

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
 Data File : BF113041.D
 Acq On : 13 Mar 2019 21:16
 Operator : JU/SJ
 Sample : K1871-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Manual Integrations
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Sohil
 3/14/2019 10:50:07 AM

Quant Time: Mar 14 02:32:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	151194	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	581738	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	191376	20.00	ng	0.00
64) Phenanthrene-d10	11.28	188	252037	20.00	ng	0.04
76) Chrysene-d12	13.89	240	318612	20.00	ng	0.02
87) Perylene-d12	15.29	264	436681	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	907145	93.33	ng	0.00
7) Phenol-d6	6.37	99	1207624	98.91	ng	0.00
23) Nitrobenzene-d5	7.29	82	754027	77.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	256722	126.36	ng	0.02
45) 2-Fluorobiphenyl	9.09	172	1340485	138.34	ng	0.00
79) Terphenyl-d14	12.86	244	828901	50.43	ng	0.04
Target Compounds						
50) Dimethylphthalate	9.48	163	159109	11.275	ng	# 77
71) Phenanthrene	11.30	178	89422	7.131	ng	# 26
75) Fluoranthene	12.49	202	116873	8.699	ng	# 84
78) Pyrene	12.72	202	152651	5.683	ng	# 89
81) Benzo(a)anthracene	13.88	228	93124	4.217	ng	# 86
83) Chrysene	13.92	228	89618	4.143	ng	# 88
86) Indeno(1,2,3-cd)pyrene	16.63	276	78882m	4.278	ng	
88) Benzo(b)fluoranthene	14.89	252	134969m	4.778	ng	
90) Benzo(a)pyrene	15.23	252	113408	4.539	ng	# 73
92) Benzo(g,h,i)perylene	17.04	276	80966	3.782	ng	95

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

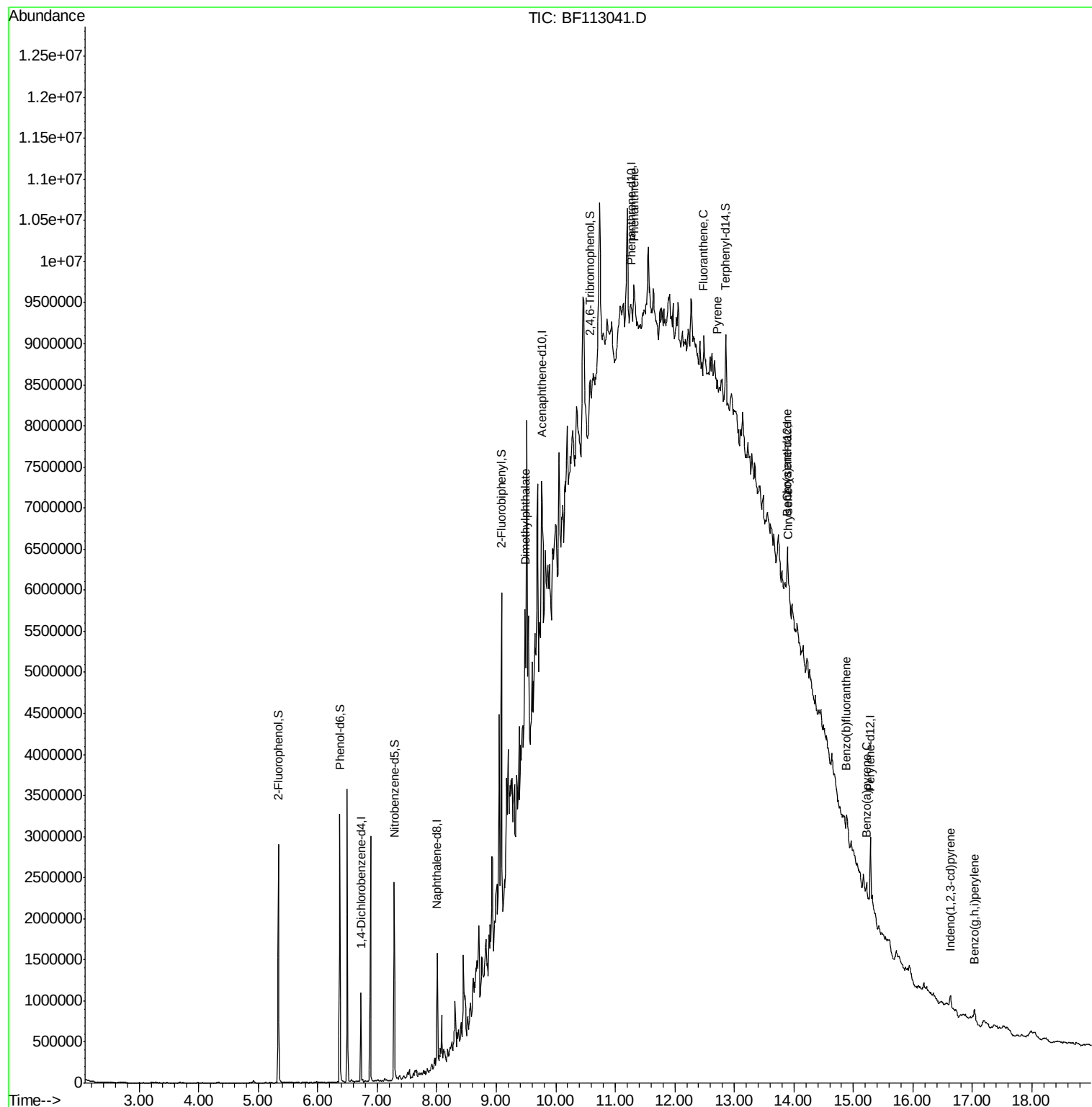
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
Data File : BF113041.D
Acq On : 13 Mar 2019 21:16
Operator : JU/SJ
Sample : K1871-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

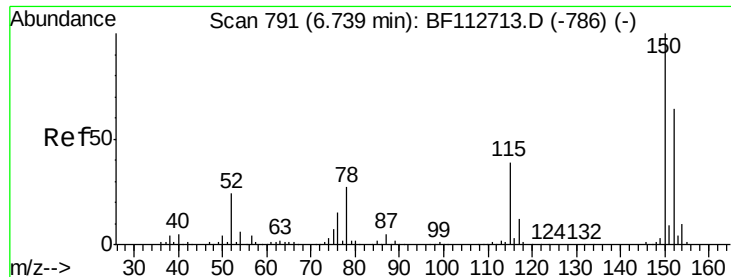
Instrument :
BNA_F
ClientSampled :
TP-2

Manual Integrations
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#1

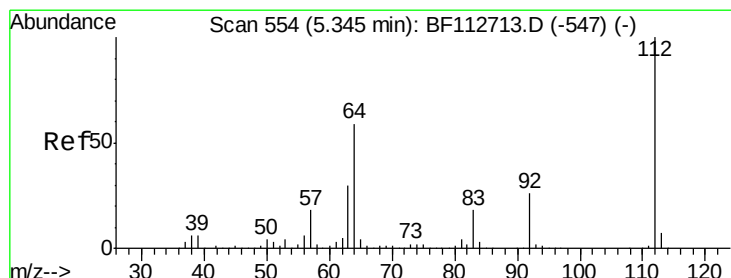
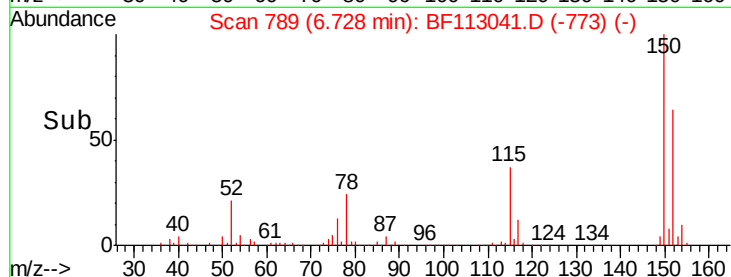
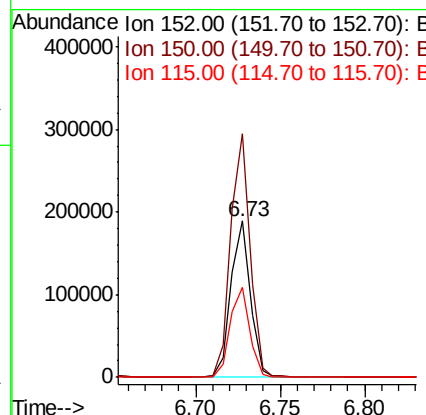
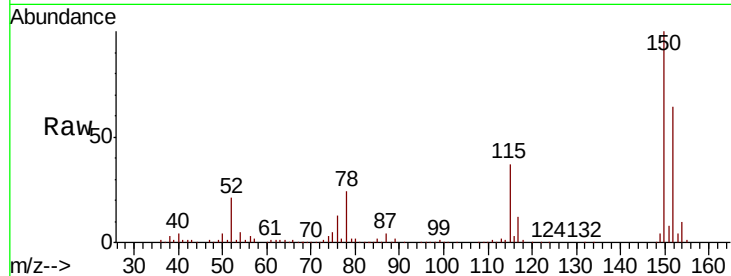
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113041.D
Acq: 13 Mar 2019 21:16

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.2	186.2
115	57.3	48.2	72.4

Manual Integrations
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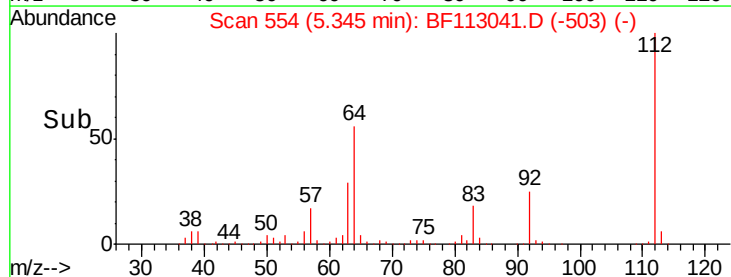
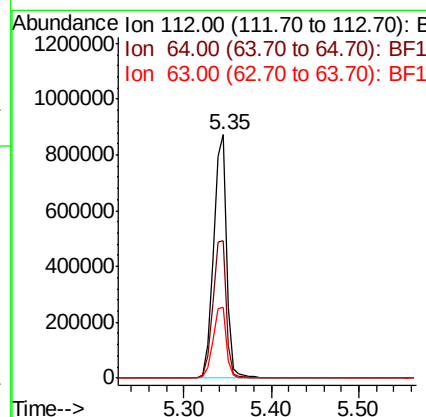
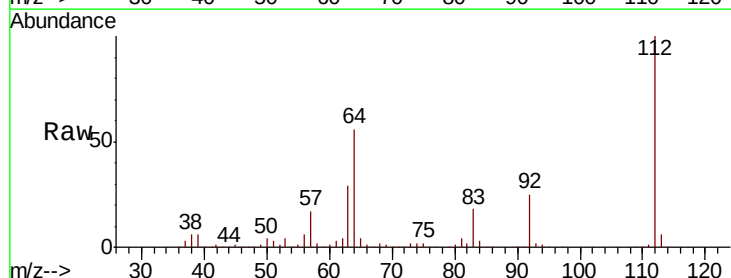
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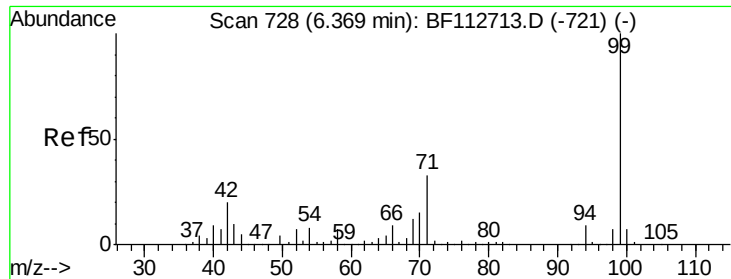


#5

2-Fluorophenol
Concen: 93.331 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113041.D
Acq: 13 Mar 2019 21:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.6	71.4
63	28.8	24.4	36.6





#7

Phenol-d6

Concen: 98.908 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113041.D

Acq: 13 Mar 2019 21:16

Instrument :

BNA_F

ClientSampled :

TP-2

Tot Ion: 99 Resp: 1207624

Ion Ratio Lower Upper

99 100

42 18.5 16.3 24.5

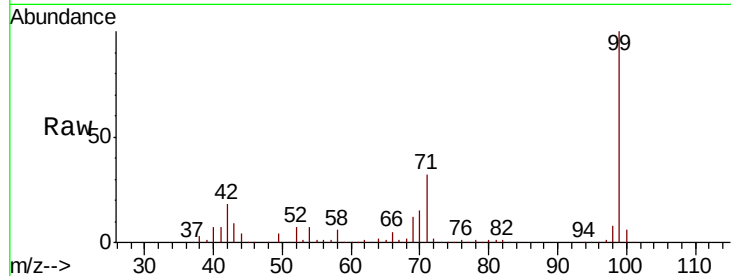
71 32.2 26.2 39.4

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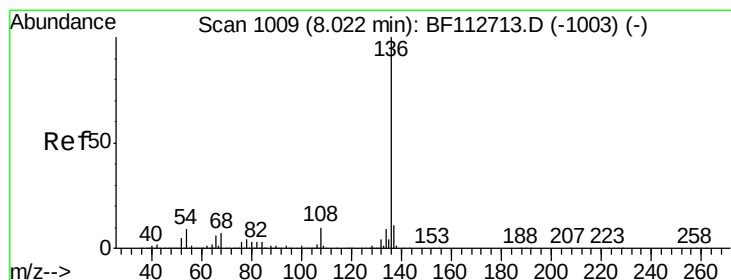
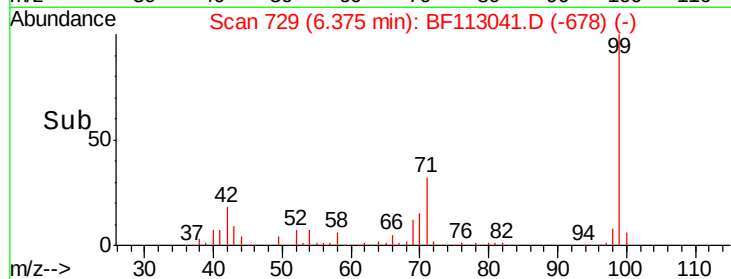
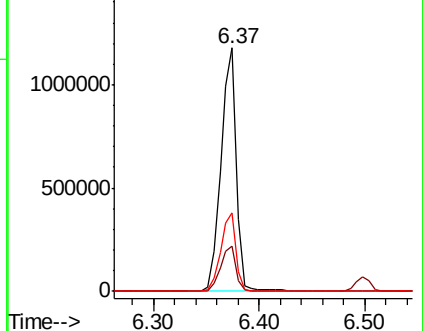
3/14/2019 10:50:07 AM



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113041.D

Acq: 13 Mar 2019 21:16

Tgt Ion: 136 Resp: 581738

Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.7 7.3 10.9

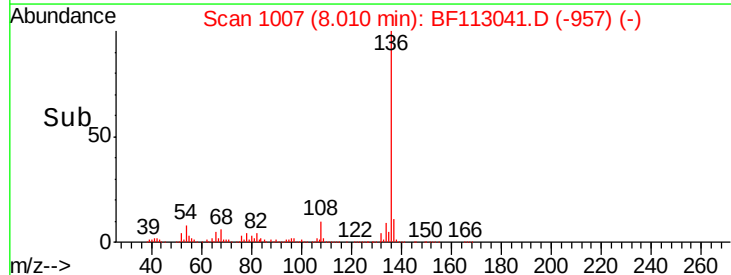
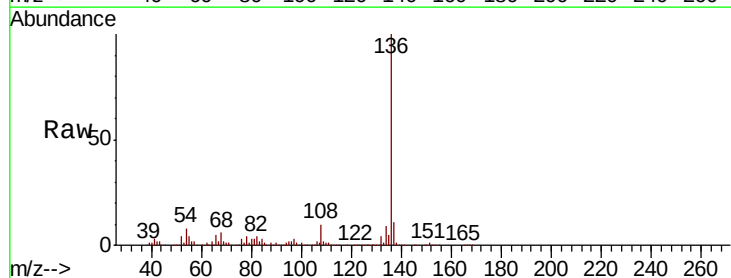
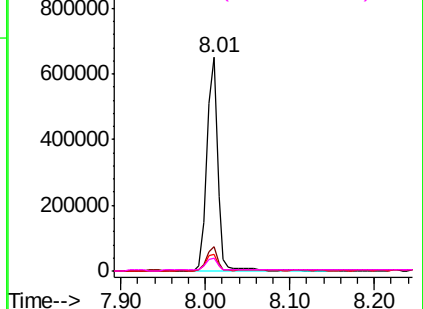
68 6.2 5.4 8.2

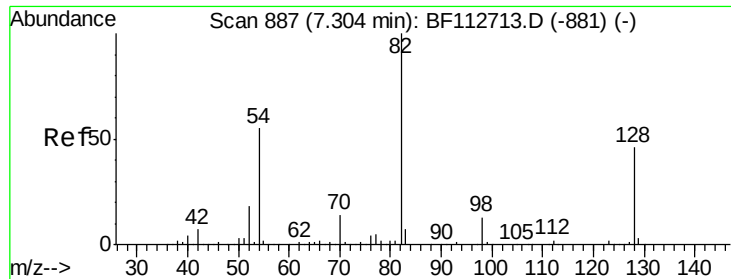
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





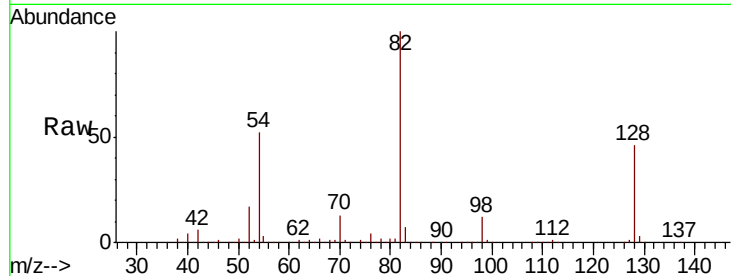
#23
Nitrobenzene-d5
Concen: 77.560 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113041.D
Acq: 13 Mar 2019 21:16

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.3	54.5
54	52.2	43.7	65.5

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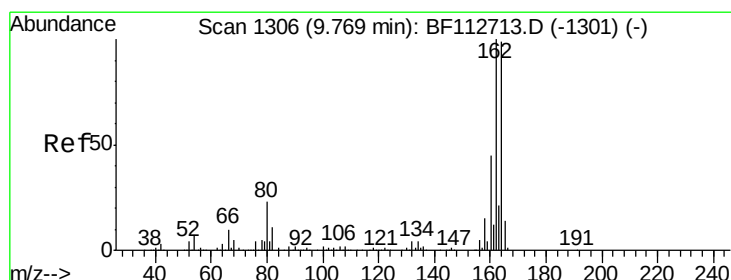
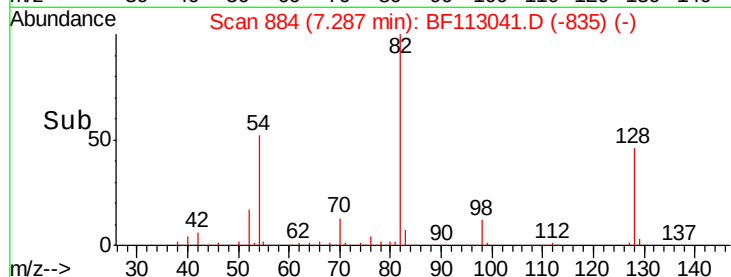
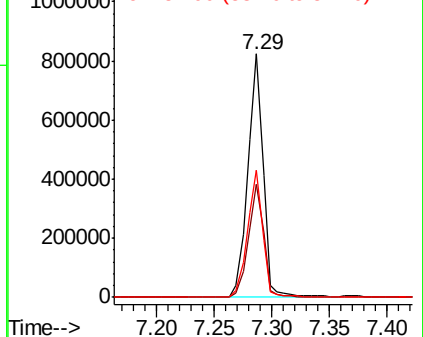


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF113041.D
Acq: 13 Mar 2019 21:16

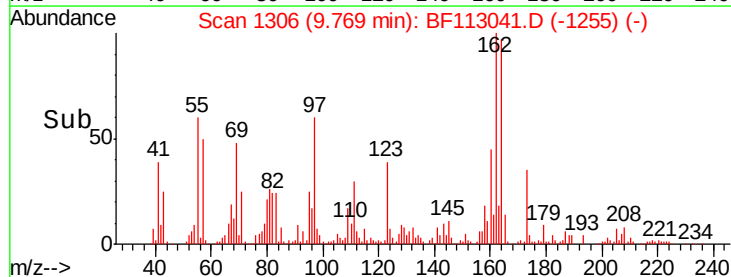
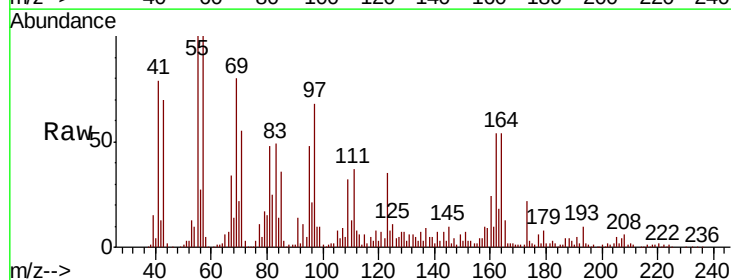
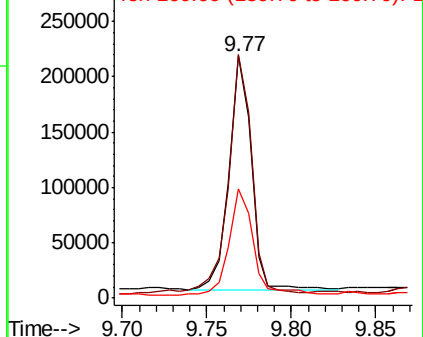
Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.6	120.8
160	45.3	36.0	54.0

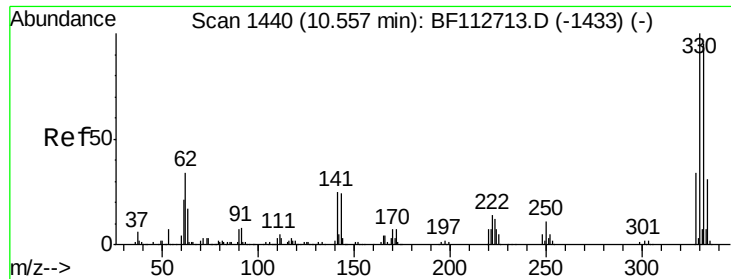
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





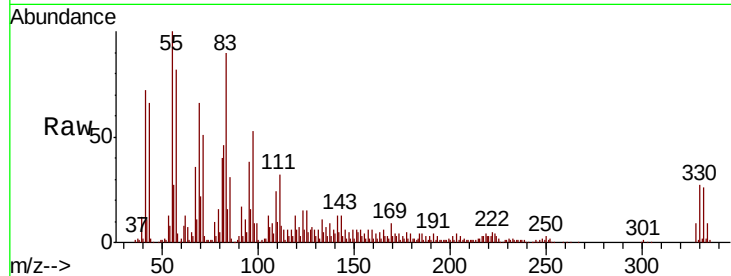
#42
 2,4,6-Tribromophenol
 Concen: 126.358 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.02 min
 Lab File: BF113041.D
 Acq: 13 Mar 2019 21:16

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	76.2	114.4	
141	23.7	27.0	40.6	

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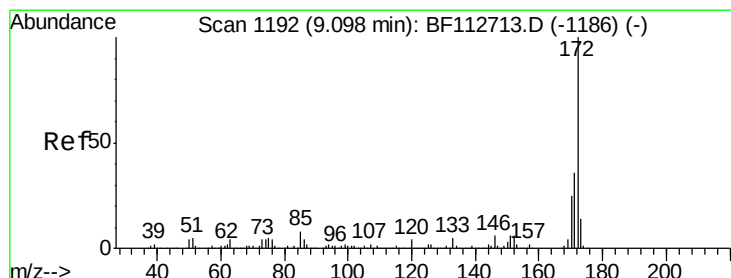
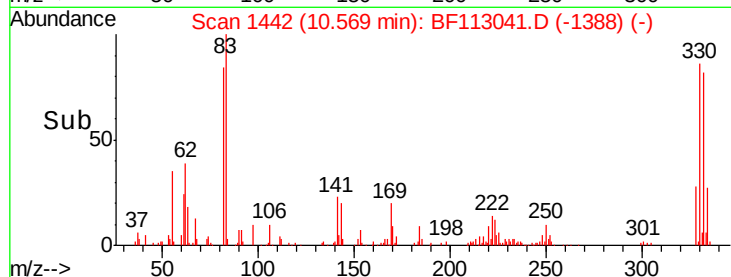
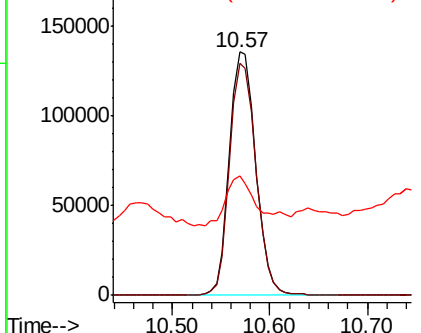


Abundance

Ion 329.80 (329.50 to 330.50): E

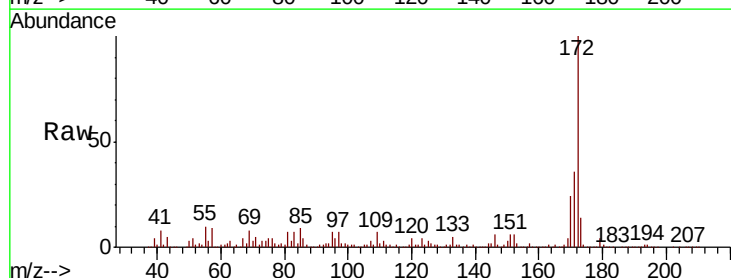
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 138.345 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113041.D
 Acq: 13 Mar 2019 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.8	29.0	43.4	
170	24.2	20.0	30.0	

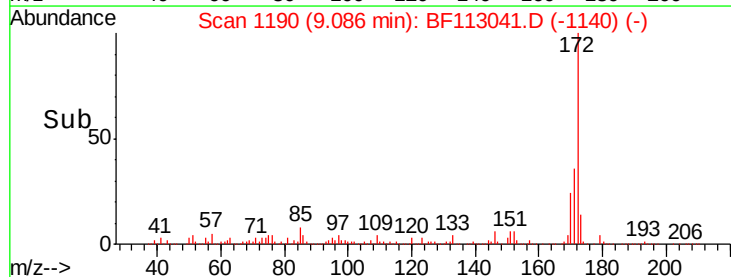
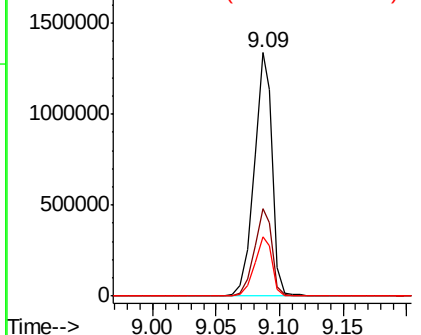


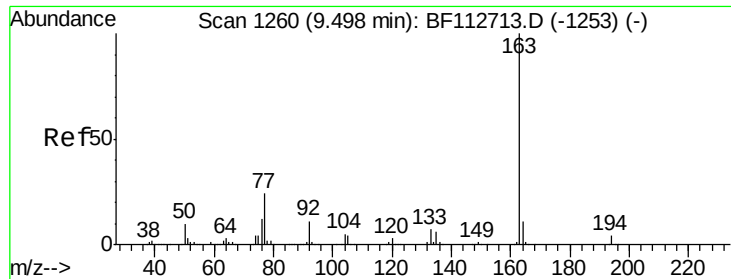
Abundance

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: 11.275 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF113041.D

Acq: 13 Mar 2019 21:16

Instrument :

BNA_F

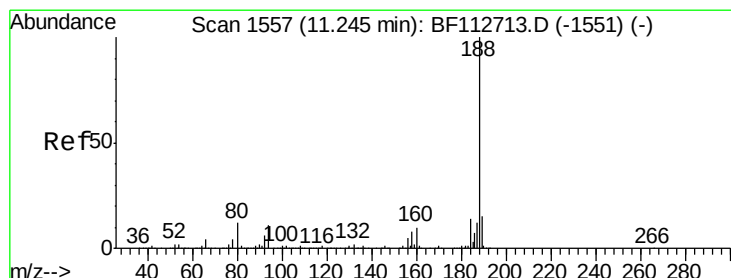
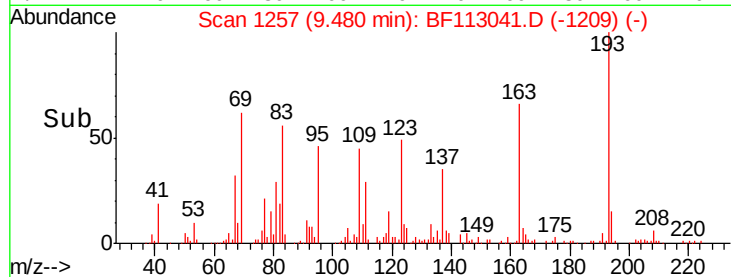
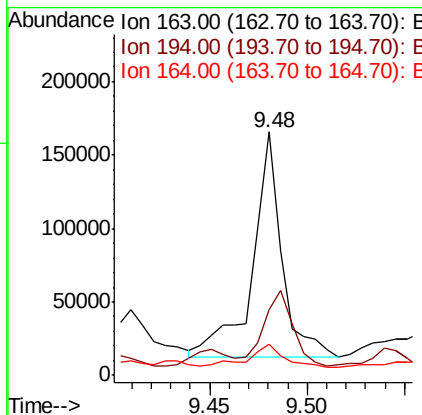
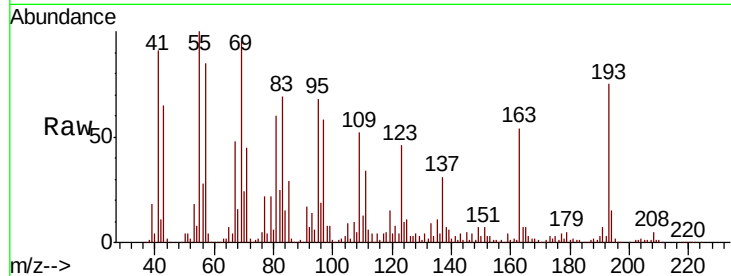
ClientSampled :

TP-2

Tot Ion:	163	Resp:	159109
Ion Ratio	Lower	Upper	
163	100		
194	26.8	3.0	4.4#
164	12.6	8.4	12.6#

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#64

Phenanthrene-d10

Concen: 20.000 ng

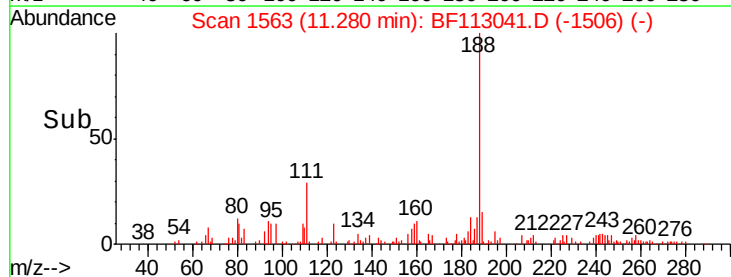
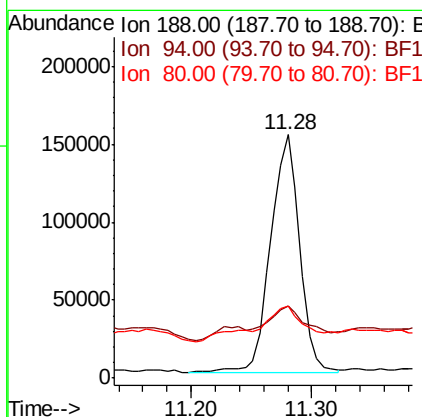
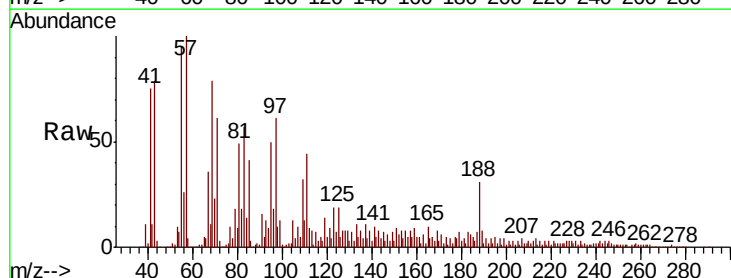
RT: 11.28 min Scan# 1563

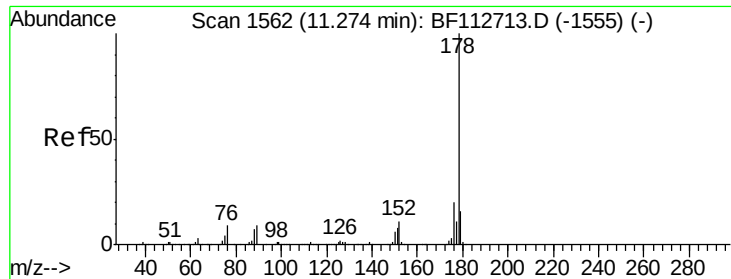
Delta R.T. 0.04 min

Lab File: BF113041.D

Acq: 13 Mar 2019 21:16

Tgt Ion:	188	Resp:	252037
Ion Ratio	Lower	Upper	
188	100		
94	29.5	9.0	13.4#
80	29.6	9.2	13.8#





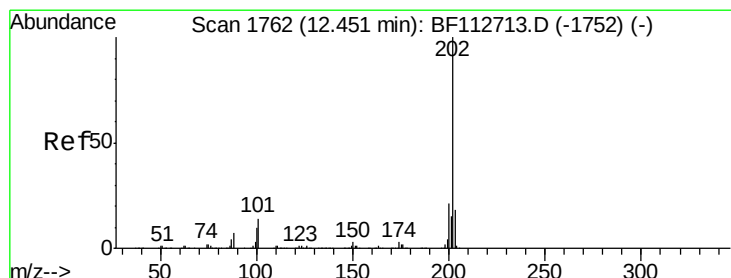
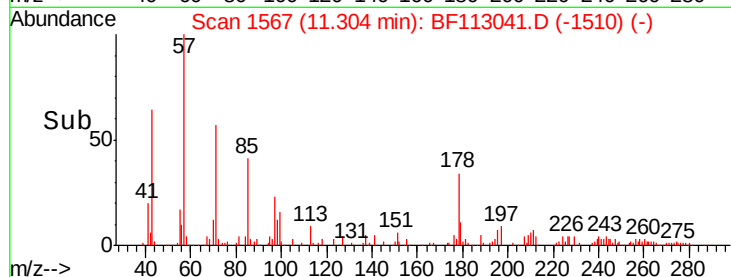
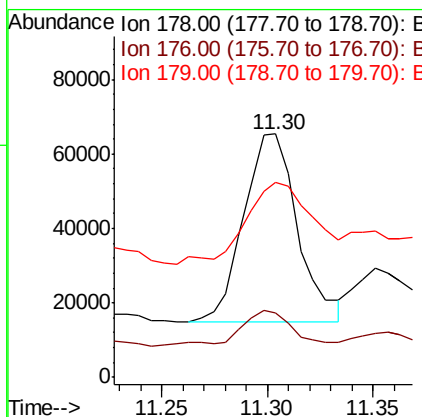
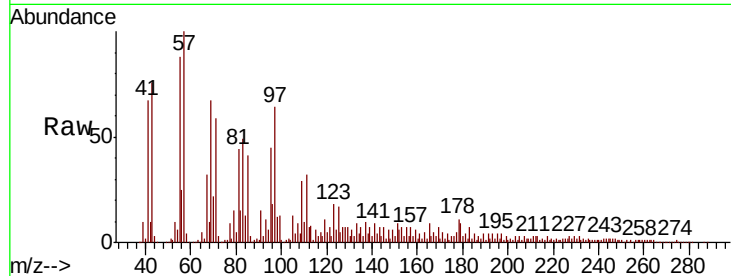
#71
Phenanthrene
Concen: 7.131 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.04 min
Lab File: BF113041.D
Acq: 13 Mar 2019 21:16

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
178	100		
176	26.6	16.3	24.5#
179	80.2	12.7	19.1#

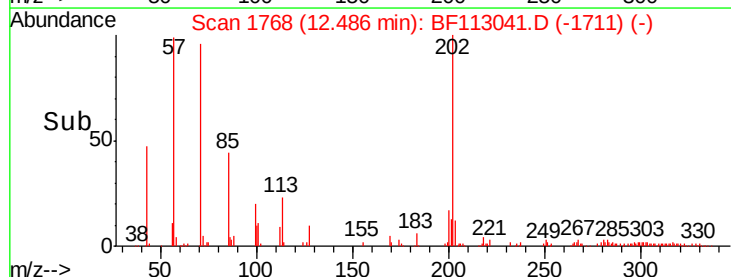
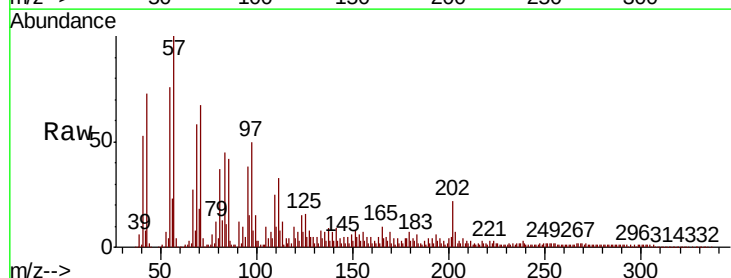
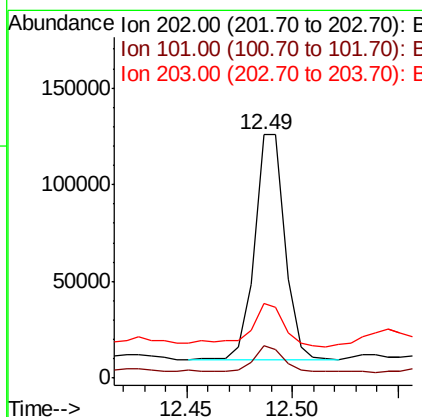
Manual Integrations
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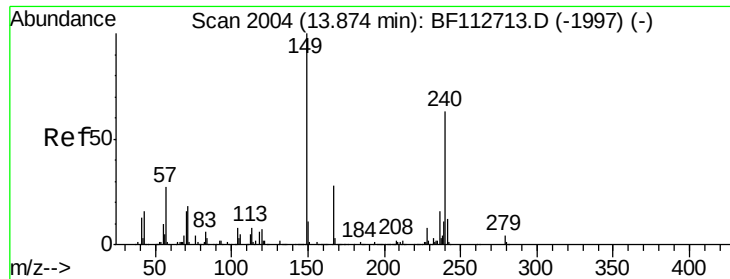
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#75
Fluoranthene
Concen: 8.699 ng
RT: 12.49 min Scan# 1768
Delta R.T. 0.04 min
Lab File: BF113041.D
Acq: 13 Mar 2019 21:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.8
203	30.4	0.0	38.4





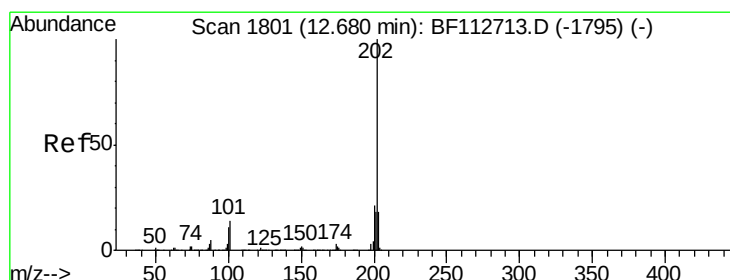
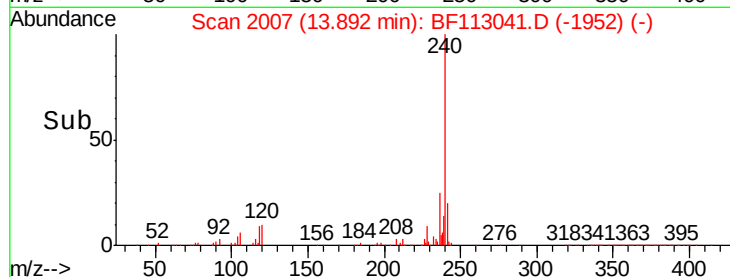
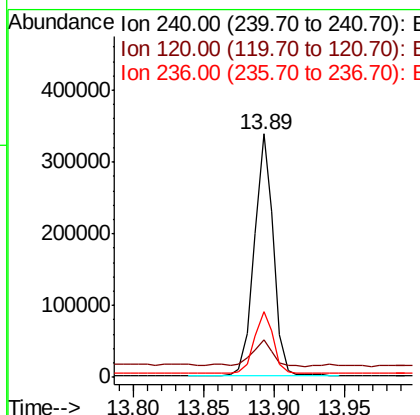
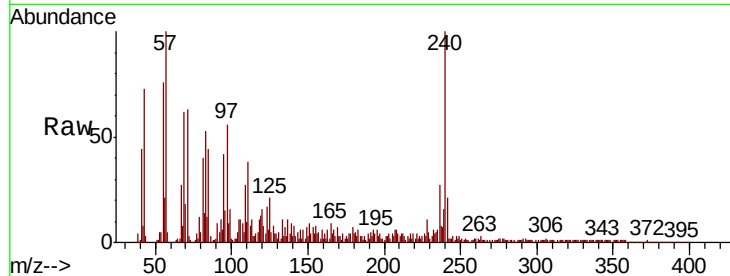
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.02 min
Lab File: BF113041.D
Acq: 13 Mar 2019 21:16

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	15.6	8.9	13.3	
236	27.1	20.7	31.1	

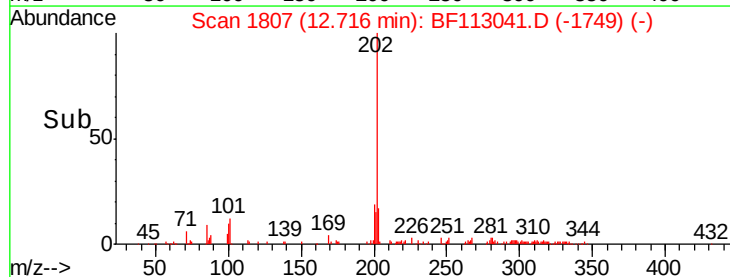
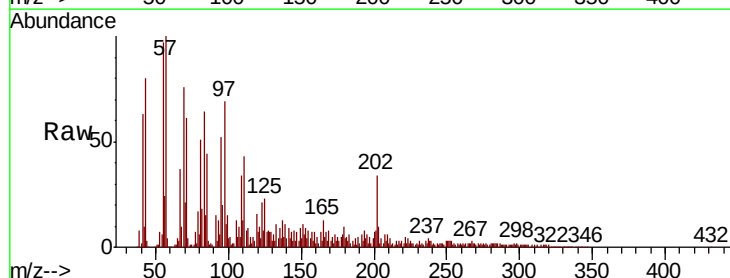
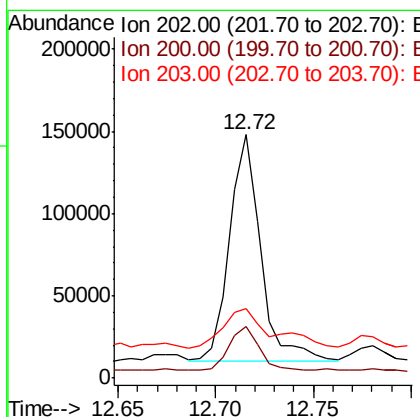
Manual Integrations
APPROVED

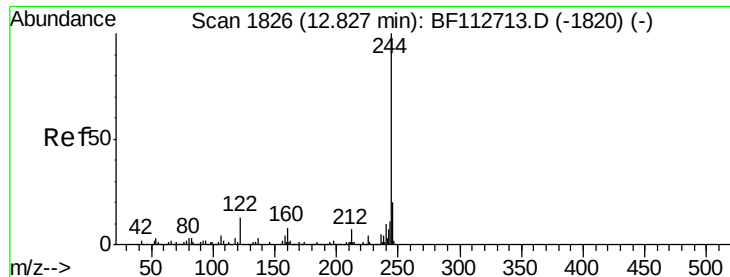
Sohil
3/14/2019 10:50:07 AM



#78
Pyrene
Concen: 5.683 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.04 min
Lab File: BF113041.D
Acq: 13 Mar 2019 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.0	17.0	25.4	
203	28.8	14.4	21.6	





#79

Terphenyl-d14

Concen: 50.432 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.04 min

Lab File: BF113041.D

Acq: 13 Mar 2019 21:16

Instrument :

BNA_F

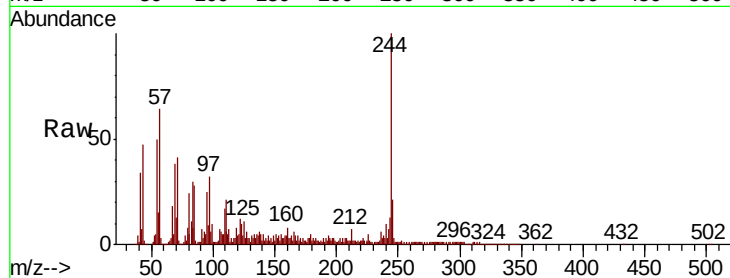
ClientSampled :

TP-2

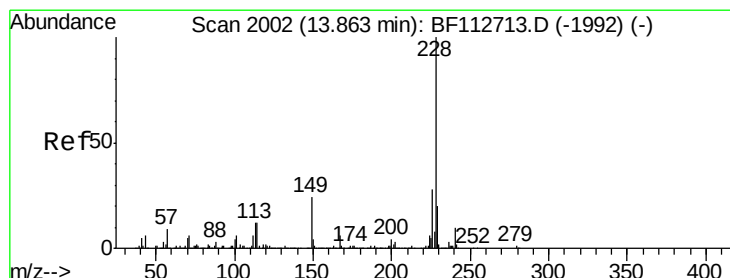
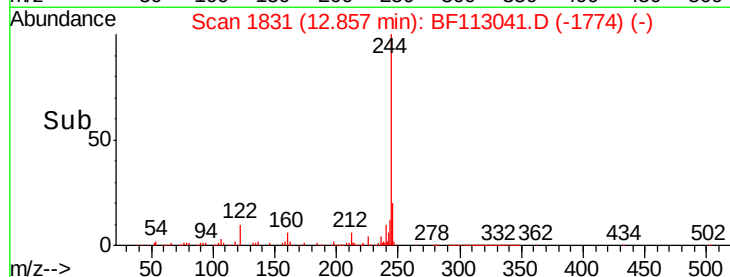
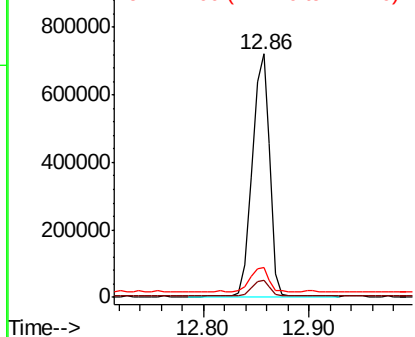
Tot Ion:	244	Resp:	828901
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.6	8.4
122	12.3	10.5	15.7

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 4.217 ng

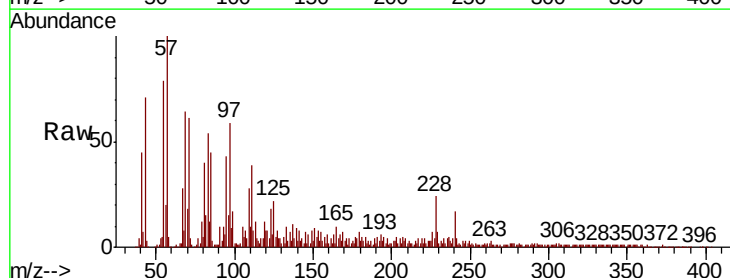
RT: 13.88 min Scan# 2005

Delta R.T. 0.02 min

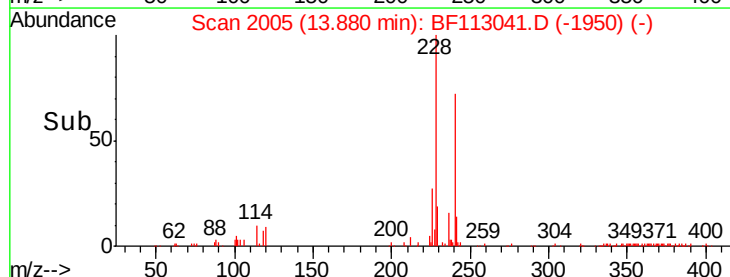
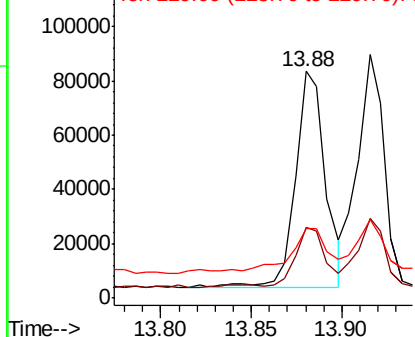
Lab File: BF113041.D

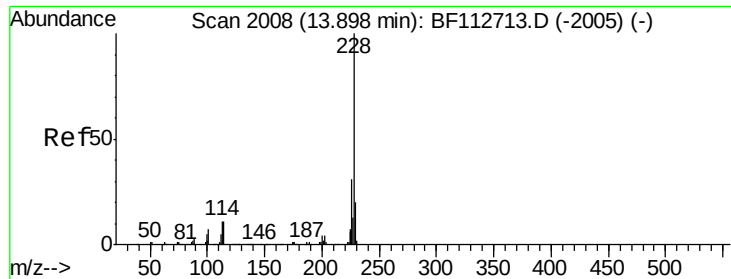
Acq: 13 Mar 2019 21:16

Tgt Ion:	228	Resp:	93124
Ion Ratio	Lower	Upper	
228	100		
226	31.5	22.2	33.4
229	30.6	16.0	24.0#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





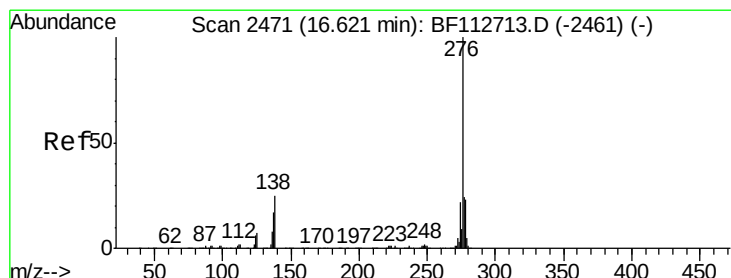
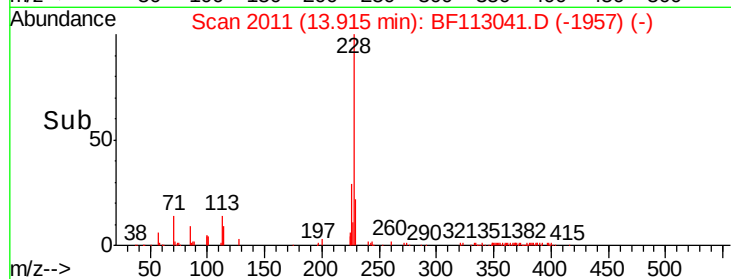
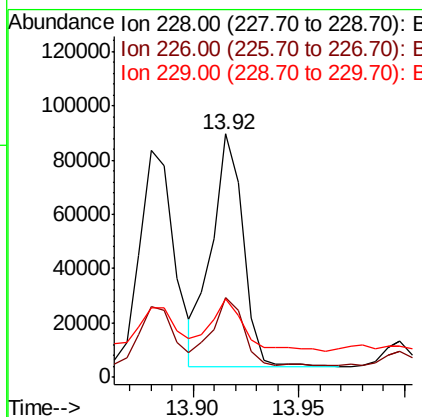
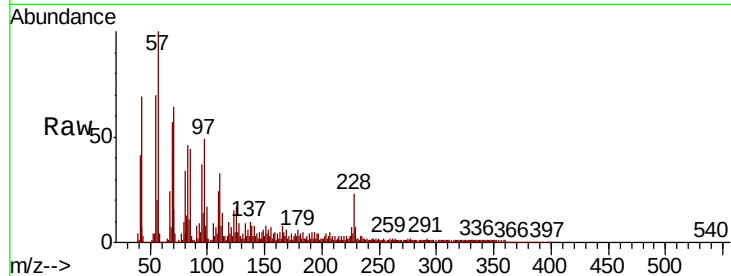
#83
Chrysene
Concen: 4.143 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.02 min
Lab File: BF113041.D
Acq: 13 Mar 2019 21:16

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.9	37.3
229	32.5	16.3	24.5

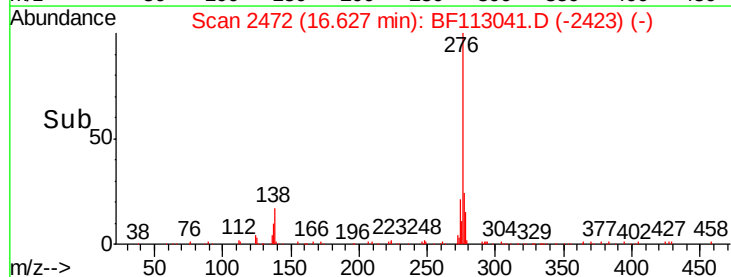
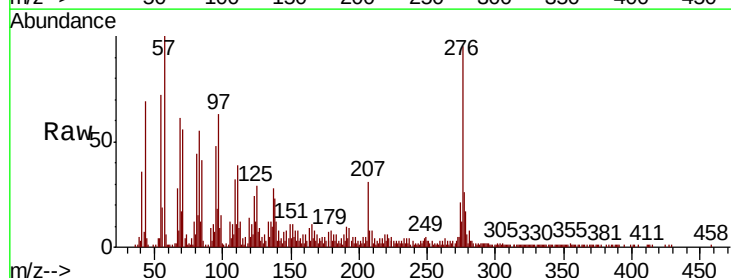
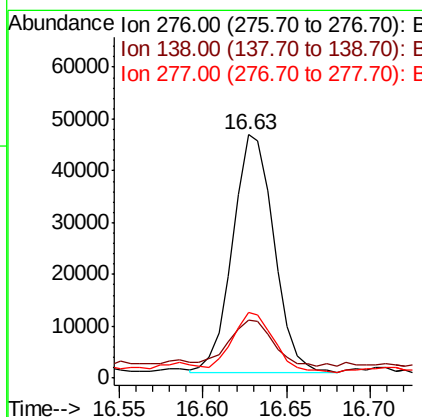
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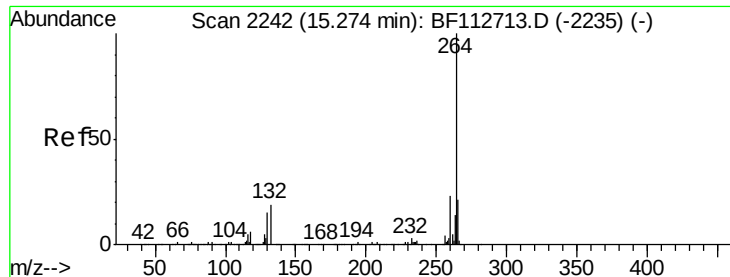
Sohil
3/14/2019 10:50:07 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 4.278 ng m
RT: 16.63 min Scan# 2472
Delta R.T. -0.01 min
Lab File: BF113041.D
Acq: 13 Mar 2019 21:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.8	23.2	34.8
277	5.2	19.9	29.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2244

Delta R.T. 0.01 min

Lab File: BF113041.D

Acq: 13 Mar 2019 21:16

Instrument :

BNA_F

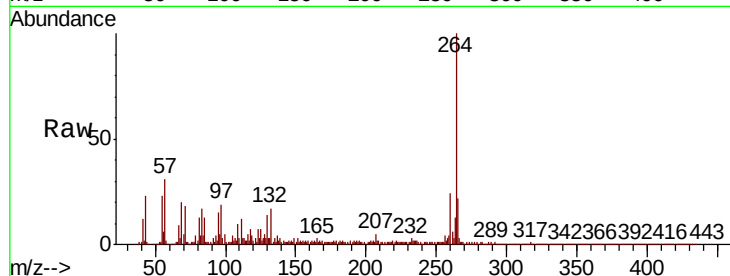
ClientSampled :

TP-2

Tot Ion:	264	Resp:	436681
Ion Ratio	Lower	Upper	
264	100		
260	24.2	18.7	28.1
265	22.2	17.2	25.8

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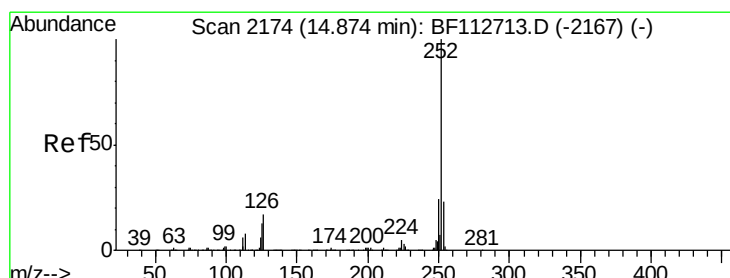
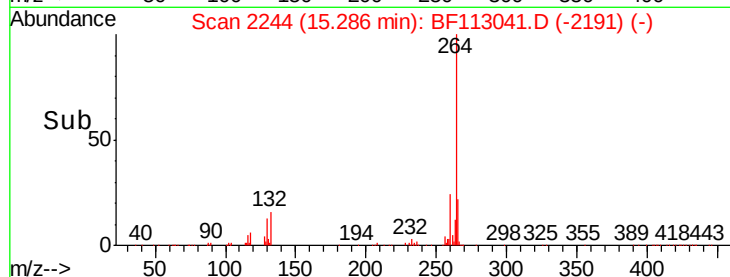
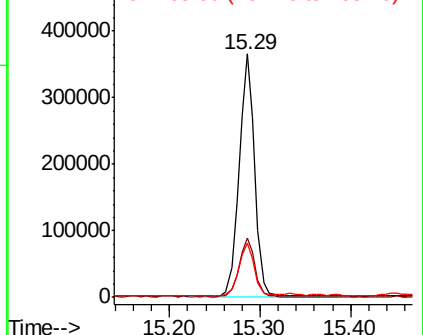


Abundance

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: 4.778 ng m

RT: 14.89 min Scan# 2177

Delta R.T. 0.02 min

Lab File: BF113041.D

Acq: 13 Mar 2019 21:16

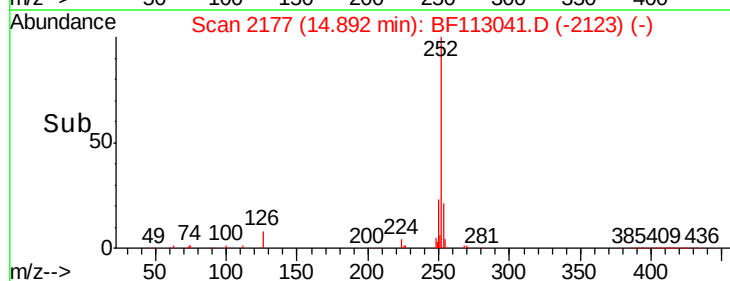
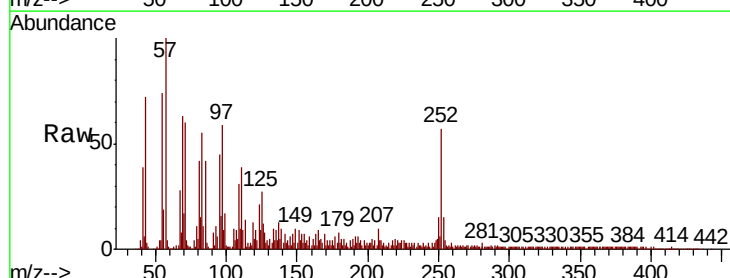
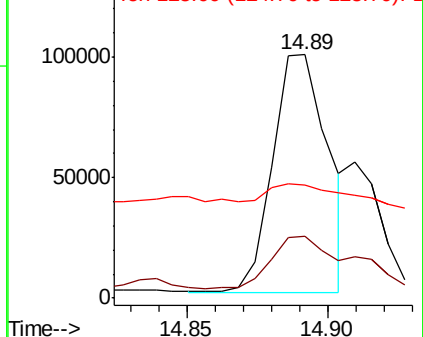
Tgt Ion:	252	Resp:	134969
Ion Ratio	Lower	Upper	
252	100		
253	25.4	18.0	27.0
125	46.7	10.2	15.2#

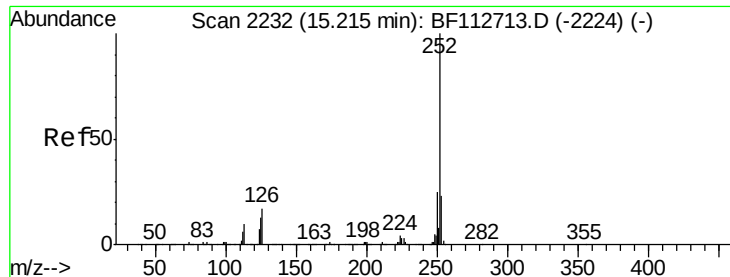
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





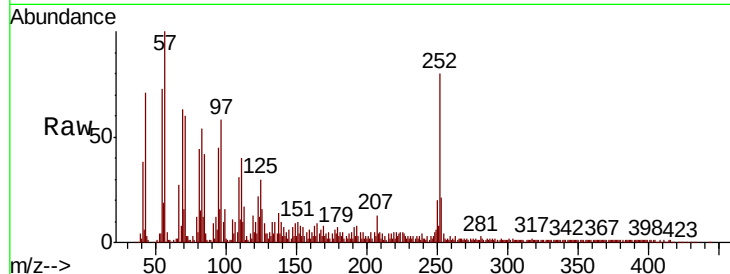
#90
Benzo(a)pyrene
Concen: 4.539 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF113041.D
Acq: 13 Mar 2019 21:16

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.0	27.0
125	37.8	10.7	16.1

Manual Integrations
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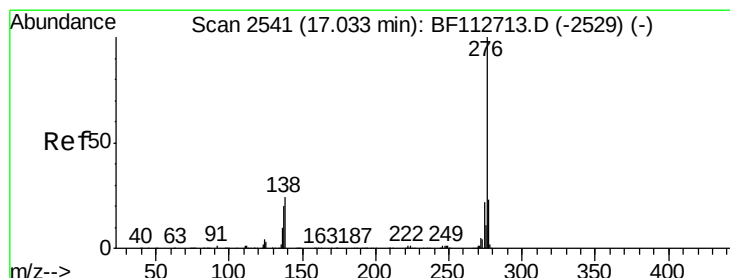
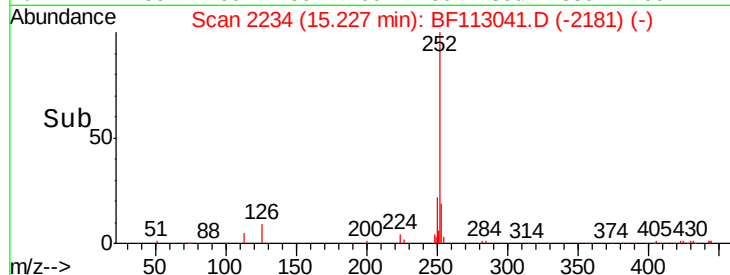
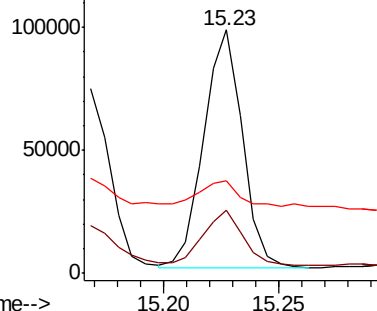


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 3.782 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF113041.D
Acq: 13 Mar 2019 21:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	27.8
138	21.2	19.4	29.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

