

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
 Data File : BF113667.D
 Acq On : 9 Apr 2019 18:01
 Operator : JU/SJ
 Sample : K2338-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-DEEP

Manual Integrations
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Quant Time: Apr 10 06:48:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	113532	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	432209	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	212381	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	428155	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	317780	20.00	ng	-0.02
87) Perylene-d12	15.23	264	333371	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	830344	124.72	ng	0.00
7) Phenol-d6	6.33	99	1091332	132.99	ng	0.00
23) Nitrobenzene-d5	7.25	82	649258	87.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	342935	134.42	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	1154228	87.49	ng	-0.02
79) Terphenyl-d14	12.77	244	1177027	75.41	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	9.43	163	179420	11.461	ng	99
75) Fluoranthene	12.40	202	84447	3.704	ng	96
78) Pyrene	12.63	202	79049	3.269	ng	97
81) Benzo(a)anthracene	13.82	228	41566	2.267	ng	99
83) Chrysene	13.85	228	47051	2.532	ng	99
86) Indeno(1,2,3-cd)pyrene	16.60	276	36922	2.152	ng	96
88) Benzo(b)fluoranthene	14.84	252	66459m	3.257	ng	
90) Benzo(a)pyrene	15.17	252	46721	2.577	ng	98

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

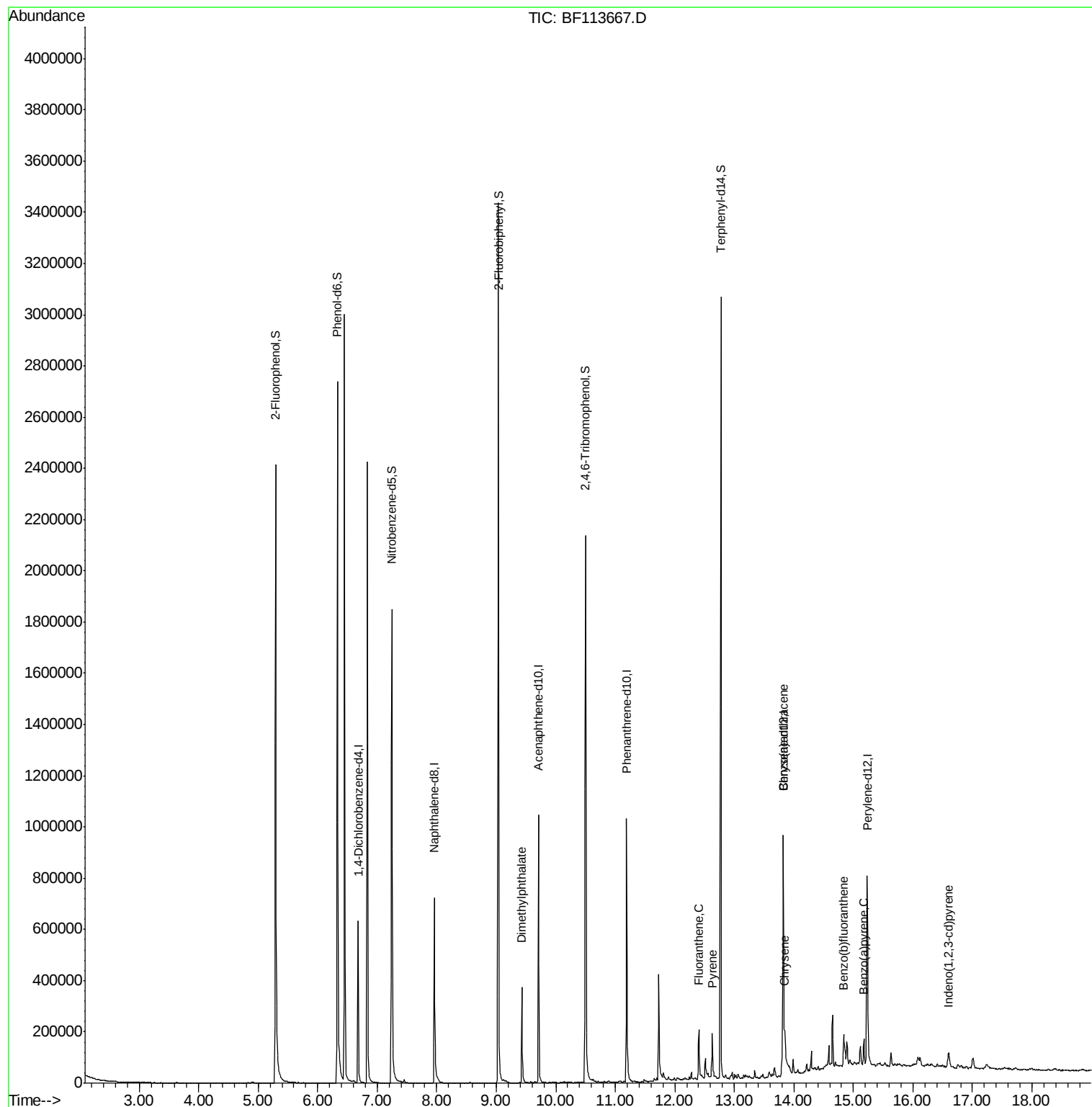
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
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#1

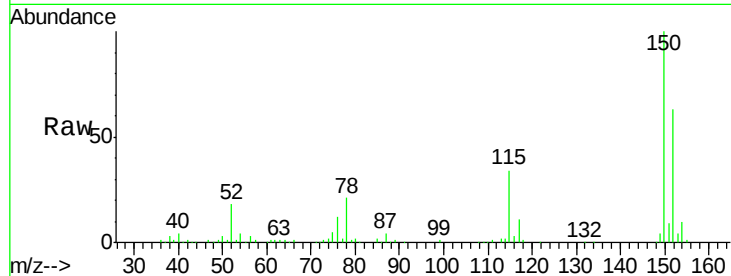
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113667.D
Acq: 9 Apr 2019 18:01

Instrument :
BNA_F
ClientSampled :
TP-2-DEEP

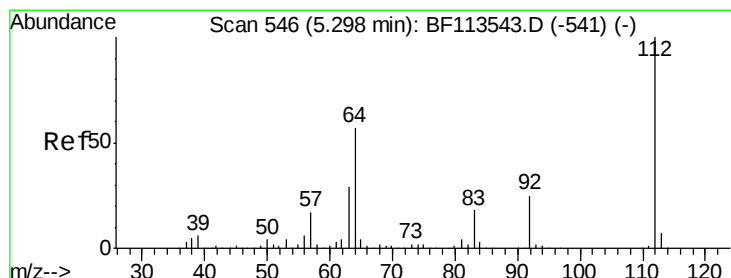
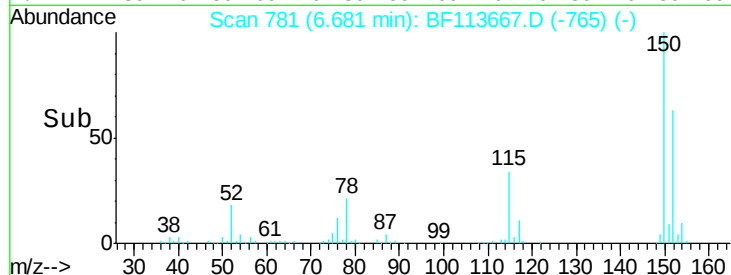
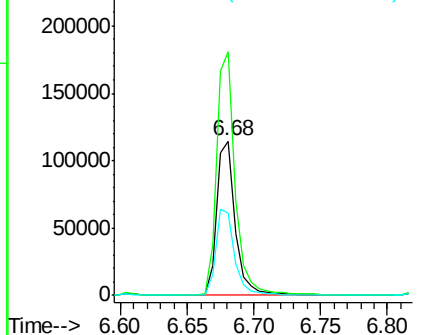
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.7	187.1
115	53.4	46.0	69.0

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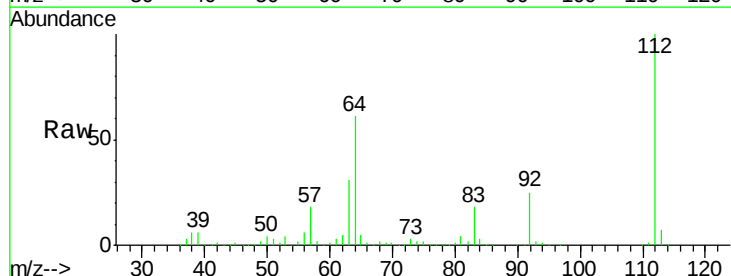
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



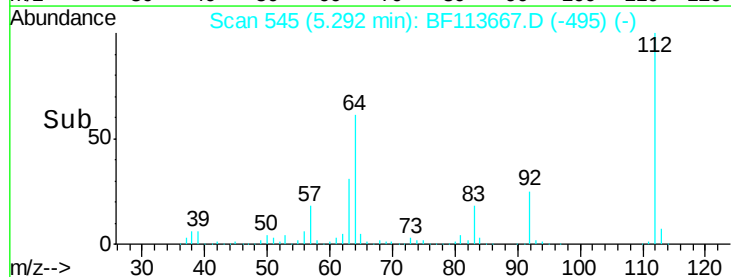
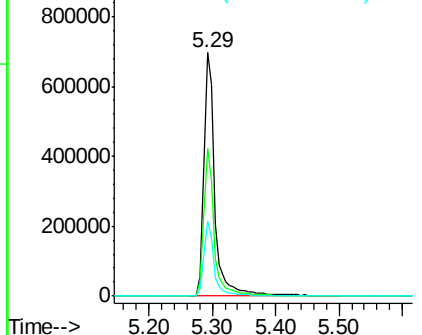
#5

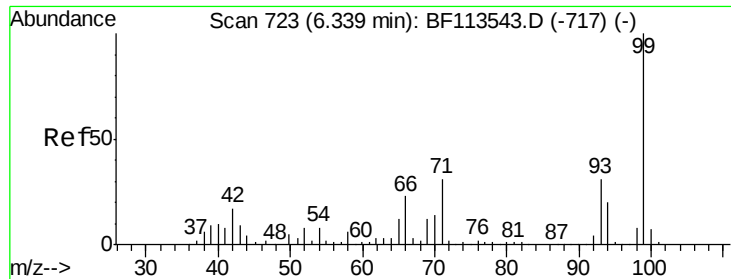
2-Fluorophenol
Concen: 124.716 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113667.D
Acq: 9 Apr 2019 18:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	49.2	73.8
63	30.7	24.9	37.3



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: 132.994 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113667.D

Acq: 9 Apr 2019 18:01

Instrument :

BNA_F

ClientSampled :

TP-2-DEEP

Tgt Ion: 99 Resp: 1091332

Ion Ratio Lower Upper

99 100

42 17.9 14.8 22.2

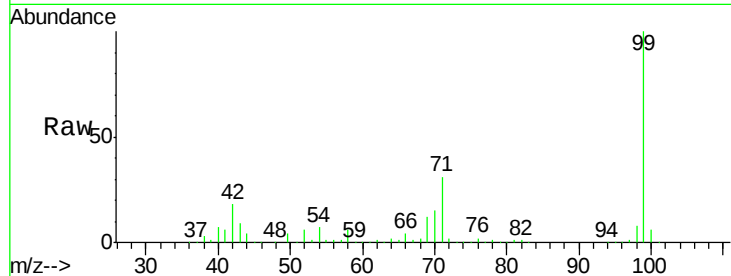
71 31.5 24.9 37.3

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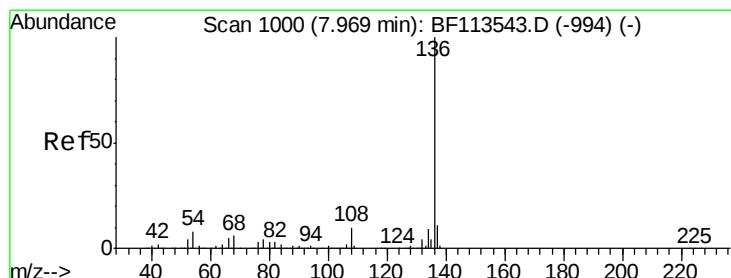
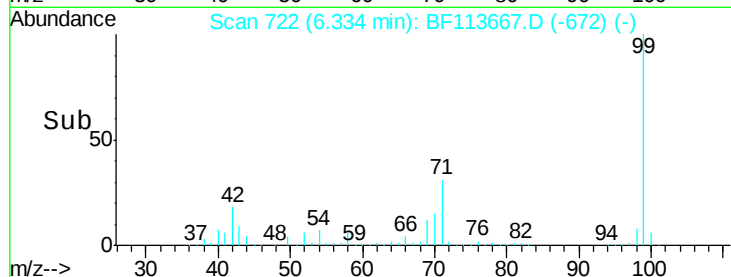
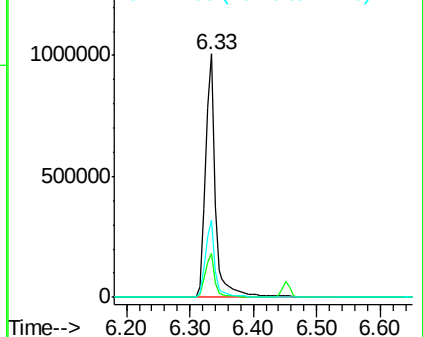
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113667.D

Acq: 9 Apr 2019 18:01

Tgt Ion: 136 Resp: 432209

Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.6 7.0 10.6

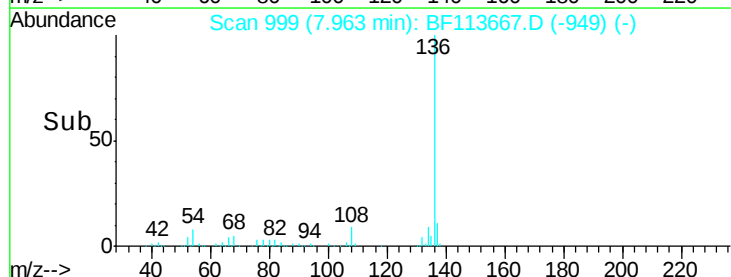
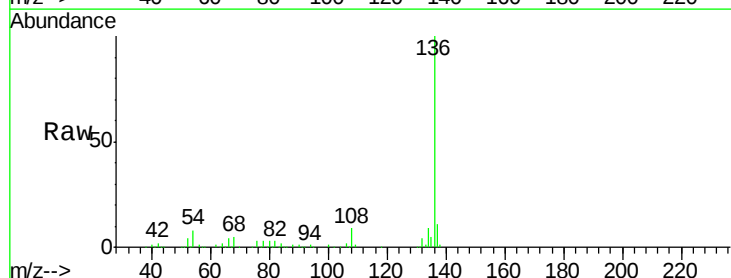
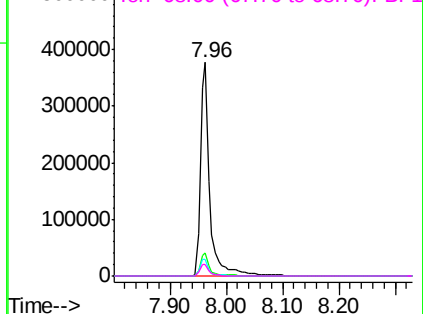
68 5.5 4.8 7.2

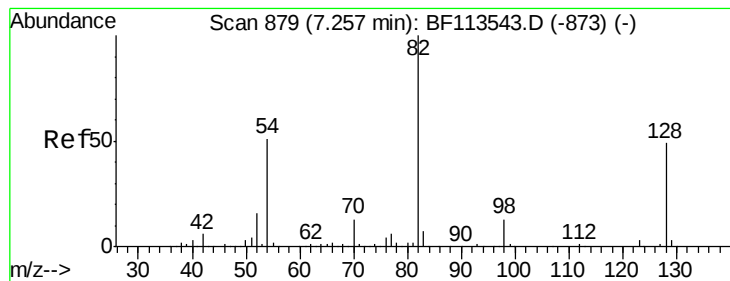
Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.991 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113667.D

Acq: 9 Apr 2019 18:01

Instrument :

BNA_F

ClientSampled :

TP-2-DEEP

Tgt Ion: 82 Resp: 649258

Ion Ratio Lower Upper

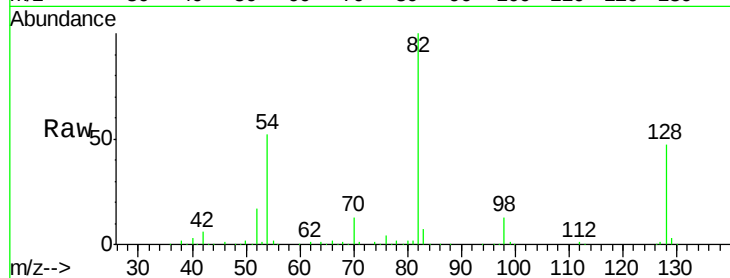
82 100

128 46.7 36.5 54.7

54 52.3 42.2 63.2

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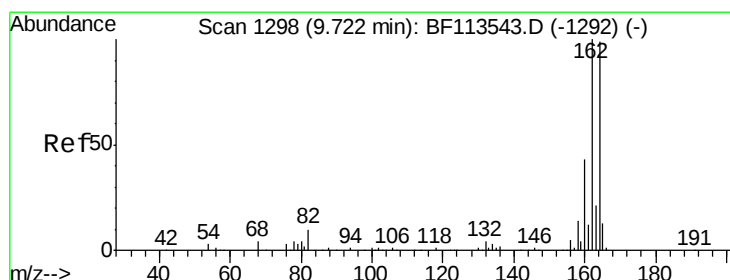
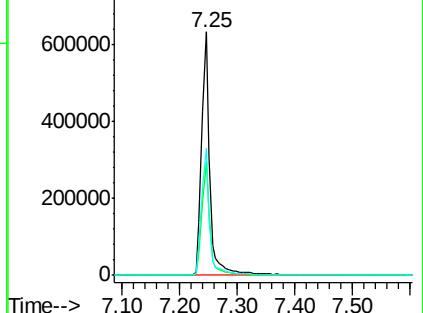
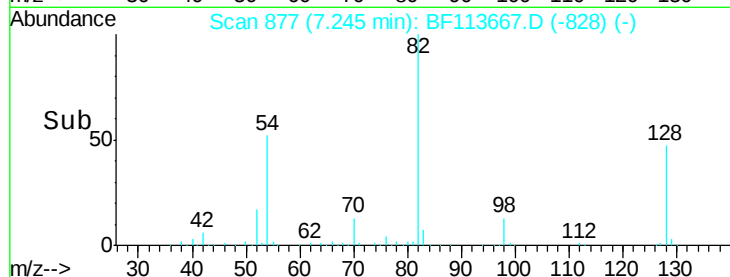
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113667.D

Acq: 9 Apr 2019 18:01

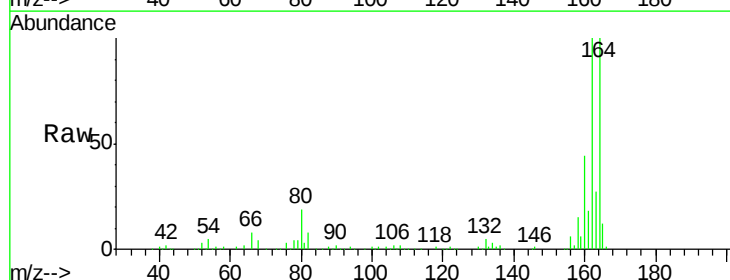
Tgt Ion: 164 Resp: 212381

Ion Ratio Lower Upper

164 100

162 100.5 81.8 122.6

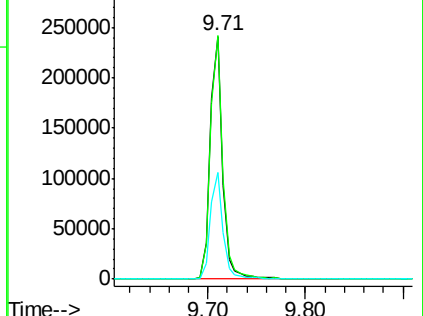
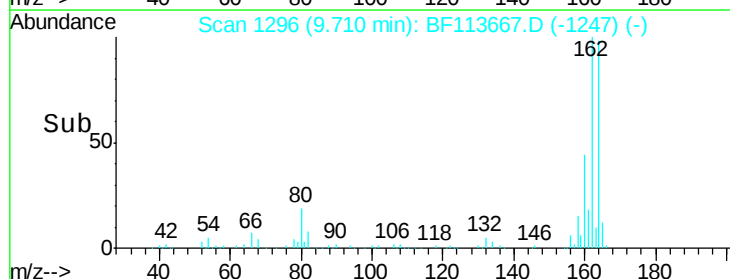
160 44.0 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





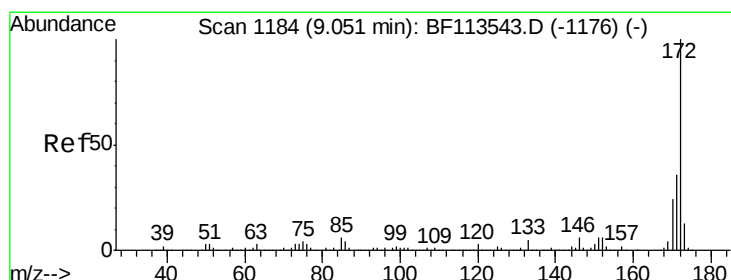
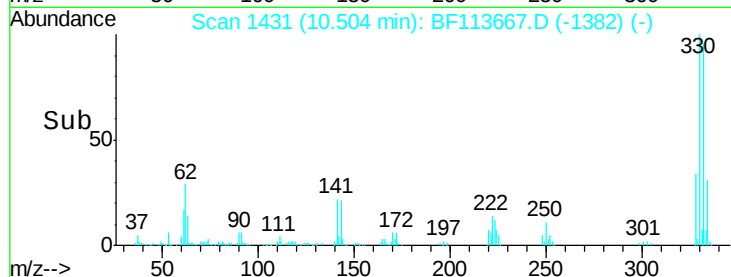
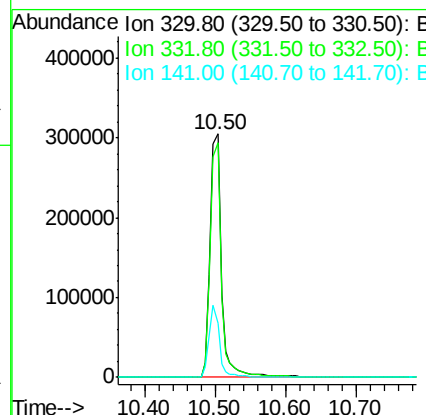
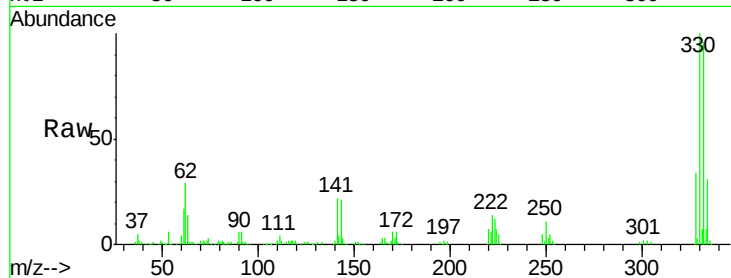
#42
 2,4,6-Tribromophenol
 Concen: 134.420 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113667.D
 Acq: 9 Apr 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100	342935		
332	95.1	77.8	116.6	
141	27.8	22.7	34.1	

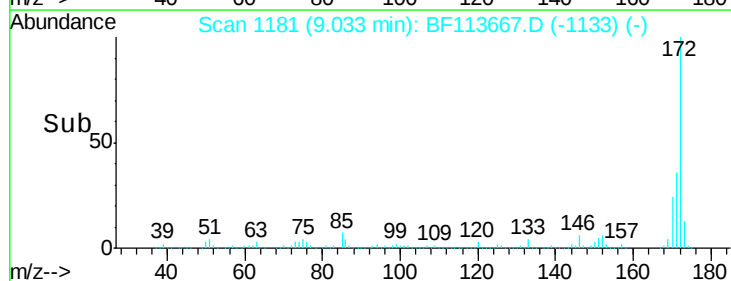
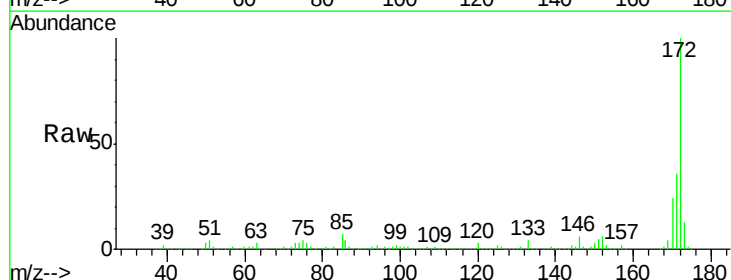
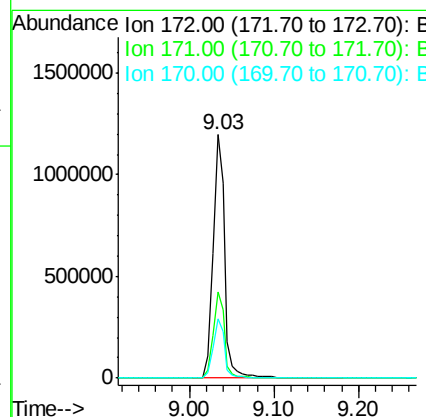
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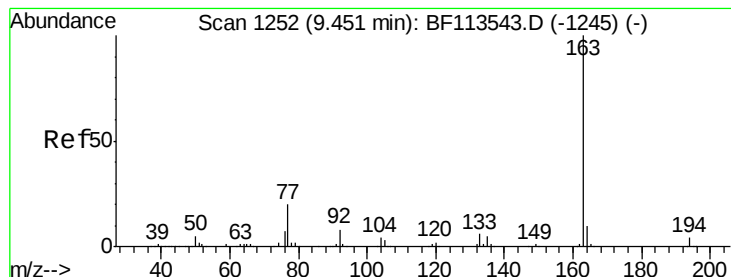
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#45
 2-Fluorobiphenyl
 Concen: 87.493 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113667.D
 Acq: 9 Apr 2019 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1154228		
171	35.6	29.0	43.6	
170	24.1	19.5	29.3	





#50

Dimethylphthalate

Concen: 11.461 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BF113667.D

Acq: 9 Apr 2019 18:01

Instrument :

BNA_F

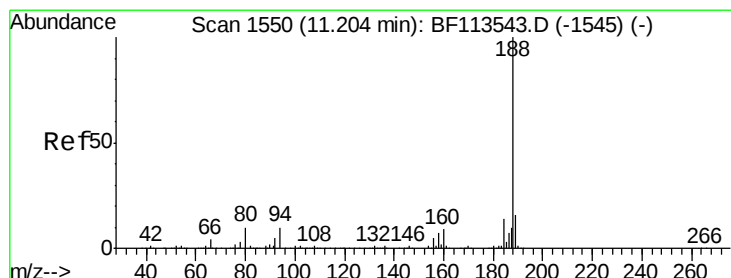
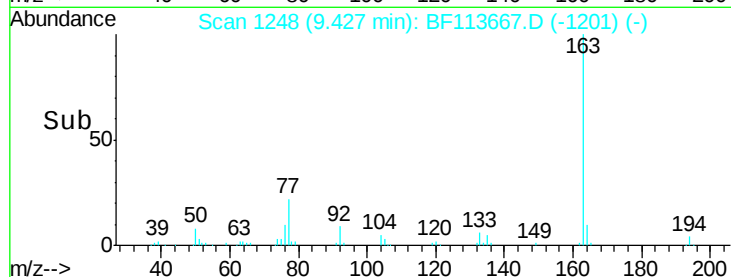
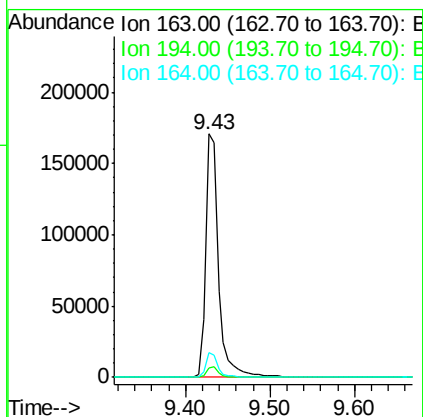
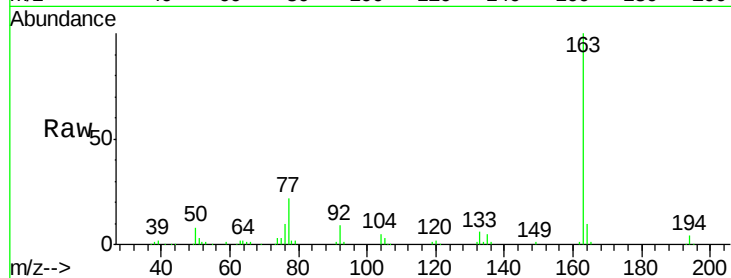
ClientSampleId :

TP-2-DEEP

Tgt Ion:	163	Resp:	179420
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.0	4.6
164	10.4	8.1	12.1

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#64

Phenanthrene-d10

Concen: 20.000 ng

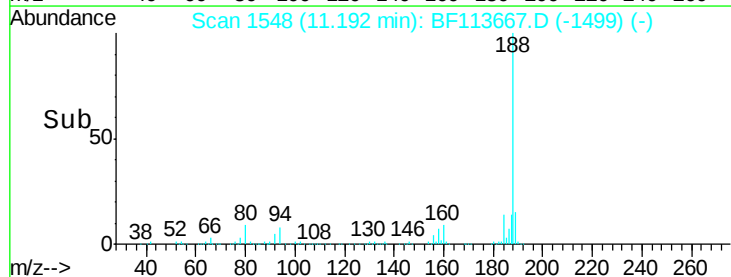
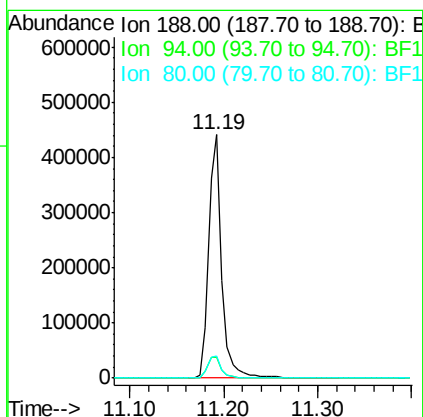
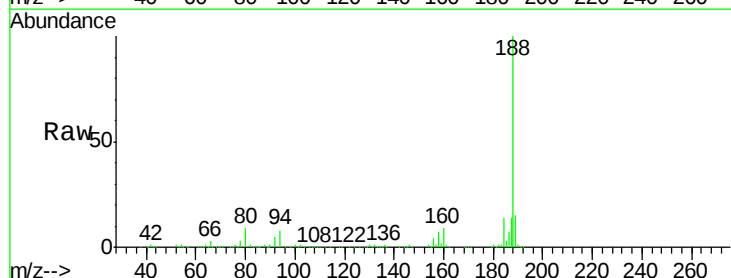
RT: 11.19 min Scan# 1548

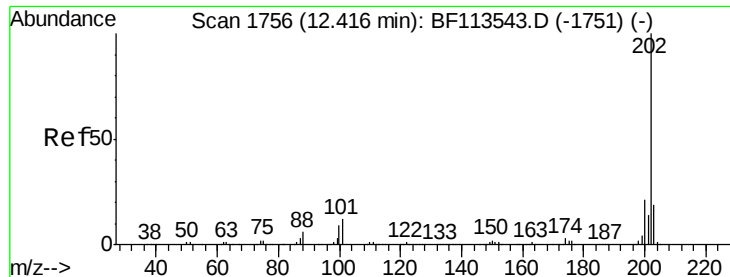
Delta R.T. -0.01 min

Lab File: BF113667.D

Acq: 9 Apr 2019 18:01

Tgt Ion:	188	Resp:	428155
Ion Ratio	Lower	Upper	
188	100		
94	8.4	7.0	10.6
80	9.0	7.7	11.5





#75

Fluoranthene

Concen: 3.704 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF113667.D

Acq: 9 Apr 2019 18:01

Instrument :

BNA_F

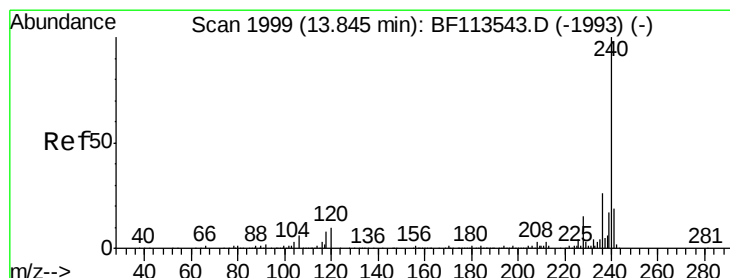
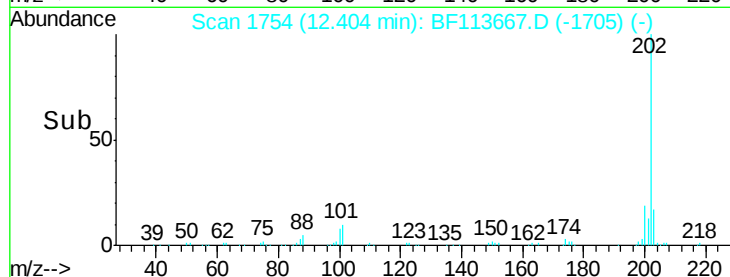
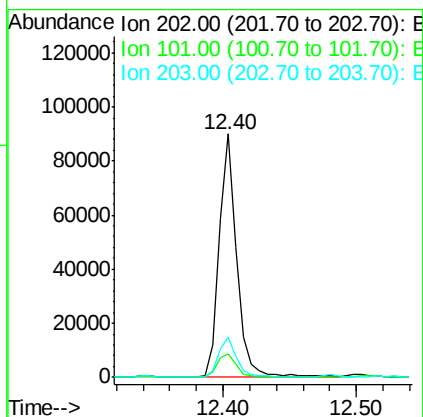
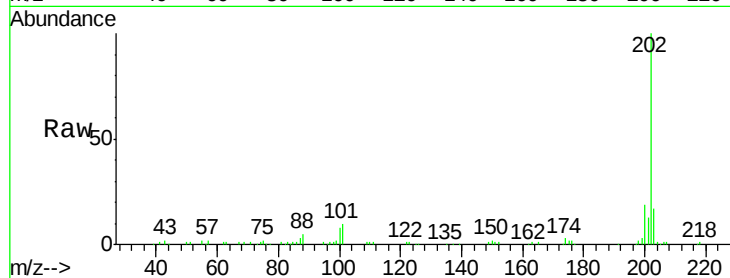
ClientSampleId :

TP-2-DEEP

Tgt Ion:	202	Resp:	84447
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	31.4
203	16.7	0.0	38.0

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#76

Chrysene-d12

Concen: 20.000 ng

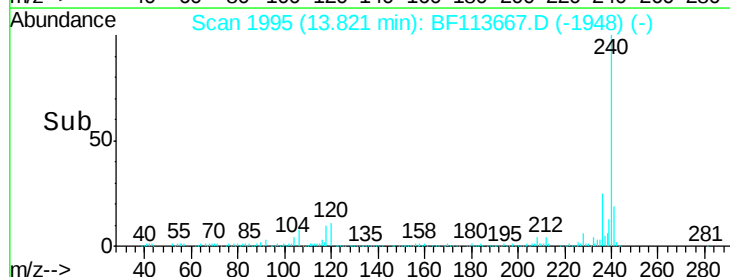
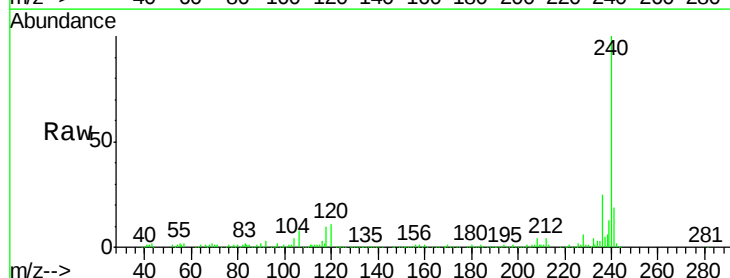
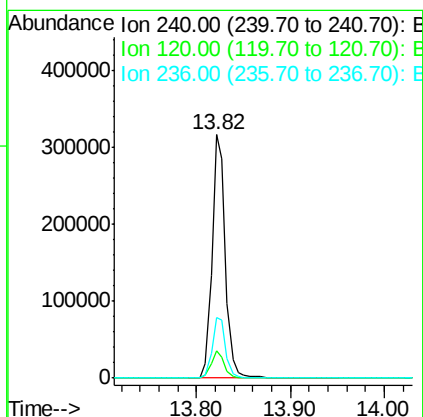
RT: 13.82 min Scan# 1995

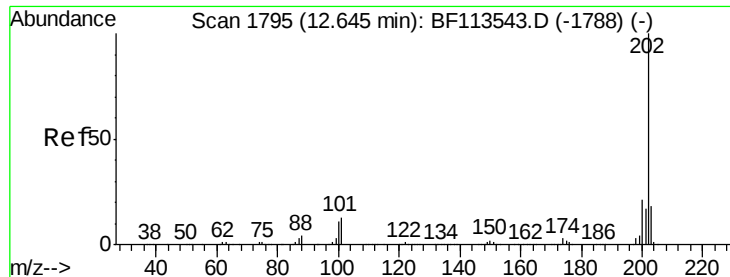
Delta R.T. -0.02 min

Lab File: BF113667.D

Acq: 9 Apr 2019 18:01

Tgt Ion:	240	Resp:	317780
Ion Ratio	Lower	Upper	
240	100		
120	11.2	8.8	13.2
236	24.8	20.9	31.3





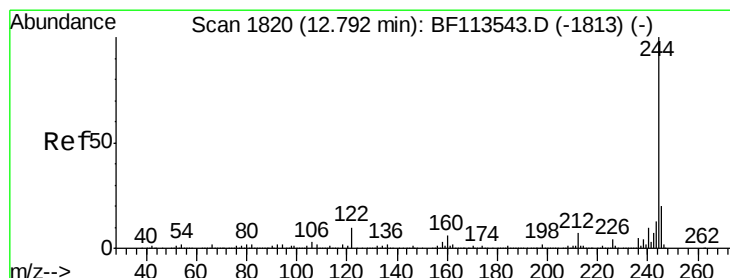
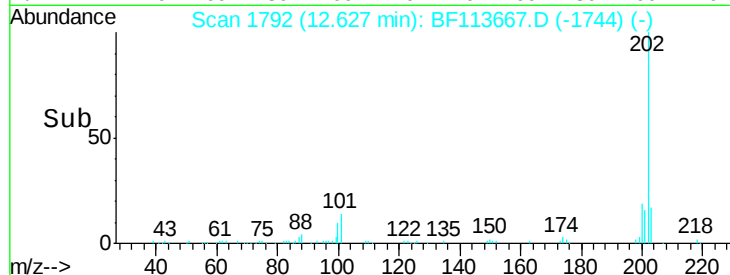
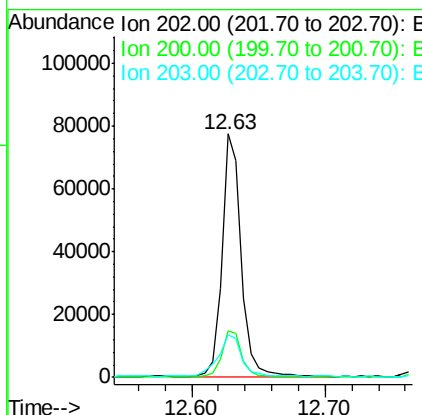
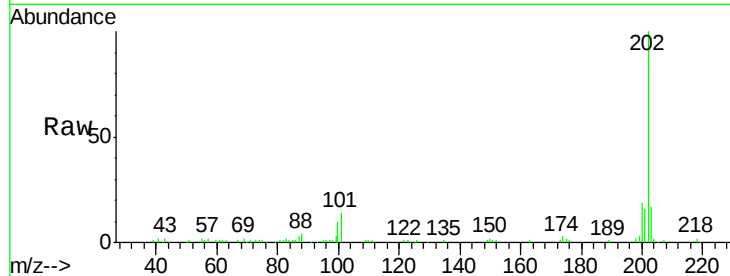
#78
 Pyrene
 Concen: 3.269 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BF113667.D
 Acq: 9 Apr 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-DEEP

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.1	16.8	25.2
203	17.4	14.4	21.6

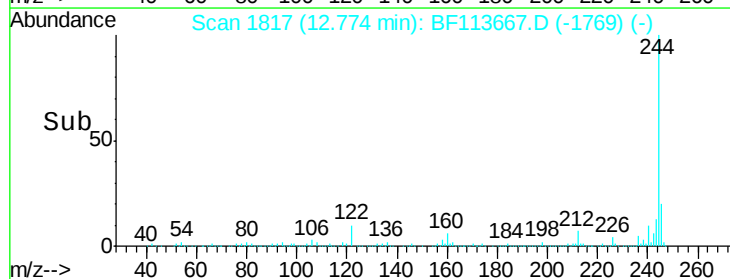
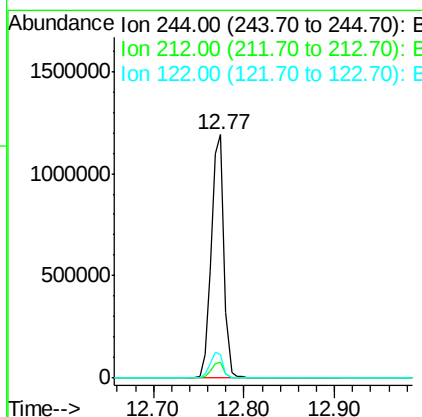
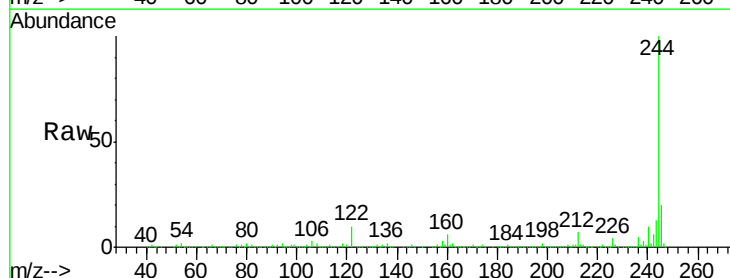
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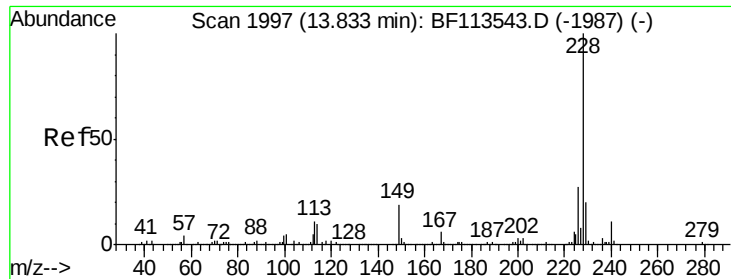
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#79
 Terphenyl-d14
 Concen: 75.412 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113667.D
 Acq: 9 Apr 2019 18:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.5	8.3
122	9.7	8.6	13.0





#81

Benzo(a)anthracene

Concen: 2.267 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BF113667.D

Acq: 9 Apr 2019 18:01

Instrument :

BNA_F

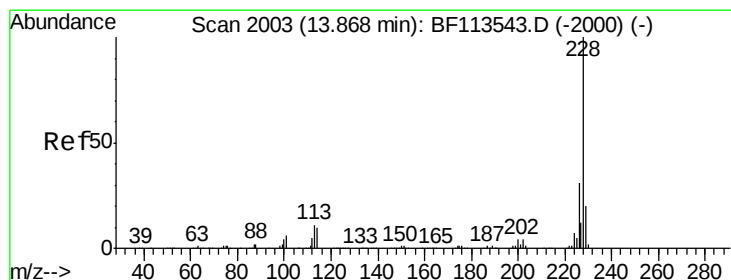
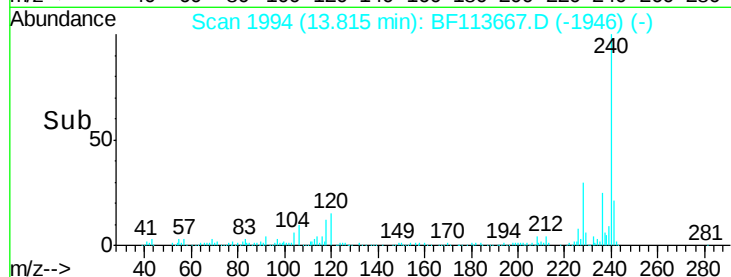
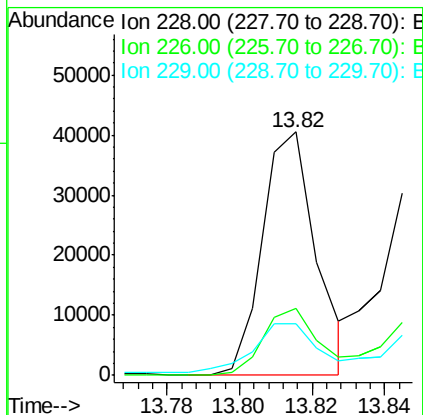
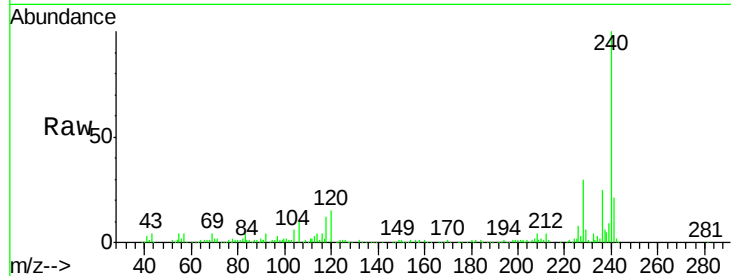
ClientSampled :

TP-2-DEEP

Tgt Ion:	228	Resp:	41566
Ion Ratio	Lower	Upper	
228	100		
226	27.4	21.8	32.8
229	21.1	16.2	24.4

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#83

Chrysene

Concen: 2.532 ng

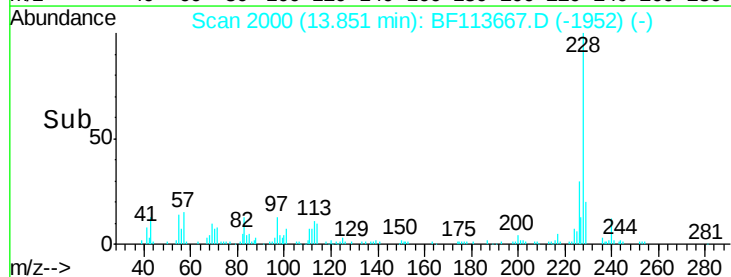
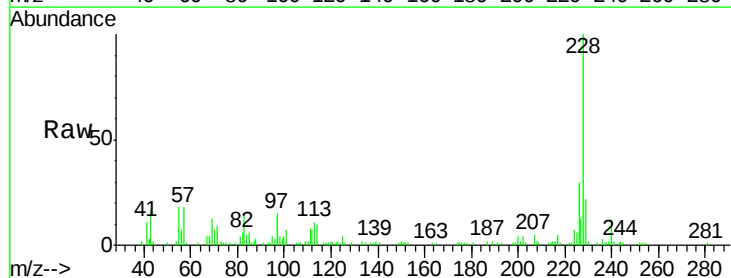
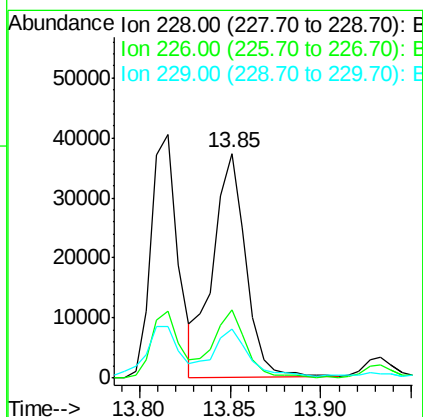
RT: 13.85 min Scan# 2000

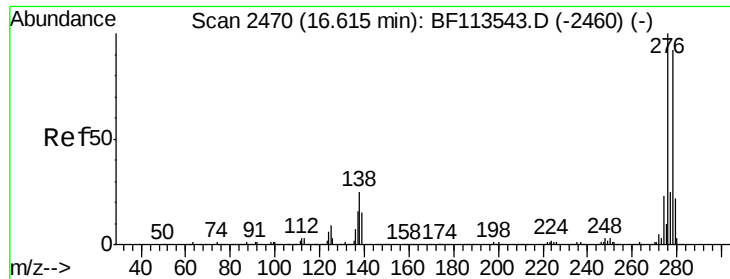
Delta R.T. -0.02 min

Lab File: BF113667.D

Acq: 9 Apr 2019 18:01

Tgt Ion:	228	Resp:	47051
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.3	36.5
229	21.6	16.3	24.5





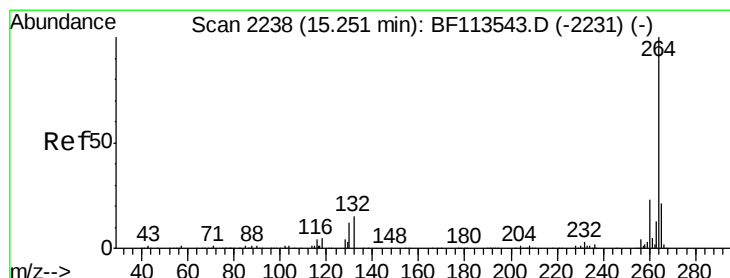
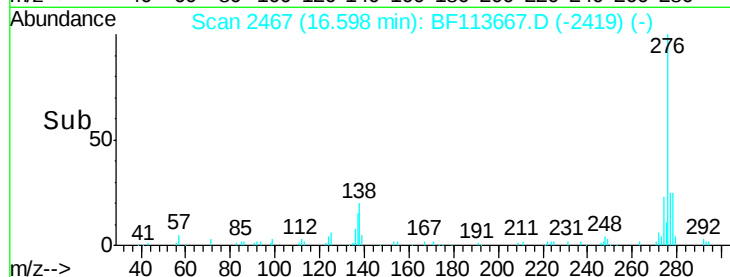
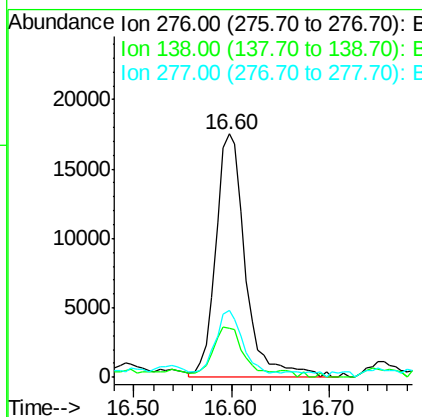
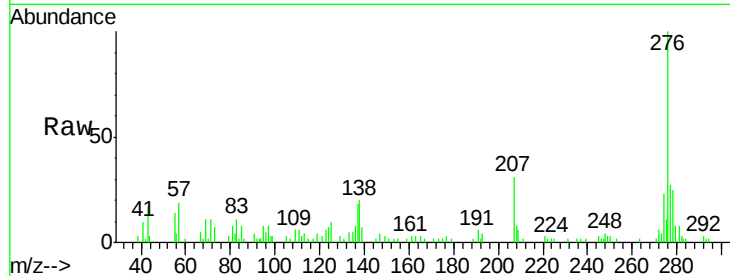
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.152 ng
 RT: 16.60 min Scan# 2467
 Delta R.T. -0.02 min
 Lab File: BF113667.D
 Acq: 9 Apr 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-DEEP

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.5	18.1	27.1
277	22.9	20.2	30.4

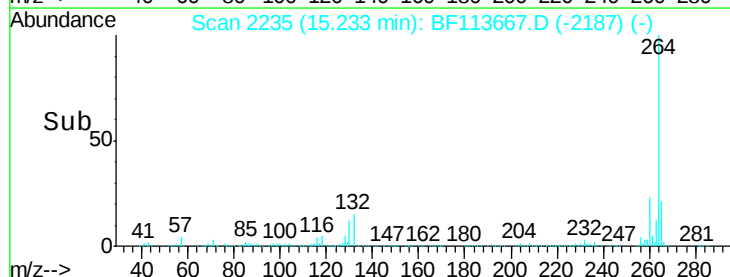
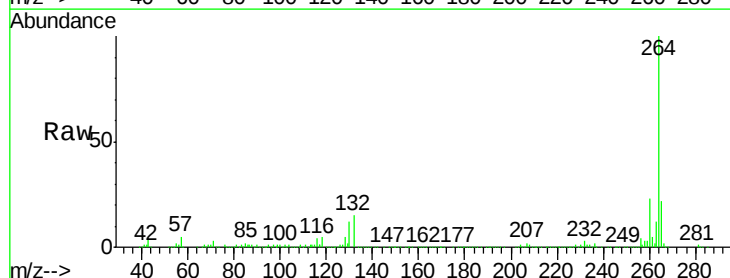
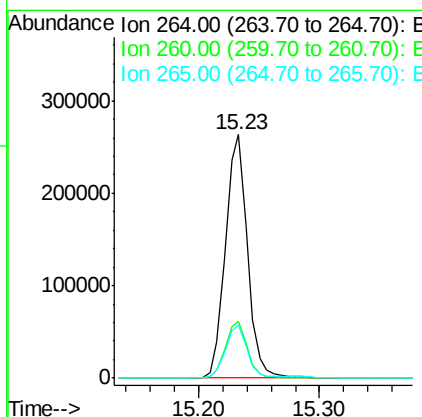
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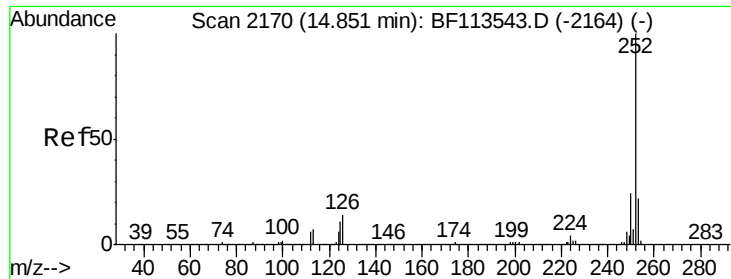
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF113667.D
 Acq: 9 Apr 2019 18:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.5	17.1	25.7





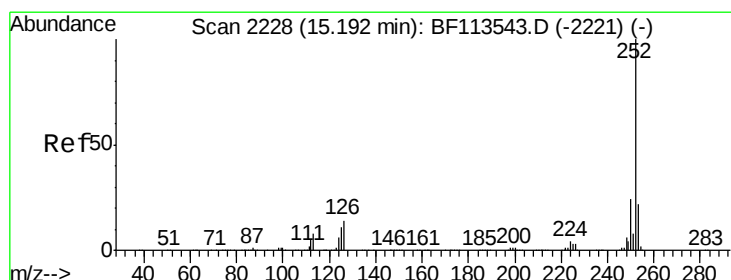
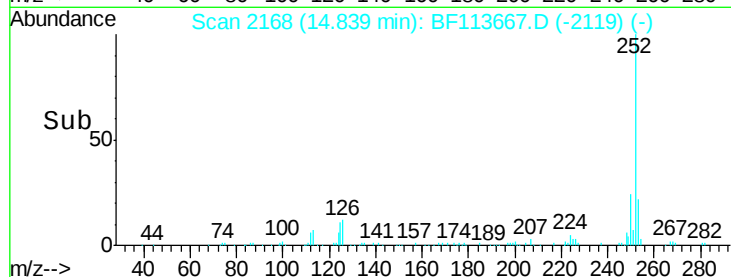
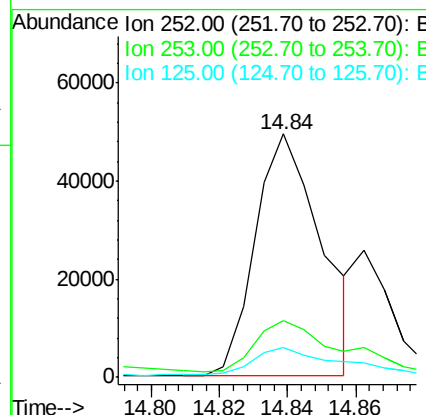
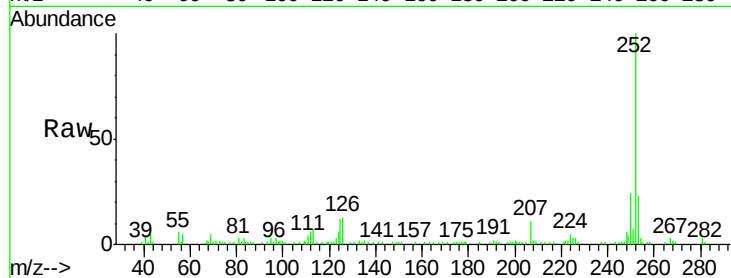
#88
Benzo(b)fluoranthene
Concen: 3.257 ng m
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF113667.D
Acq: 9 Apr 2019 18:01

Instrument :
BNA_F
ClientSampleId :
TP-2-DEEP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	12.5	7.6	11.4

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.577 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF113667.D
Acq: 9 Apr 2019 18:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	12.2	8.8	13.2

