

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
 Data File : BF110727.D
 Acq On : 13 Nov 2018 18:59
 Operator : JU/SJ
 Sample : J5925-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5S

Manual Integrations
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Quant Time: Nov 14 05:44:21 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	96511	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	382481	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	160312	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	234267	20.00	ng	0.00
76) Chrysene-d12	14.13	240	180823	20.00	ng	-0.01
87) Perylene-d12	15.66	264	158926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	702459	118.23	ng	0.00
7) Phenol-d6	6.57	99	877412	115.48	ng	0.00
23) Nitrobenzene-d5	7.51	82	563768	84.89	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	163684	101.33	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	854344	76.11	ng	0.00
79) Terphenyl-d14	13.06	244	538121	55.73	ng	0.00
Target Compounds						
10) Phenol	6.59	94	38359	4.354	ng	Qvalue # 65
50) Dimethylphthalate	9.69	163	133451	11.156	ng	99
71) Phenanthrene	11.50	178	40929	3.261	ng	99
75) Fluoranthene	12.70	202	69770	5.545	ng	98
78) Pyrene	12.93	202	113013	8.117	ng	98
81) Benzo(a)anthracene	14.12	228	76887	7.114	ng	97
83) Chrysene	14.16	228	75656	7.348	ng	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	16606	2.247	ng	# 91
88) Benzo(b)fluoranthene	15.20	252	55714m	5.860	ng	
89) Benzo(k)fluoranthene	15.23	252	19765m	2.104	ng	
90) Benzo(a)pyrene	15.59	252	52224	6.046	ng	98
92) Benzo(a,h,i)perylene	17.70	276	16838	2.322	ng	96

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

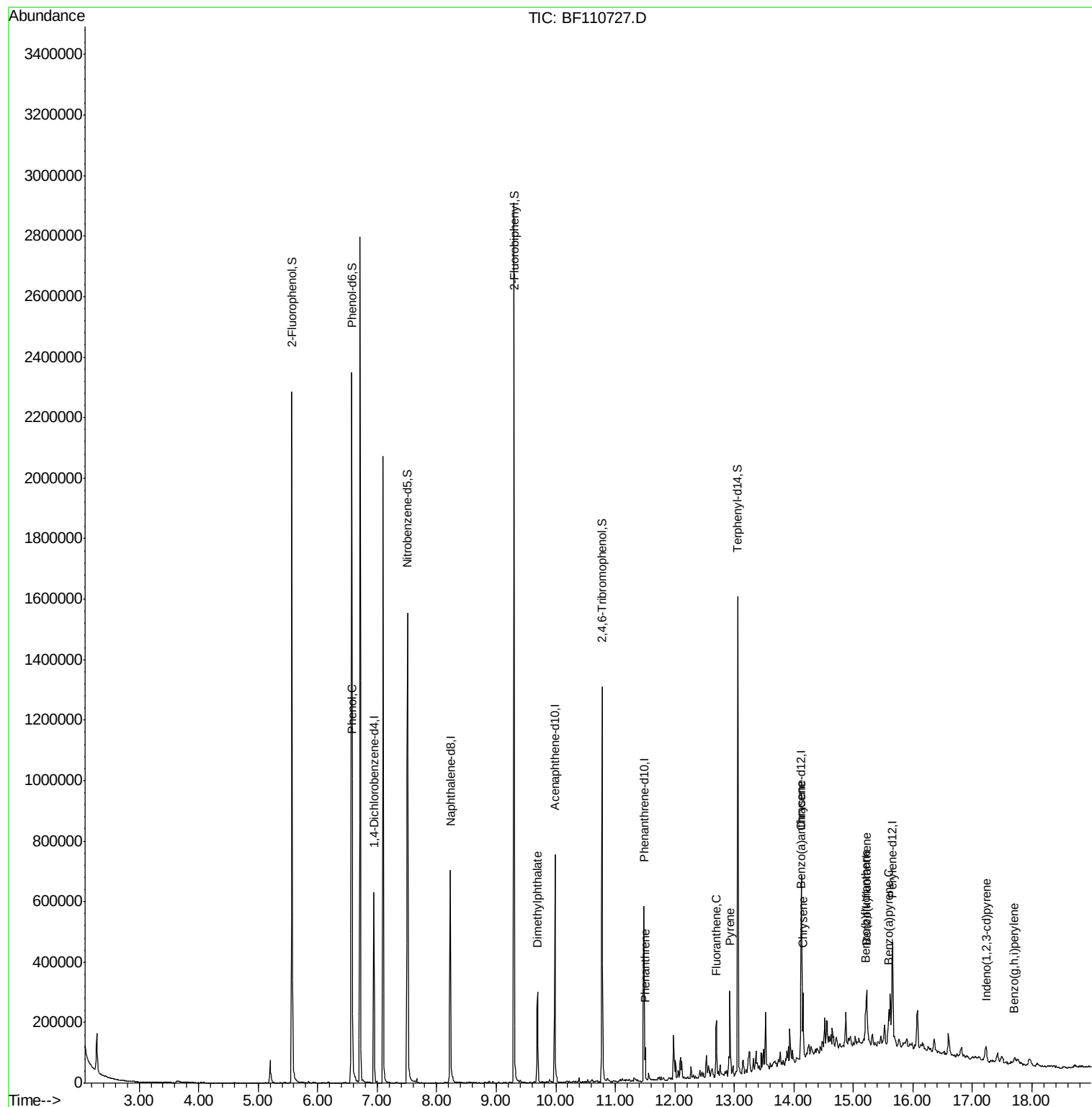
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110727.D
Acq On : 13 Nov 2018 18:59
Operator : JU/SJ
Sample : J5925-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

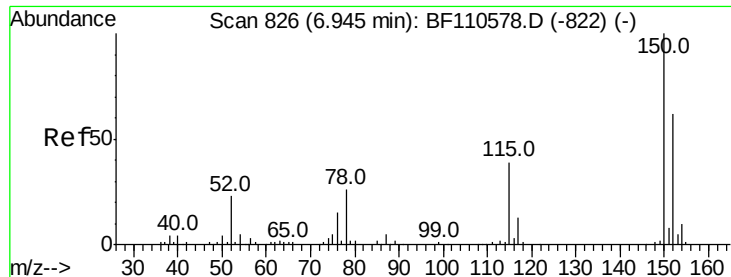
Instrument :
BNA_F
ClientSampleId :
TP-5S

Quant Time: Nov 14 05:44:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
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#1

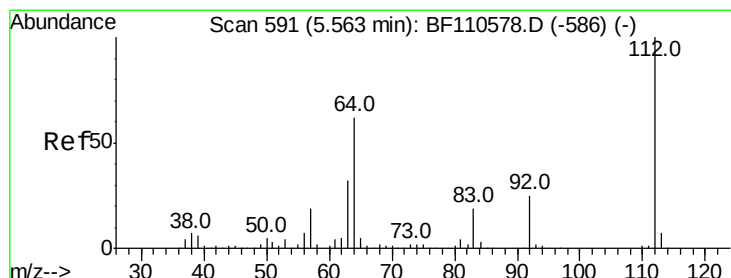
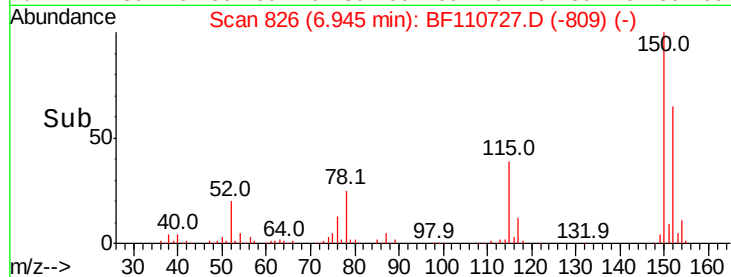
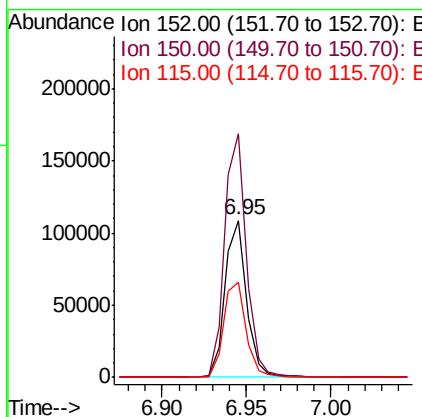
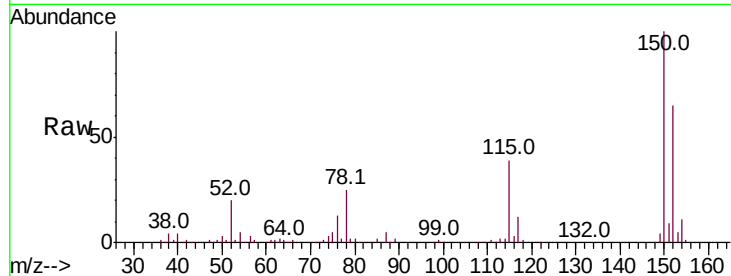
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Instrument :
BNA_F
ClientSampled :
TP-5S

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.7	184.1
115	60.8	49.1	73.7

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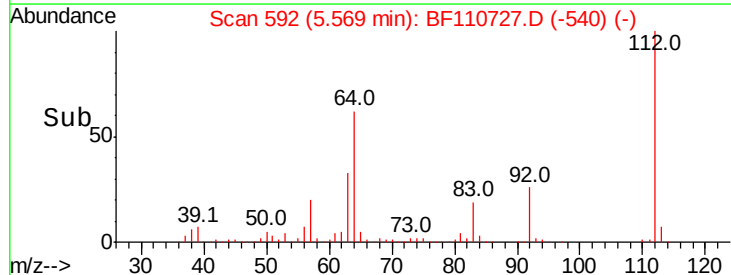
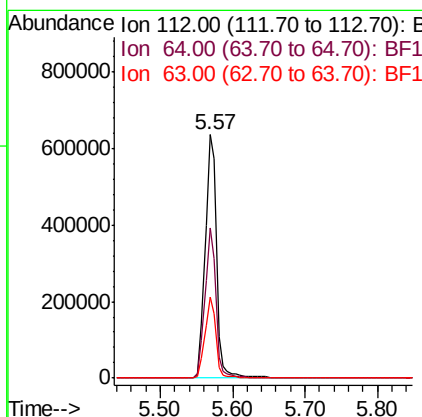
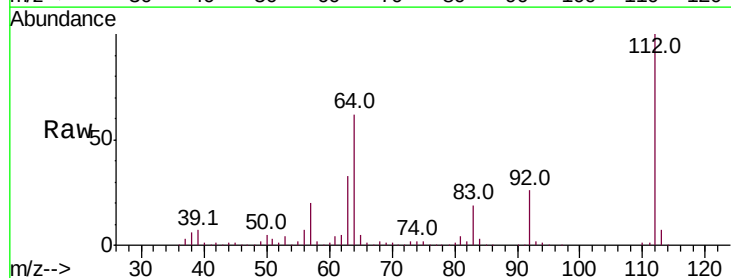
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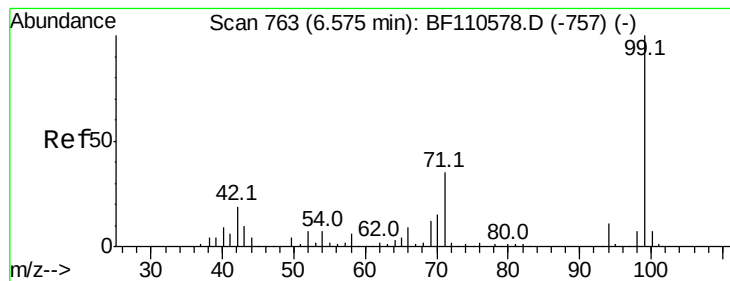


#5

2-Fluorophenol
Concen: 118.226 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	44.1	66.1
63	33.2	23.7	35.5





#7

Phenol-d6

Concen: 115.480 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110727.D

Acq: 13 Nov 2018 18:59

Instrument :

BNA_F

ClientSampled :

TP-5S

Tot Ion: 99 Resp: 877412

Ion Ratio Lower Upper

99 100

42 19.4 15.8 23.6

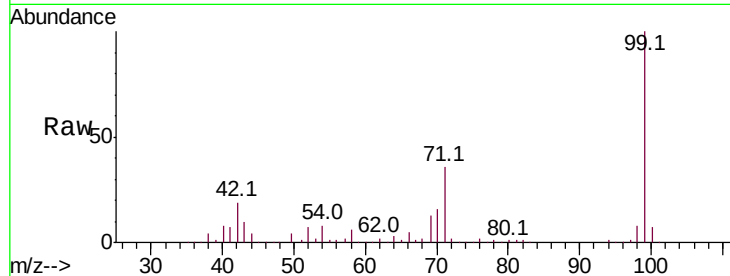
71 35.6 28.0 42.0

Manual Integrations

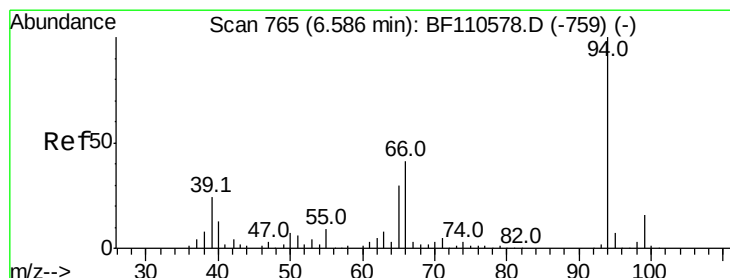
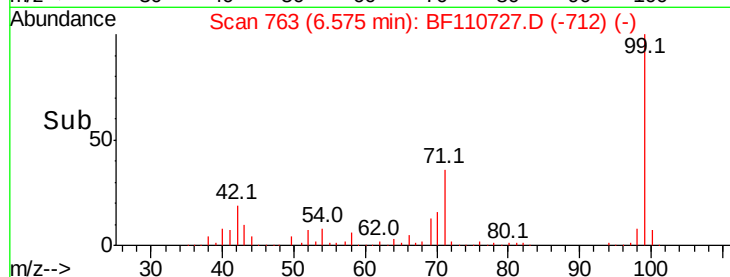
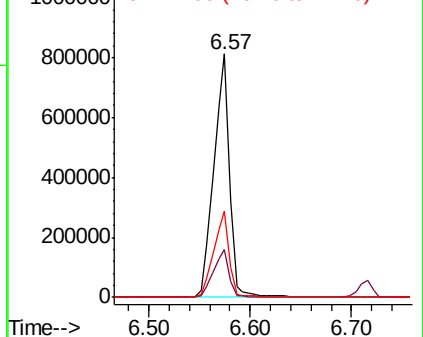
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.354 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF110727.D

Acq: 13 Nov 2018 18:59

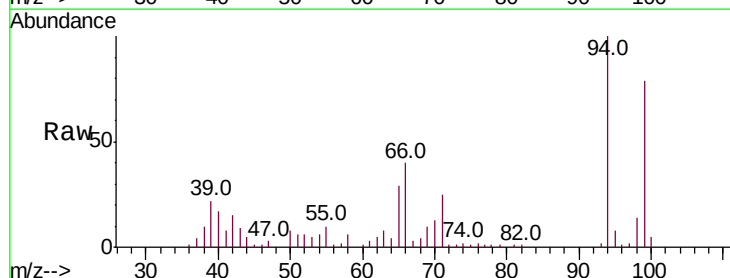
Tgt Ion: 94 Resp: 38359

Ion Ratio Lower Upper

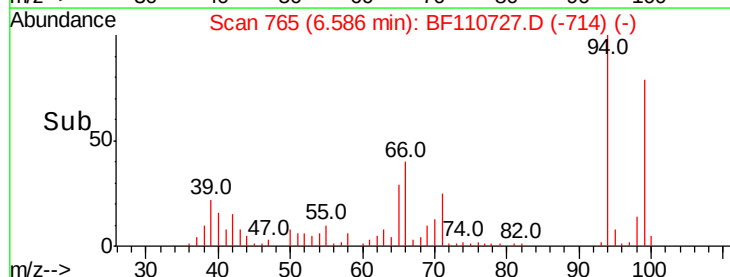
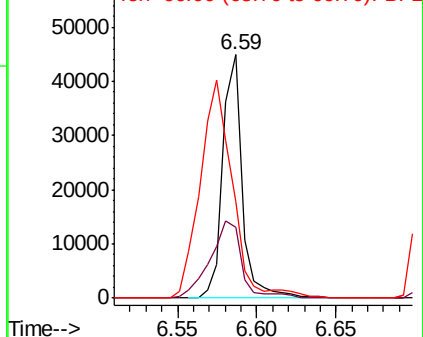
94 100

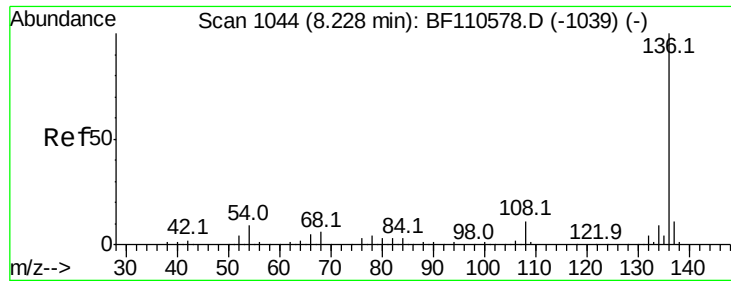
65 28.9 25.3 65.3

66 39.6 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





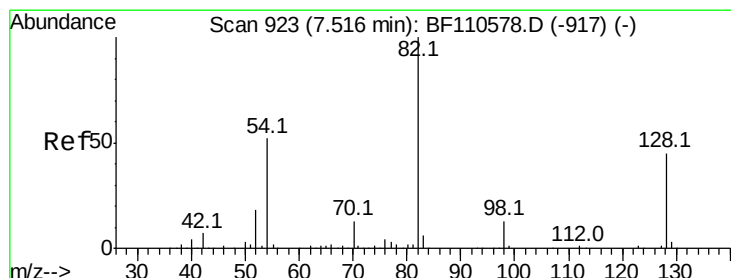
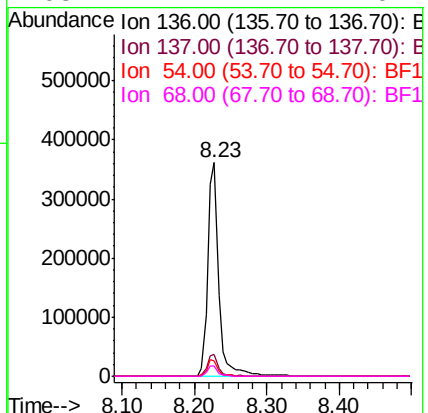
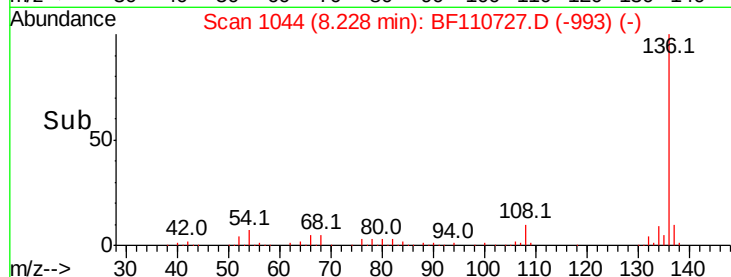
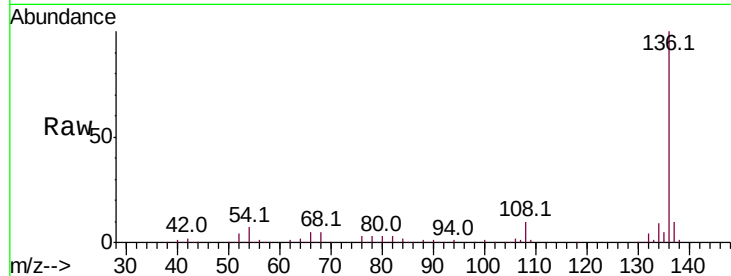
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Instrument :
BNA_F
ClientSampled :
TP-5S

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.8	13.2	
54	7.0	5.4	8.2	
68	4.7	4.2	6.2	

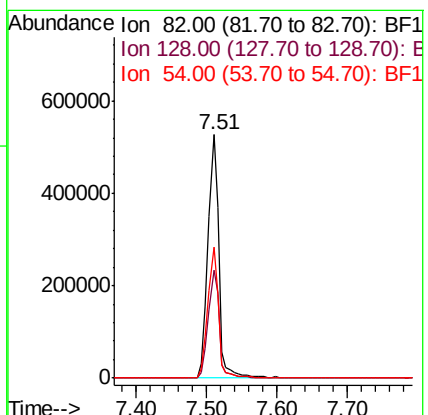
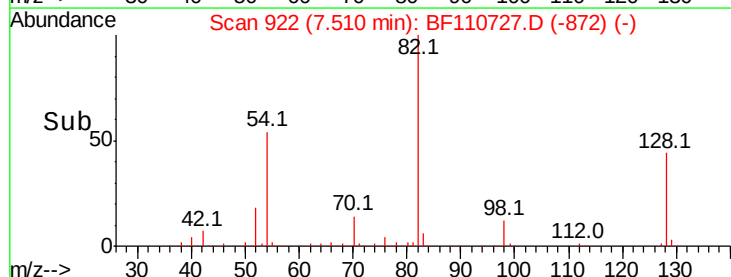
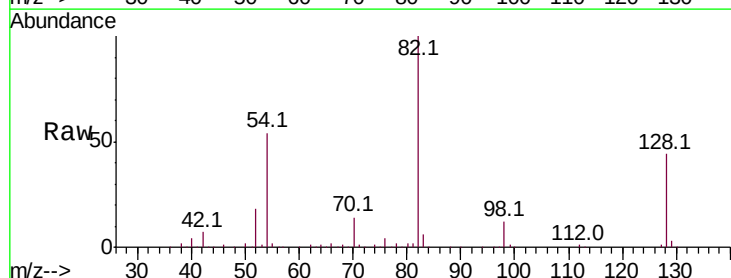
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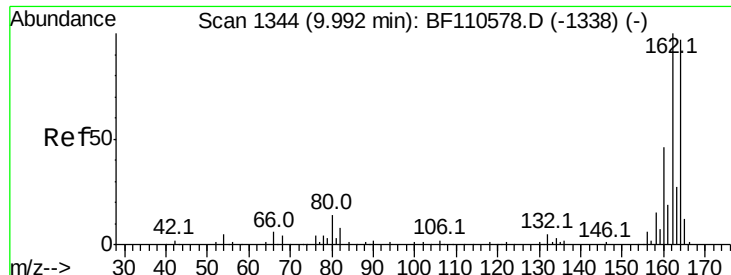
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#23
Nitrobenzene-d5
Concen: 84.886 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.2	34.2	51.2	
54	53.8	38.6	58.0	





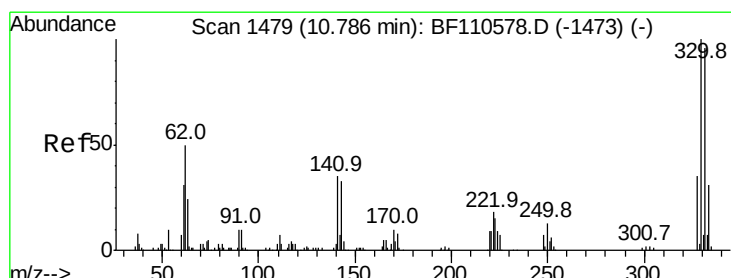
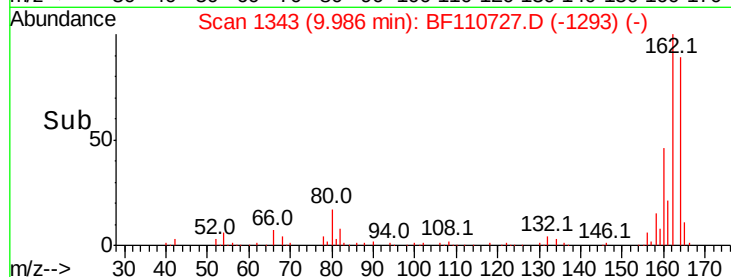
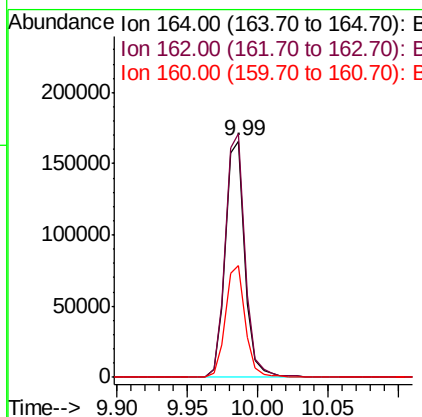
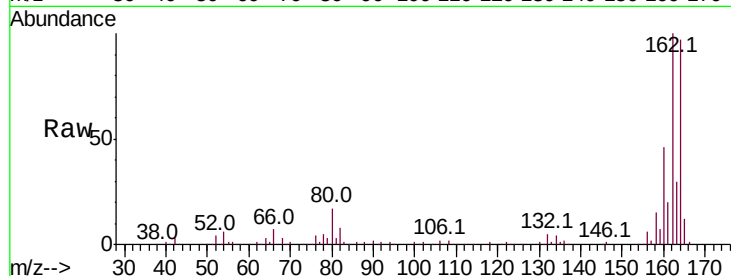
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Instrument :
BNA_F
ClientSampled :
TP-5S

Tot Ion	Ratio	Resp	Lower	Upper
164	100	160312		
162	103.2	83.0	124.6	
160	47.2	37.0	55.6	

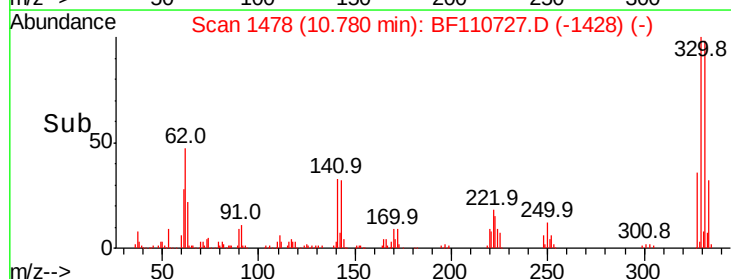
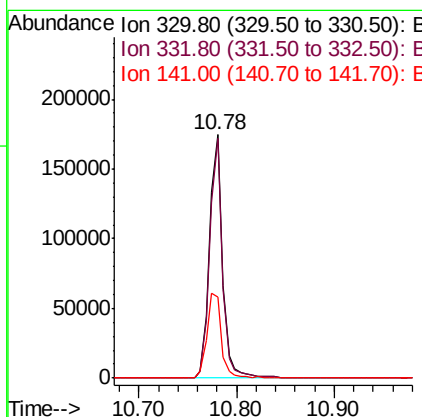
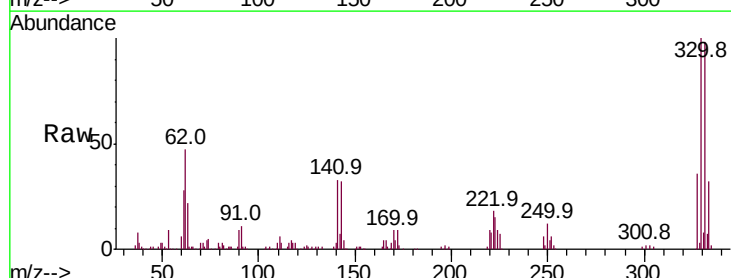
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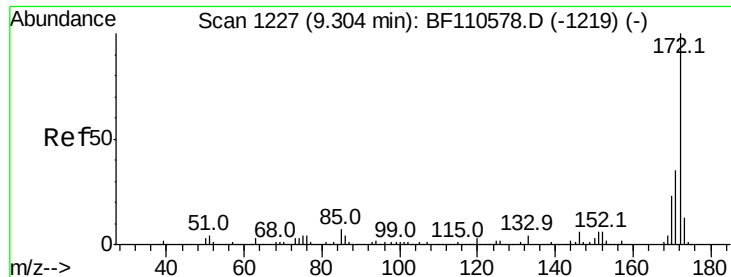
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#42
2,4,6-Tribromophenol
Concen: 101.331 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	163684		
332	95.9	77.1	115.7	
141	38.4	27.0	40.4	





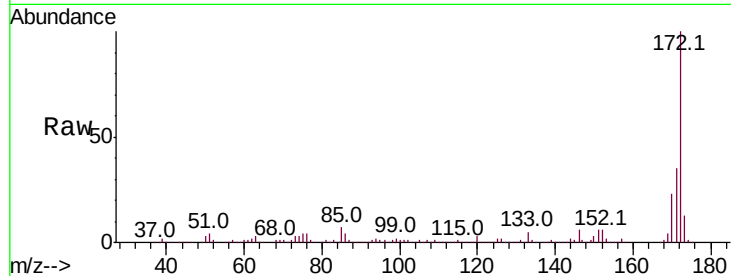
#45
2-Fluorobiphenyl
Concen: 76.111 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Instrument :
BNA_F
ClientSampled :
TP-5S

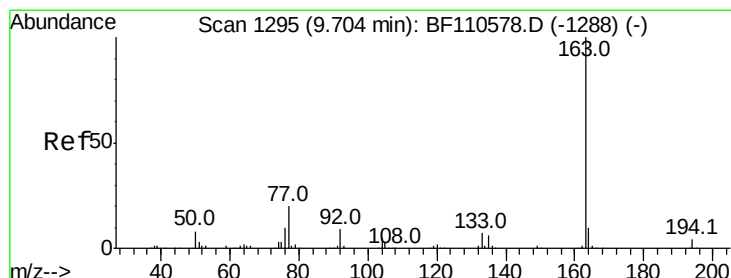
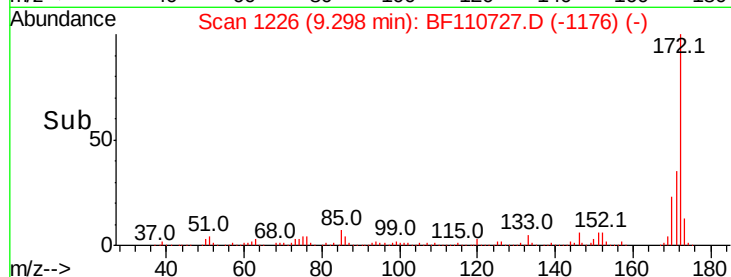
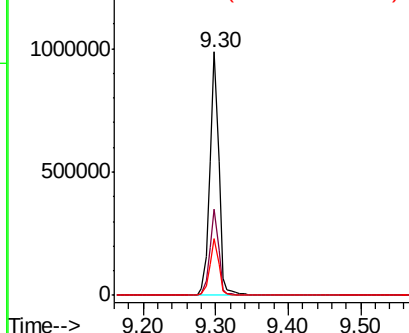
Tot Ion	Ratio	Resp	Lower	Upper
172	100	854344		
171	35.3		28.6	43.0
170	23.5		19.7	29.5

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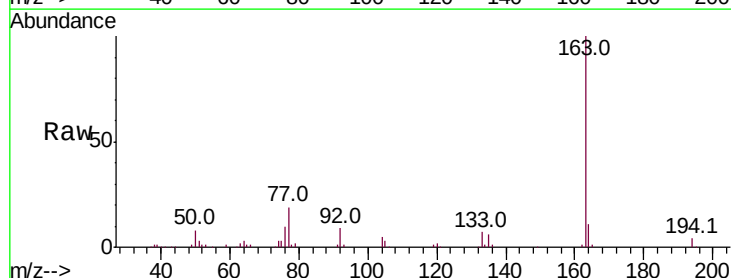


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

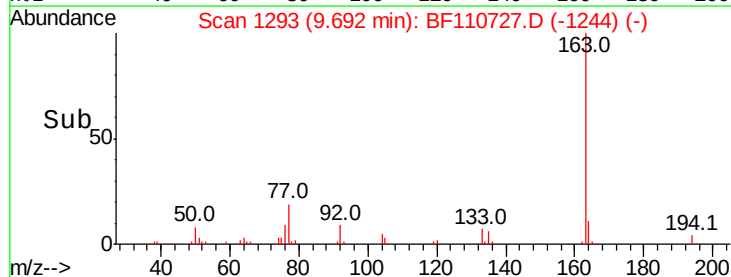
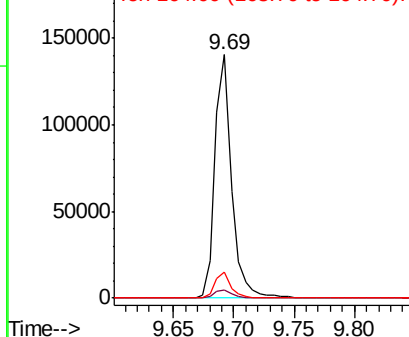


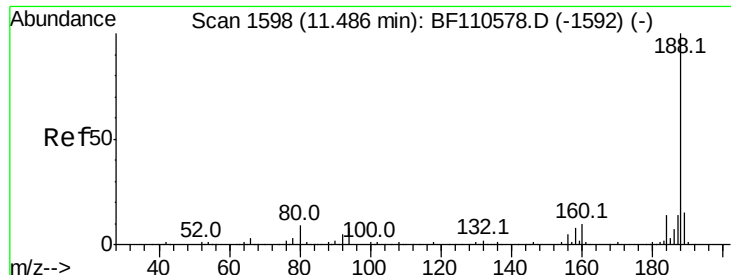
#50
Dimethylphthalate
Concen: 11.156 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	133451		
194	3.6		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: BF110727.D

Acq: 13 Nov 2018 18:59

Instrument :

BNA_F

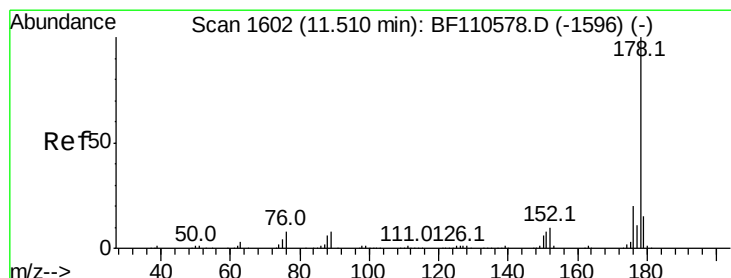
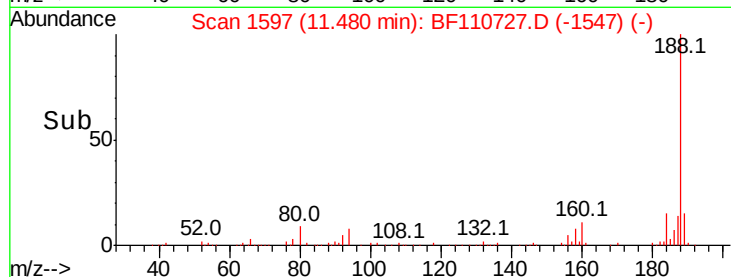
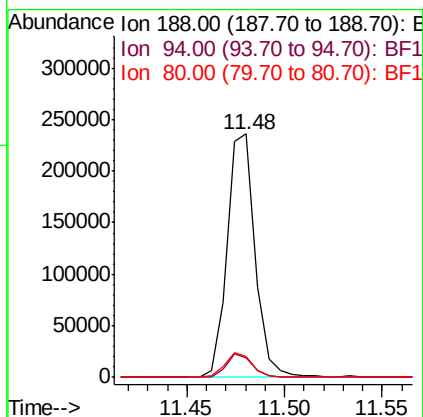
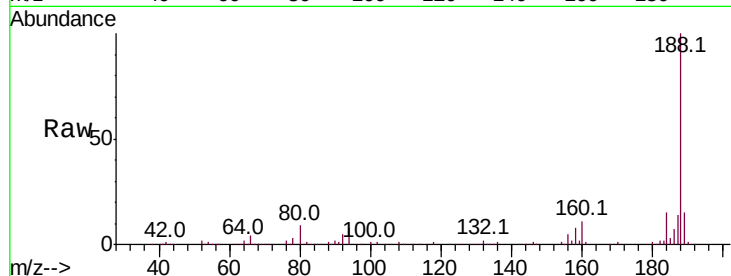
ClientSampleId :

TP-5S

Tot Ion:	188	Resp:	234267
Ion Ratio	Lower	Upper	
188	100		
94	8.3	7.2	10.8
80	8.6	7.9	11.9

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#71

Phenanthrene

Concen: 3.261 ng

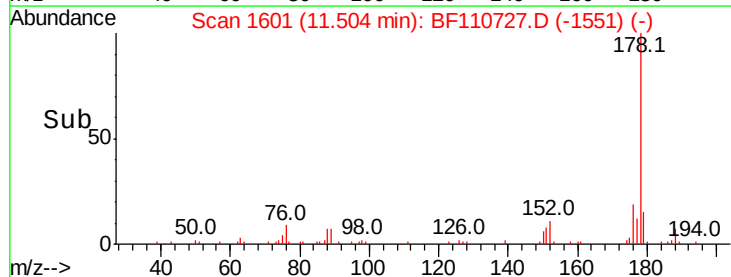
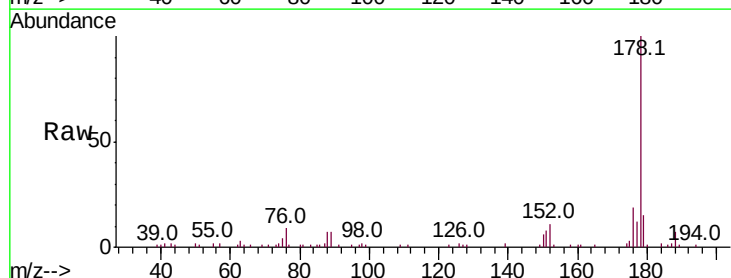
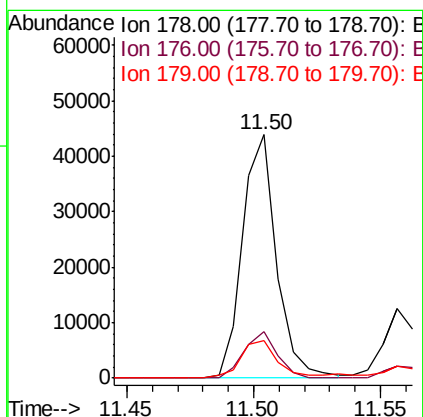
RT: 11.50 min Scan# 1601

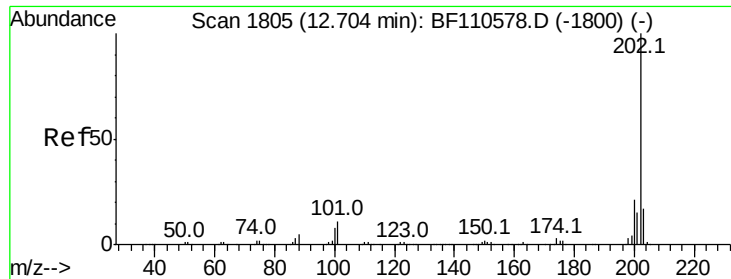
Delta R.T. -0.01 min

Lab File: BF110727.D

Acq: 13 Nov 2018 18:59

Tgt Ion:	178	Resp:	40929
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.5	23.3
179	15.2	12.5	18.7





#75

Fluoranthene

Concen: 5.545 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110727.D

Acq: 13 Nov 2018 18:59

Instrument :

BNA_F

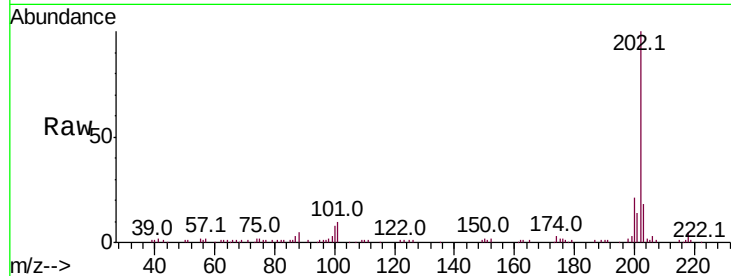
ClientSampled :

TP-5S

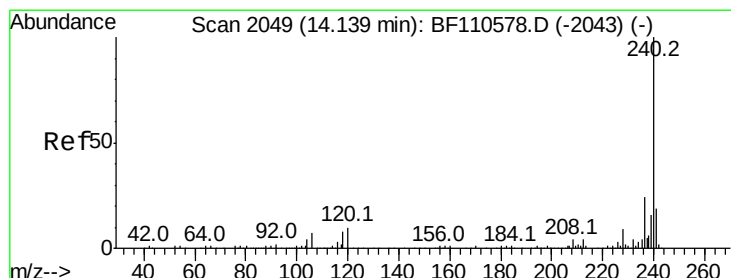
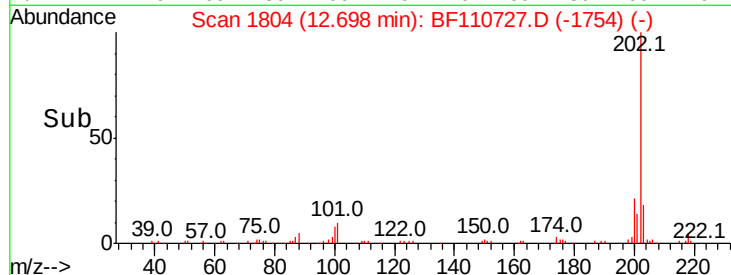
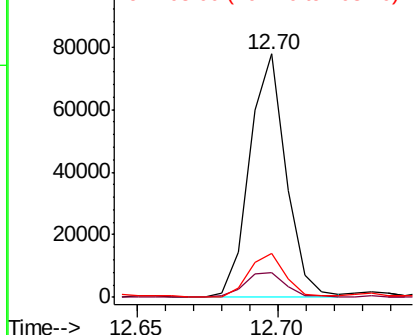
Tot Ion:	202	Resp:	69770
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	31.4
203	18.0	0.0	37.7

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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

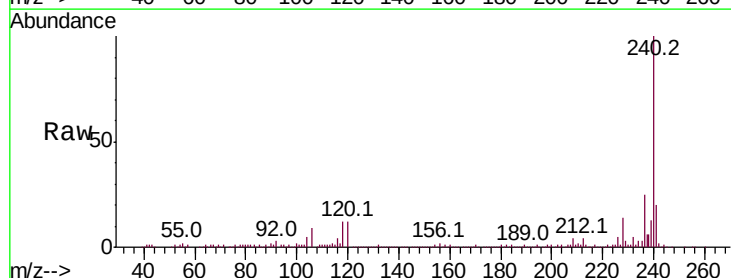
RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

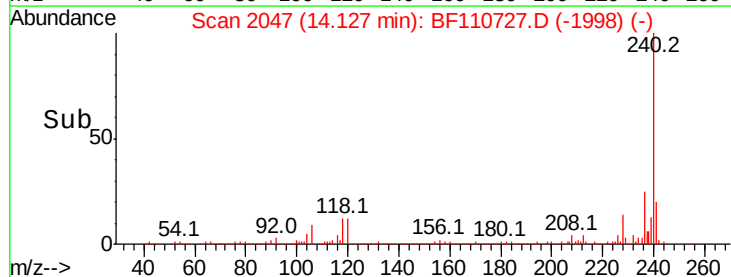
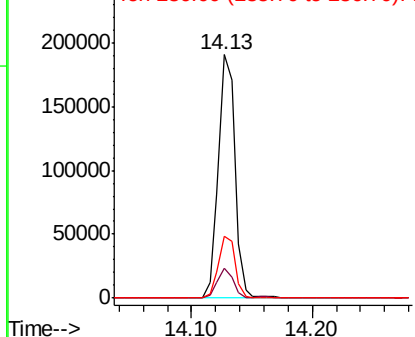
Lab File: BF110727.D

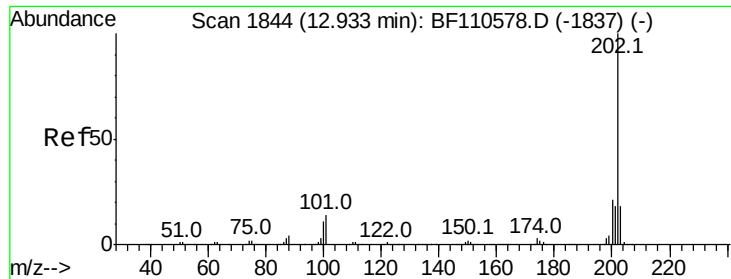
Acq: 13 Nov 2018 18:59

Tgt Ion:	240	Resp:	180823
Ion Ratio	Lower	Upper	
240	100		
120	12.4	8.3	12.5
236	25.4	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





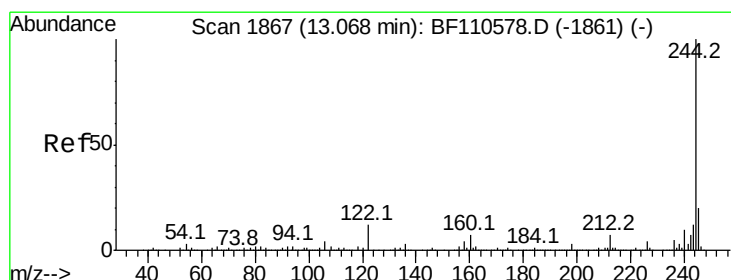
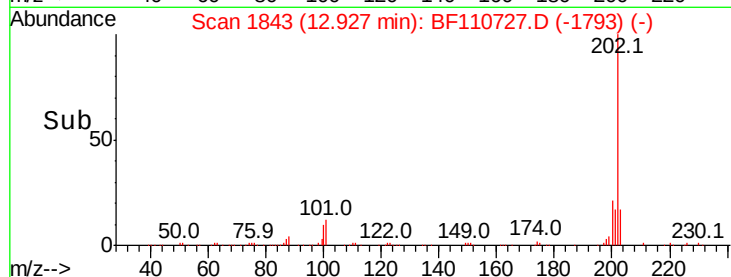
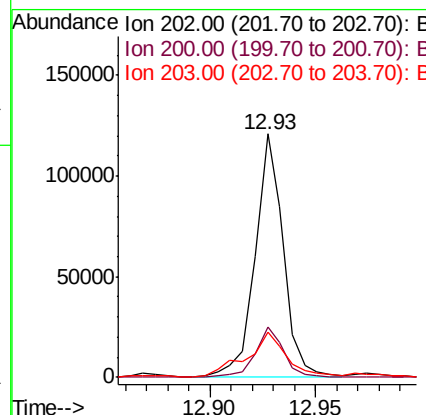
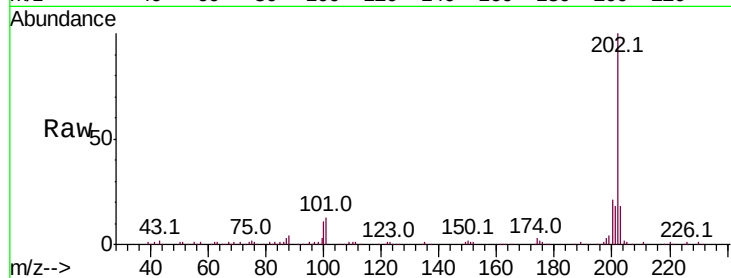
#78
Pvrene
Concen: 8.117 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Instrument :
BNA_F
ClientSampleId :
TP-5S

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.6
203	18.4	14.2	21.4

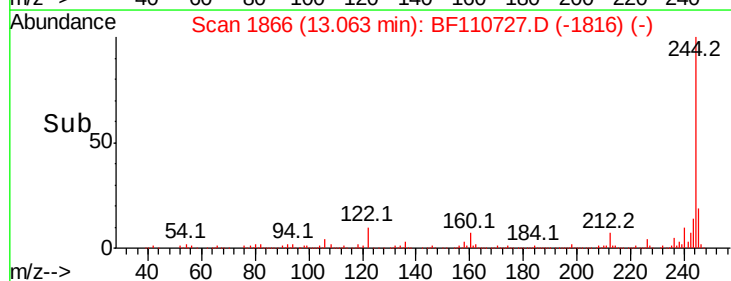
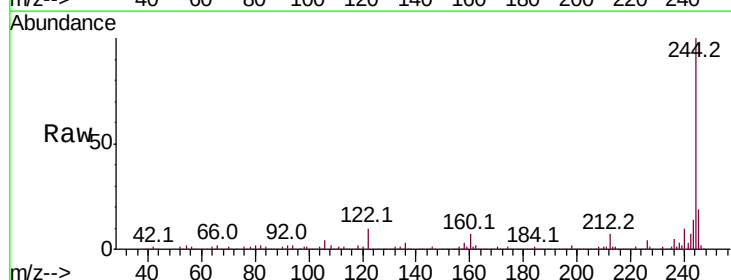
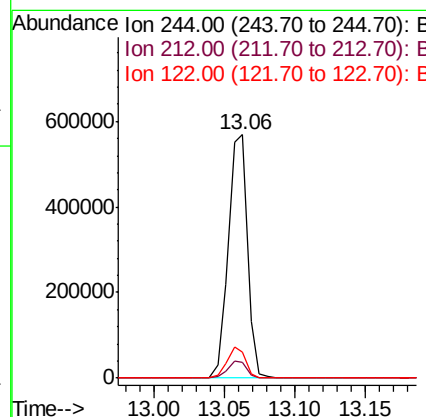
Manual Integrations
APPROVED

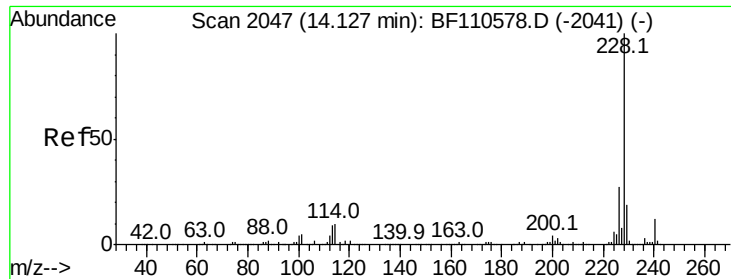
Sohil
11/14/2018 1:48:47 PM



#79
Terphenyl-d14
Concen: 55.733 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	10.4	8.7	13.1





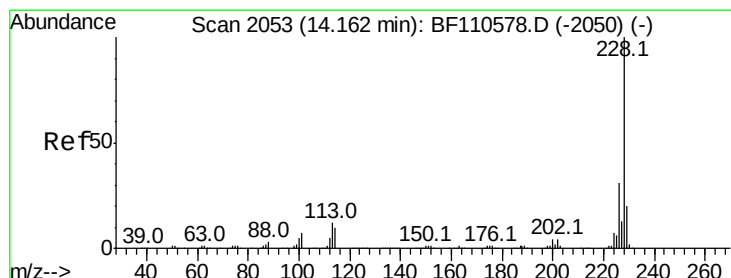
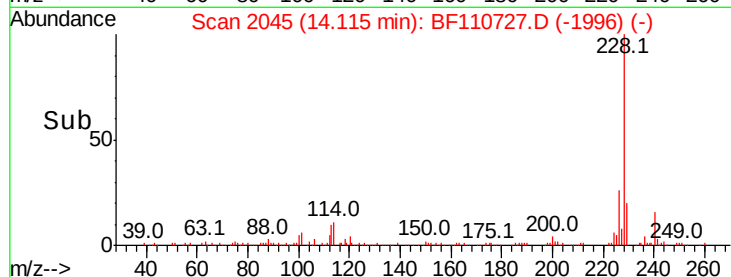
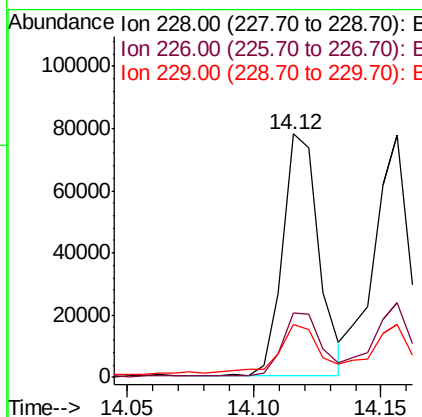
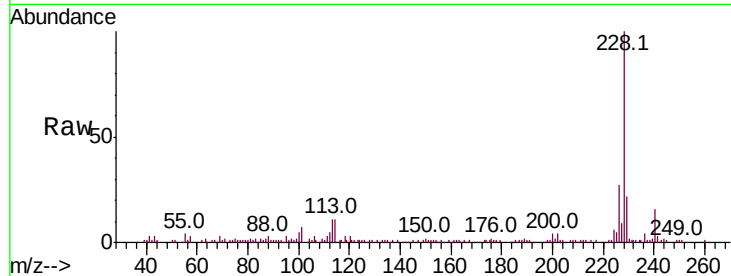
#81
Benzo(a)anthracene
Concen: 7.114 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Instrument :
BNA_F
ClientSampled :
TP-5S

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.1	33.1
229	21.6	15.6	23.4

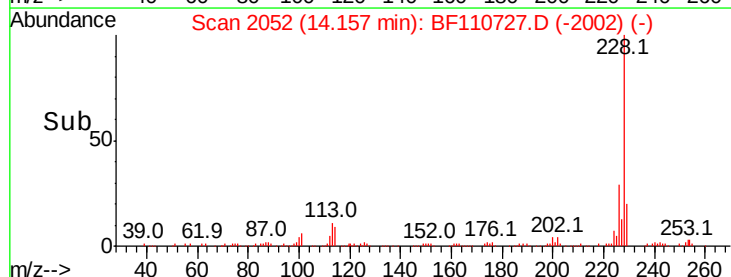
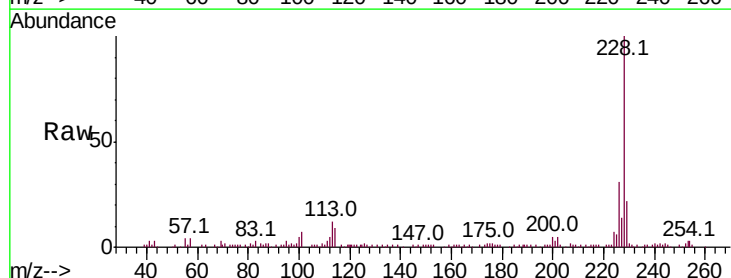
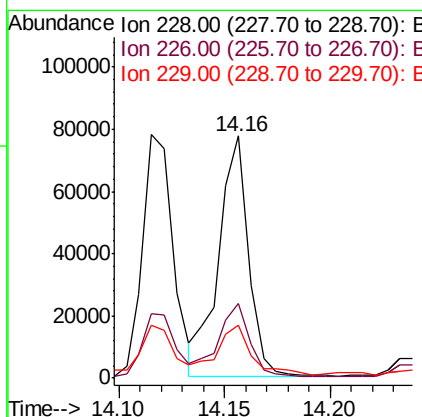
Manual Integrations
APPROVED

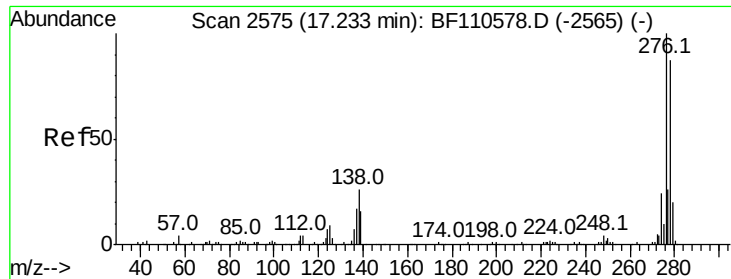
Sohil
11/14/2018 1:48:47 PM



#83
Chrysene
Concen: 7.348 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	22.0	15.9	23.9





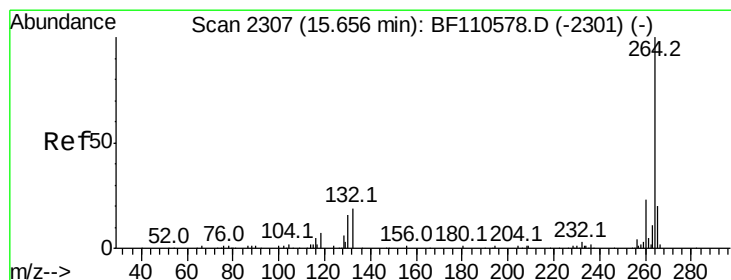
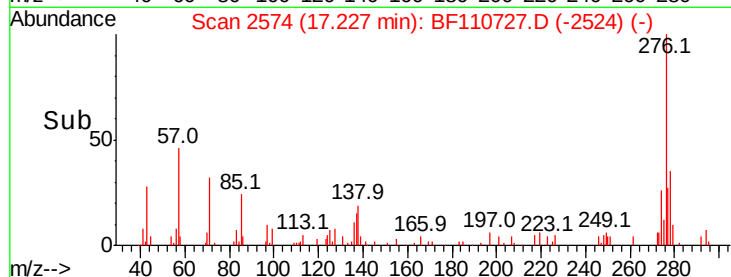
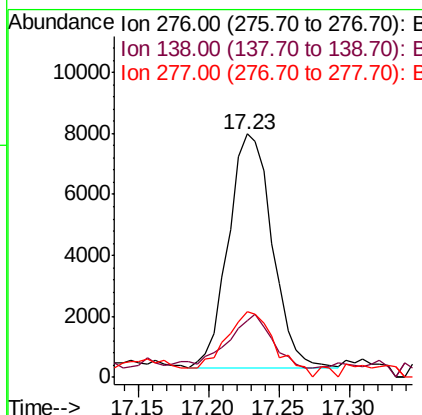
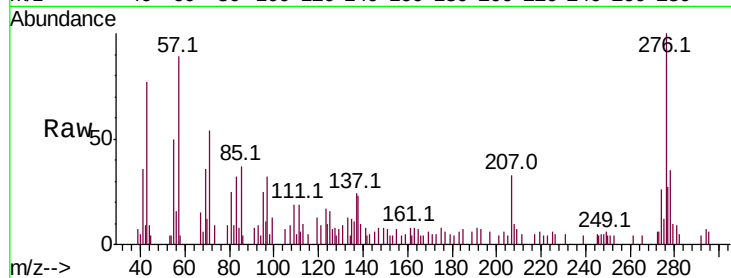
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.247 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Instrument :
BNA_F
ClientSampled :
TP-5S

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	18.5	27.7
277	32.7	20.0	30.0

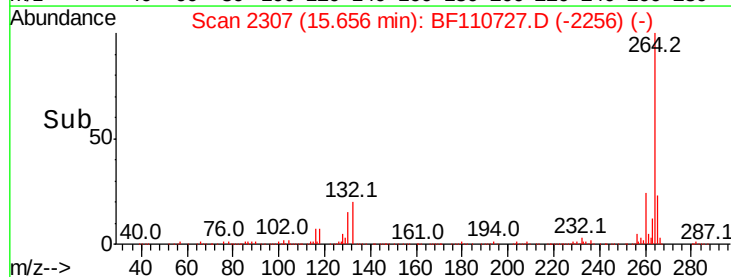
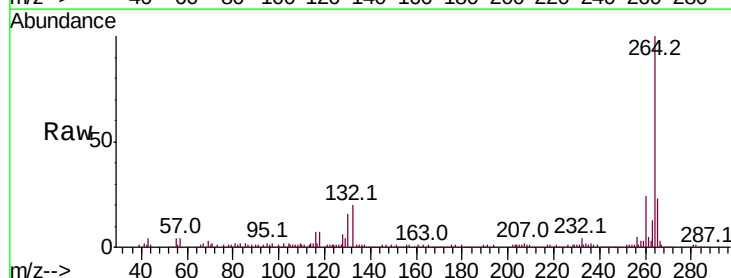
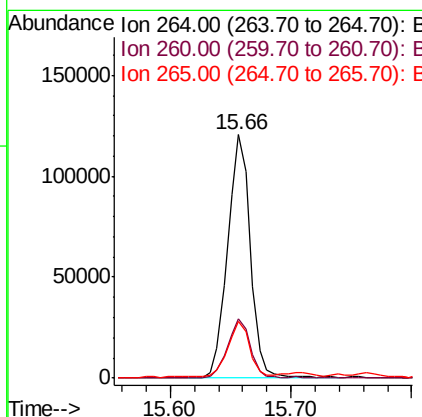
Manual Integrations
APPROVED

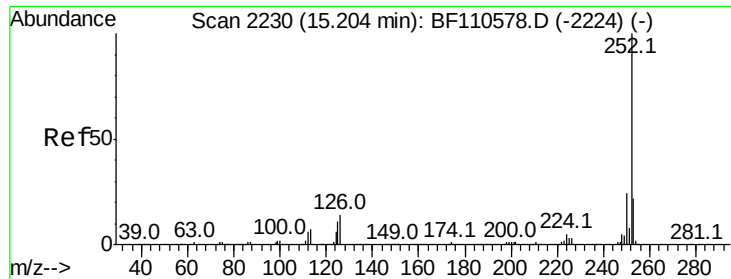
Sohil
11/14/2018 1:48:47 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	23.2	16.7	25.1





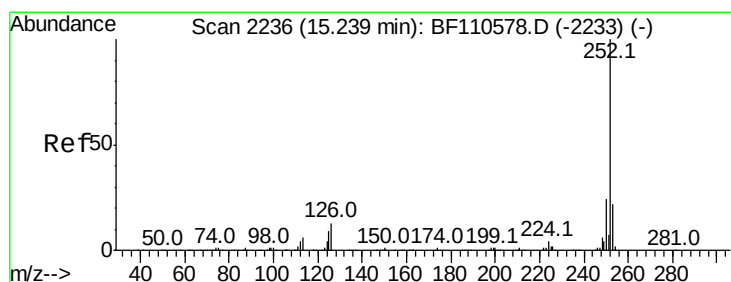
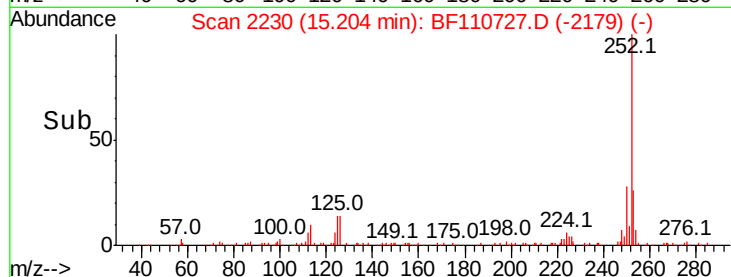
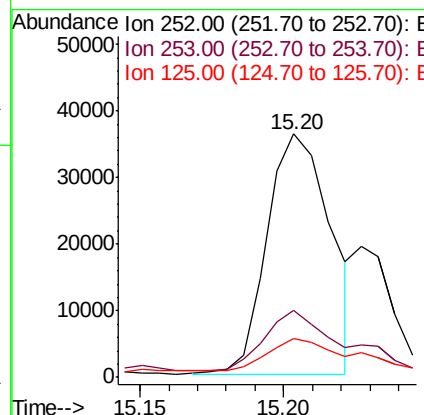
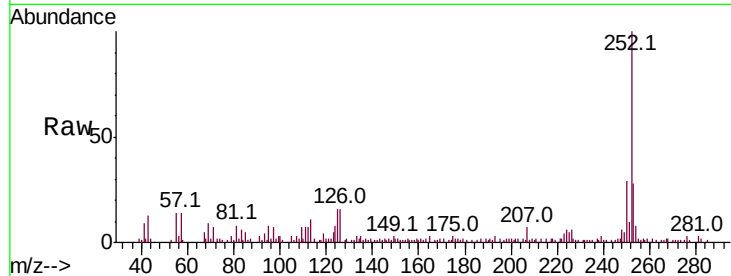
#88
Benzo(b)fluoranthene
Concen: 5.860 ng m
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Instrument :
BNA_F
ClientSampled :
TP-5S

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.2	25.8#
125	15.9	8.2	12.4#

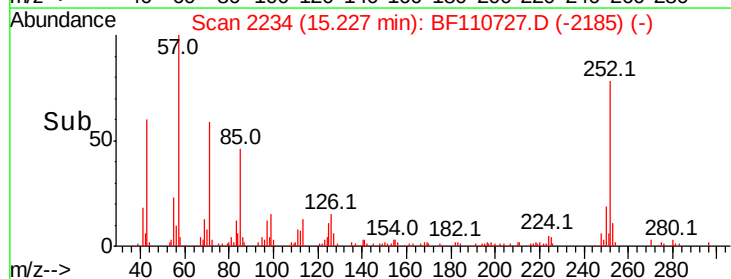
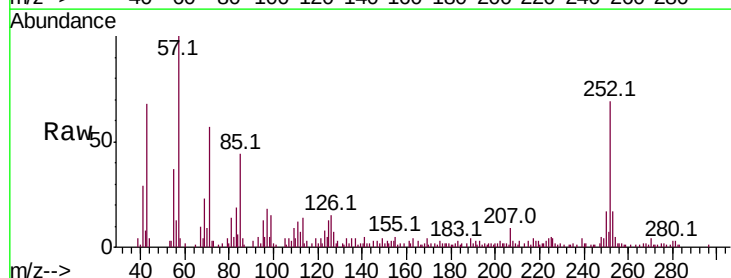
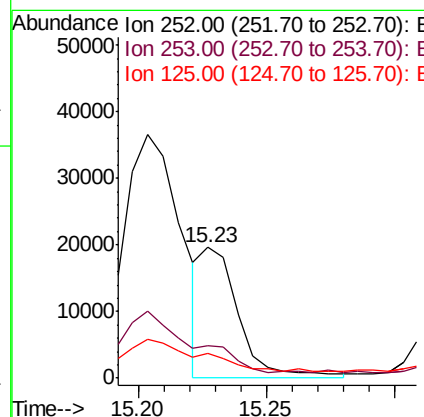
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APPROVED

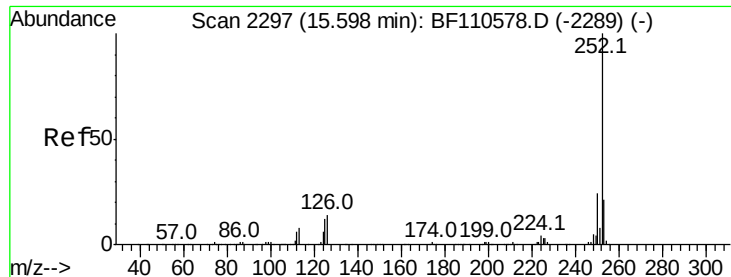
Sohil
11/14/2018 1:48:47 PM



#89
Benzo(k)fluoranthene
Concen: 2.104 ng m
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.2	25.8
125	18.7	7.4	11.0#





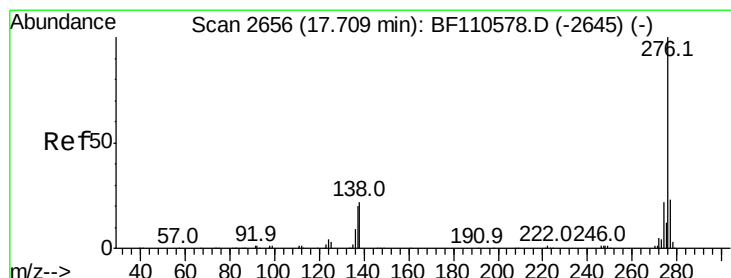
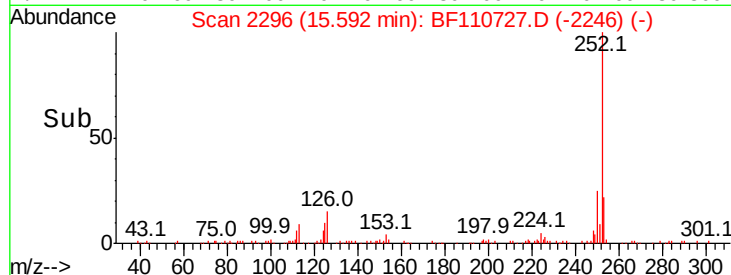
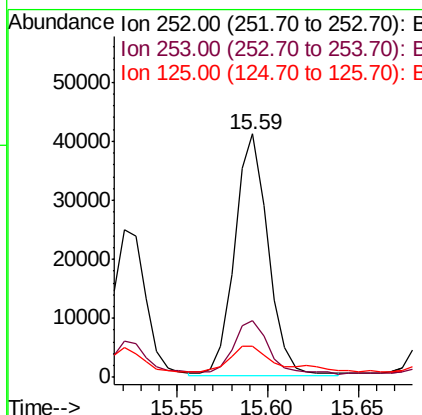
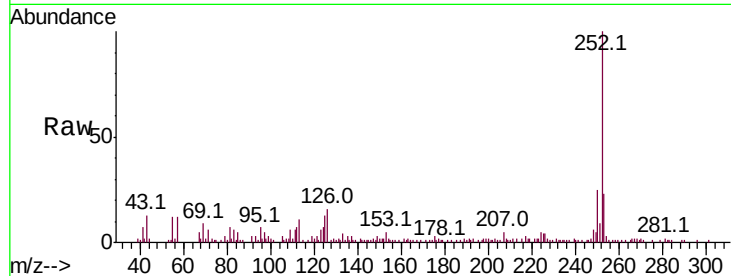
#90
Benzo(a)pyrene
Concen: 6.046 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Instrument :
BNA_F
ClientSampled :
TP-5S

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	12.6	9.0	13.6

Manual Integrations
APPROVED

Sohil
11/14/2018 1:48:47 PM



#92
Benzo(g,h,i)perylene
Concen: 2.322 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.8	28.2
138	22.2	16.0	24.0

