

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
 Data File : BF113037.D
 Acq On : 13 Mar 2019 19:22
 Operator : JU/SJ
 Sample : K1871-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Manual Integrations
 APPROVED

Sohil
 3/14/2019 10:50:00 AM

Quant Time: Mar 14 02:19:10 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	6.72	152	146327	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	565369	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	199558	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	301442	20.00	ng	0.02
76) Chrysene-d12	13.88	240	351012	20.00	ng	0.01
87) Perylene-d12	15.27	264	442068	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	809354	86.04	ng	0.00
7) Phenol-d6	6.37	99	1058490	89.58	ng	0.00
23) Nitrobenzene-d5	7.29	82	642690	68.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	233905	110.41	ng	0.01
45) 2-Fluorobiphenyl	9.09	172	1138882	98.74	ng	0.00
79) Terphenyl-d14	12.84	244	808814	44.67	ng	0.02
Target Compounds						
50) Dimethylphthalate	9.47	163	114966	7.813	ng	# 74
75) Fluoranthene	12.47	202	61109	3.803	ng	# 77
81) Benzo(a)anthracene	13.87	228	50499	2.076	ng	# 83
86) Indeno(1,2,3-cd)pyrene	16.62	276	64451m	3.173	ng	
88) Benzo(b)fluoranthene	14.88	252	96782m	3.385	ng	
90) Benzo(a)pyrene	15.22	252	63987	2.530	ng	# 75
92) Benzo(g,h,i)perylene	17.02	276	61227	2.825	ng	# 96

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

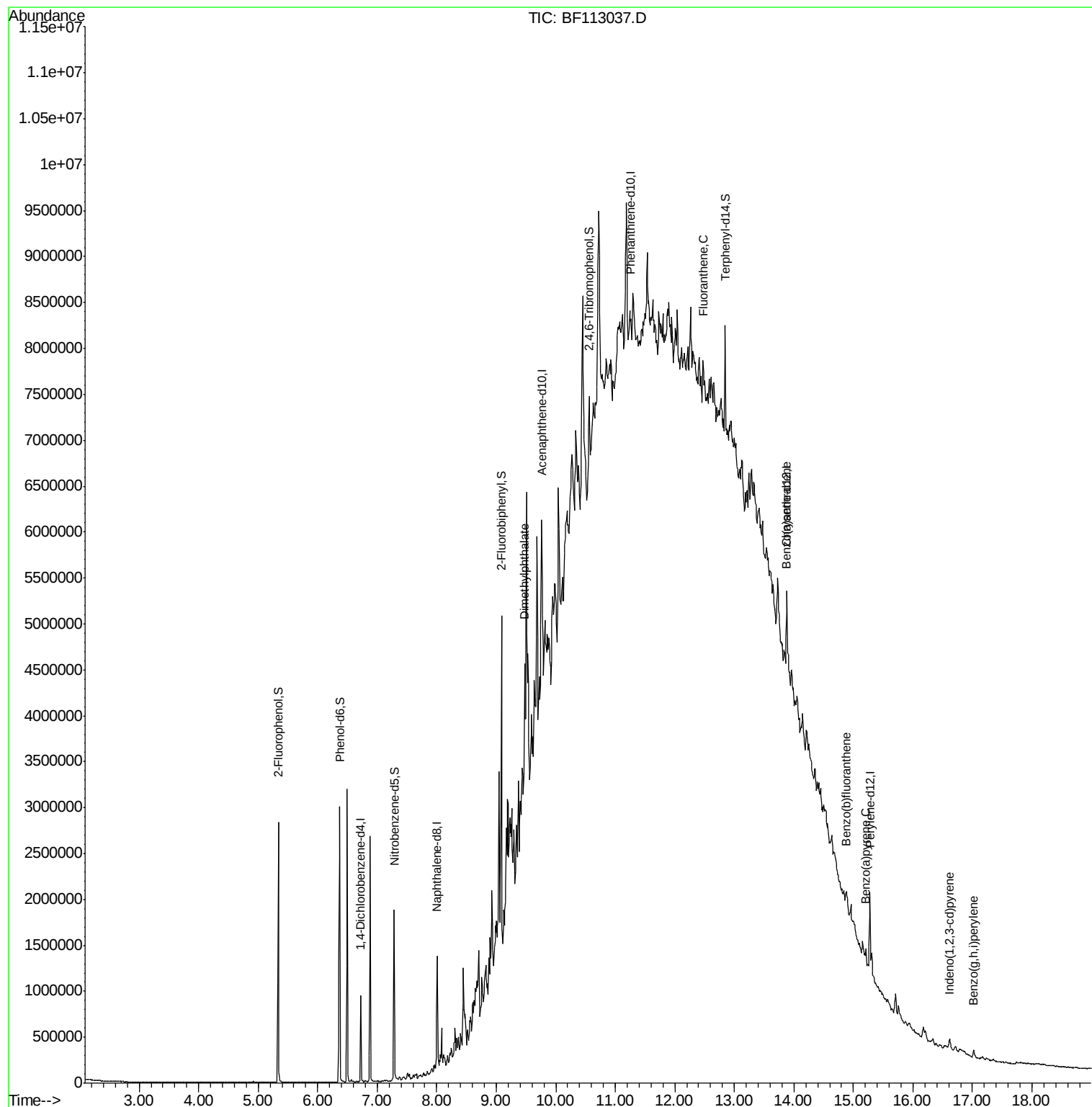
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
Data File : BF113037.D
Acq On : 13 Mar 2019 19:22
Operator : JU/SJ
Sample : K1871-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

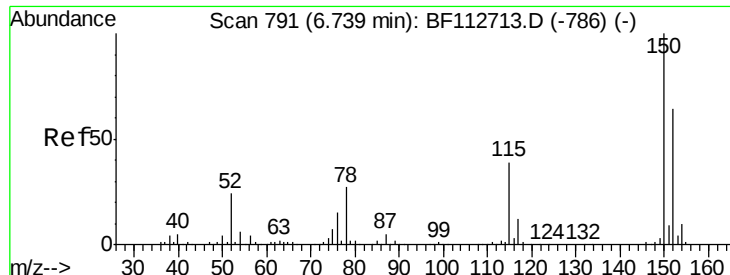
Instrument :
BNA_F
ClientSampleId :
TP-1

Manual Integrations
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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
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#1

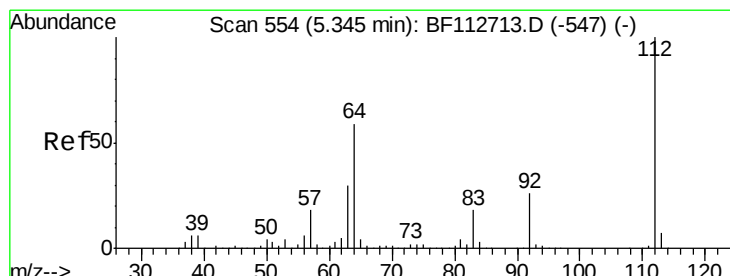
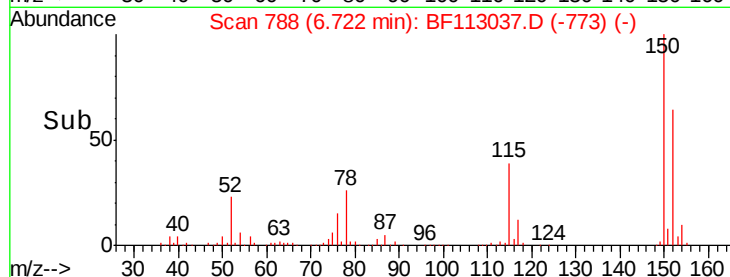
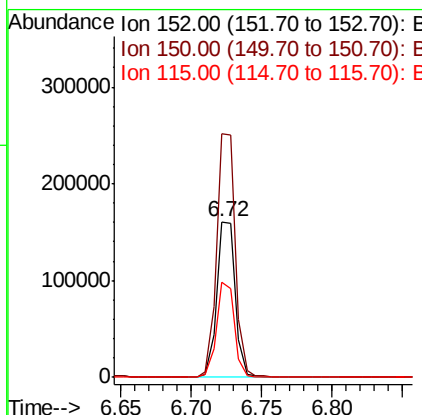
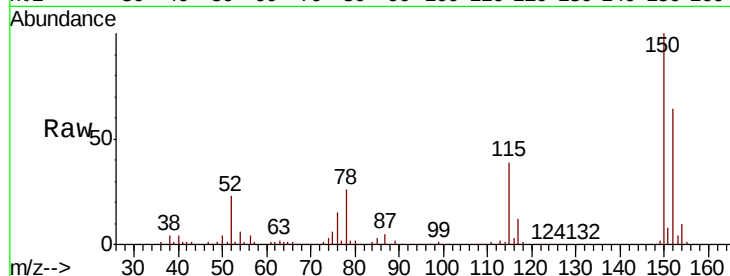
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113037.D
Acq: 13 Mar 2019 19:22

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.2	186.2
115	61.1	48.2	72.4

Manual Integrations
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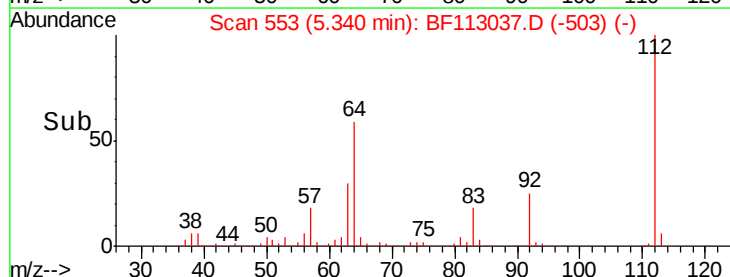
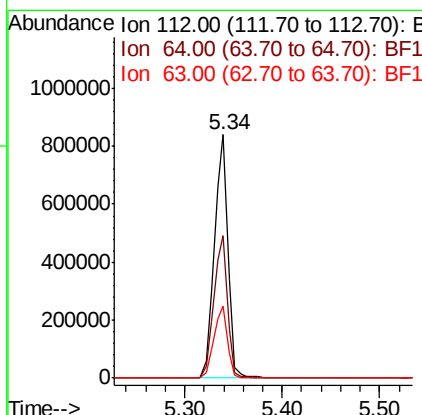
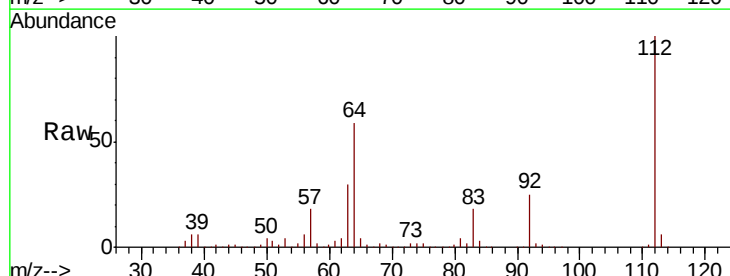
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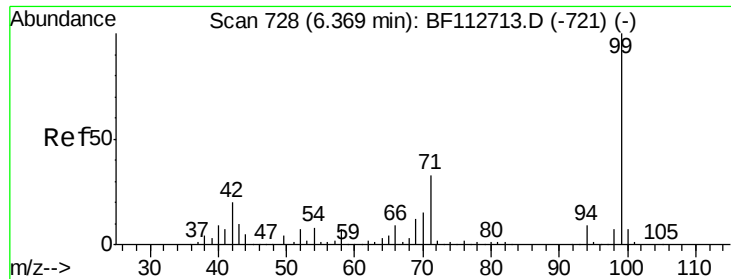


#5

2-Fluorophenol
Concen: 86.039 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113037.D
Acq: 13 Mar 2019 19:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.6	71.4
63	29.5	24.4	36.6





#7

Phenol-d6

Concen: 89.577 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113037.D

Acq: 13 Mar 2019 19:22

Instrument :

BNA_F

ClientSampled :

TP-1

Tot Ion: 99 Resp: 1058490

Ion Ratio Lower Upper

99 100

42 17.9 16.3 24.5

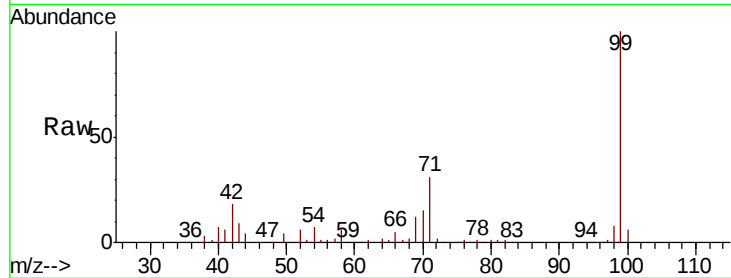
71 31.4 26.2 39.4

Manual Integrations

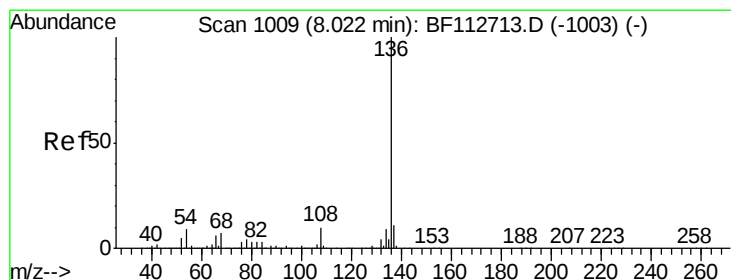
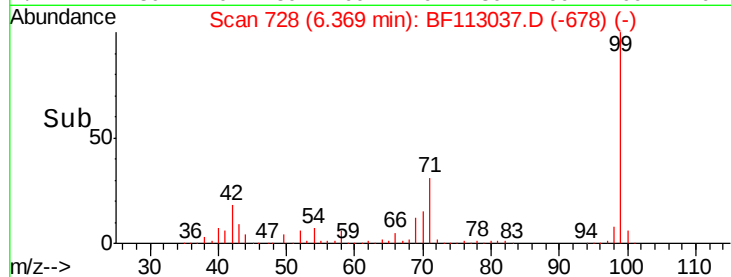
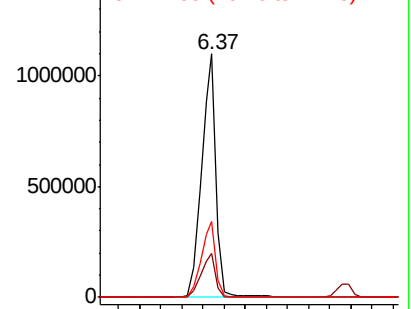
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113037.D

Acq: 13 Mar 2019 19:22

Tgt Ion: 136 Resp: 565369

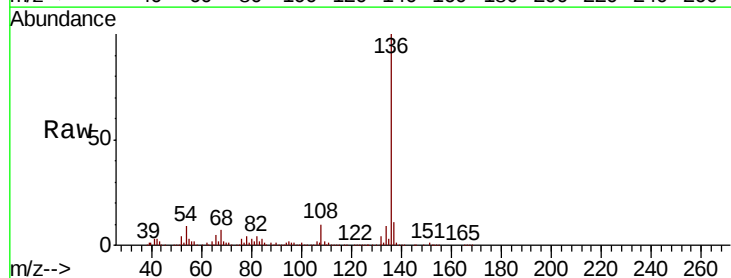
Ion Ratio Lower Upper

136 100

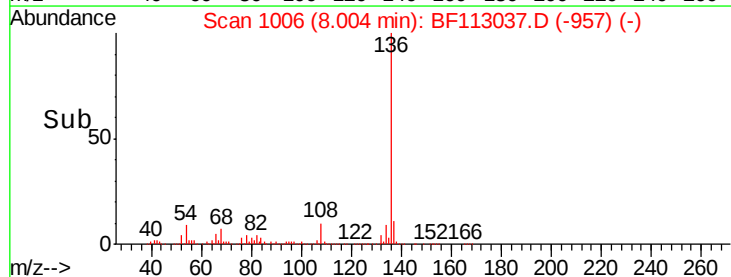
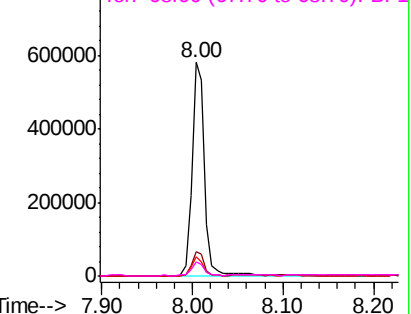
137 11.2 8.9 13.3

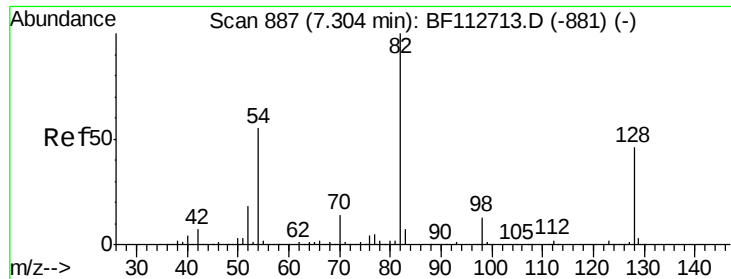
54 9.0 7.3 10.9

68 6.7 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





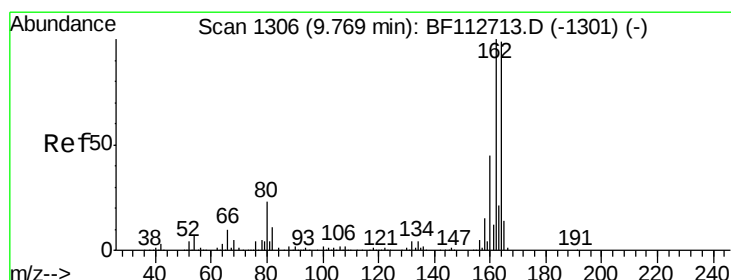
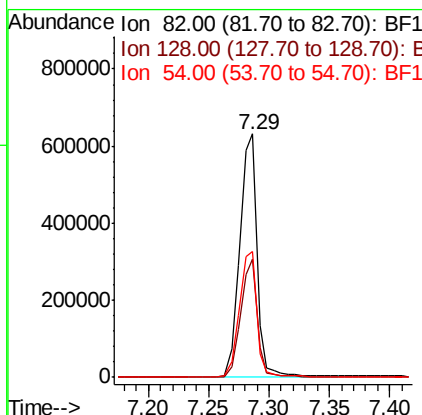
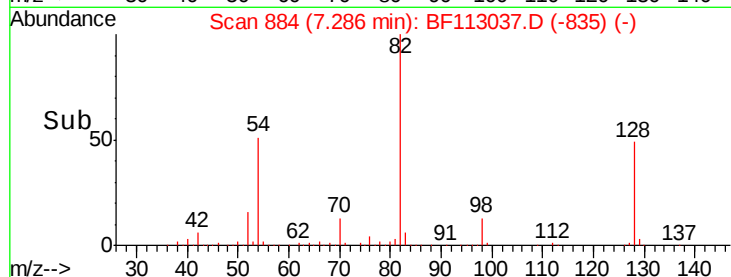
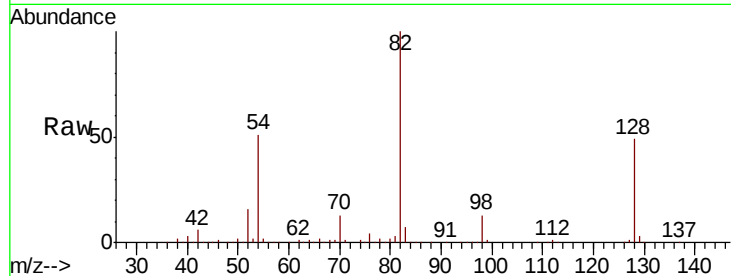
#23
Nitrobenzene-d5
Concen: 68.021 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113037.D
Acq: 13 Mar 2019 19:22

Instrument :
BNA_F
ClientSampled :
TP-1

Tot Ion	82	Resp	642690
Ion Ratio	100	Lower	Upper
82	100		
128	48.8	36.3	54.5
54	51.5	43.7	65.5

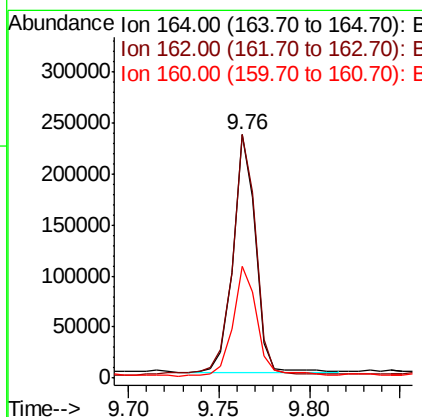
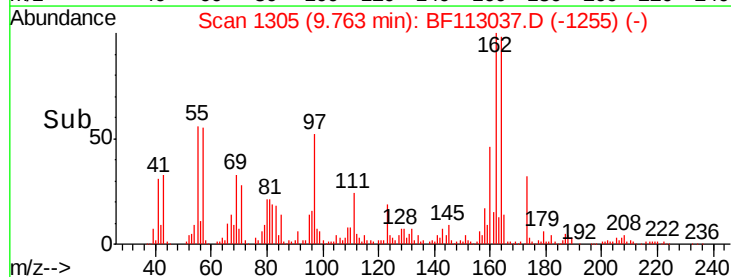
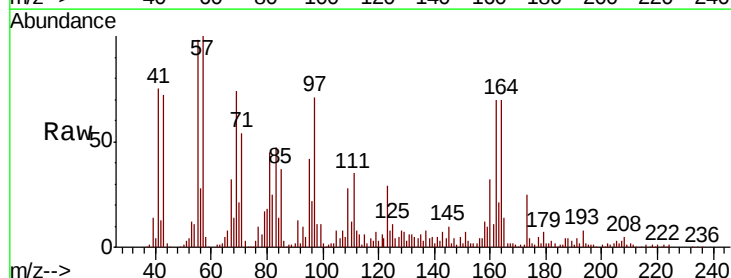
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113037.D
Acq: 13 Mar 2019 19:22

Tgt Ion	164	Resp	199558
Ion Ratio	100	Lower	Upper
164	100		
162	100.1	80.6	120.8
160	45.8	36.0	54.0





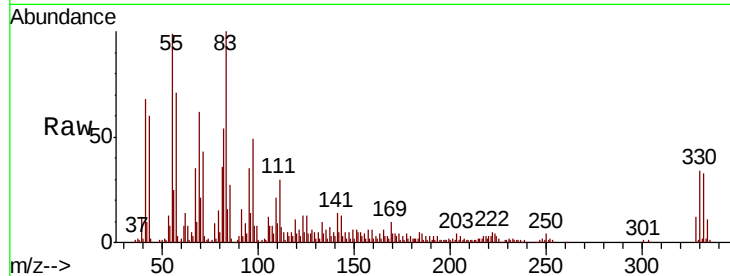
#42
 2,4,6-Tribromophenol
 Concen: 110.408 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF113037.D
 Acq: 13 Mar 2019 19:22

Instrument :
 BNA_F
 ClientSampled :
 TP-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	233905		
332	97.1	76.2	114.4	
141	23.7	27.0	40.6	

Manual Integrations
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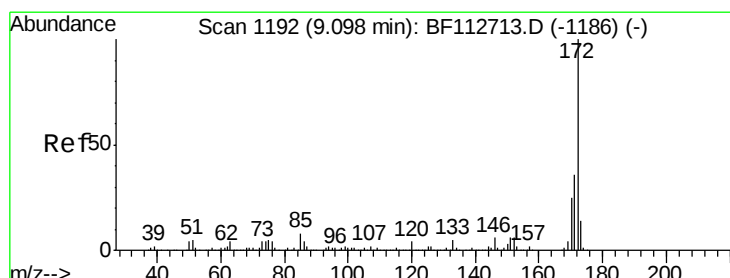
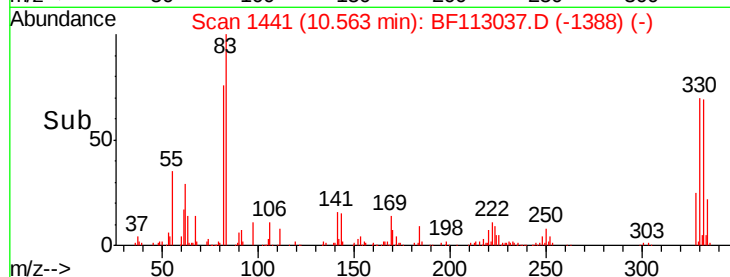
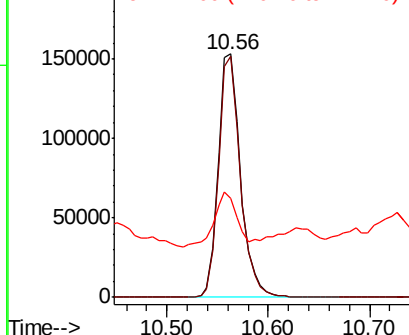


Abundance

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: 98.742 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113037.D
 Acq: 13 Mar 2019 19:22

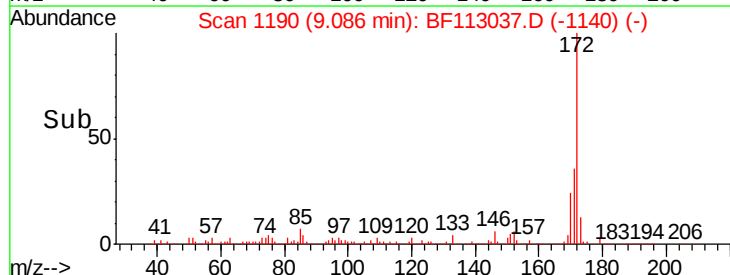
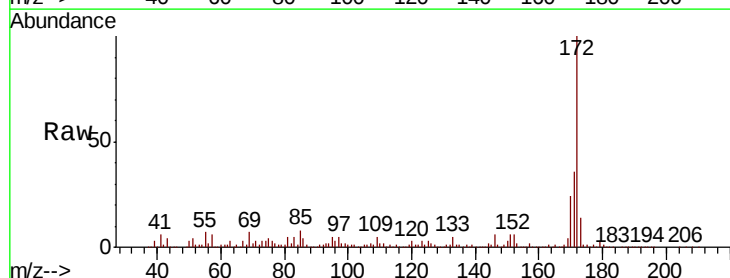
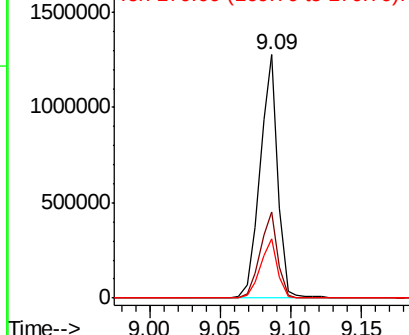
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1138882		
171	35.6	29.0	43.4	
170	24.2	20.0	30.0	

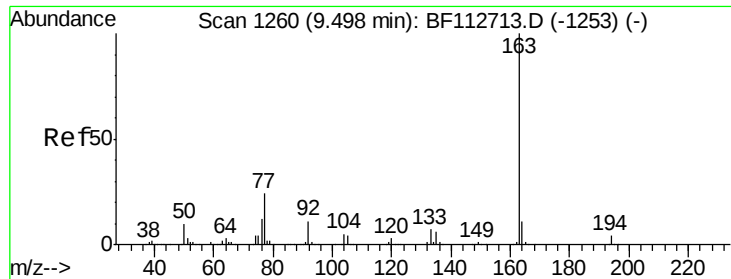
Abundance

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





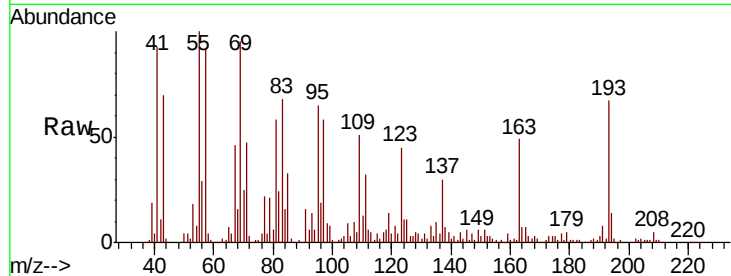
#50
Dimethylphthalate
Concen: 7.813 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113037.D
Acq: 13 Mar 2019 19:22

Instrument :
BNA_F
ClientSampled :
TP-1

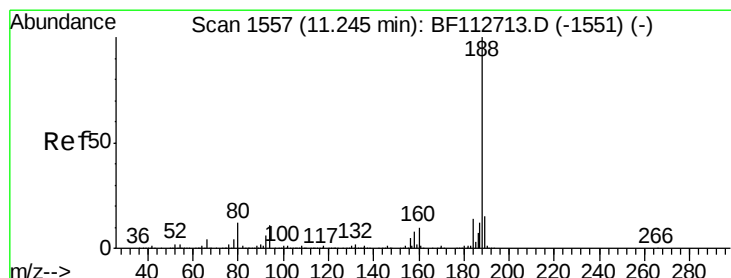
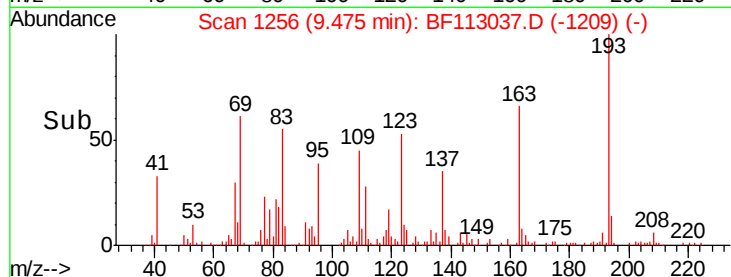
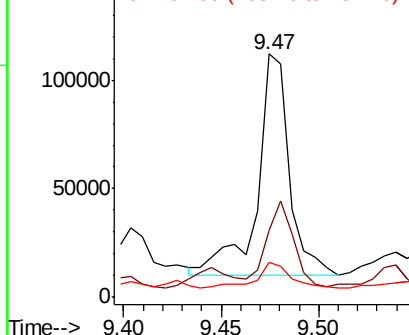
Tot Ion	Ratio	Lower	Upper
163	100		
194	27.7	3.0	4.4#
164	14.3	8.4	12.6#

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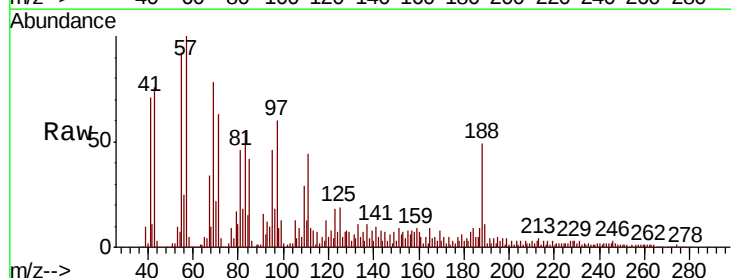


Abundance Ion 163.00 (162.70 to 163.70): E
150000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

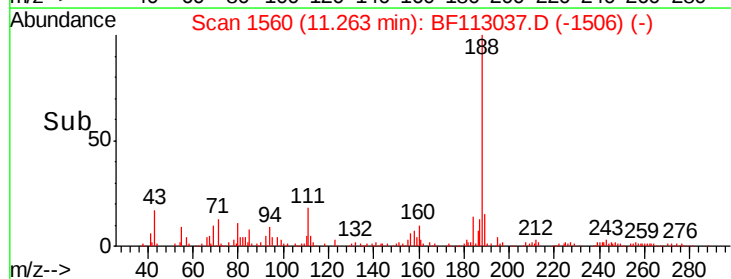
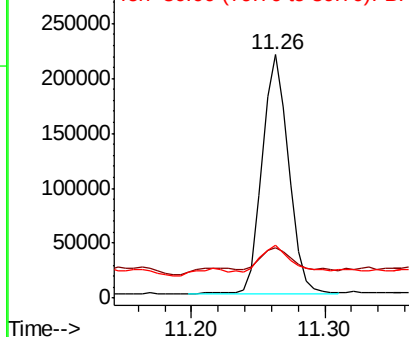


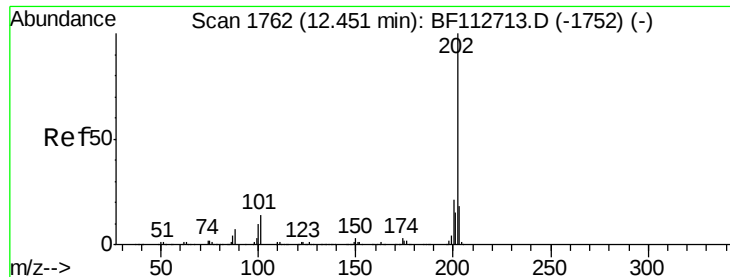
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.02 min
Lab File: BF113037.D
Acq: 13 Mar 2019 19:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	20.5	9.0	13.4#
80	21.8	9.2	13.8#



Abundance Ion 188.00 (187.70 to 188.70): E
300000 Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 3.803 ng

RT: 12.47 min Scan# 1766

Delta R.T. 0.02 min

Lab File: BF113037.D

Acq: 13 Mar 2019 19:22

Instrument :

BNA_F

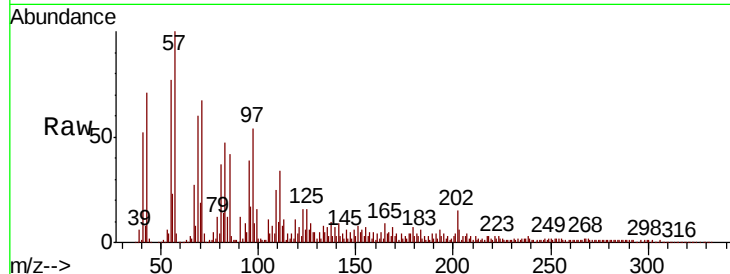
ClientSampled :

TP-1

Tot Ion:	202	Resp:	61109
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	33.8
203	36.4	0.0	38.4

Manual Integrations
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3/14/2019 10:50:00 AM

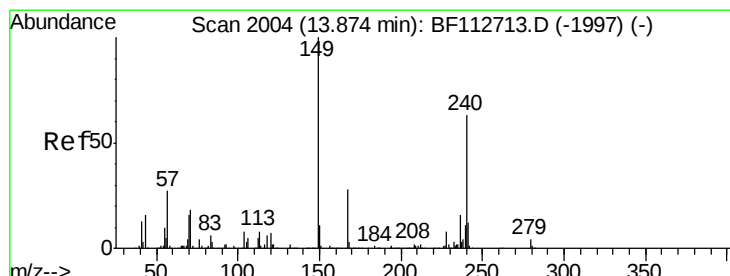
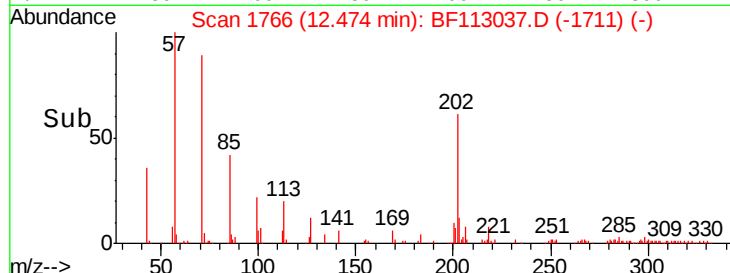
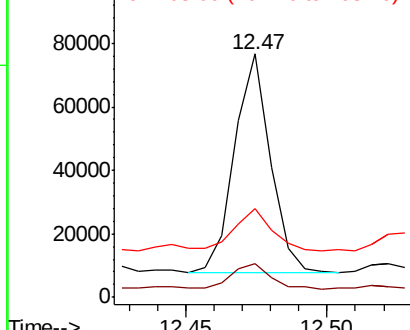


Abundance

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

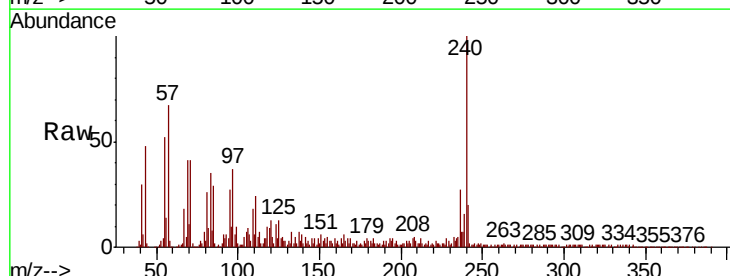
RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF113037.D

Acq: 13 Mar 2019 19:22

Tgt Ion:	240	Resp:	351012
Ion Ratio	Lower	Upper	
240	100		
120	13.4	8.9	13.3#
236	26.8	20.7	31.1

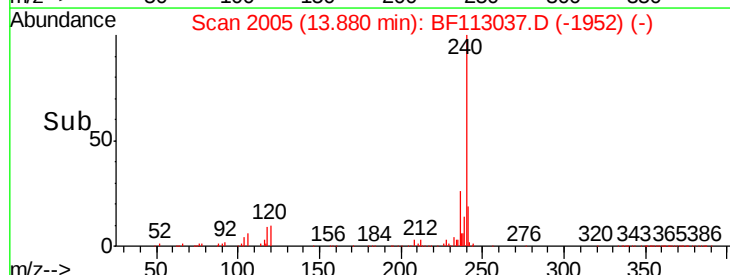
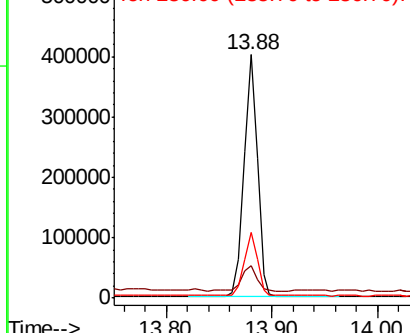


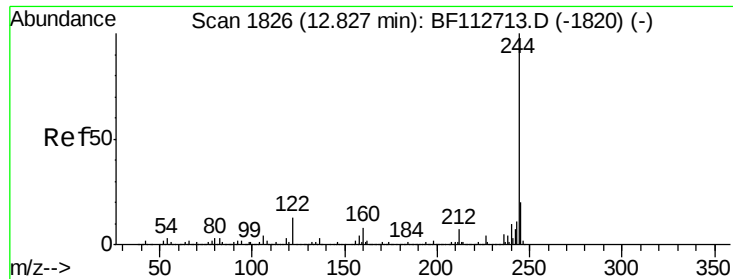
Abundance

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





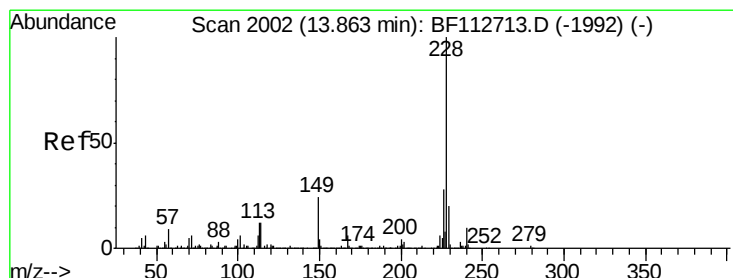
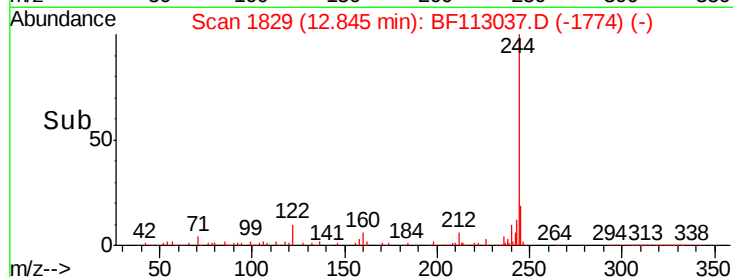
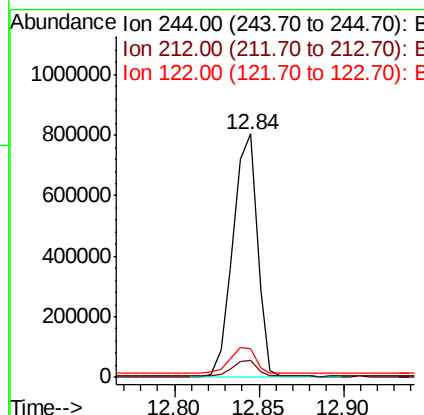
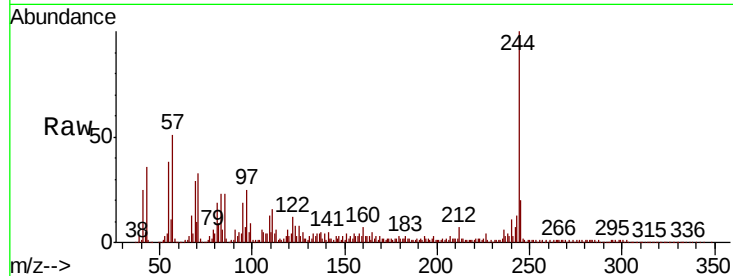
#79
 Terphenyl-d14
 Concen: 44.668 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. 0.02 min
 Lab File: BF113037.D
 Acq: 13 Mar 2019 19:22

Instrument :
 BNA_F
 ClientSampled :
 TP-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.6	10.5	15.7

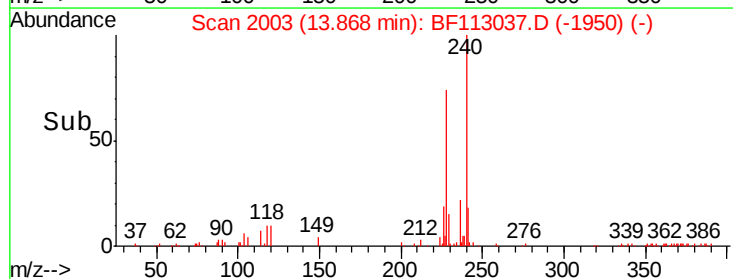
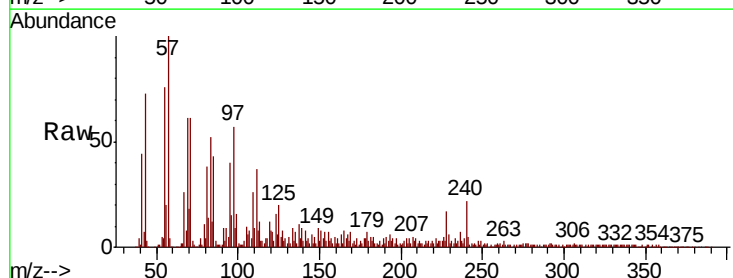
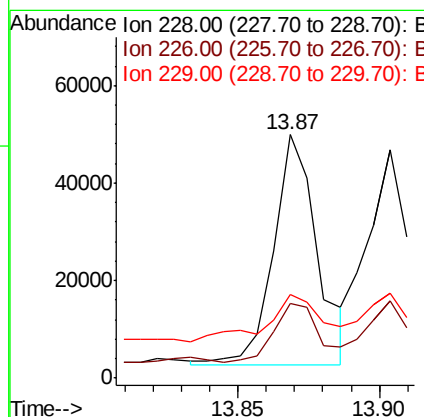
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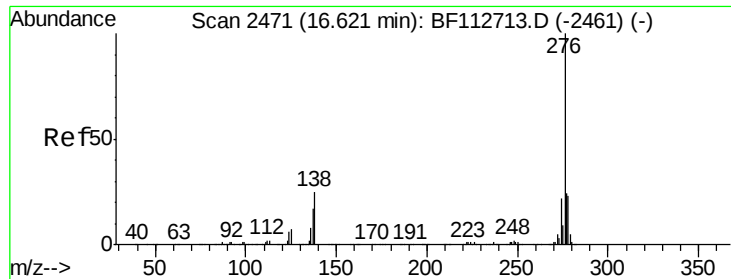
Sohil
 3/14/2019 10:50:00 AM



#81
 Benzo(a)anthracene
 Concen: 2.076 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.01 min
 Lab File: BF113037.D
 Acq: 13 Mar 2019 19:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.2	33.4
229	34.6	16.0	24.0





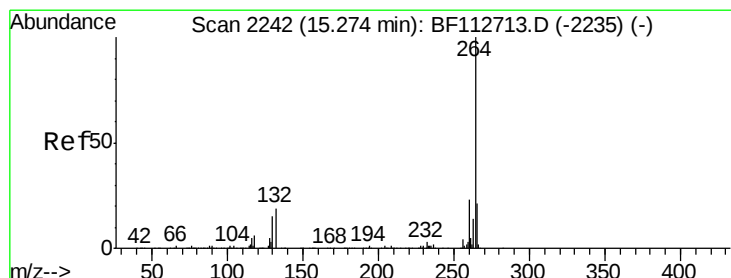
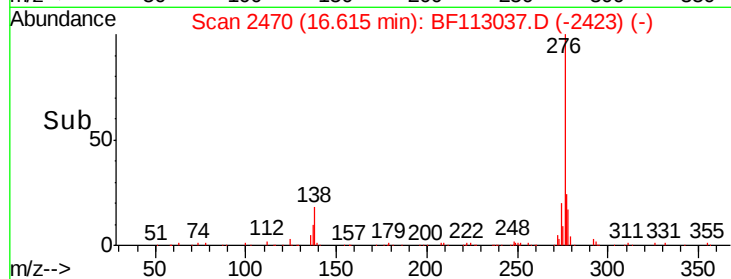
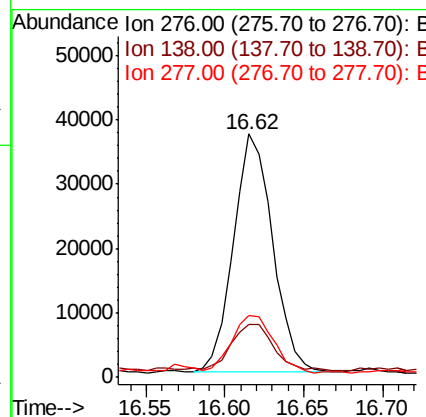
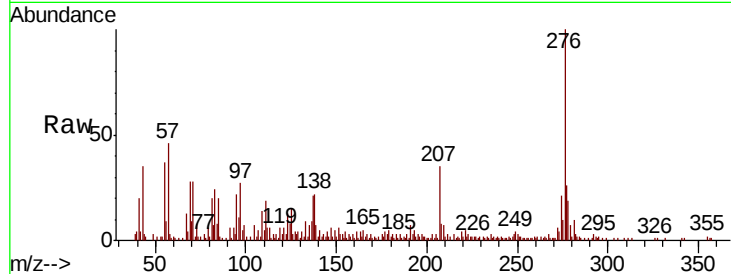
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 3.173 ng/ml
 RT: 16.62 min Scan# 2470
 Delta R.T. -0.02 min
 Lab File: BF113037.D
 Acq: 13 Mar 2019 19:22

Instrument :
 BNA_F
 ClientSampled :
 TP-1

Tot Ion	Ratio	Lower	Upper
276	100		
138	1.9	23.2	34.8#
277	1.5	19.9	29.9#

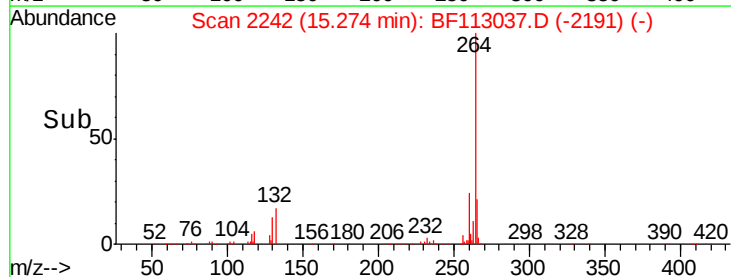
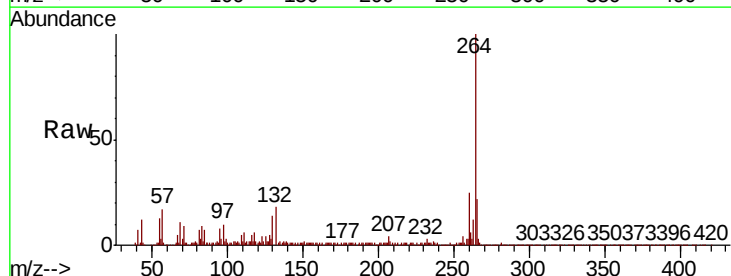
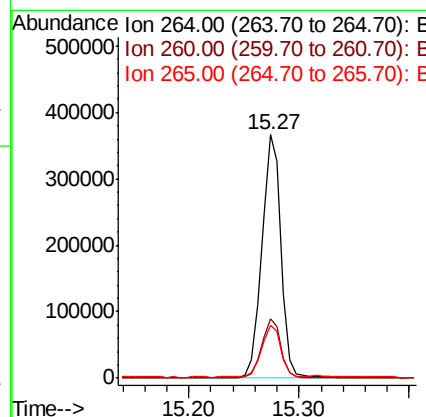
Manual Integrations
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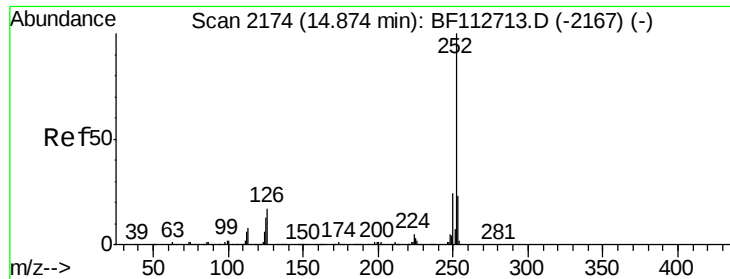
Sohil
 3/14/2019 10:50:00 AM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BF113037.D
 Acq: 13 Mar 2019 19:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	21.7	17.2	25.8





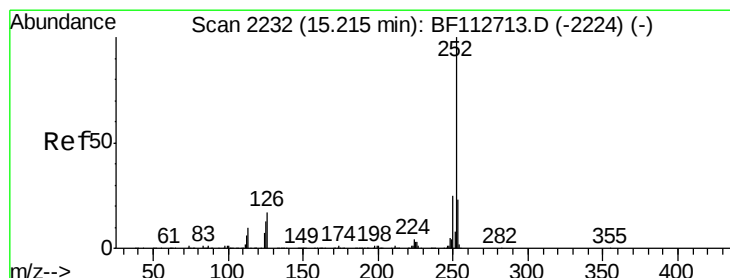
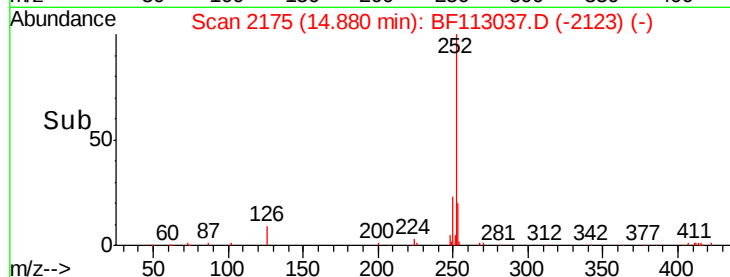
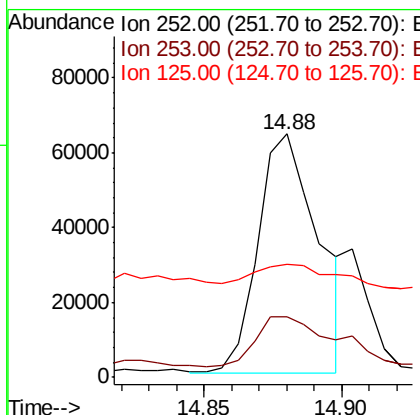
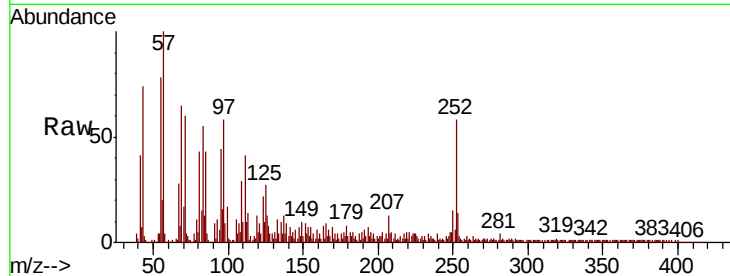
#88
Benzo(b)fluoranthene
Concen: 3.385 ng m
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF113037.D
Acq: 13 Mar 2019 19:22

Instrument :
BNA_F
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.0	27.0
125	46.4	10.2	15.2

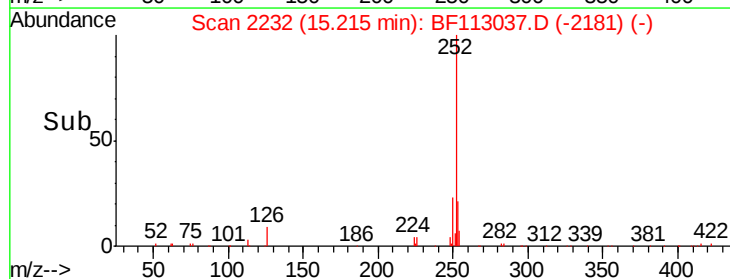
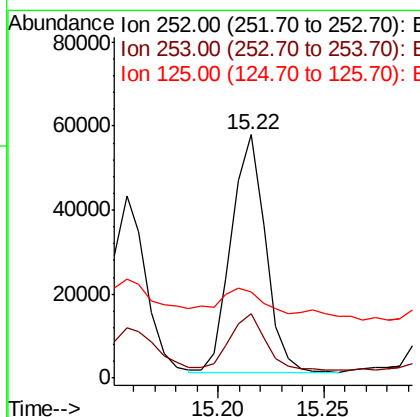
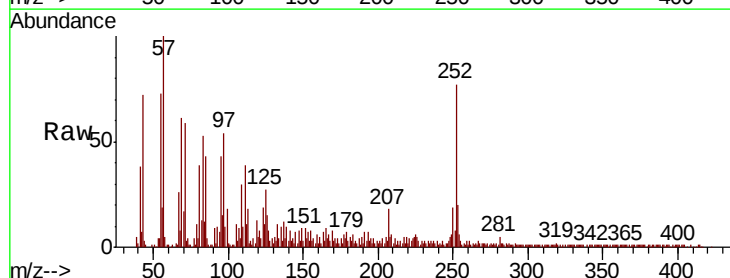
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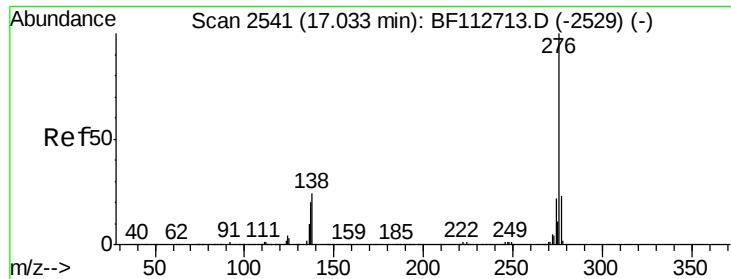
Sohil
3/14/2019 10:50:00 AM



#90
Benzo(a)pyrene
Concen: 2.530 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF113037.D
Acq: 13 Mar 2019 19:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.0	27.0
125	35.5	10.7	16.1





#92
 Benzo(a,h,i)perylene
 Concen: 2.825 ng
 RT: 17.02 min Scan# 2539
 Delta R.T. -0.02 min
 Lab File: BF113037.D
 Acq: 13 Mar 2019 19:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.9	18.6	27.8
138	23.8	19.4	29.0

Manual Integrations
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Sohil
 3/14/2019 10:50:00 AM

