

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
 Data File : BF110734.D
 Acq On : 13 Nov 2018 22:11
 Operator : JU/SJ
 Sample : J5913-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DOC-19-PRE-CHAR-1

Manual Integrations
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Quant Time: Nov 14 06:13:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	85284	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	331762	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	129155	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	201673	20.00	ng	0.00
76) Chrysene-d12	14.13	240	176228	20.00	ng	-0.01
87) Perylene-d12	15.66	264	118731	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	235082	44.77	ng	0.00
7) Phenol-d6	6.56	99	292250	43.53	ng	-0.01
23) Nitrobenzene-d5	7.51	82	174861	30.35	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	46733	35.91	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	319129	35.29	ng	0.00
79) Terphenyl-d14	13.06	244	232606	24.72	ng	-0.01
Target Compounds						
10) Phenol	6.58	94	34319	4.408	ng	Qvalue # 66
50) Dimethylphthalate	9.69	163	34506	3.581	ng	98
71) Phenanthrene	11.50	178	78634	7.278	ng	99
72) Anthracene	11.56	178	25227	2.315	ng	99
75) Fluoranthene	12.70	202	150251	13.871	ng	98
78) Pyrene	12.93	202	144906	10.679	ng	97
80) Butylbenzylphthalate	13.53	149	27190	4.656	ng	99
81) Benzo(a)anthracene	14.12	228	73876	7.014	ng	99
83) Chrysene	14.16	228	66999	6.676	ng	97
86) Indeno(1,2,3-cd)pyrene	17.23	276	25012	3.473	ng	94
88) Benzo(b)fluoranthene	15.20	252	68250m	9.609	ng	
89) Benzo(k)fluoranthene	15.23	252	23454m	3.342	ng	
90) Benzo(a)pyrene	15.59	252	44617	6.914	ng	# 93
92) Benzo(a,h,i)perylene	17.71	276	26860	4.957	ng	# 95

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

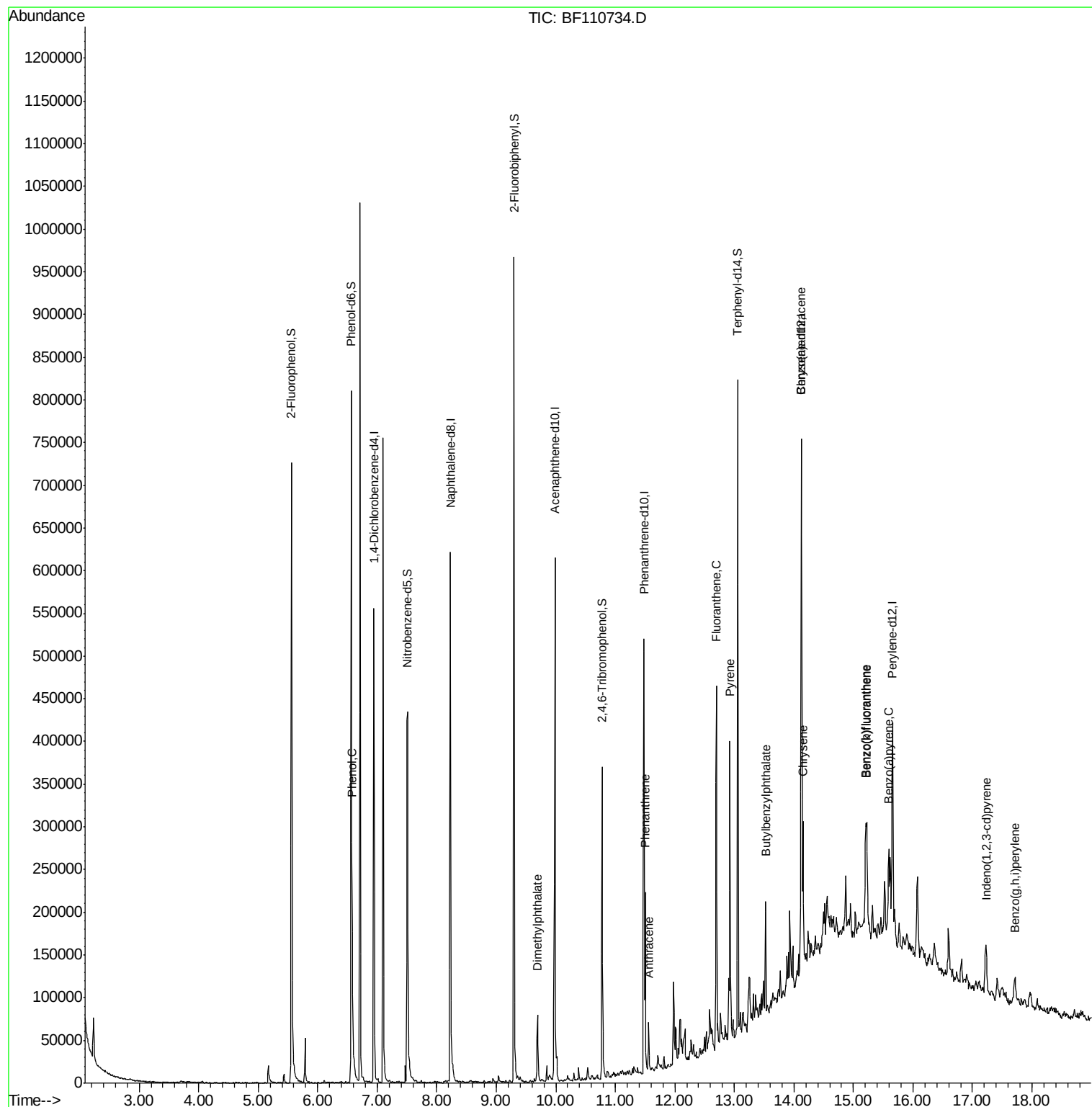
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110734.D
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Operator : JU/SJ
Sample : J5913-01 2X
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ALS Vial : 17 Sample Multiplier: 1

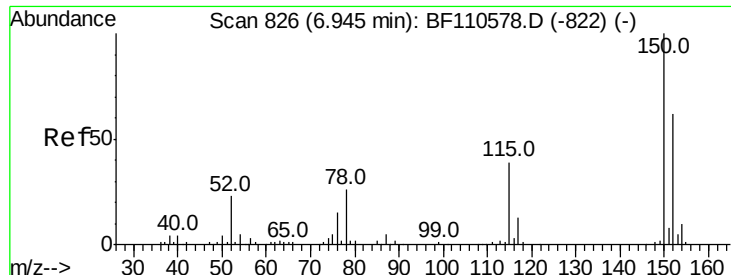
Instrument :
BNA_F
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DOC-19-PRE-CHAR-1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

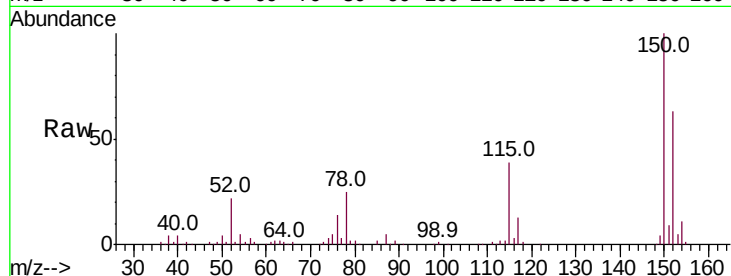
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DOC-19-PRE-CHAR-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	122.7	184.1
115	61.8	49.1	73.7

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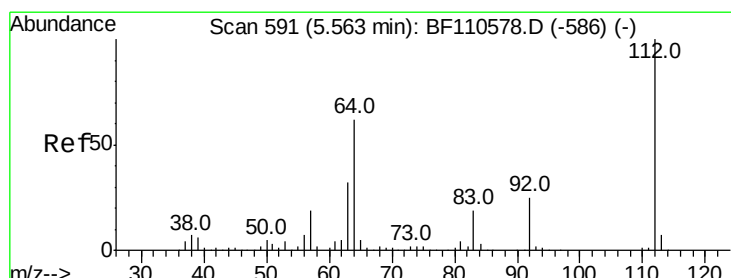
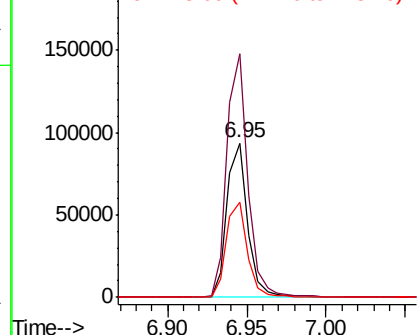
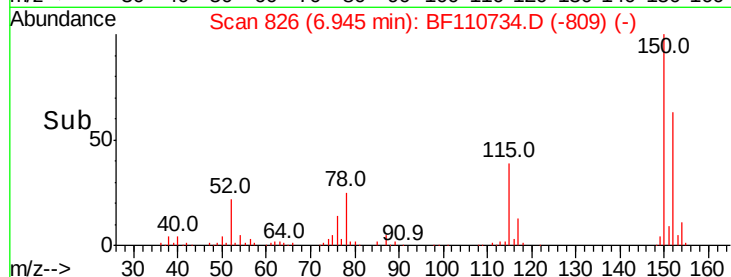


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

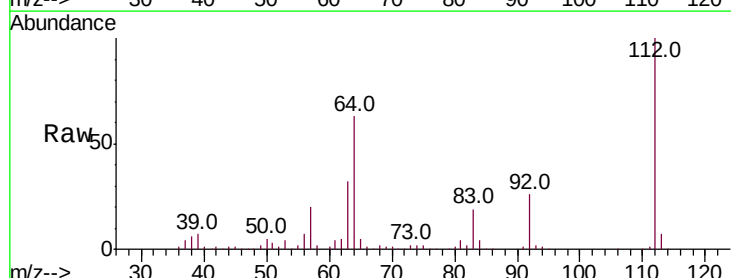
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 44.774 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	44.1	66.1
63	32.3	23.7	35.5

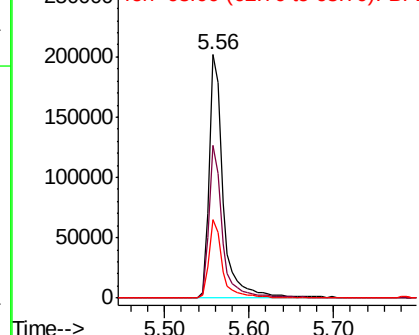
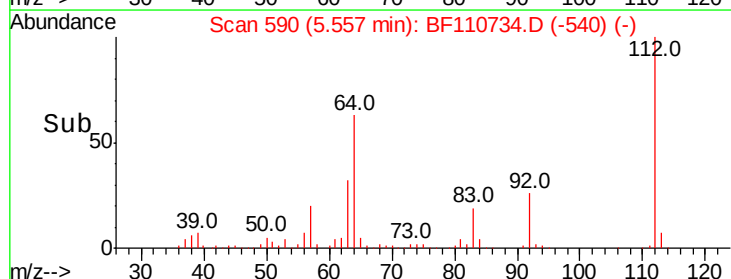


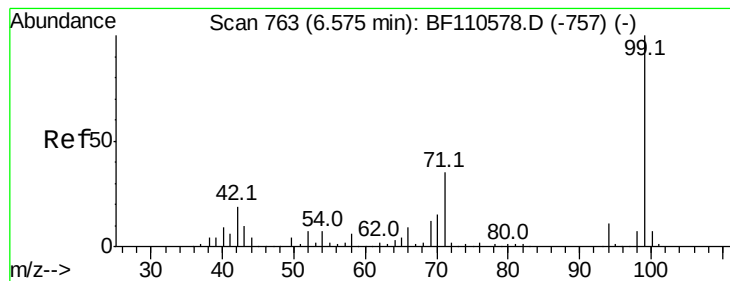
Abundance

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: 43.528 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110734.D

Acq: 13 Nov 2018 22:11

Instrument :

BNA_F

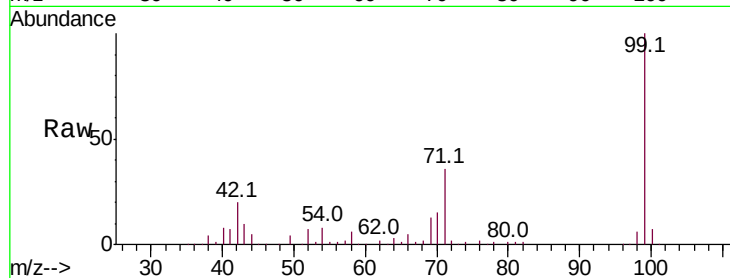
ClientSampleId :

DOC-19-PRE-CHAR-1

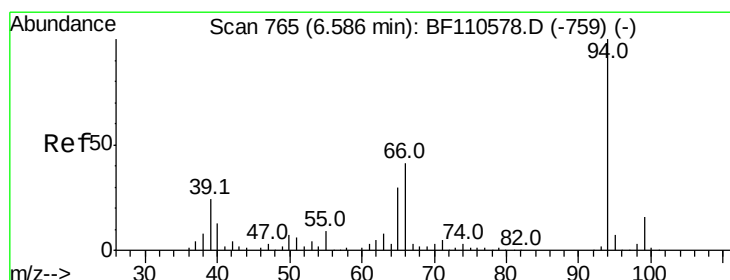
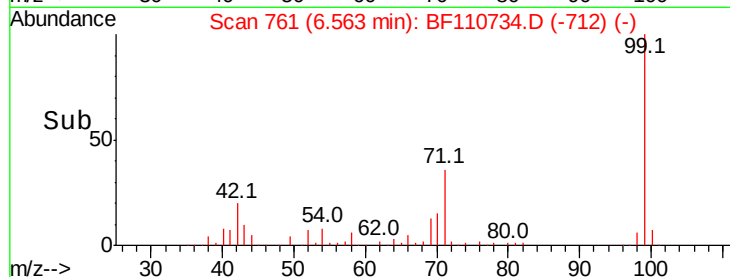
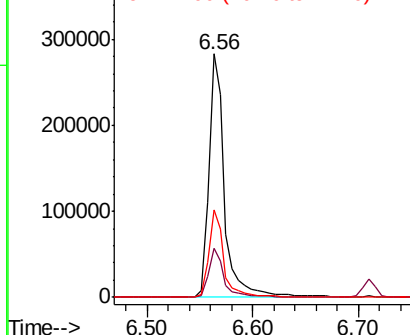
Tot Ion:	99	Resp:	292250
Ion Ratio	Lower	Upper	
99	100		
42	20.1	15.8	23.6
71	35.8	28.0	42.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.408 ng

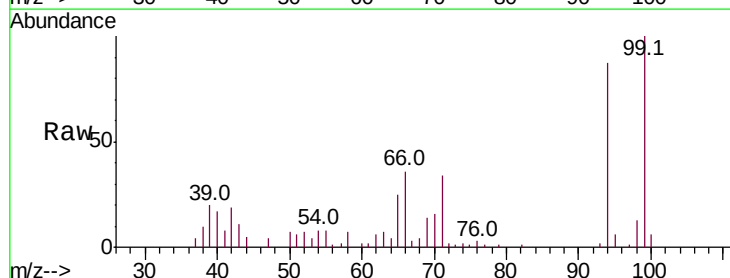
RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

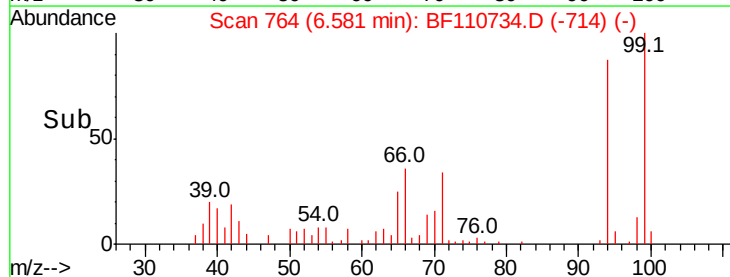
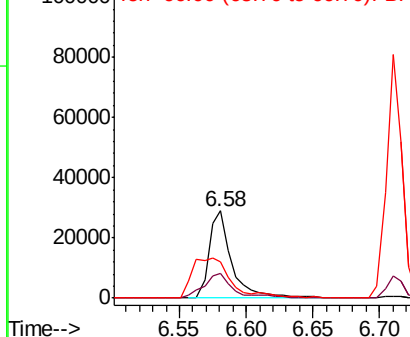
Lab File: BF110734.D

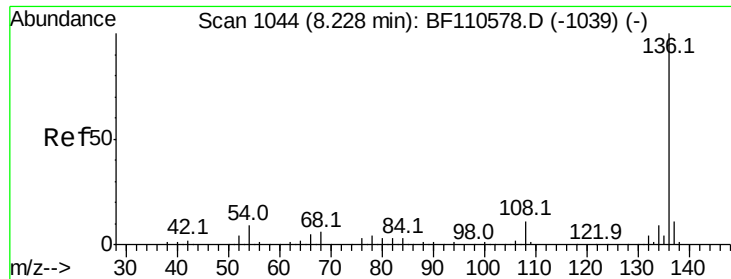
Acq: 13 Nov 2018 22:11

Tgt Ion:	94	Resp:	34319
Ion Ratio	Lower	Upper	
94	100		
65	28.5	25.3	65.3
66	41.5	54.5	94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





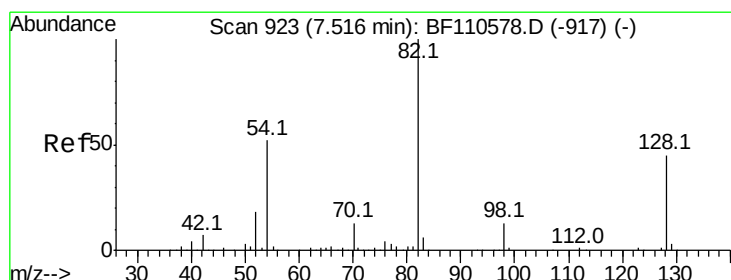
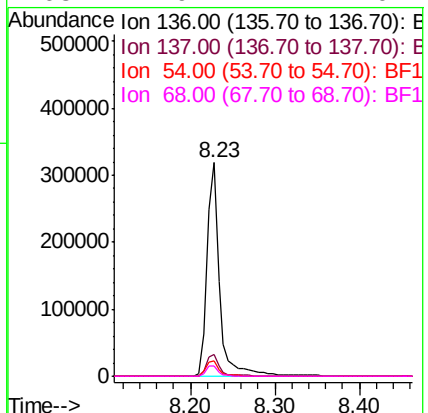
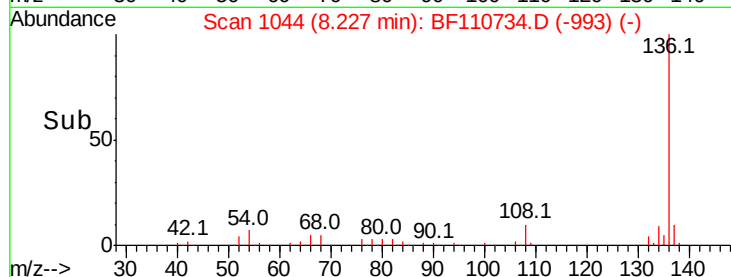
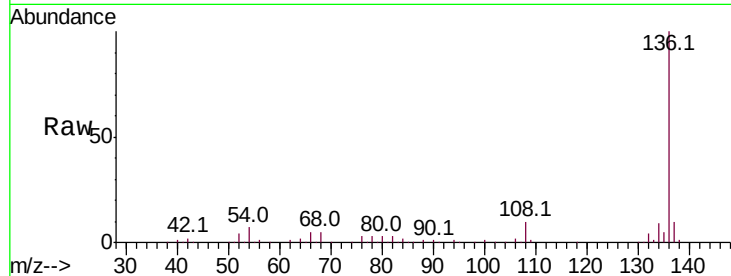
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DOC-19-PRE-CHAR-1

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.8	13.2	
54	7.4	5.4	8.2	
68	4.9	4.2	6.2	

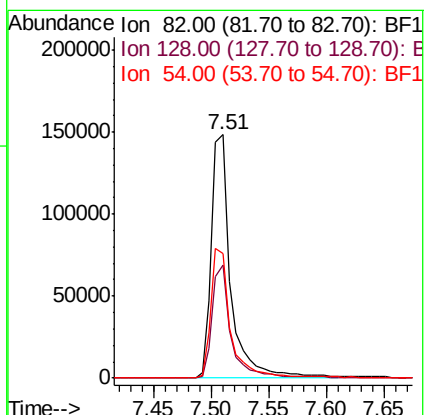
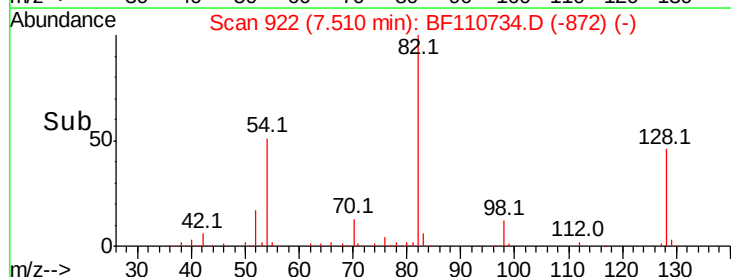
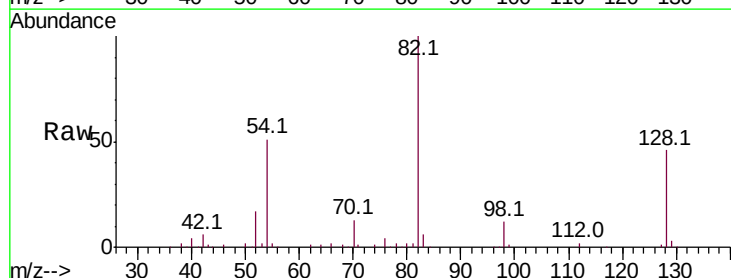
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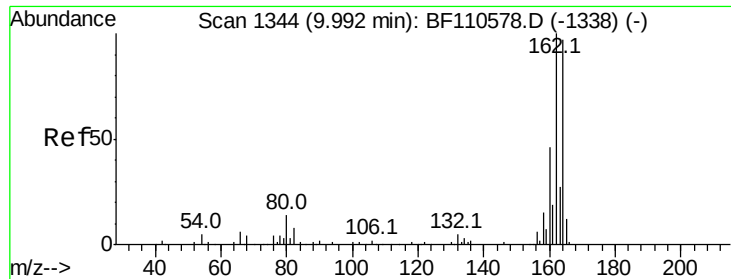
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#23
Nitrobenzene-d5
Concen: 30.354 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.3	34.2	51.2	
54	51.0	38.6	58.0	





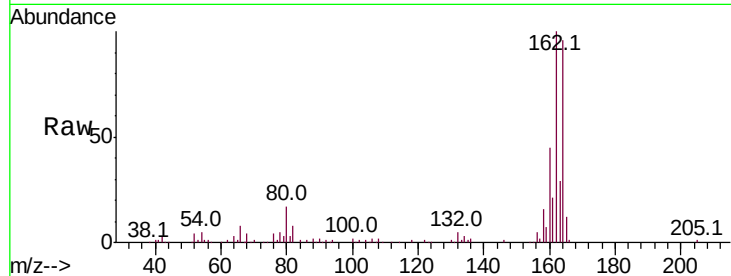
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF110734.D
 Acq: 13 Nov 2018 22:11

Instrument :
 BNA_F
 ClientSampleId :
 DOC-19-PRE-CHAR-1

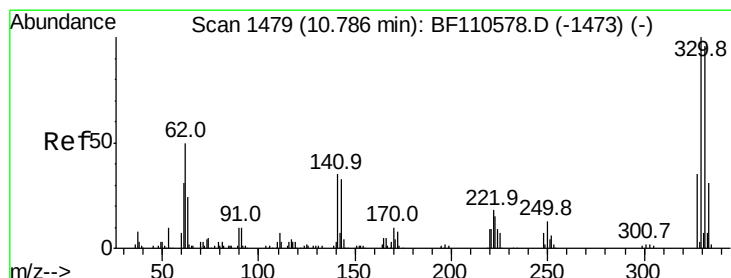
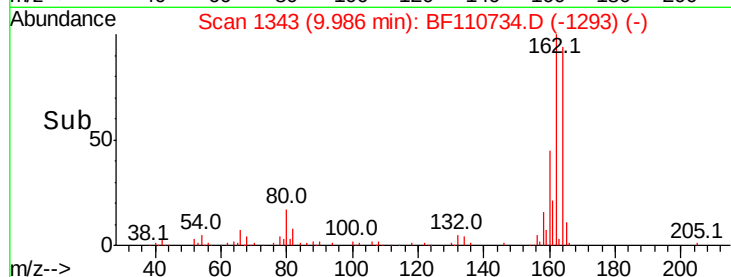
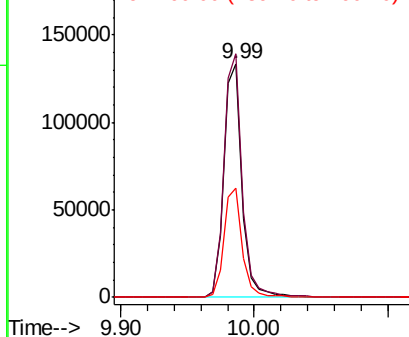
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.2	83.0	124.6	
160	46.8	37.0	55.6	

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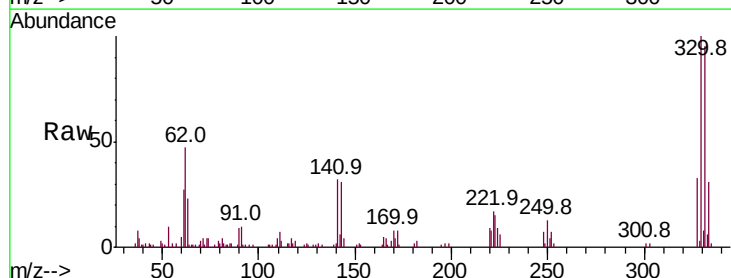


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

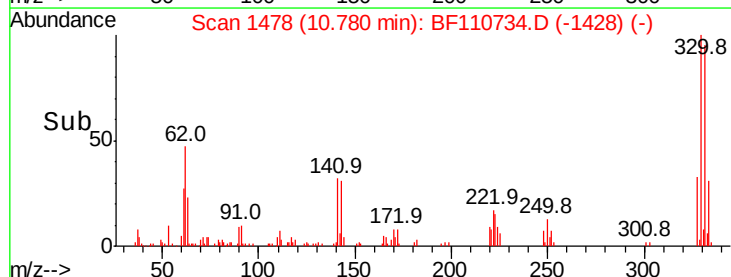
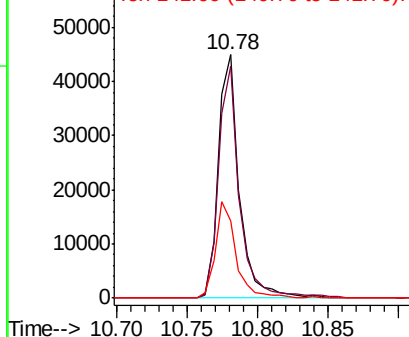


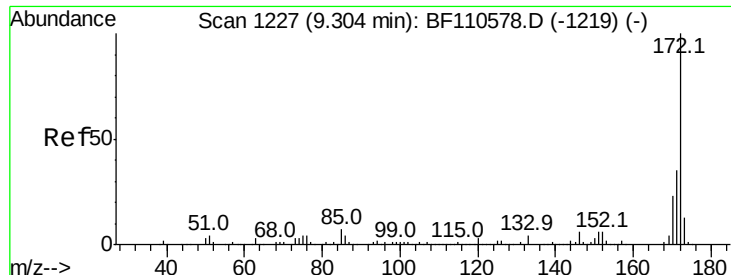
#42
 2,4,6-Tribromophenol
 Concen: 35.910 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110734.D
 Acq: 13 Nov 2018 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.0	77.1	115.7	
141	38.5	27.0	40.4	



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





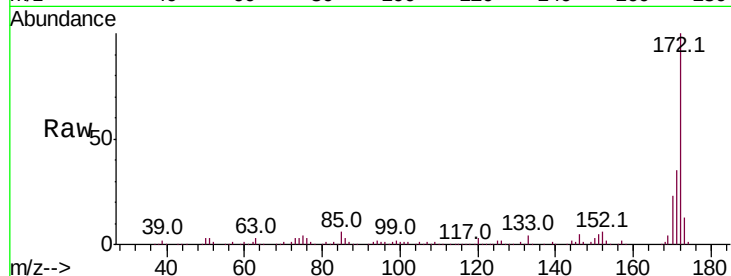
#45
2-Fluorobiphenyl
Concen: 35.289 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DOC-19-PRE-CHAR-1

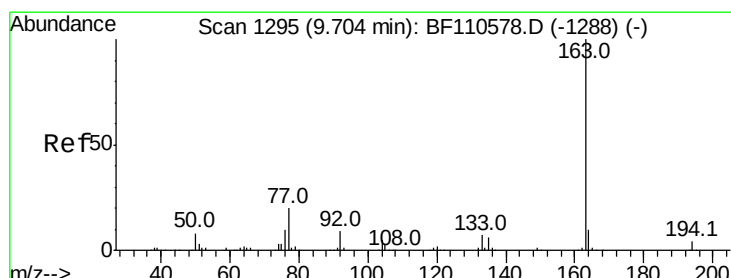
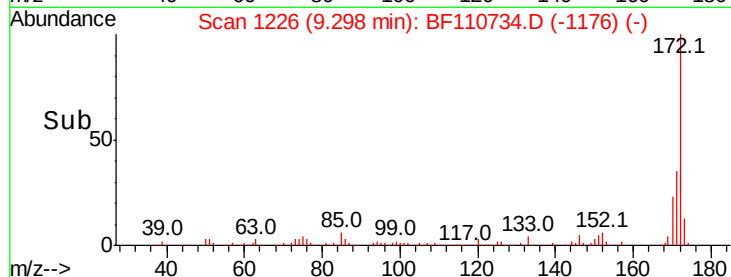
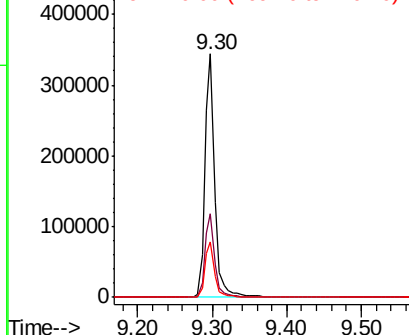
Tot Ion	Ratio	Resp	Lower	Upper
172	100	319129		
171	34.6		28.6	43.0
170	23.0		19.7	29.5

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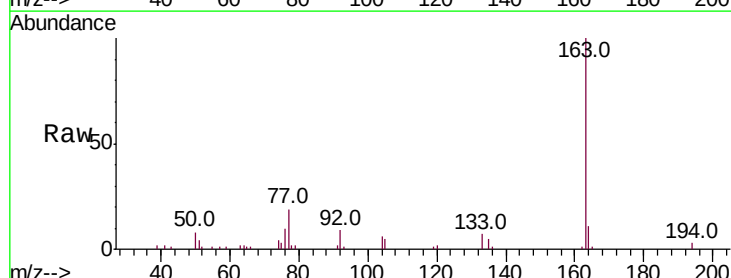


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

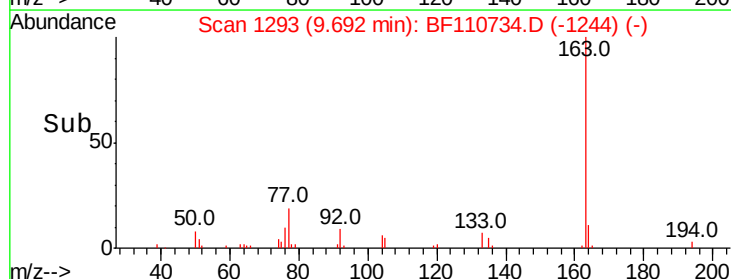
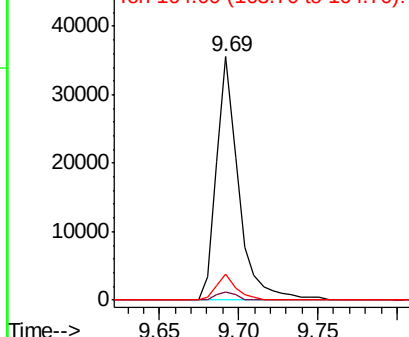


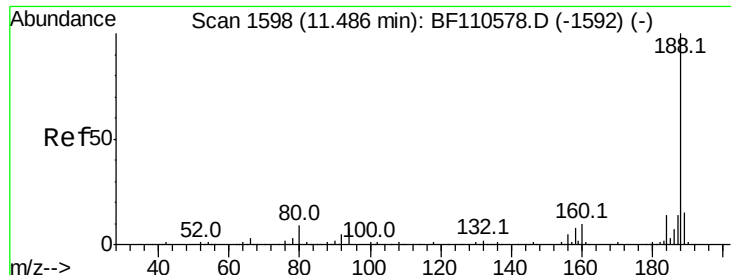
#50
Dimethylphthalate
Concen: 3.581 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	34506		
194	3.4		3.2	4.8
164	10.6		8.1	12.1



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





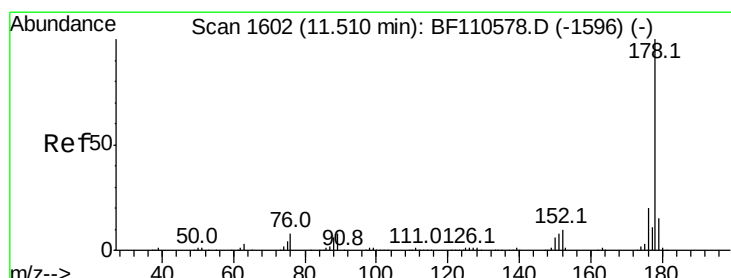
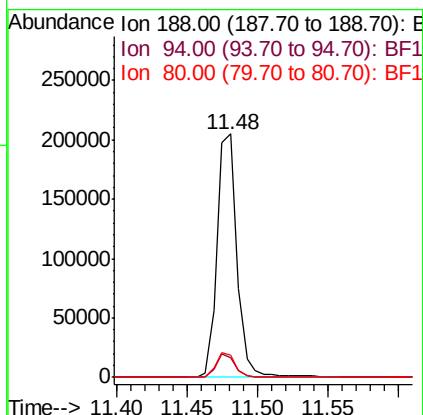
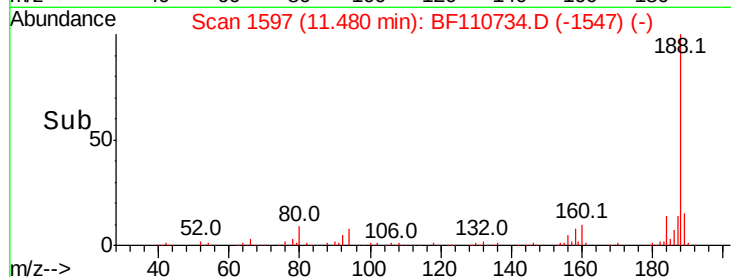
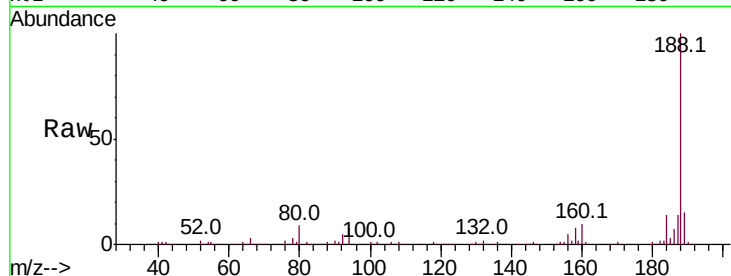
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DOC-19-PRE-CHAR-1

Tot Ion	Ratio	Resp	Lower	Upper
188	100	201673		
94	8.1		7.2	10.8
80	9.0		7.9	11.9

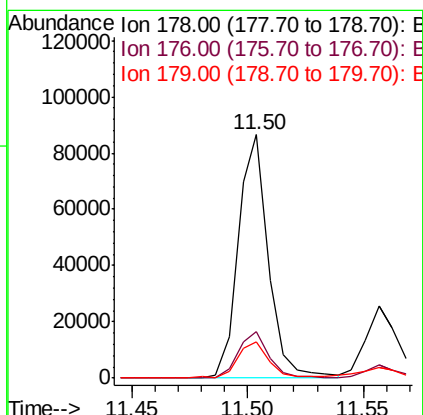
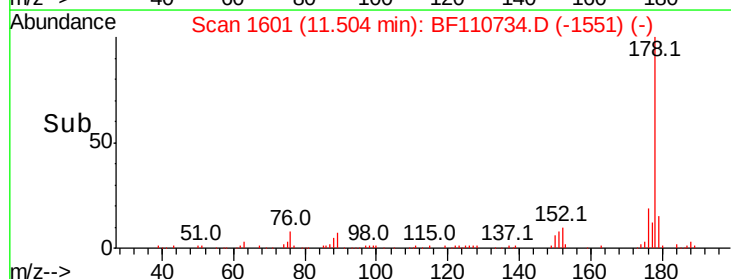
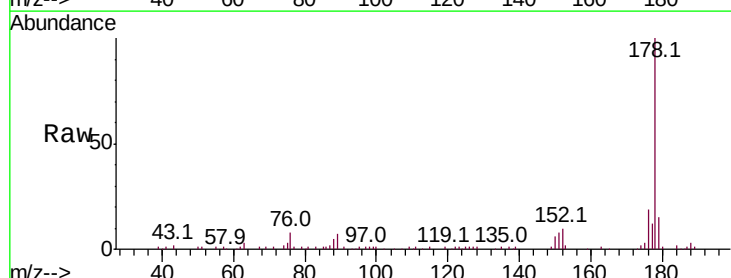
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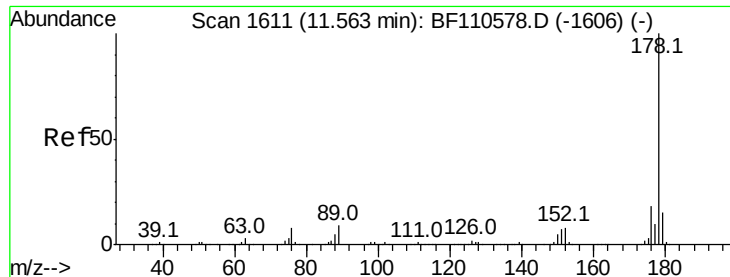
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#71
Phenanthrene
Concen: 7.278 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	78634		
176	18.9		15.5	23.3
179	15.0		12.5	18.7





#72

Anthracene

Concen: 2.315 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF110734.D

Acq: 13 Nov 2018 22:11

Instrument :

BNA_F

ClientSampleId :

DOC-19-PRE-CHAR-1

Tot Ion:178 Resp: 25227

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

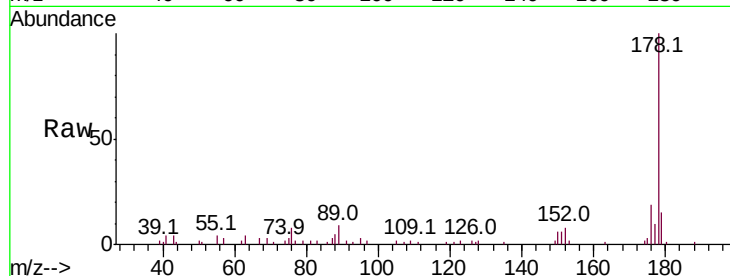
179 14.8 12.6 18.8

Manual Integrations

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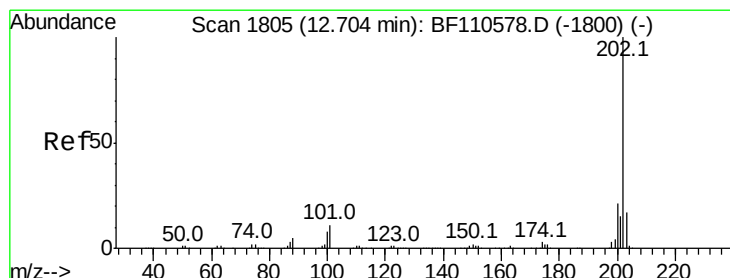
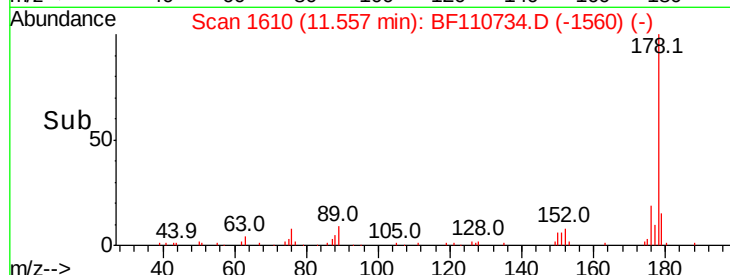
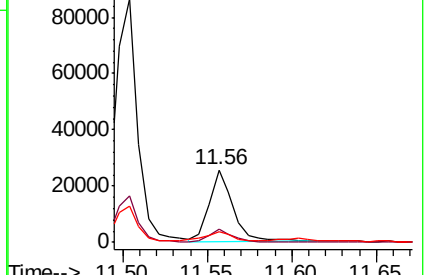
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 13.871 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110734.D

Acq: 13 Nov 2018 22:11

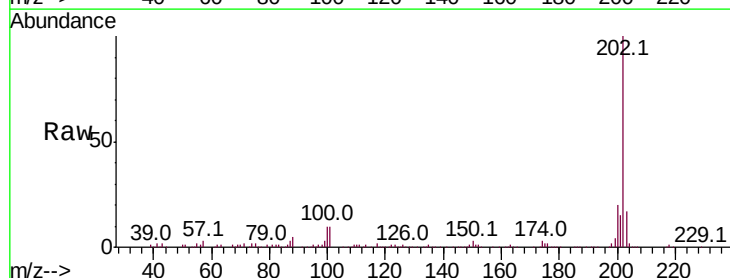
Tgt Ion:202 Resp: 150251

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.4

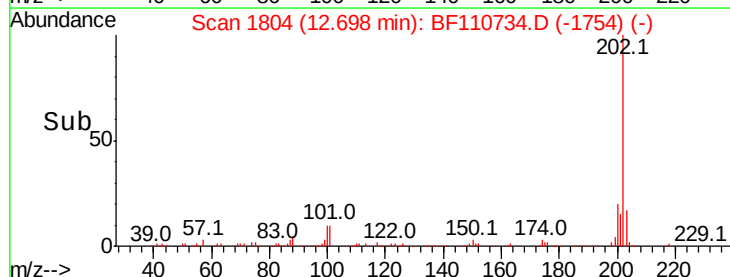
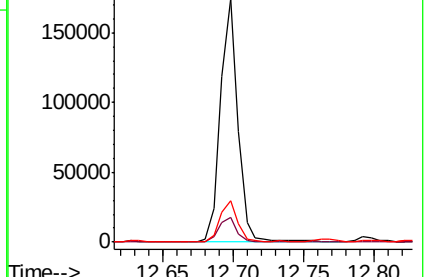
203 17.2 0.0 37.7

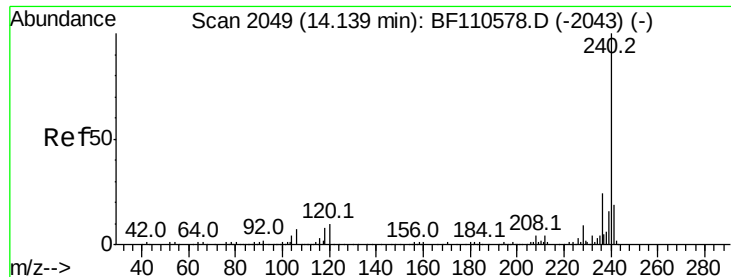


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





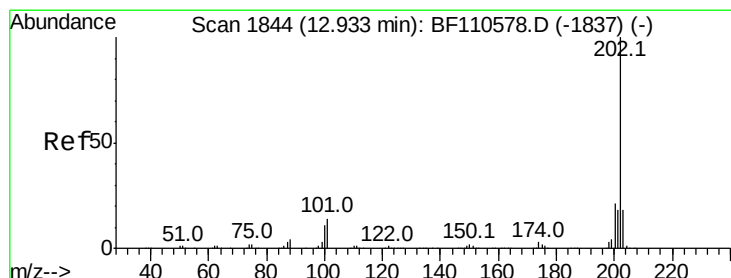
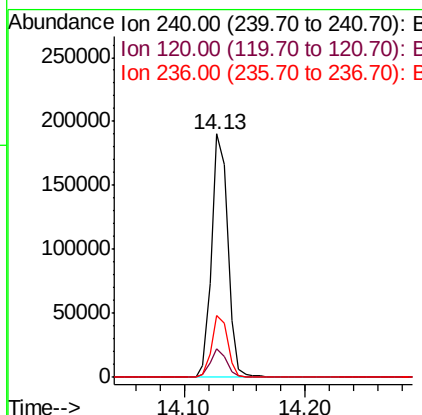
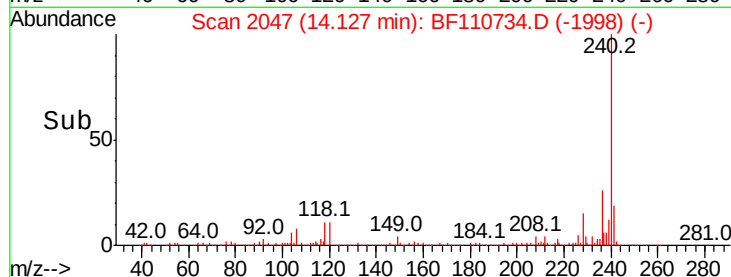
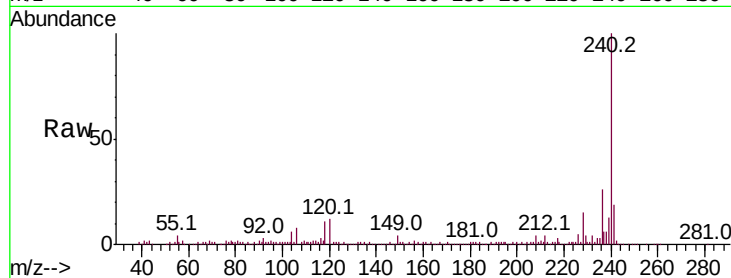
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DOC-19-PRE-CHAR-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.3	12.5
236	25.5	21.2	31.8

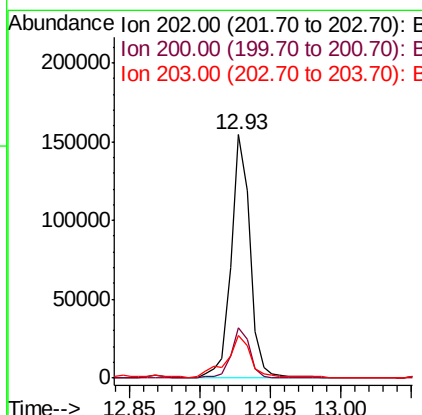
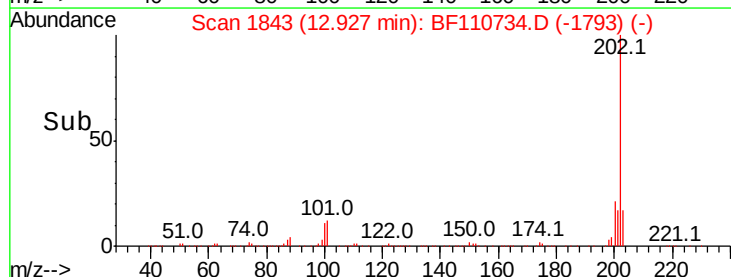
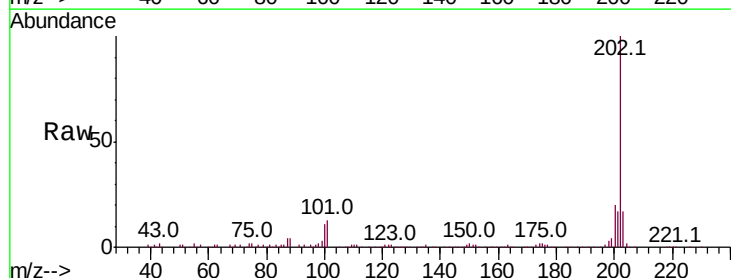
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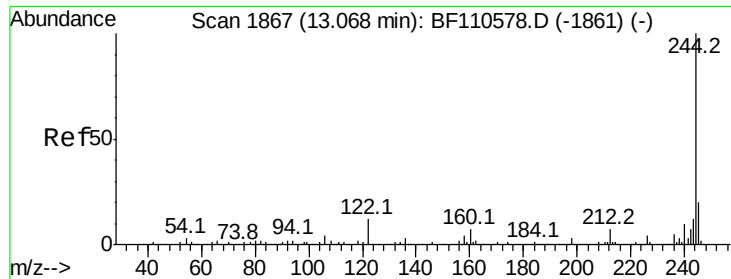
Sohil
11/14/2018 1:52:28 PM



#78
Pyrene
Concen: 10.679 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.8	26.6
203	17.3	14.2	21.4





#79

Terphenyl-d14

Concen: 24.719 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110734.D

Acq: 13 Nov 2018 22:11

Instrument :

BNA_F

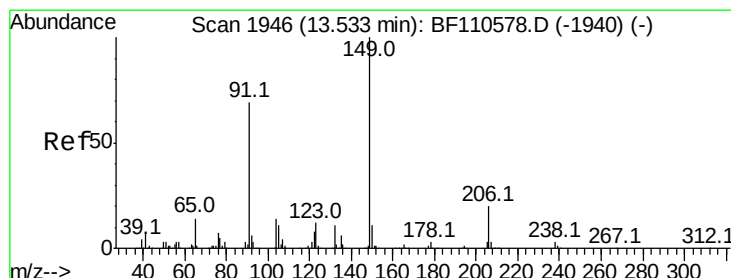
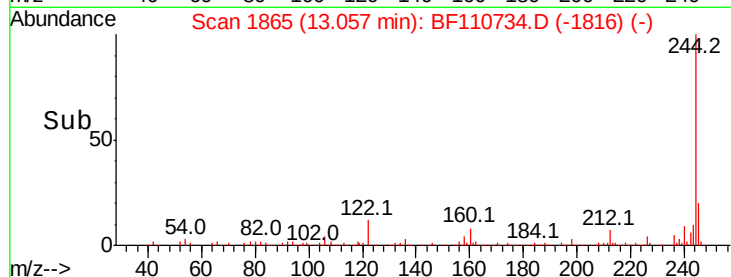
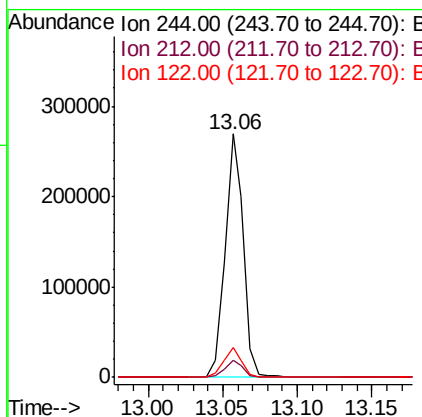
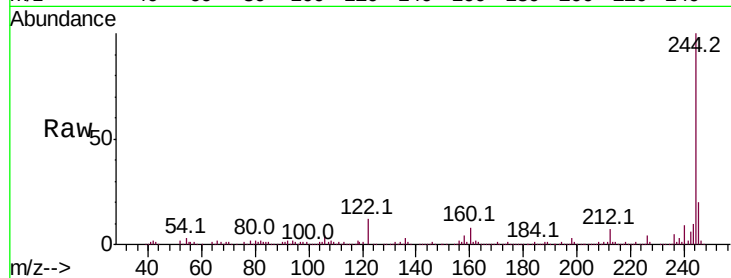
ClientSampleId :

DOC-19-PRE-CHAR-1

Tot Ion:	244	Resp:	232606
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.8	8.8
122	12.4	8.7	13.1

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#80

Butylbenzylphthalate

Concen: 4.656 ng

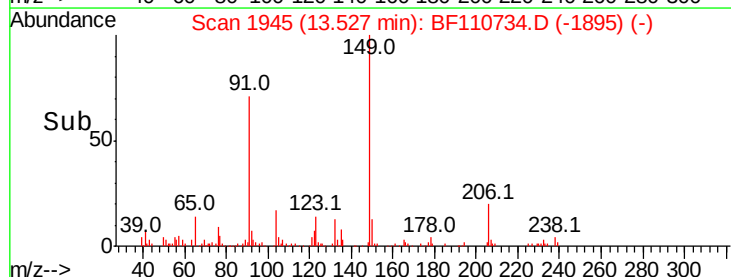
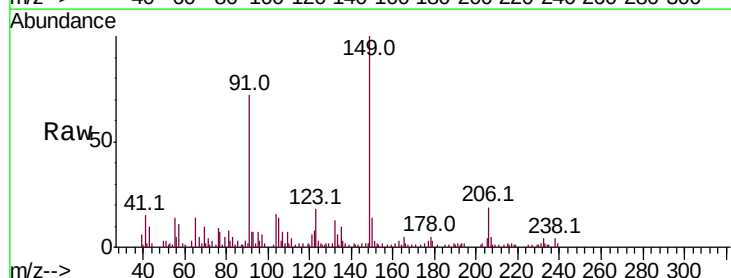
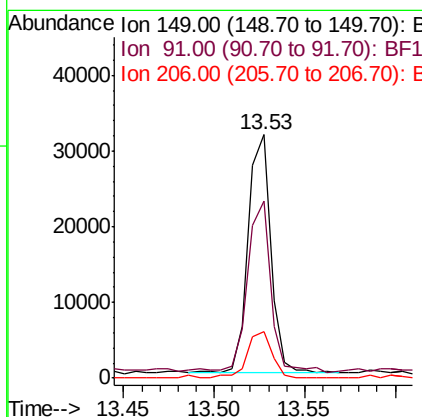
RT: 13.53 min Scan# 1945

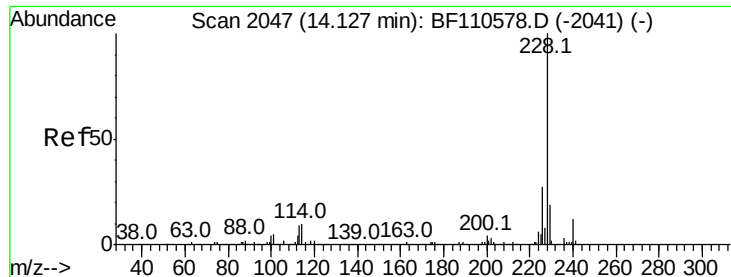
Delta R.T. -0.01 min

Lab File: BF110734.D

Acq: 13 Nov 2018 22:11

Tgt Ion:	149	Resp:	27190
Ion Ratio	Lower	Upper	
149	100		
91	72.5	57.2	85.8
206	19.0	15.7	23.5





#81

Benzo(a)anthracene

Concen: 7.014 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110734.D

Acq: 13 Nov 2018 22:11

Instrument :

BNA_F

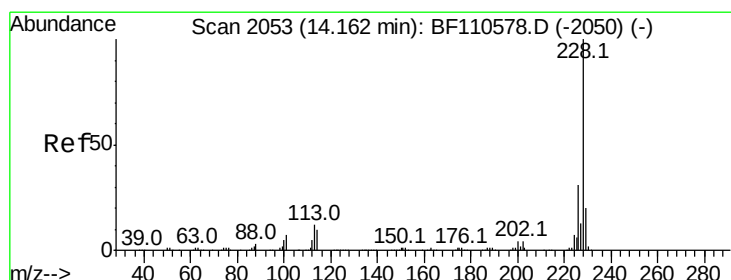
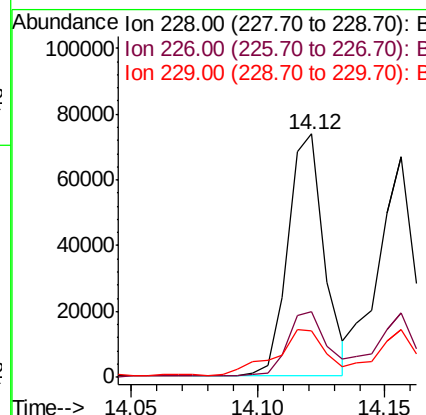
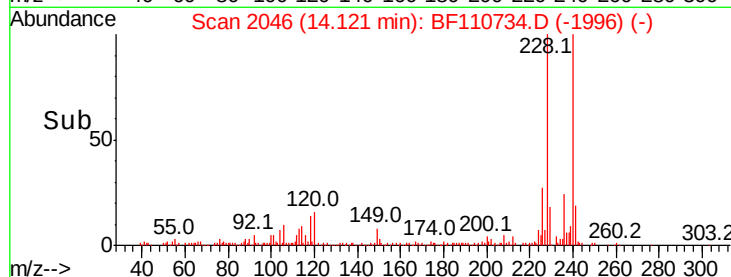
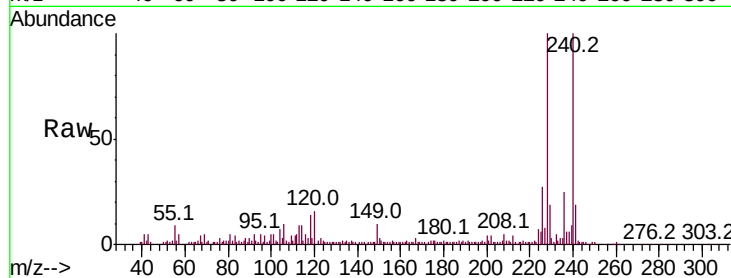
ClientSampleId :

DOC-19-PRE-CHAR-1

Tot Ion:228	Resp:	73876
Ion Ratio	Lower	Upper
228 100		
226 27.2	22.1	33.1
229 19.0	15.6	23.4

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#83

Chrysene

Concen: 6.676 ng

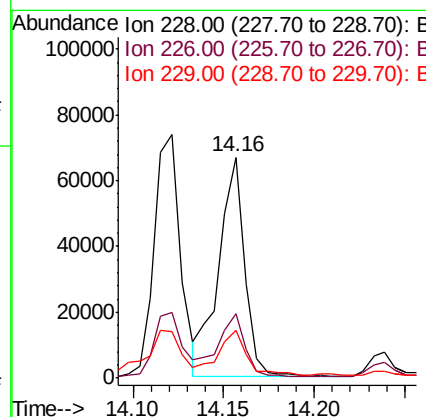
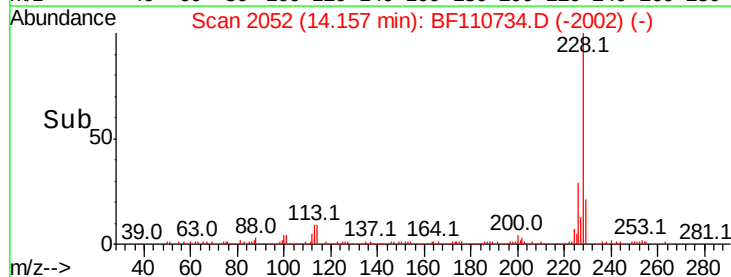
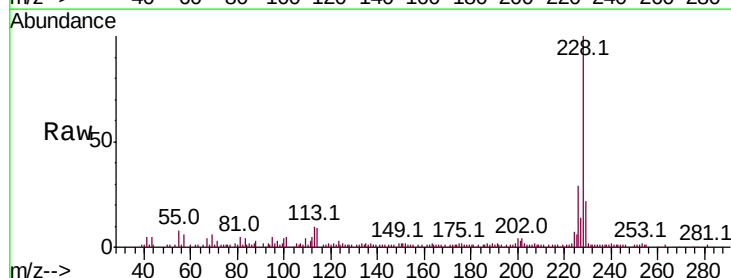
RT: 14.16 min Scan# 2052

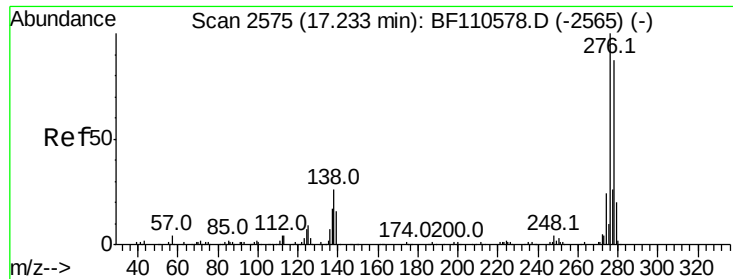
Delta R.T. -0.01 min

Lab File: BF110734.D

Acq: 13 Nov 2018 22:11

Tgt Ion:228	Resp:	66999
Ion Ratio	Lower	Upper
228 100		
226 29.4	24.7	37.1
229 21.9	15.9	23.9





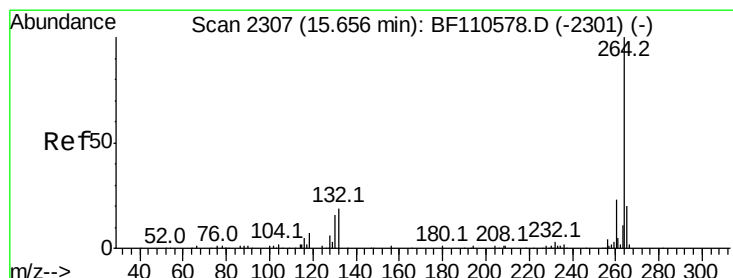
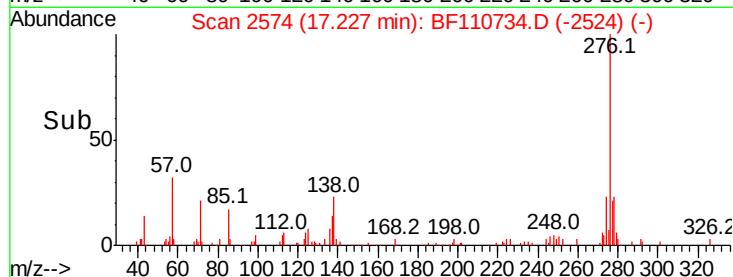
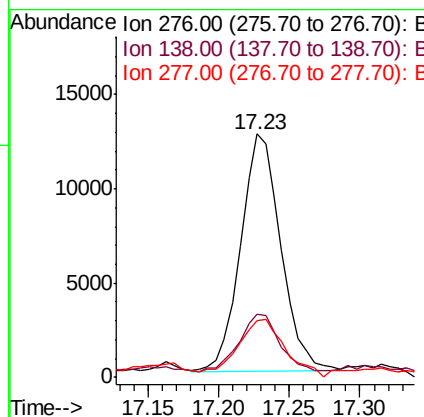
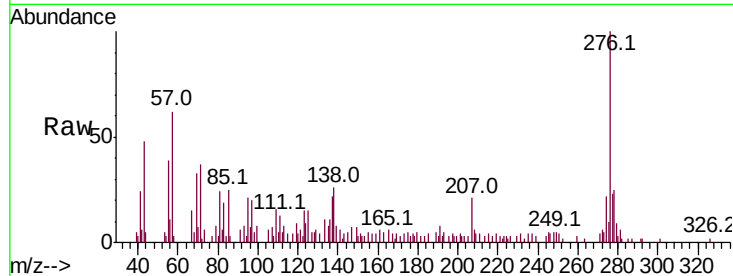
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.473 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DOC-19-PRE-CHAR-1

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	18.5	27.7
277	29.1	20.0	30.0

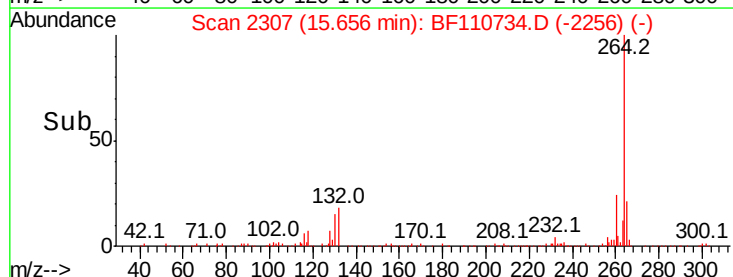
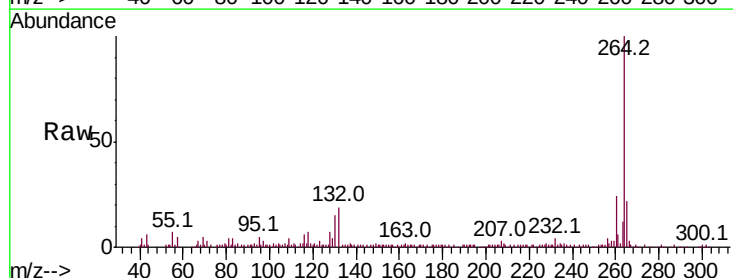
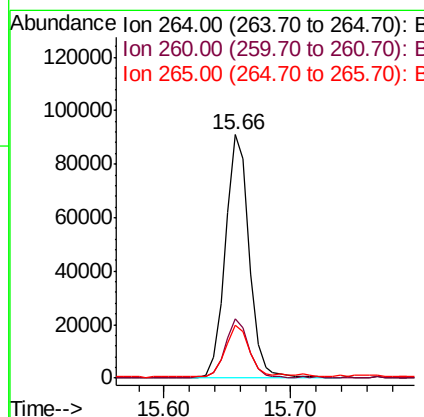
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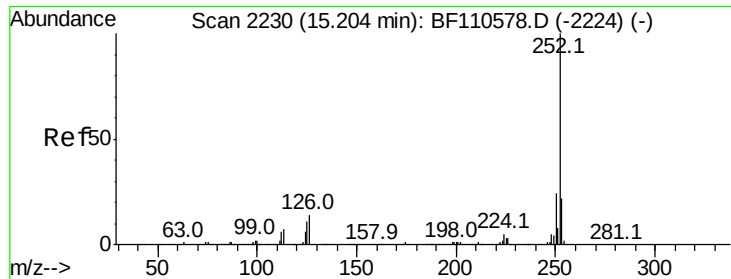
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.5	16.7	25.1





#88

Benzo(b)fluoranthene

Concen: 9.609 ng m

RT: 15.20 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BF110734.D

Acq: 13 Nov 2018 22:11

Instrument :

BNA_F

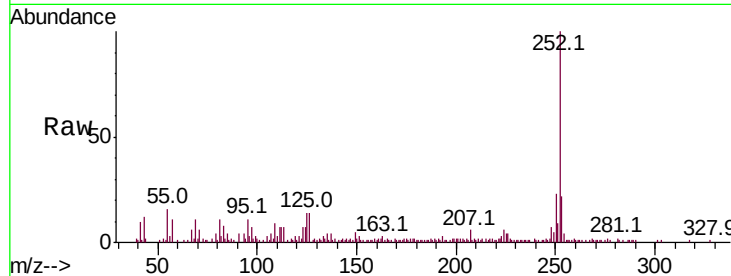
ClientSampleId :

DOC-19-PRE-CHAR-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	14.0	8.2	12.4

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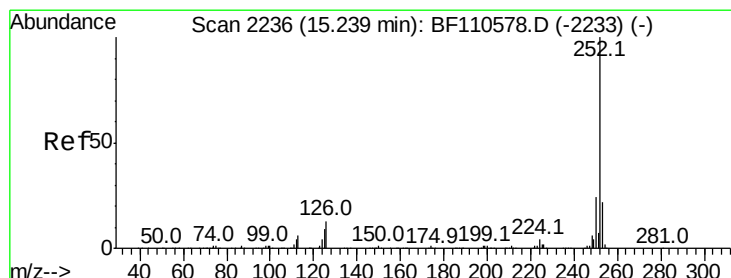
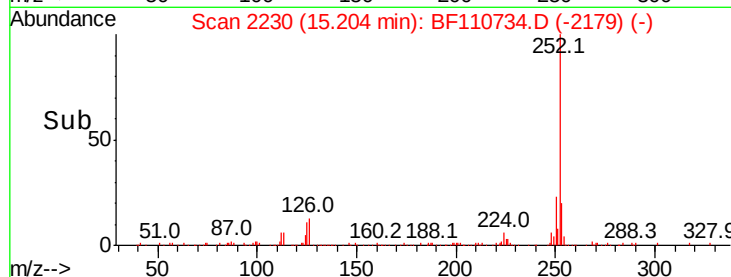
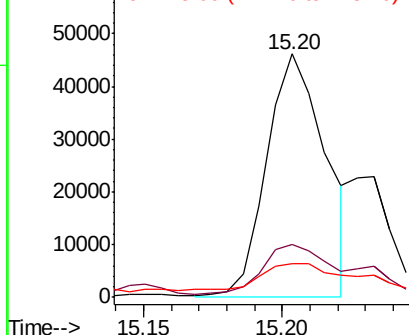


Abundance

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



#89

Benzo(k)fluoranthene

Concen: 3.342 ng m

RT: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF110734.D

Acq: 13 Nov 2018 22:11

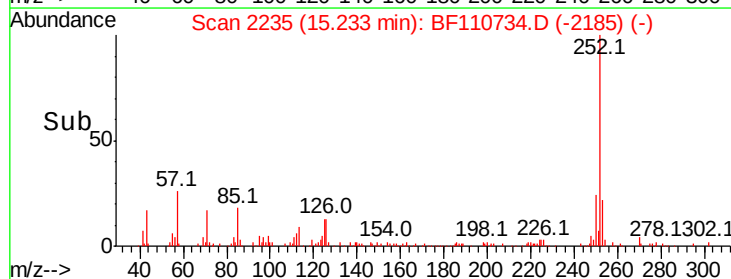
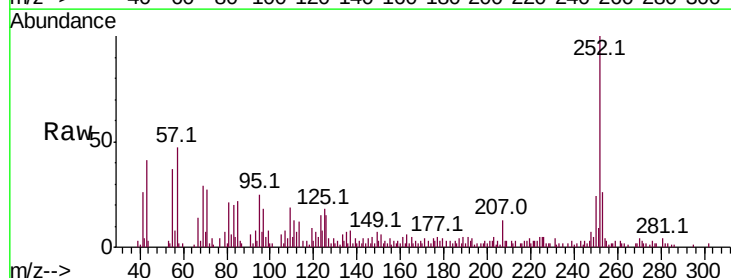
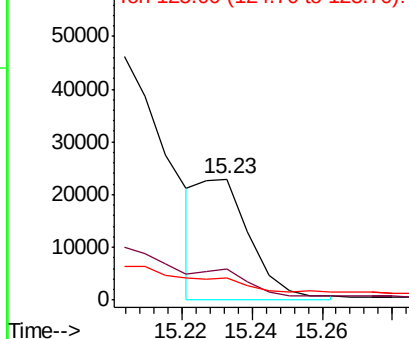
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.2	25.8
125	18.2	7.4	11.0

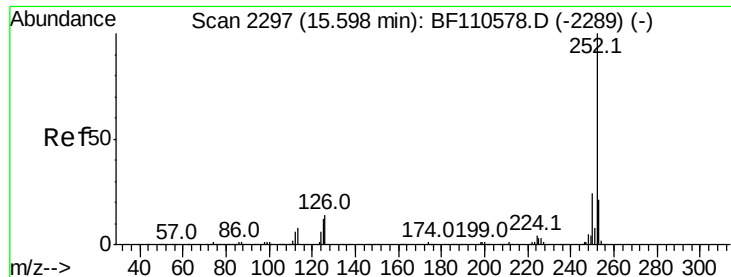
Abundance

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





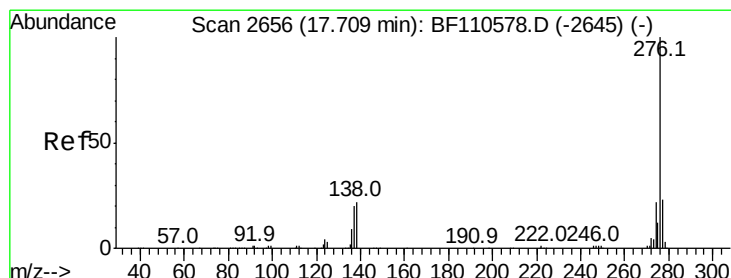
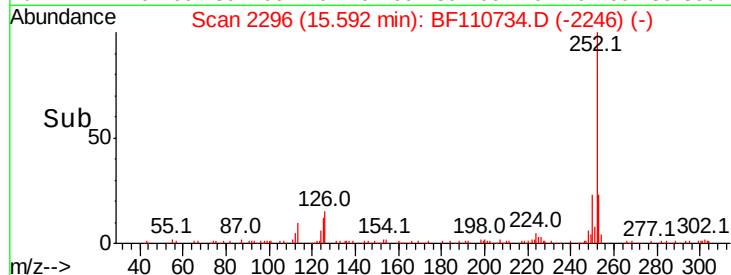
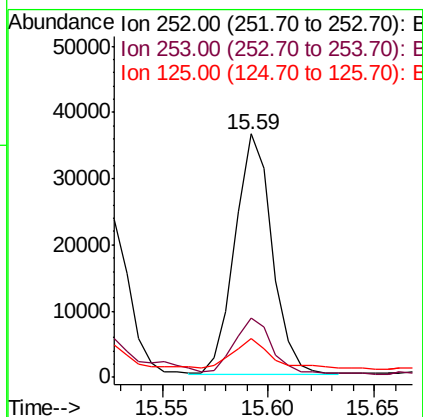
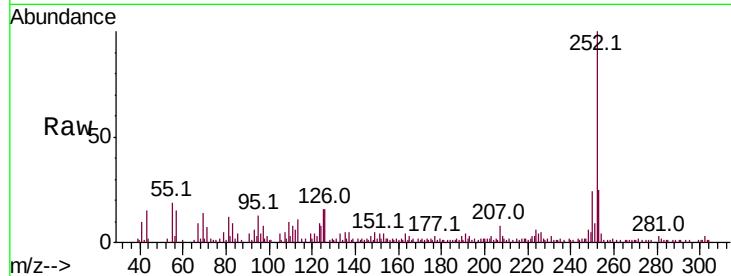
#90
Benzo(a)pyrene
Concen: 6.914 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DOC-19-PRE-CHAR-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.4
125	16.2	9.0	13.6

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#92
Benzo(g,h,i)perylene
Concen: 4.957 ng
RT: 17.71 min Scan# 2656
Delta R.T. -0.00 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	24.5	16.0	24.0

