

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
 Data File : BF110729.D
 Acq On : 13 Nov 2018 19:54
 Operator : JU/SJ
 Sample : J5925-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1S

Manual Integrations
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 11/14/2018 1:52:22 PM

Quant Time: Nov 14 05:52:42 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	85015	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	338552	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	145642	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	220980	20.00	ng	0.00
76) Chrysene-d12	14.13	240	158192	20.00	ng	-0.01
87) Perylene-d12	15.66	264	147350	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	590857	112.89	ng	0.00
7) Phenol-d6	6.57	99	747211	111.64	ng	0.00
23) Nitrobenzene-d5	7.51	82	469742	79.91	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	144731	98.62	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	763105	74.83	ng	0.00
79) Terphenyl-d14	13.06	244	491259	58.16	ng	-0.01
Target Compounds						
10) Phenol	6.58	94	32814	4.228	ng	Qvalue # 74
50) Dimethylphthalate	9.69	163	128589	11.833	ng	99
71) Phenanthrene	11.50	178	24914	2.104	ng	99
75) Fluoranthene	12.70	202	36414	3.068	ng	99
78) Pyrene	12.93	202	38681	3.176	ng	99
81) Benzo(a)anthracene	14.12	228	21688	2.294	ng	95
83) Chrysene	14.16	228	20561	2.283	ng	96
88) Benzo(b)fluoranthene	15.20	252	21010m	2.383	ng	
90) Benzo(a)pyrene	15.59	252	16471	2.057	ng	# 94

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

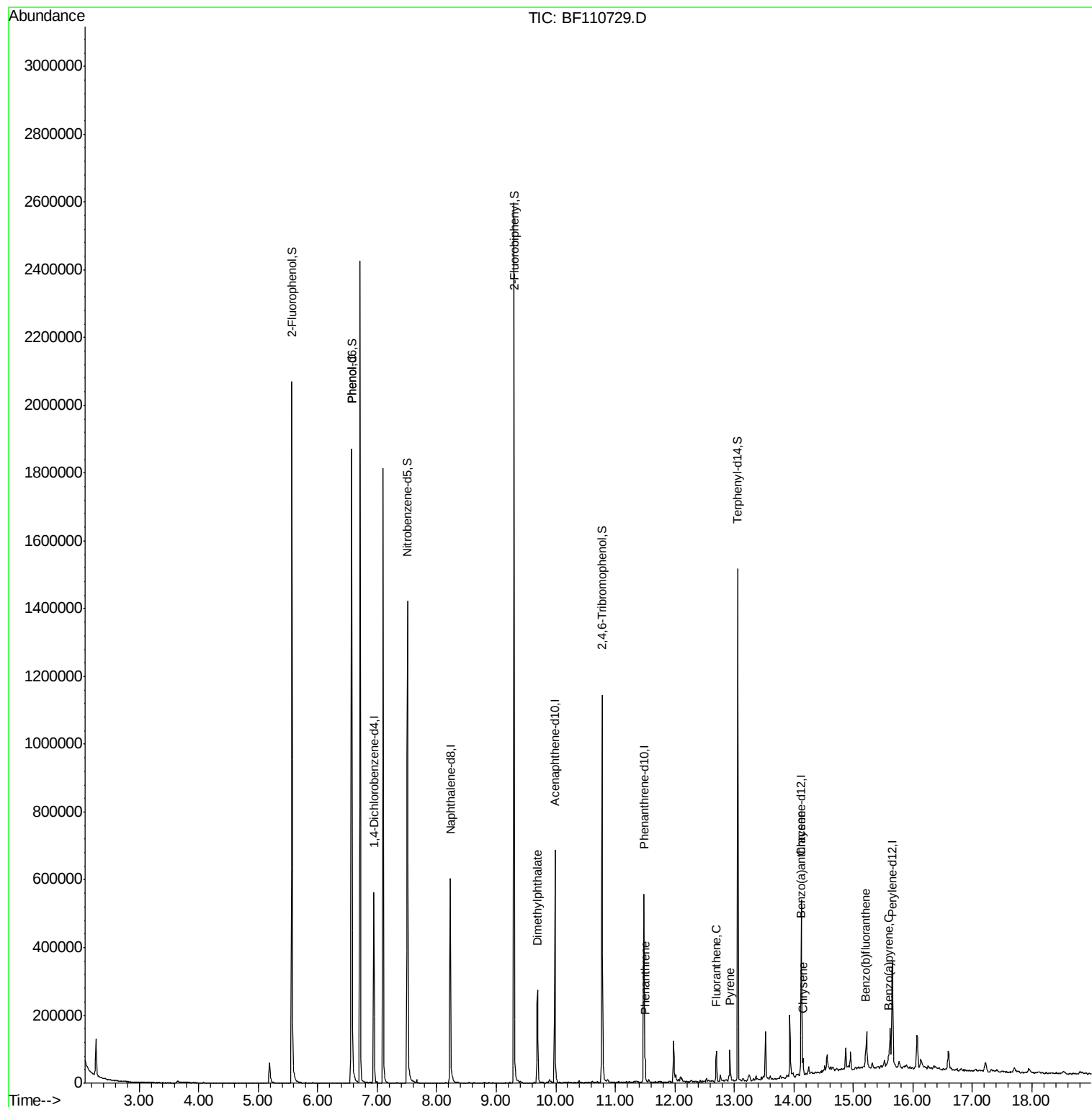
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110729.D
Acq On : 13 Nov 2018 19:54
Operator : JU/SJ
Sample : J5925-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

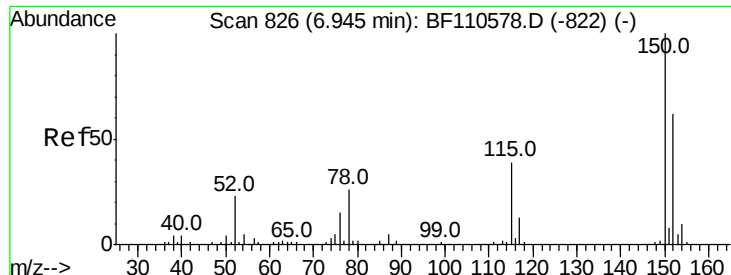
Instrument :
BNA_F
ClientSampleId :
TP-1S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

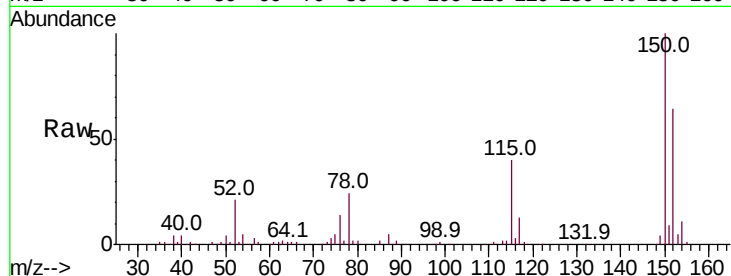
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110729.D
Acq: 13 Nov 2018 19:54

Instrument :
BNA_F
ClientSampled :
TP-1S

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	122.7	184.1
115	62.2	49.1	73.7

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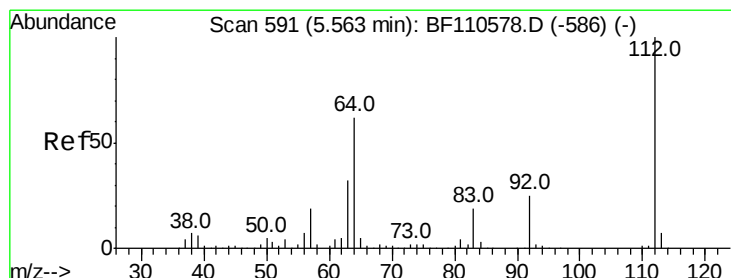
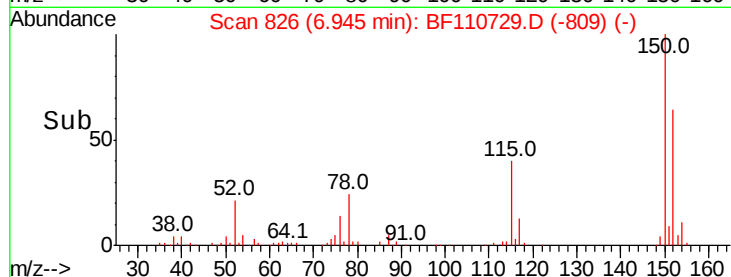
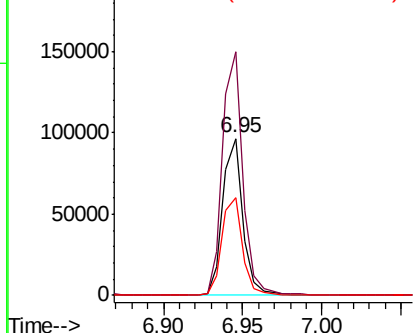


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

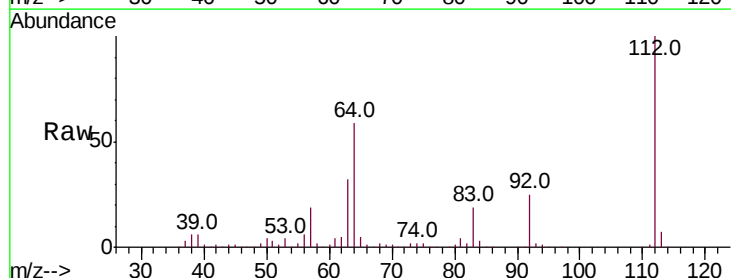
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 112.890 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110729.D
Acq: 13 Nov 2018 19:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	44.1	66.1
63	32.1	23.7	35.5

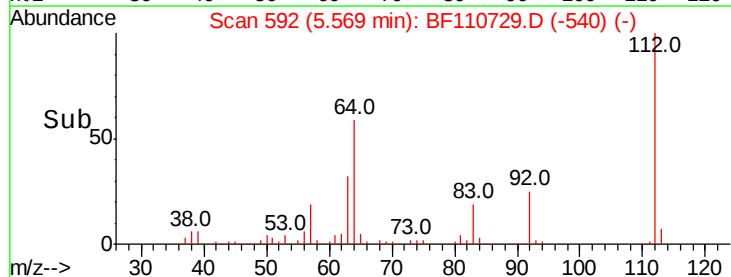
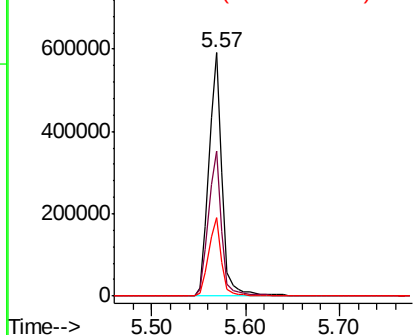


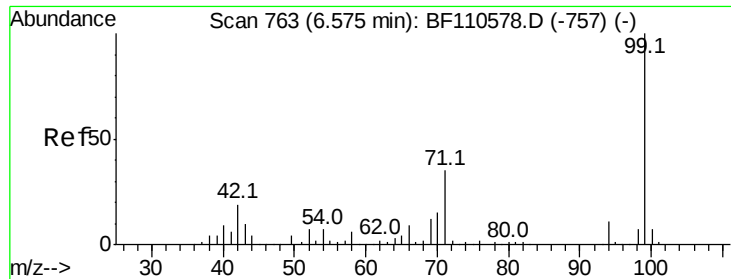
Abundance

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: 111.642 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110729.D

Acq: 13 Nov 2018 19:54

Instrument :

BNA_F

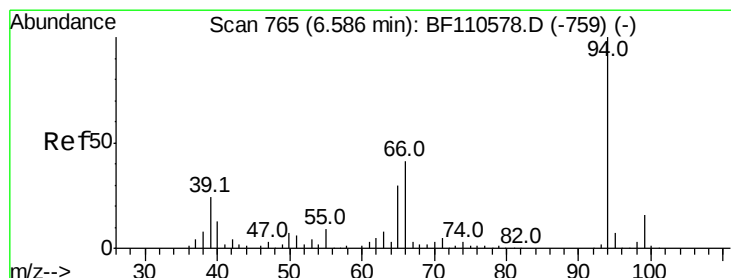
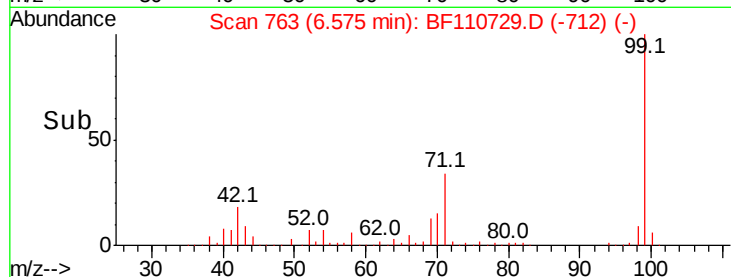
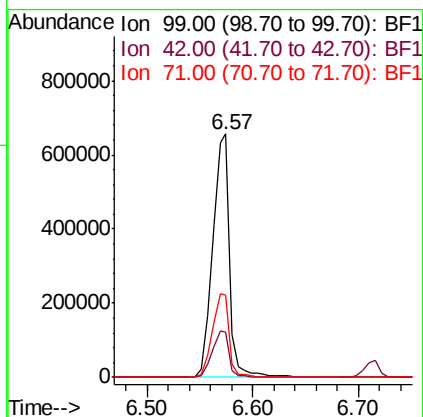
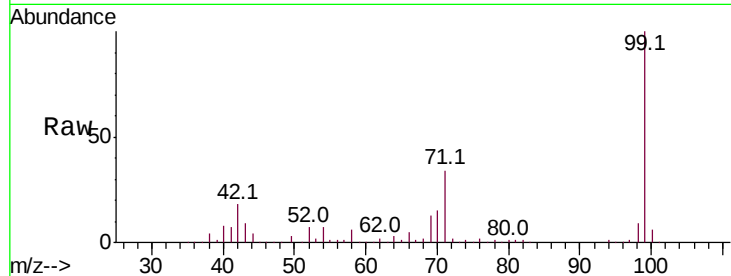
ClientSampleId :

TP-1S

Tot Ion:	99	Resp:	747211
Ion Ratio	Lower	Upper	
99	100		
42	18.3	15.8	23.6
71	33.7	28.0	42.0

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#10

Phenol

Concen: 4.228 ng

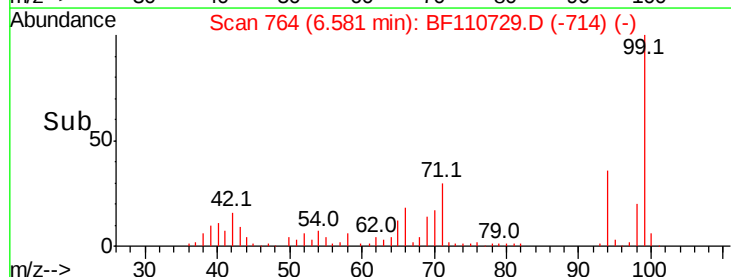
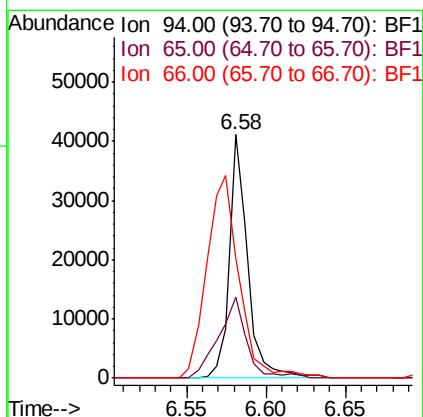
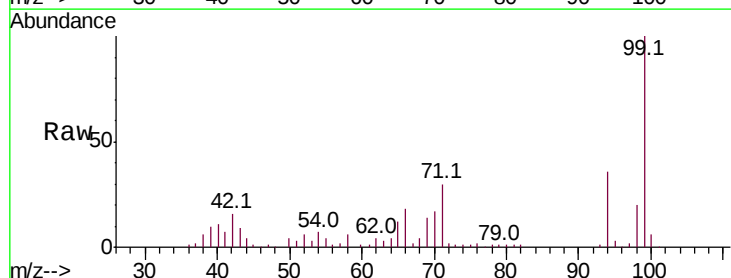
RT: 6.58 min Scan# 764

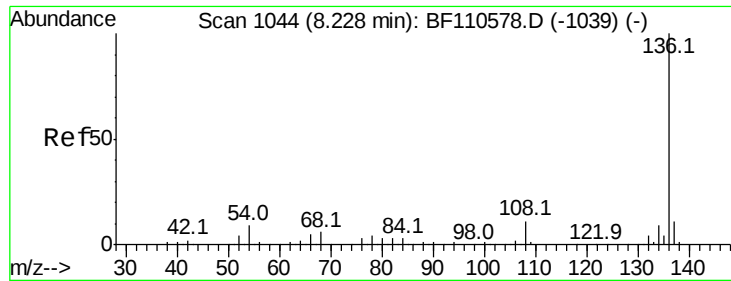
Delta R.T. -0.01 min

Lab File: BF110729.D

Acq: 13 Nov 2018 19:54

Tgt Ion:	94	Resp:	32814
Ion Ratio	Lower	Upper	
94	100		
65	33.1	25.3	65.3
66	49.2	54.5	94.5#





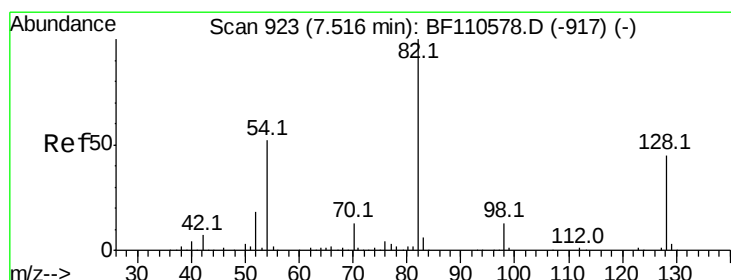
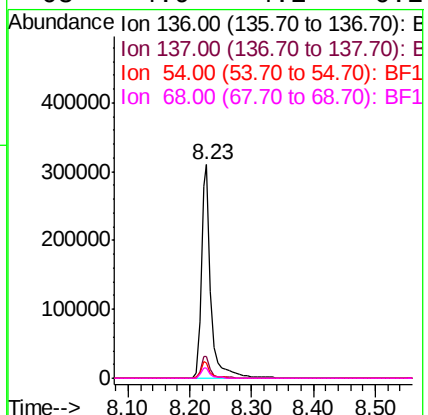
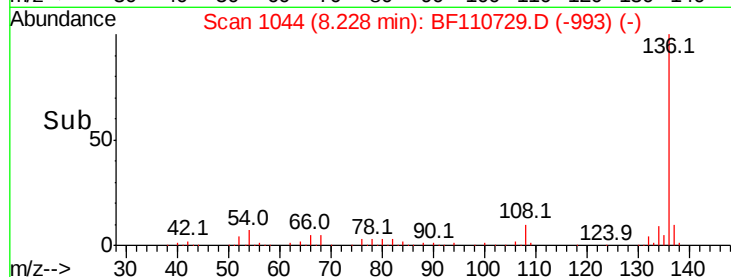
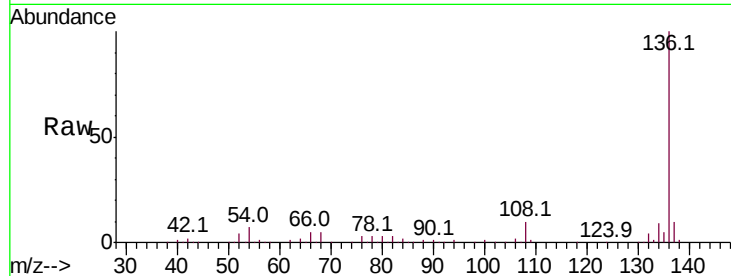
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110729.D
Acq: 13 Nov 2018 19:54

Instrument :
BNA_F
ClientSampled :
TP-1S

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.3	8.8	13.2	
54	7.3	5.4	8.2	
68	4.9	4.2	6.2	

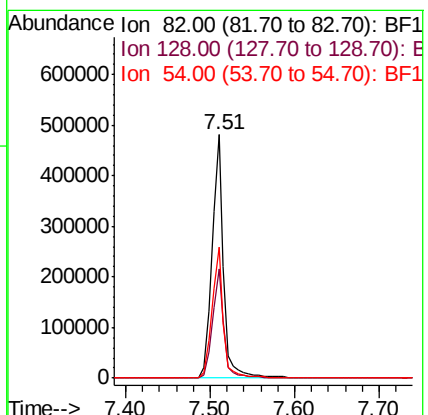
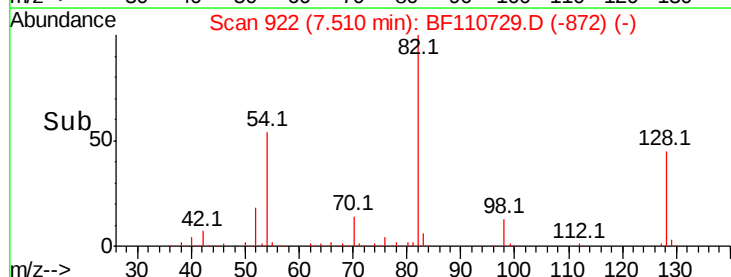
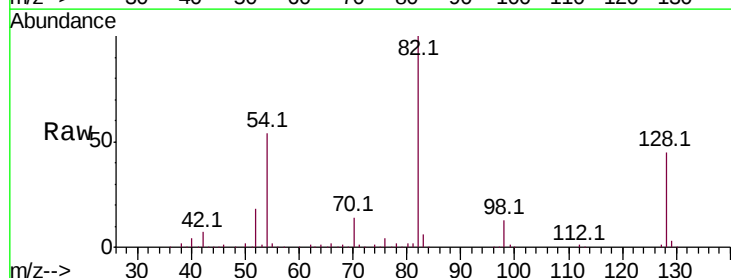
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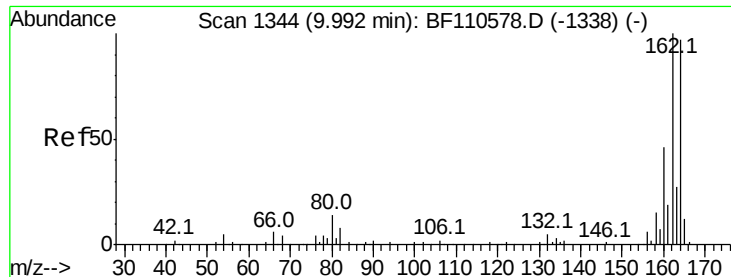
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#23
Nitrobenzene-d5
Concen: 79.906 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110729.D
Acq: 13 Nov 2018 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.0	34.2	51.2	
54	54.0	38.6	58.0	





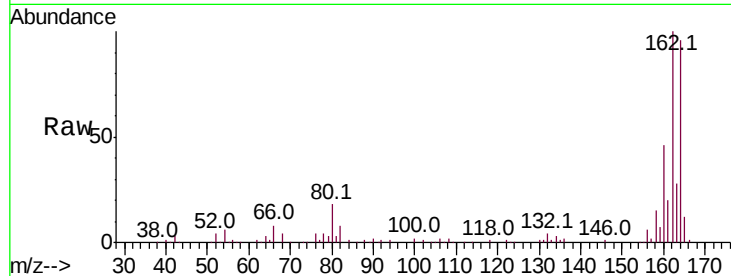
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110729.D
Acq: 13 Nov 2018 19:54

Instrument :
BNA_F
ClientSampleId :
TP-1S

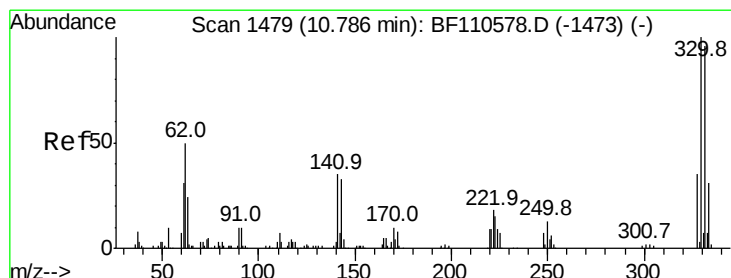
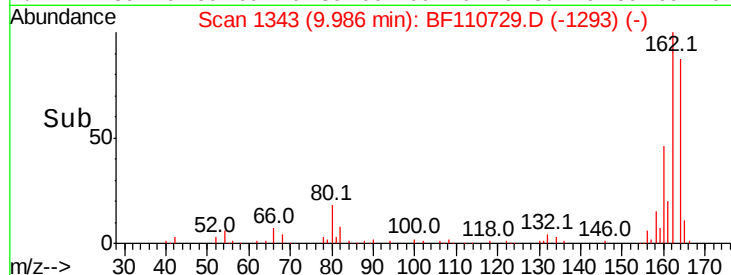
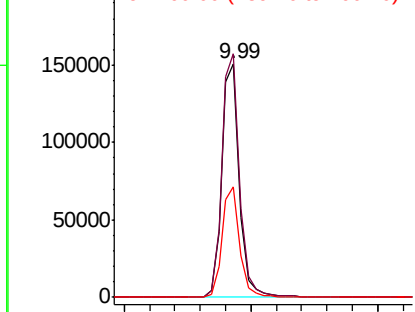
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.2	83.0	124.6	
160	47.6	37.0	55.6	

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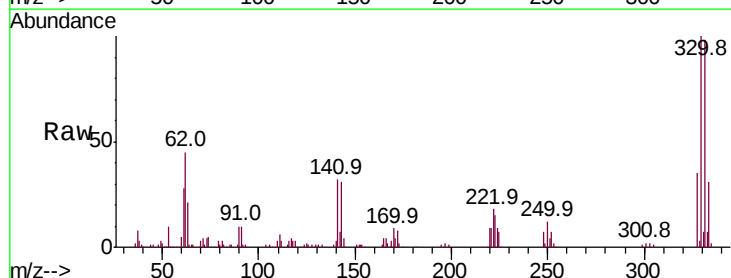


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

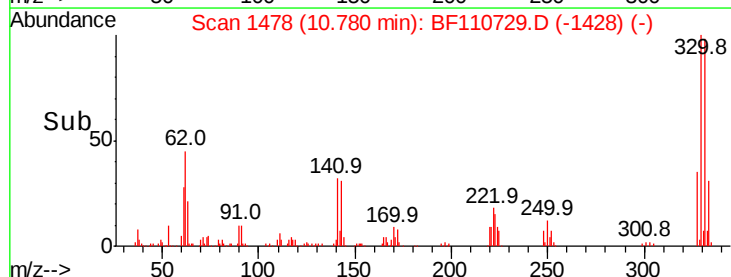
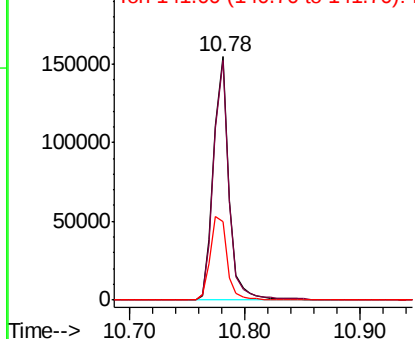


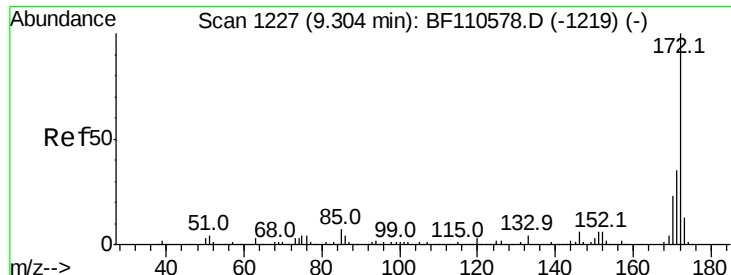
#42
2,4,6-Tribromophenol
Concen: 98.623 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110729.D
Acq: 13 Nov 2018 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	77.1	115.7	
141	37.7	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





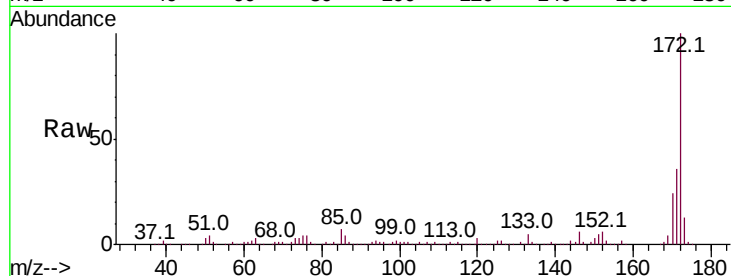
#45
2-Fluorobiphenyl
Concen: 74.831 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110729.D
Acq: 13 Nov 2018 19:54

Instrument :
BNA_F
ClientSampled :
TP-1S

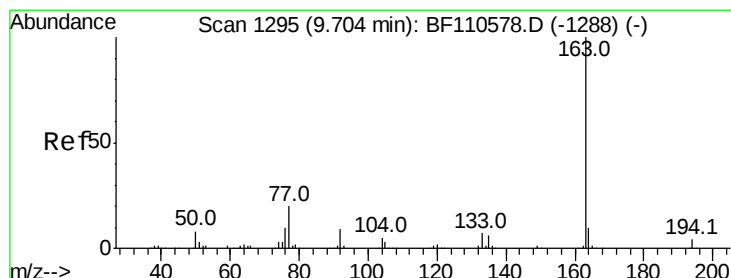
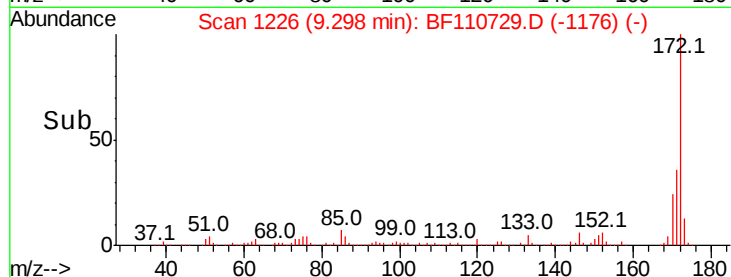
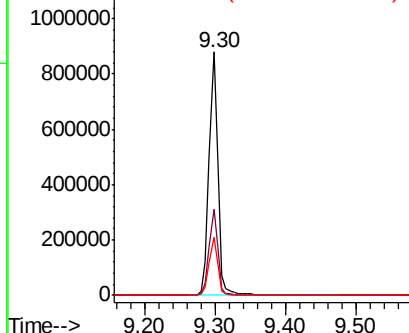
Tot Ion	Ratio	Resp	Lower	Upper
172	100	763105		
171	35.6		28.6	43.0
170	23.7		19.7	29.5

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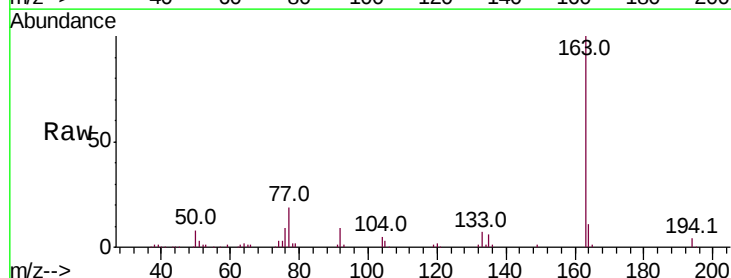


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

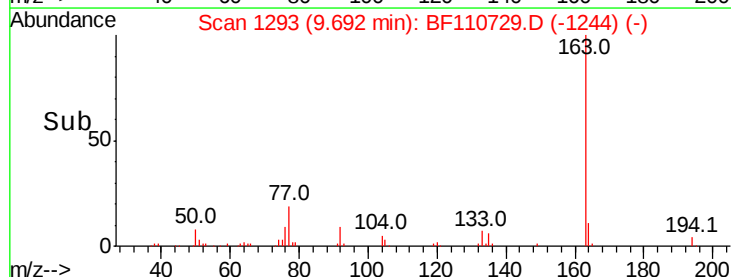
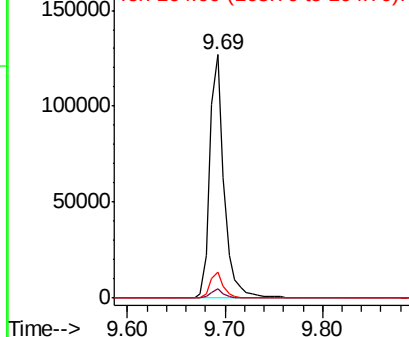


#50
Dimethylphthalate
Concen: 11.833 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110729.D
Acq: 13 Nov 2018 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	128589		
194	3.9		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: BF110729.D

Acq: 13 Nov 2018 19:54

Instrument :

BNA_F

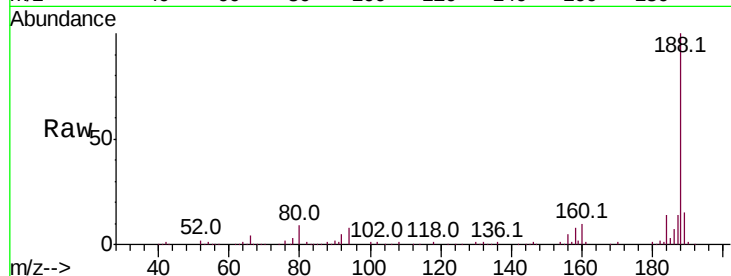
ClientSampleId :

TP-1S

Tot Ion:	188	Resp:	220980
Ion Ratio	Lower	Upper	
188	100		
94	8.4	7.2	10.8
80	8.6	7.9	11.9

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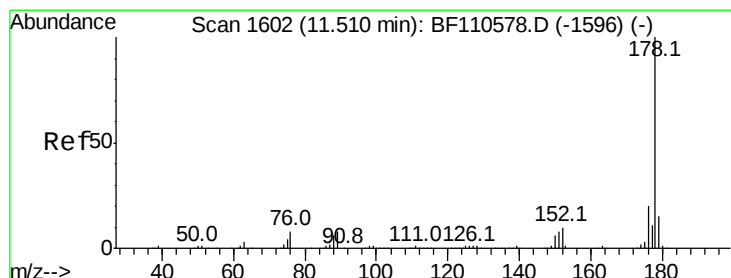
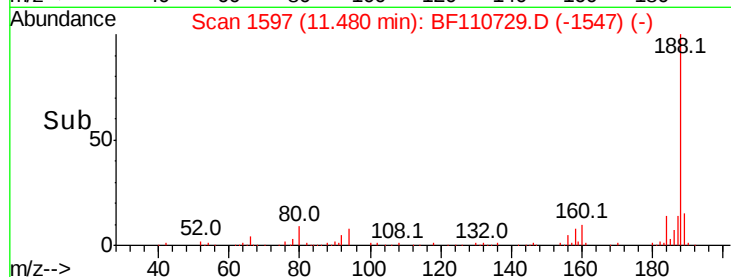
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.48

Time-->



#71

Phenanthrene

Concen: 2.104 ng

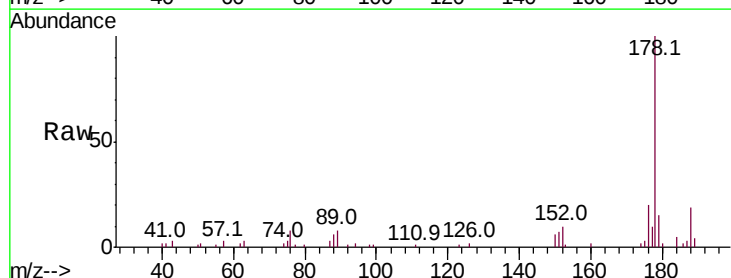
RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110729.D

Acq: 13 Nov 2018 19:54

Tgt Ion:	178	Resp:	24914
Ion Ratio	Lower	Upper	
178	100		
176	20.1	15.5	23.3
179	15.5	12.5	18.7



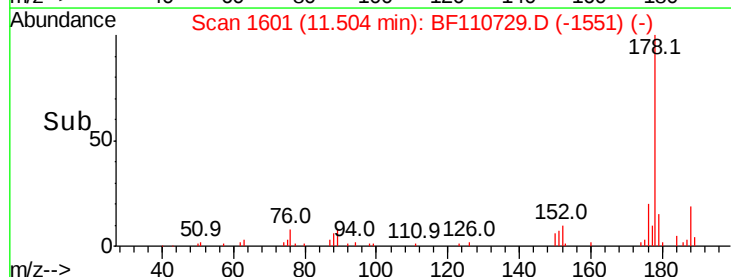
Abundance Ion 178.00 (177.70 to 178.70): E

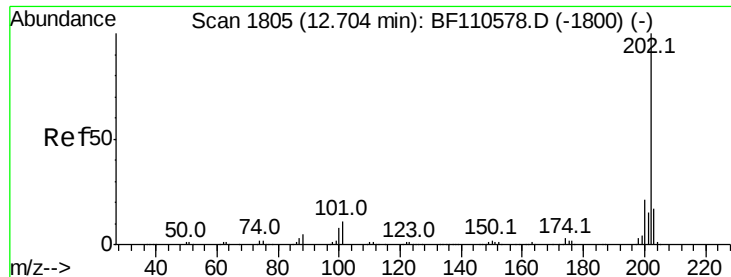
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

11.50

Time-->





#75

Fluoranthene

Concen: 3.068 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110729.D

Acq: 13 Nov 2018 19:54

Instrument :

BNA_F

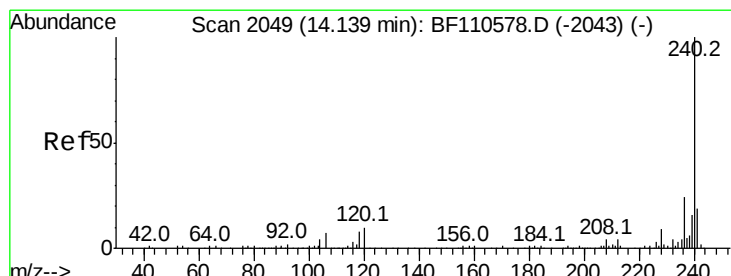
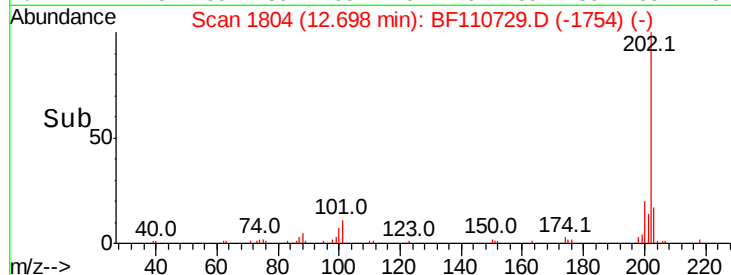
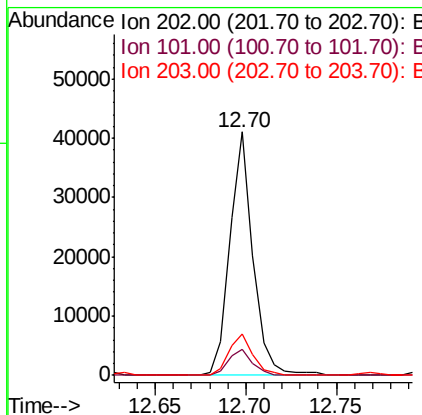
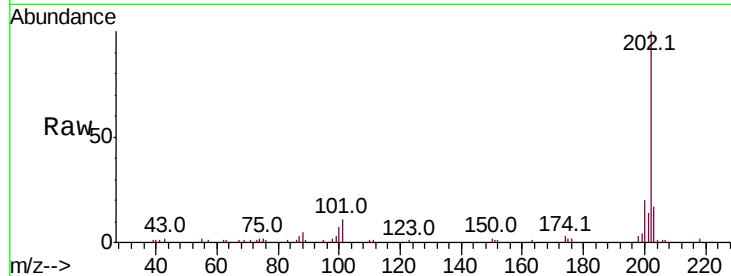
ClientSampled :

TP-1S

Tot Ion:	202	Resp:	36414
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	31.4
203	17.1	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

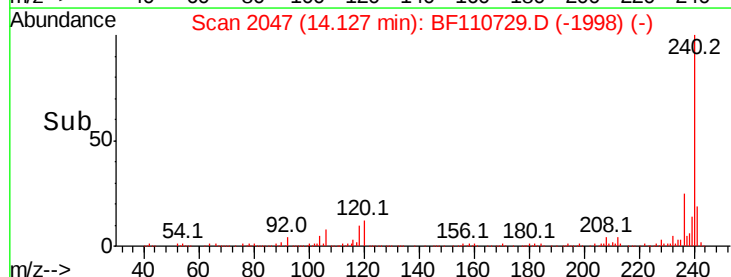
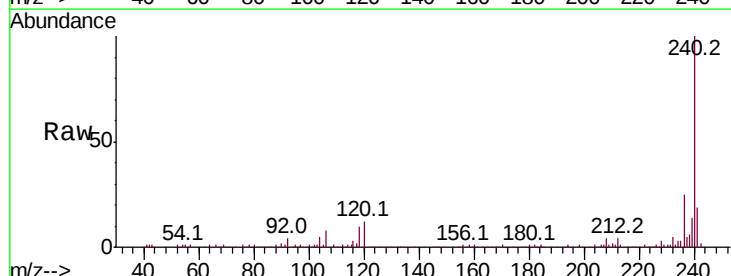
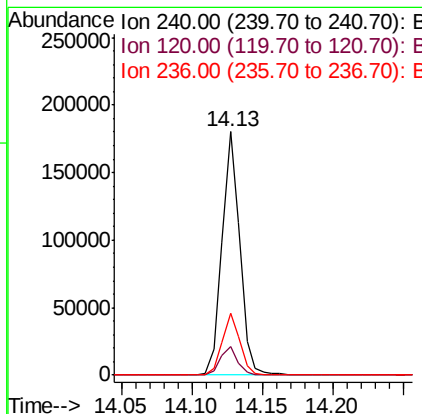
RT: 14.13 min Scan# 2047

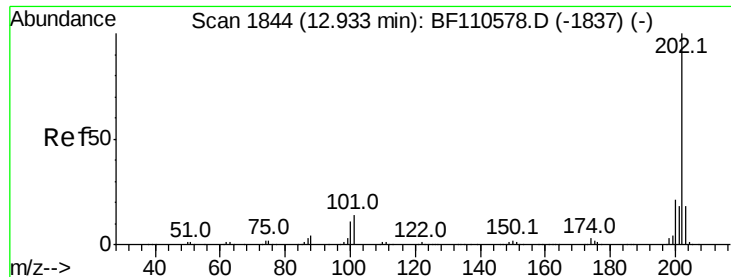
Delta R.T. -0.01 min

Lab File: BF110729.D

Acq: 13 Nov 2018 19:54

Tgt Ion:	240	Resp:	158192
Ion Ratio	Lower	Upper	
240	100		
120	11.6	8.3	12.5
236	25.4	21.2	31.8





#78

Pvrene

Concen: 3.176 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF110729.D

Acq: 13 Nov 2018 19:54

Instrument :

BNA_F

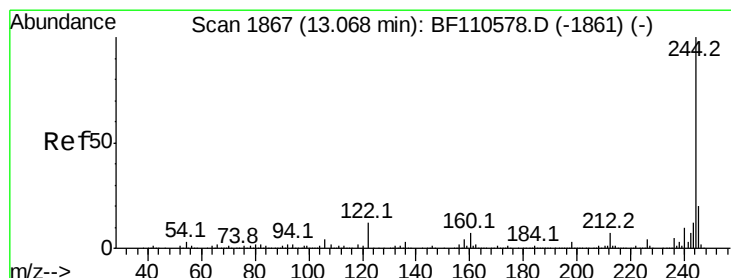
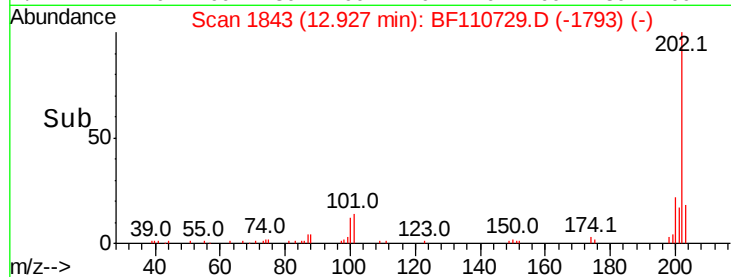
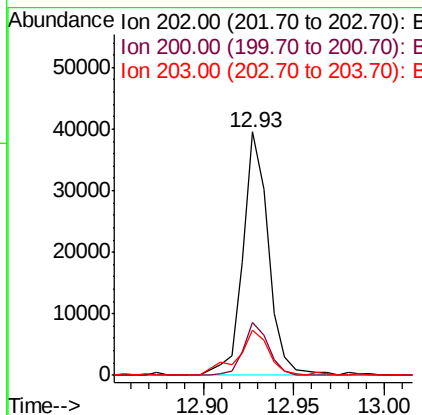
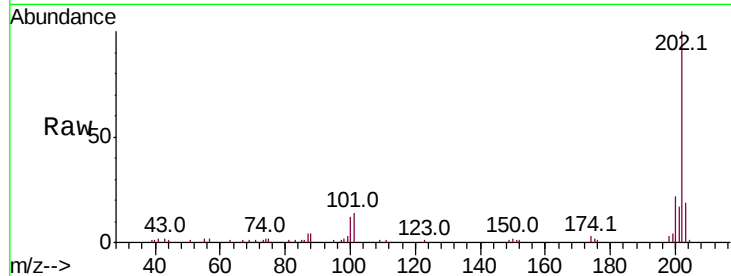
ClientSampled :

TP-1S

Tot Ion:202	Resp:	38681
Ion Ratio	Lower	Upper
202 100		
200 22.0	17.8	26.6
203 18.8	14.2	21.4

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#79

Terphenyl-d14

Concen: 58.158 ng

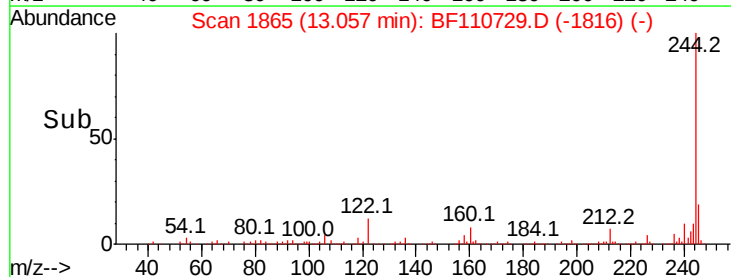
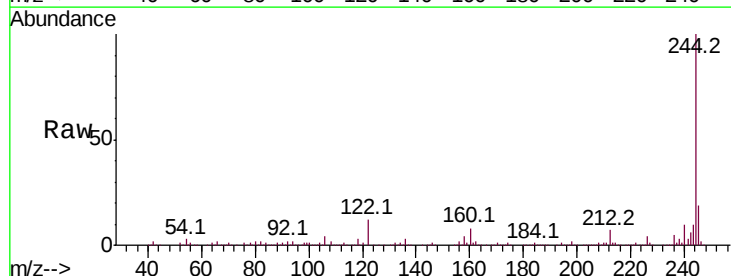
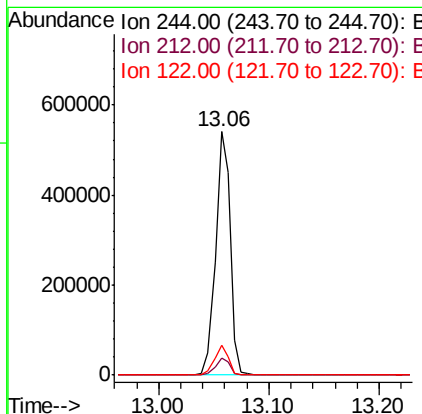
RT: 13.06 min Scan# 1865

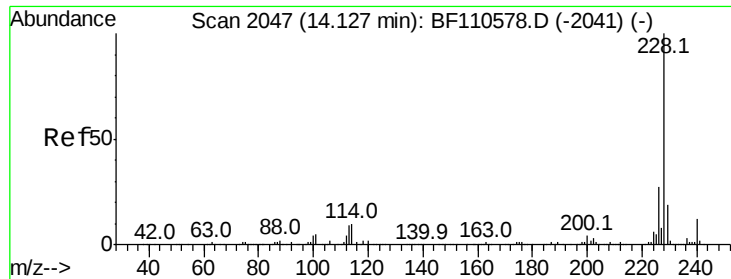
Delta R.T. -0.01 min

Lab File: BF110729.D

Acq: 13 Nov 2018 19:54

Tgt Ion:244	Resp:	491259
Ion Ratio	Lower	Upper
244 100		
212 7.0	5.8	8.8
122 12.4	8.7	13.1





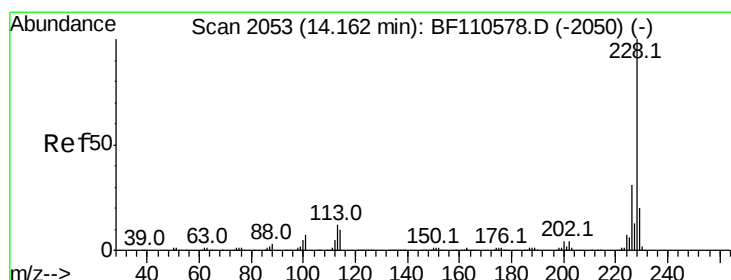
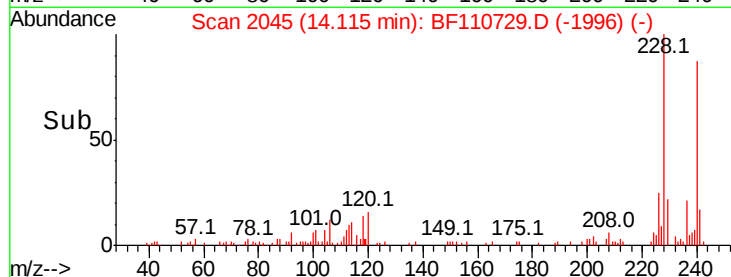
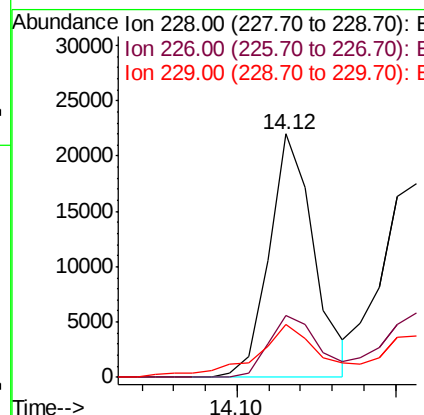
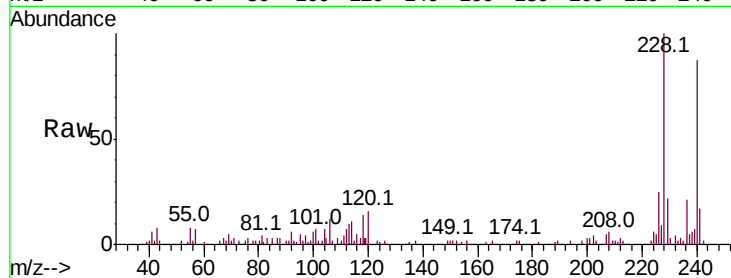
#81
Benzo(a)anthracene
Concen: 2.294 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF110729.D
Acq: 13 Nov 2018 19:54

Instrument :
BNA_F
ClientSampleId :
TP-1S

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.5	22.1	33.1
229	21.9	15.6	23.4

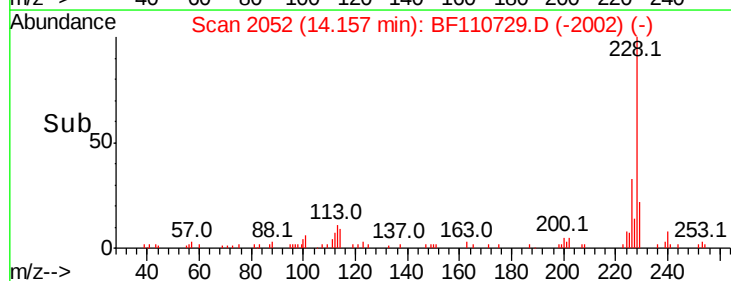
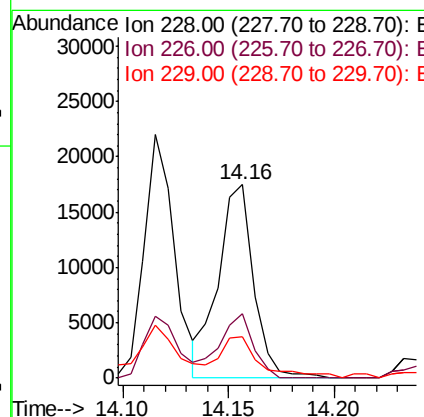
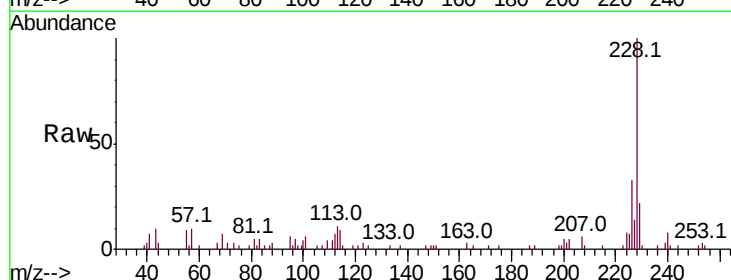
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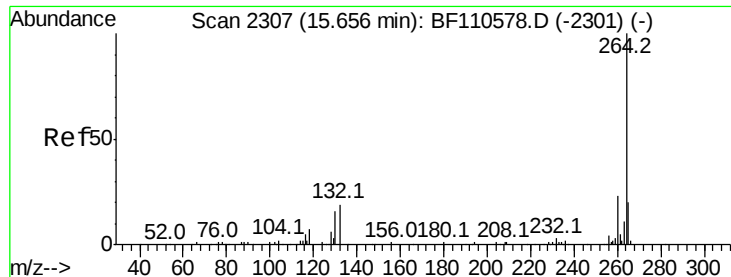
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#83
Chrysene
Concen: 2.283 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110729.D
Acq: 13 Nov 2018 19:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.4	24.7	37.1
229	21.6	15.9	23.9





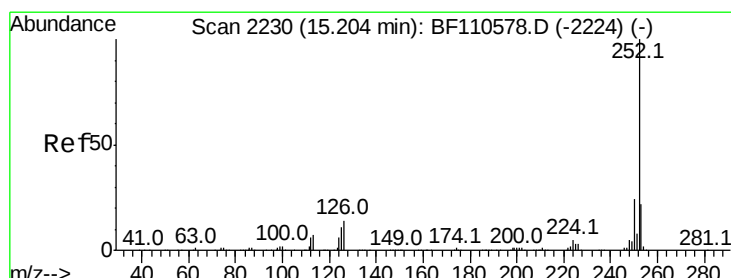
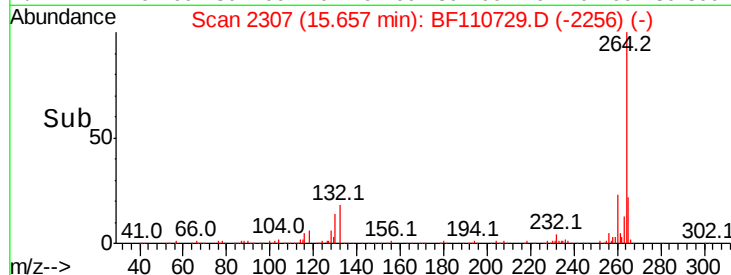
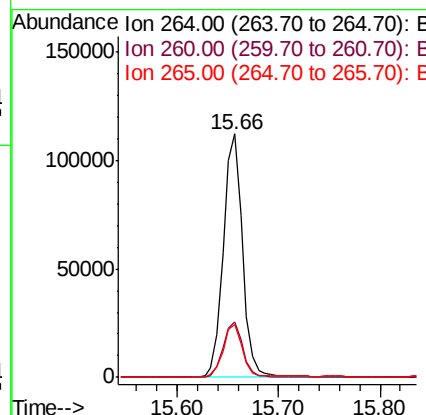
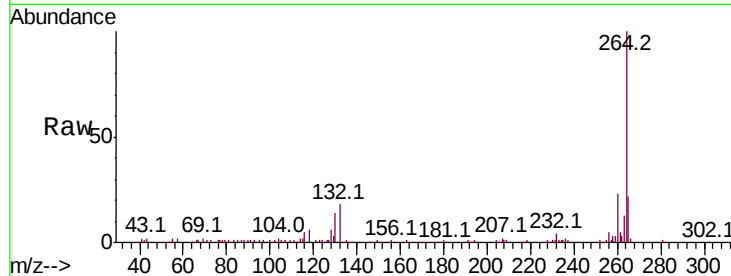
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110729.D
Acq: 13 Nov 2018 19:54

Instrument :
BNA_F
ClientSampled :
TP-1S

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.7	16.7	25.1

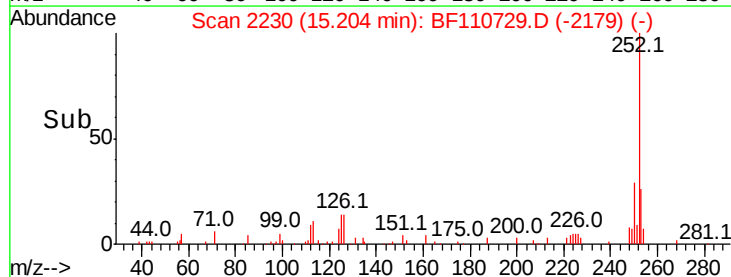
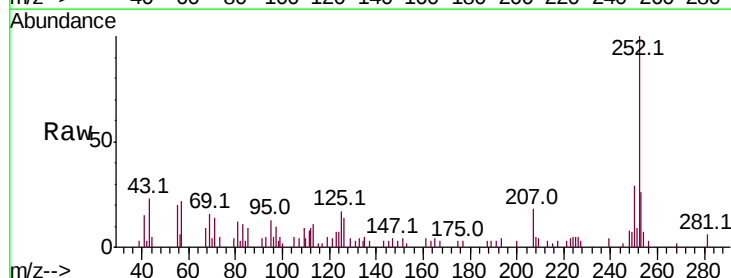
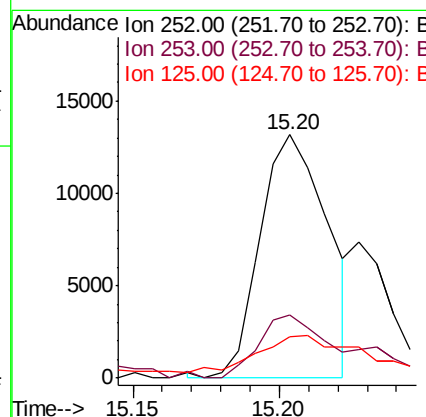
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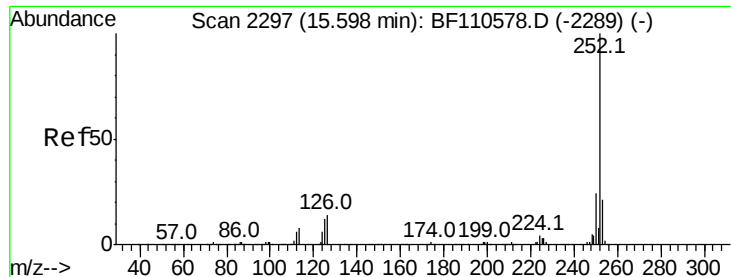
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#88
Benzo(b)fluoranthene
Concen: 2.383 ng m
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110729.D
Acq: 13 Nov 2018 19:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.2	25.8#
125	17.2	8.2	12.4#





#90
Benzo(a)pyrene
Concen: 2.057 ng
RT: 15.59 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF110729.D
Acq: 13 Nov 2018 19:54

Instrument :
BNA_F
ClientSampleId :
TP-1S

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.1	18.2	27.4
125	16.2	9.0	13.6

Manual Integrations
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