

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110617.D
 Acq On : 9 Nov 2018 10:31
 Operator : JU/SJ
 Sample : J5813-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-D

Manual Integrations
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 11/12/2018 10:29:53 AM

Quant Time: Nov 09 15:53:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	80112	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	314650	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	129016	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	194701	20.00	ng	0.00
76) Chrysene-d12	14.13	240	160542	20.00	ng	-0.01
87) Perylene-d12	15.66	264	125295	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	537526	108.99	ng	0.00
7) Phenol-d6	6.57	99	670550	106.32	ng	0.00
23) Nitrobenzene-d5	7.51	82	426514	78.06	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	92833	71.41	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	711739	78.79	ng	0.00
79) Terphenyl-d14	13.06	244	470842	54.92	ng	0.00
Target Compounds						
10) Phenol	6.58	94	43012	5.881	ng	Qvalue # 71
50) Dimethylphthalate	9.69	163	99900	10.377	ng	99
71) Phenanthrene	11.50	178	21942	2.104	ng	97
75) Fluoranthene	12.70	202	46589	4.455	ng	98
78) Pyrene	12.93	202	40716	3.294	ng	99
83) Chrysene	14.16	228	20928	2.289	ng	95
88) Benzo(b)fluoranthene	15.20	252	27032m	3.606	ng	
90) Benzo(a)pyrene	15.59	252	15077	2.214	ng	# 84

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

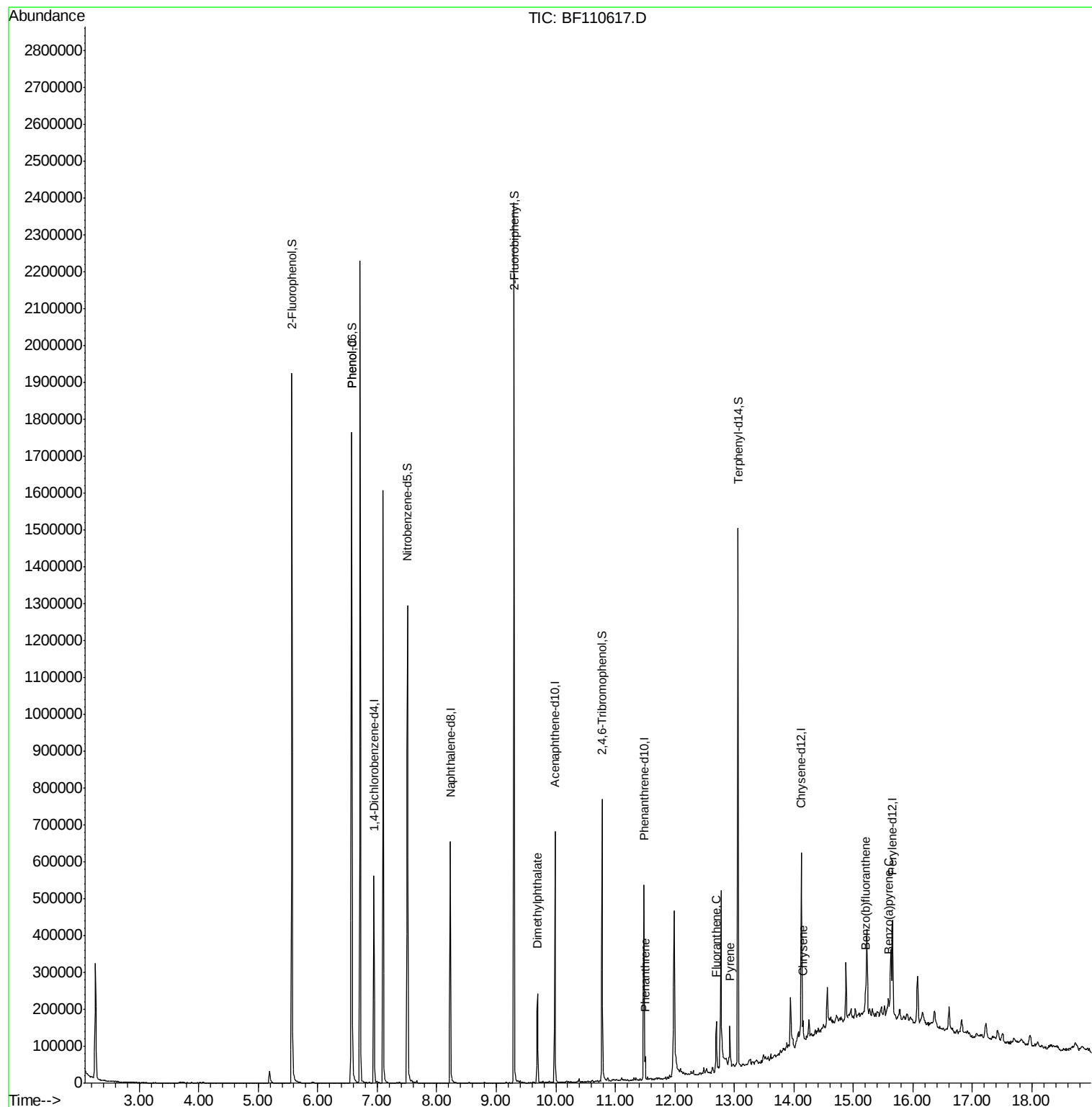
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110617.D
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Operator : JU/SJ
Sample : J5813-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

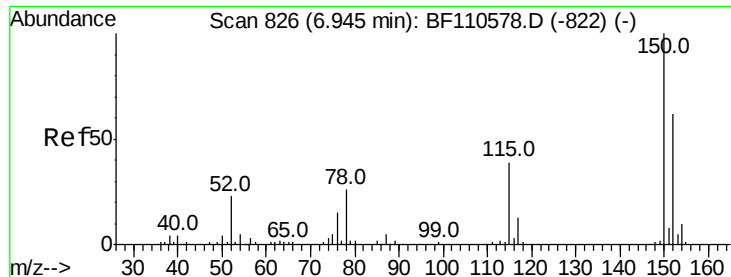
Instrument :
BNA_F
ClientSampleId :
TS-D

Quant Time: Nov 09 15:53:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
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#1

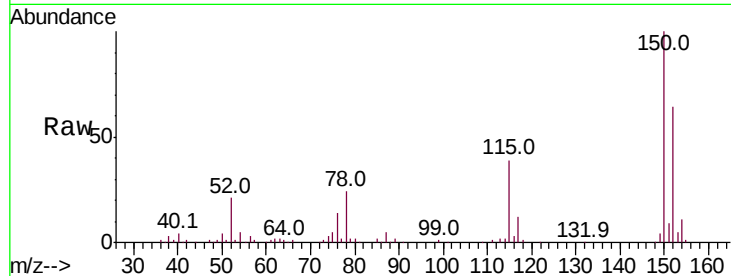
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF110617.D
Acq: 9 Nov 2018 10:31

Instrument :
BNA_F
ClientSampled :
TS-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	122.7	184.1
115	60.3	49.1	73.7

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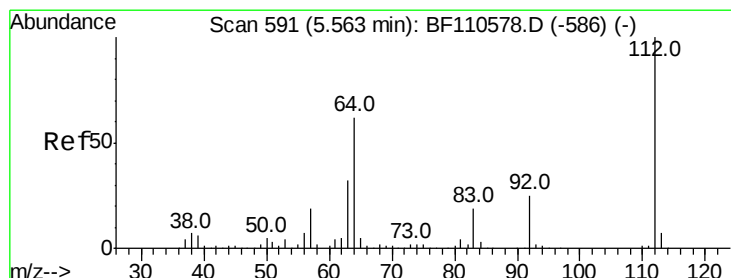
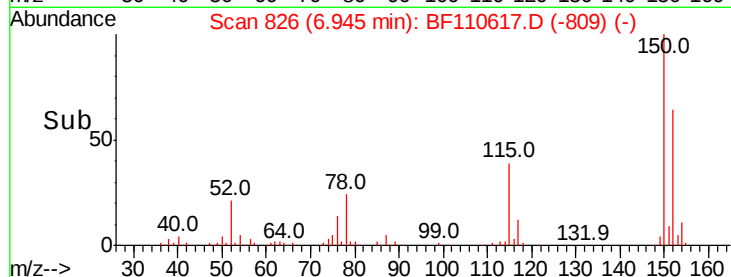
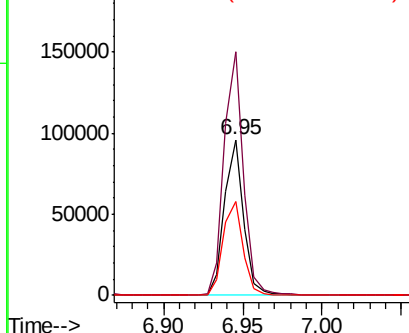


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

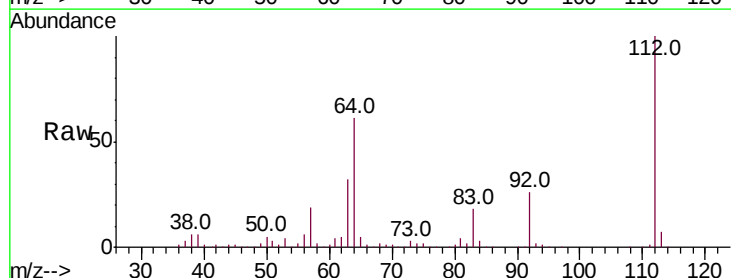
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 108.986 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110617.D
Acq: 9 Nov 2018 10:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	44.1	66.1
63	32.0	23.7	35.5

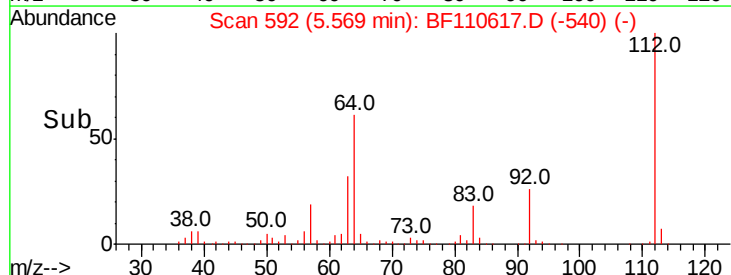
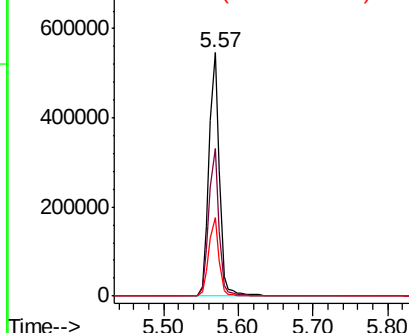


Abundance

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: 106.320 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF110617.D

Acq: 9 Nov 2018 10:31

Instrument :

BNA_F

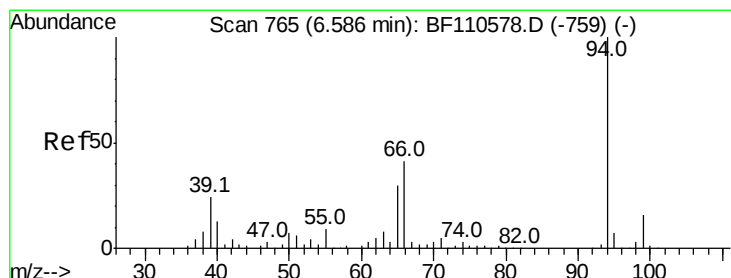
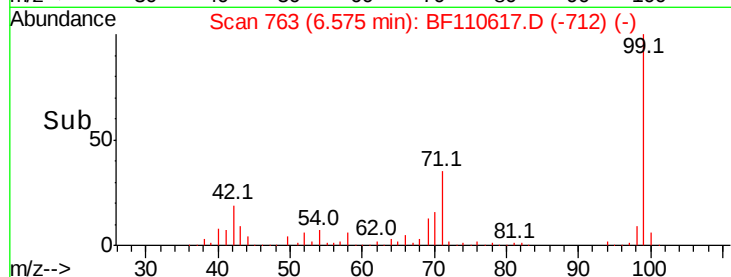
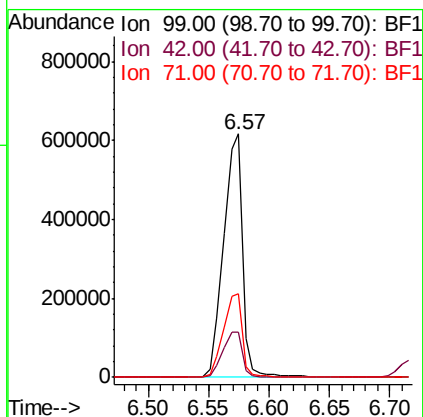
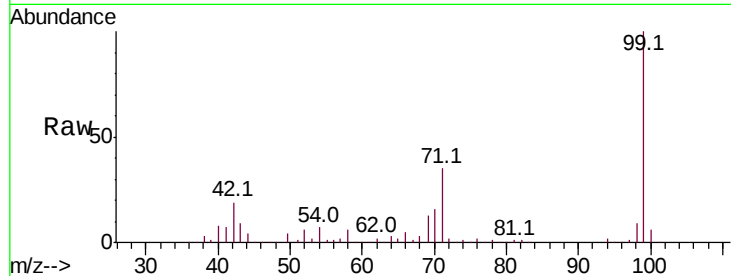
ClientSampled :

TS-D

Tot Ion:	99	Resp:	670550
Ion Ratio	Lower	Upper	
99	100		
42	18.7	15.8	23.6
71	34.5	28.0	42.0

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#10

Phenol

Concen: 5.881 ng

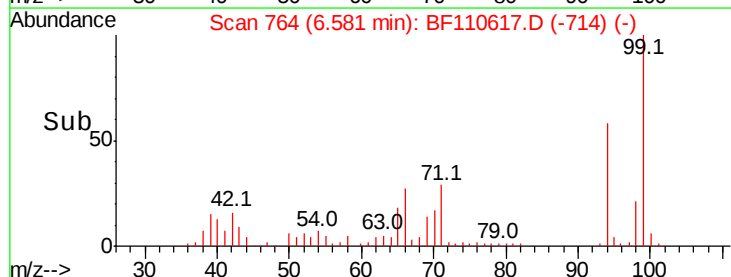
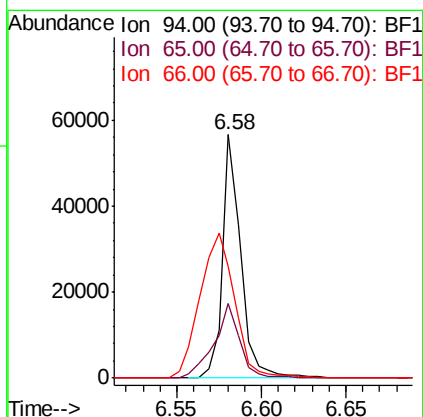
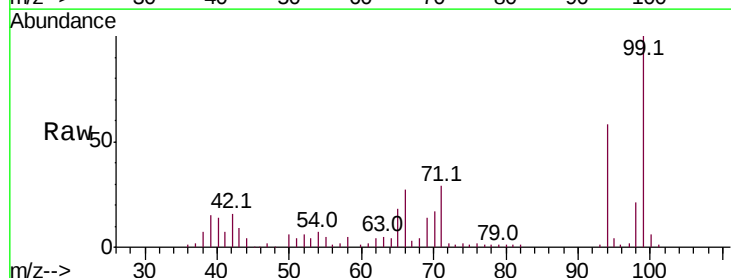
RT: 6.58 min Scan# 764

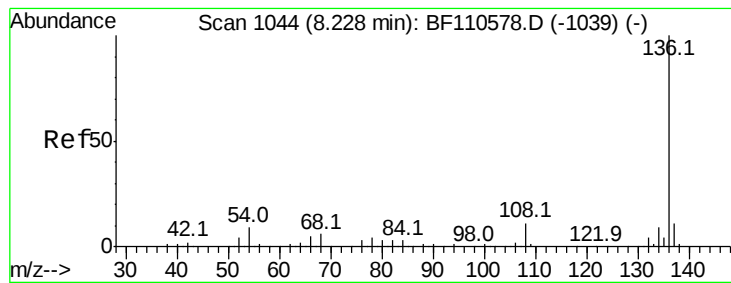
Delta R.T. -0.01 min

Lab File: BF110617.D

Acq: 9 Nov 2018 10:31

Tgt Ion:	94	Resp:	43012
Ion Ratio	Lower	Upper	
94	100		
65	30.9	25.3	65.3
66	46.1	54.5	94.5#





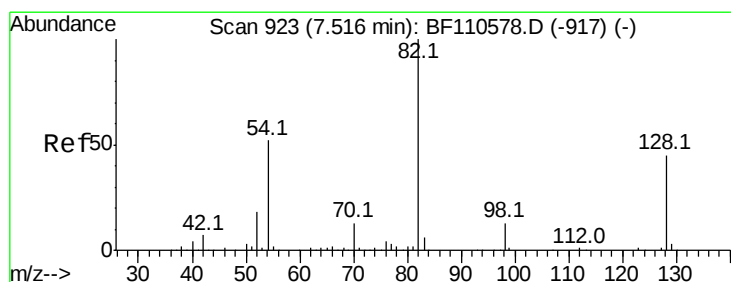
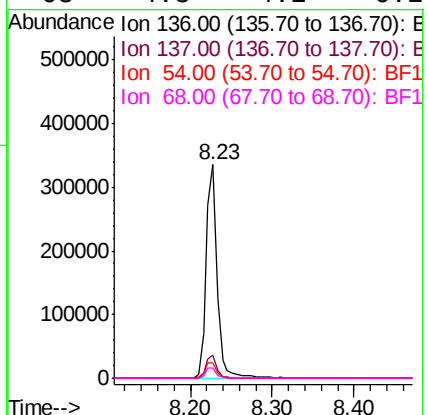
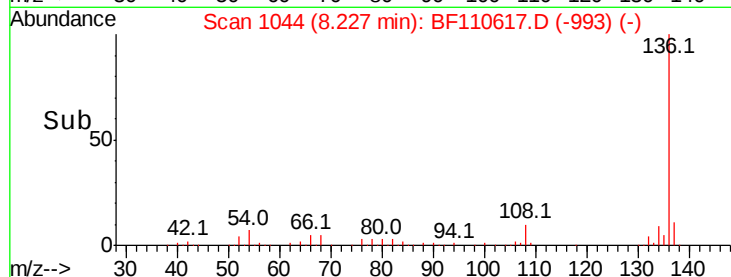
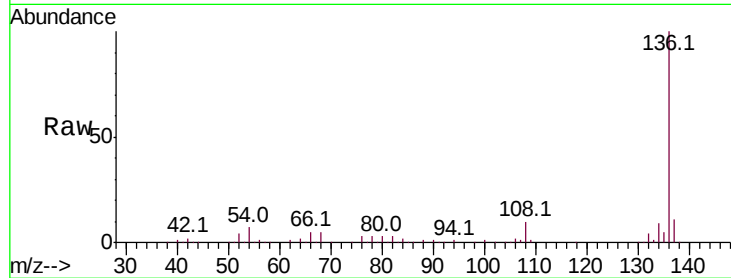
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF110617.D
Acq: 9 Nov 2018 10:31

Instrument :
BNA_F
ClientSampleID :
TS-D

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.8	13.2	
54	7.3	5.4	8.2	
68	4.8	4.2	6.2	

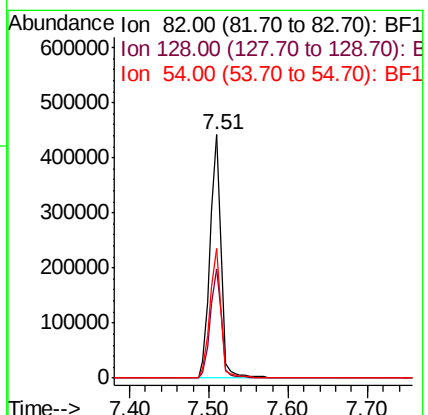
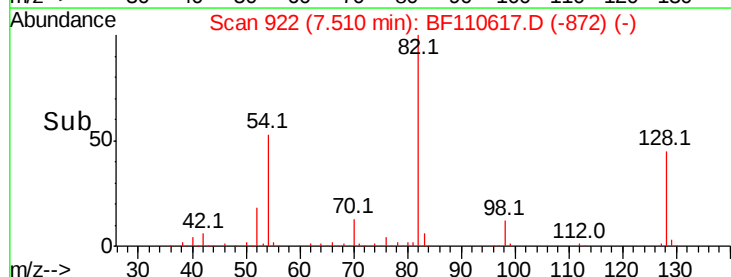
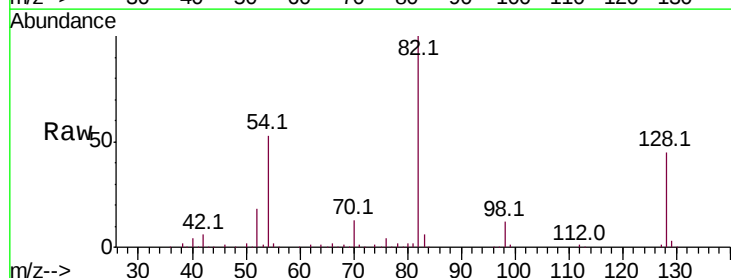
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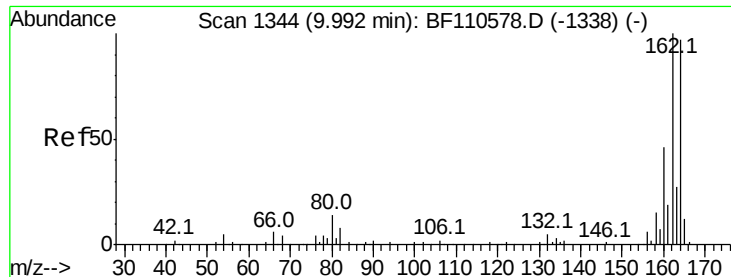
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#23
Nitrobenzene-d5
Concen: 78.064 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110617.D
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Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.7	34.2	51.2	
54	53.4	38.6	58.0	





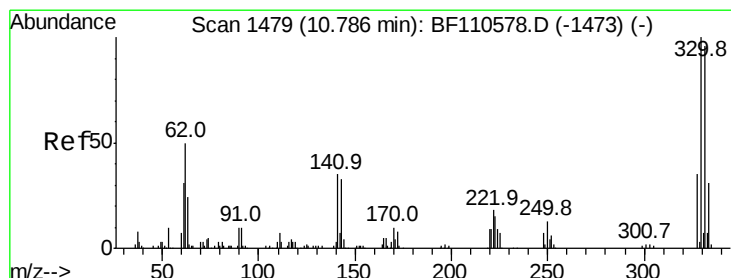
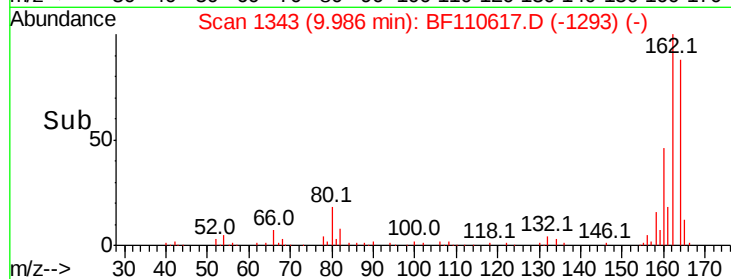
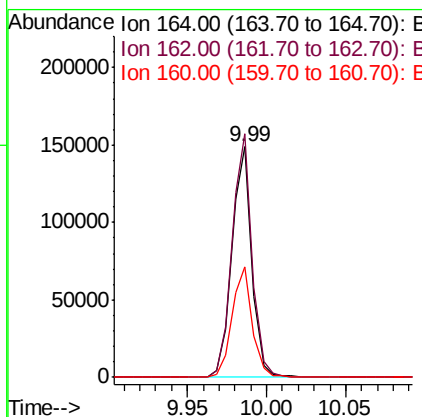
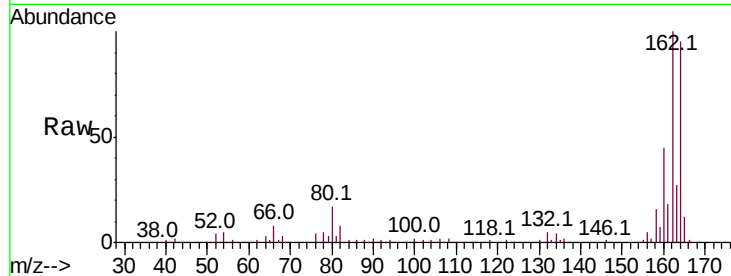
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110617.D
Acq: 9 Nov 2018 10:31

Instrument :
BNA_F
ClientSampleId :
TS-D

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.0	124.6
160	47.9	37.0	55.6

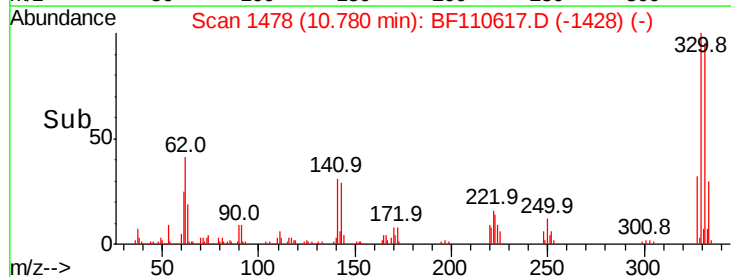
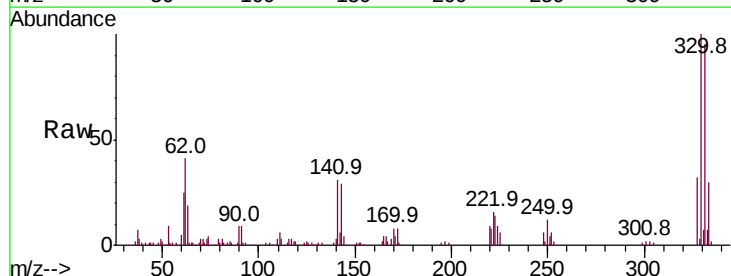
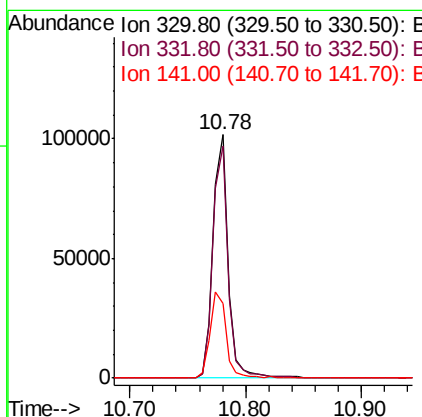
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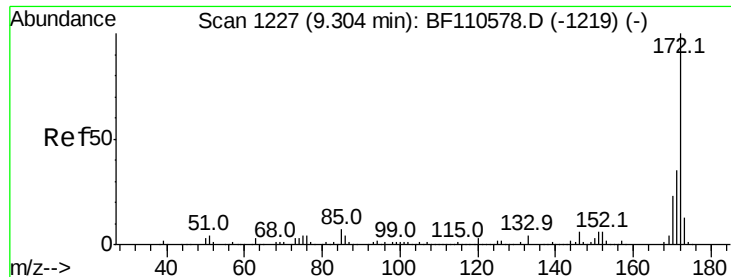
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#42
2,4,6-Tribromophenol
Concen: 71.410 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110617.D
Acq: 9 Nov 2018 10:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	37.4	27.0	40.4





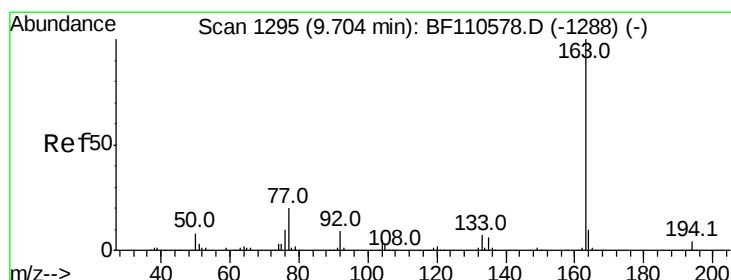
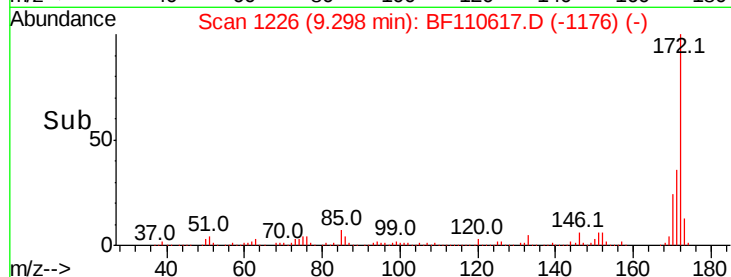
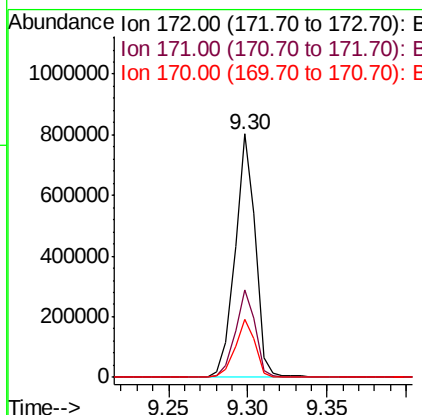
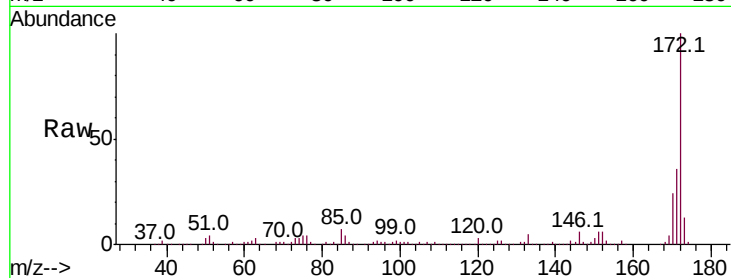
#45
2-Fluorobiphenyl
Concen: 78.788 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110617.D
Acq: 9 Nov 2018 10:31

Instrument :
BNA_F
ClientSampleId :
TS-D

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.0	19.7	29.5

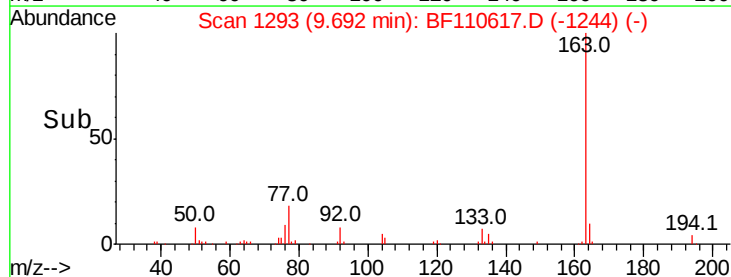
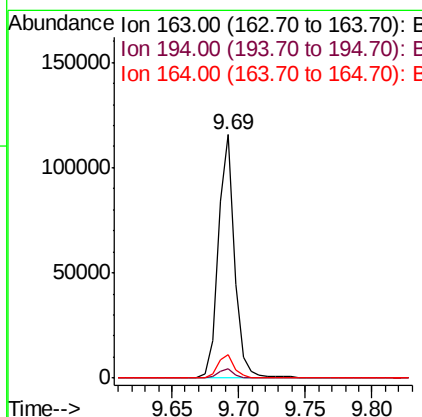
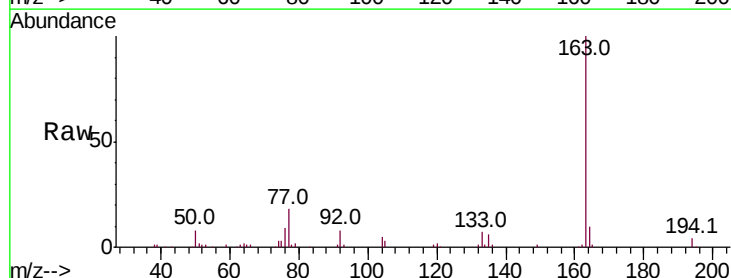
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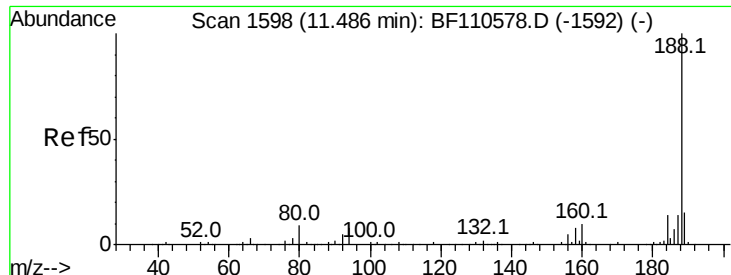
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#50
Dimethylphthalate
Concen: 10.377 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110617.D
Acq: 9 Nov 2018 10:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.5	8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110617.D

Acq: 9 Nov 2018 10:31

Instrument :

BNA_F

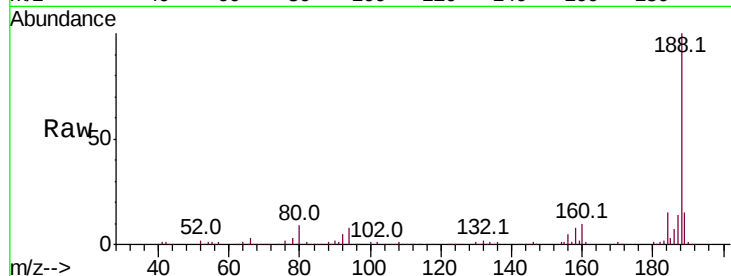
ClientSampled :

TS-D

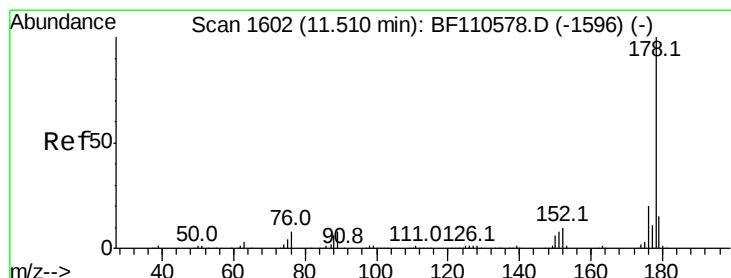
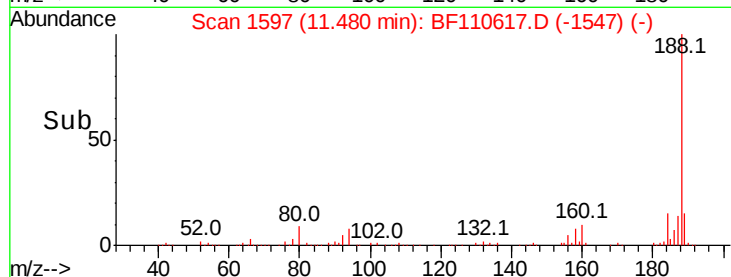
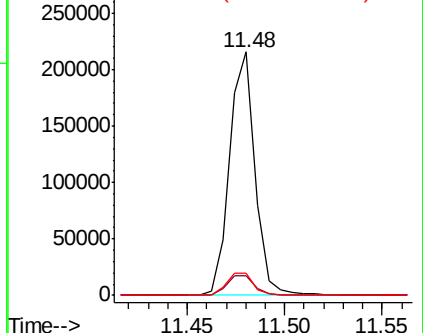
Tot Ion:	188	Resp:	194701
Ion Ratio	Lower	Upper	
188	100		
94	8.1	7.2	10.8
80	9.1	7.9	11.9

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 2.104 ng

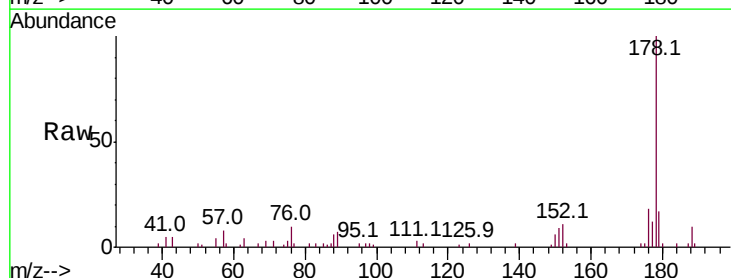
RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

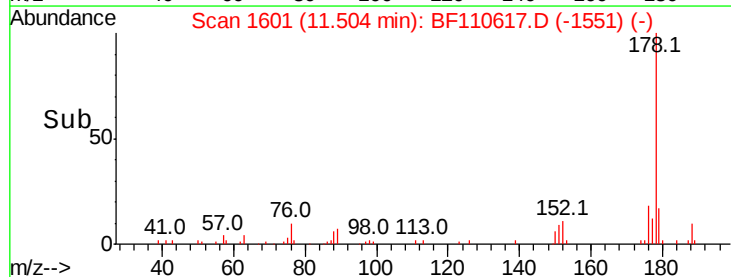
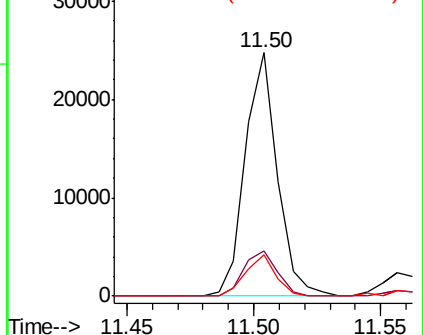
Lab File: BF110617.D

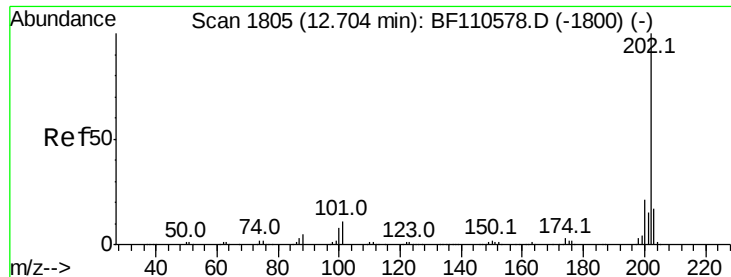
Acq: 9 Nov 2018 10:31

Tgt Ion:	178	Resp:	21942
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.5	23.3
179	16.9	12.5	18.7



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: 4.455 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110617.D

Acq: 9 Nov 2018 10:31

Instrument :

BNA_F

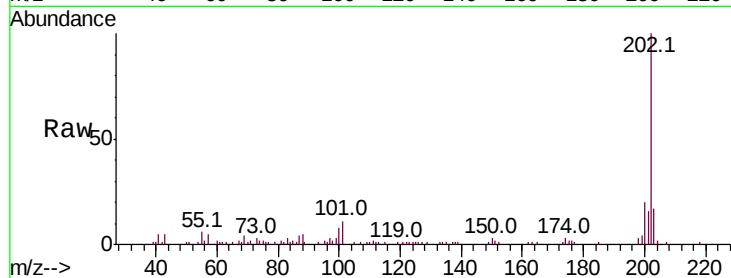
ClientSampleId :

TS-D

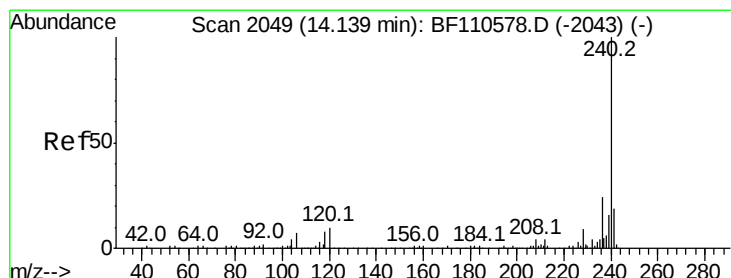
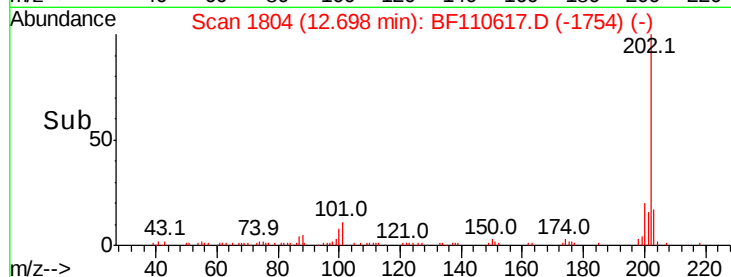
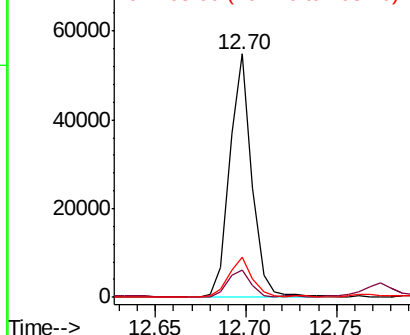
Tot Ion:	202	Resp:	46589
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	31.4
203	16.6	0.0	37.7

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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: 14.13 min Scan# 2047

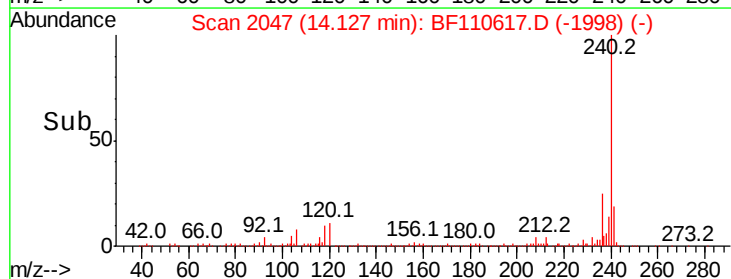
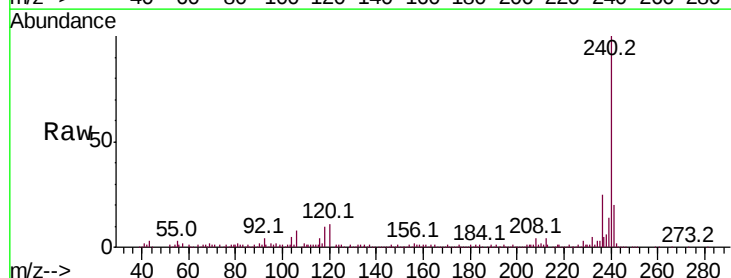
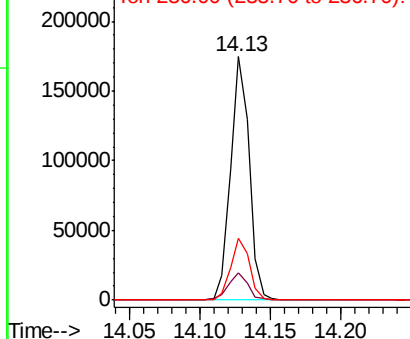
Delta R.T. -0.01 min

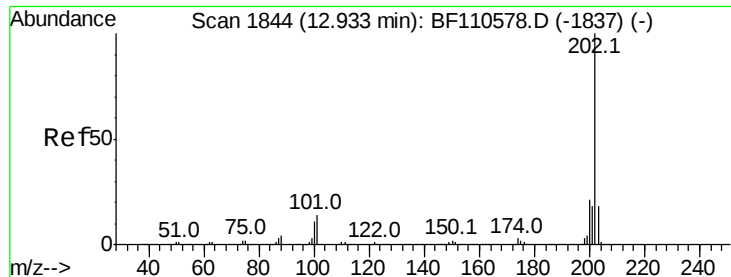
Lab File: BF110617.D

Acq: 9 Nov 2018 10:31

Tgt Ion:	240	Resp:	160542
Ion Ratio	Lower	Upper	
240	100		
120	11.4	8.3	12.5
236	25.5	21.2	31.8

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





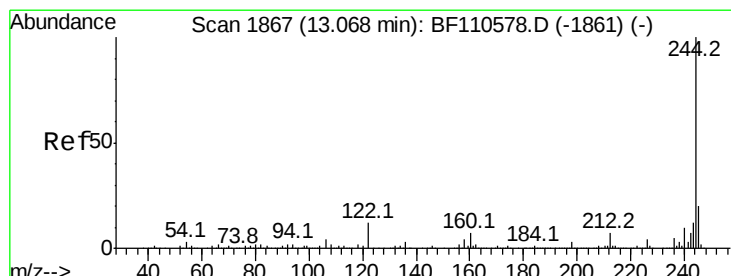
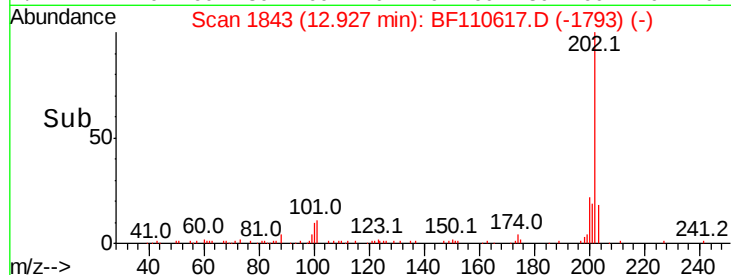
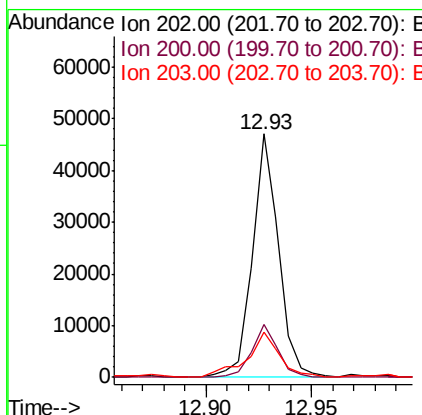
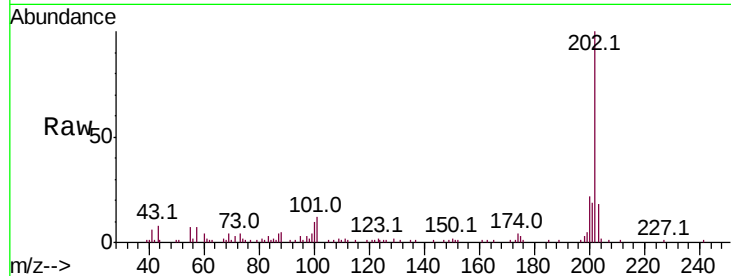
#78
Pvrene
Concen: 3.294 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110617.D
Acq: 9 Nov 2018 10:31

Instrument :
BNA_F
ClientSampleId :
TS-D

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.8	26.6
203	18.4	14.2	21.4

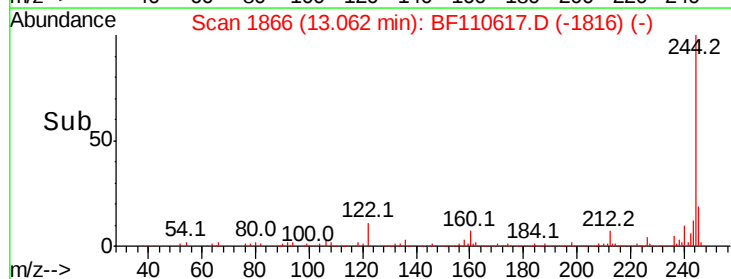
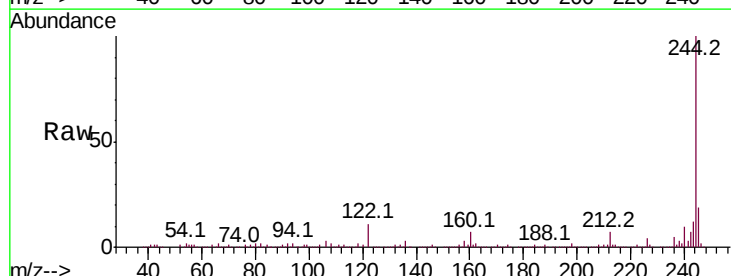
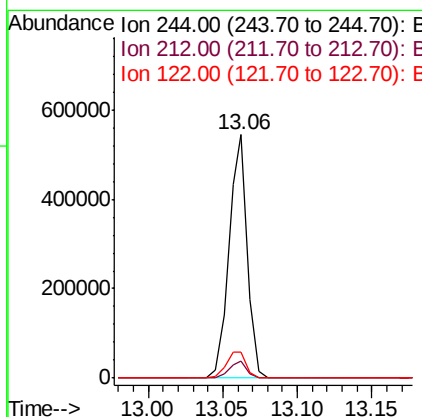
Manual Integrations
APPROVED

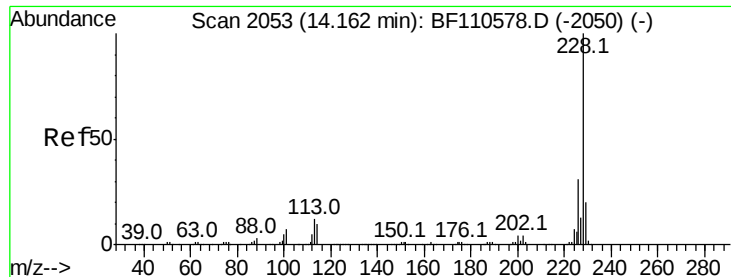
Sohil
11/12/2018 10:29:53 AM



#79
Terphenyl-d14
Concen: 54.925 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110617.D
Acq: 9 Nov 2018 10:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.9	8.7	13.1





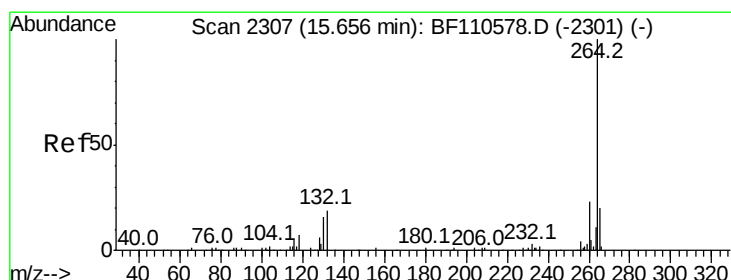
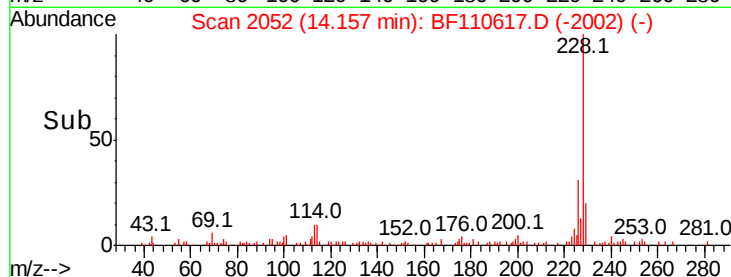
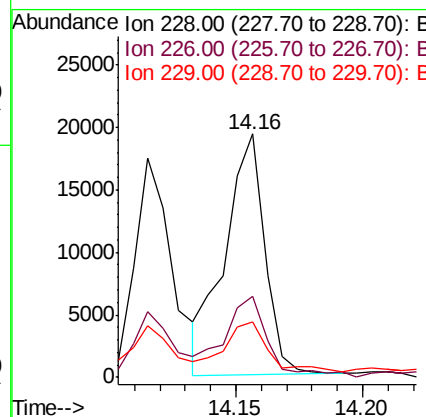
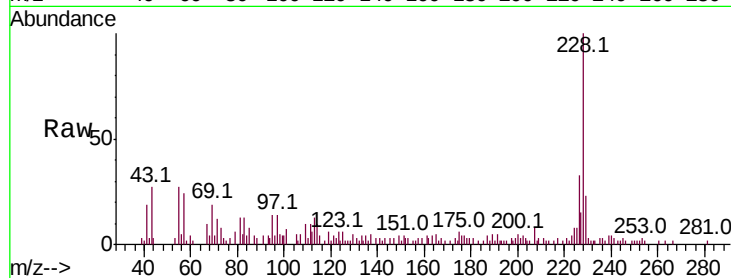
#83
 Chrysene
 Concen: 2.289 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF110617.D
 Acq: 9 Nov 2018 10:31

Instrument :
 BNA_F
 ClientSampled :
 TS-D

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.7	37.1
229	22.6	15.9	23.9

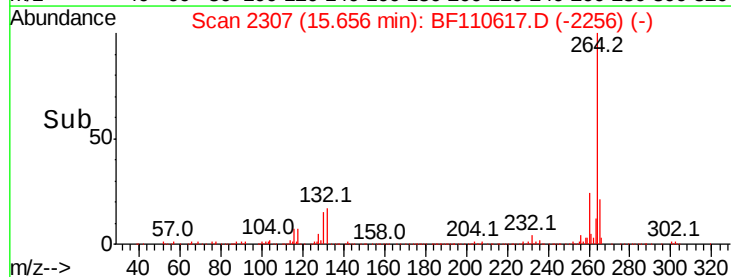
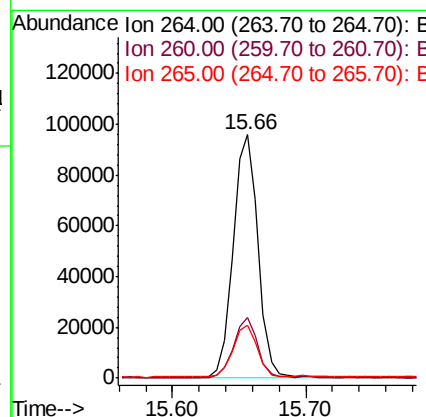
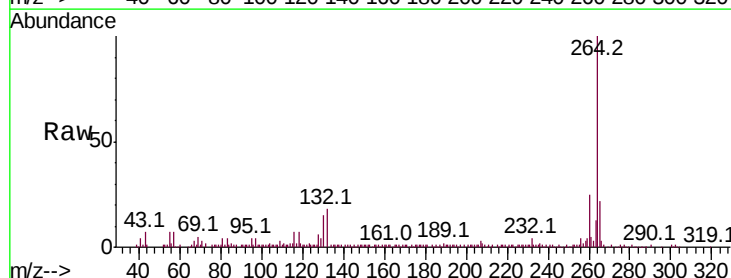
Manual Integrations
 APPROVED

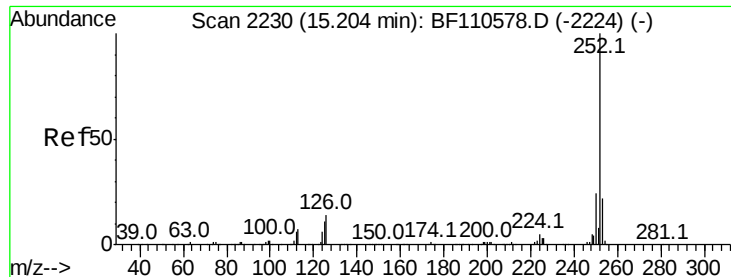
Sohil
 11/12/2018 10:29:53 AM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: BF110617.D
 Acq: 9 Nov 2018 10:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	21.8	16.7	25.1





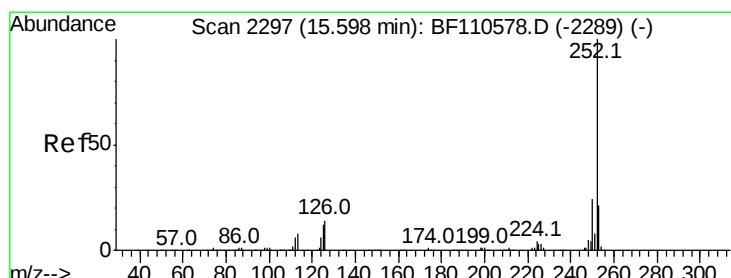
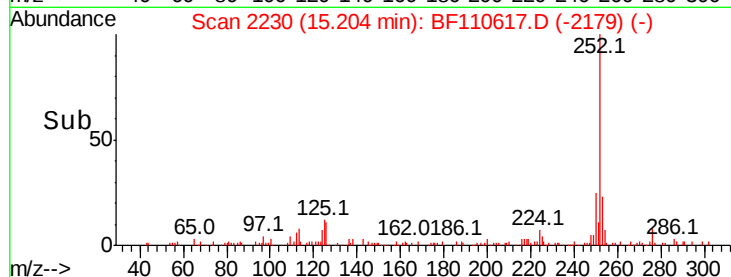
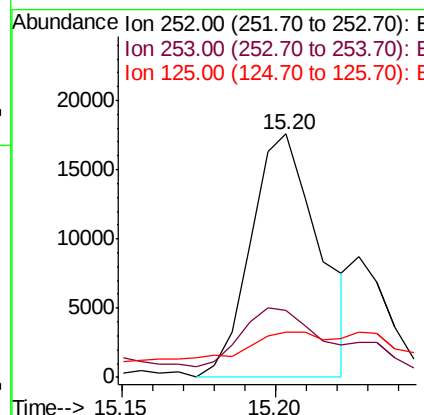
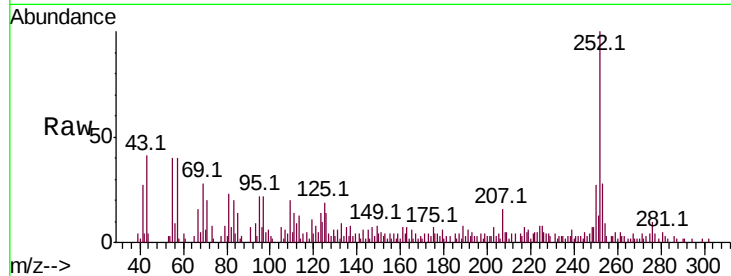
#88
Benzo(b)fluoranthene
Concen: 3.606 ng m
RT: 15.20 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BF110617.D
Acq: 9 Nov 2018 10:31

Instrument :
BNA_F
ClientSampled :
TS-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.2	25.8#
125	18.7	8.2	12.4#

Manual Integrations
APPROVED

Sohil
11/12/2018 10:29:53 AM



#90
Benzo(a)pyrene
Concen: 2.214 ng
RT: 15.59 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF110617.D
Acq: 9 Nov 2018 10:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.1	18.2	27.4#
125	21.1	9.0	13.6#

