

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
 Data File : BF110733.D
 Acq On : 13 Nov 2018 21:44
 Operator : JU/SJ
 Sample : J5908-23 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SR-7-S

Manual Integrations
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 11/14/2018 1:52:27 PM

Quant Time: Nov 14 06:06:12 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	91006	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	356914	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	141424	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	221645	20.00	ng	0.00
76) Chrysene-d12	14.13	240	182505	20.00	ng	-0.01
87) Perylene-d12	15.66	264	128836	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	267031	47.66	ng	0.00
7) Phenol-d6	6.56	99	332160	46.36	ng	-0.01
23) Nitrobenzene-d5	7.50	82	202095	32.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	56222	39.45	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	325315	32.85	ng	0.00
79) Terphenyl-d14	13.06	244	230601	23.66	ng	-0.01
Target Compounds						
75) Fluoranthene	12.70	202	97196	8.164	ng	Qvalue 97
78) Pyrene	12.93	202	89413	6.363	ng	98
81) Benzo(a)anthracene	14.12	228	45184	4.142	ng	98
83) Chrysene	14.16	228	42197	4.060	ng	97
86) Indeno(1,2,3-cd)pyrene	17.23	276	22159	2.971	ng	91
88) Benzo(b)fluoranthene	15.20	252	56268m	7.301	ng	
89) Benzo(k)fluoranthene	15.23	252	17602m	2.311	ng	
90) Benzo(a)pyrene	15.59	252	34105	4.870	ng	# 94
92) Benzo(g,h,i)perylene	17.71	276	21524	3.661	ng	# 89

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

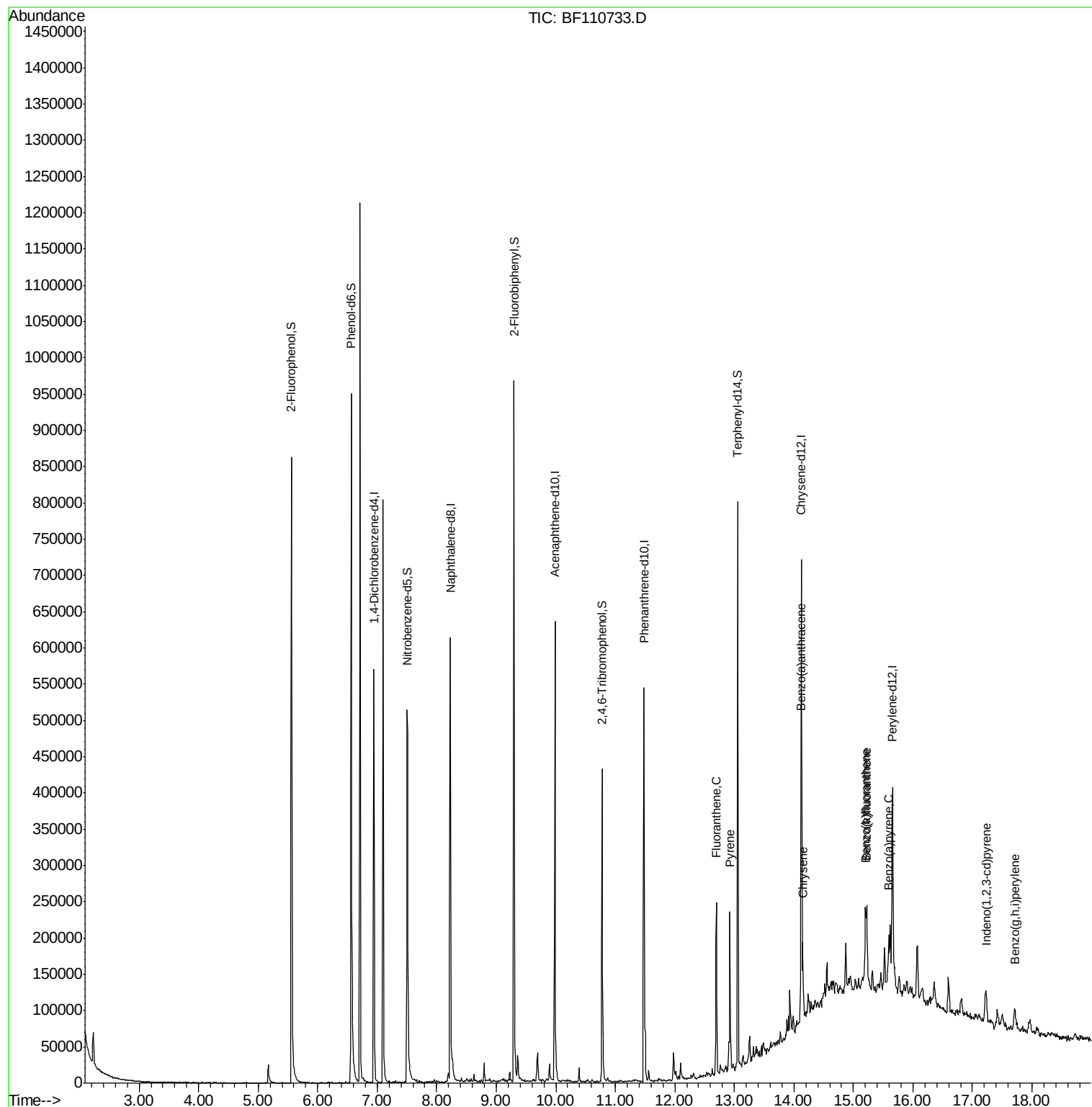
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110733.D
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Sample : J5908-23 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

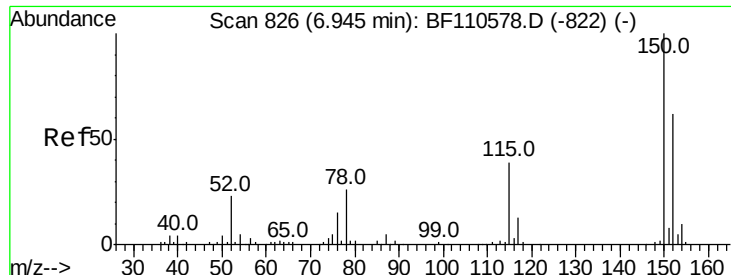
Instrument :
BNA_F
ClientSampleId :
SR-7-S

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#1

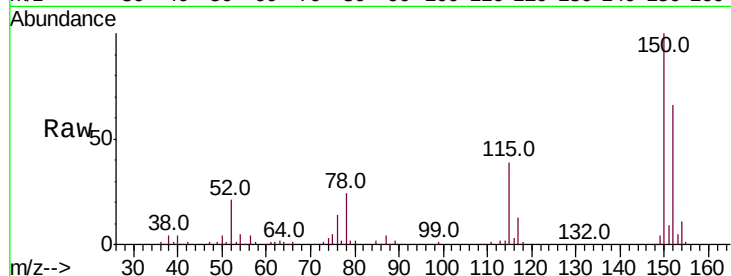
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Instrument :
BNA_F
ClientSampled :
SR-7-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	122.7	184.1
115	59.6	49.1	73.7

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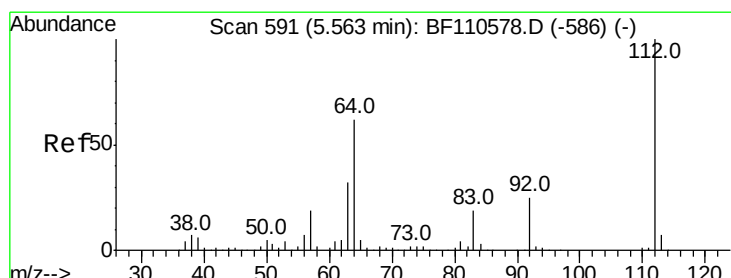
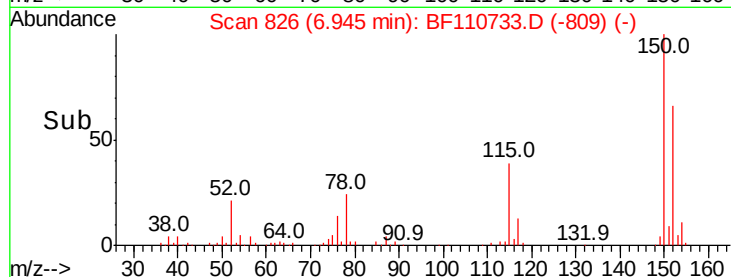
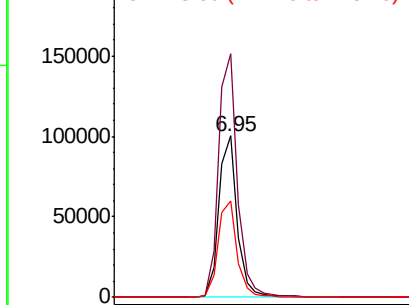


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

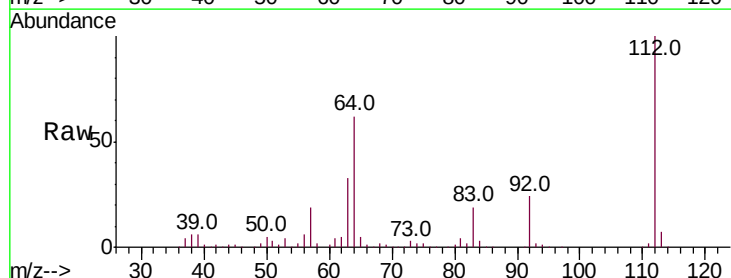
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 47.661 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	44.1	66.1
63	32.6	23.7	35.5

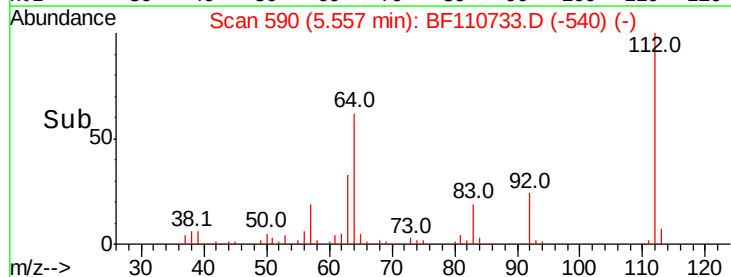
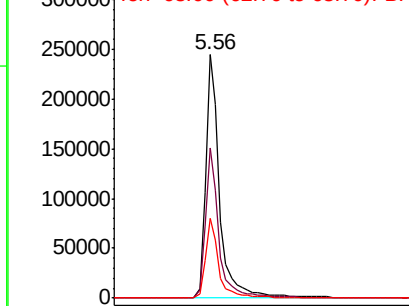


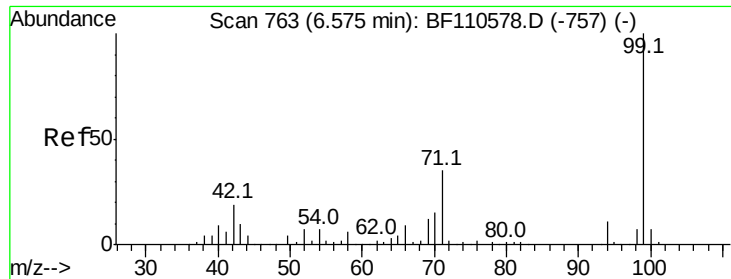
Abundance

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: 46.362 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110733.D

Acq: 13 Nov 2018 21:44

Instrument :

BNA_F

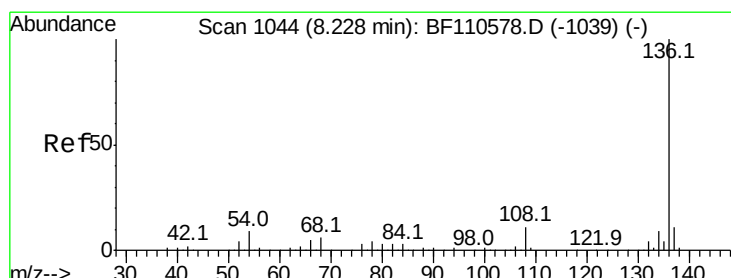
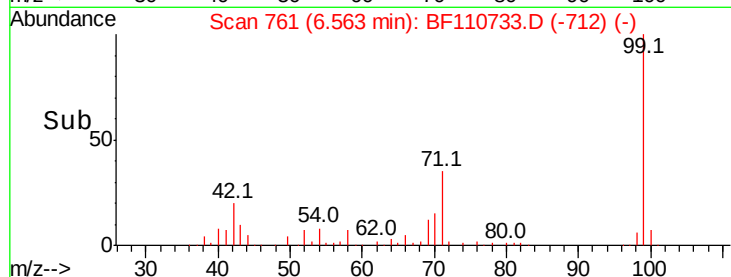
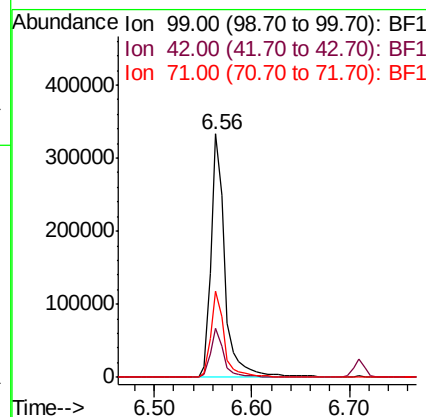
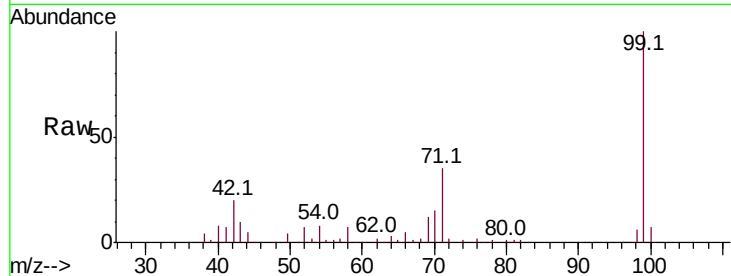
ClientSampled :

SR-7-S

Tot Ion:	99	Resp:	332160
Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.8	23.6
71	35.5	28.0	42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

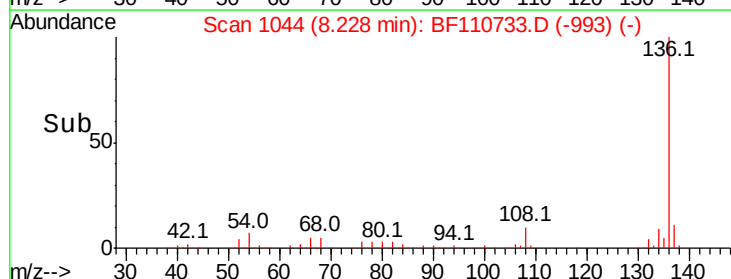
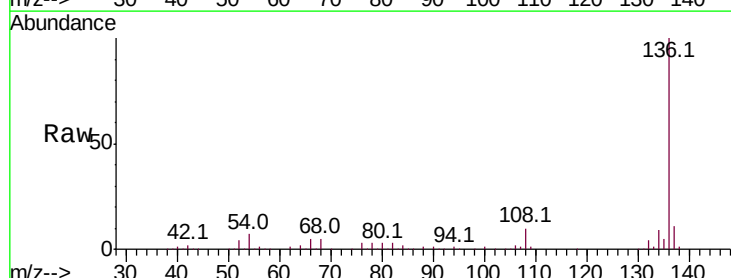
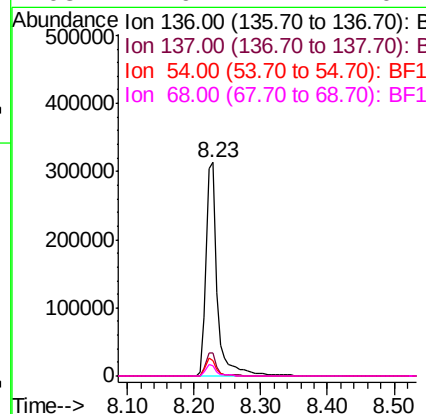
RT: 8.23 min Scan# 1044

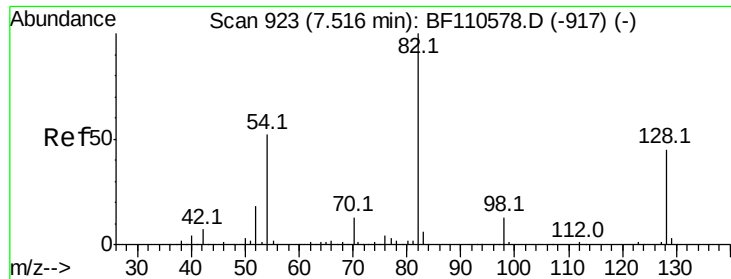
Delta R.T. 0.00 min

Lab File: BF110733.D

Acq: 13 Nov 2018 21:44

Tgt Ion:	136	Resp:	356914
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.2	5.4	8.2
68	4.9	4.2	6.2





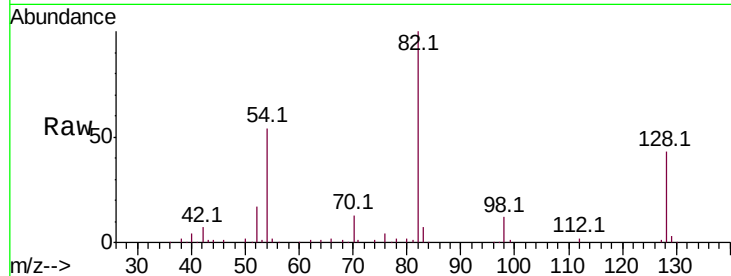
#23
Nitrobenzene-d5
Concen: 32.609 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Instrument :
BNA_F
ClientSampled :
SR-7-S

Tot Ion	82	Resp	202095
Ion Ratio	100	Lower	Upper
128	43.3	34.2	51.2
54	54.0	38.6	58.0

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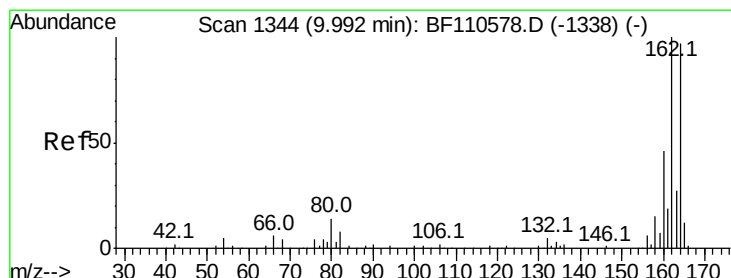
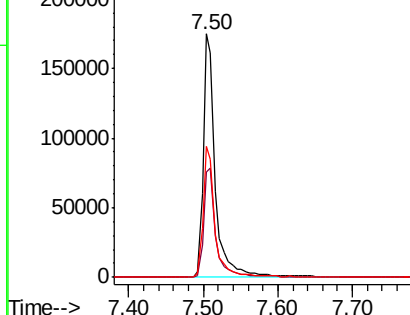
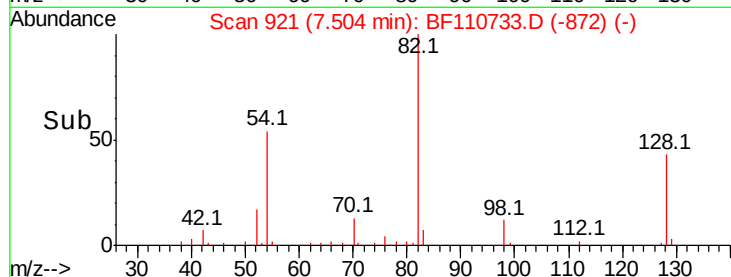


Abundance

Ion 82.00 (81.70 to 82.70): BF1

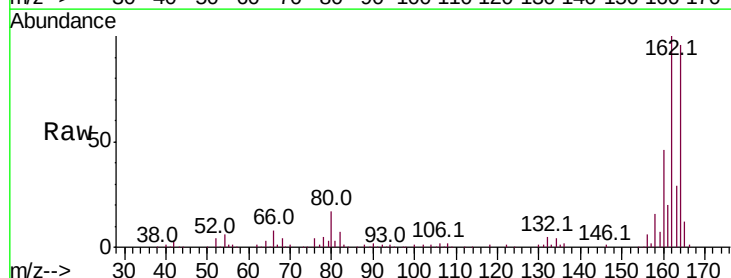
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Tgt Ion	164	Resp	141424
Ion Ratio	100	Lower	Upper
162	103.8	83.0	124.6
160	47.3	37.0	55.6

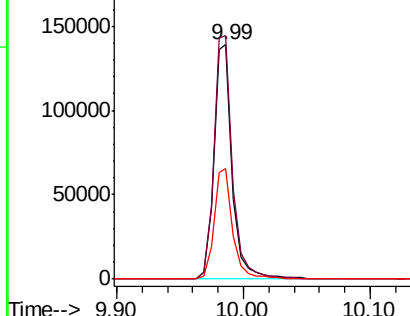
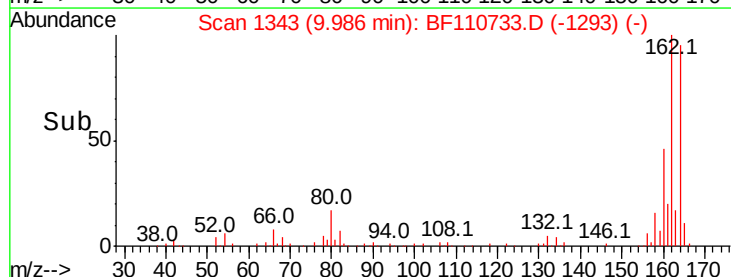


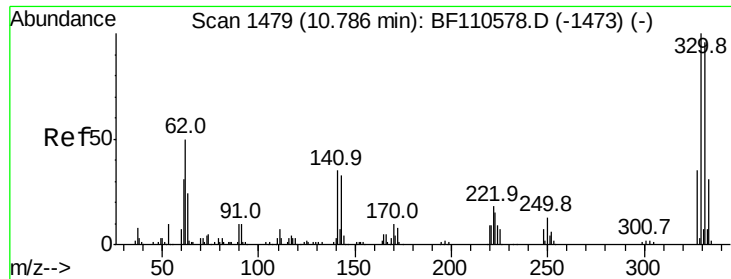
Abundance

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: 39.453 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110733.D

Acq: 13 Nov 2018 21:44

Instrument :

BNA_F

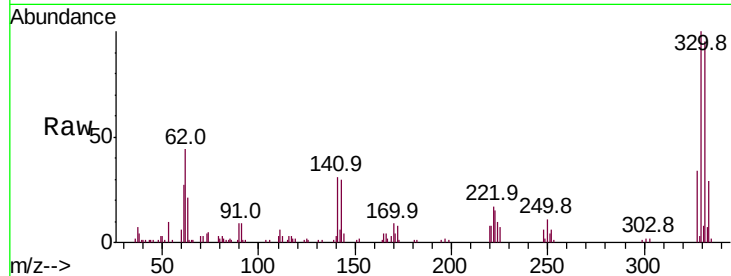
ClientSampled :

SR-7-S

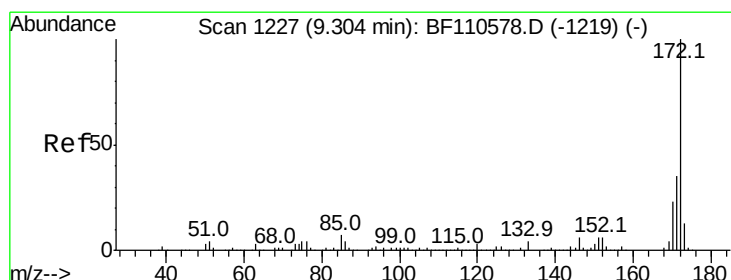
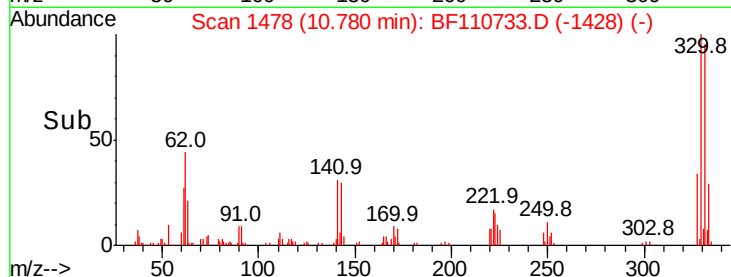
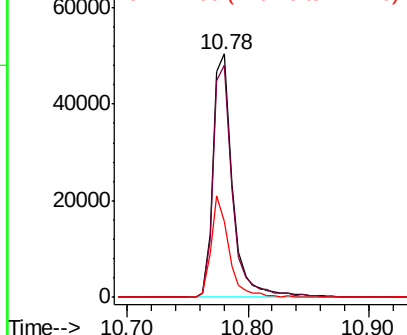
Tot Ion:	330	Resp:	56222
Ion Ratio	Lower	Upper	
330	100		
332	94.8	77.1	115.7
141	37.9	27.0	40.4

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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: 32.852 ng

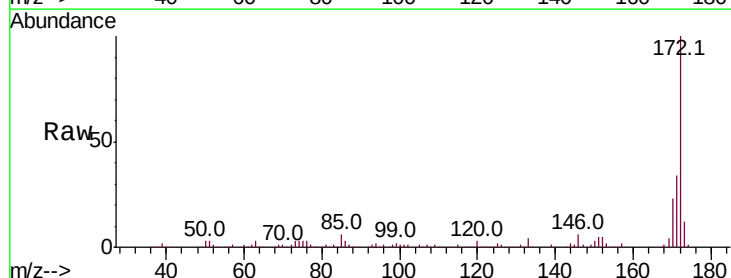
RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

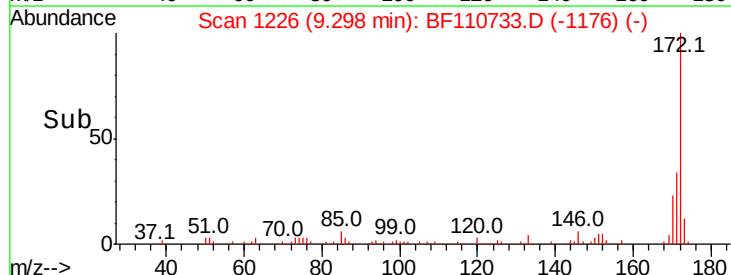
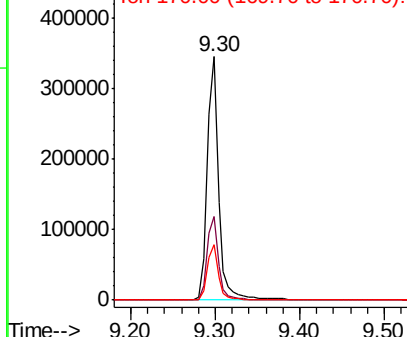
Lab File: BF110733.D

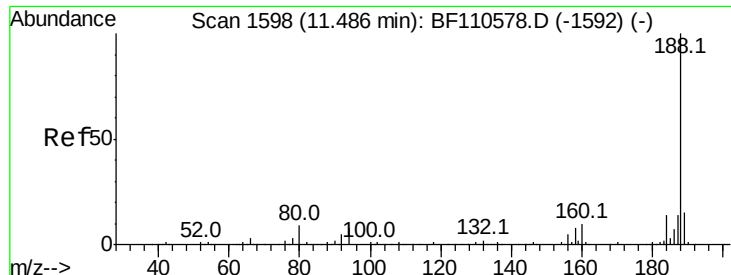
Acq: 13 Nov 2018 21:44

Tgt Ion:	172	Resp:	325315
Ion Ratio	Lower	Upper	
172	100		
171	34.2	28.6	43.0
170	22.6	19.7	29.5



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





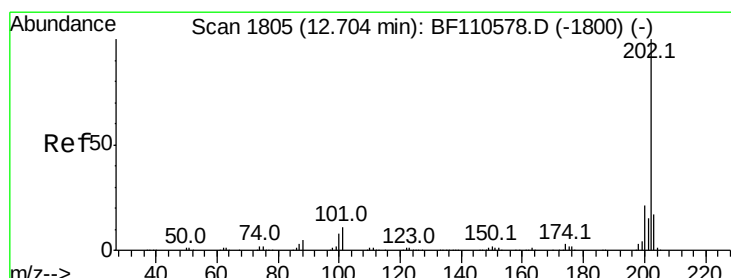
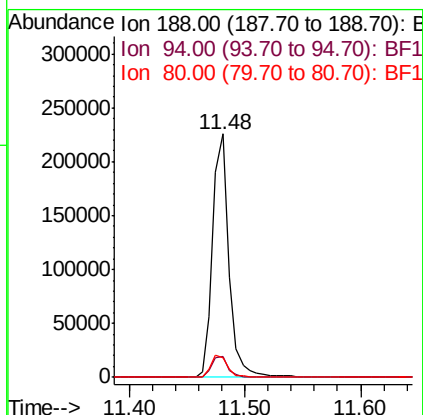
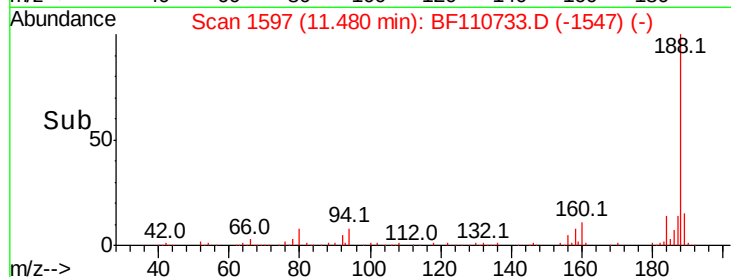
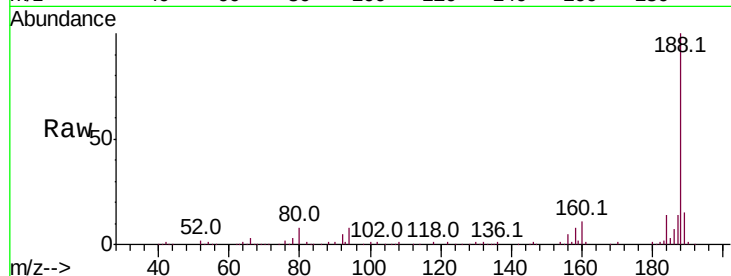
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Instrument :
BNA_F
ClientSampleId :
SR-7-S

Tot Ion	Ratio	Resp	Lower	Upper
188	100	221645		
94	8.5	7.2	10.8	
80	8.3	7.9	11.9	

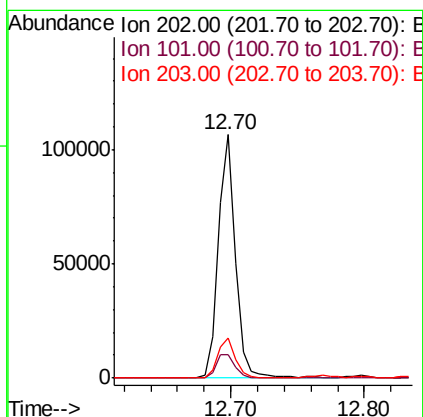
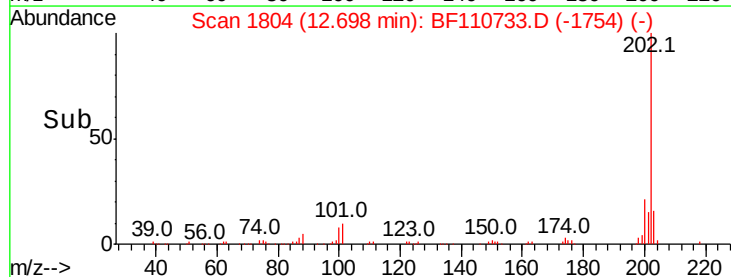
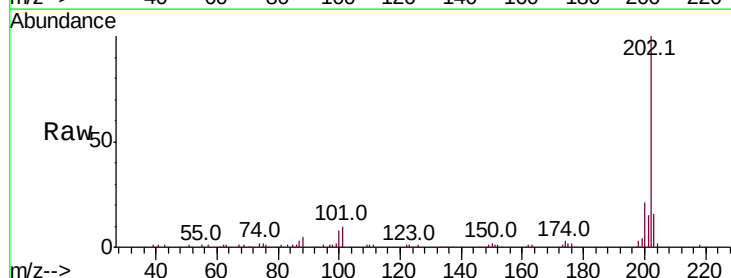
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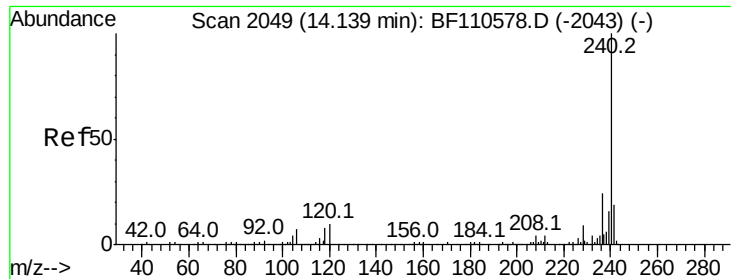
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#75
Fluoranthene
Concen: 8.164 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	97196		
101	9.9	0.0	31.4	
203	16.5	0.0	37.7	





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110733.D

Acq: 13 Nov 2018 21:44

Instrument :

BNA_F

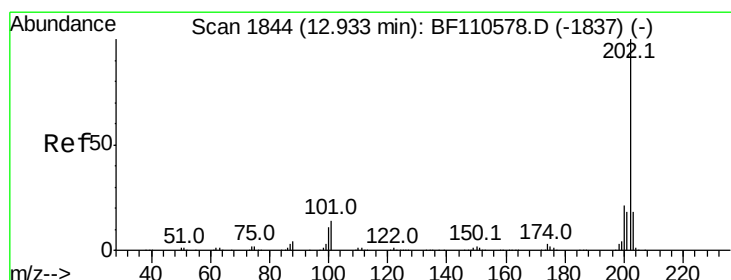
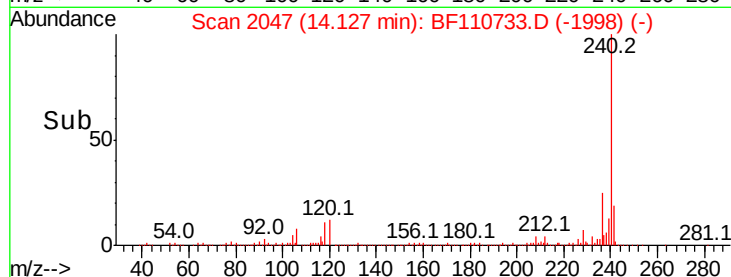
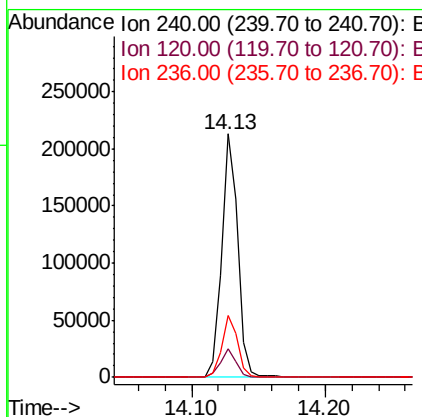
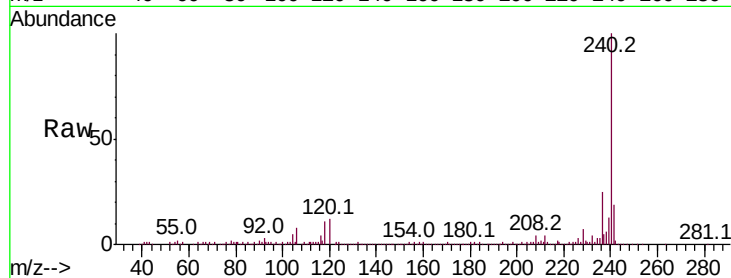
ClientSampled :

SR-7-S

Tot Ion:	240	Resp:	182505
Ion Ratio	Lower	Upper	
240	100		
120	11.6	8.3	12.5
236	25.3	21.2	31.8

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#78

Pyrene

Concen: 6.363 ng

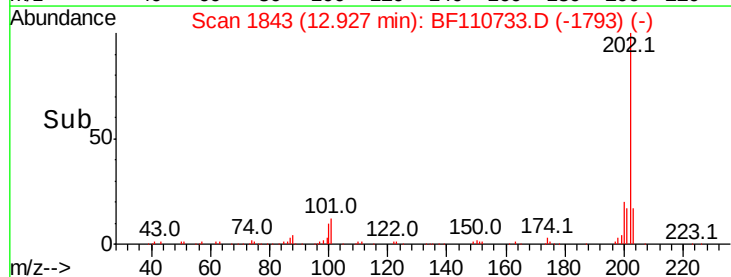
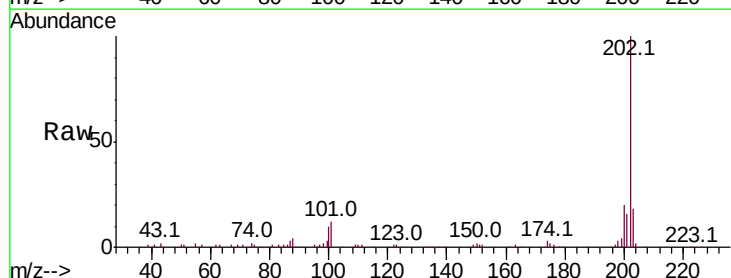
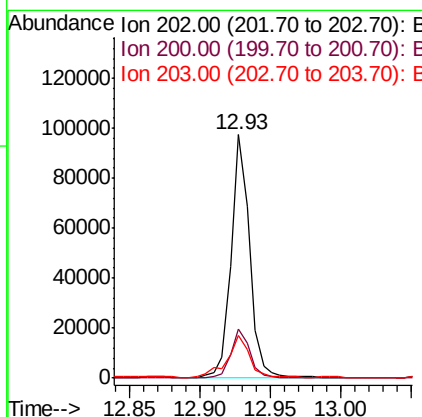
RT: 12.93 min Scan# 1843

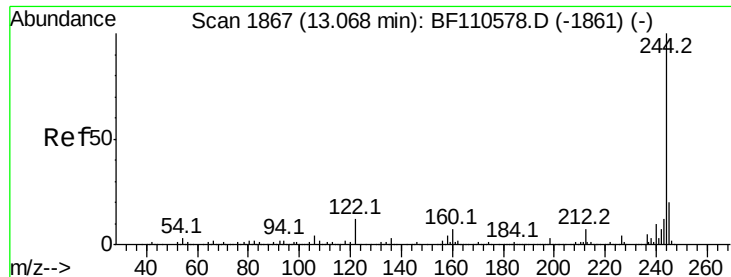
Delta R.T. -0.01 min

Lab File: BF110733.D

Acq: 13 Nov 2018 21:44

Tgt Ion:	202	Resp:	89413
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.8	26.6
203	17.6	14.2	21.4





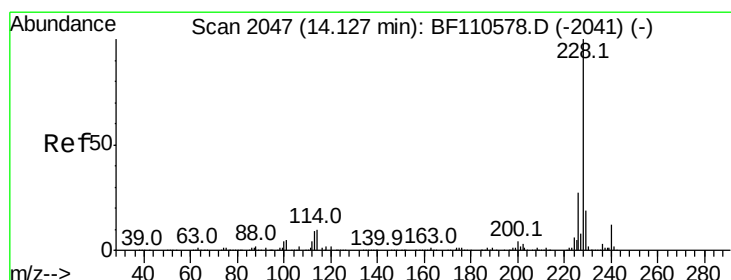
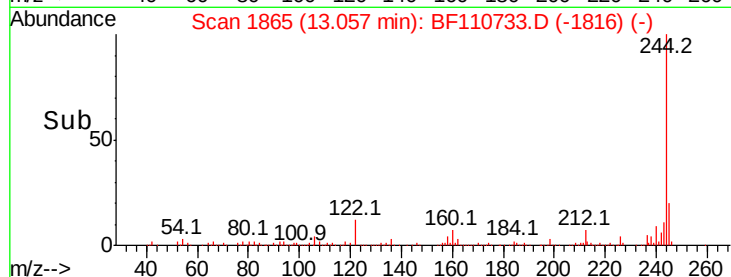
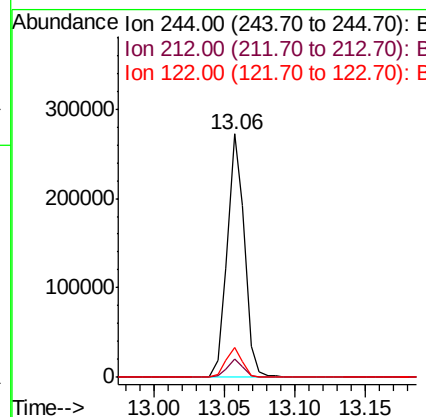
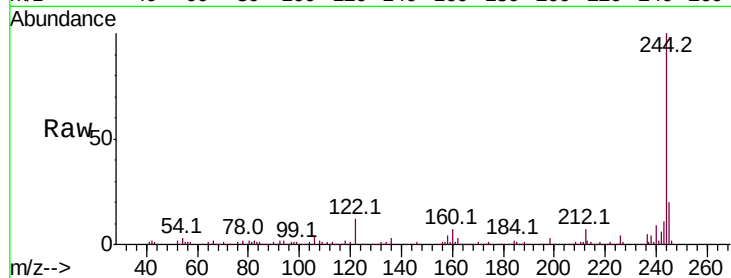
#79
 Terphenyl-d14
 Concen: 23.663 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF110733.D
 Acq: 13 Nov 2018 21:44

Instrument :
 BNA_F
 ClientSampled :
 SR-7-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	12.5	8.7	13.1

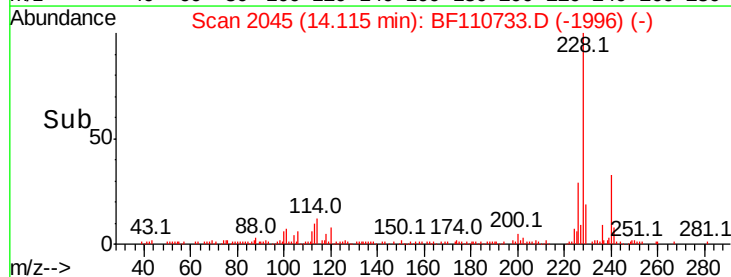
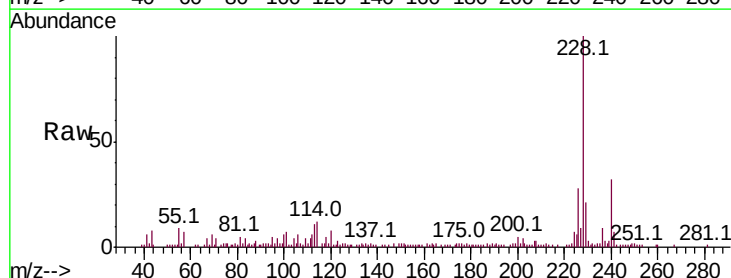
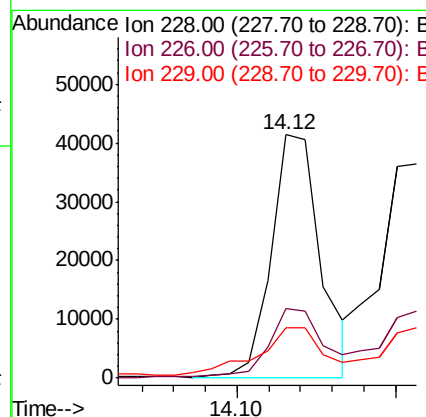
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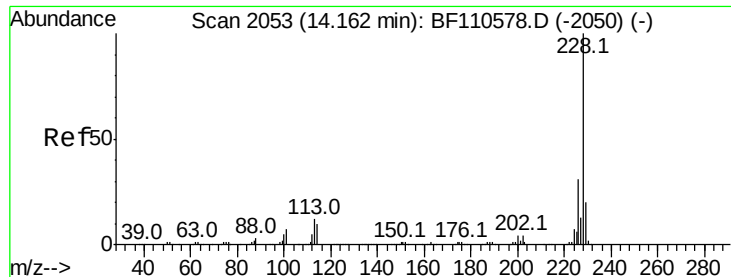
Sohil
 11/14/2018 1:52:27 PM



#81
 Benzo(a)anthracene
 Concen: 4.142 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BF110733.D
 Acq: 13 Nov 2018 21:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.1	33.1
229	20.6	15.6	23.4





#83

Chrysene

Concen: 4.060 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110733.D

Acq: 13 Nov 2018 21:44

Instrument :

BNA_F

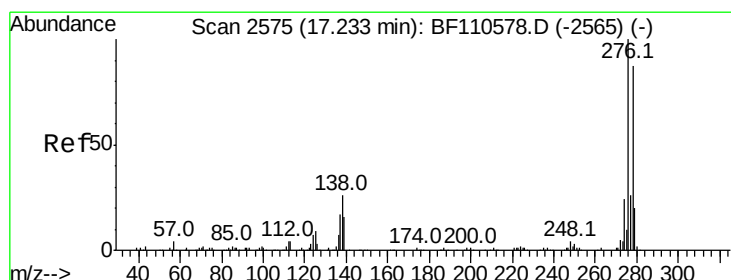
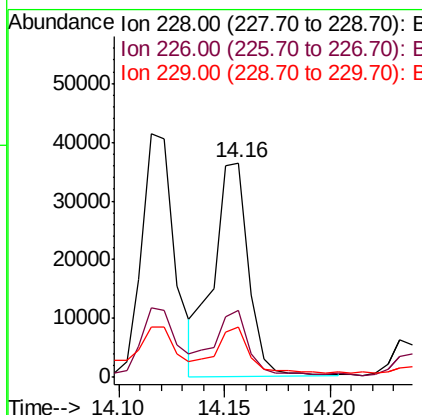
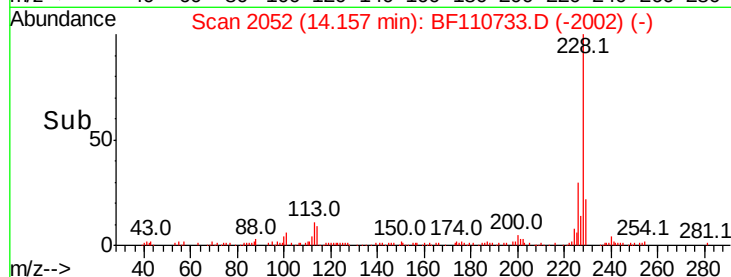
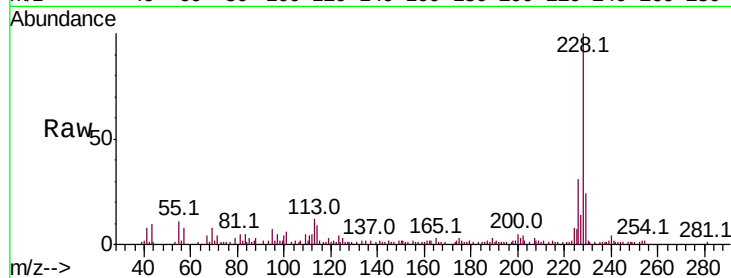
ClientSampled :

SR-7-S

Tot Ion:	228	Resp:	42197
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.7	37.1
229	23.5	15.9	23.9

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#86

Indeno(1,2,3-cd)pyrene

Concen: 2.971 ng

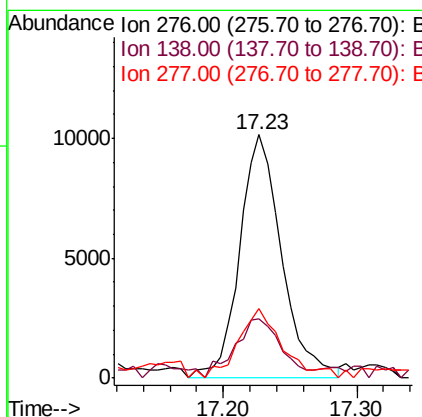
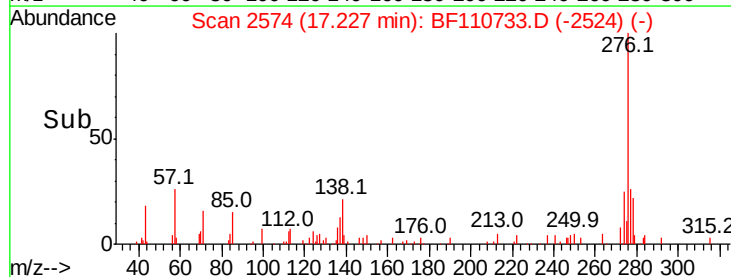
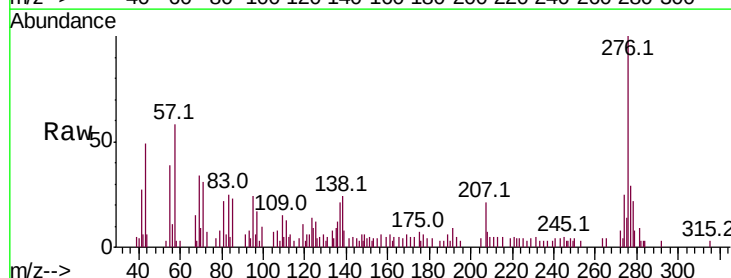
RT: 17.23 min Scan# 2574

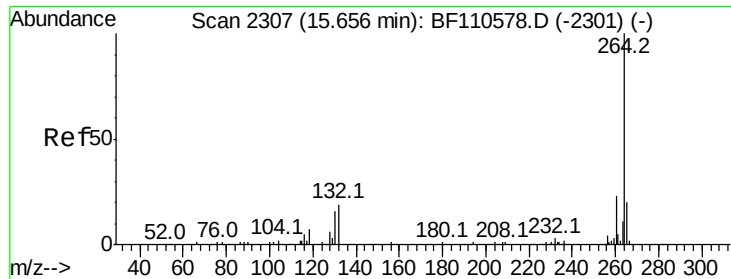
Delta R.T. -0.01 min

Lab File: BF110733.D

Acq: 13 Nov 2018 21:44

Tgt Ion:	276	Resp:	22159
Ion Ratio	Lower	Upper	
276	100		
138	27.1	18.5	27.7
277	29.9	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110733.D

Acq: 13 Nov 2018 21:44

Instrument :

BNA_F

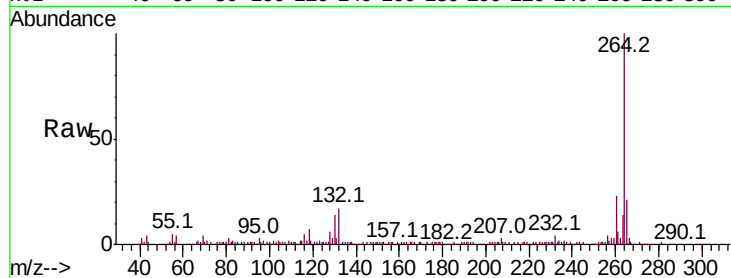
ClientSampled :

SR-7-S

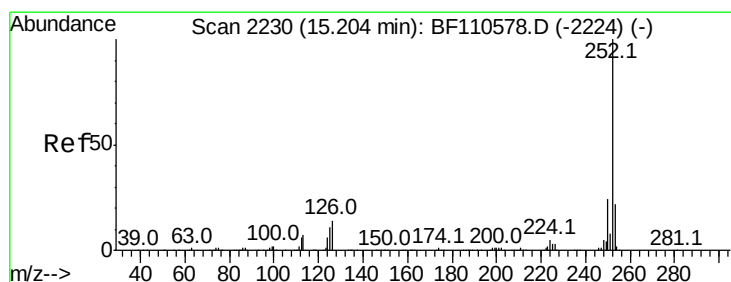
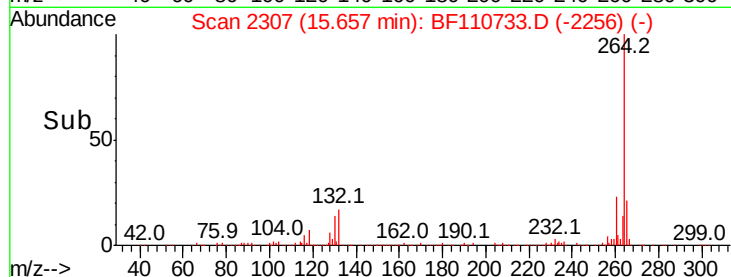
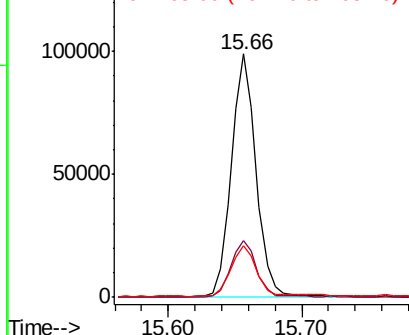
Tot Ion:	264	Resp:	128836
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.7	28.1
265	21.0	16.7	25.1

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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: 7.301 ng m

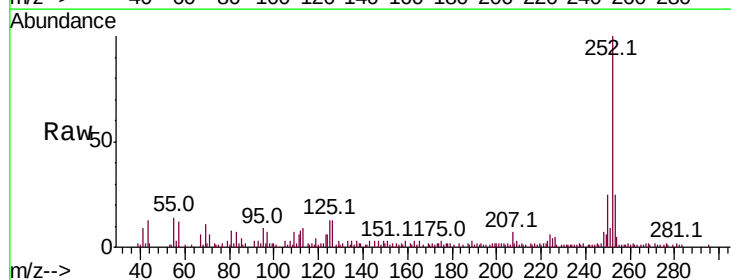
RT: 15.20 min Scan# 2230

Delta R.T. 0.00 min

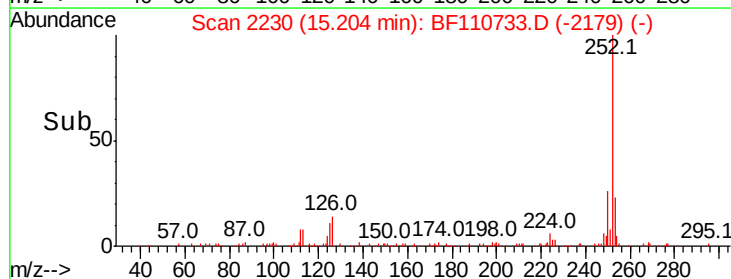
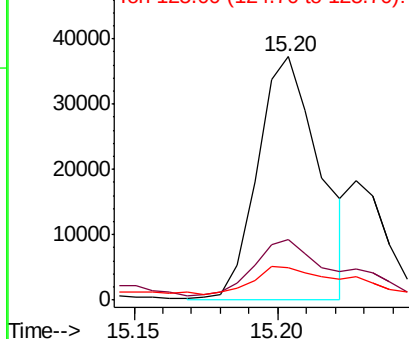
Lab File: BF110733.D

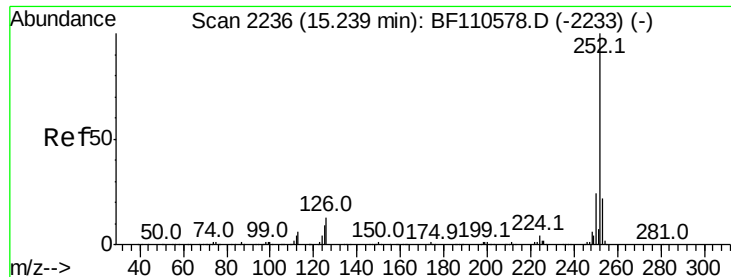
Acq: 13 Nov 2018 21:44

Tgt Ion:	252	Resp:	56268
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.2	25.8
125	13.5	8.2	12.4#



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





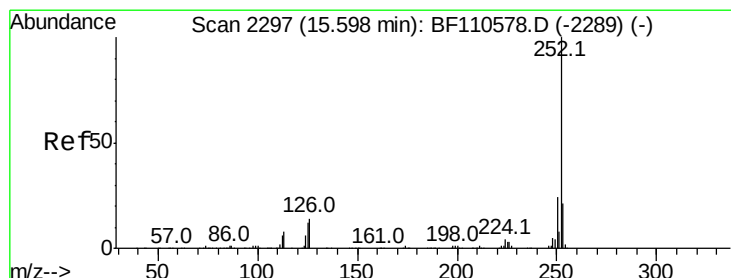
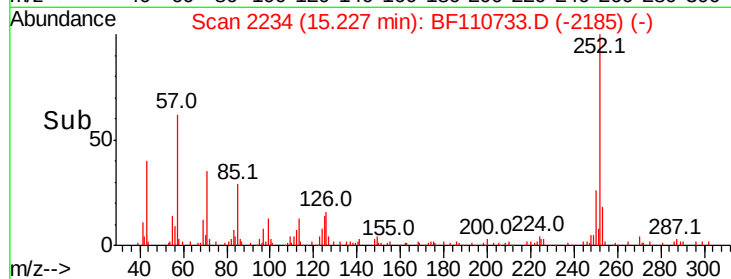
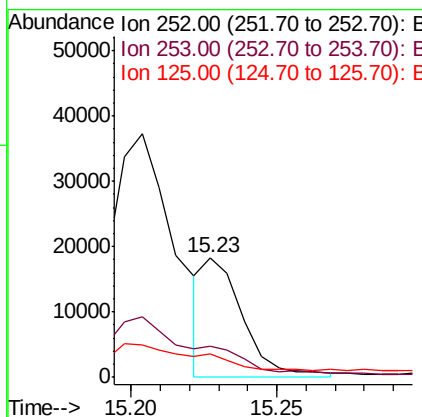
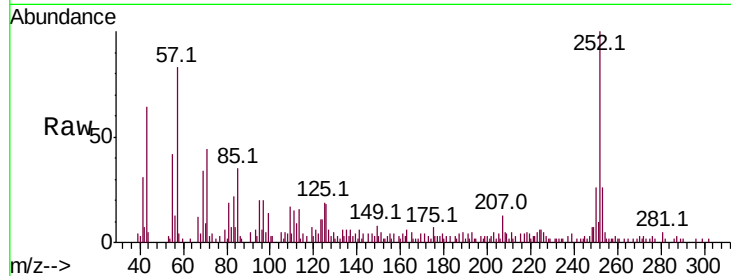
#89
Benzo(k)fluoranthene
Concen: 2.311 ng m
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Instrument :
BNA_F
ClientSampled :
SR-7-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.2	25.8#
125	19.1	7.4	11.0#

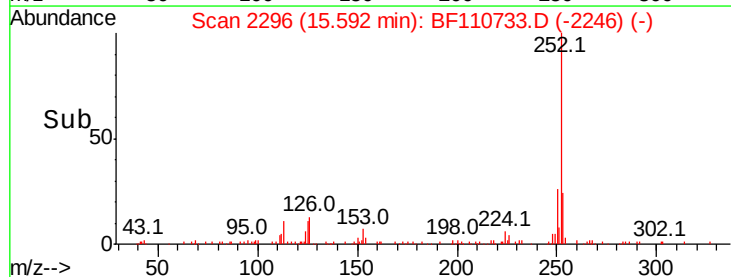
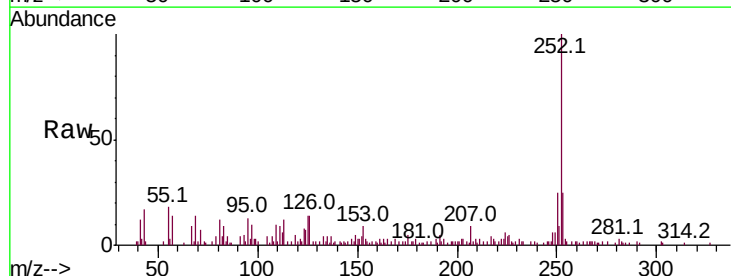
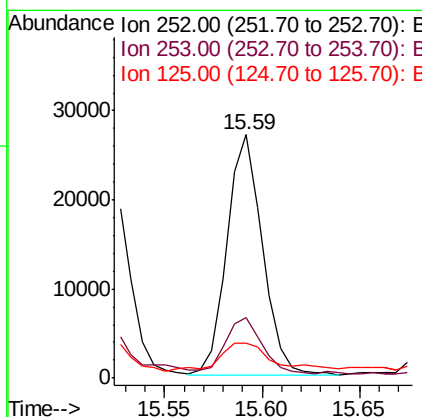
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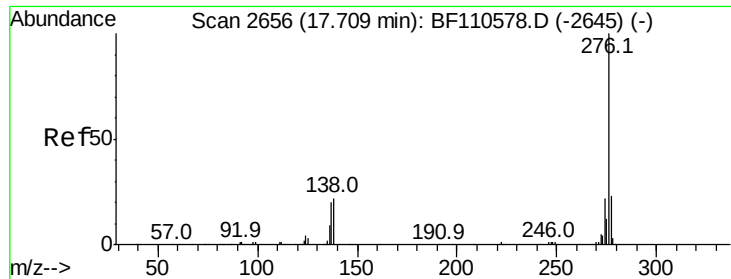
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#90
Benzo(a)pyrene
Concen: 4.870 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.4
125	14.2	9.0	13.6#





#92
 Benzo(a,h,i)perylene
 Concen: 3.661 ng
 RT: 17.71 min Scan# 2656
 Delta R.T. 0.00 min
 Lab File: BF110733.D
 Acq: 13 Nov 2018 21:44

Instrument :
 BNA_F
 ClientSampleId :
 SR-7-S

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.6	18.8	28.2#
138	24.3	16.0	24.0#

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