

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111347.D
 Acq On : 13 Dec 2018 3:02
 Operator : JU/SJ
 Sample : J6214-49
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(0-2)

Manual Integrations
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 12/13/2018 6:07:01 PM

Quant Time: Dec 13 06:05:52 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	6.80	152	226329	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	810826	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	367398	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	631297	20.00	ng	0.00
76) Chrysene-d12	13.95	240	397810	20.00	ng	0.00
87) Perylene-d12	15.39	264	326792	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1379101	103.04	ng	0.00
7) Phenol-d6	6.43	99	1710148	94.77	ng	0.00
23) Nitrobenzene-d5	7.35	82	921386	64.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	285668	88.21	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1701278	74.34	ng	0.00
79) Terphenyl-d14	12.90	244	1380873	76.40	ng	0.00
Target Compounds						
10) Phenol	6.44	94	79876	3.908	ng	93
50) Dimethylphthalate	9.55	163	156464	5.922	ng	96
71) Phenanthrene	11.34	178	72342	2.217	ng	94
75) Fluoranthene	12.53	202	221229	6.945	ng	96
78) Pyrene	12.75	202	211316	6.883	ng	95
81) Benzo(a)anthracene	13.94	228	81200	3.648	ng	98
83) Chrysene	13.97	228	77636	3.419	ng	97
88) Benzo(b)fluoranthene	14.98	252	86106m	4.634	ng	
90) Benzo(a)pyrene	15.33	252	57126	3.302	ng	# 85
92) Benzo(g,h,i)perylene	17.23	276	32424	2.253	ng	# 85

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

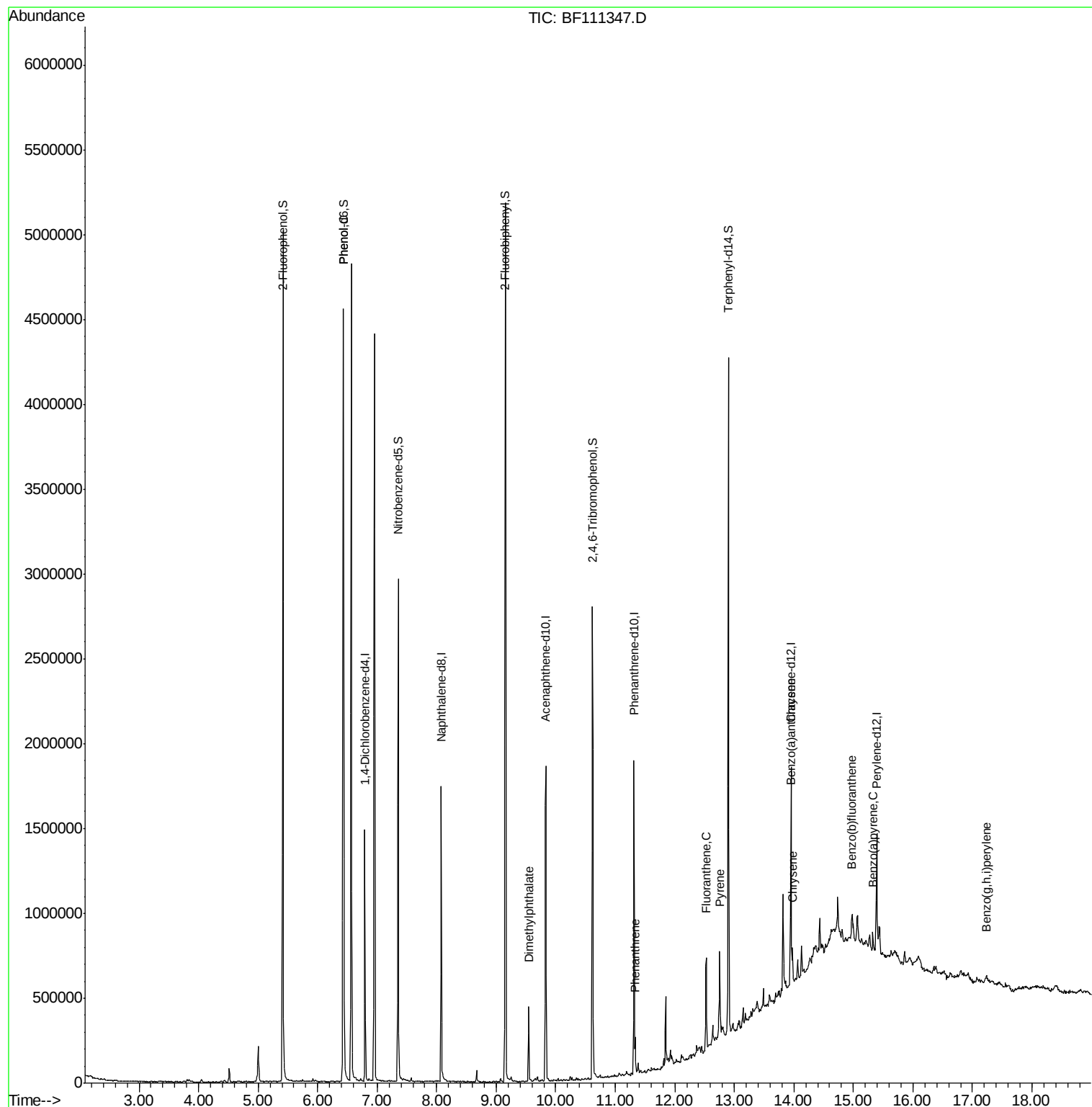
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111347.D
Acq On : 13 Dec 2018 3:02
Operator : JU/SJ
Sample : J6214-49
Misc :
ALS Vial : 27 Sample Multiplier: 1

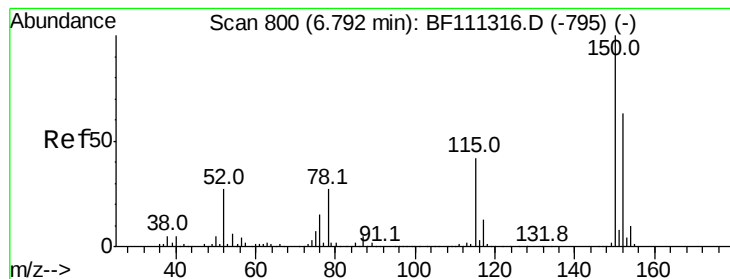
Instrument :
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ClientSampleId :
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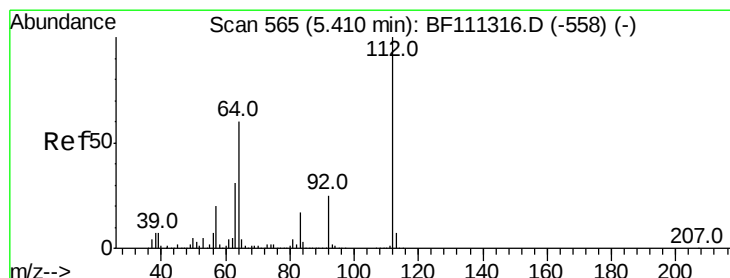
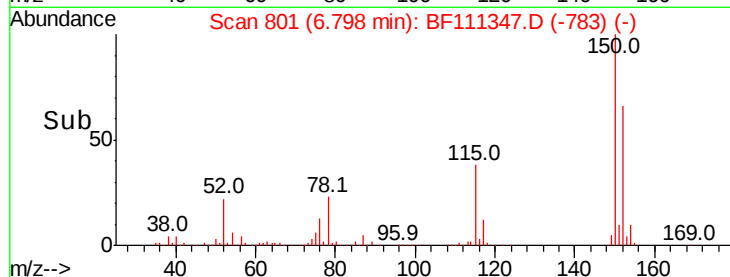
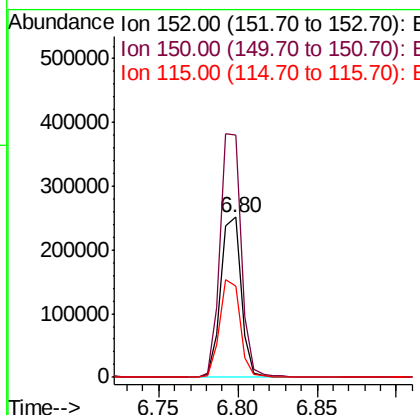
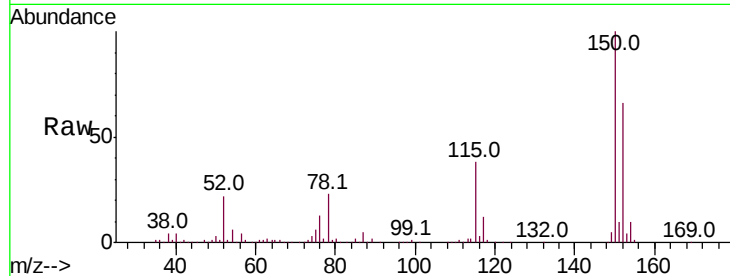
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF111347.D
 Acq: 13 Dec 2018 3:02

Instrument :
 BNA_F
 ClientSampled :
 SB-7(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	126.6	189.8
115	57.0	50.7	76.1

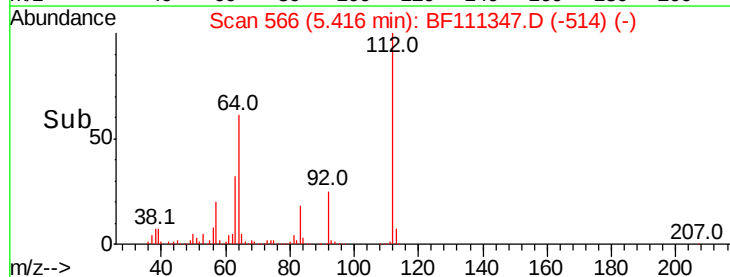
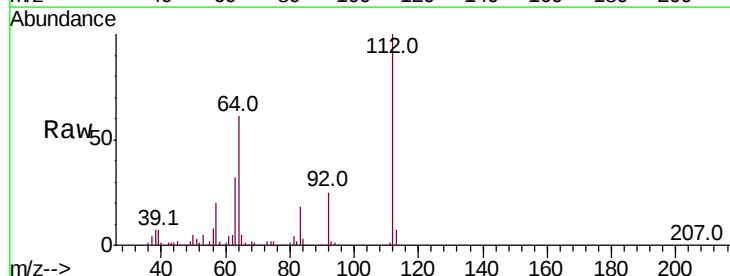
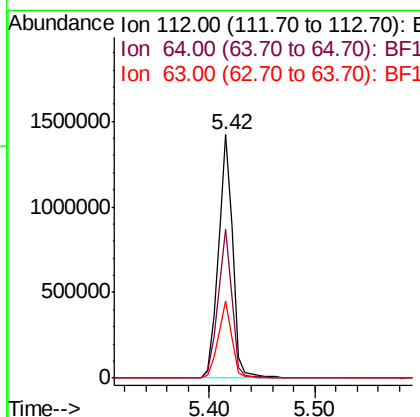
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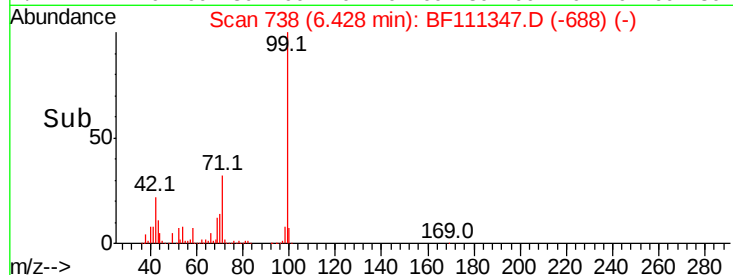
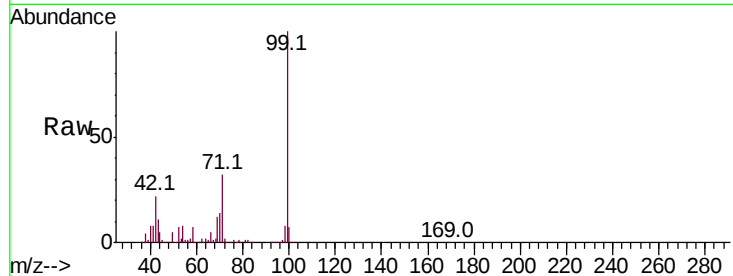
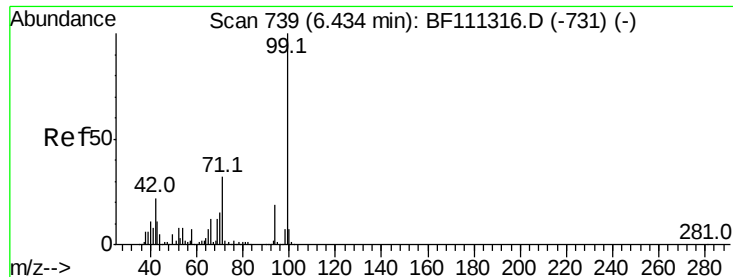
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#5
 2-Fluorophenol
 Concen: 103.040 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF111347.D
 Acq: 13 Dec 2018 3:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	51.8	77.6
63	31.6	26.8	40.2





#7

Phenol-d6

Concen: 94.769 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111347.D

Acq: 13 Dec 2018 3:02

Tot Ion: 99 Resp: 1710148

Ion Ratio Lower Upper

99 100

42 21.6 17.4 26.0

71 31.5 26.1 39.1

Instrument :

BNA_F

ClientSampleId :

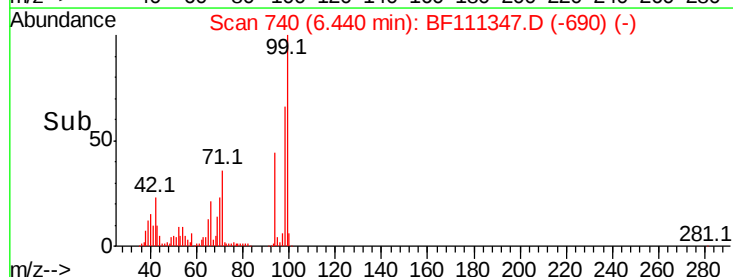
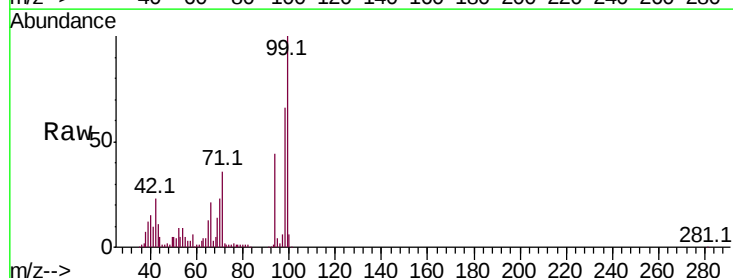
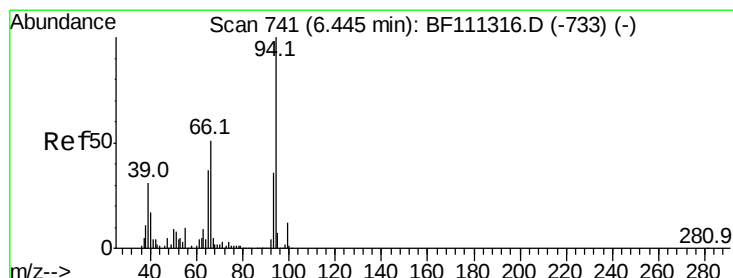
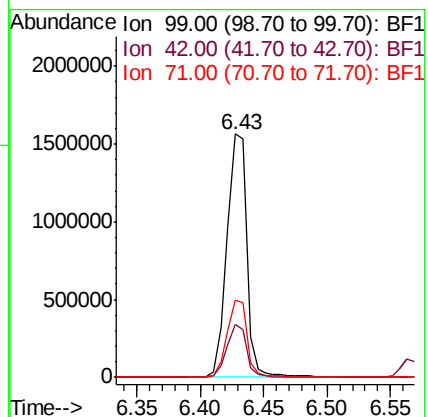
SB-7(0-2)

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#10

Phenol

Concen: 3.908 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111347.D

Acq: 13 Dec 2018 3:02

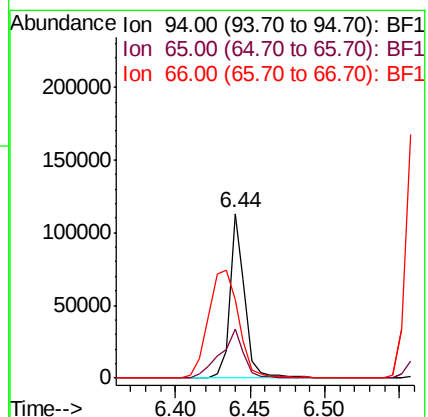
Tgt Ion: 94 Resp: 79876

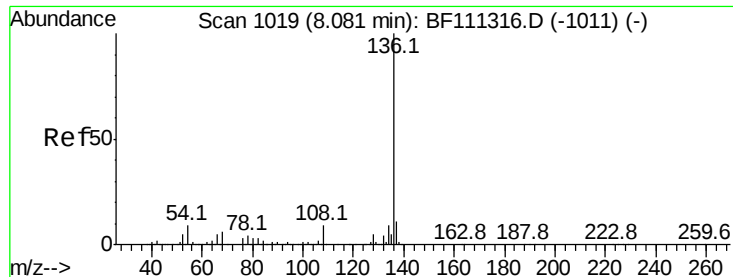
Ion Ratio Lower Upper

94 100

65 30.0 11.7 51.7

66 47.5 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: BF111347.D

Acq: 13 Dec 2018 3:02

Instrument :

BNA_F

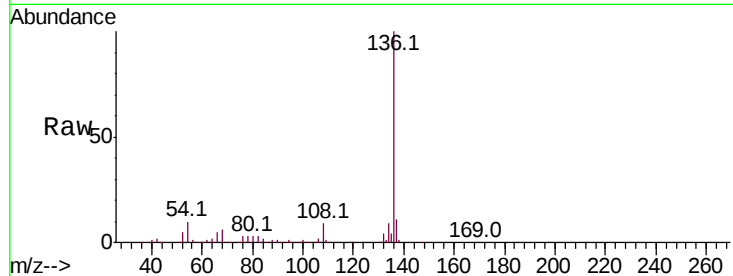
ClientSampled :

SB-7(0-2)

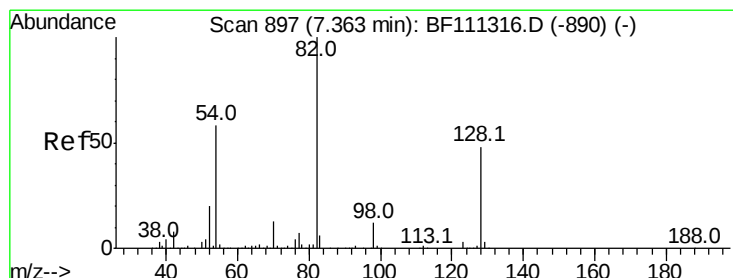
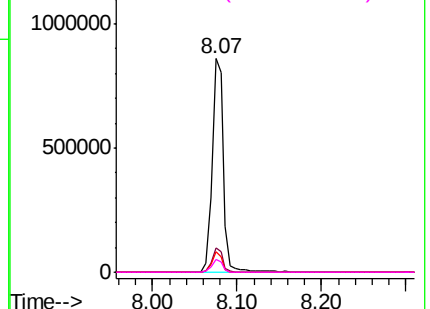
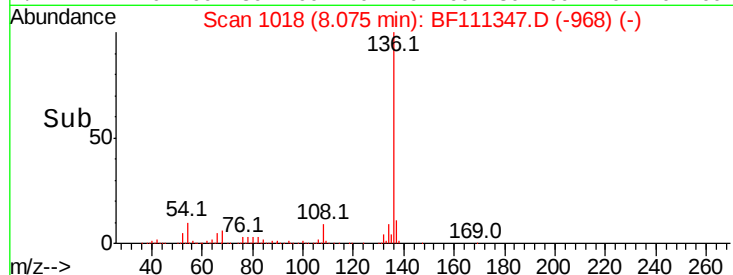
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.7	7.7	11.5
68	6.0	4.9	7.3

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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



#23

Nitrobenzene-d5

Concen: 64.049 ng

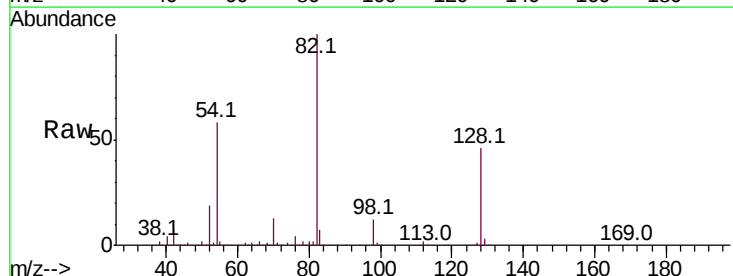
RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

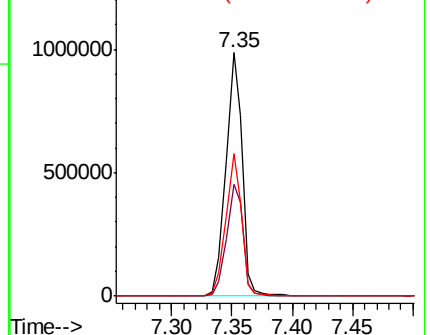
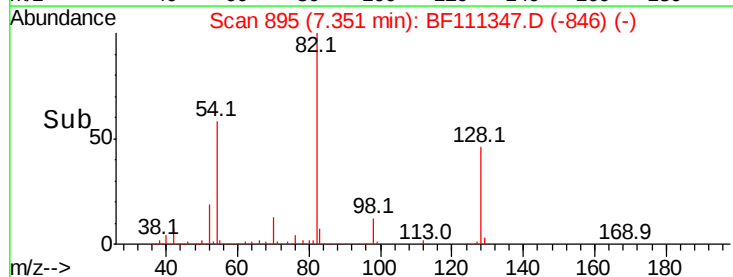
Lab File: BF111347.D

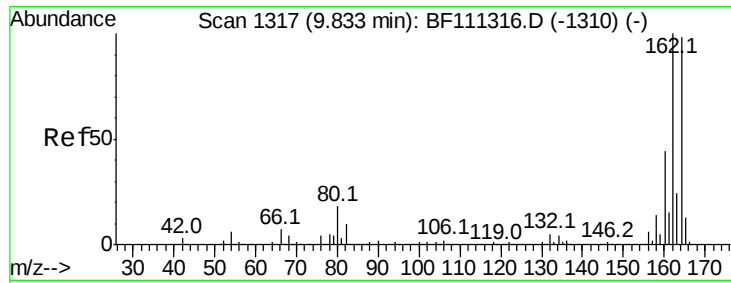
Acq: 13 Dec 2018 3:02

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	45.8	37.4	56.2
54	58.4	47.6	71.4



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





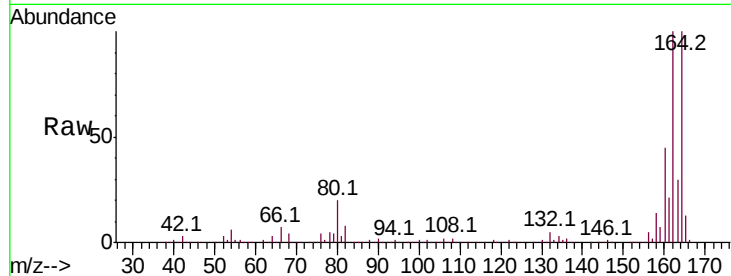
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF111347.D
Acq: 13 Dec 2018 3:02

Instrument :
BNA_F
ClientSampled :
SB-7(0-2)

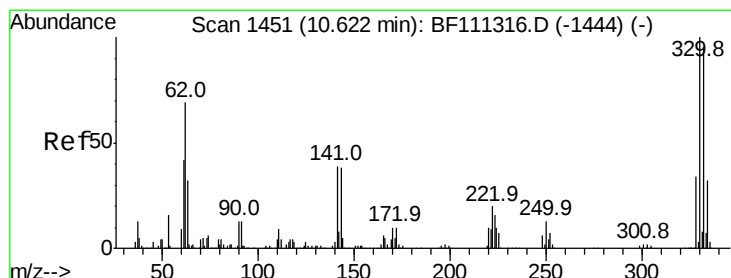
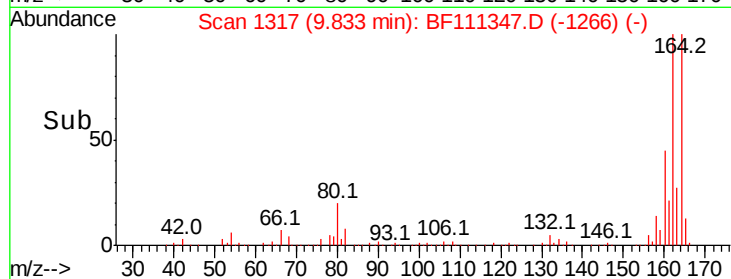
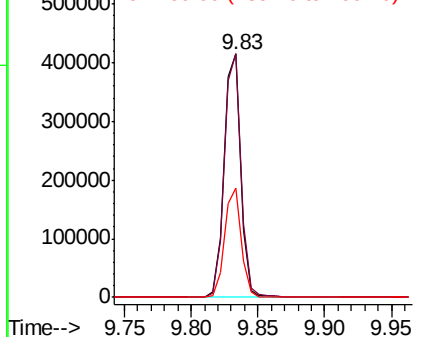
Tot Ion	Ratio	Resp	Lower	Upper
164	100	367398		
162	99.8	81.4	122.0	
160	44.6	35.7	53.5	

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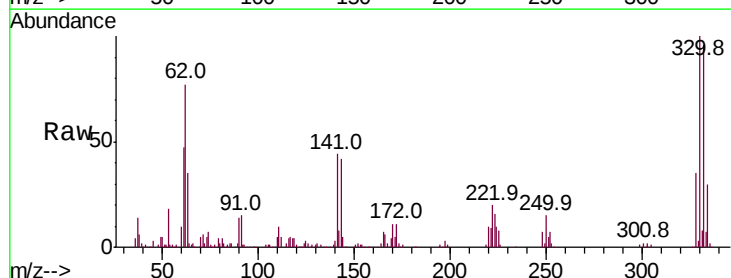


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

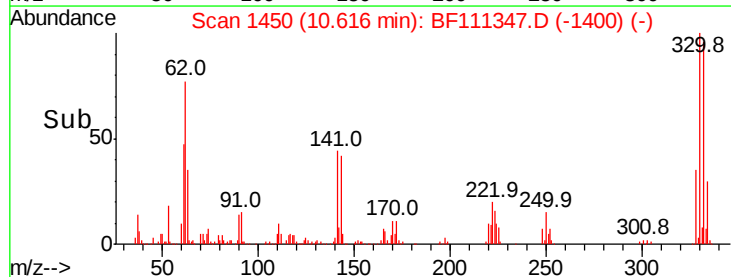
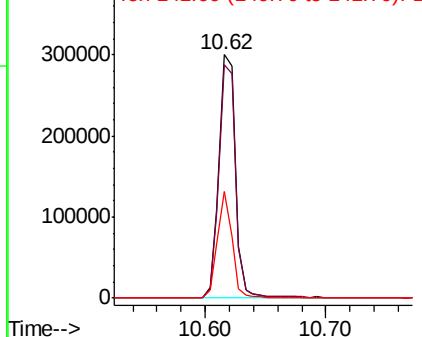


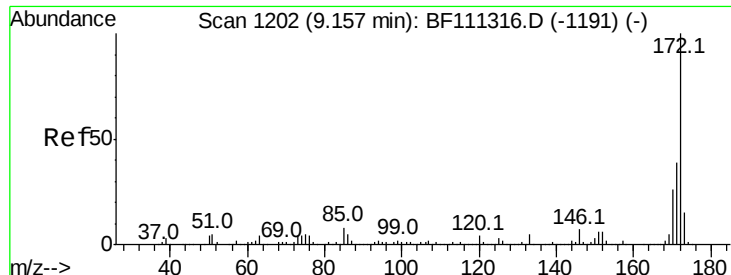
#42
2,4,6-Tribromophenol
Concen: 88.206 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111347.D
Acq: 13 Dec 2018 3:02

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	285668		
332	96.0	76.0	114.0	
141	38.2	31.0	46.6	



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





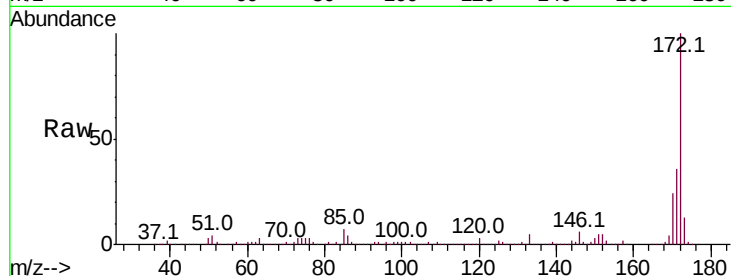
#45
2-Fluorobiphenyl
Concen: 74.344 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF111347.D
Acq: 13 Dec 2018 3:02

Instrument :
BNA_F
ClientSampleId :
SB-7(0-2)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	33.0	49.4
170	23.7	22.3	33.5

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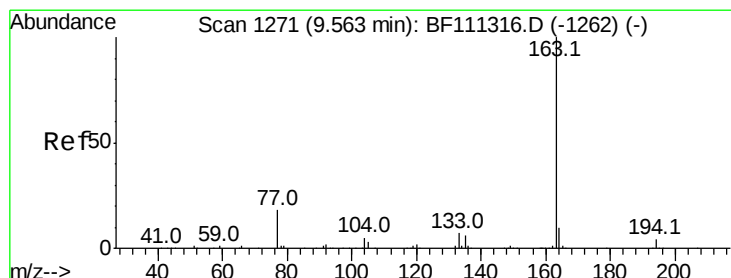
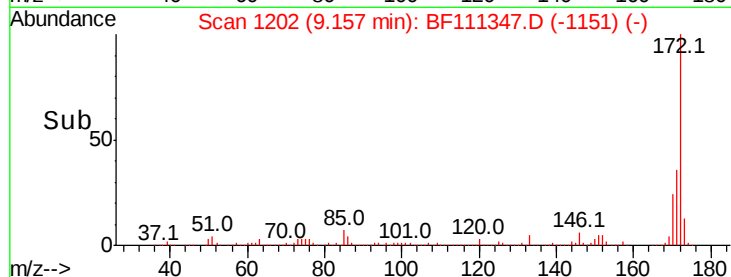
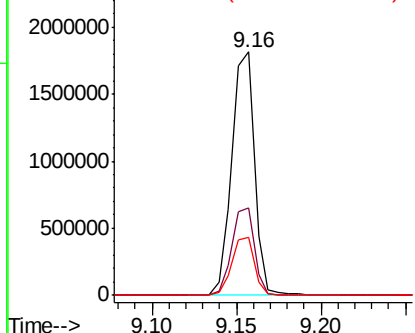


Abundance

Ion 172.00 (171.70 to 172.70): E

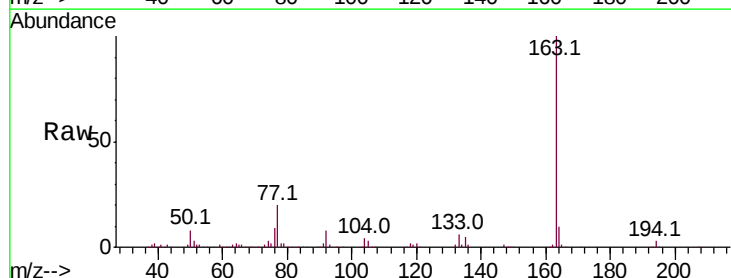
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 5.922 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111347.D
Acq: 13 Dec 2018 3:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.6
164	9.5	8.9	13.3

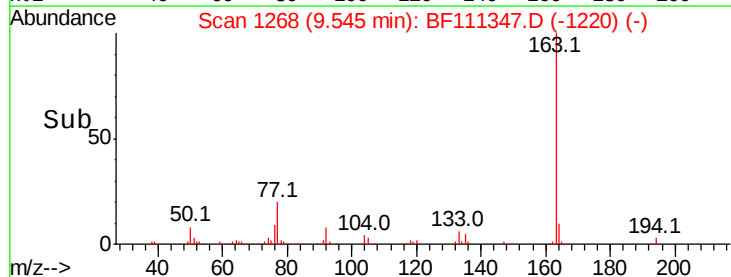
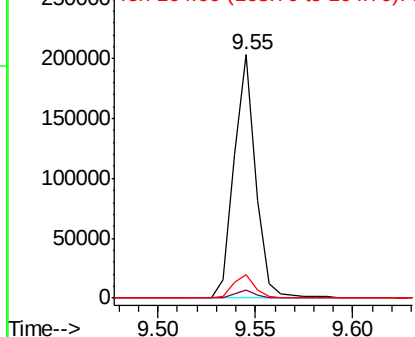


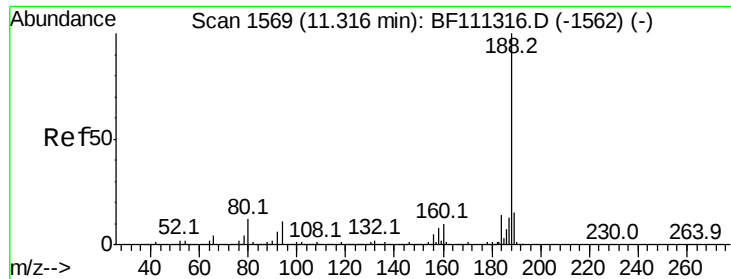
Abundance

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





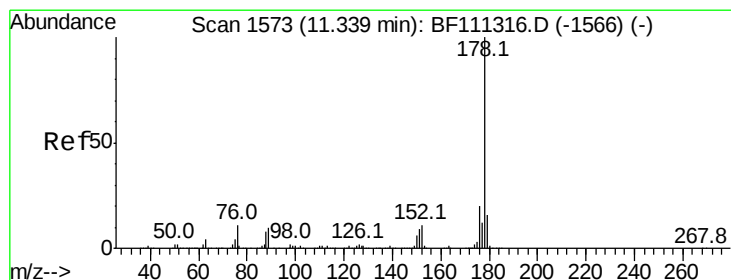
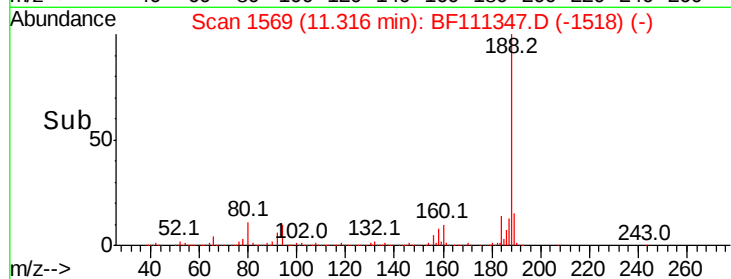
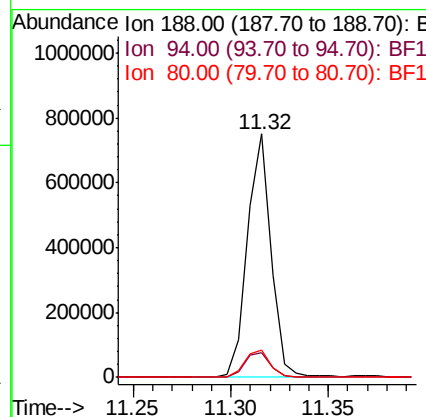
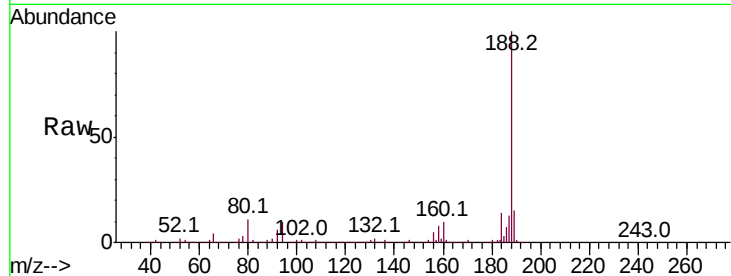
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111347.D
Acq: 13 Dec 2018 3:02

Instrument :
BNA_F
ClientSampled :
SB-7(0-2)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.4	9.6	14.4
80	11.2	9.8	14.6

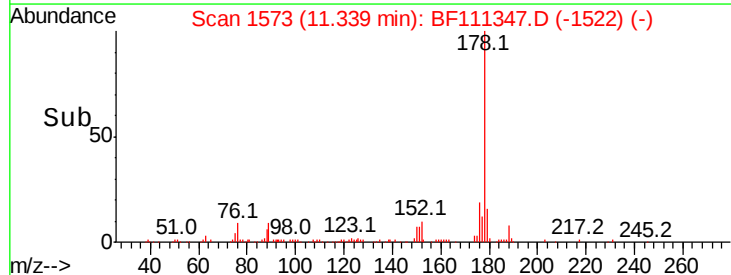
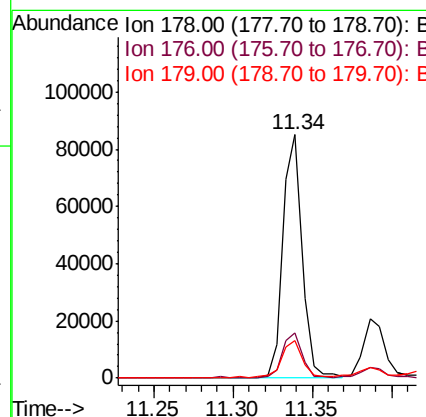
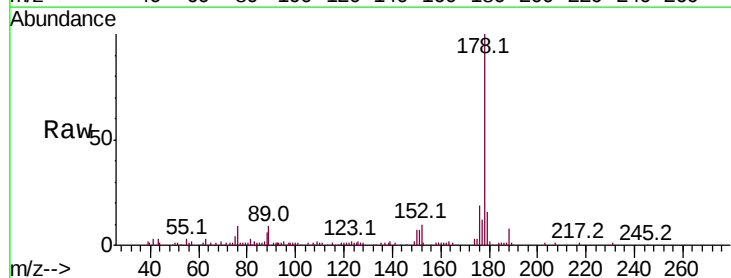
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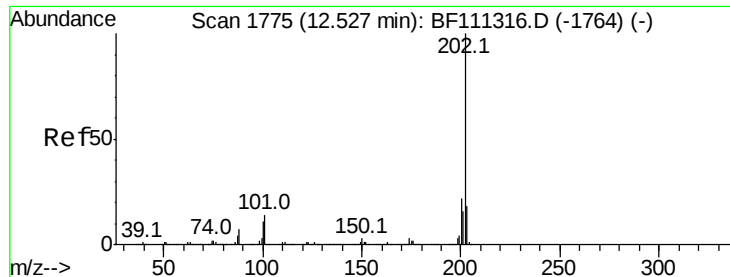
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#71
Phenanthrene
Concen: 2.217 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF111347.D
Acq: 13 Dec 2018 3:02

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.7	18.1	27.1
179	15.5	14.0	21.0





#75

Fluoranthene

Concen: 6.945 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111347.D

Acq: 13 Dec 2018 3:02

Instrument :

BNA_F

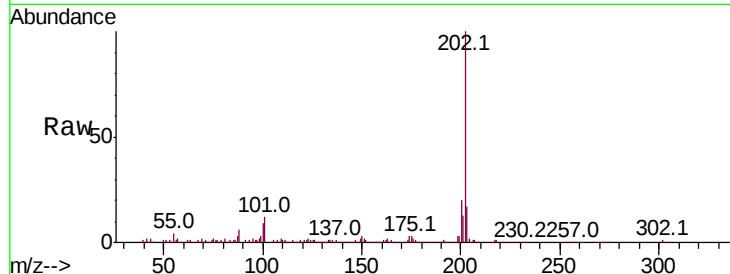
ClientSampleId :

SB-7(0-2)

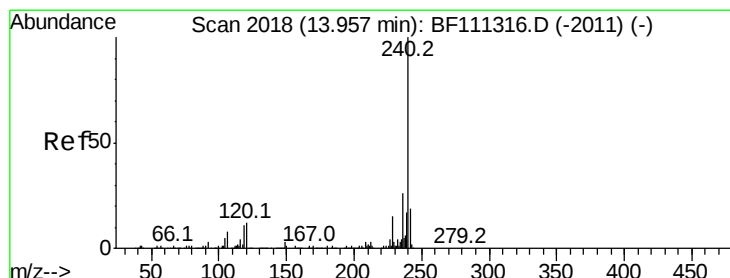
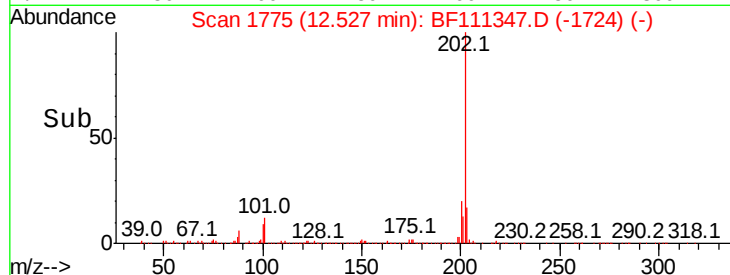
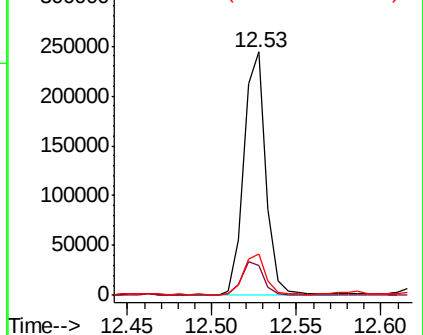
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.2	0.0	33.8
203	17.1	0.0	38.6

Manual Integrations
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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

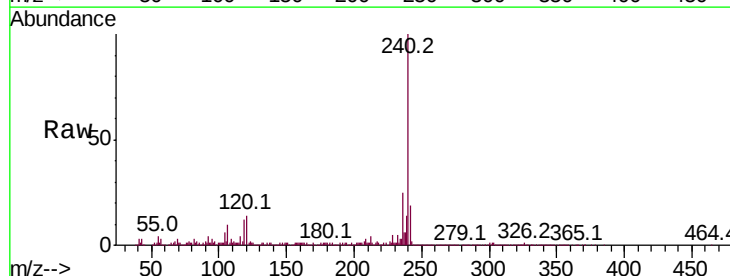
RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

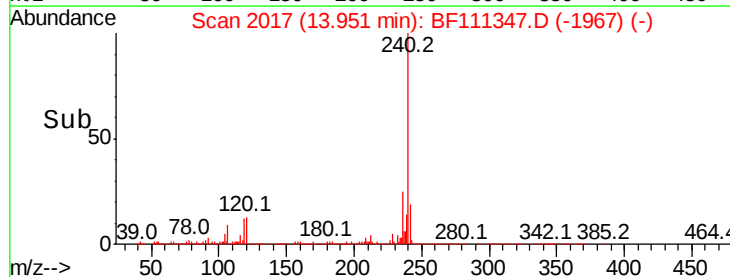
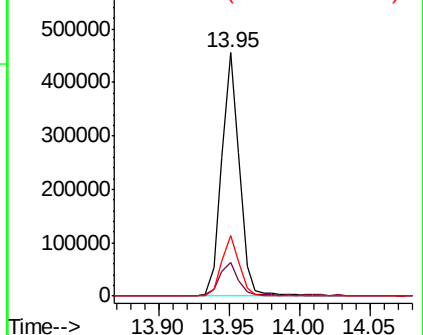
Lab File: BF111347.D

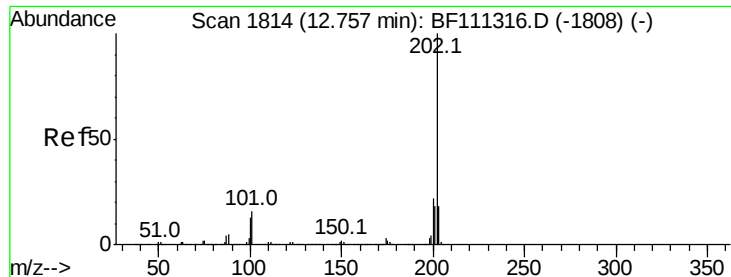
Acq: 13 Dec 2018 3:02

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.6	12.2	18.2
236	25.0	20.2	30.2



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





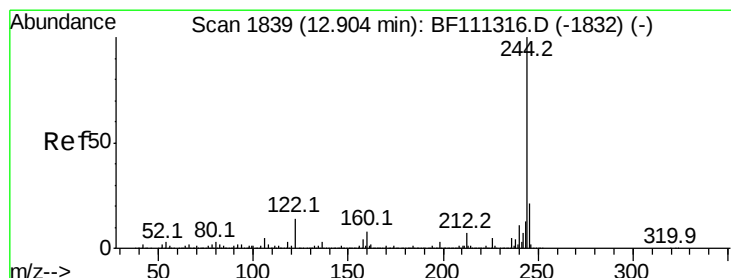
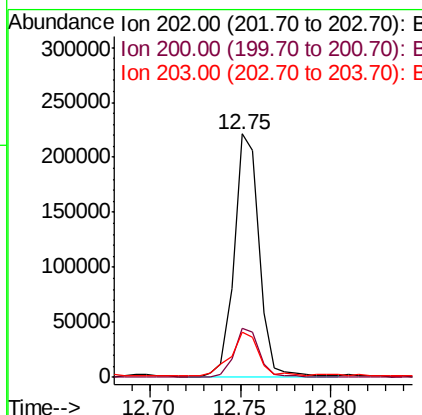
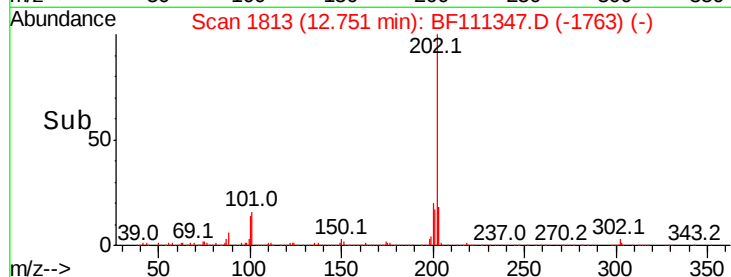
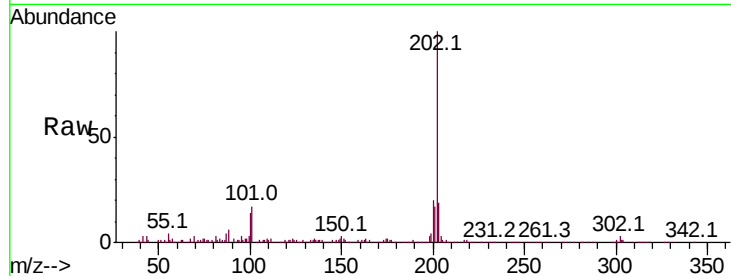
#78
Pvrene
Concen: 6.883 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111347.D
Acq: 13 Dec 2018 3:02

Instrument :
BNA_F
ClientSampled :
SB-7(0-2)

Tot Ion:	202	Resp:	211316
Ion Ratio	Lower	Upper	
202	100		
200	20.0	19.0	28.4
203	18.5	15.2	22.8

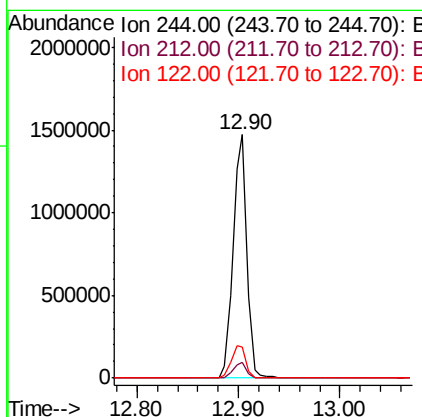
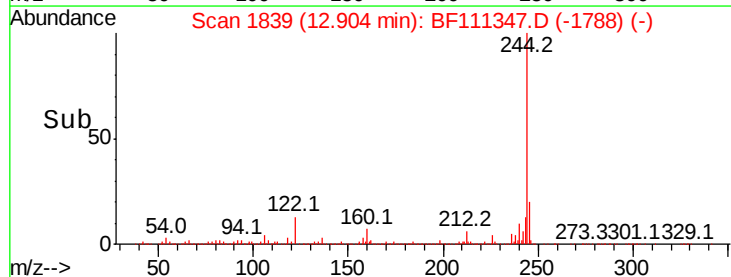
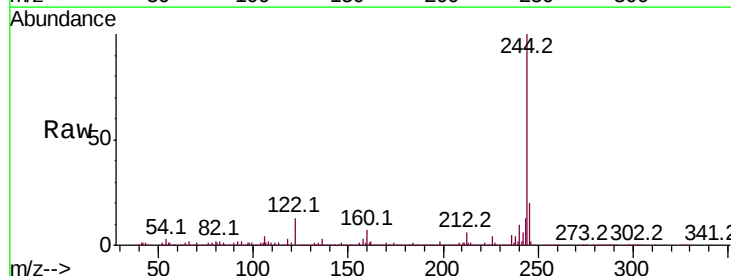
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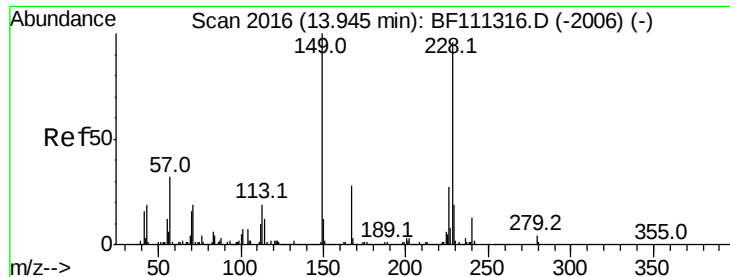
Sohil
12/13/2018 6:07:01 PM



#79
Terphenyl-d14
Concen: 76.399 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BF111347.D
Acq: 13 Dec 2018 3:02

Tgt Ion:	244	Resp:	1380873
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.7	8.5
122	13.0	13.1	19.7#





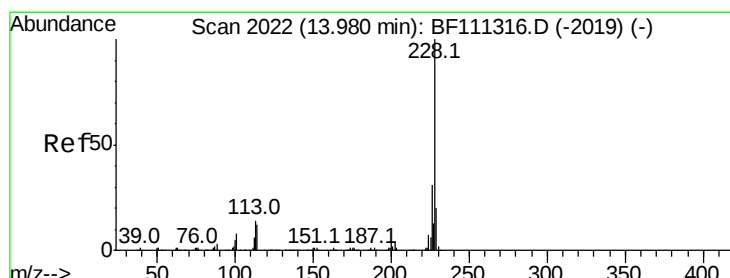
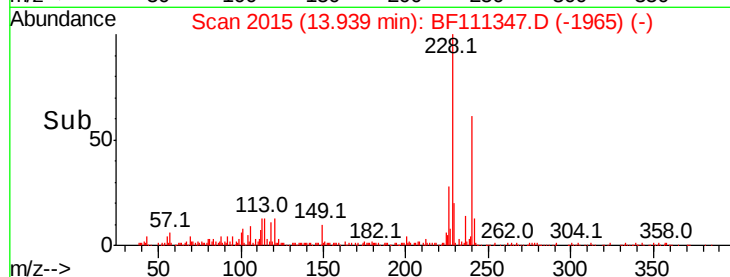
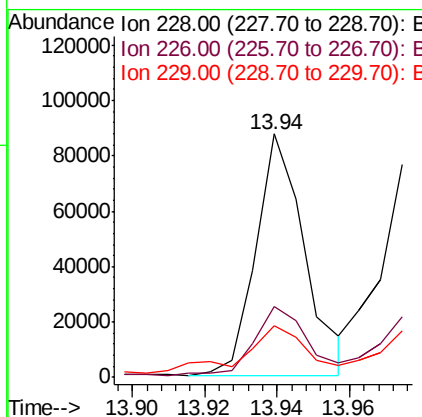
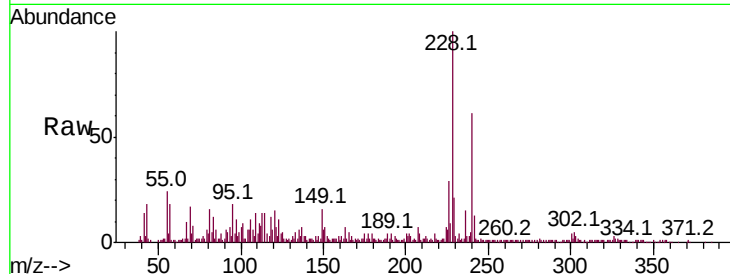
#81
Benzo(a)anthracene
Concen: 3.648 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111347.D
Acq: 13 Dec 2018 3:02

Instrument :
BNA_F
ClientSampled :
SB-7(0-2)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	34.0
229	21.2	16.3	24.5

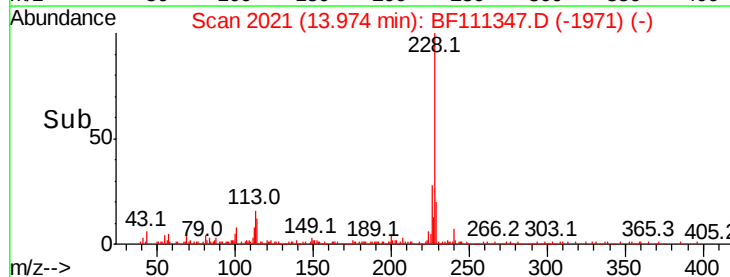
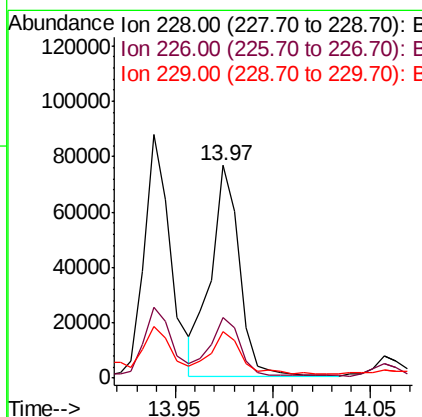
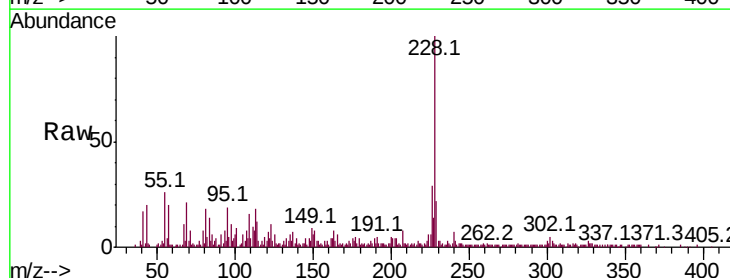
Manual Integrations
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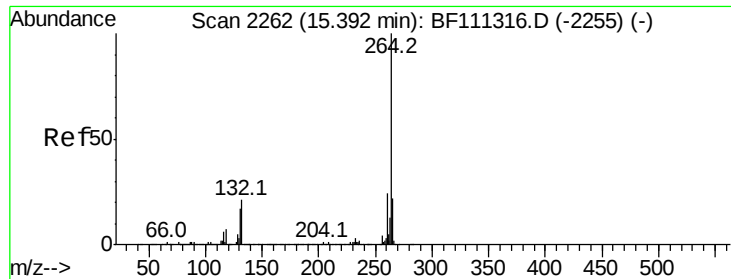
Sohil
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#83
Chrysene
Concen: 3.419 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111347.D
Acq: 13 Dec 2018 3:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.3	37.9
229	22.0	17.2	25.8





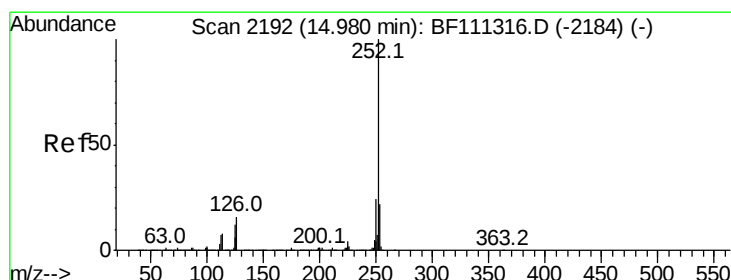
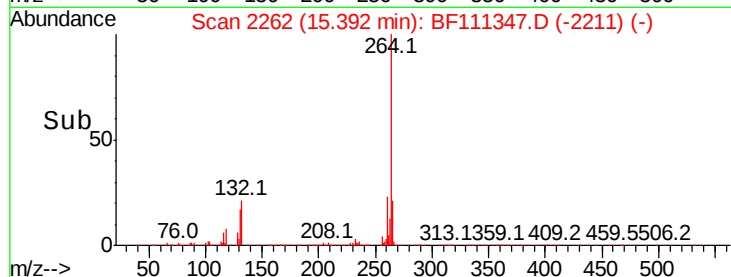
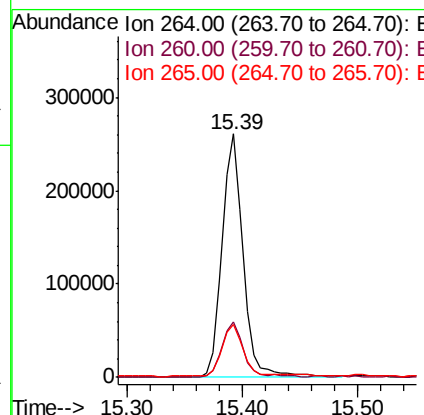
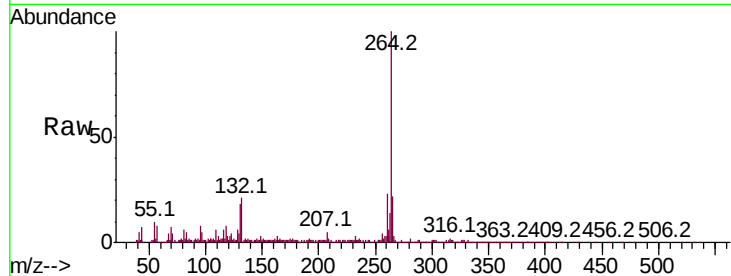
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BF111347.D
Acq: 13 Dec 2018 3:02

Instrument :
BNA_F
ClientSampled :
SB-7(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	21.6	17.7	26.5

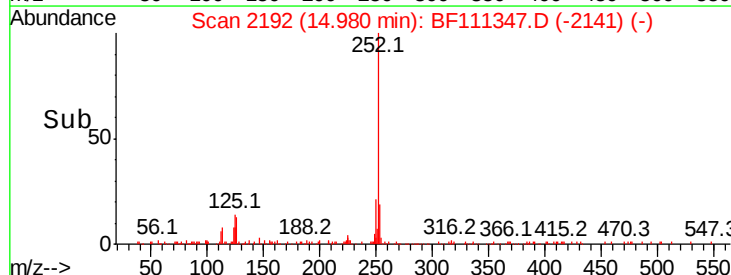
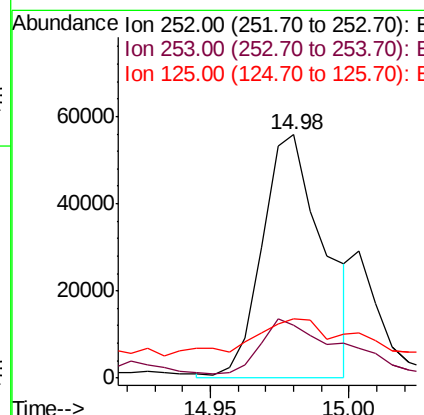
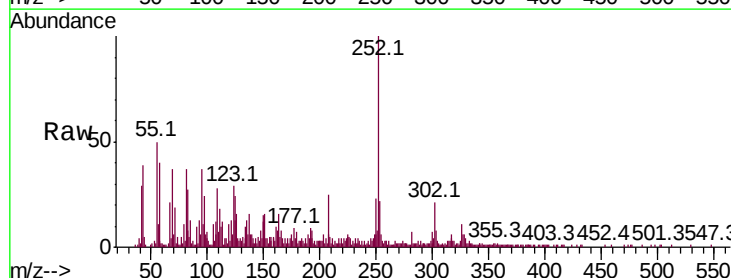
Manual Integrations
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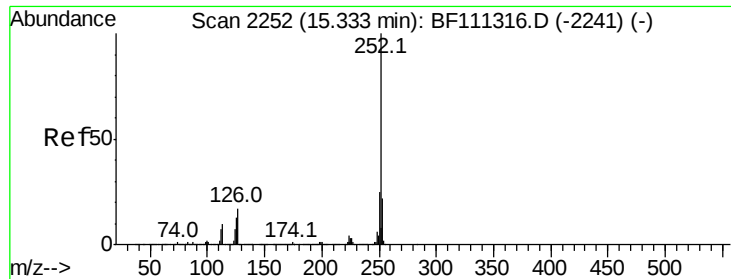
Sohil
12/13/2018 6:07:01 PM



#88
Benzo(b)fluoranthene
Concen: 4.634 ng m
RT: 14.98 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF111347.D
Acq: 13 Dec 2018 3:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	24.4	10.4	15.6#





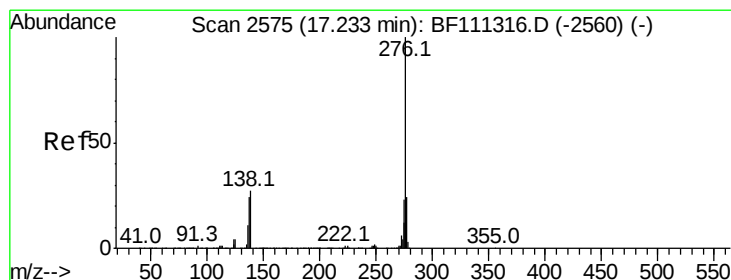
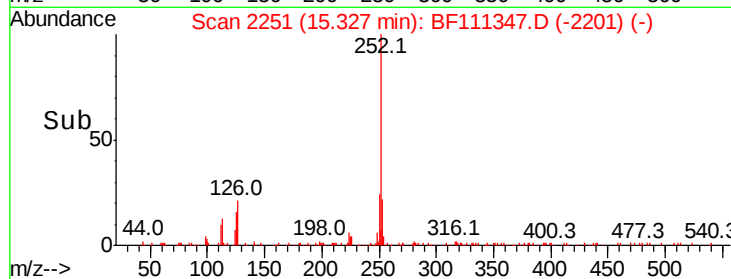
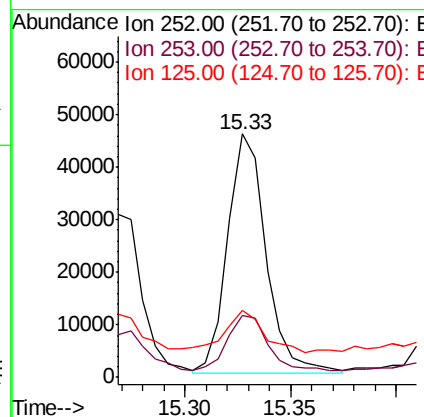
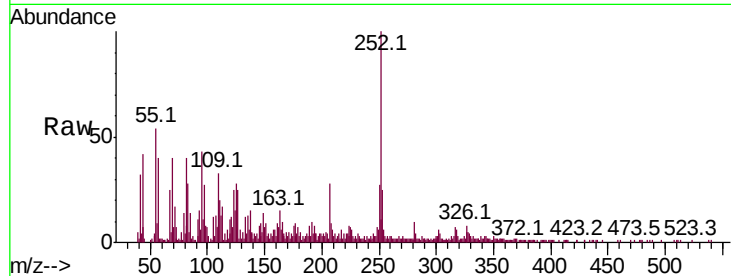
#90
Benzo(a)pyrene
Concen: 3.302 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF111347.D
Acq: 13 Dec 2018 3:02

Instrument :
BNA_F
ClientSampleId :
SB-7(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.8	26.8
125	27.5	12.3	18.5

Manual Integrations
APPROVED

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12/13/2018 6:07:01 PM



#92
Benzo(g,h,i)perylene
Concen: 2.253 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BF111347.D
Acq: 13 Dec 2018 3:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.7	19.2	28.8
138	39.8	24.9	37.3

