

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
 Data File : BF113239.D
 Acq On : 22 Mar 2019 17:22
 Operator : JU/SJ
 Sample : K2004-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20(10-11)

Manual Integrations
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 3/25/2019 6:32:09 PM

Quant Time: Mar 23 00:12:23 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	168414	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	584978	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	286099	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	477377	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	346820	20.00	ng	0.00
87) Perylene-d12	15.29	264	399972	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1129634	104.34	ng	-0.01
7) Phenol-d6	6.36	99	1550019	113.97	ng	-0.01
23) Nitrobenzene-d5	7.28	82	924467	94.56	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	428220	140.99	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	1635670	99.00	ng	-0.02
79) Terphenyl-d14	12.82	244	1292638	72.25	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.46	163	145234	6.885	ng	99
75) Fluoranthene	12.44	202	52772	2.074	ng	94
78) Pyrene	12.66	202	144344	4.937	ng	95
81) Benzo(a)anthracene	13.86	228	96179	4.001	ng	# 80
83) Chrysene	13.89	228	129474	5.499	ng	# 78
88) Benzo(b)fluoranthene	14.88	252	62089m	2.400	ng	
90) Benzo(a)pyrene	15.22	252	83716	3.658	ng	# 61
92) Benzo(g,h,i)perylene	17.06	276	80123	4.086	ng	# 89

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

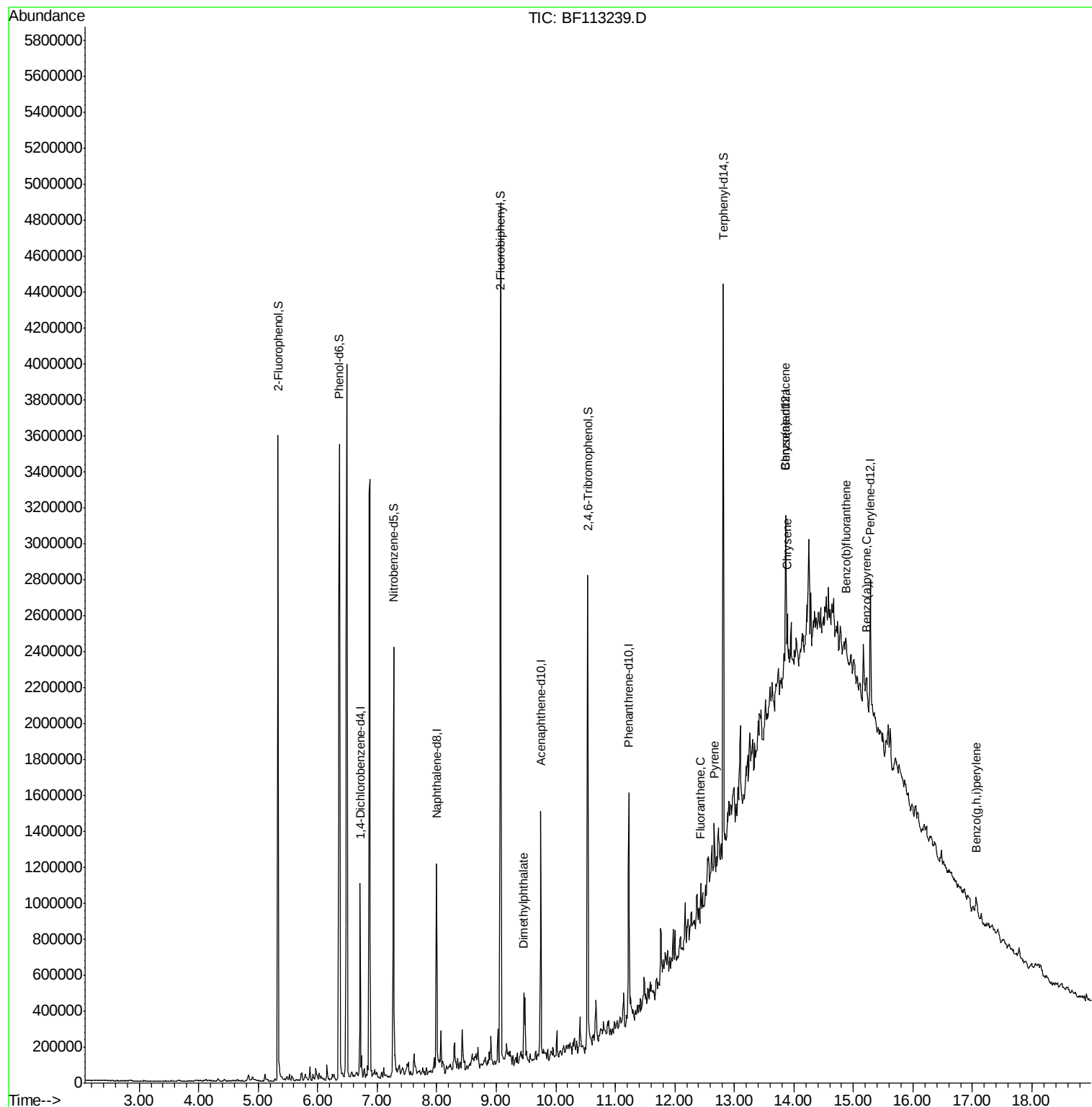
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113239.D
Acq On : 22 Mar 2019 17:22
Operator : JU/SJ
Sample : K2004-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

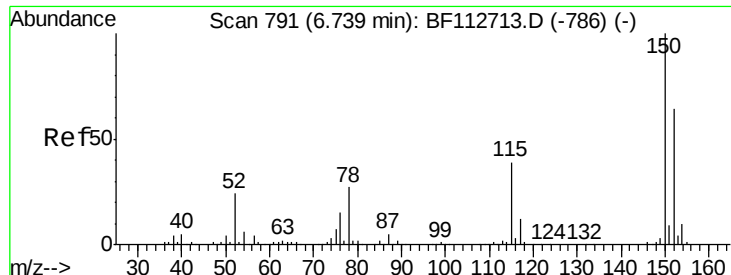
Instrument :
BNA_F
ClientSampleId :
SB-20(10-11)

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Quant Time: Mar 23 00:12:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

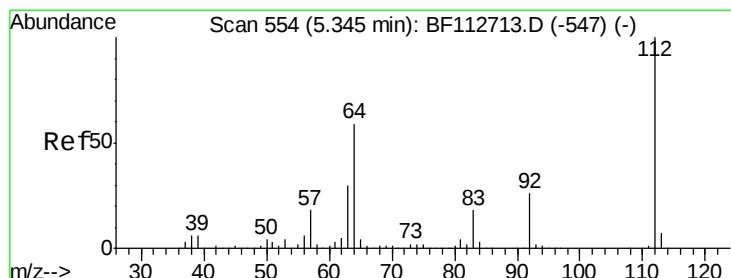
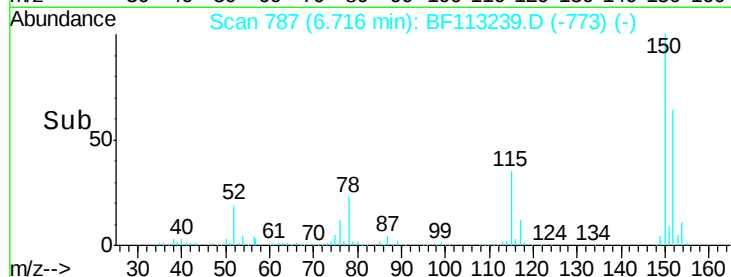
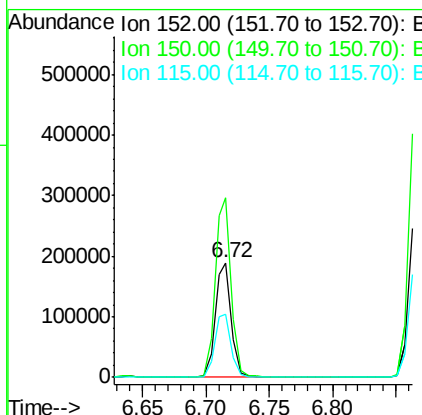
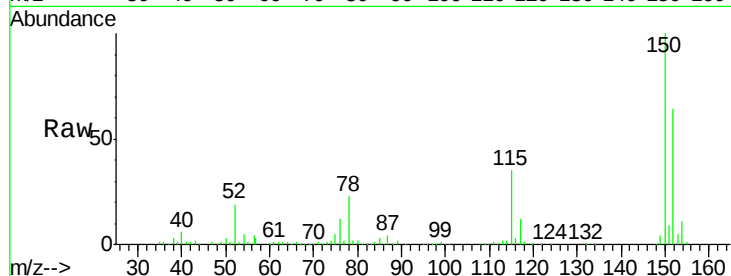
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF113239.D
Acq: 22 Mar 2019 17:22

Instrument :
BNA_F
ClientSampled :
SB-20(10-11)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.2	186.2
115	55.4	48.2	72.4

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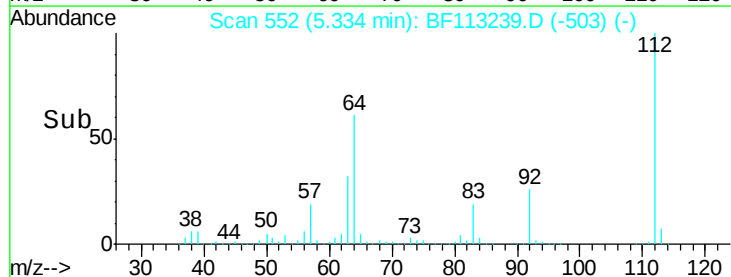
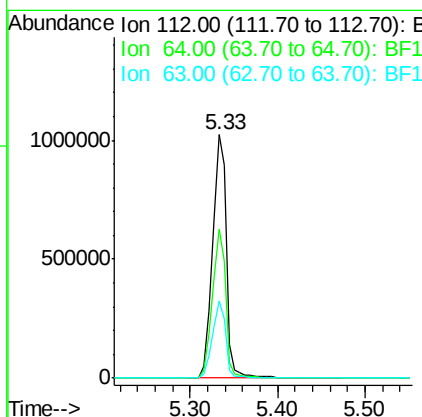
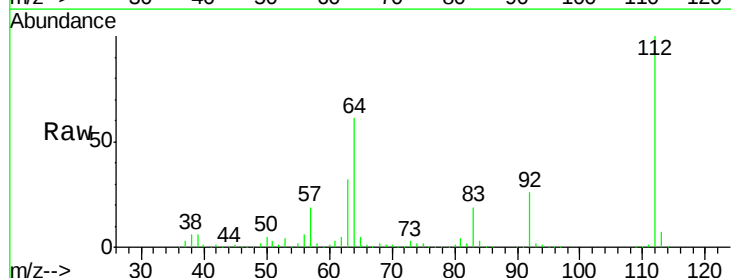
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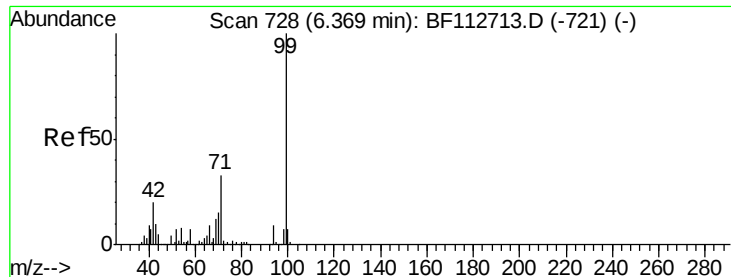


#5

2-Fluorophenol
Concen: 104.338 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113239.D
Acq: 22 Mar 2019 17:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.6	71.4
63	31.6	24.4	36.6





#7

Phenol-d6

Concen: 113.971 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113239.D

Acq: 22 Mar 2019 17:22

Instrument :

BNA_F

ClientSampleId :

SB-20(10-11)

Tgt Ion: 99 Resp: 1550019

Ion Ratio Lower Upper

99 100

42 19.0 16.3 24.5

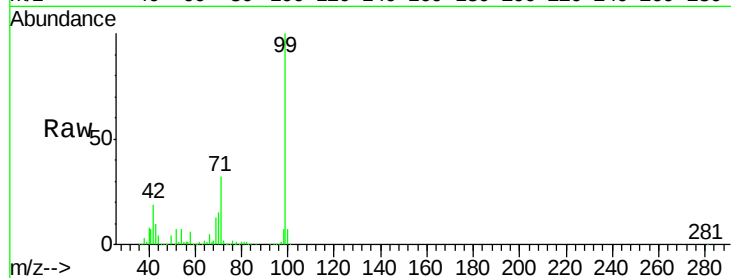
71 32.3 26.2 39.4

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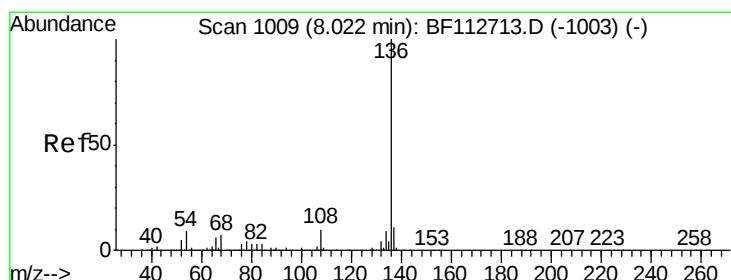
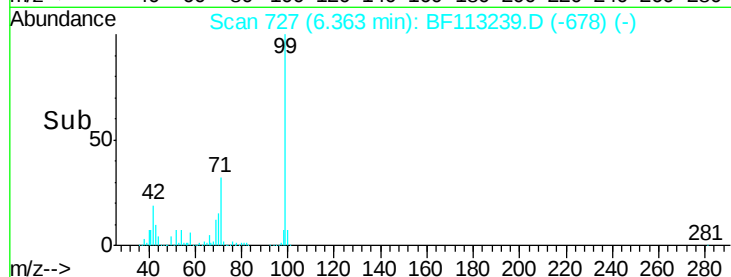
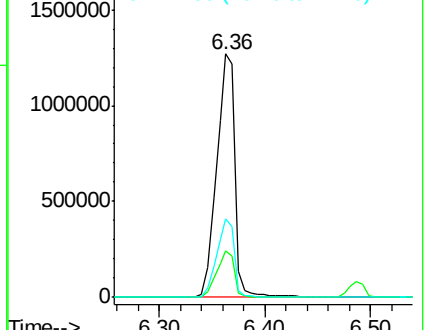
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.00 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF113239.D

Acq: 22 Mar 2019 17:22

Tgt Ion: 136 Resp: 584978

Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.5 7.3 10.9

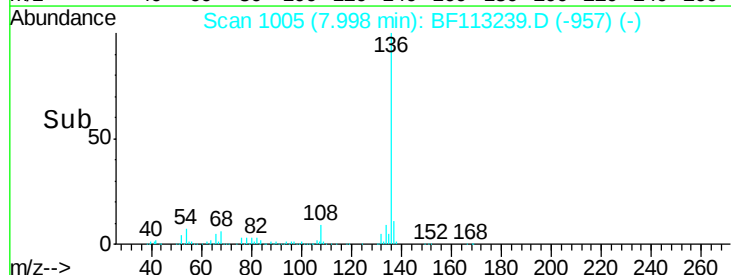
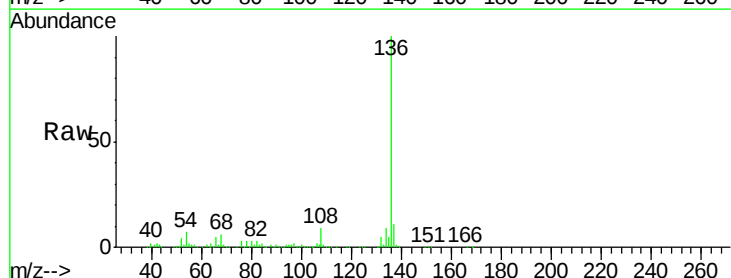
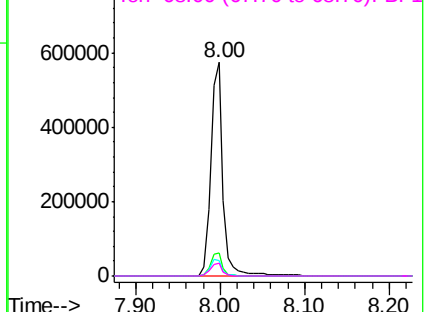
68 5.7 5.4 8.2

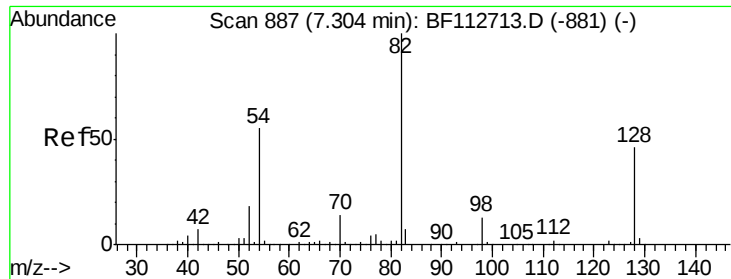
Abundance Ion 136.00 (135.70 to 136.70): E

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





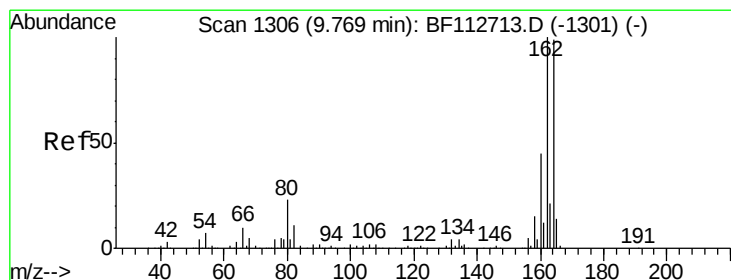
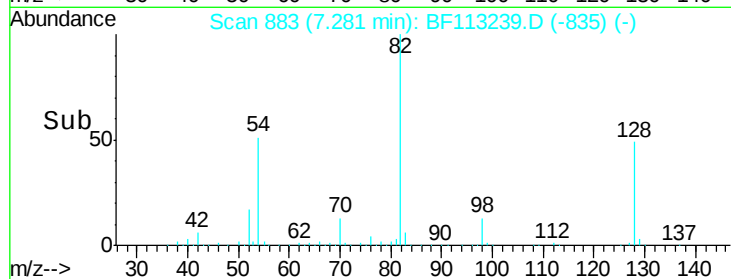
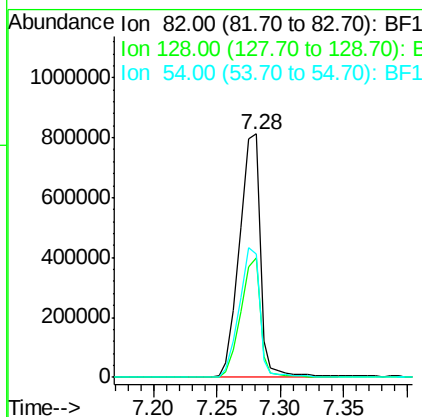
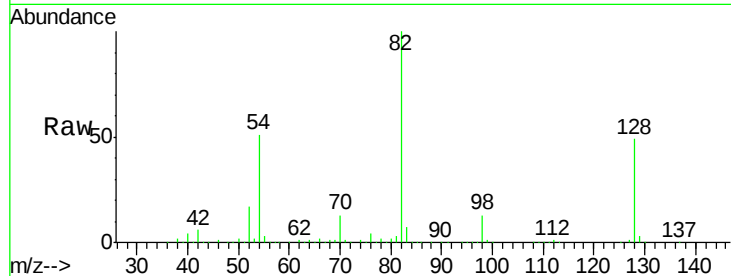
#23
Nitrobenzene-d5
Concen: 94.565 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113239.D
Acq: 22 Mar 2019 17:22

Instrument :
BNA_F
ClientSampled :
SB-20(10-11)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.9	36.3	54.5
54	50.7	43.7	65.5

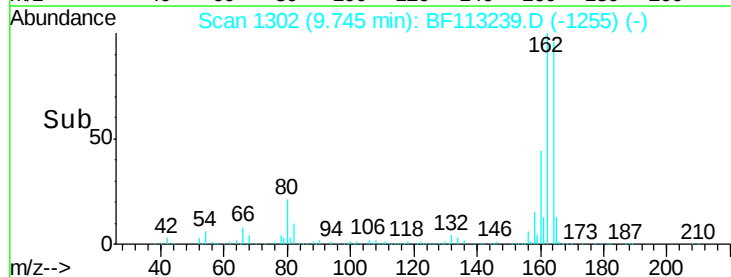
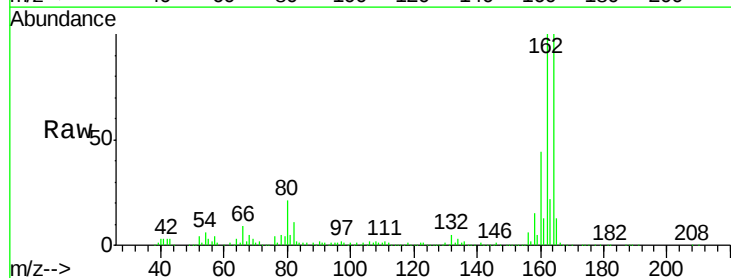
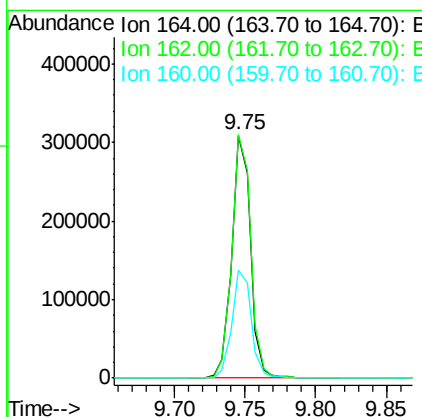
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF113239.D
Acq: 22 Mar 2019 17:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.6	120.8
160	44.5	36.0	54.0





#42

2,4,6-Tribromophenol

Concen: 140.987 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF113239.D

Acq: 22 Mar 2019 17:22

Instrument :

BNA_F

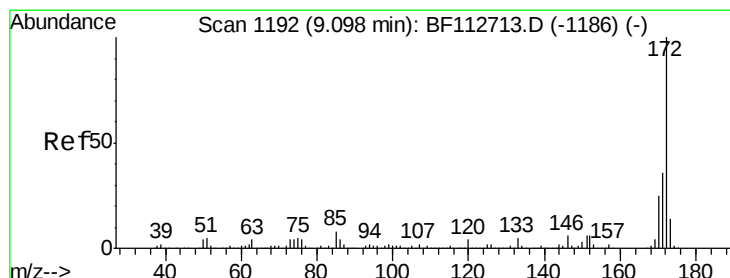
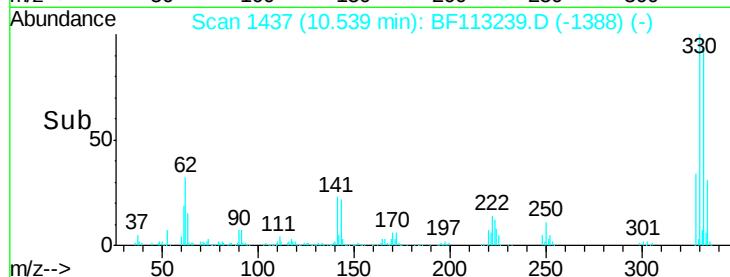
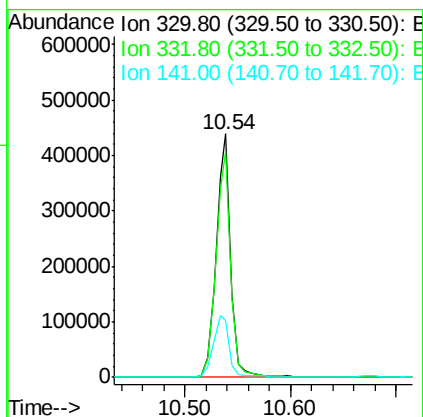
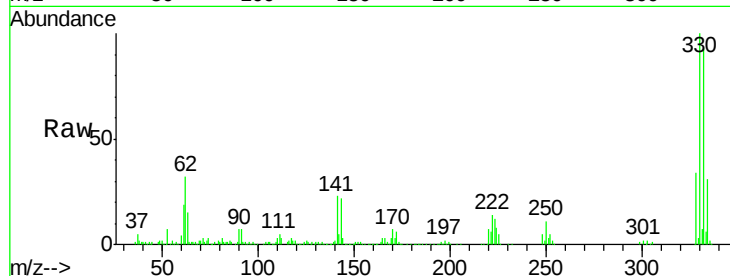
ClientSampleId :

SB-20(10-11)

Tgt Ion:	330	Resp:	428220
Ion Ratio	Lower	Upper	
330	100		
332	95.4	76.2	114.4
141	28.4	27.0	40.6

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#45

2-Fluorobiphenyl

Concen: 98.998 ng

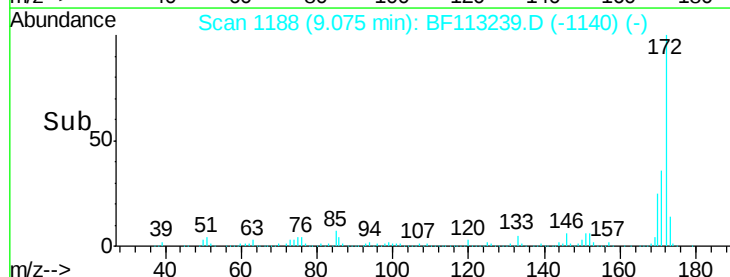
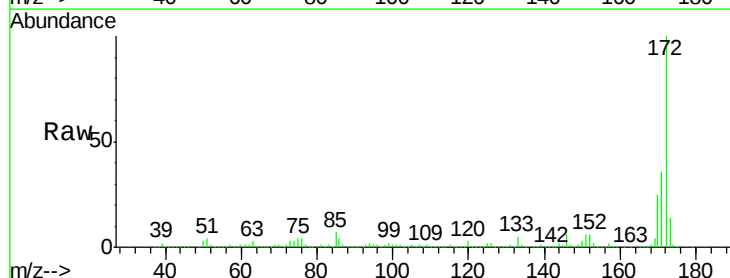
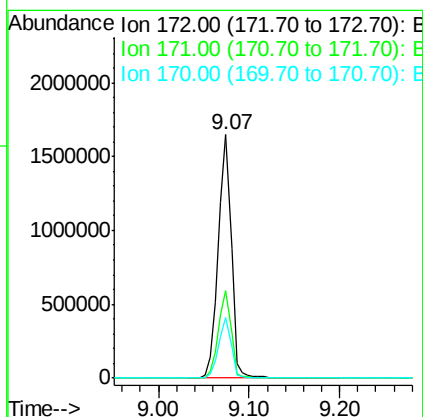
RT: 9.07 min Scan# 1188

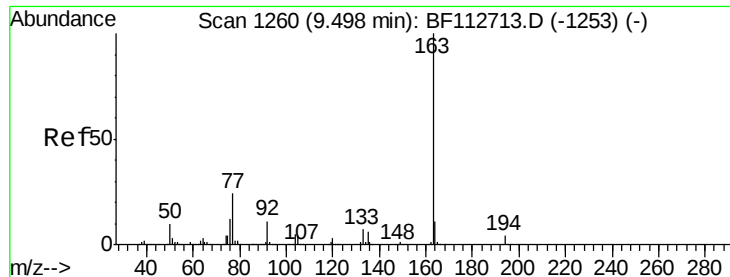
Delta R.T. -0.02 min

Lab File: BF113239.D

Acq: 22 Mar 2019 17:22

Tgt Ion:	172	Resp:	1635670
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.0	43.4
170	24.8	20.0	30.0





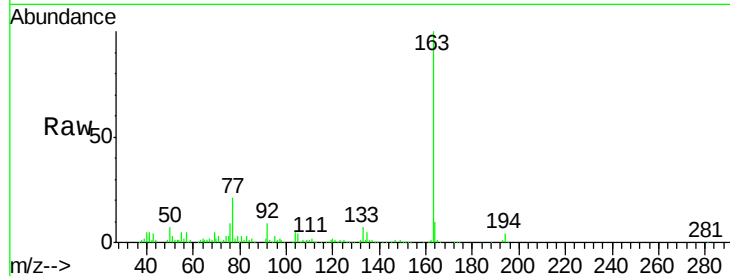
#50
Dimethylphthalate
Concen: 6.885 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.04 min
Lab File: BF113239.D
Acq: 22 Mar 2019 17:22

Instrument :
BNA_F
ClientSampleId :
SB-20(10-11)

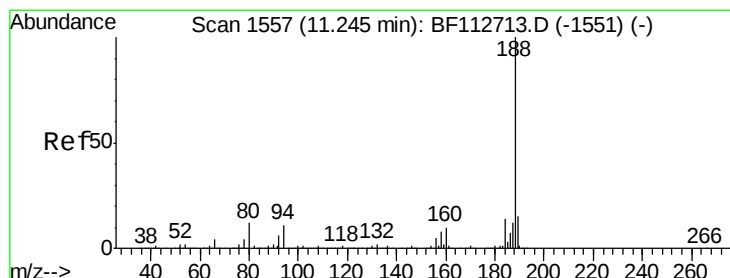
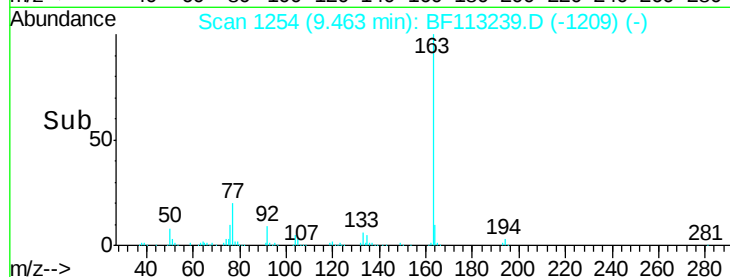
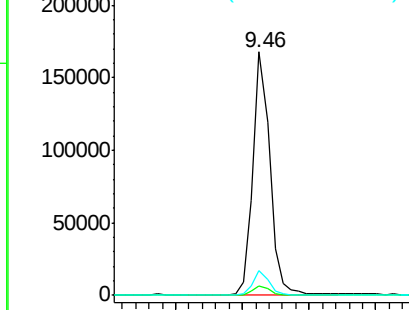
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	145234		
194	3.7		3.0	4.4
164	10.0		8.4	12.6

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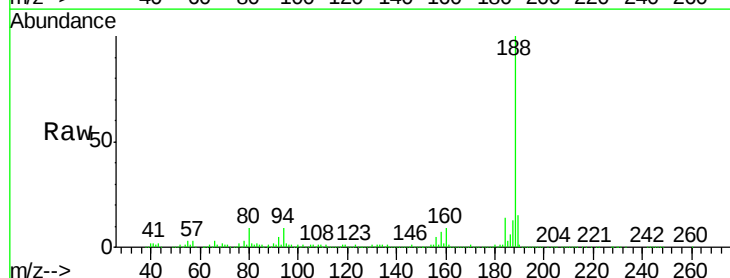


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

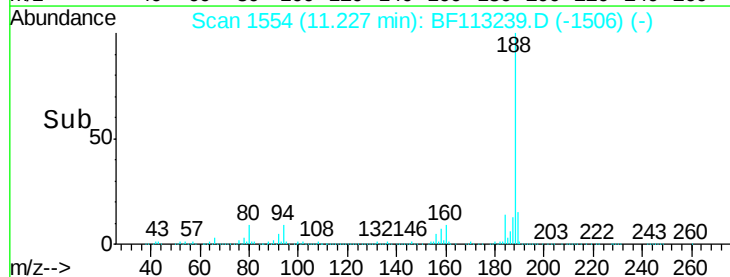
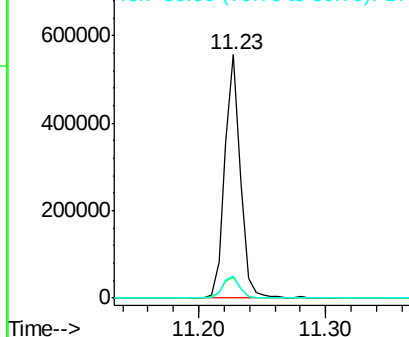


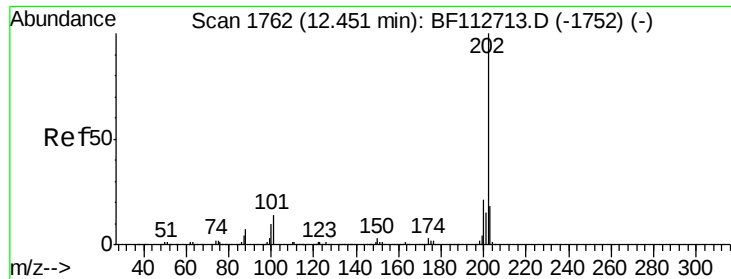
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF113239.D
Acq: 22 Mar 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	477377		
94	8.8		9.0	13.4#
80	9.3		9.2	13.8



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: 2.074 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF113239.D

Acq: 22 Mar 2019 17:22

Instrument :

BNA_F

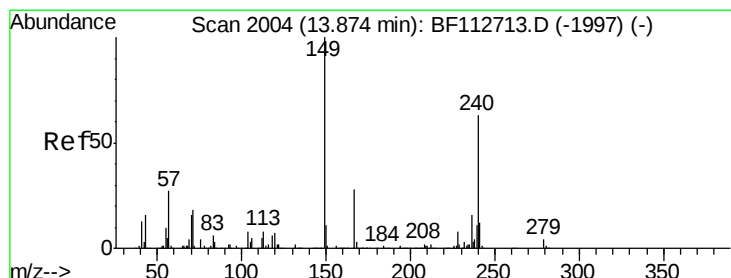
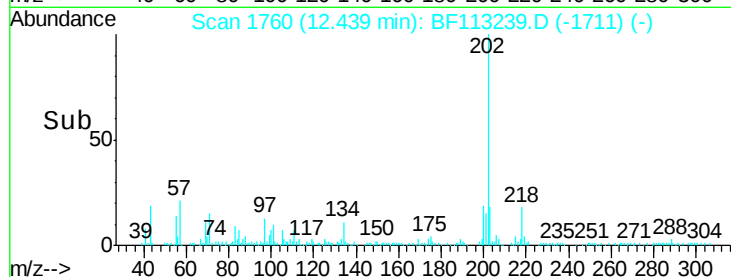
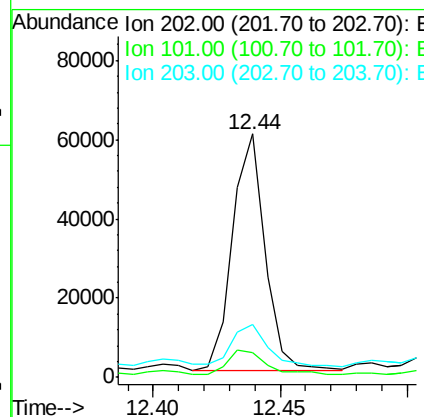
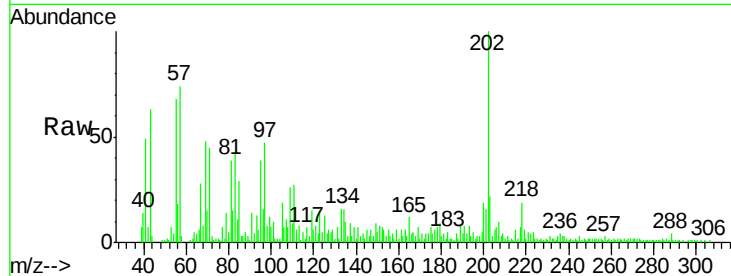
ClientSampleId :

SB-20(10-11)

Tgt Ion:	202	Resp:	52772
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	33.8
203	21.7	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

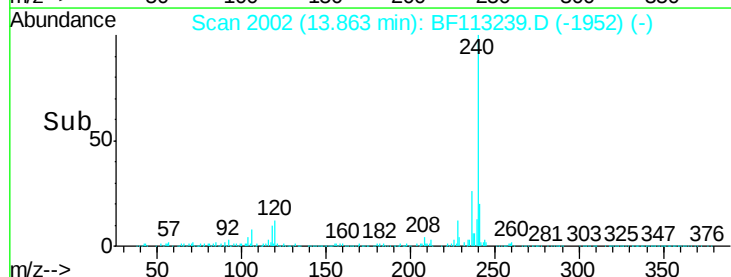
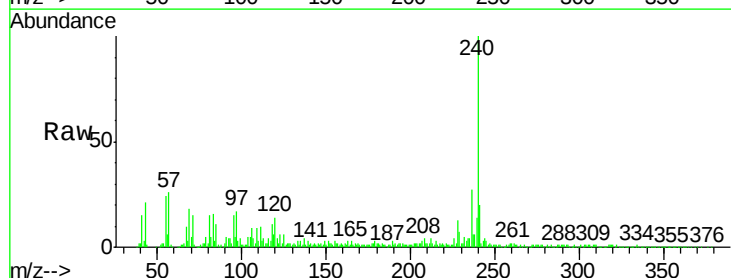
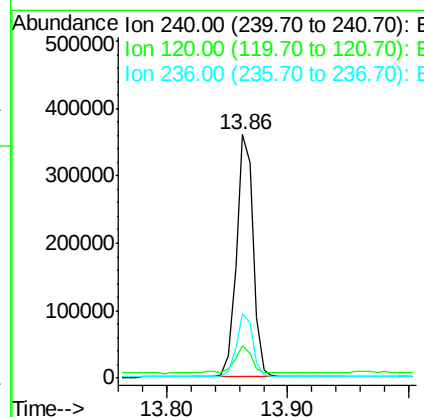
RT: 13.86 min Scan# 2002

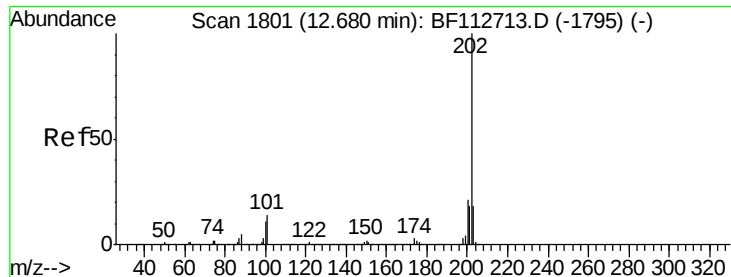
Delta R.T. -0.01 min

Lab File: BF113239.D

Acq: 22 Mar 2019 17:22

Tgt Ion:	240	Resp:	346820
Ion Ratio	Lower	Upper	
240	100		
120	13.5	8.9	13.3#
236	26.6	20.7	31.1





#78

Pyrene

Concen: 4.937 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF113239.D

Acq: 22 Mar 2019 17:22

Instrument :

BNA_F

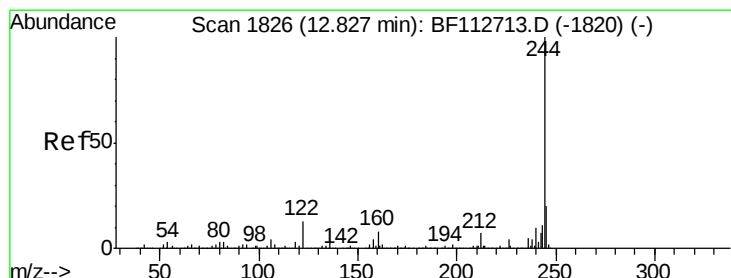
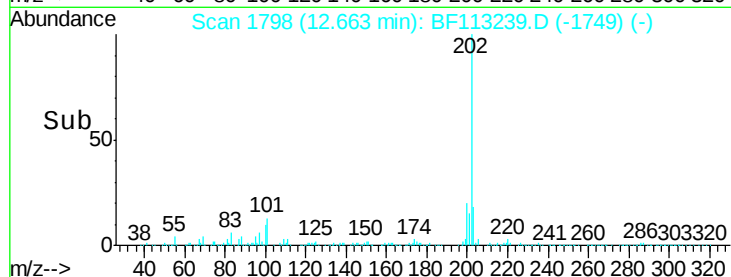
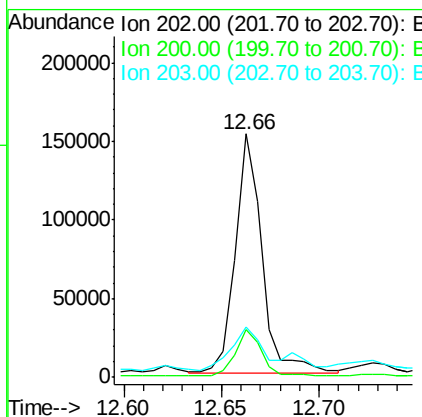
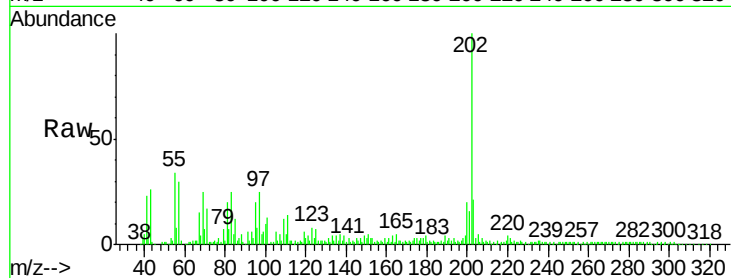
ClientSampleId :

SB-20(10-11)

Tgt Ion:	202	Resp:	144344
Ion Ratio	Lower	Upper	
202	100		
200	19.8	17.0	25.4
203	20.8	14.4	21.6

Manual Integrations
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#79

Terphenyl-d14

Concen: 72.250 ng

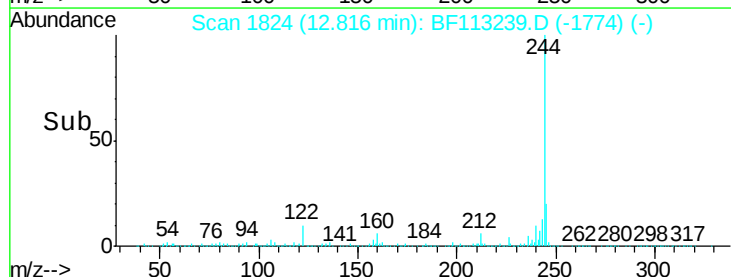
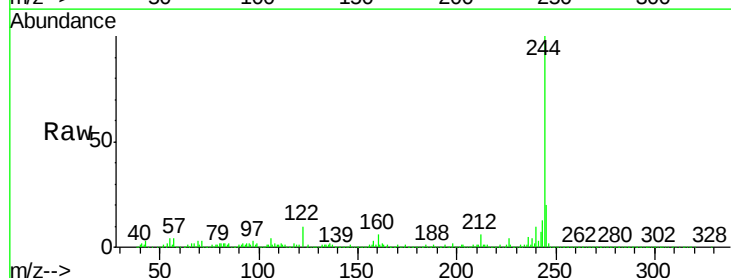
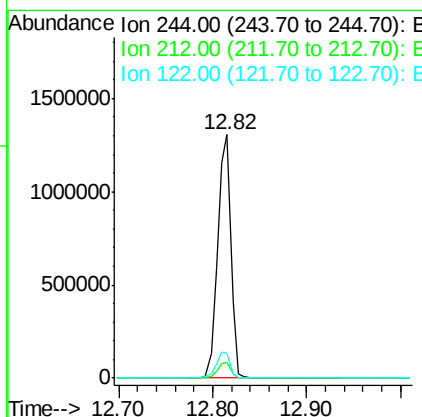
RT: 12.82 min Scan# 1824

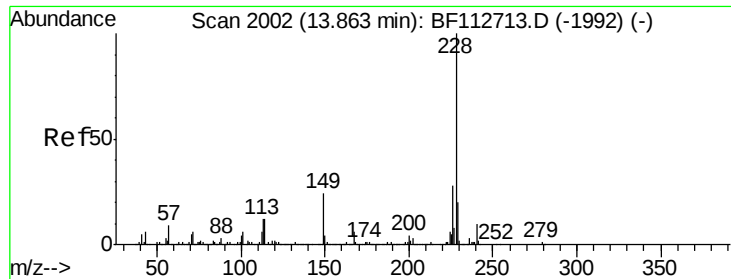
Delta R.T. -0.01 min

Lab File: BF113239.D

Acq: 22 Mar 2019 17:22

Tgt Ion:	244	Resp:	1292638
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.6	8.4
122	10.2	10.5	15.7#





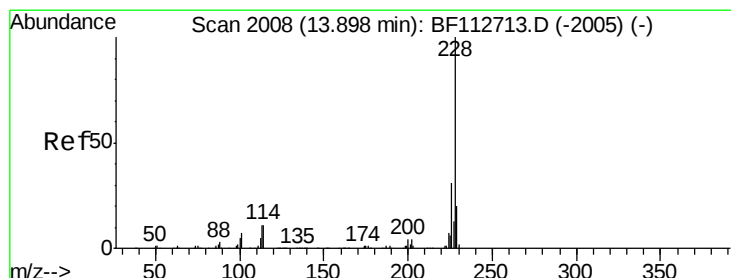
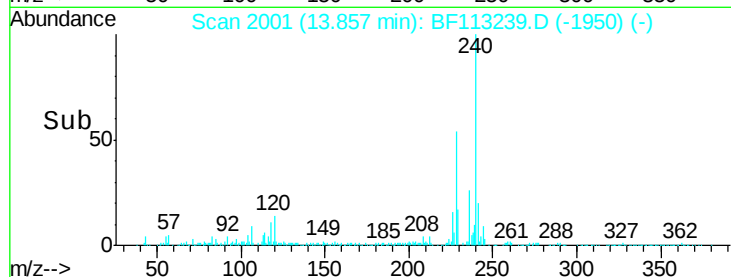
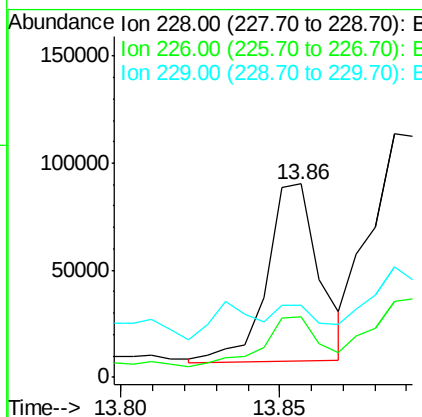
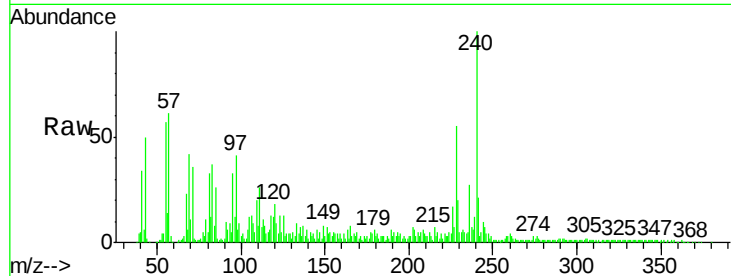
#81
Benzo(a)anthracene
Concen: 4.001 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF113239.D
Acq: 22 Mar 2019 17:22

Instrument :
BNA_F
ClientSampled :
SB-20(10-11)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.2	33.4
229	37.1	16.0	24.0

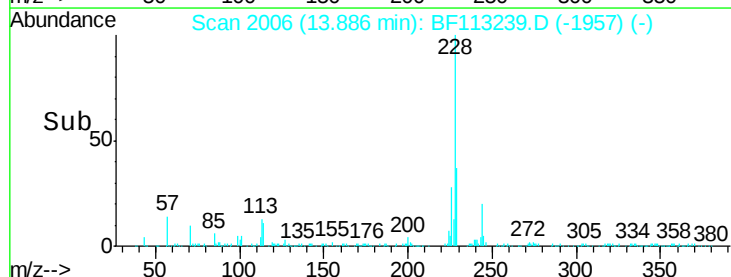
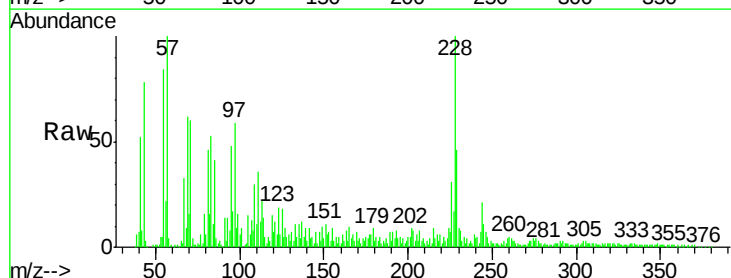
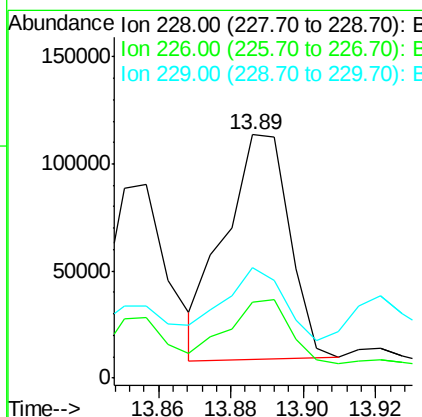
Manual Integrations
APPROVED

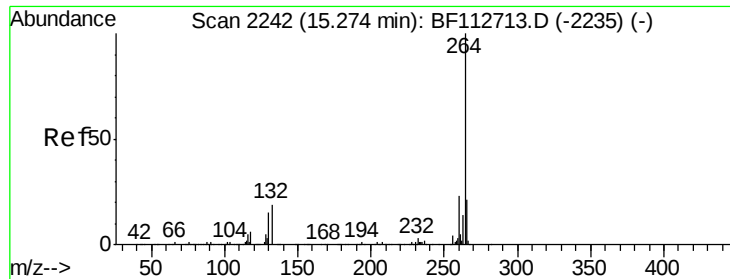
Sohil
3/25/2019 6:32:09 PM



#83
Chrysene
Concen: 5.499 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF113239.D
Acq: 22 Mar 2019 17:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	45.6	16.3	24.5





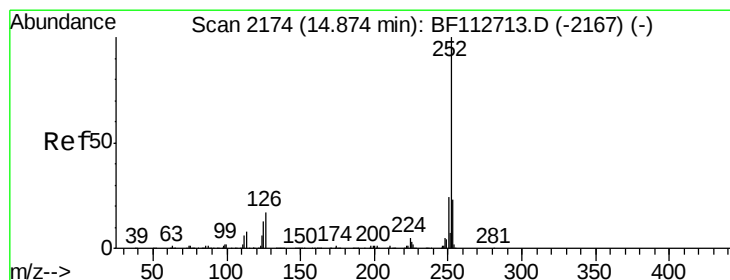
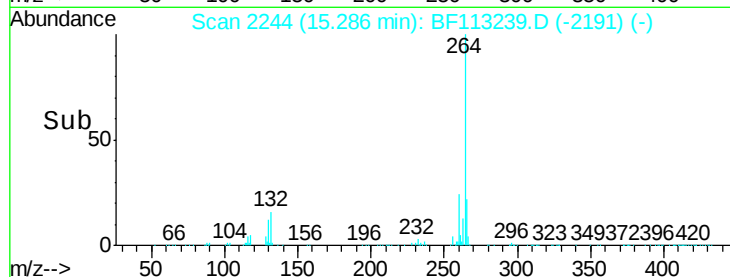
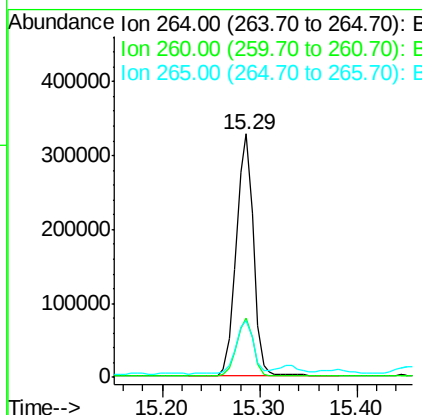
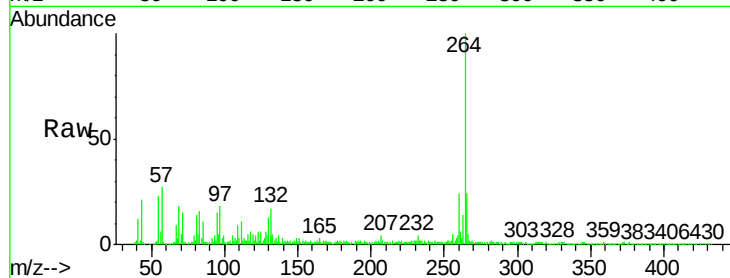
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF113239.D
Acq: 22 Mar 2019 17:22

Instrument :
BNA_F
ClientSampleId :
SB-20(10-11)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	23.5	17.2	25.8

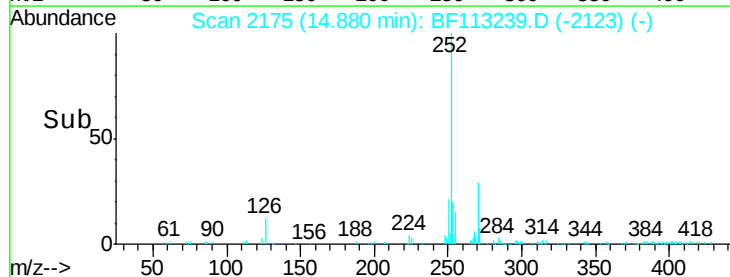
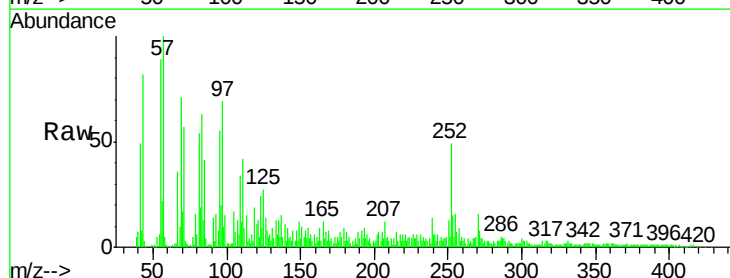
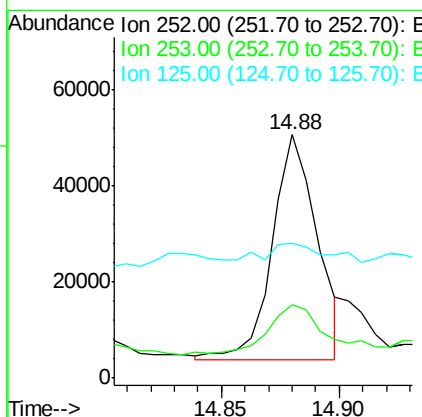
Manual Integrations
APPROVED

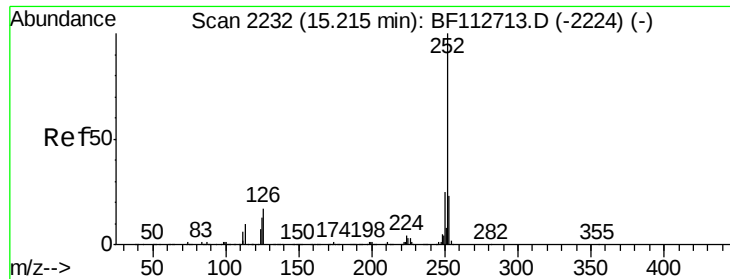
Sohil
3/25/2019 6:32:09 PM



#88
Benzo(b)fluoranthene
Concen: 2.400 ng m
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF113239.D
Acq: 22 Mar 2019 17:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.1	18.0	27.0#
125	55.6	10.2	15.2#





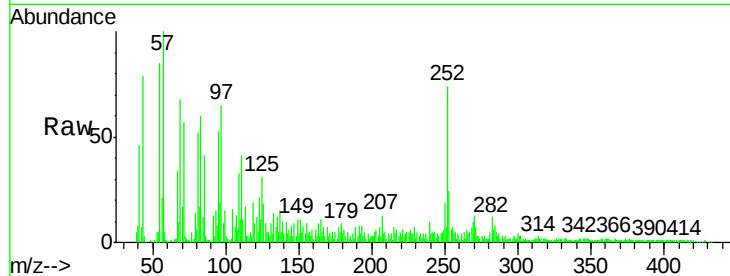
#90
Benzo(a)pyrene
Concen: 3.658 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF113239.D
Acq: 22 Mar 2019 17:22

Instrument :
BNA_F
ClientSampleId :
SB-20(10-11)

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	32.4	18.0	27.0#
125	41.6	10.7	16.1#

Manual Integrations
APPROVED

Sohil
3/25/2019 6:32:09 PM

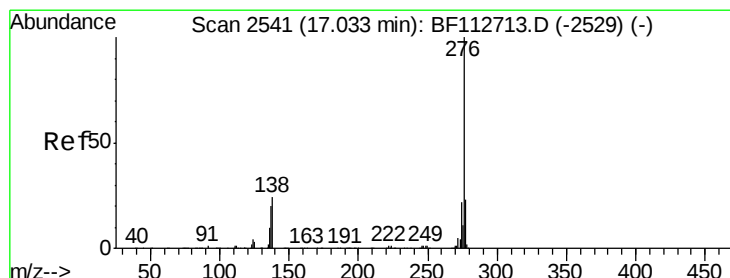
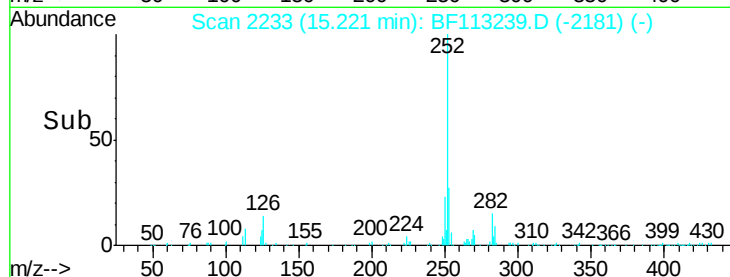
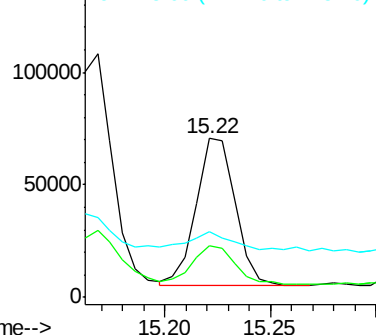


Abundance

Ion 252.00 (251.70 to 252.70): E

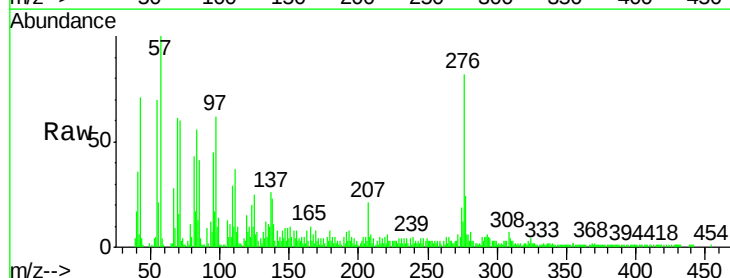
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 4.086 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.02 min
Lab File: BF113239.D
Acq: 22 Mar 2019 17:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	30.0	18.6	27.8#
138	28.0	19.4	29.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

