

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
 Data File : BF113017.D
 Acq On : 12 Mar 2019 21:58
 Operator : JU/SJ
 Sample : K1847-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-7B-C-3-031119

Manual Integrations
 APPROVED

Sohil
 3/13/2019 11:40:43 AM

Quant Time: Mar 13 04:42:41 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	176131	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	663044	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	303103	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	554362	20.00	ng	0.00
76) Chrysene-d12	13.86	240	484794	20.00	ng	0.00
87) Perylene-d12	15.27	264	399852	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	841069	74.28	ng	0.00
7) Phenol-d6	6.37	99	1108217	77.92	ng	0.00
23) Nitrobenzene-d5	7.29	82	668857	60.36	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	308871	95.99	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1157616	58.23	ng	0.00
79) Terphenyl-d14	12.82	244	1027418	41.08	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	105668	4.728	ng	99
75) Fluoranthene	12.45	202	127364	4.310	ng	95
78) Pyrene	12.67	202	117835	2.883	ng	97
88) Benzo(b)fluoranthene	14.87	252	74475m	2.880	ng	
90) Benzo(a)pyrene	15.21	252	46178	2.019	ng	99

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

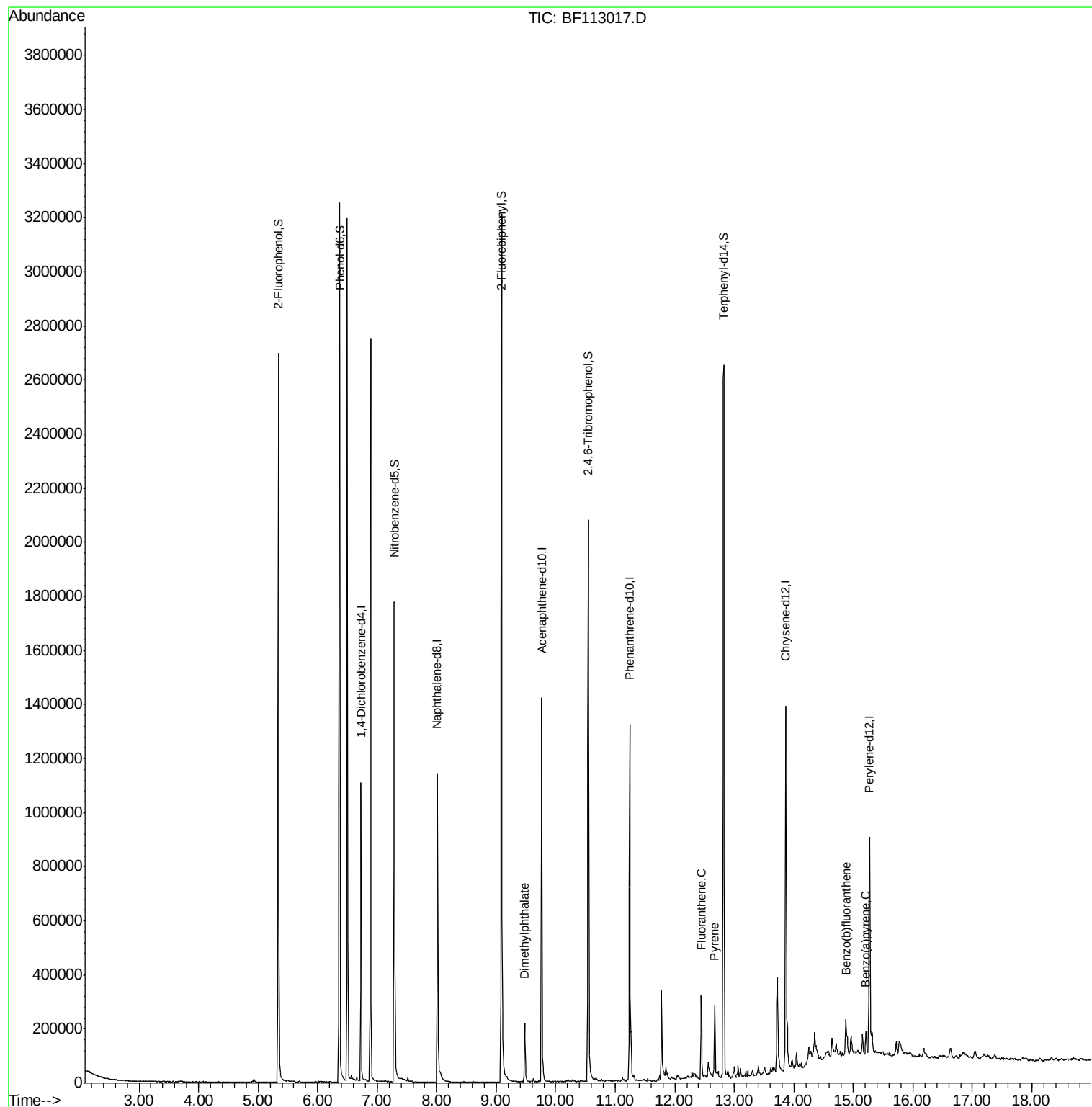
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113017.D
Acq On : 12 Mar 2019 21:58
Operator : JU/SJ
Sample : K1847-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

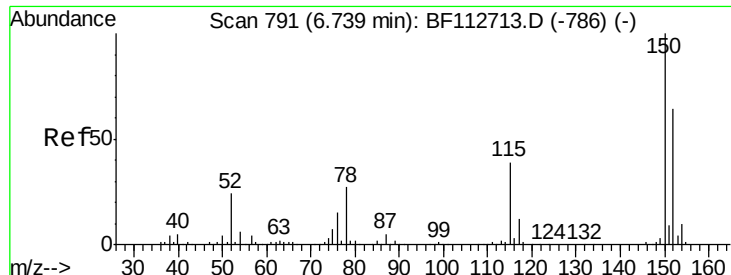
Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-3-031119

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#1

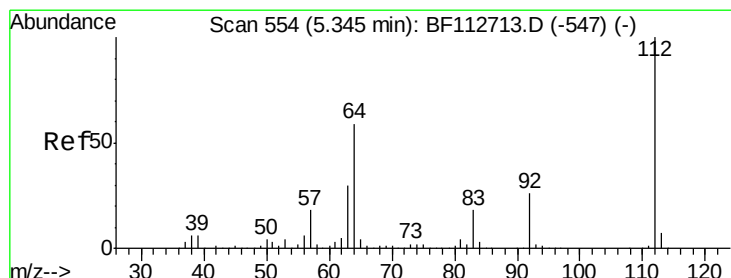
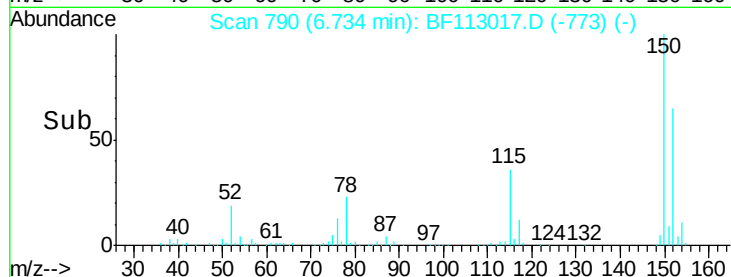
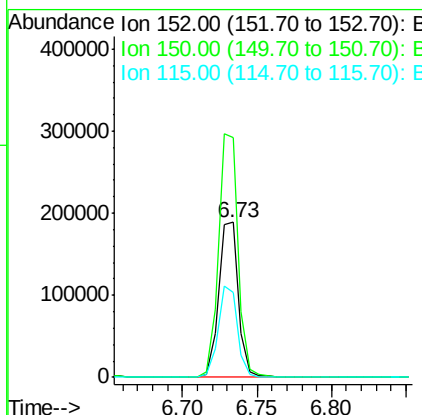
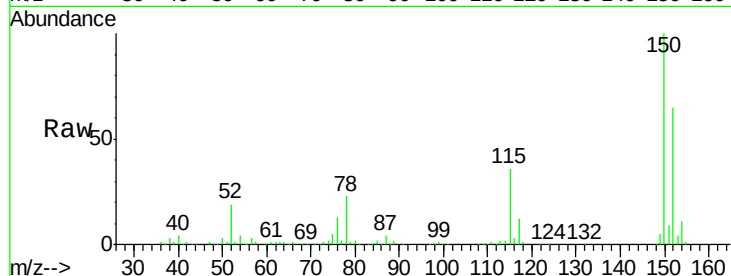
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF113017.D
Acq: 12 Mar 2019 21:58

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-3-031119

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.2	186.2
115	54.9	48.2	72.4

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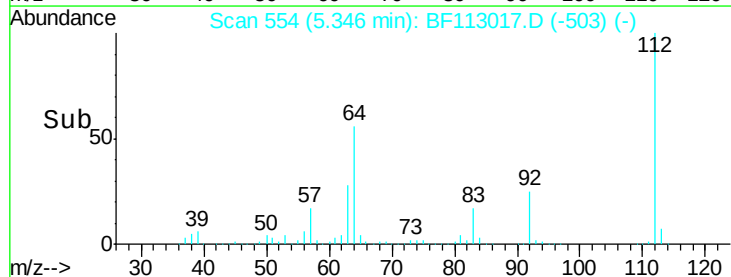
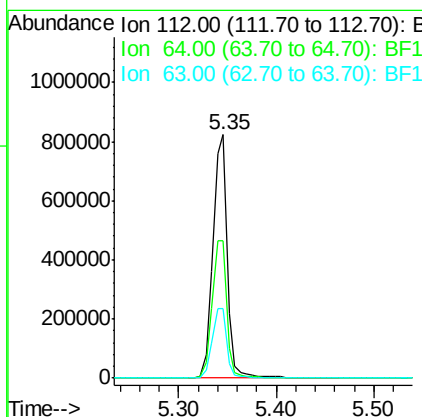
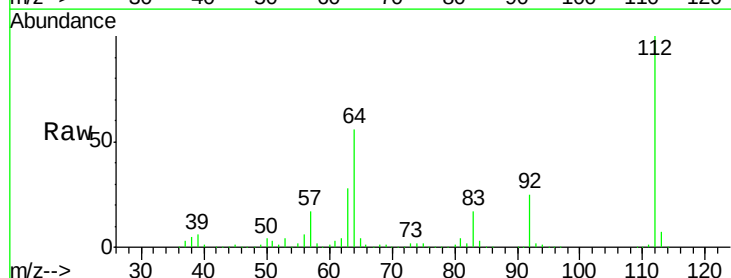
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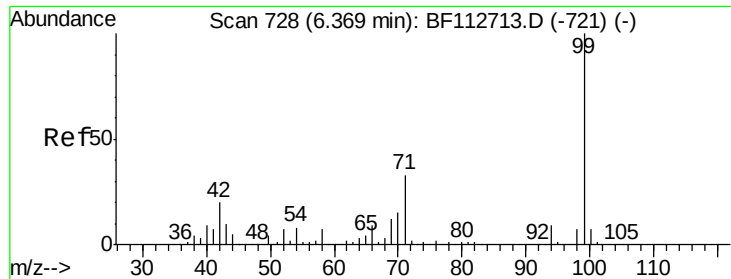


#5

2-Fluorophenol
Concen: 74.281 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113017.D
Acq: 12 Mar 2019 21:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.6	71.4
63	28.3	24.4	36.6





#7

Phenol-d6

Concen: 77.916 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113017.D

Acq: 12 Mar 2019 21:58

Instrument :

BNA_F

ClientSampleId :

SUP-7B-C-3-031119

Tot Ion: 99 Resp: 1108217

Ion Ratio Lower Upper

99 100

42 18.0 16.3 24.5

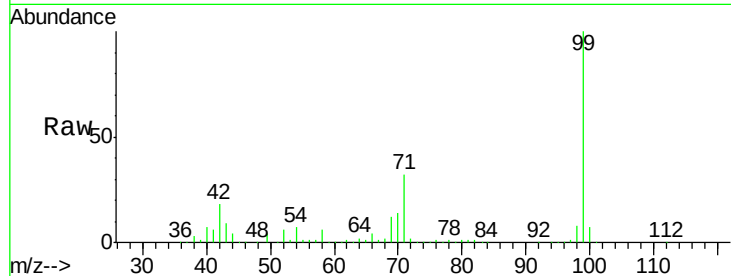
71 31.5 26.2 39.4

Manual Integrations

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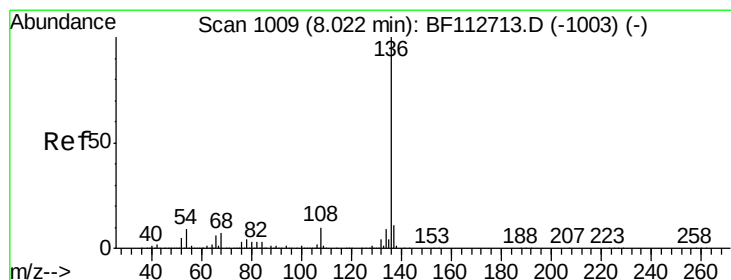
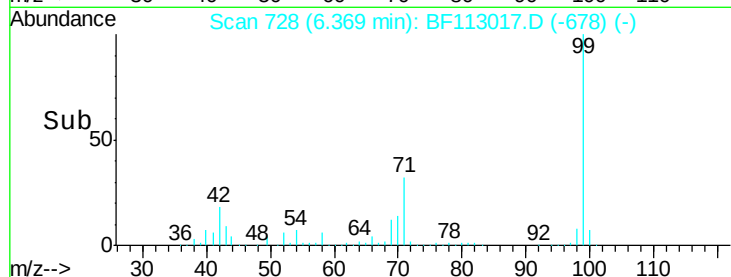
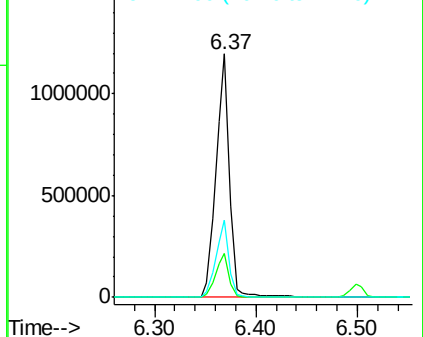
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113017.D

Acq: 12 Mar 2019 21:58

Tgt Ion: 136 Resp: 663044

Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 8.3 7.3 10.9

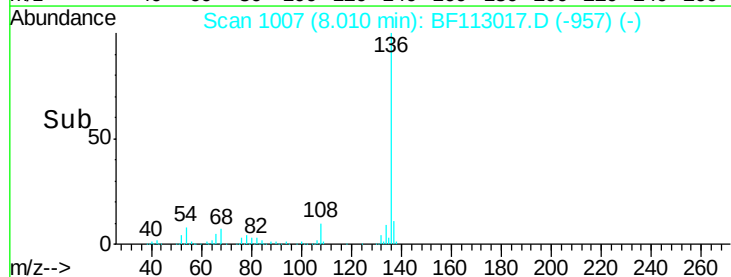
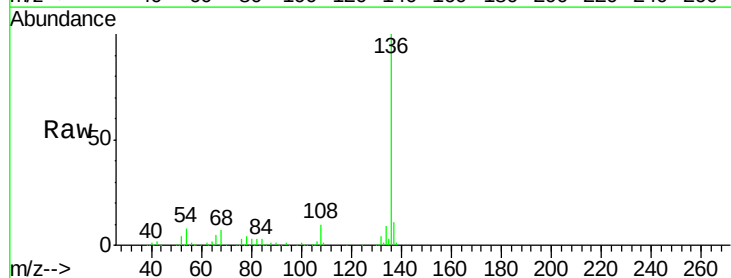
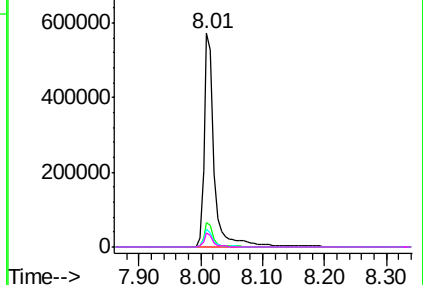
68 6.5 5.4 8.2

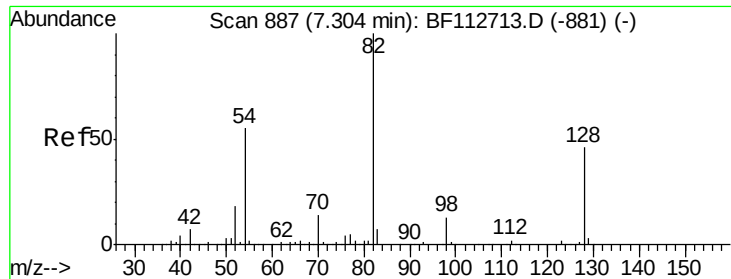
Abundance Ion 136.00 (135.70 to 136.70): E

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





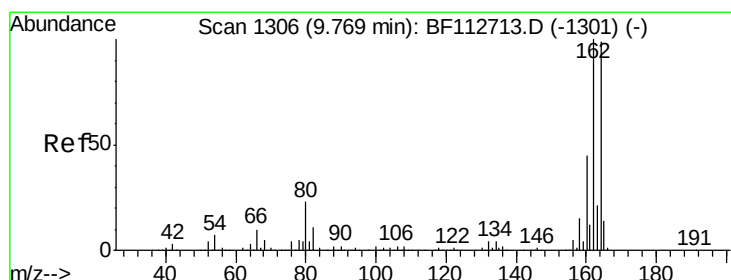
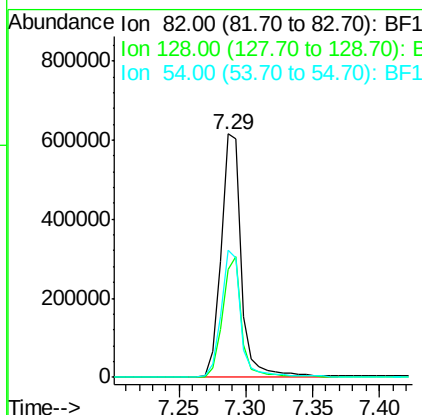
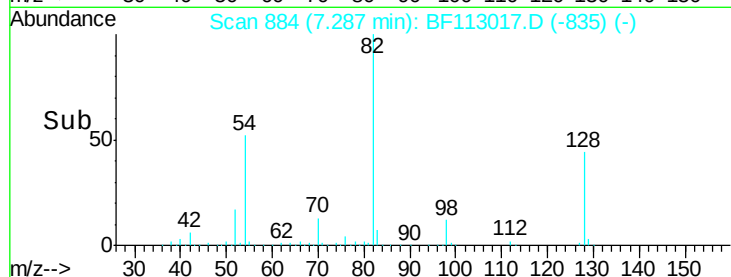
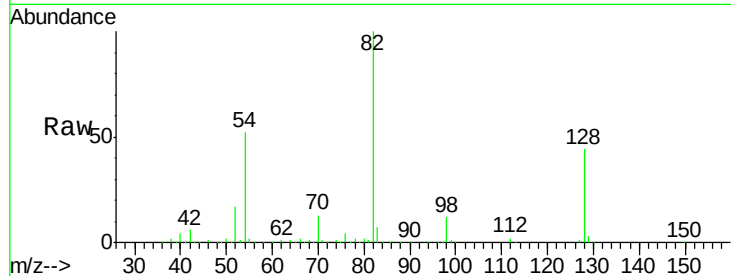
#23
Nitrobenzene-d5
Concen: 60.363 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113017.D
Acq: 12 Mar 2019 21:58

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-3-031119

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.3	54.5
54	52.2	43.7	65.5

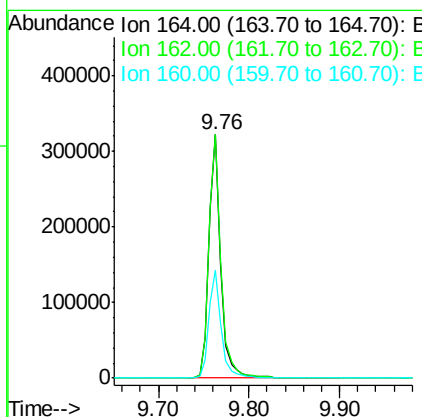
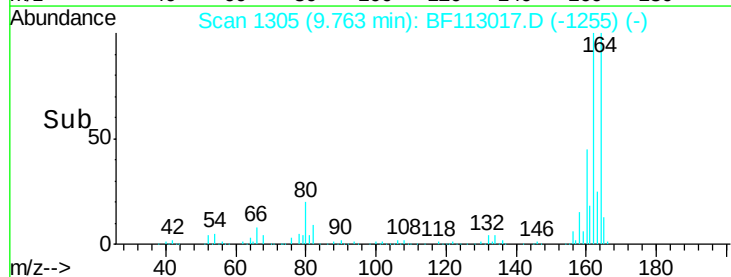
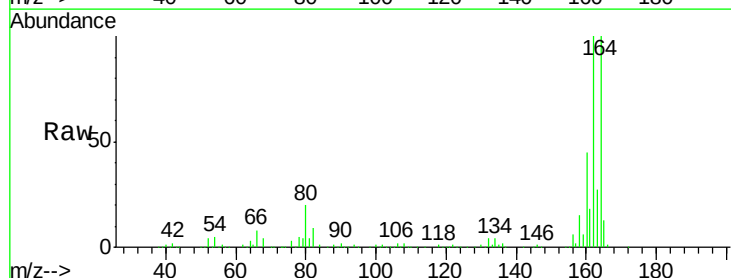
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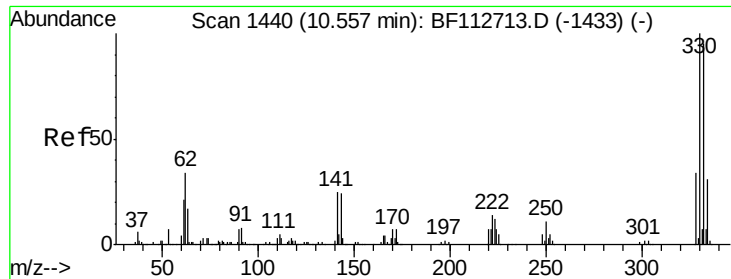
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113017.D
Acq: 12 Mar 2019 21:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.6	120.8
160	44.6	36.0	54.0





#42

2,4,6-Tribromophenol

Concen: 95.988 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF113017.D

Acq: 12 Mar 2019 21:58

Instrument :

BNA_F

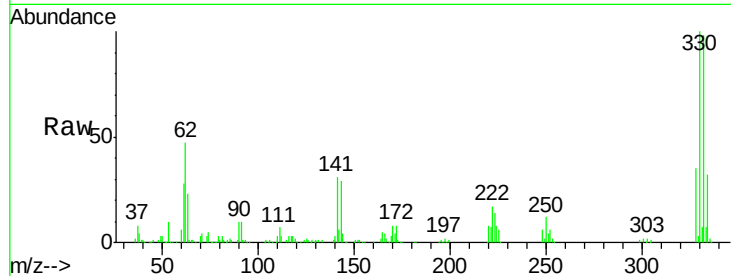
ClientSampleId :

SUP-7B-C-3-031119

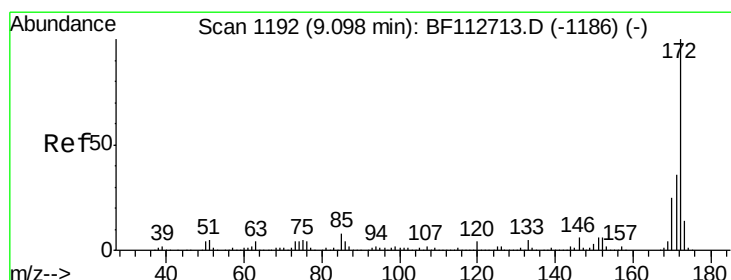
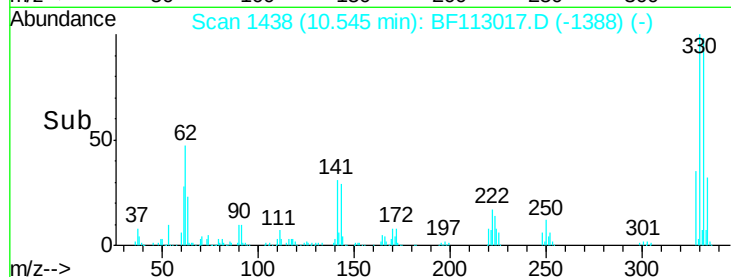
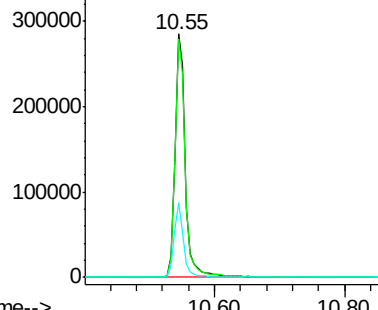
Tot Ion:	330	Resp:	308871
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.2	114.4
141	28.7	27.0	40.6

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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: 58.228 ng

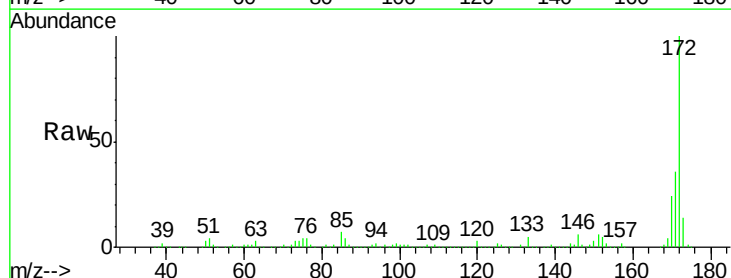
RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

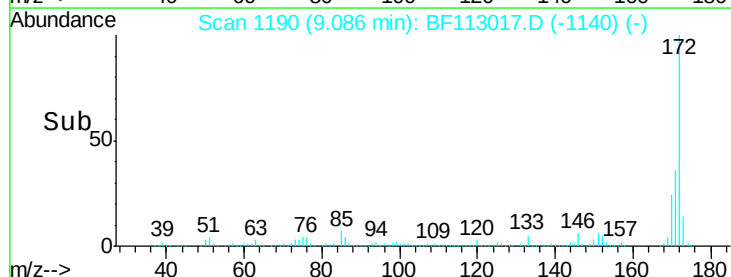
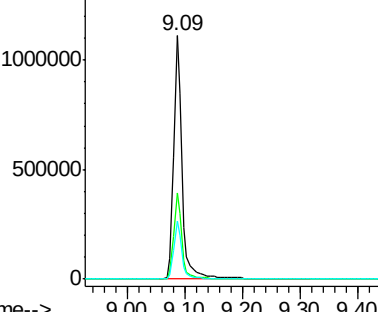
Lab File: BF113017.D

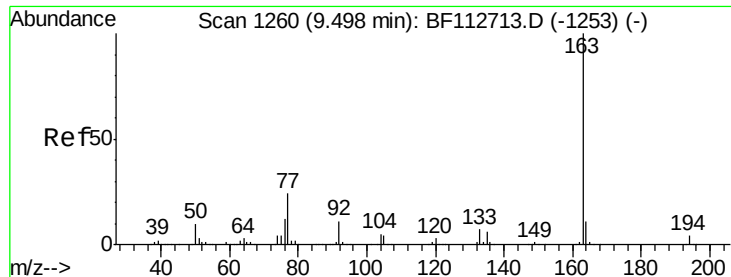
Acq: 12 Mar 2019 21:58

Tgt Ion:	172	Resp:	1157616
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.0	43.4
170	23.8	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: 4.728 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF113017.D

Acq: 12 Mar 2019 21:58

Instrument :

BNA_F

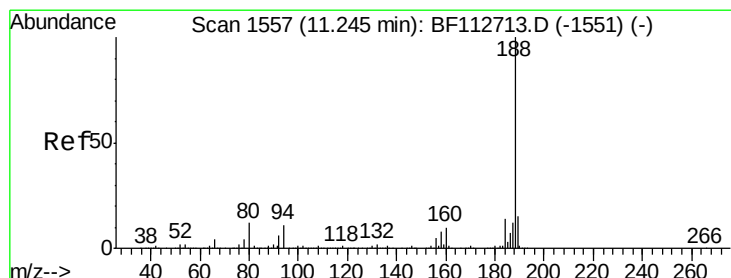
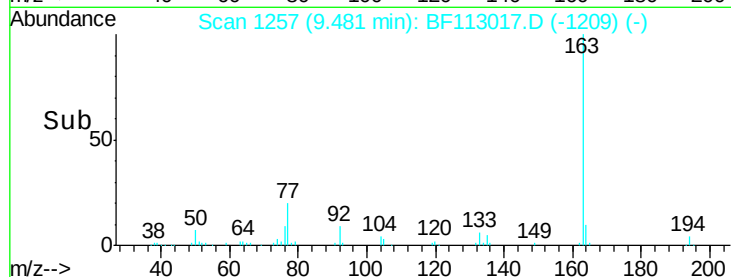
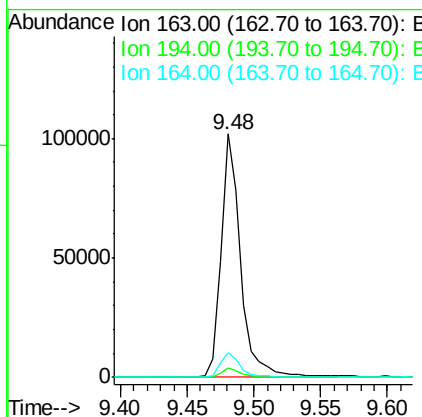
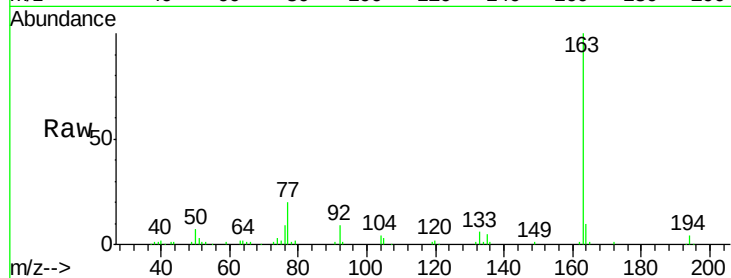
ClientSampleId :

SUP-7B-C-3-031119

Tot Ion:	163	Resp:	105668
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.0	4.4
164	10.3	8.4	12.6

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#64

Phenanthrene-d10

Concen: 20.000 ng

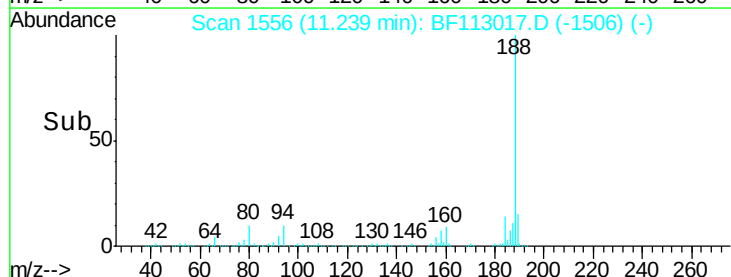
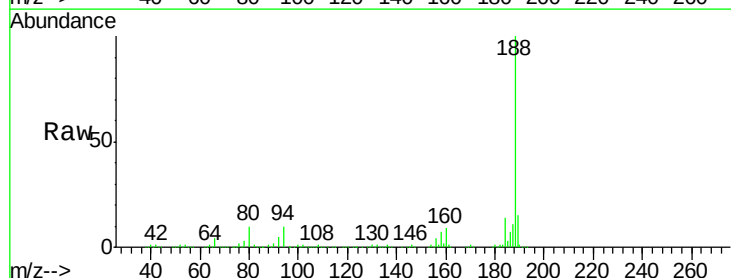
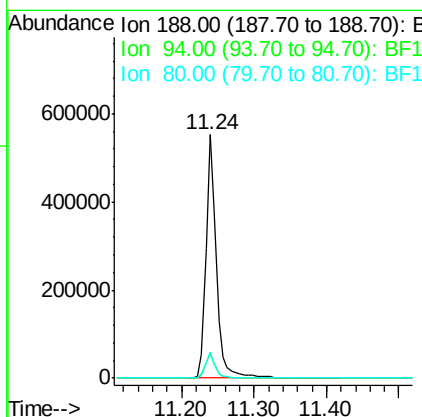
RT: 11.24 min Scan# 1556

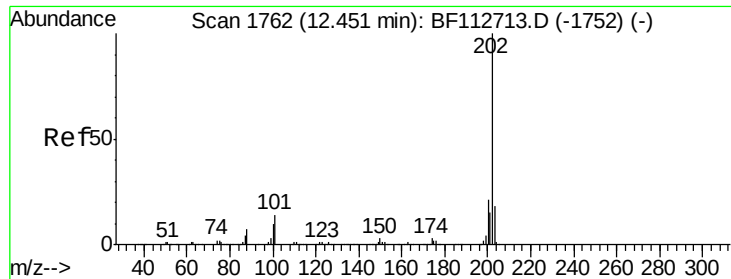
Delta R.T. -0.01 min

Lab File: BF113017.D

Acq: 12 Mar 2019 21:58

Tgt Ion:	188	Resp:	554362
Ion Ratio	Lower	Upper	
188	100		
94	10.1	9.0	13.4
80	10.5	9.2	13.8





#75

Fluoranthene

Concen: 4.310 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF113017.D

Acq: 12 Mar 2019 21:58

Instrument :

BNA_F

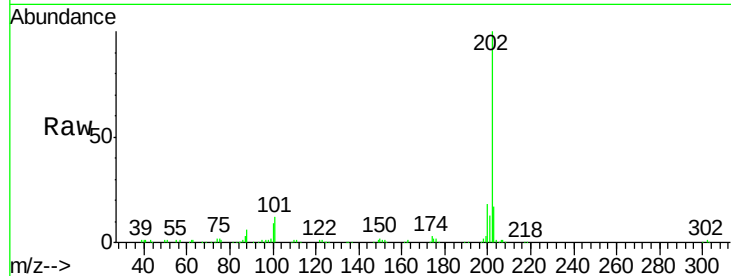
ClientSampleId :

SUP-7B-C-3-031119

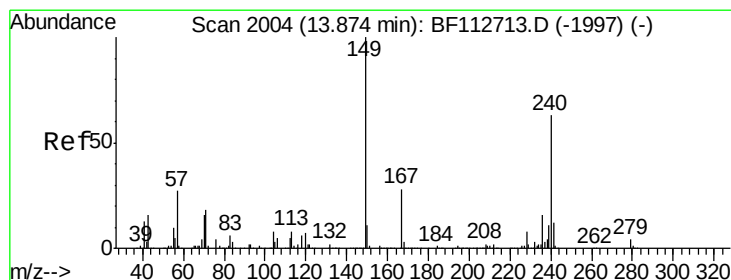
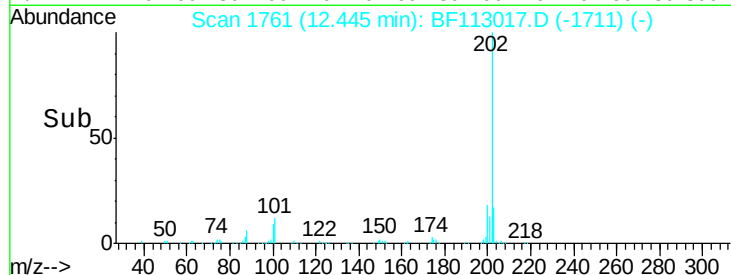
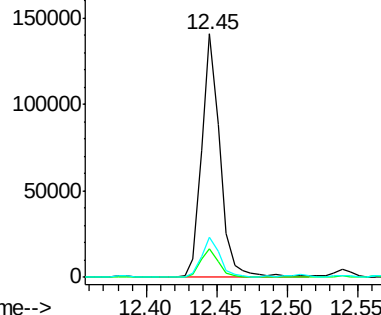
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		127364		
101	11.6	0.0	33.8		
203	16.6	0.0	38.4		

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

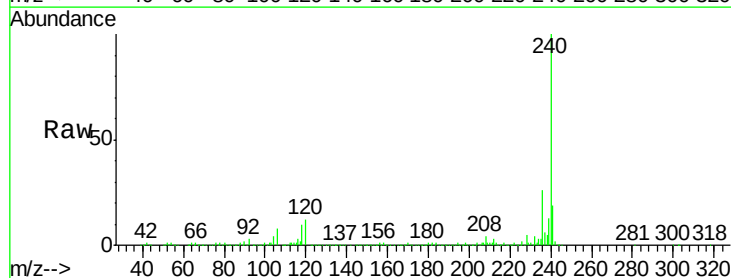
RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

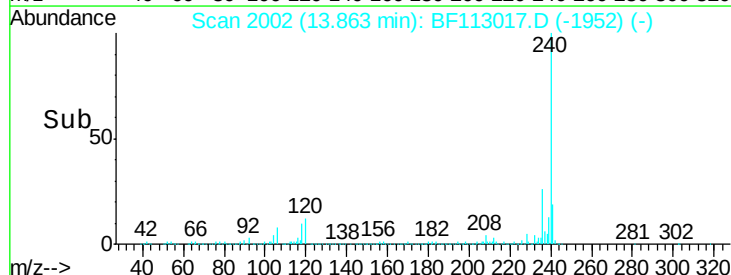
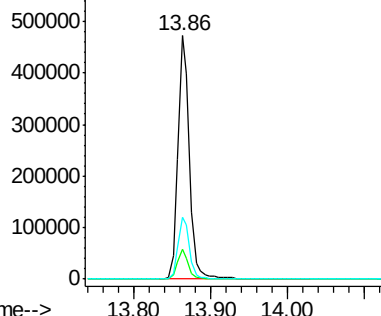
Lab File: BF113017.D

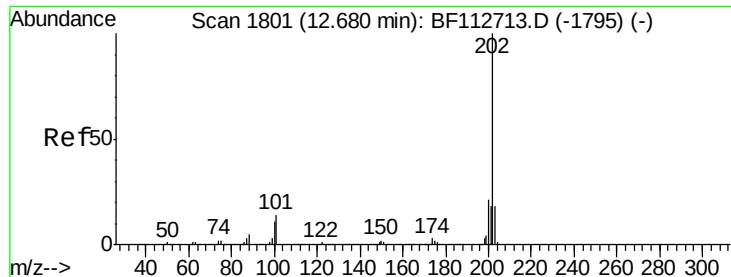
Acq: 12 Mar 2019 21:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		484794		
120	12.3	8.9	13.3		
236	25.6	20.7	31.1		



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





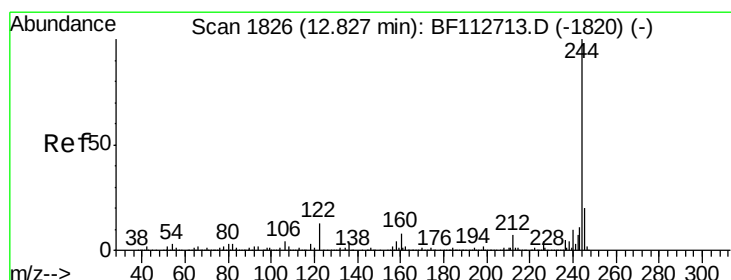
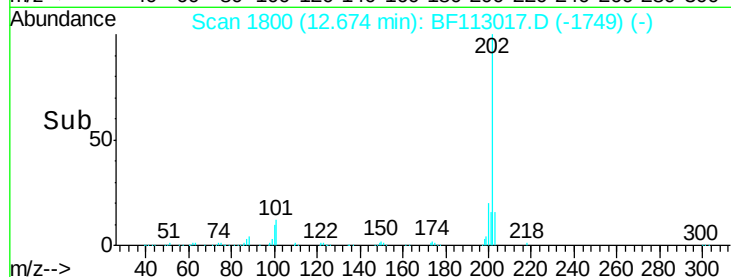
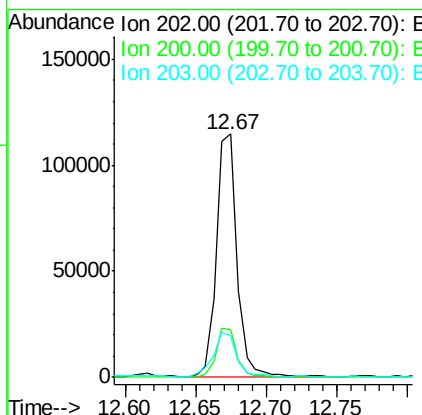
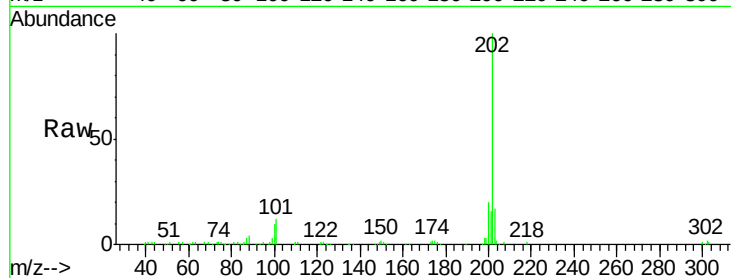
#78
Pvrene
Concen: 2.883 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BF113017.D
Acq: 12 Mar 2019 21:58

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-3-031119

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	19.7	17.0	25.4	
203	16.7	14.4	21.6	

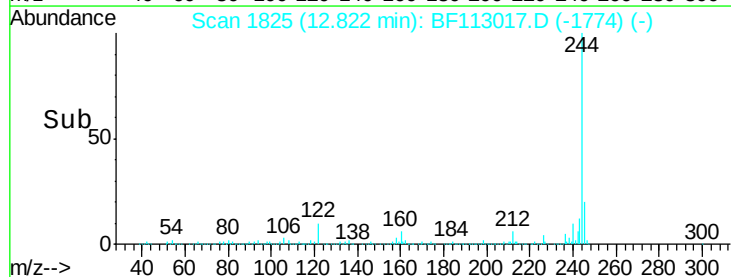
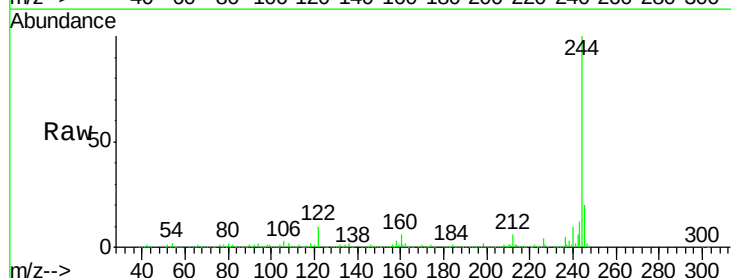
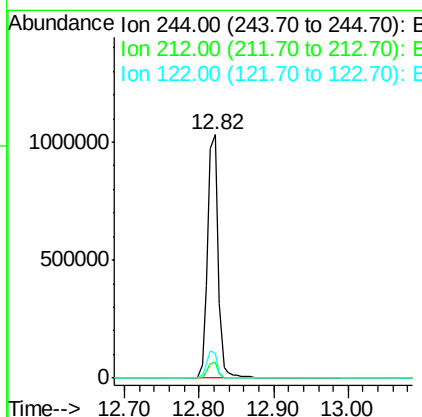
Manual Integrations
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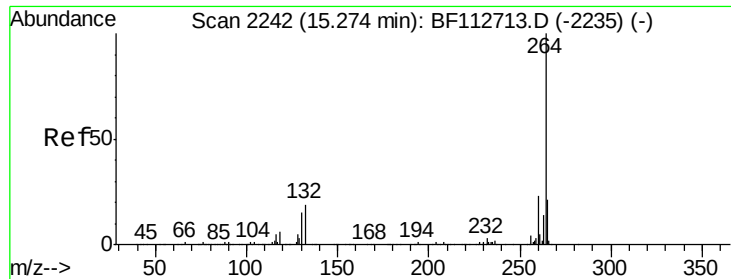
Sohil
3/13/2019 11:40:43 AM



#79
Terphenyl-d14
Concen: 41.082 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF113017.D
Acq: 12 Mar 2019 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.3	5.6	8.4	
122	10.2	10.5	15.7	





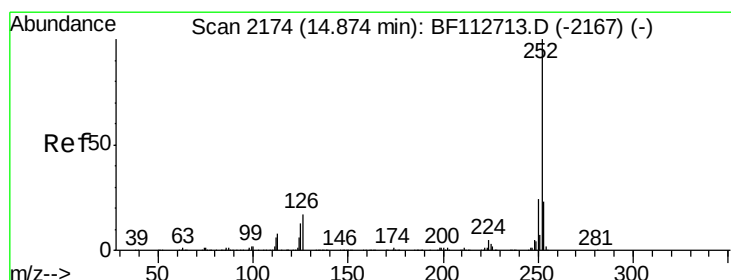
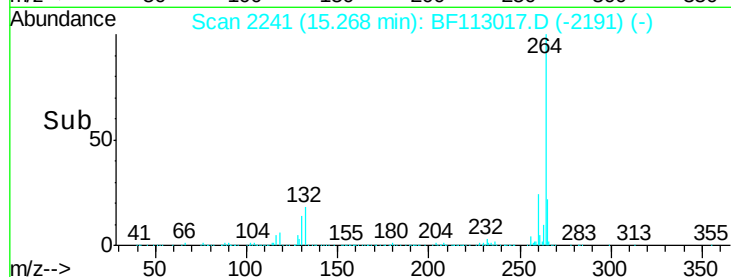
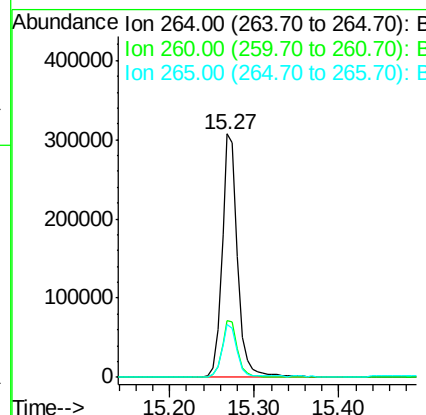
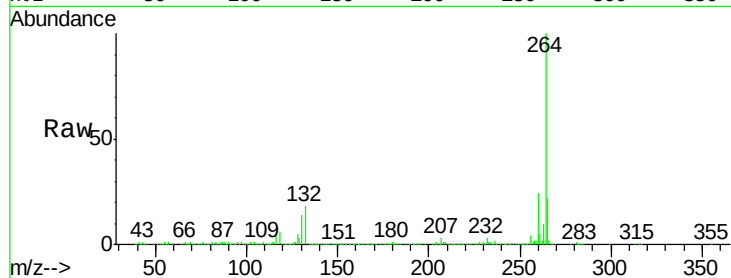
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113017.D
Acq: 12 Mar 2019 21:58

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-3-031119

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.8	17.2	25.8

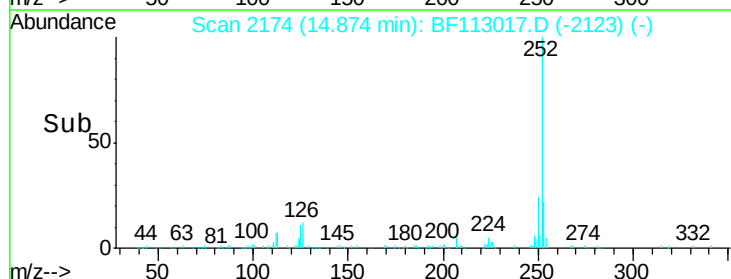
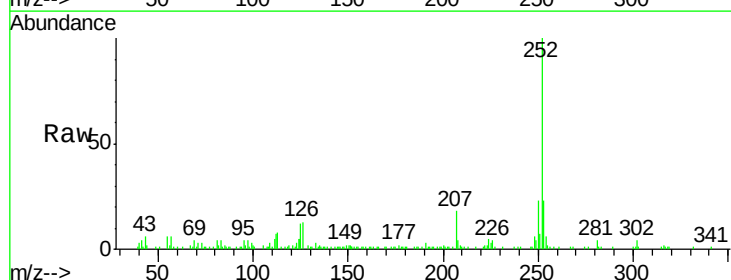
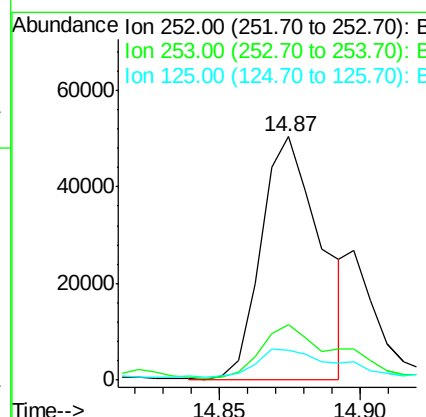
Manual Integrations
APPROVED

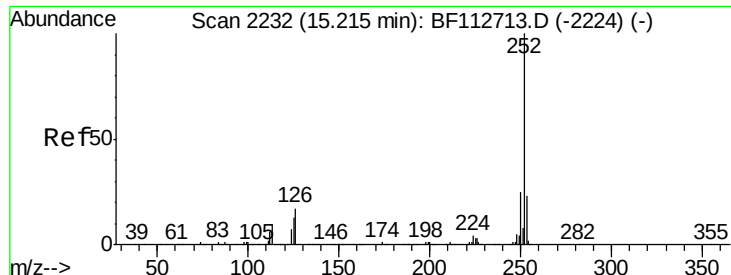
Sohil
3/13/2019 11:40:43 AM



#88
Benzo(b)fluoranthene
Concen: 2.880 ng m
RT: 14.87 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BF113017.D
Acq: 12 Mar 2019 21:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	12.4	10.2	15.2





#90
 Benzo(a)pyrene
 Concen: 2.019 ng
 RT: 15.21 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BF113017.D
 Acq: 12 Mar 2019 21:58

Instrument :
 BNA_F
 ClientSampleId :
 SUP-7B-C-3-031119

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	13.6	10.7	16.1

Manual Integrations
 APPROVED

Sohil
 3/13/2019 11:40:43 AM

