

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109981.D
 Acq On : 19 Oct 2018 1:29
 Operator : JU/SJ
 Sample : J5570-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-08

Manual Integrations
 APPROVED

Sohil
 10/19/2018 12:15:06 PM

Quant Time: Oct 19 11:23:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	210129	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	821464	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	367237	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	587064	20.00	ng	0.00
76) Chrysene-d12	14.15	240	411906	20.00	ng	-0.01
87) Perylene-d12	15.68	264	416459	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1086302	81.95	ng	0.00
7) Phenol-d6	6.60	99	1353976	82.25	ng	0.00
23) Nitrobenzene-d5	7.54	82	846202	69.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	275354	86.60	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1332718	57.91	ng	0.00
79) Terphenyl-d14	13.09	244	946628	48.26	ng	-0.01
Target Compounds						
10) Phenol	6.61	94	150462	8.466	ng	Qvalue # 59
50) Dimethylphthalate	9.72	163	224064	8.617	ng	99
75) Fluoranthene	12.72	202	100811	3.320	ng	97
78) Pyrene	12.95	202	75975	2.511	ng	98
88) Benzo(b)fluoranthene	15.22	252	52957m	2.206	ng	

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

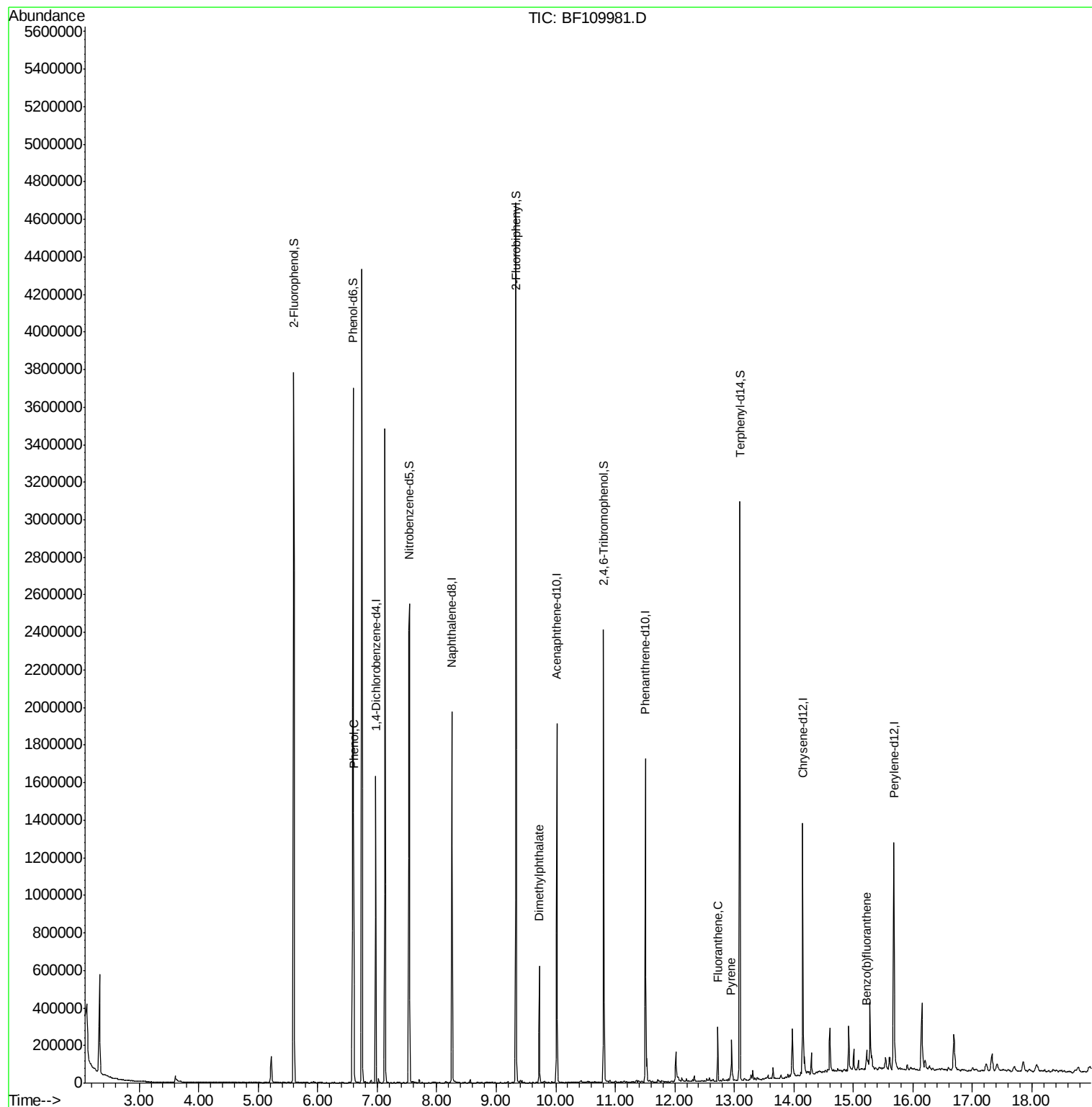
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
Data File : BF109981.D
Acq On : 19 Oct 2018 1:29
Operator : JU/SJ
Sample : J5570-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

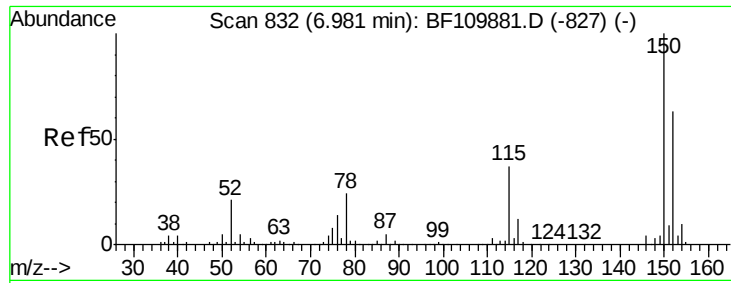
Instrument :
BNA_F
ClientSampleId :
TS-08

Quant Time: Oct 19 11:23:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

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#1

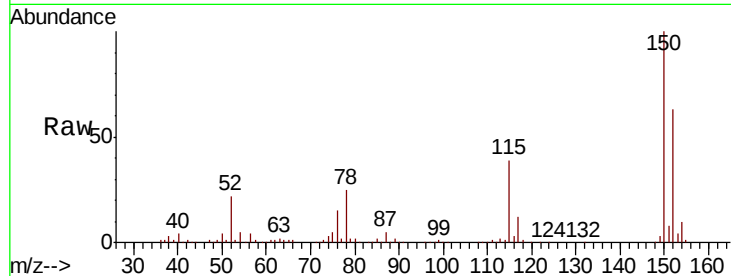
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109981.D
Acq: 19 Oct 2018 1:29

Instrument :
BNA_F
ClientSampled :
TS-08

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	122.7	184.1
115	62.0	49.1	73.7

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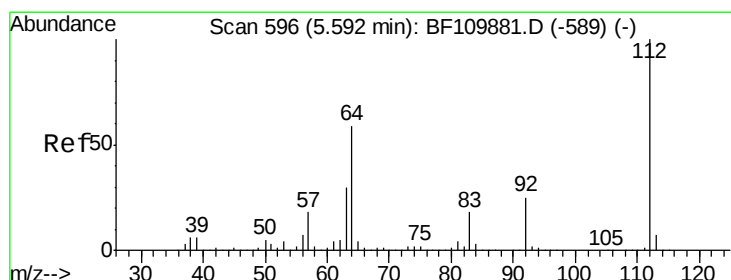
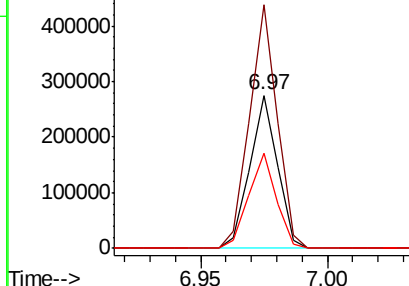
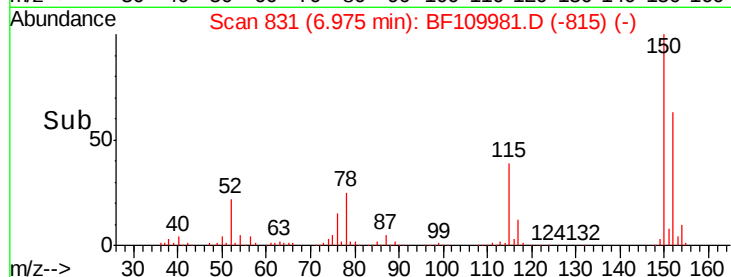


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

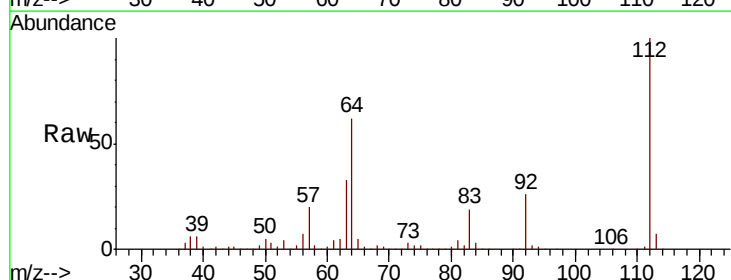
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 81.947 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF109981.D
Acq: 19 Oct 2018 1:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	44.1	66.1
63	32.6	23.7	35.5

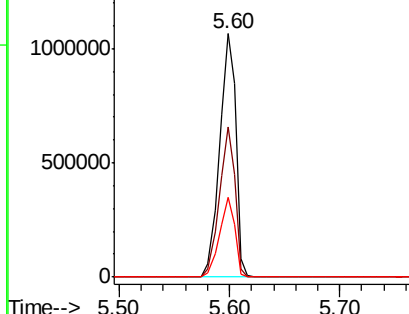
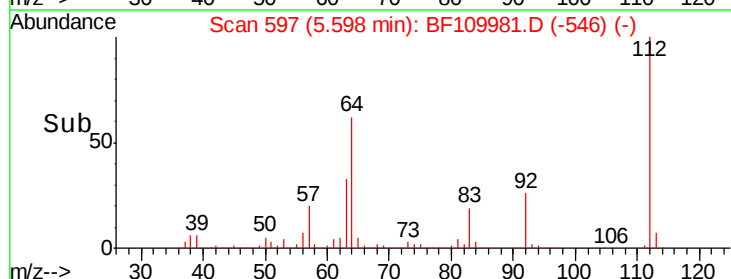


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 82.255 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109981.D

Acq: 19 Oct 2018 1:29

Instrument :

BNA_F

ClientSampled :

TS-08

Tot Ion: 99 Resp: 1353976

Ion Ratio Lower Upper

99 100

42 18.5 15.8 23.6

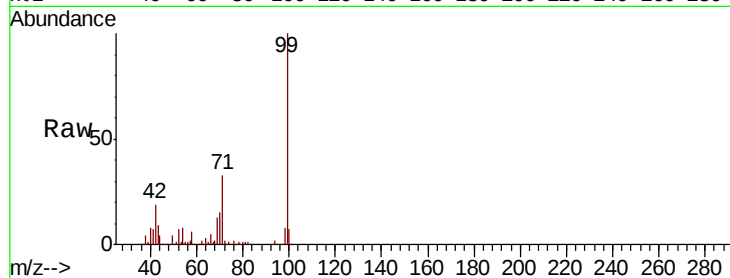
71 33.3 28.0 42.0

Manual Integrations

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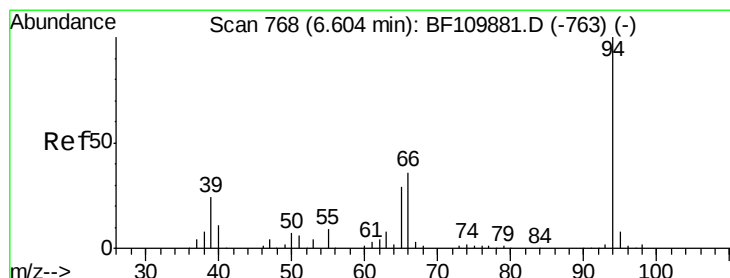
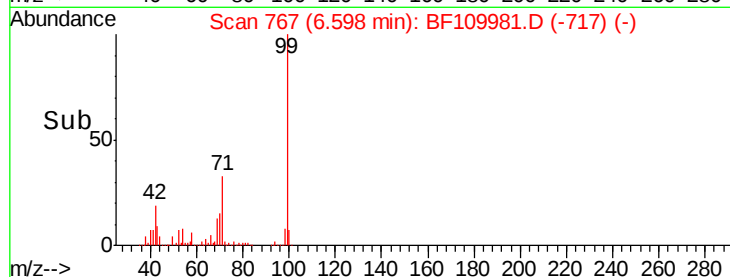
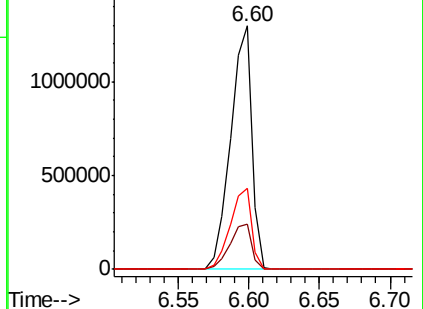
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 8.466 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF109981.D

Acq: 19 Oct 2018 1:29

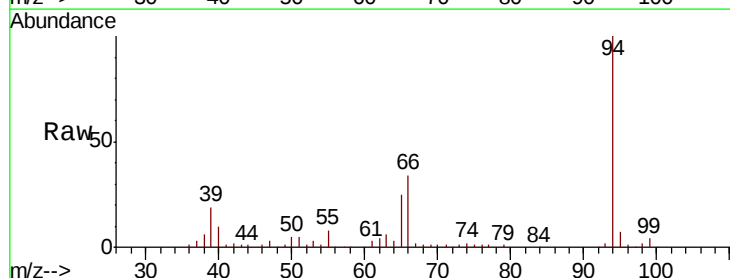
Tgt Ion: 94 Resp: 150462

Ion Ratio Lower Upper

94 100

65 25.5 25.3 65.3

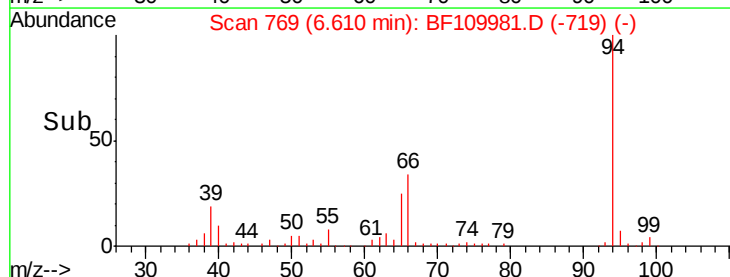
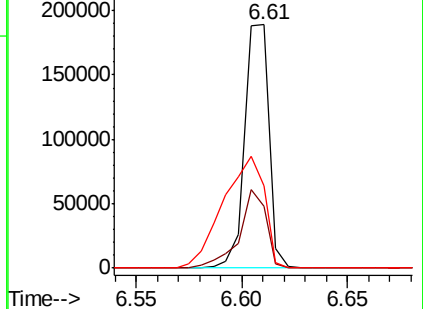
66 34.0 54.5 94.5#

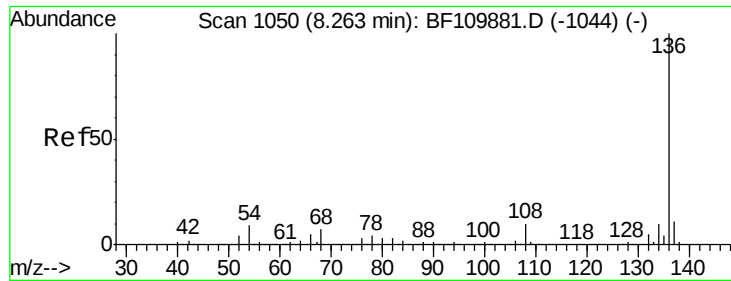


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





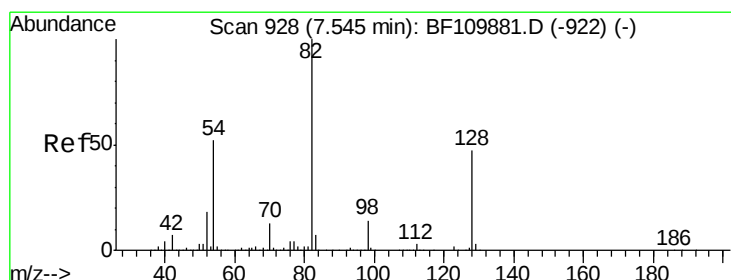
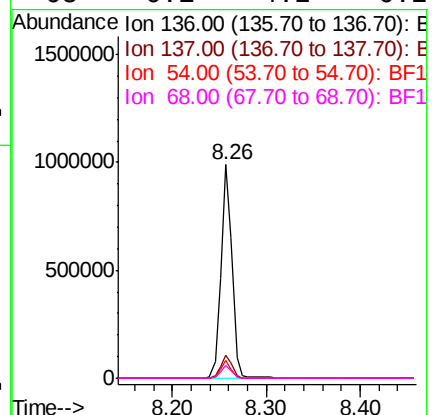
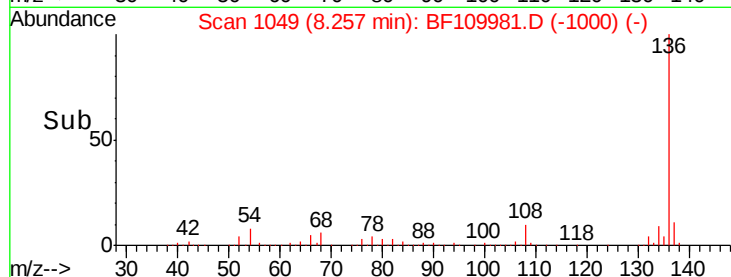
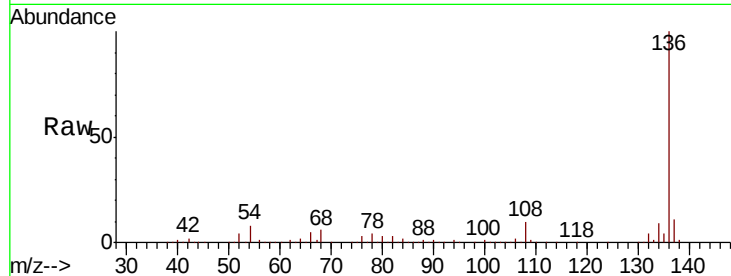
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109981.D
Acq: 19 Oct 2018 1:29

Instrument :
BNA_F
ClientSampleId :
TS-08

Tot Ion	Ratio	Resp	Lower	Upper
136	100	821464		
137	11.1	8.8	13.2	
54	8.5	5.4	8.2#	
68	6.1	4.2	6.2	

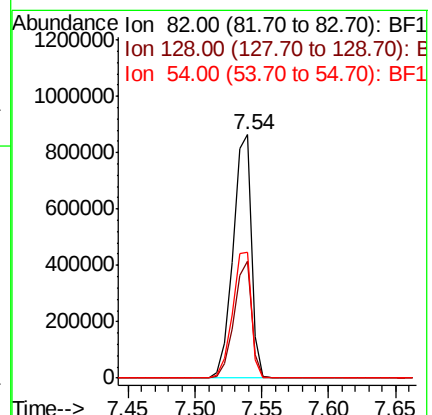
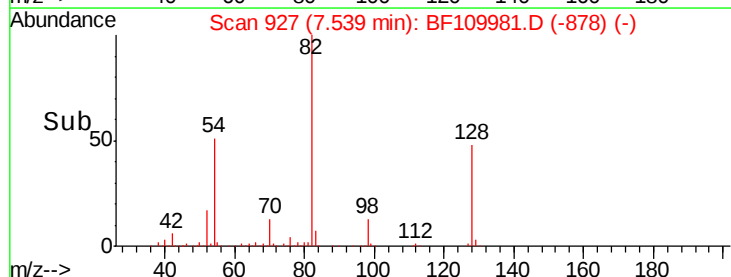
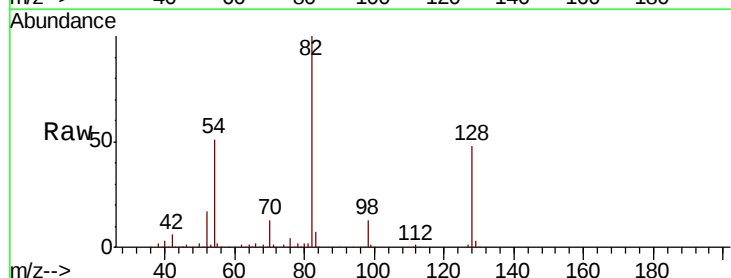
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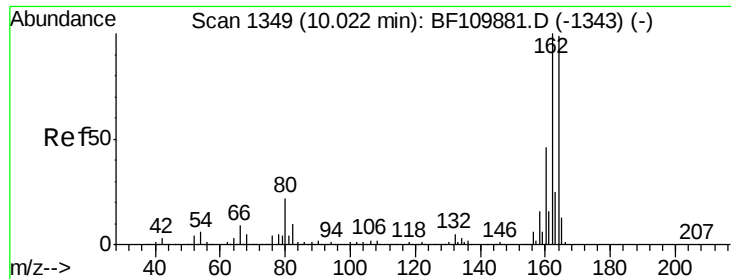
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#23
Nitrobenzene-d5
Concen: 69.393 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109981.D
Acq: 19 Oct 2018 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	846202		
128	48.0	34.2	51.2	
54	51.4	38.6	58.0	





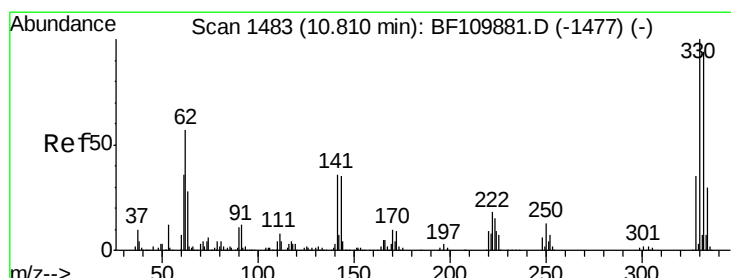
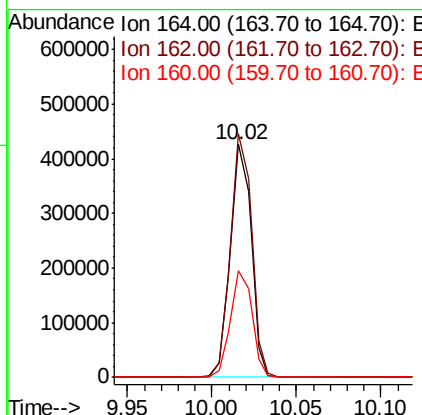
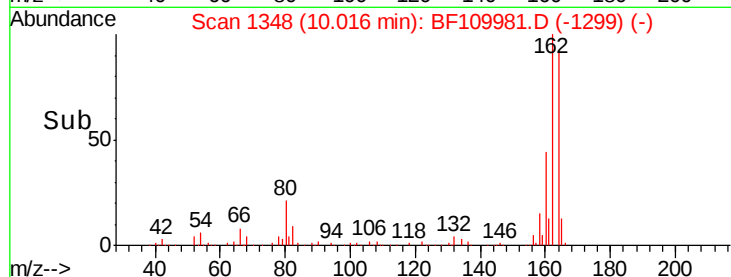
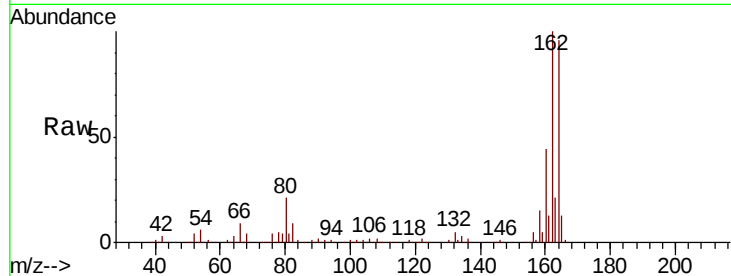
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF109981.D
Acq: 19 Oct 2018 1:29

Instrument :
BNA_F
ClientSampleId :
TS-08

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.4	83.0	124.6	
160	45.8	37.0	55.6	

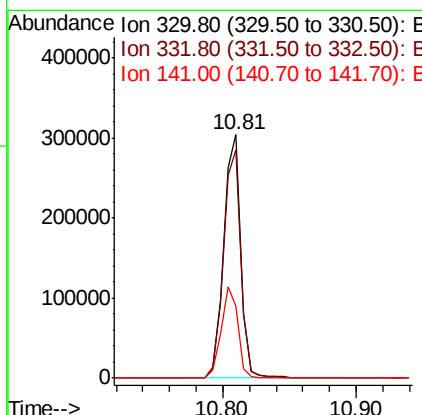
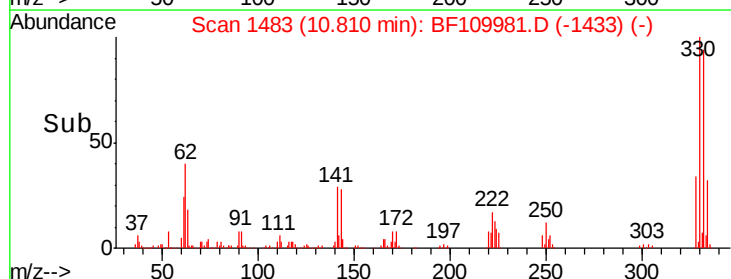
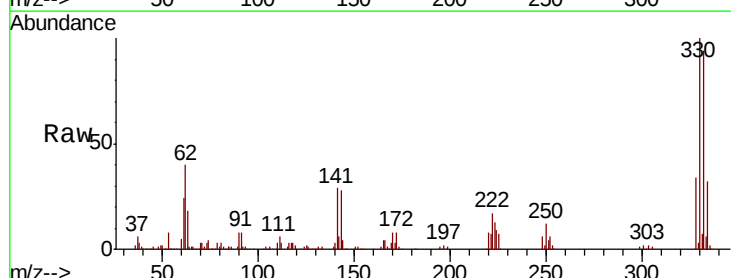
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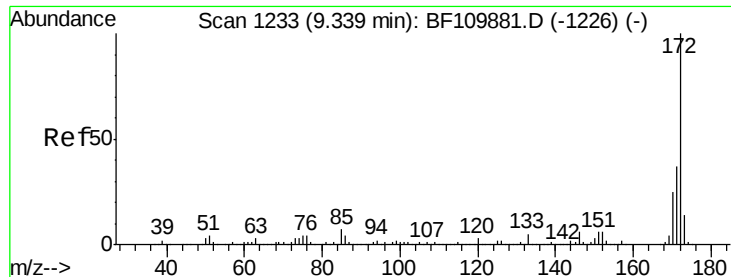
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#42
2,4,6-Tribromophenol
Concen: 86.605 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF109981.D
Acq: 19 Oct 2018 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	77.1	115.7	
141	36.9	27.0	40.4	





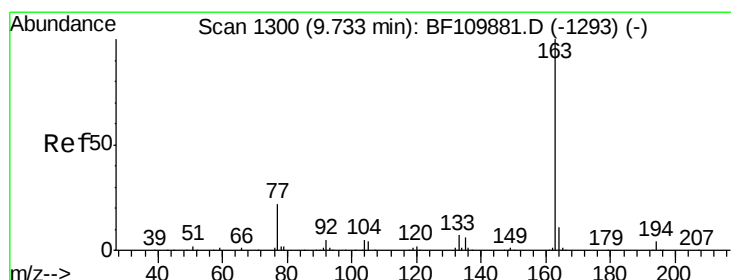
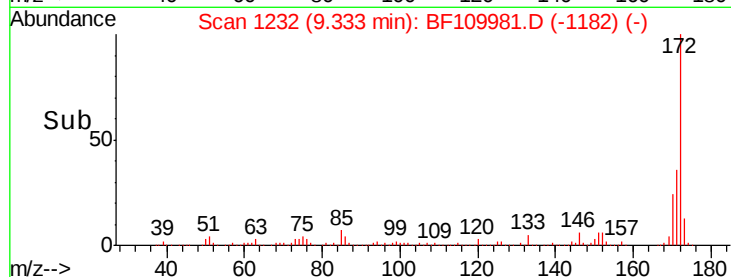
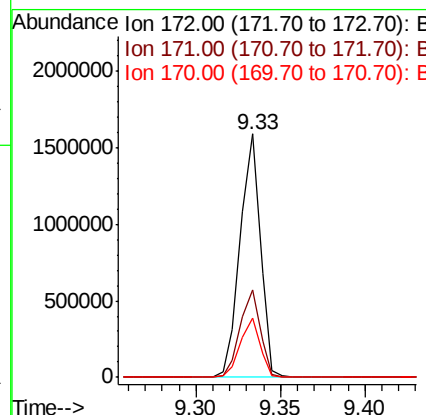
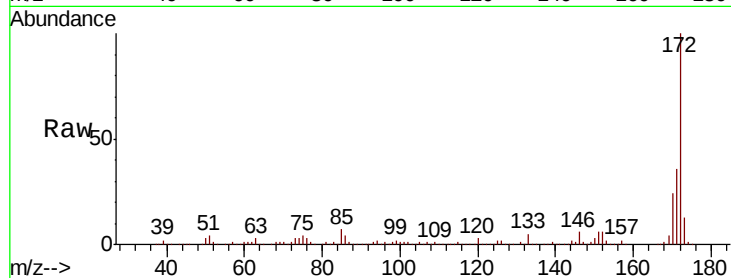
#45
2-Fluorobiphenyl
Concen: 57.907 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109981.D
Acq: 19 Oct 2018 1:29

Instrument :
BNA_F
ClientSampled :
TS-08

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.4	19.7	29.5

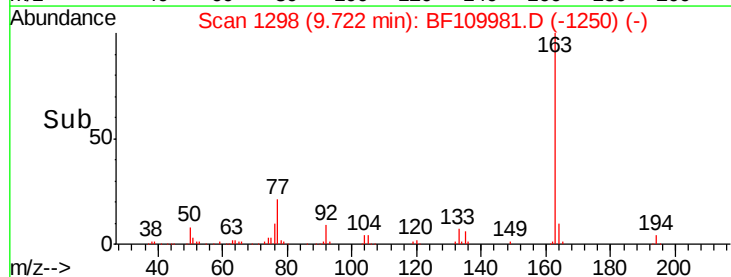
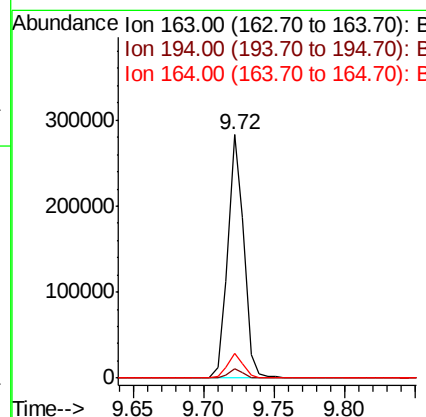
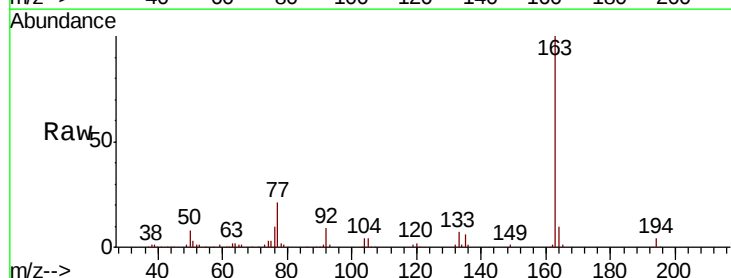
Manual Integrations
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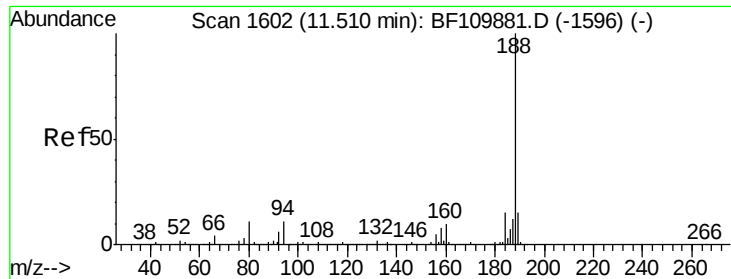
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#50
Dimethylphthalate
Concen: 8.617 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109981.D
Acq: 19 Oct 2018 1:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.4	8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF109981.D

Acq: 19 Oct 2018 1:29

Instrument :

BNA_F

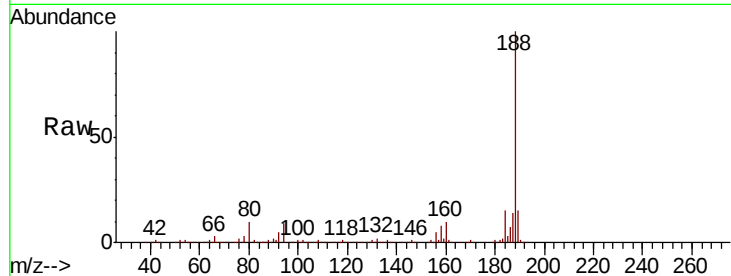
ClientSampled :

TS-08

Tot Ion:	188	Resp:	587064
Ion Ratio	Lower	Upper	
188	100		
94	9.3	7.2	10.8
80	10.1	7.9	11.9

Manual Integrations
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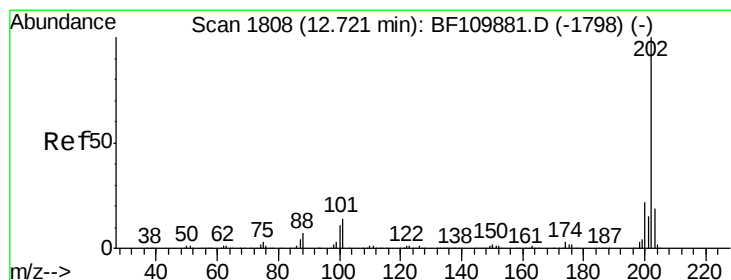
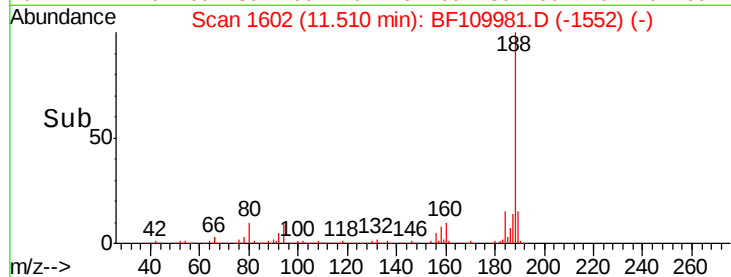
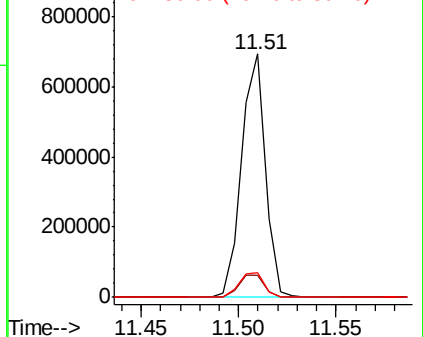
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Fluoranthene

Concen: 3.320 ng

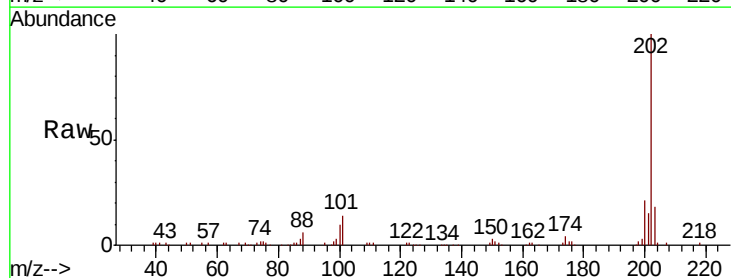
RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF109981.D

Acq: 19 Oct 2018 1:29

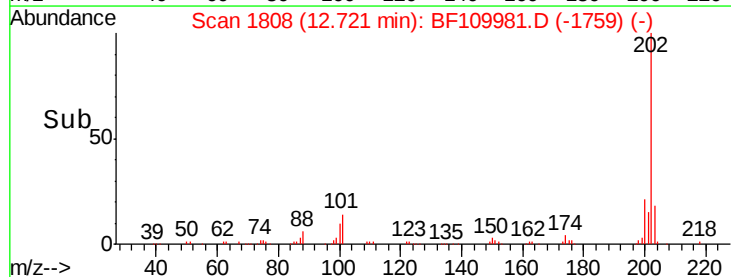
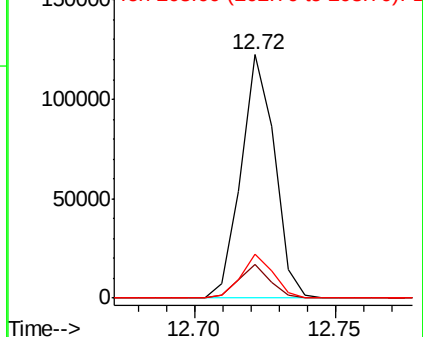
Tgt Ion:	202	Resp:	100811
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	31.4
203	18.1	0.0	37.7

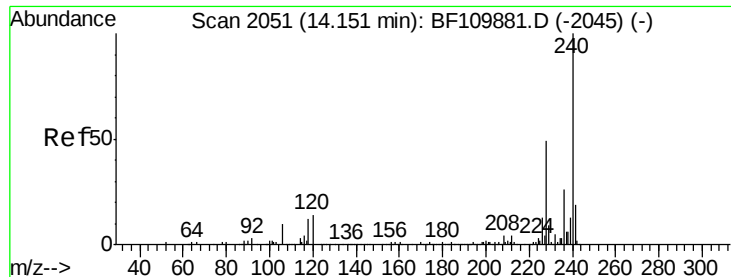


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





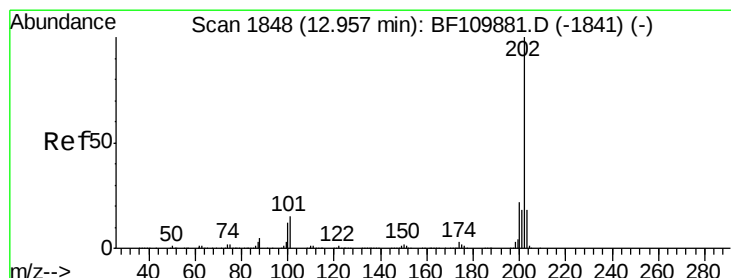
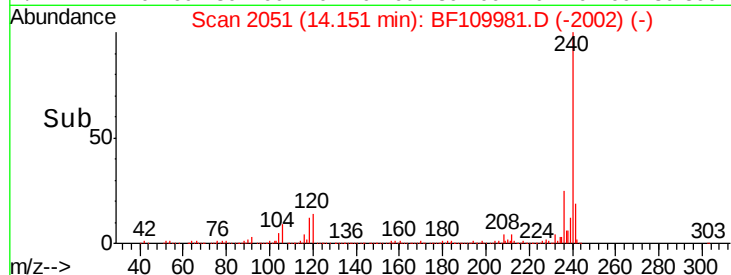
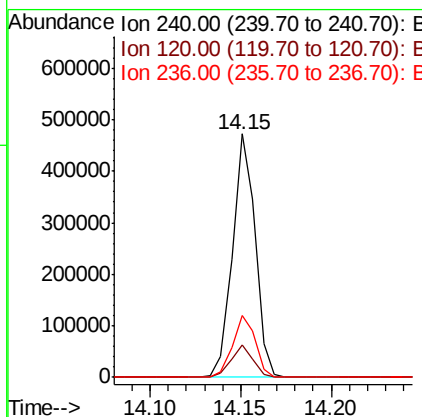
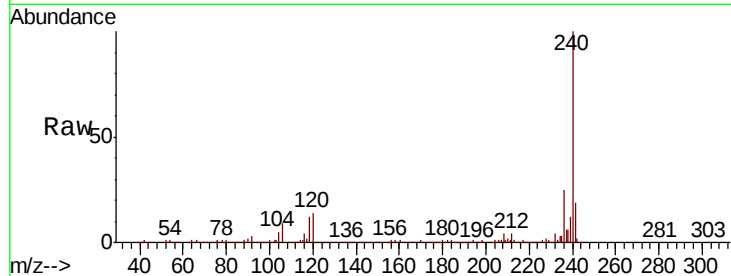
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF109981.D
Acq: 19 Oct 2018 1:29

Instrument :
BNA_F
ClientSampleId :
TS-08

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.5	8.3	12.5#
236	25.4	21.2	31.8

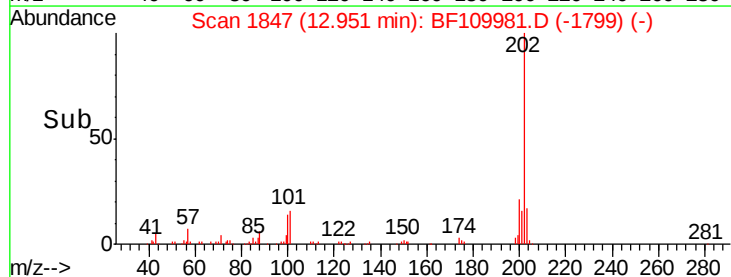
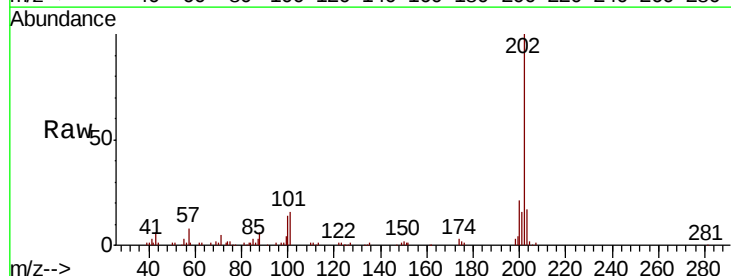
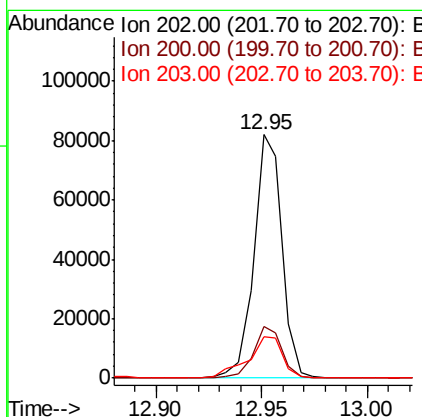
Manual Integrations
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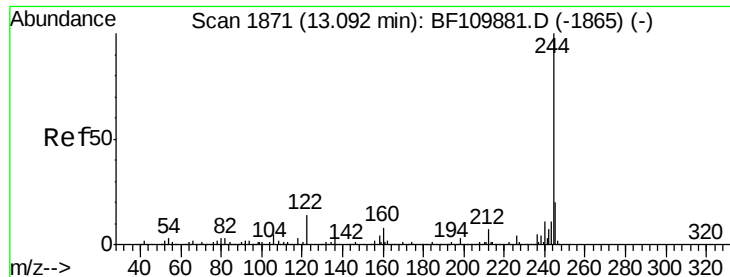
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#78
Pyrene
Concen: 2.511 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF109981.D
Acq: 19 Oct 2018 1:29

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.8	26.6
203	17.0	14.2	21.4





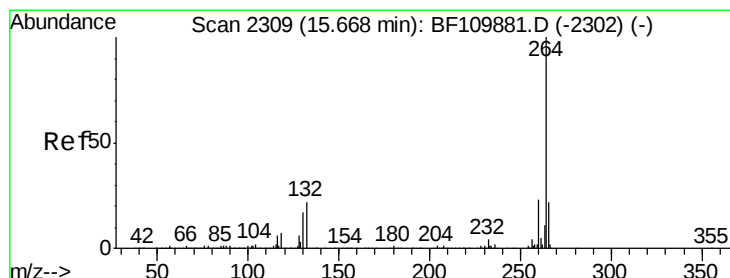
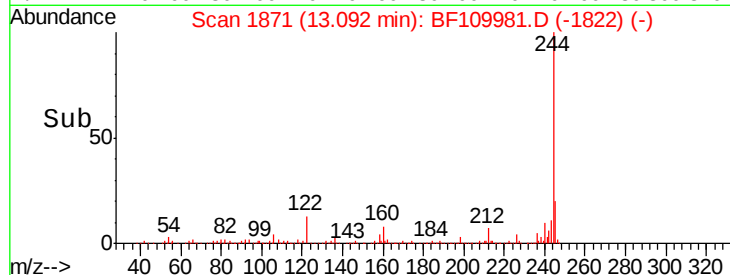
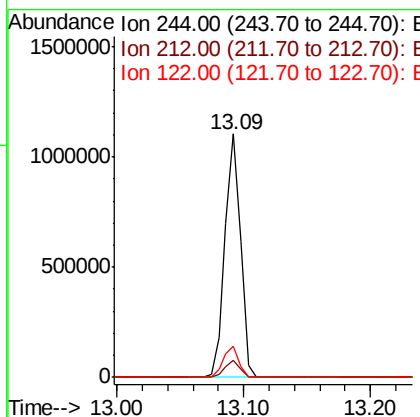
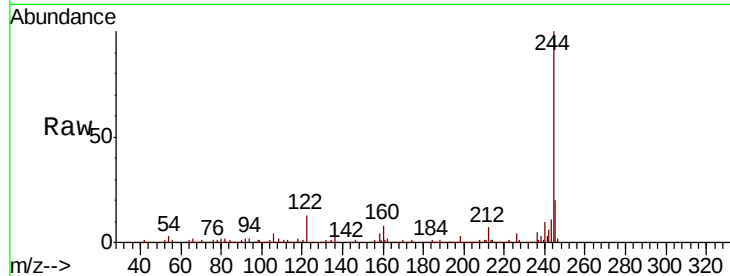
#79
 Terphenyl-d14
 Concen: 48.260 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF109981.D
 Acq: 19 Oct 2018 1:29

Instrument :
 BNA_F
 ClientSampled :
 TS-08

Tot Ion	Ratio	Resp	Lower	Upper
244	100	946628		
212	6.8		5.8	8.8
122	13.0		8.7	13.1

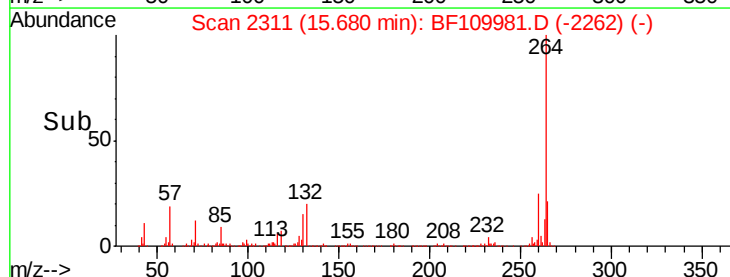
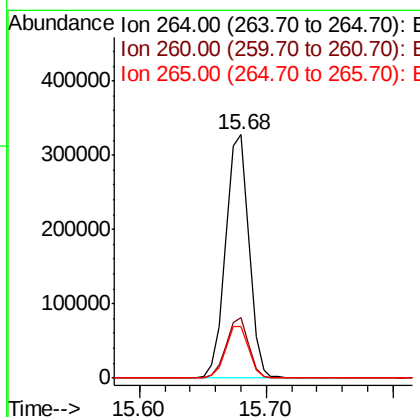
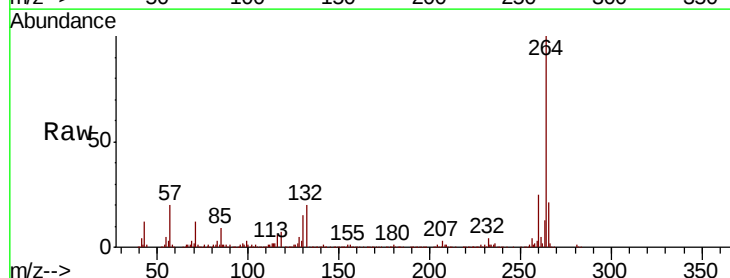
Manual Integrations
 APPROVED

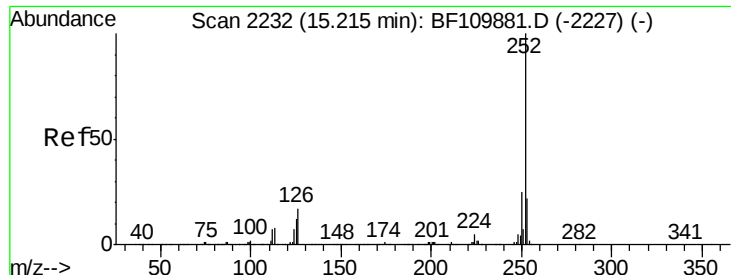
Sohil
 10/19/2018 12:15:06 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BF109981.D
 Acq: 19 Oct 2018 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	416459		
260	24.7		18.7	28.1
265	21.4		16.7	25.1





#88
 Benzo(b)fluoranthene
 Concen: 2.206 ng/ml
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF109981.D
 Acq: 19 Oct 2018 1:29

Instrument :
 BNA_F
 ClientSampleId :
 TS-08

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	13.6	8.2	12.4

Manual Integrations
 APPROVED

Sohil
 10/19/2018 12:15:06 PM

