

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111334.D
 Acq On : 12 Dec 2018 21:06
 Operator : JU/SJ
 Sample : J6331-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Manual Integrations
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 12/13/2018 6:06:41 PM

Quant Time: Dec 13 04:05:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	256968	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	908813	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	340779	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	537937	20.00	ng	0.00
76) Chrysene-d12	13.94	240	417401	20.00	ng	-0.01
87) Perylene-d12	15.39	264	321275	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2211920	145.56	ng	0.01
7) Phenol-d6	6.43	99	2748790	134.16	ng	0.00
23) Nitrobenzene-d5	7.36	82	1652505	102.49	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	396877	132.12	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2342697	110.37	ng	0.00
79) Terphenyl-d14	12.90	244	1804139	95.13	ng	0.00
Target Compounds						
10) Phenol	6.45	94	154046	6.637	ng	90
22) Acetophenone	7.19	105	61801	2.928	ng	# 84
50) Dimethylphthalate	9.55	163	275757	11.253	ng	96
71) Phenanthrene	11.33	178	103492	3.722	ng	94
75) Fluoranthene	12.52	202	179433	6.610	ng	99
78) Pyrene	12.75	202	146996	4.563	ng	96
81) Benzo(a)anthracene	13.94	228	64673	2.769	ng	98
83) Chrysene	13.97	228	62318	2.615	ng	94
88) Benzo(b)fluoranthene	14.97	252	64147m	3.511	ng	
90) Benzo(a)pyrene	15.32	252	43903	2.581	ng	# 84

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

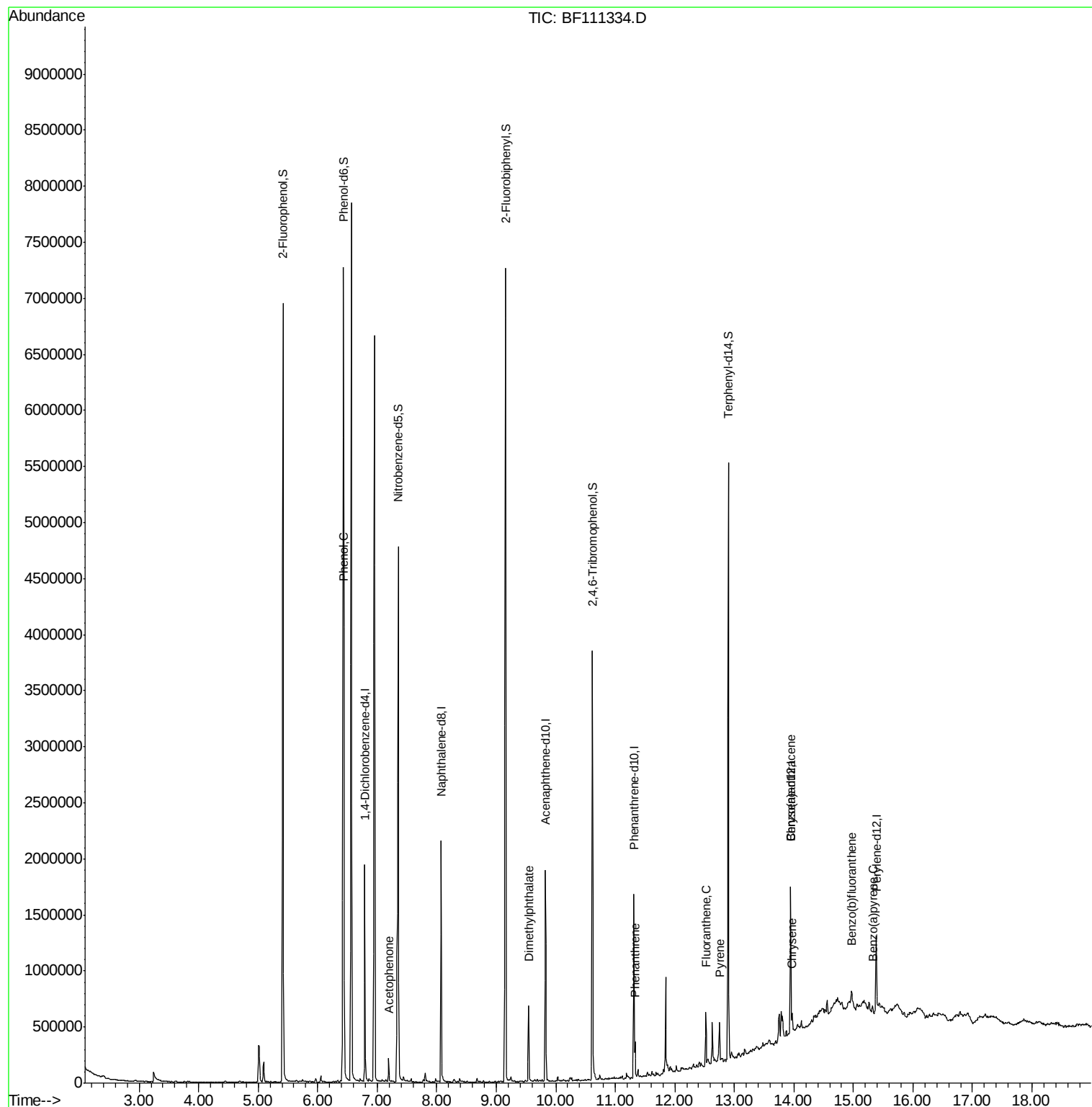
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111334.D
Acq On : 12 Dec 2018 21:06
Operator : JU/SJ
Sample : J6331-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

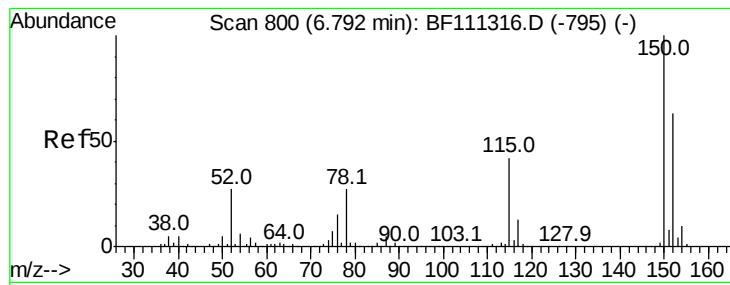
Instrument :
BNA_F
ClientSampled :
TP-4

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12/13/2018 6:06:41 PM

Quant Time: Dec 13 04:05:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

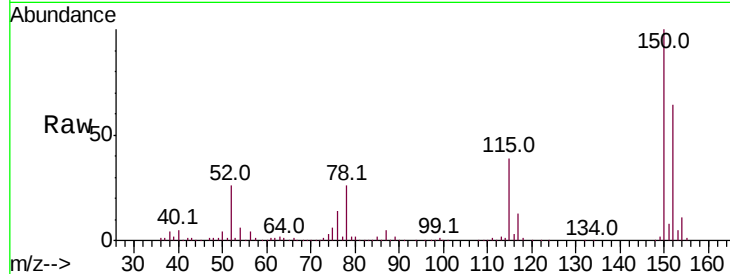
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111334.D
Acq: 12 Dec 2018 21:06

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.6	189.8
115	61.9	50.7	76.1

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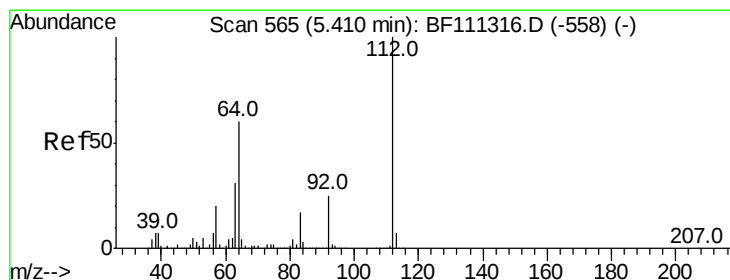
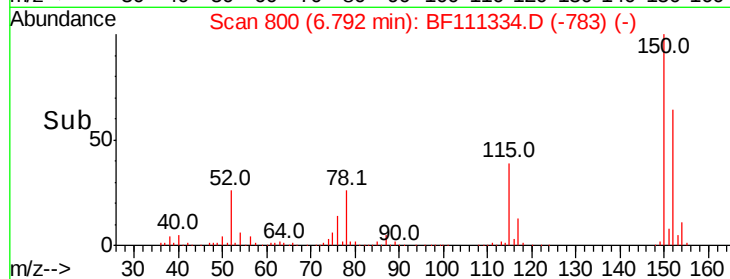
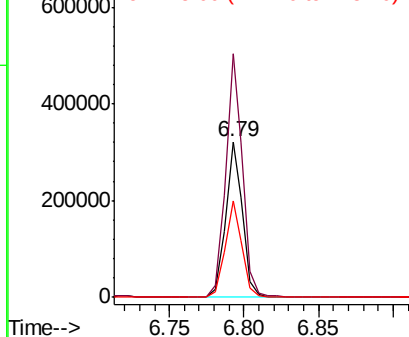


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

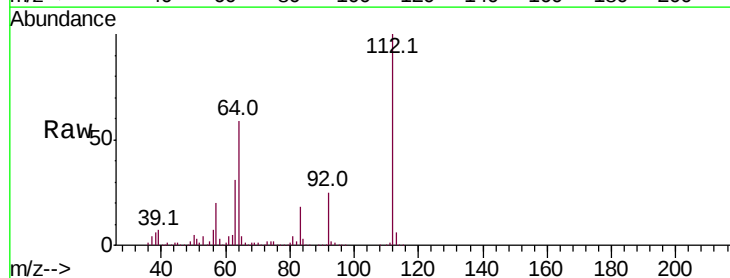
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 145.560 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111334.D
Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	51.8	77.6
63	30.9	26.8	40.2

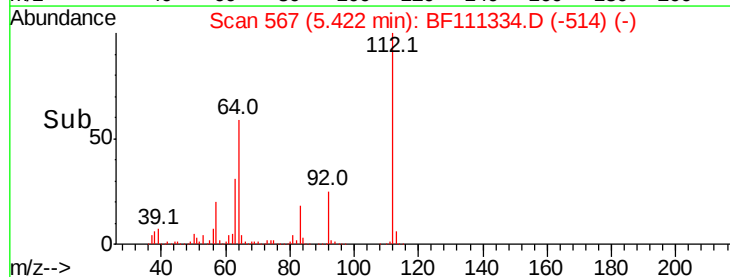
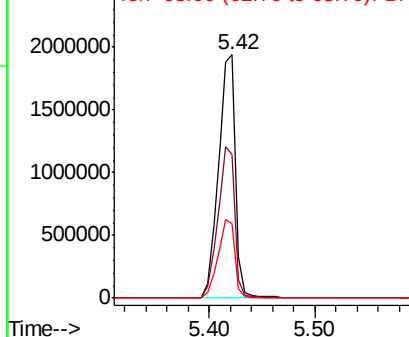


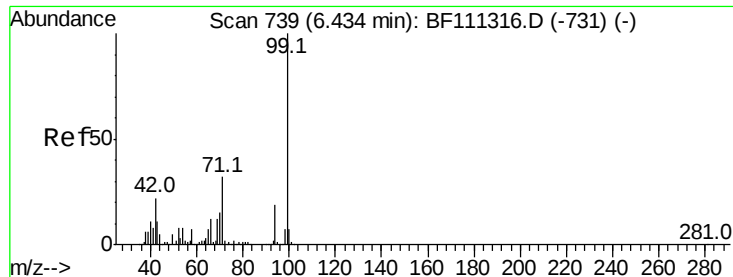
Abundance

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: 134.164 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111334.D

Acq: 12 Dec 2018 21:06

Instrument :

BNA_F

ClientSampled :

TP-4

Tot Ion: 99 Resp: 2748790

Ion Ratio Lower Upper

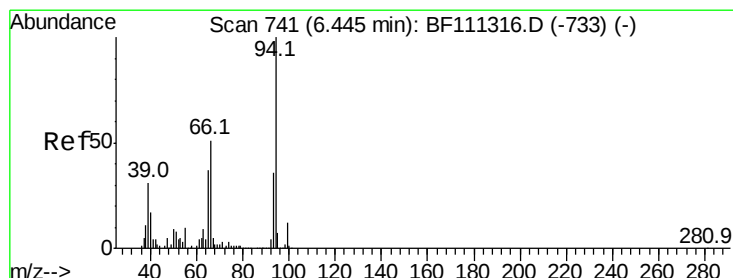
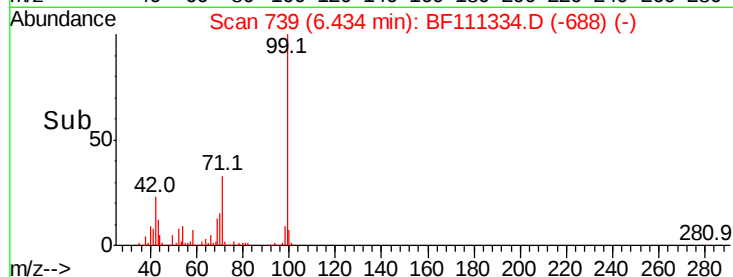
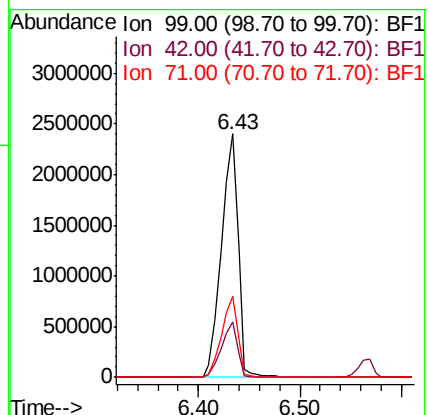
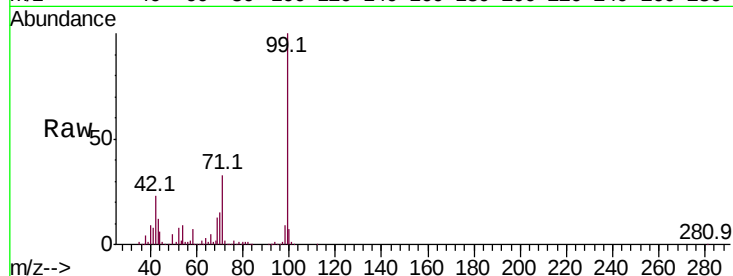
99 100

42 22.6 17.4 26.0

71 33.4 26.1 39.1

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#10

Phenol

Concen: 6.637 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111334.D

Acq: 12 Dec 2018 21:06

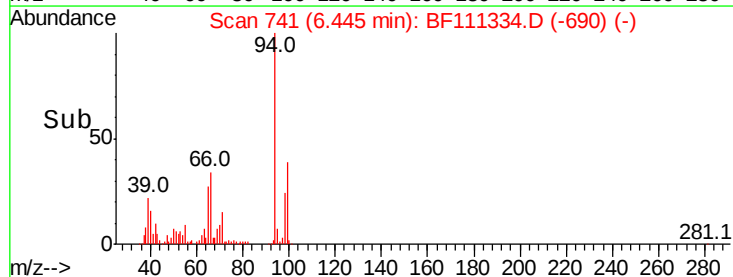
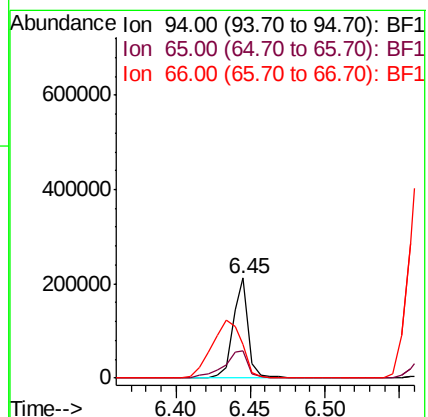
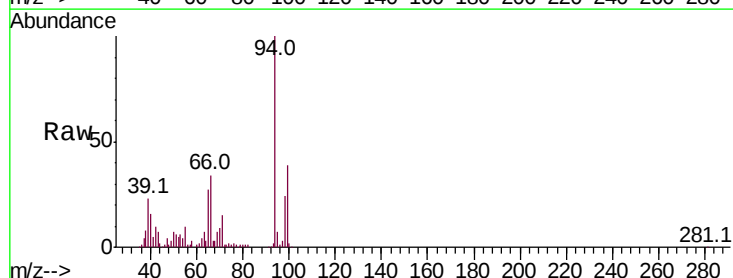
Tgt Ion: 94 Resp: 154046

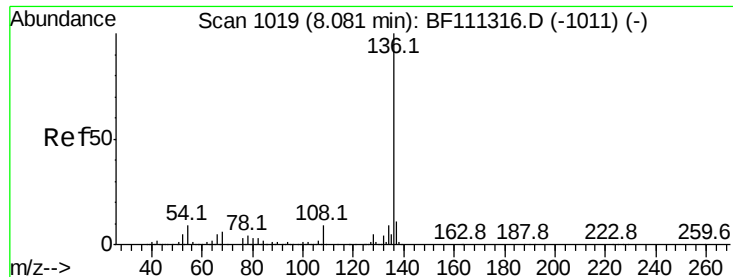
Ion Ratio Lower Upper

94 100

65 26.9 11.7 51.7

66 34.1 21.0 61.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111334.D

Acq: 12 Dec 2018 21:06

Instrument :

BNA_F

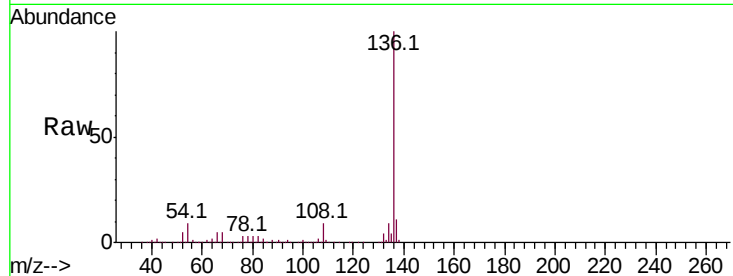
ClientSampled :

TP-4

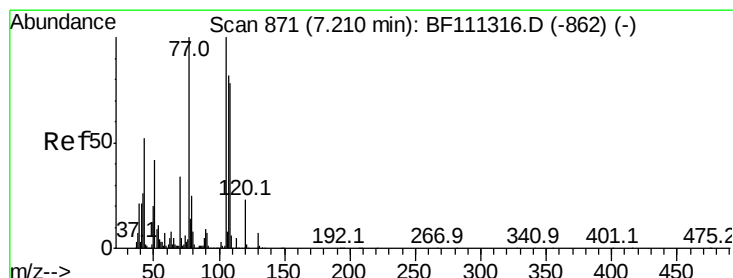
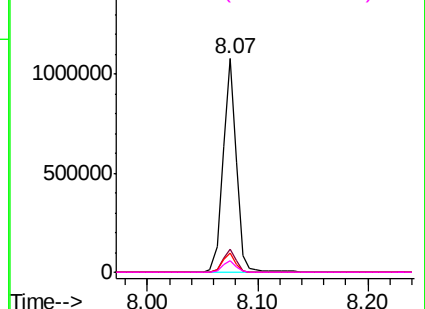
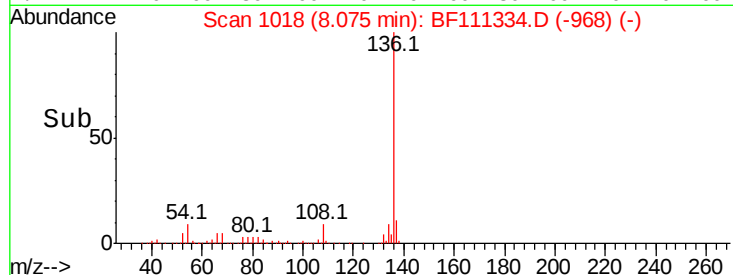
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	9.3	7.7	11.5	
68	5.4	4.9	7.3	

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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



#22

Acetophenone

Concen: 2.928 ng

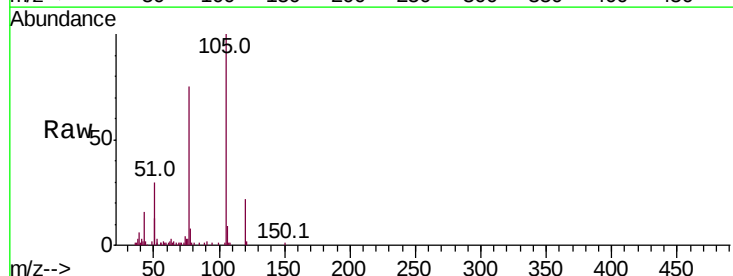
RT: 7.19 min Scan# 868

Delta R.T. -0.02 min

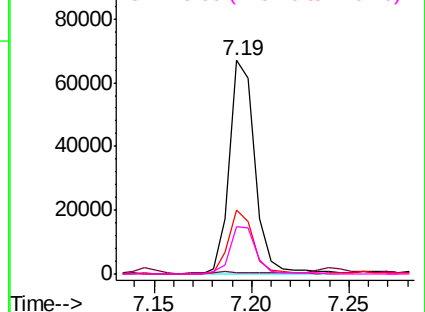
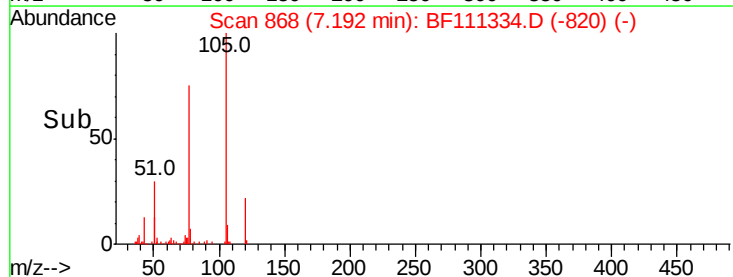
Lab File: BF111334.D

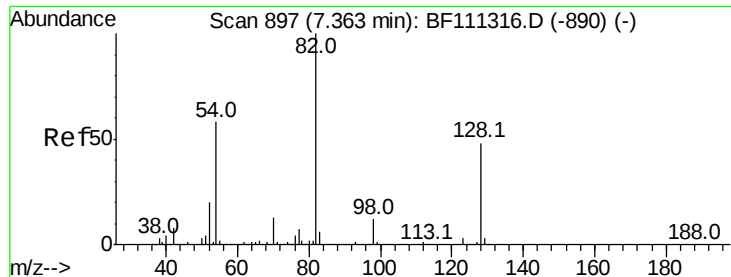
Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.9	3.1	4.7#	
51	29.7	36.6	54.8#	
120	22.3	18.2	27.4	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





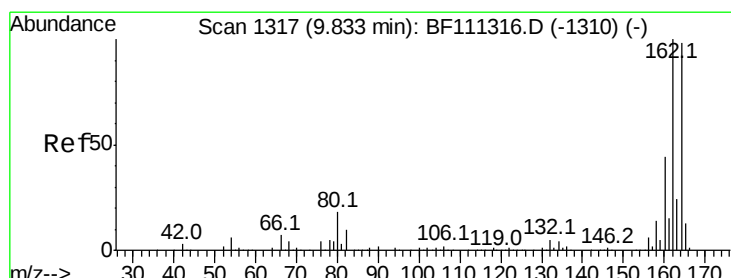
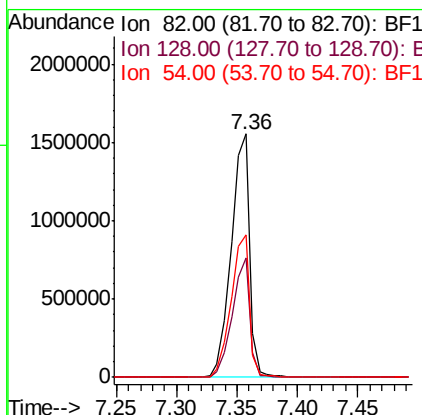
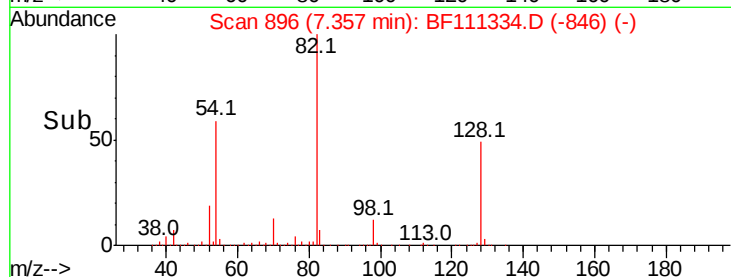
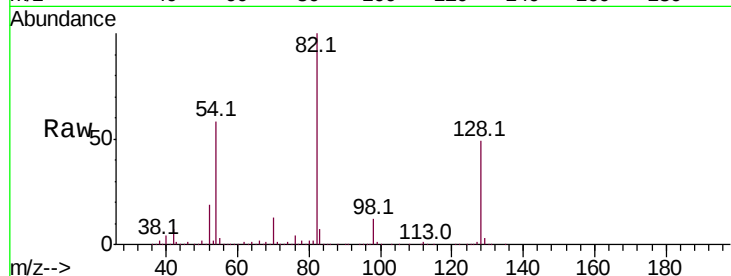
#23
Nitrobenzene-d5
Concen: 102.486 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111334.D
Acq: 12 Dec 2018 21:06

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion: 82 Resp: 1652505
Ion Ratio Lower Upper
82 100
128 48.9 37.4 56.2
54 58.5 47.6 71.4

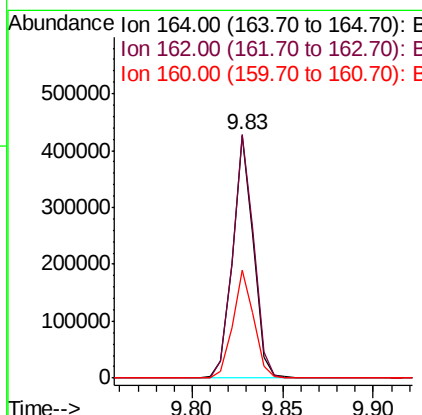
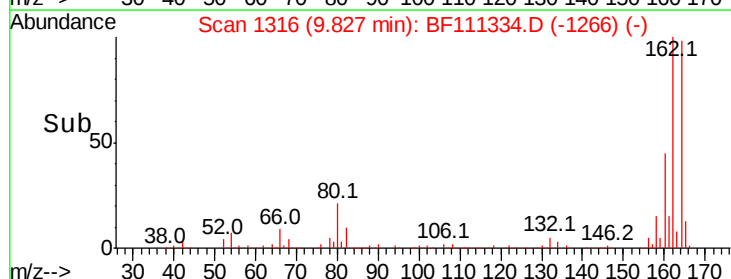
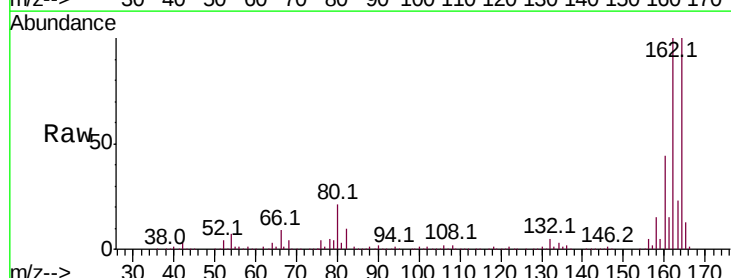
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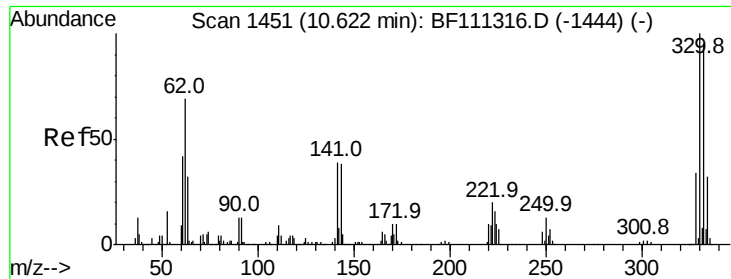
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111334.D
Acq: 12 Dec 2018 21:06

Tgt Ion:164 Resp: 340779
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 44.6 35.7 53.5





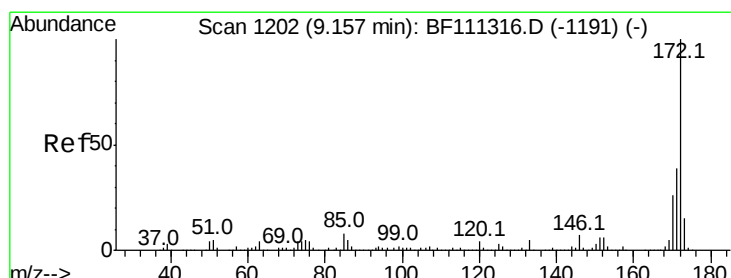
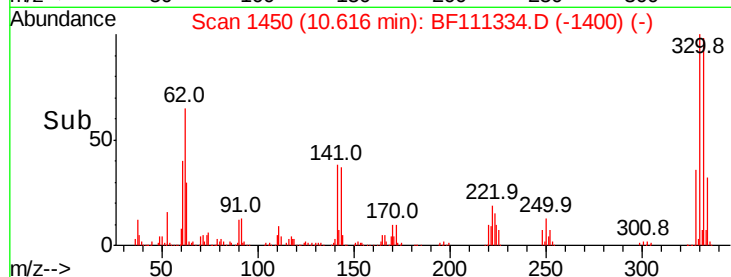
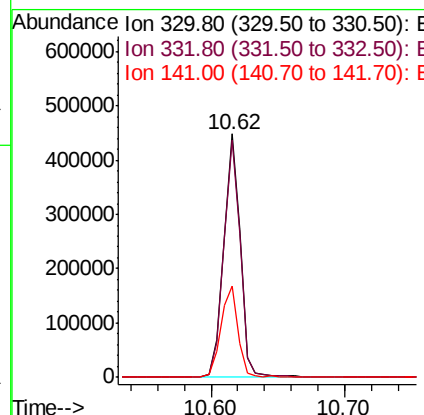
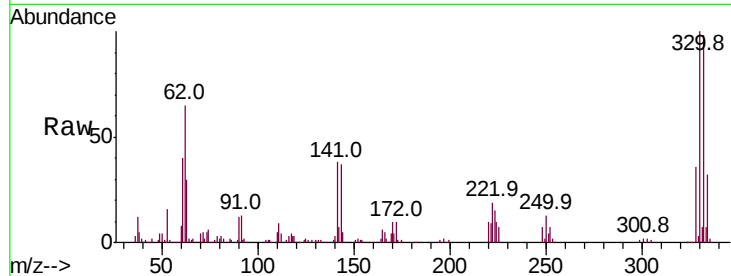
#42
 2,4,6-Tribromophenol
 Concen: 132.116 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111334.D
 Acq: 12 Dec 2018 21:06

Instrument :
 BNA_F
 ClientSampled :
 TP-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.0	114.0
141	39.2	31.0	46.6

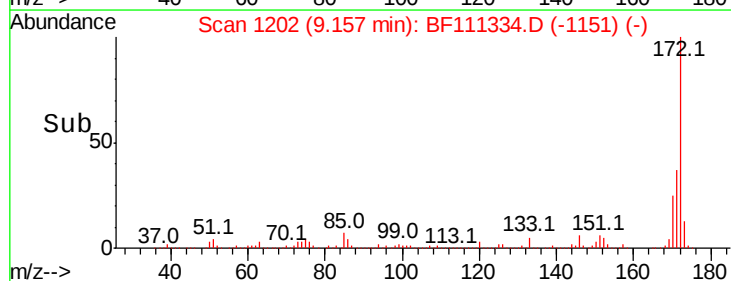
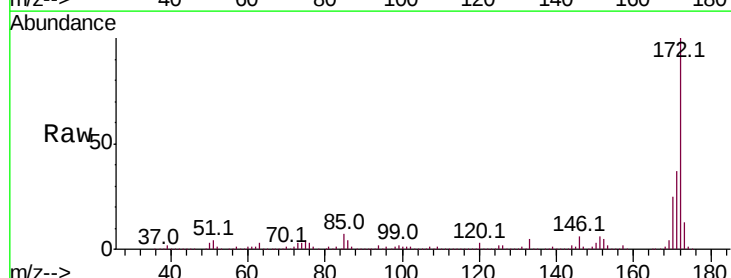
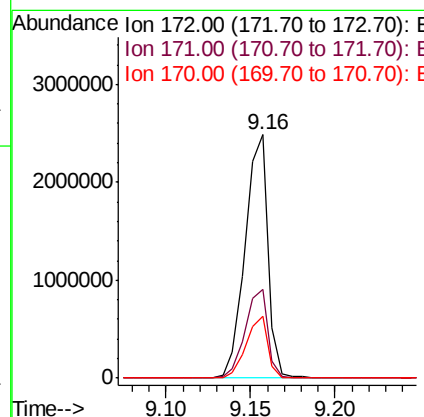
Manual Integrations
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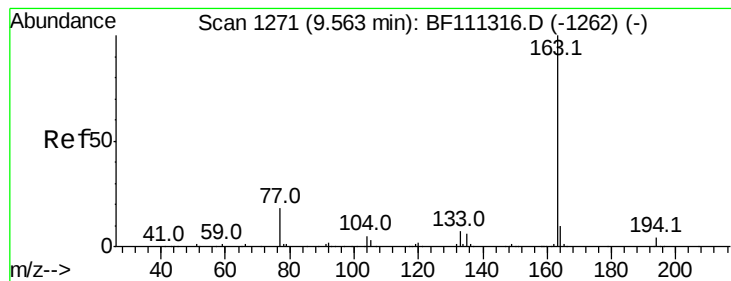
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#45
 2-Fluorobiphenyl
 Concen: 110.370 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF111334.D
 Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	33.0	49.4
170	25.2	22.3	33.5





#50

Dimethylphthalate

Concen: 11.253 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF111334.D

Acq: 12 Dec 2018 21:06

Instrument :

BNA_F

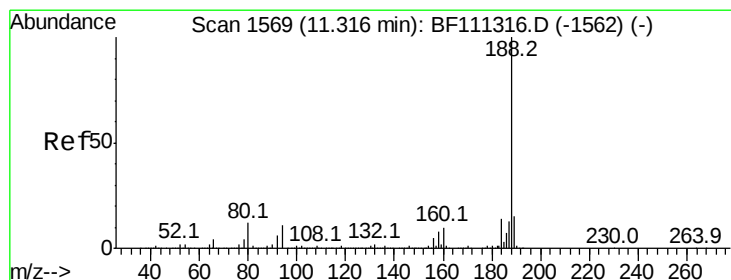
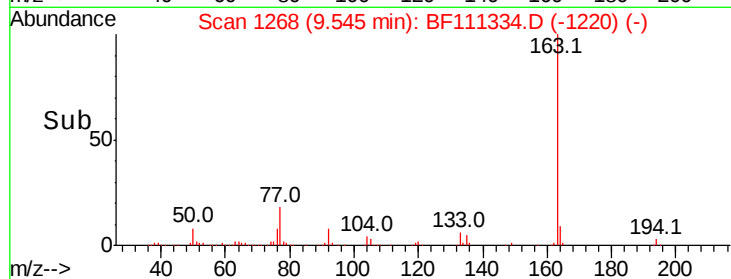
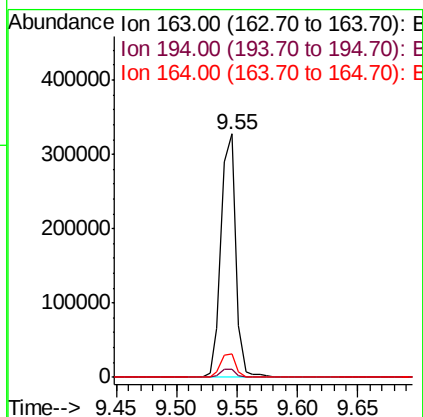
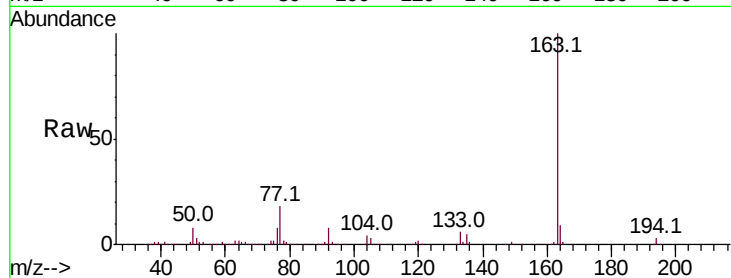
ClientSampled :

TP-4

Tot Ion:	163	Resp:	275757
Ion Ratio	Lower	Upper	
163	100		
194	3.3	3.0	4.6
164	9.4	8.9	13.3

Manual Integrations
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#64

Phenanthrene-d10

Concen: 20.000 ng

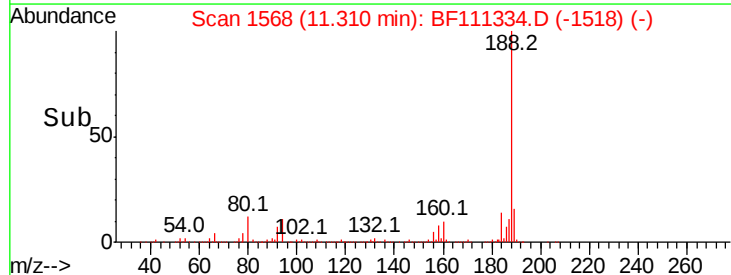
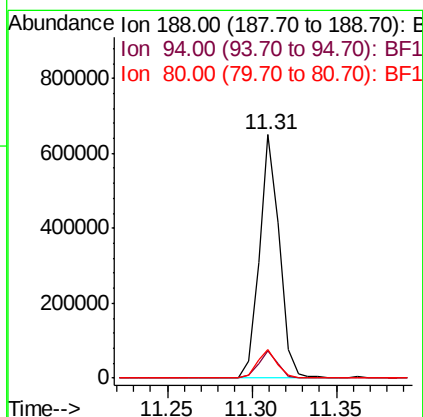
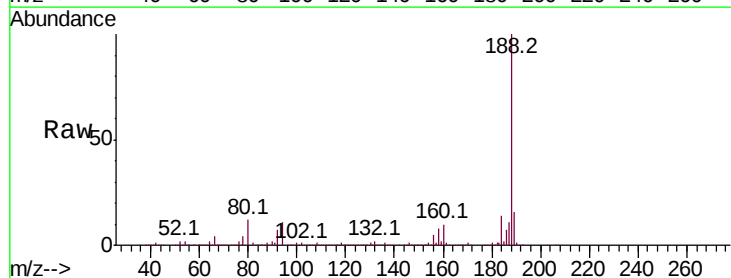
RT: 11.31 min Scan# 1568

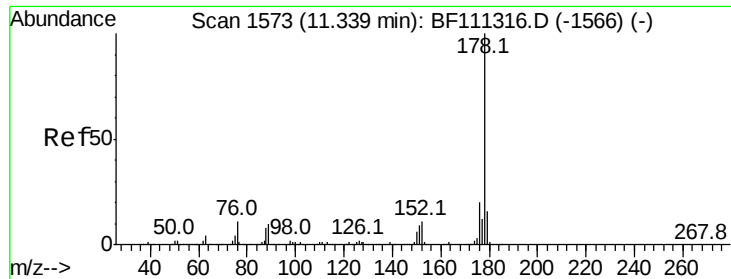
Delta R.T. -0.01 min

Lab File: BF111334.D

Acq: 12 Dec 2018 21:06

Tgt Ion:	188	Resp:	537937
Ion Ratio	Lower	Upper	
188	100		
94	11.3	9.6	14.4
80	11.9	9.8	14.6





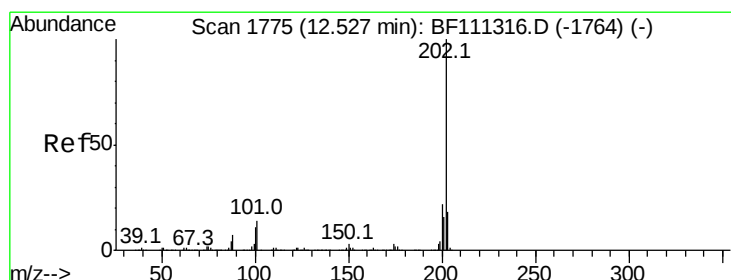
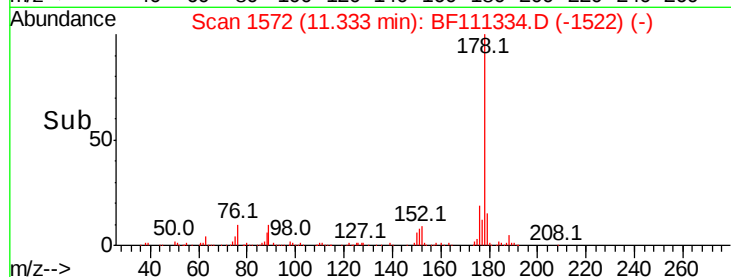
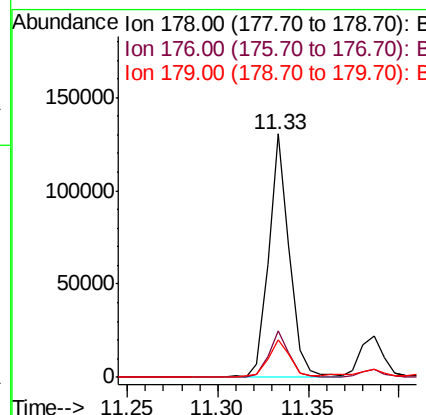
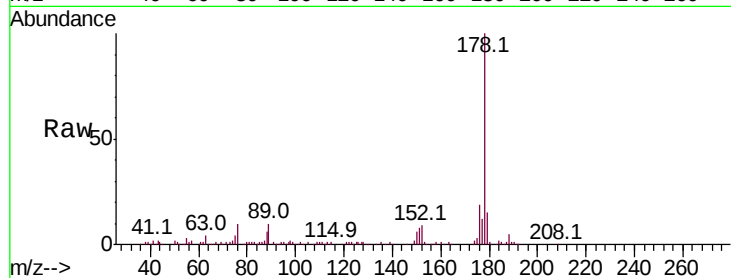
#71
Phenanthrene
Concen: 3.722 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111334.D
Acq: 12 Dec 2018 21:06

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	18.1	27.1
179	15.2	14.0	21.0

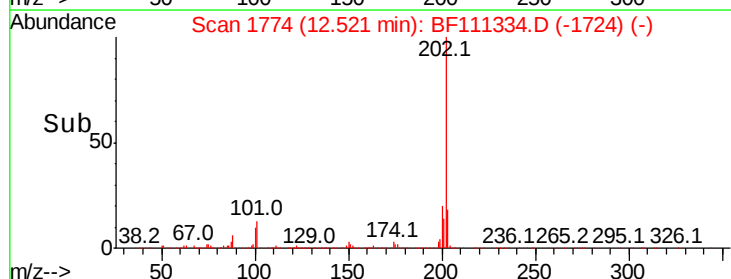
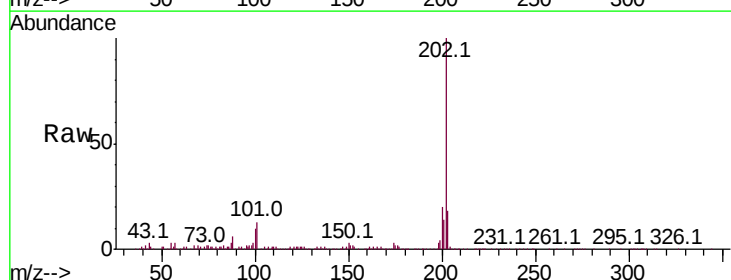
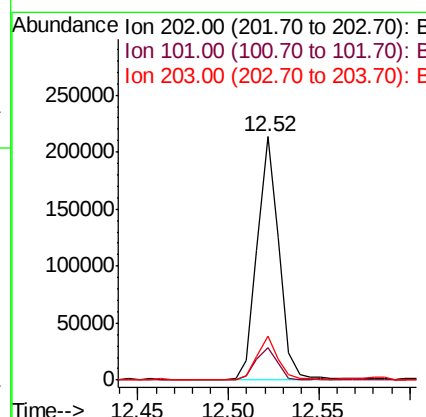
Manual Integrations
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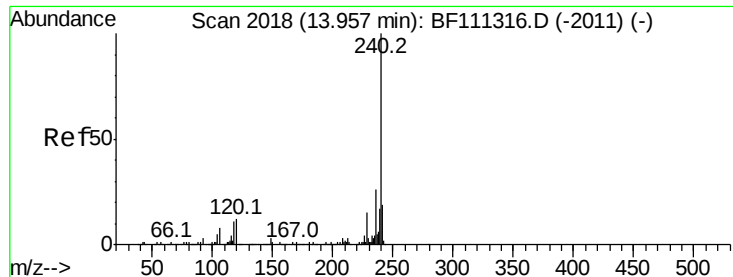
Sohil
12/13/2018 6:06:41 PM



#75
Fluoranthene
Concen: 6.610 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF111334.D
Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.8
203	18.2	0.0	38.6





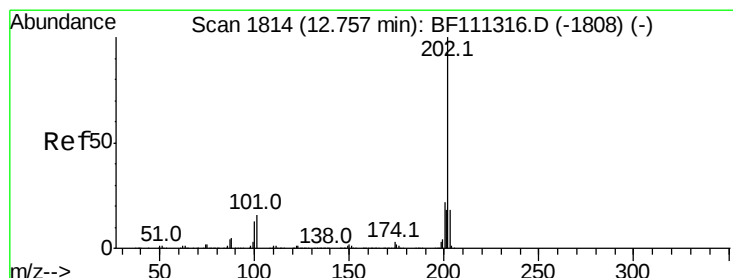
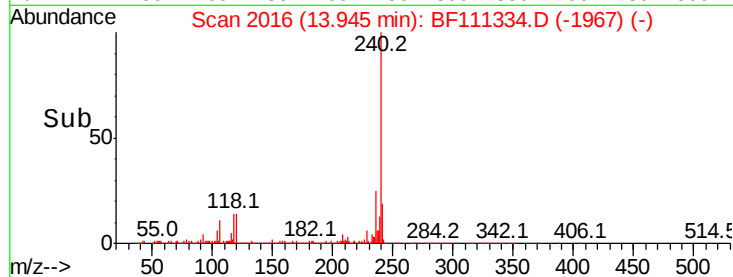
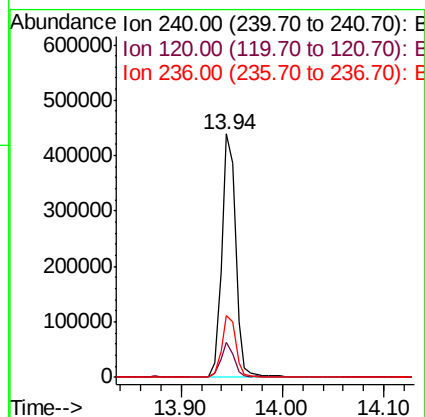
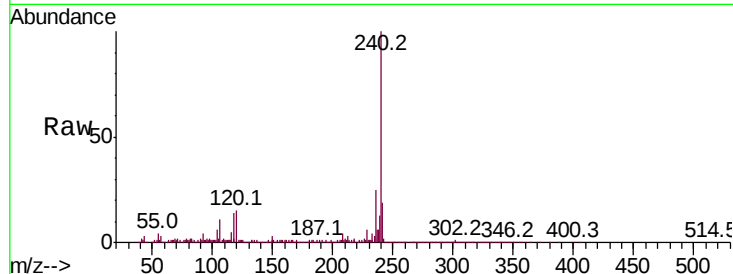
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111334.D
Acq: 12 Dec 2018 21:06

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.6	12.2	18.2
236	25.4	20.2	30.2

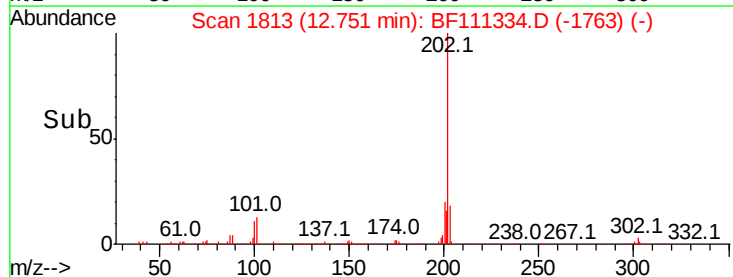
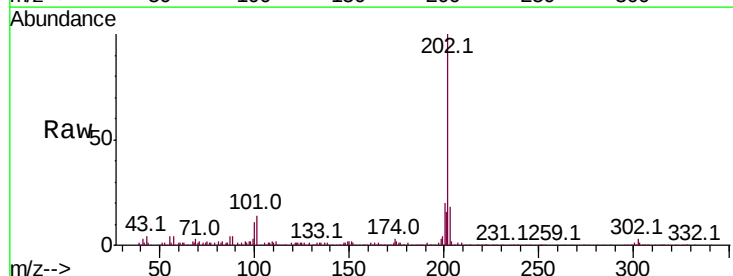
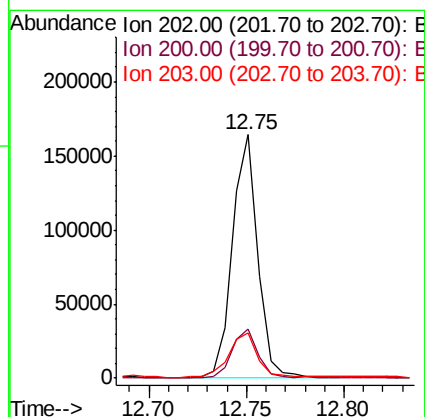
Manual Integrations
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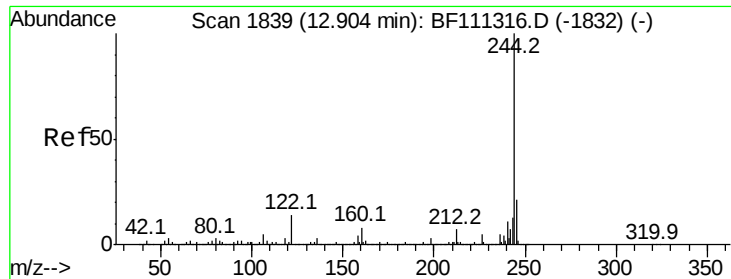
Sohil
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#78
Pyrene
Concen: 4.563 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111334.D
Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	19.0	28.4
203	18.4	15.2	22.8





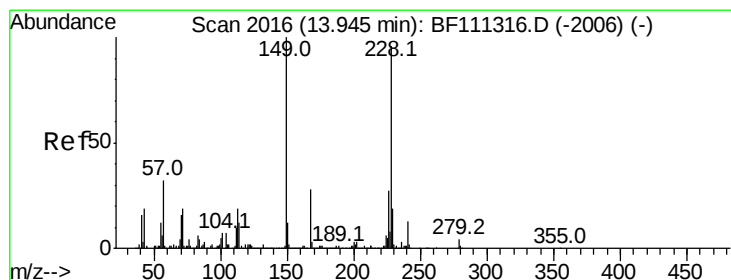
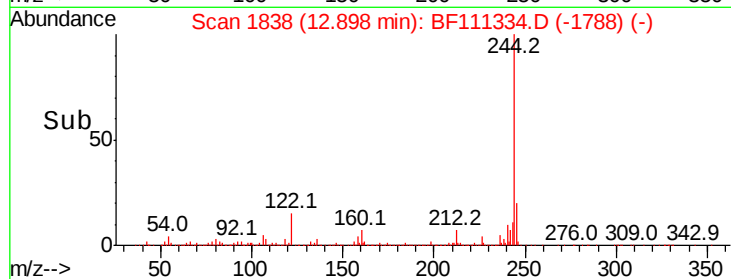
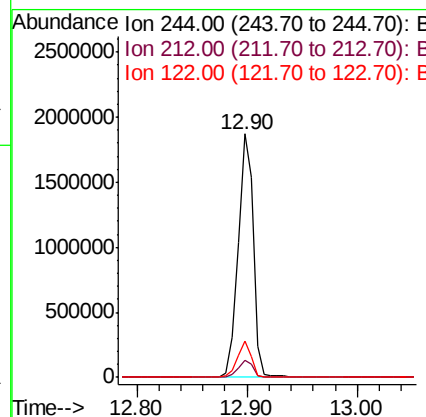
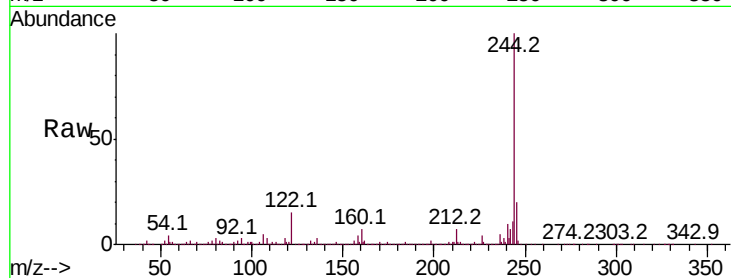
#79
 Terphenyl-d14
 Concen: 95.132 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BF111334.D
 Acq: 12 Dec 2018 21:06

Instrument :
 BNA_F
 ClientSampled :
 TP-4

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	14.6	13.1	19.7

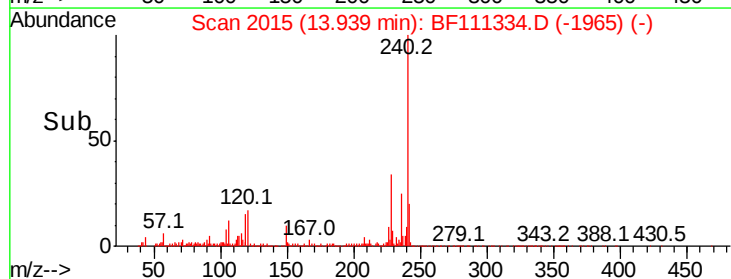
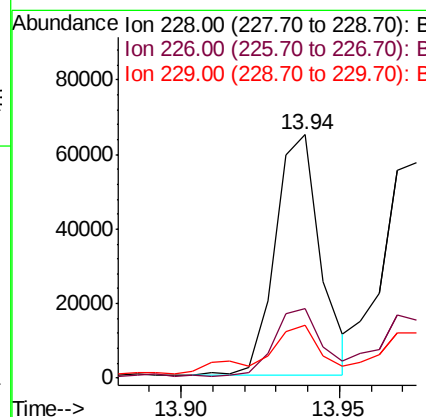
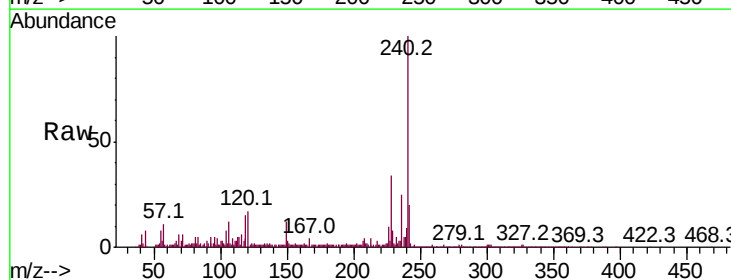
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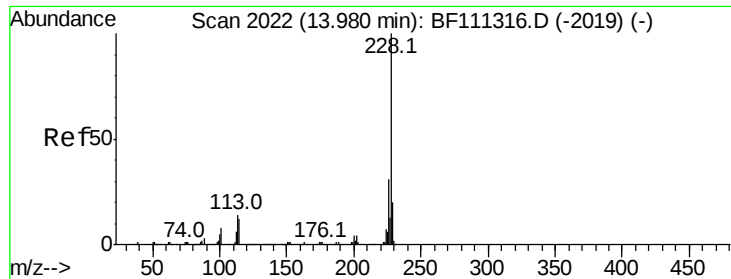
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#81
 Benzo(a)anthracene
 Concen: 2.769 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF111334.D
 Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	34.0
229	21.9	16.3	24.5





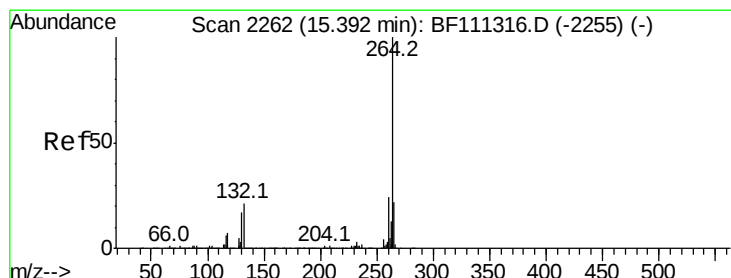
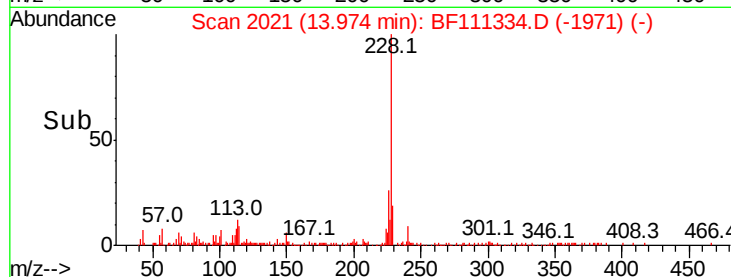
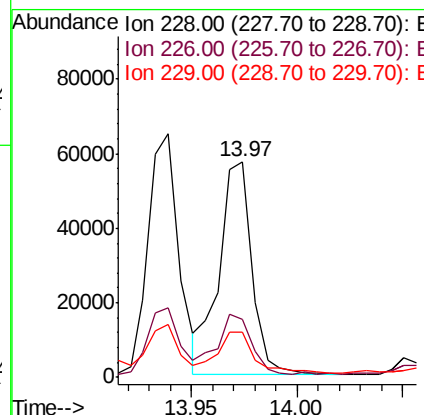
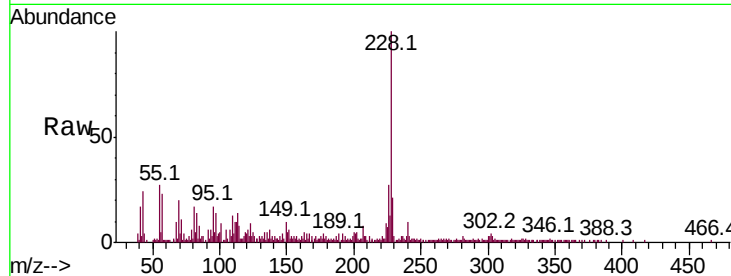
#83
Chrysene
Concen: 2.615 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111334.D
Acq: 12 Dec 2018 21:06

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	25.3	37.9
229	20.9	17.2	25.8

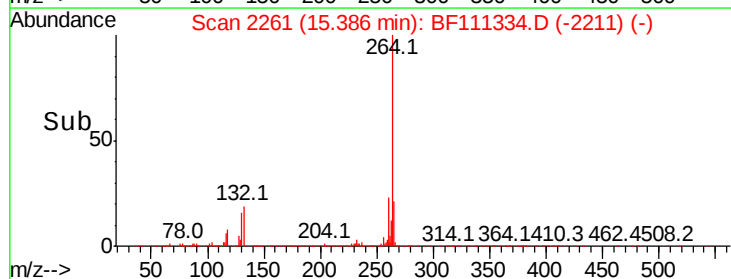
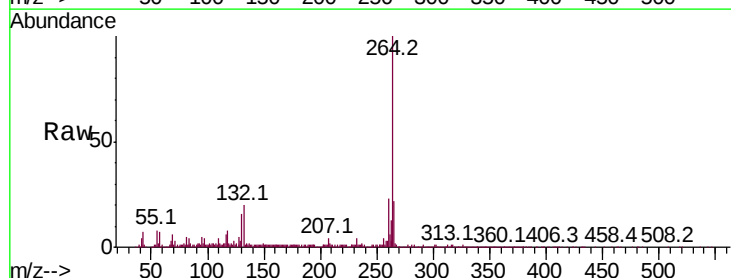
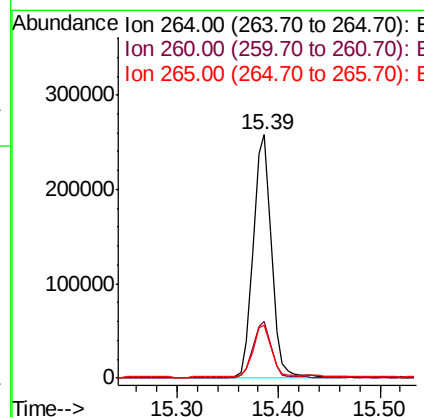
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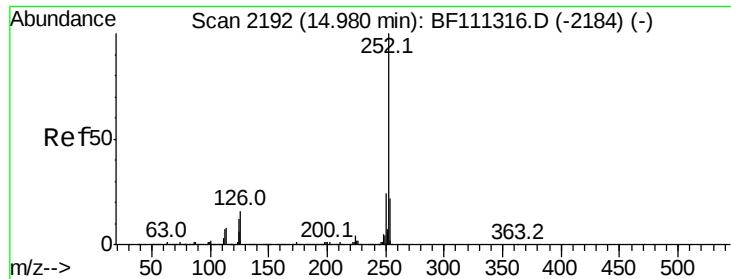
Sohil
12/13/2018 6:06:41 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF111334.D
Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.5	17.7	26.5





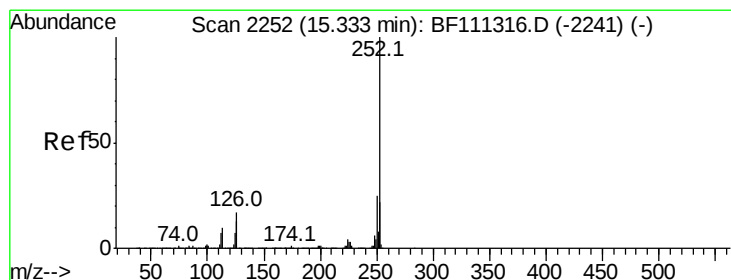
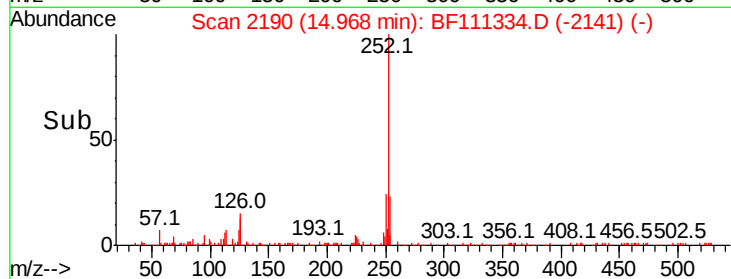
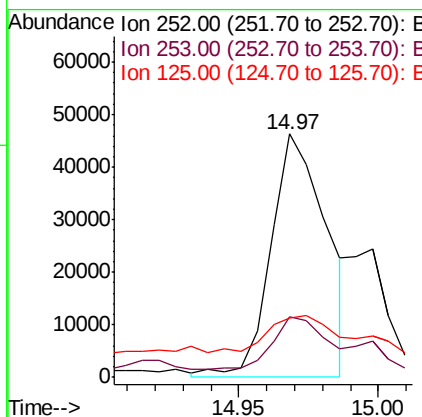
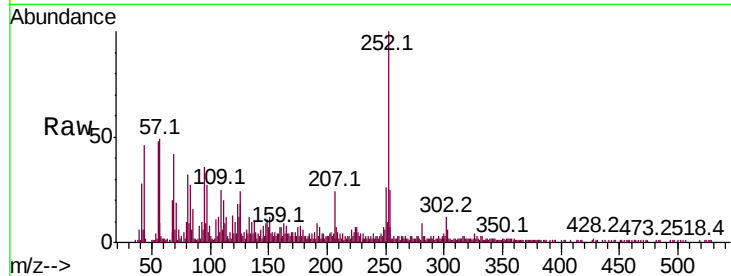
#88
Benzo(b)fluoranthene
Concen: 3.511 ng m
RT: 14.97 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF111334.D
Acq: 12 Dec 2018 21:06

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.2	27.2
125	24.4	10.4	15.6

Manual Integrations
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Sohil
12/13/2018 6:06:41 PM



#90
Benzo(a)pyrene
Concen: 2.581 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF111334.D
Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.8	26.8
125	28.0	12.3	18.5

