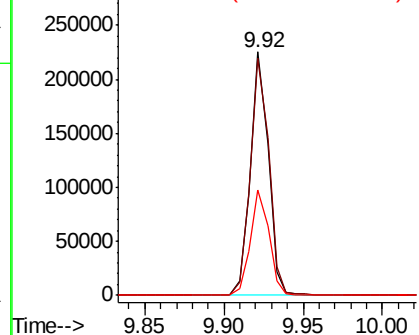


Abundance

Ion 164.00 (163.70 to 164.70): E

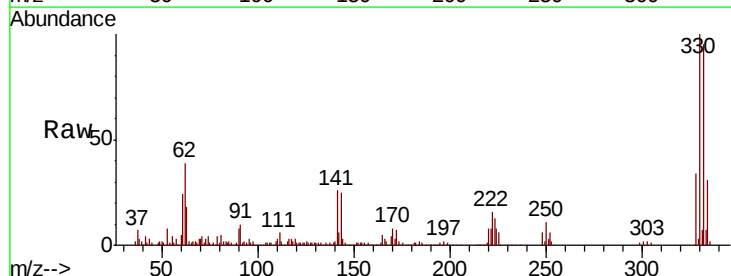
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 77.673 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111964.D
Acq: 9 Jan 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	76.9	115.3	
141	31.4	23.7	35.5	

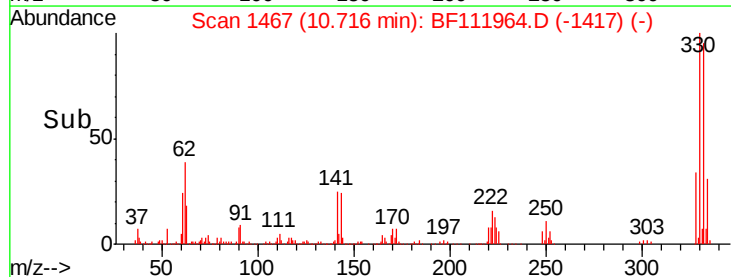
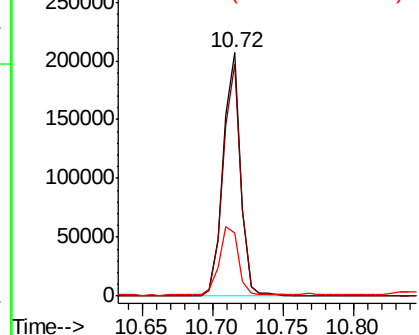


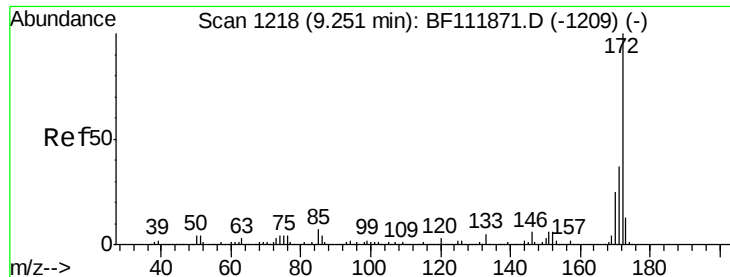
Abundance

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: 56.243 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF111964.D

Acq: 9 Jan 2019 21:59

Instrument :

BNA_F

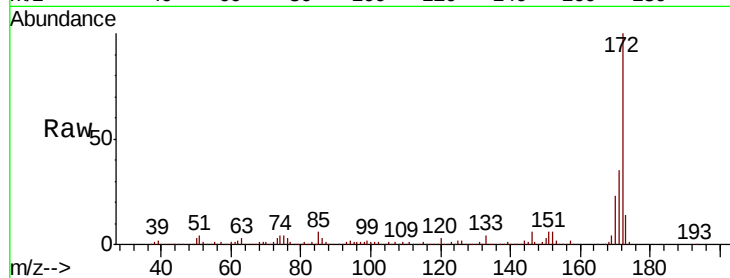
ClientSampled :

CPSB-10(20-25)

Tot Ion:	172	Resp:	681114
Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	22.9	19.8	29.8

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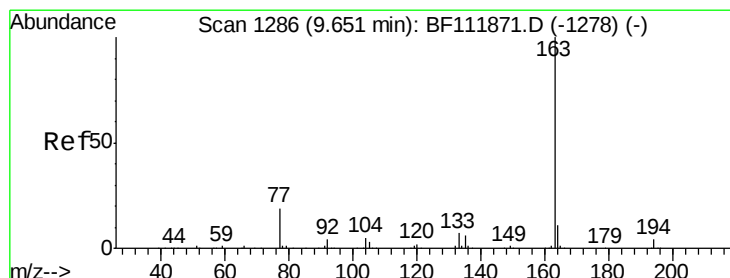
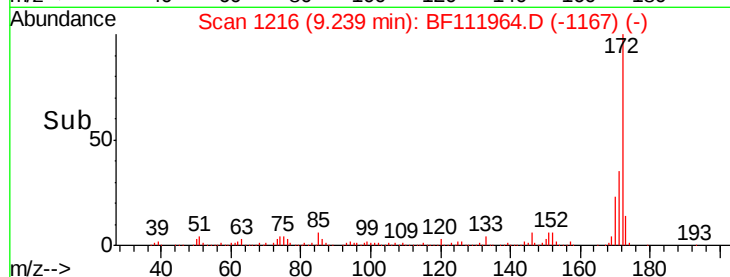
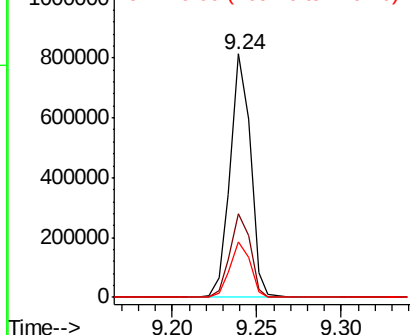


Abundance

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: 9.321 ng

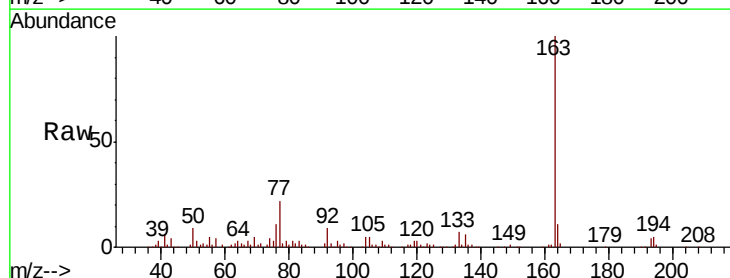
RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF111964.D

Acq: 9 Jan 2019 21:59

Tgt Ion:	163	Resp:	123651
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	11.0	8.5	12.7

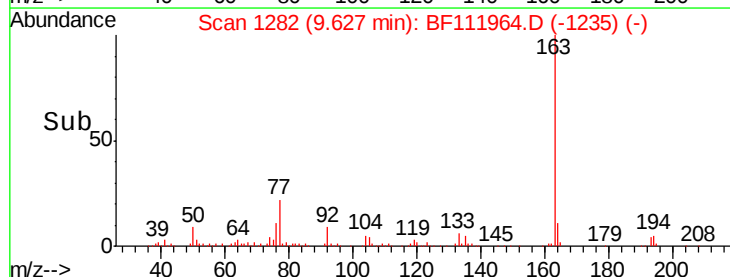
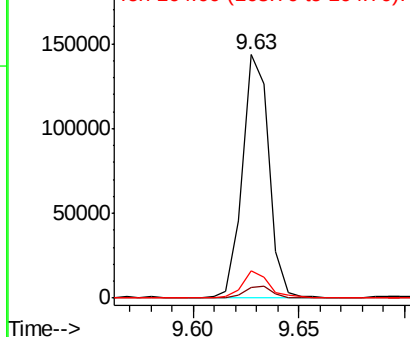


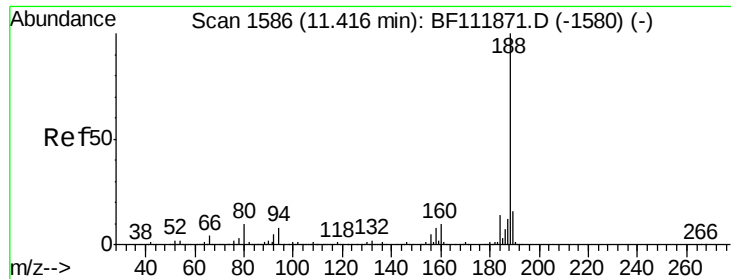
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111964.D

Acq: 9 Jan 2019 21:59

Instrument :

BNA_F

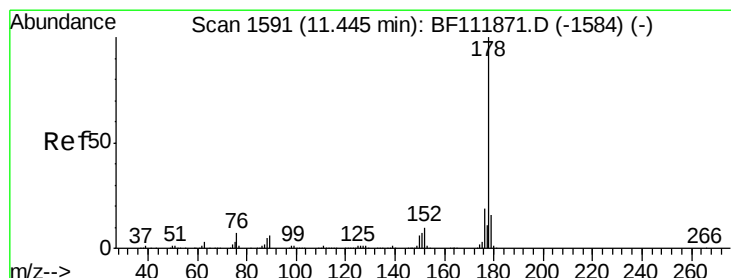
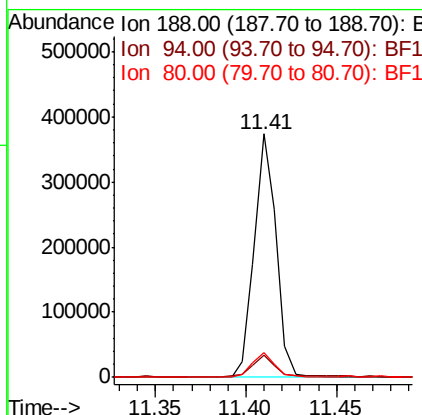
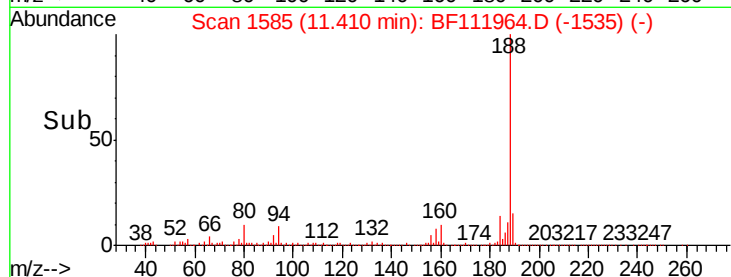
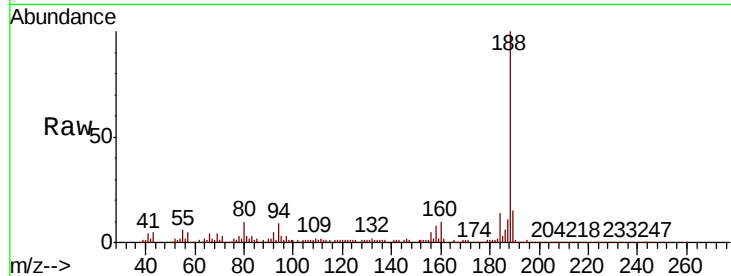
ClientSampleId :

CPSB-10(20-25)

Tot Ion:	188	Resp:	314682
Ion Ratio	Lower	Upper	
188	100		
94	9.0	6.6	10.0
80	10.0	7.7	11.5

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#71

Phenanthrene

Concen: 2.863 ng

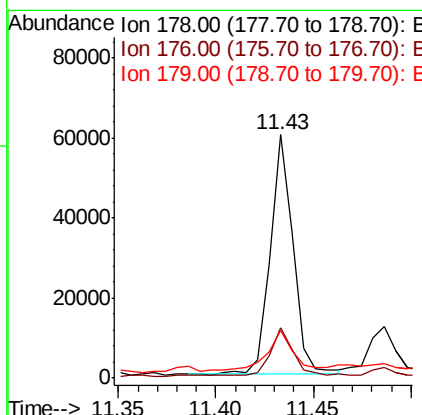
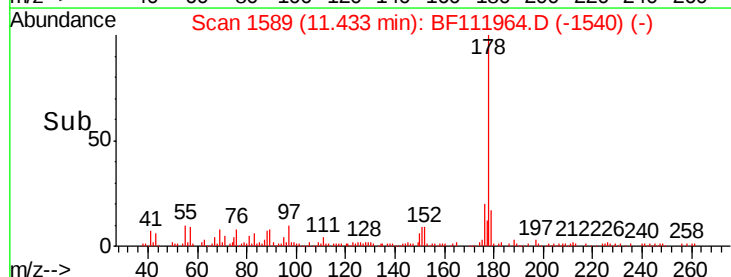
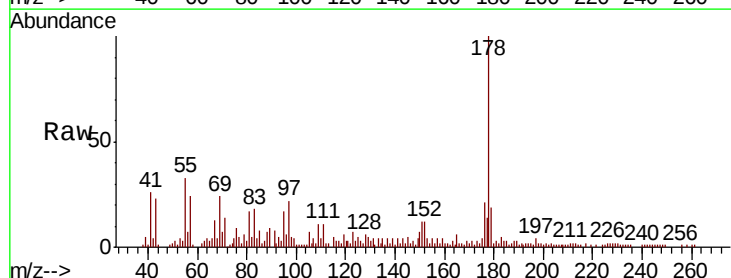
RT: 11.43 min Scan# 1589

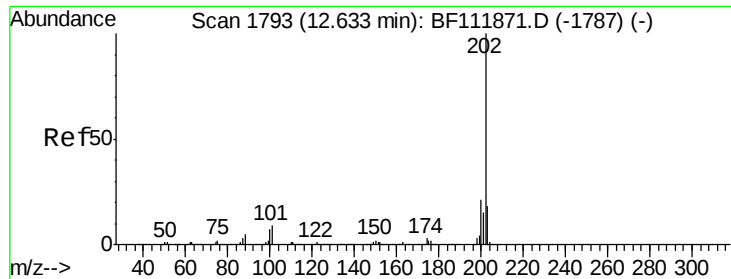
Delta R.T. -0.01 min

Lab File: BF111964.D

Acq: 9 Jan 2019 21:59

Tgt Ion:	178	Resp:	48173
Ion Ratio	Lower	Upper	
178	100		
176	20.5	15.6	23.4
179	19.4	12.6	18.8#





#75

Fluoranthene

Concen: 2.727 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF111964.D

Acq: 9 Jan 2019 21:59

Instrument :

BNA_F

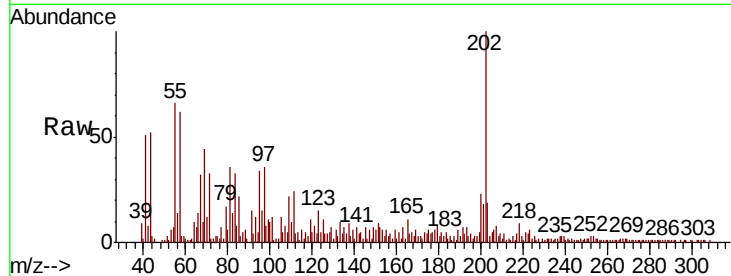
ClientSampleId :

CPSB-10(20-25)

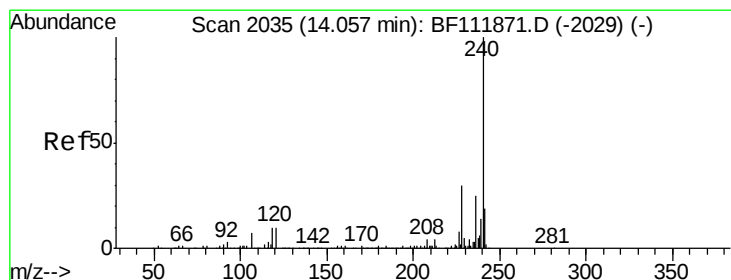
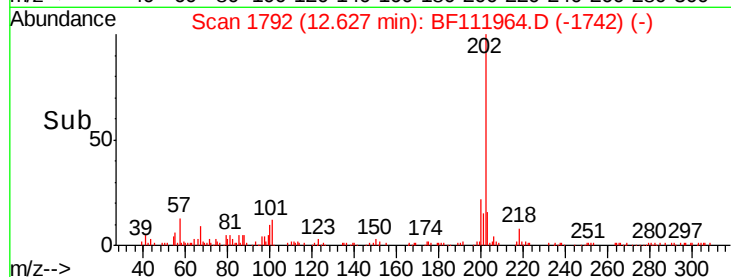
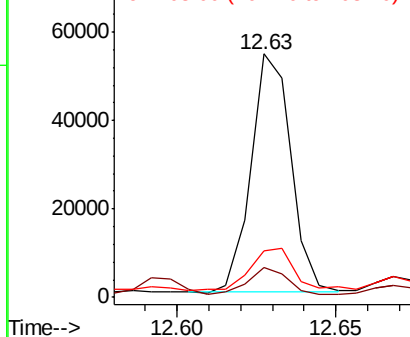
Tot Ion:	202	Resp:	47104
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	29.3
203	19.2	0.0	37.6

Manual Integrations
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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

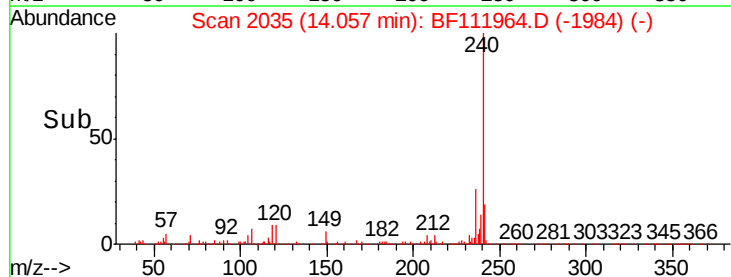
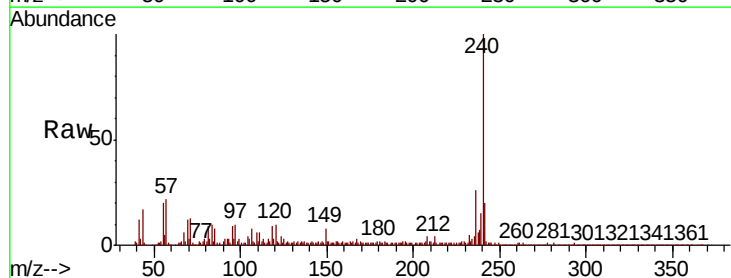
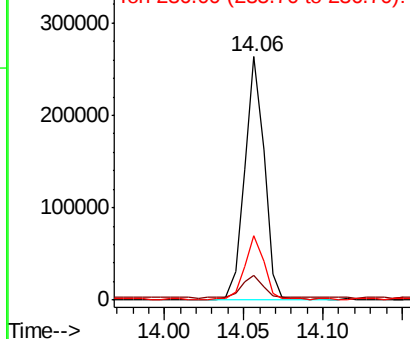
Delta R.T. -0.00 min

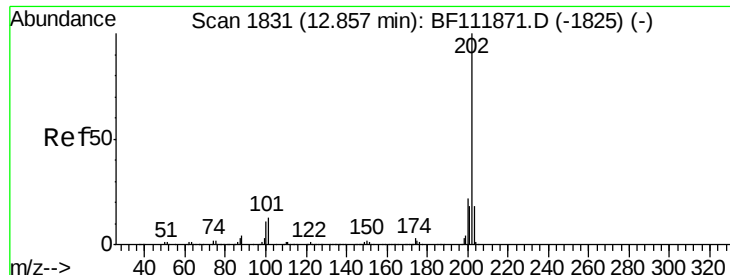
Lab File: BF111964.D

Acq: 9 Jan 2019 21:59

Tgt Ion:	240	Resp:	223889
Ion Ratio	Lower	Upper	
240	100		
120	10.4	8.2	12.2
236	26.3	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





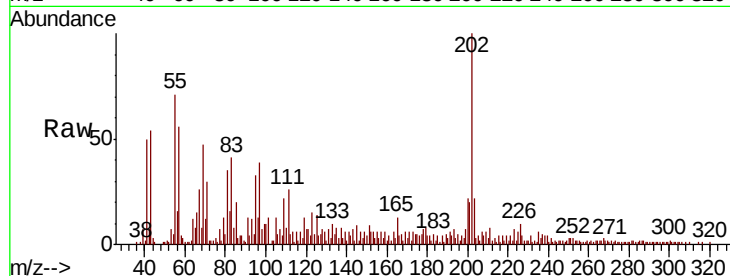
#78
Pvrene
Concen: 3.264 ng/mL
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF111964.D
Acq: 9 Jan 2019 21:59

Instrument :
BNA_F
ClientSampleId :
CPSB-10(20-25)

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	22.0	14.6	21.8

Manual Integrations
APPROVED

Sohil
1/10/2019 11:46:05 AM

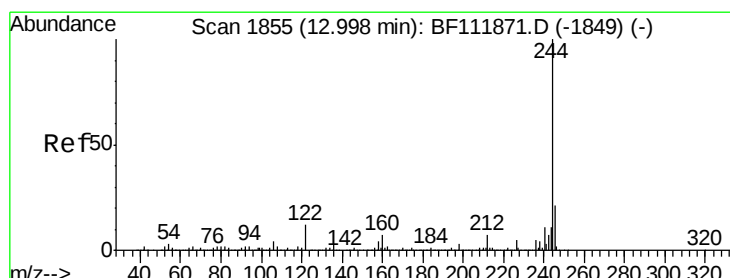
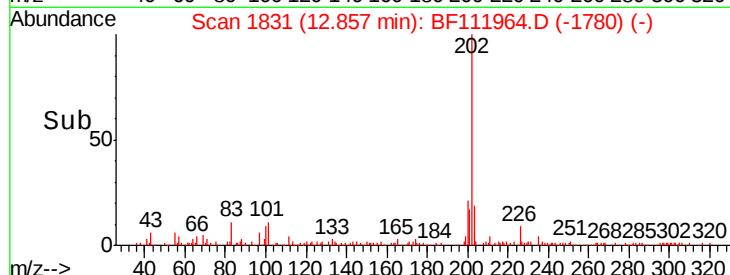
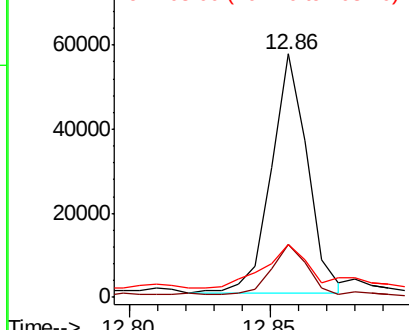


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 59.787 ng/mL
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111964.D
Acq: 9 Jan 2019 21:59

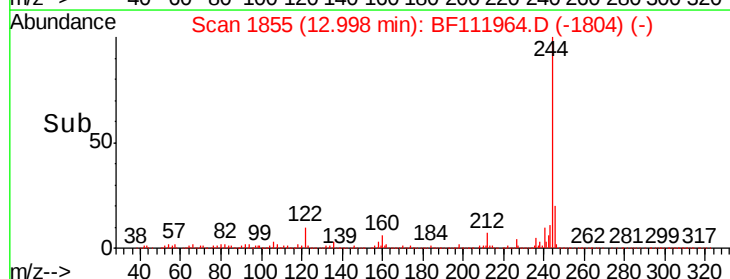
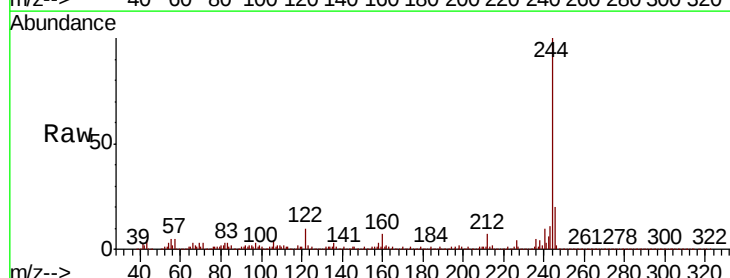
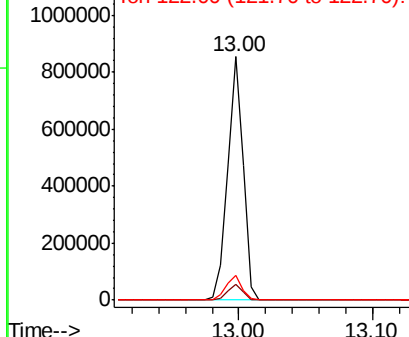
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	10.3	9.5	14.3

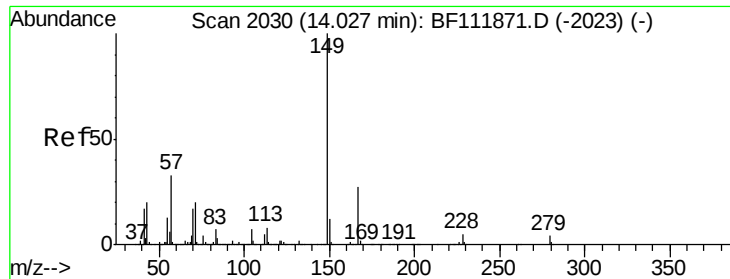
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.396 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF111964.D

Acq: 9 Jan 2019 21:59

Instrument :

BNA_F

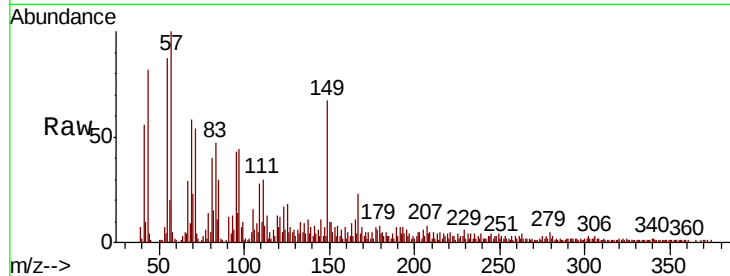
ClientSampleId :

CPSB-10(20-25)

Tot Ion:	149	Resp:	29044
Ion Ratio	Lower	Upper	
149	100		
167	34.9	21.5	32.3#
279	6.8	3.0	4.6#

Manual Integrations
APPROVED

Sohil
1/10/2019 11:46:05 AM

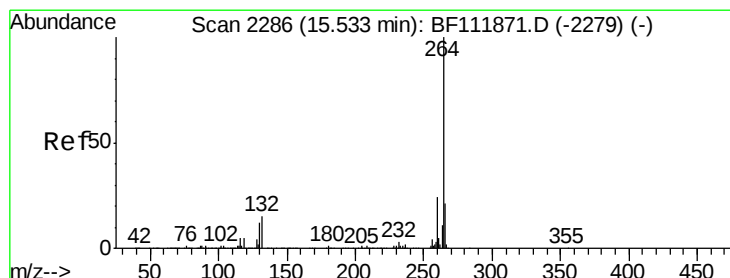
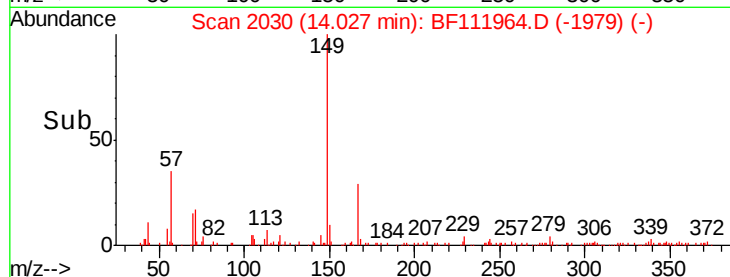
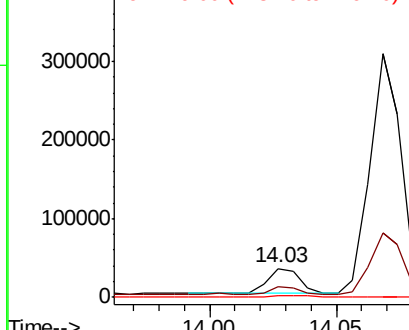


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

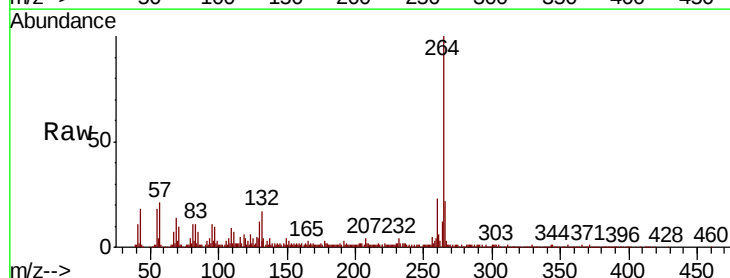
RT: 15.54 min Scan# 2288

Delta R.T. 0.01 min

Lab File: BF111964.D

Acq: 9 Jan 2019 21:59

Tgt Ion:	264	Resp:	196974
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.2	28.8
265	22.5	17.1	25.7



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

