

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
 Data File : BF113728.D
 Acq On : 11 Apr 2019 19:00
 Operator : JU/SJ
 Sample : K2343-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-S

Manual Integrations
 APPROVED

Sohil
 4/12/2019 2:29:02 PM

Quant Time: Apr 12 02:16:53 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	6.67	152	120816	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	467710	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	224547	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	455593	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	341667	20.00	ng	-0.02
87) Perylene-d12	15.23	264	327079	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	798796	112.74	ng	-0.01
7) Phenol-d6	6.33	99	1041895	119.31	ng	-0.01
23) Nitrobenzene-d5	7.24	82	608546	76.21	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	265323	98.36	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1174343	84.19	ng	-0.02
79) Terphenyl-d14	12.76	244	1217577	72.56	ng	-0.03
Target Compounds						
50) Dimethylphthalate	9.43	163	106150	6.413	ng	100
71) Phenanthrene	11.21	178	102943	4.547	ng	97
75) Fluoranthene	12.40	202	137731	5.678	ng	99
78) Pyrene	12.63	202	120789	4.646	ng	97
81) Benzo(a)anthracene	13.81	228	54974	2.789	ng	99
83) Chrysene	13.85	228	48333	2.419	ng	99
86) Indeno(1,2,3-cd)pyrene	16.60	276	40255	2.182	ng	96
88) Benzo(b)fluoranthene	14.84	252	69165m	3.455	ng	
90) Benzo(a)pyrene	15.17	252	50521	2.840	ng	99
92) Benzo(g,h,i)perylene	17.01	276	38957	2.294	ng	95

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

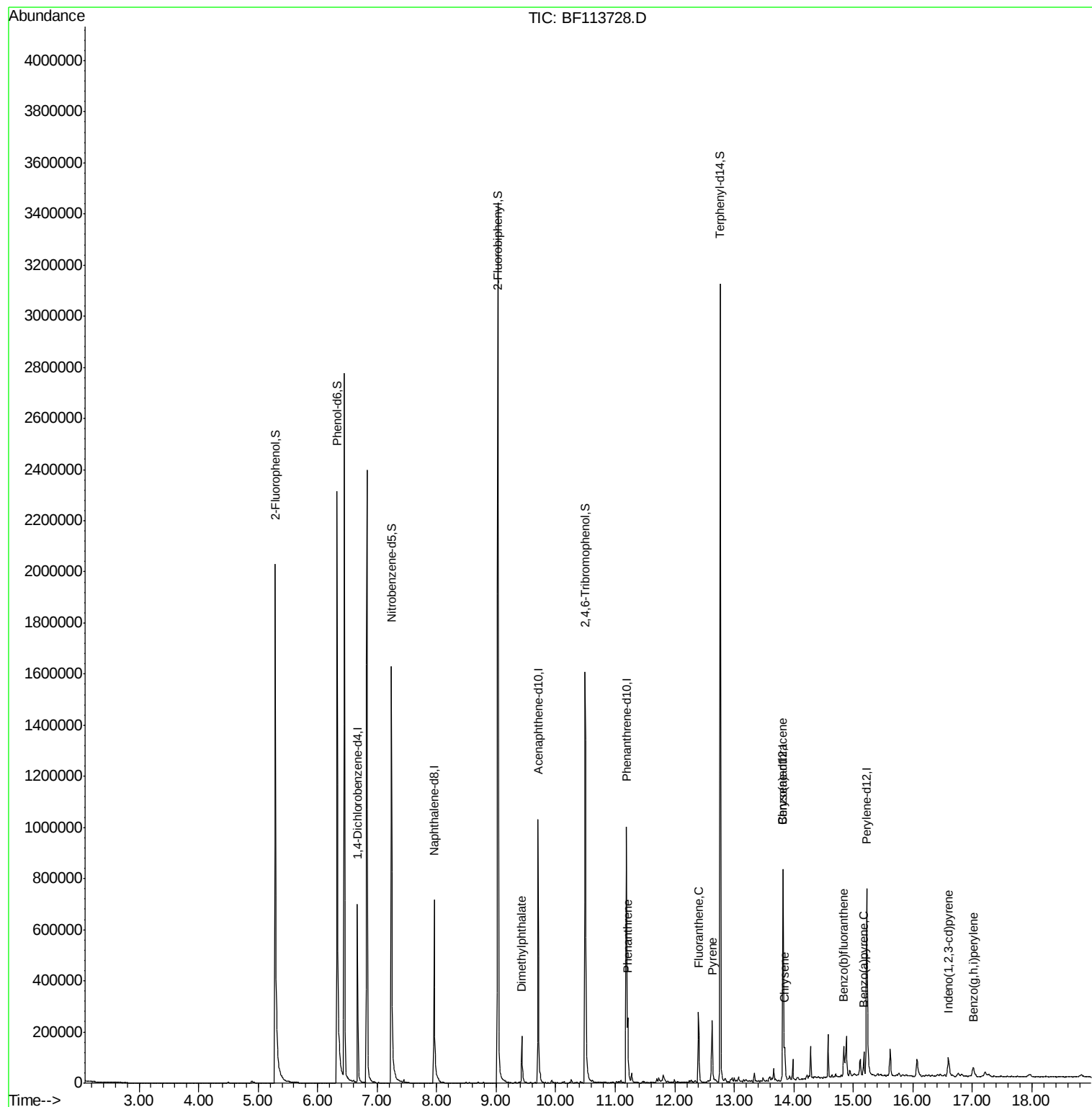
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
Data File : BF113728.D
Acq On : 11 Apr 2019 19:00
Operator : JU/SJ
Sample : K2343-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

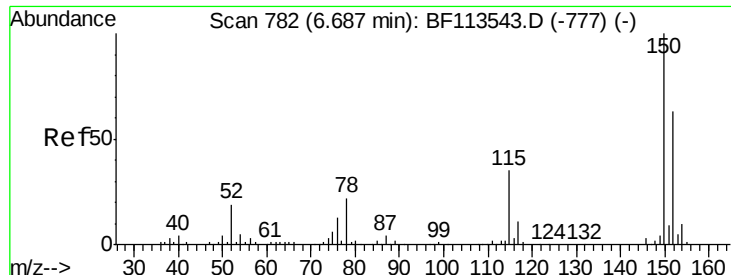
Instrument :
BNA_F
ClientSampleId :
TP-7-S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

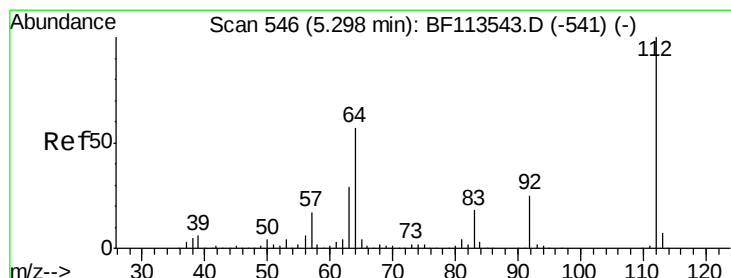
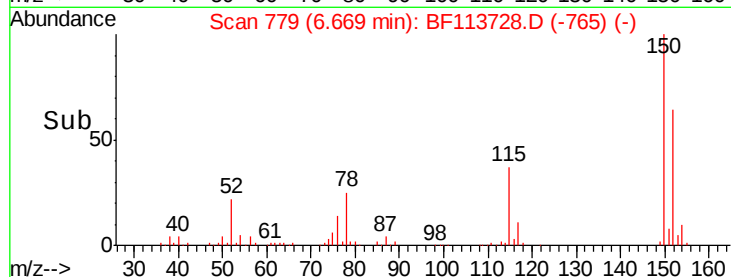
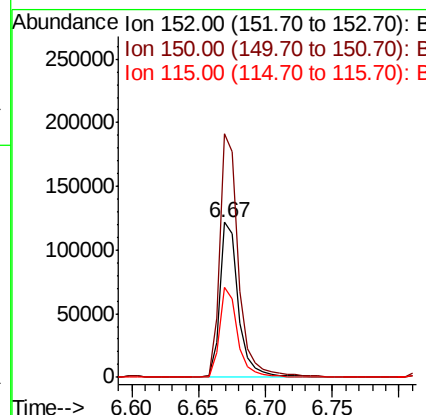
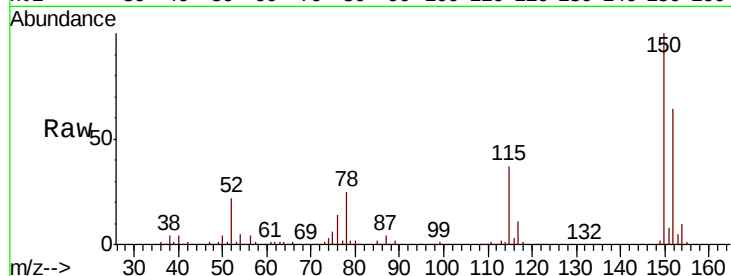
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF113728.D
 Acq: 11 Apr 2019 19:00

Instrument :
 BNA_F
 ClientSampled :
 TP-7-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.7	187.1
115	58.3	46.0	69.0

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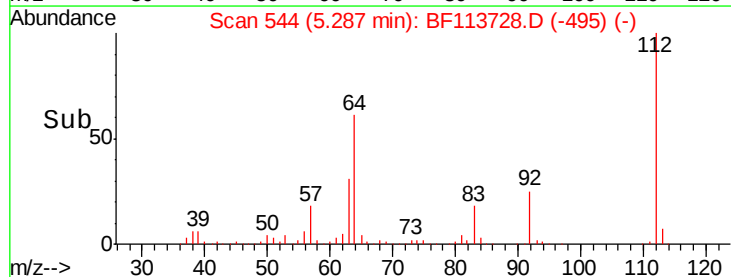
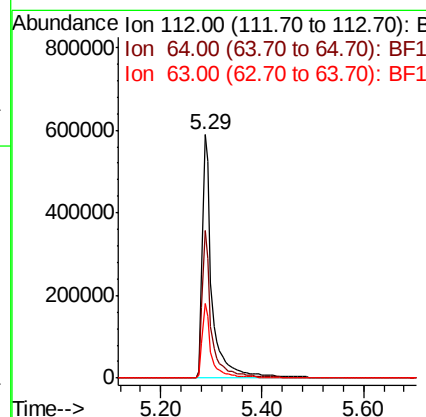
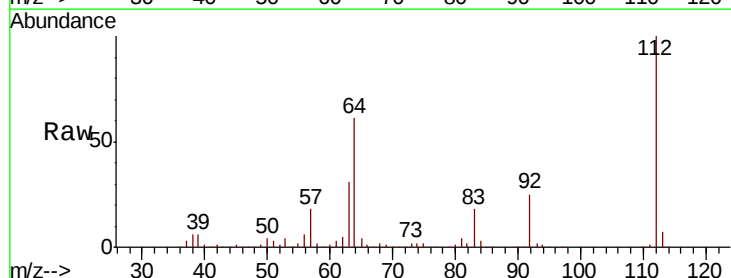
Sohil
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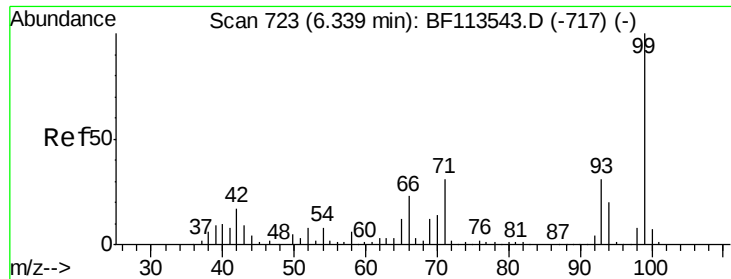


#5

2-Fluorophenol
 Concen: 112.744 ng
 RT: 5.29 min Scan# 544
 Delta R.T. -0.01 min
 Lab File: BF113728.D
 Acq: 11 Apr 2019 19:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	49.2	73.8
63	30.7	24.9	37.3





#7

Phenol-d6

Concen: 119.315 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113728.D

Acq: 11 Apr 2019 19:00

Instrument :

BNA_F

ClientSampled :

TP-7-S

Tot Ion: 99 Resp: 1041895

Ion Ratio Lower Upper

99 100

42 18.4 14.8 22.2

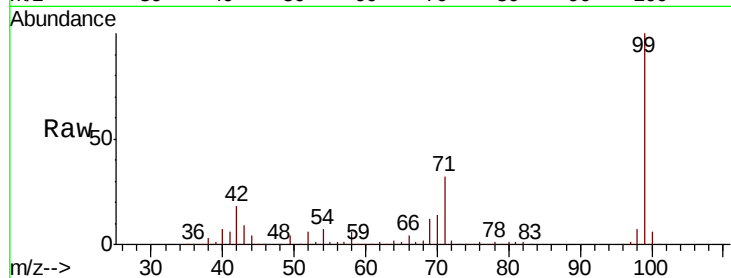
71 31.5 24.9 37.3

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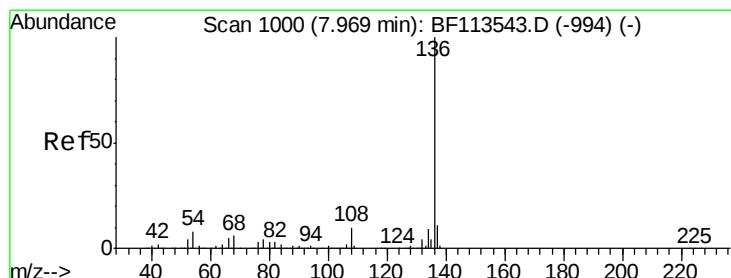
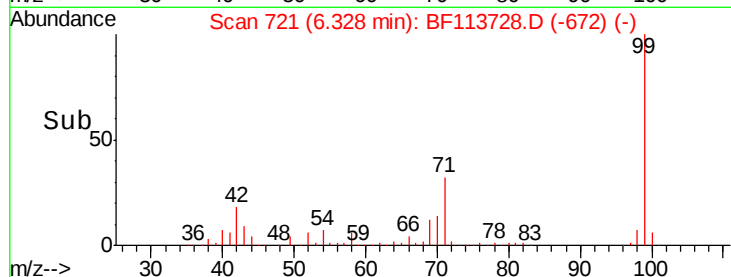
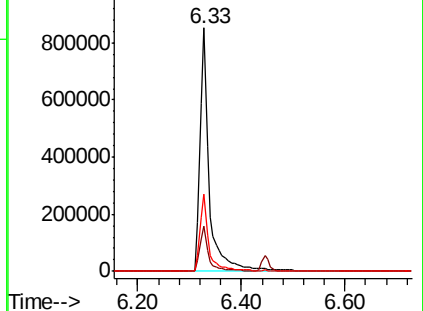
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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# 998

Delta R.T. -0.01 min

Lab File: BF113728.D

Acq: 11 Apr 2019 19:00

Tgt Ion: 136 Resp: 467710

Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.3 7.0 10.6

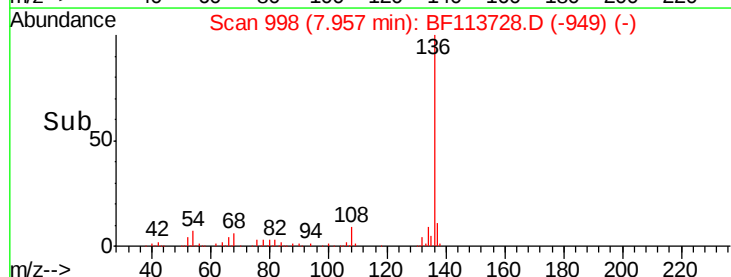
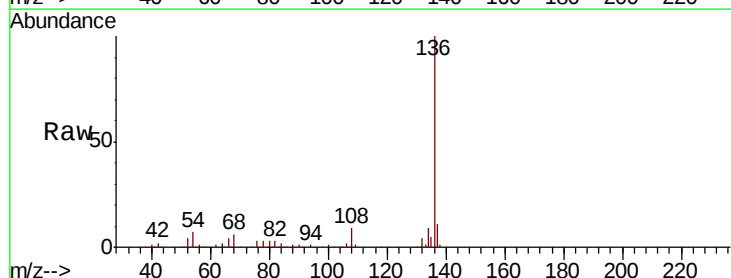
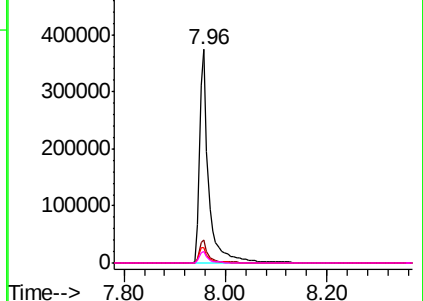
68 5.5 4.8 7.2

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





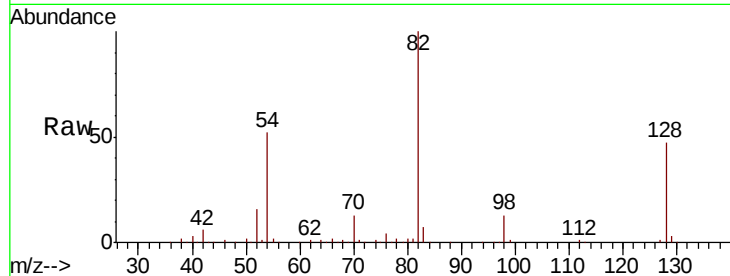
#23
Nitrobenzene-d5
Concen: 76.213 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampled :
TP-7-S

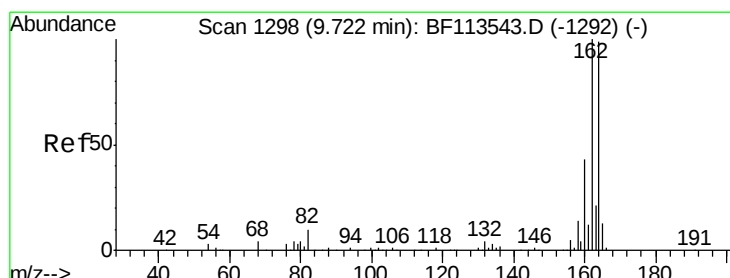
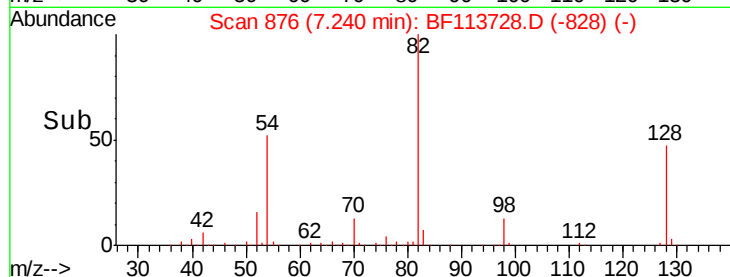
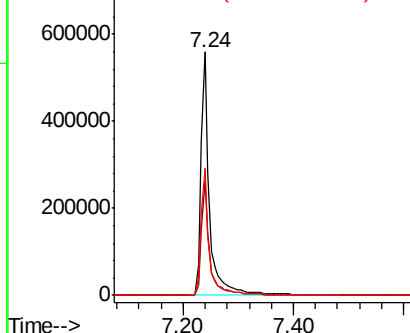
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.5	54.7
54	52.2	42.2	63.2

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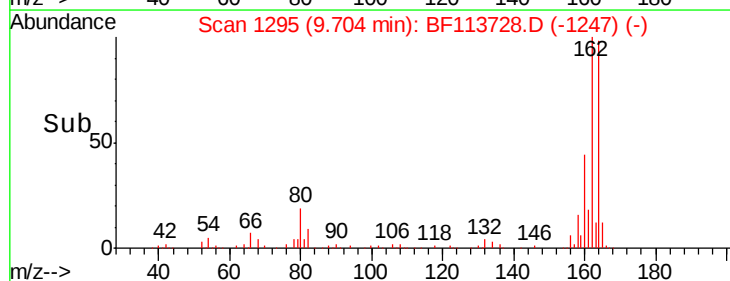
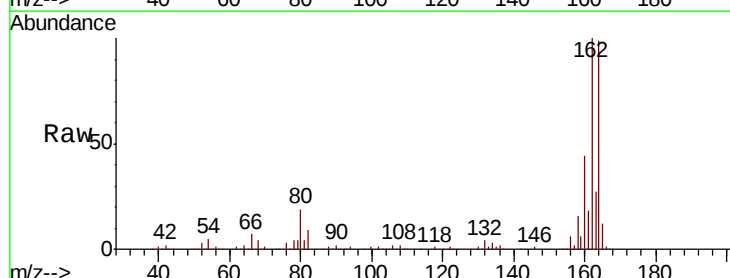
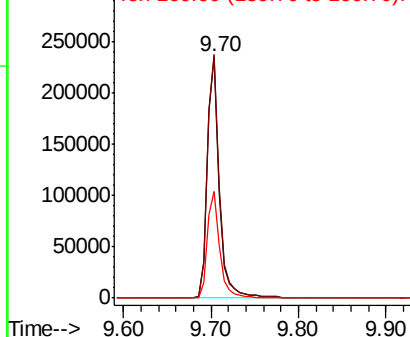
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

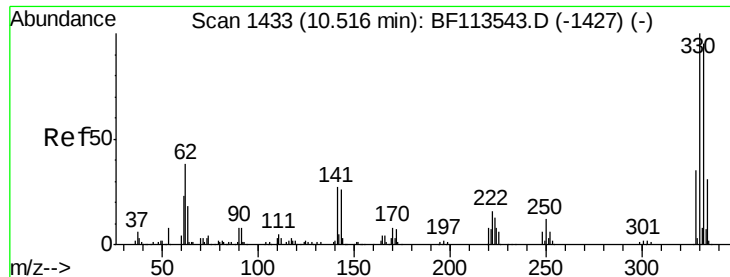


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.8	122.6
160	44.2	36.4	54.6

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





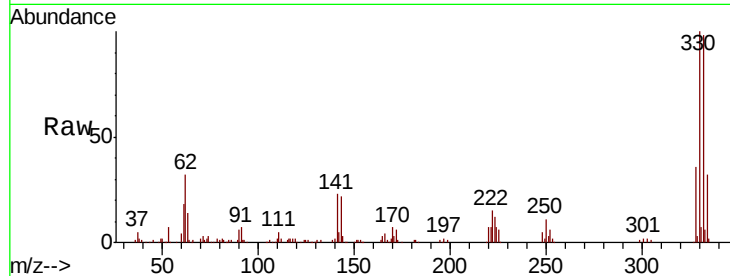
#42
 2,4,6-Tribromophenol
 Concen: 98.364 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113728.D
 Acq: 11 Apr 2019 19:00

Instrument :
 BNA_F
 ClientSampled :
 TP-7-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.8	116.6
141	27.8	22.7	34.1

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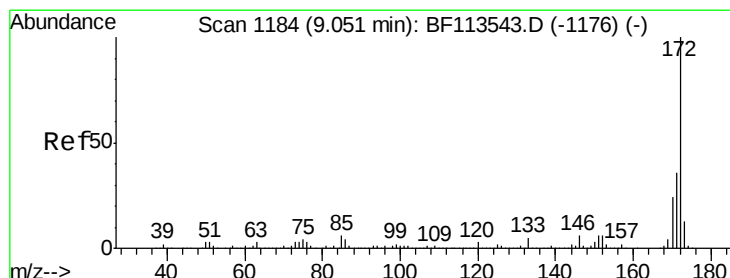
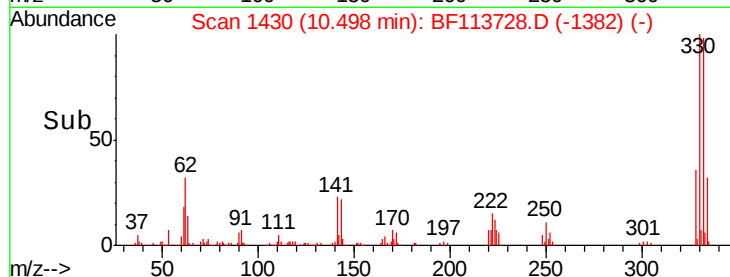
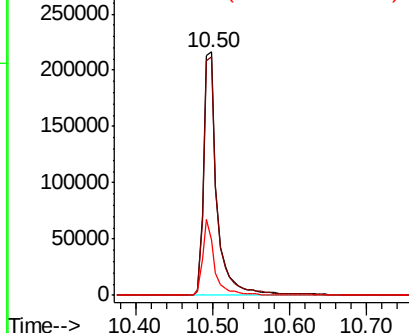


Abundance

Ion 329.80 (329.50 to 330.50): E

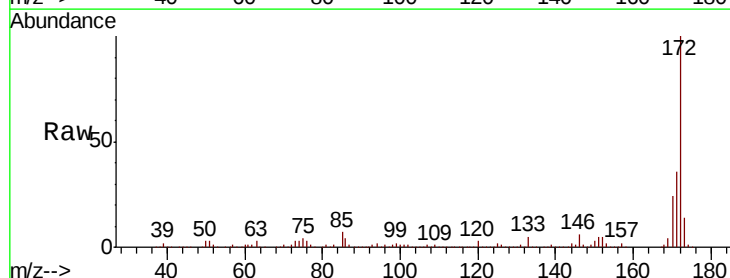
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 84.195 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113728.D
 Acq: 11 Apr 2019 19:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.3	19.5	29.3

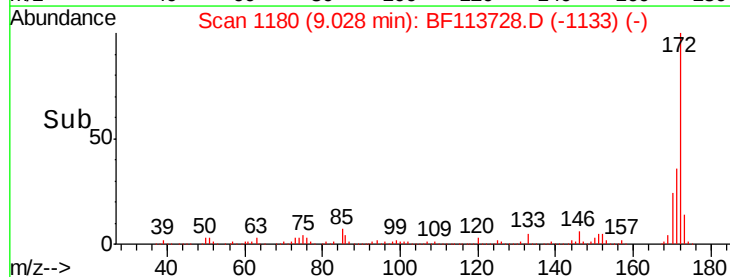
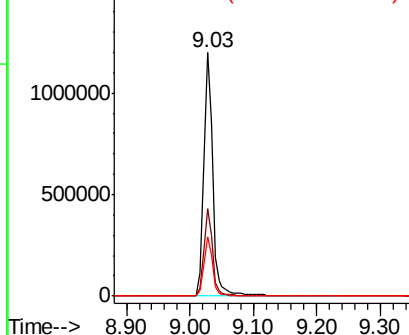


Abundance

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: 6.413 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BF113728.D

Acq: 11 Apr 2019 19:00

Instrument :

BNA_F

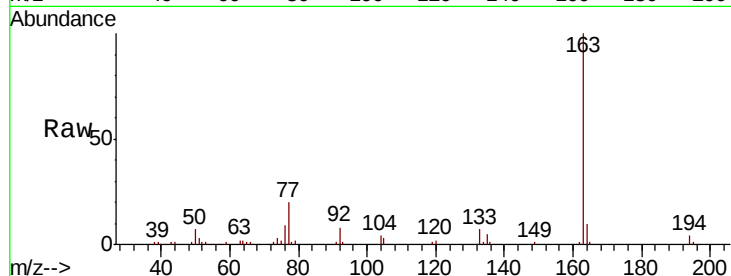
ClientSampleId :

TP-7-S

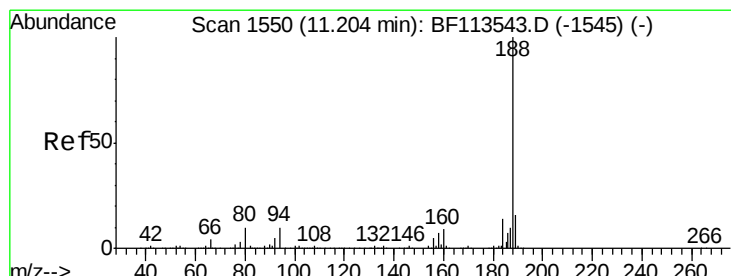
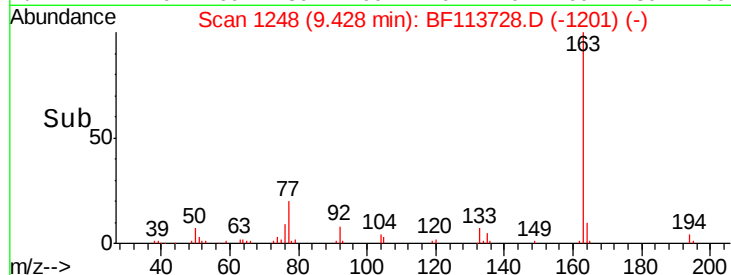
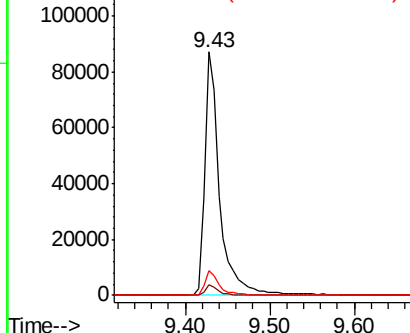
Tot Ion:	163	Resp:	106150
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.0	4.6
164	10.2	8.1	12.1

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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

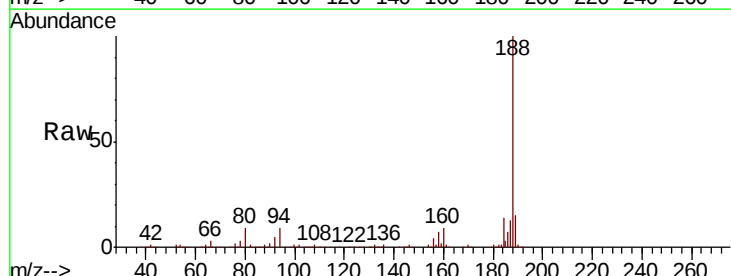
RT: 11.19 min Scan# 1547

Delta R.T. -0.02 min

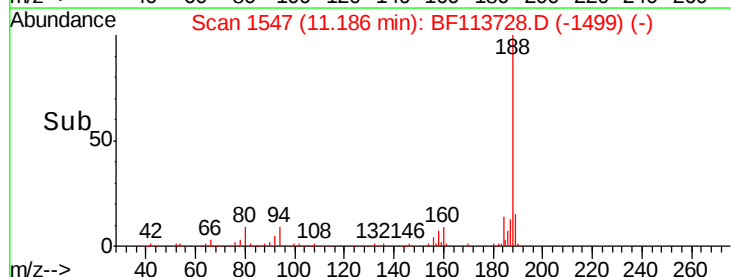
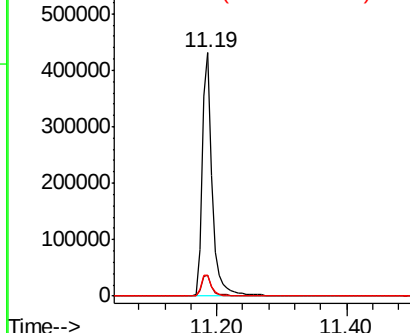
Lab File: BF113728.D

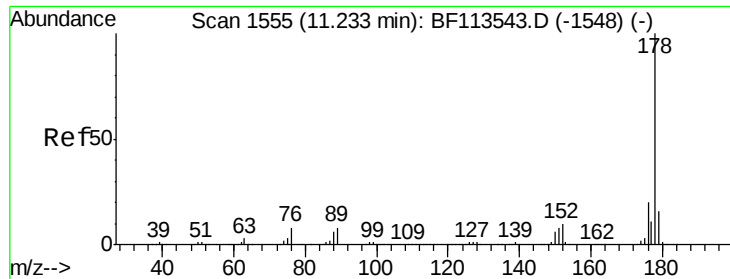
Acq: 11 Apr 2019 19:00

Tgt Ion:	188	Resp:	455593
Ion Ratio	Lower	Upper	
188	100		
94	8.6	7.0	10.6
80	8.7	7.7	11.5



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





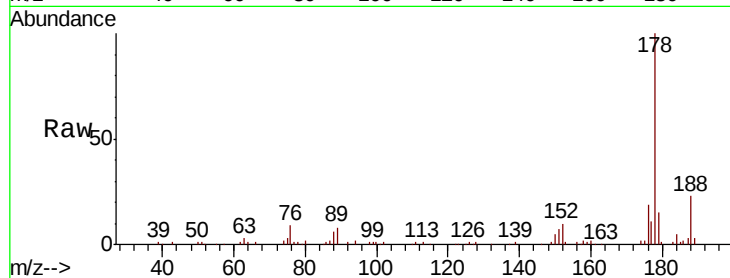
#71
Phenanthrene
Concen: 4.547 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :
TP-7-S

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.2
179	14.7	12.7	19.1

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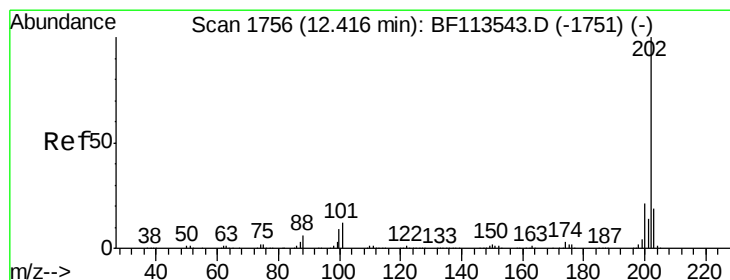
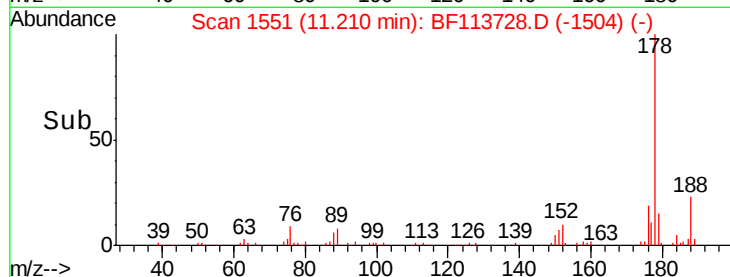
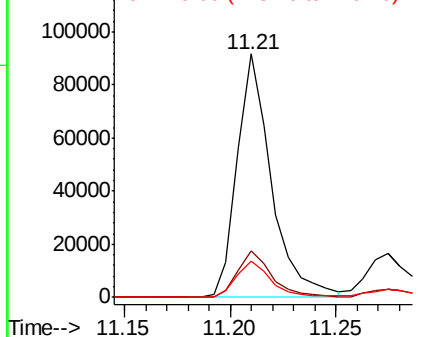


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 5.678 ng
RT: 12.40 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

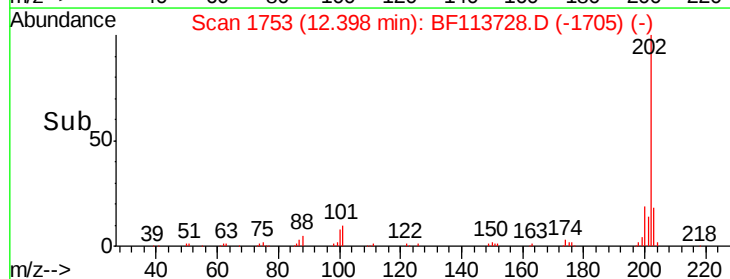
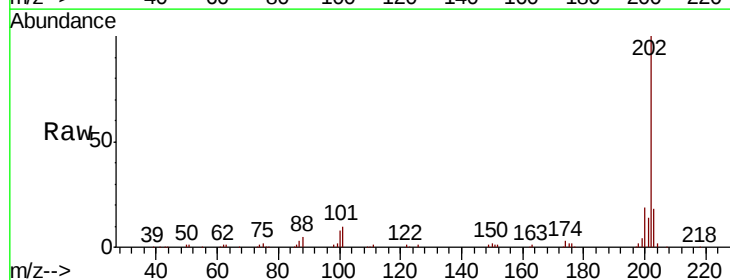
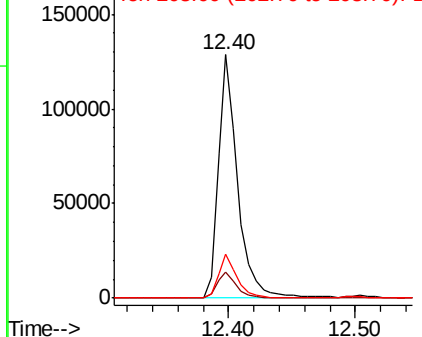
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.4
203	17.8	0.0	38.0

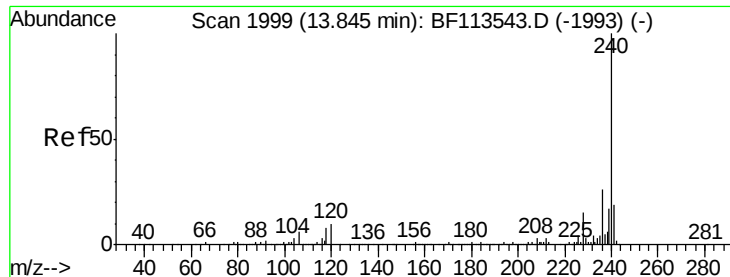
Abundance

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: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF113728.D

Acq: 11 Apr 2019 19:00

Instrument :

BNA_F

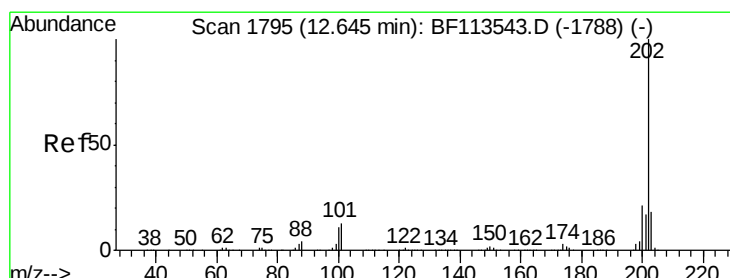
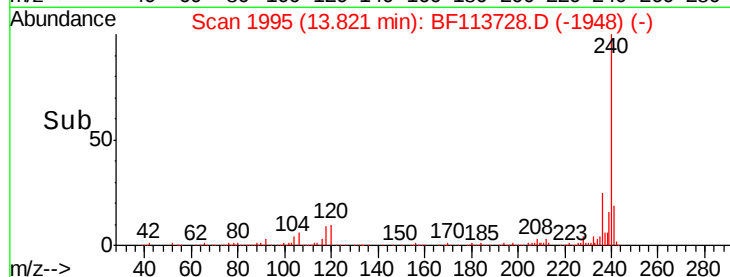
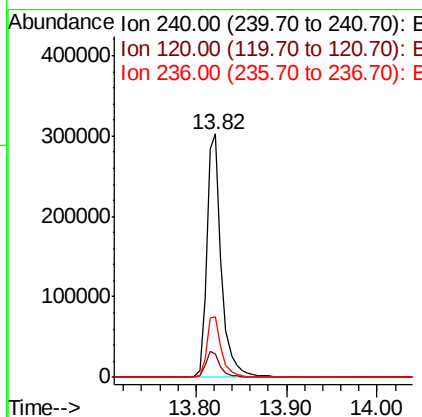
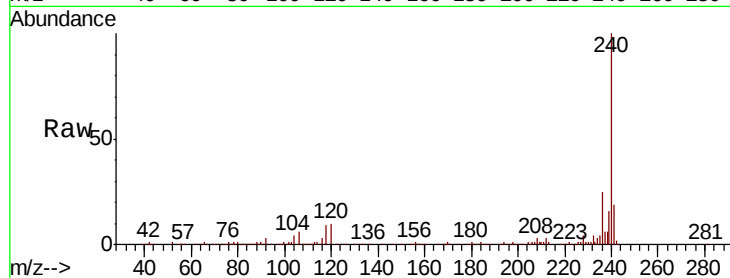
ClientSampleId :

TP-7-S

Tot Ion:	240	Resp:	341667
Ion Ratio	Lower	Upper	
240	100		
120	9.6	8.8	13.2
236	25.1	20.9	31.3

Manual Integrations
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#78

Pyrene

Concen: 4.646 ng

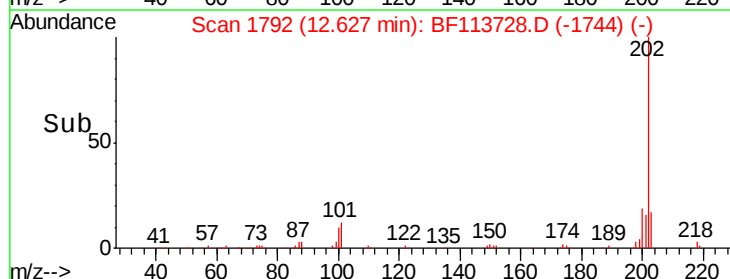
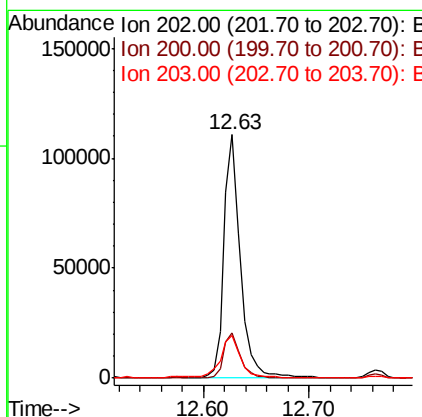
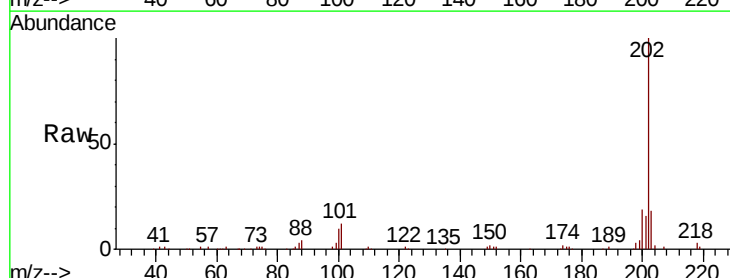
RT: 12.63 min Scan# 1792

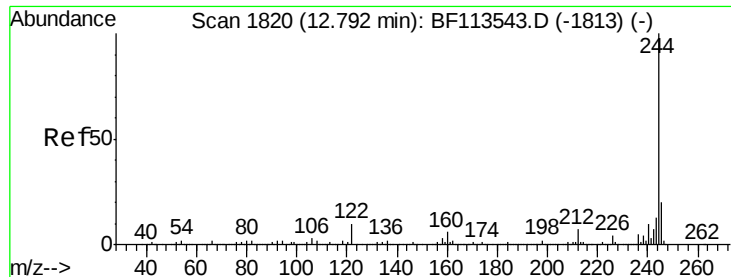
Delta R.T. -0.02 min

Lab File: BF113728.D

Acq: 11 Apr 2019 19:00

Tgt Ion:	202	Resp:	120789
Ion Ratio	Lower	Upper	
202	100		
200	18.5	16.8	25.2
203	17.5	14.4	21.6





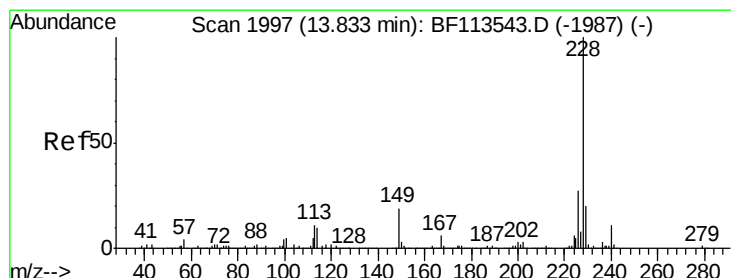
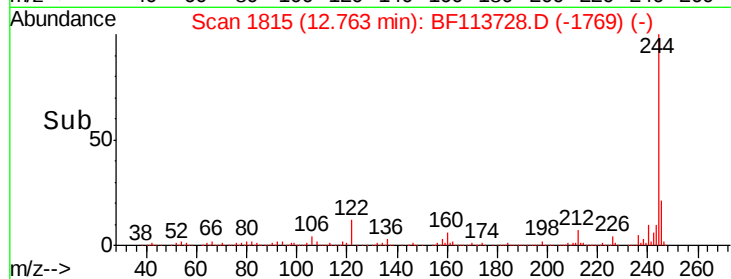
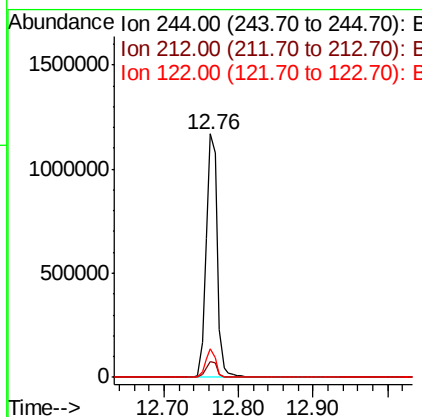
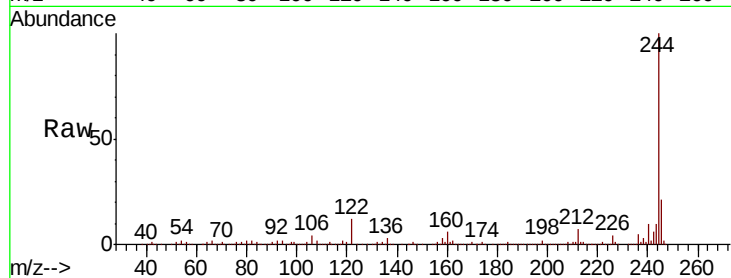
#79
 Terphenyl-d14
 Concen: 72.556 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. -0.03 min
 Lab File: BF113728.D
 Acq: 11 Apr 2019 19:00

Instrument :
 BNA_F
 ClientSampled :
 TP-7-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.5	8.3
122	11.7	8.6	13.0

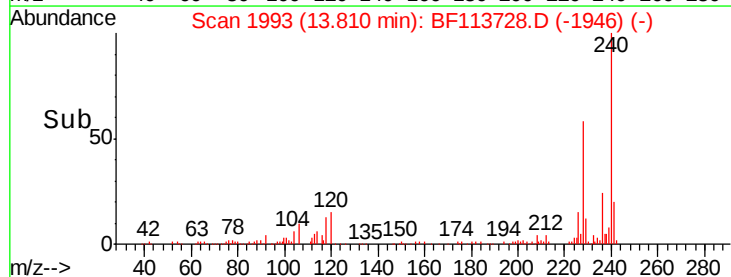
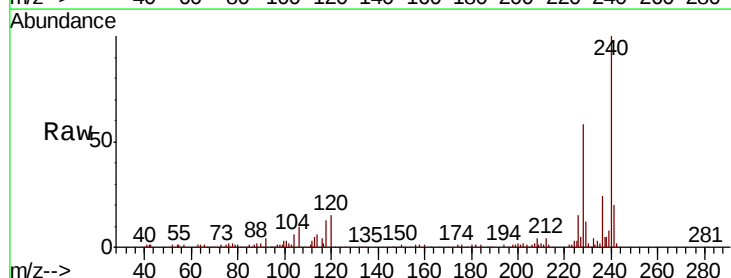
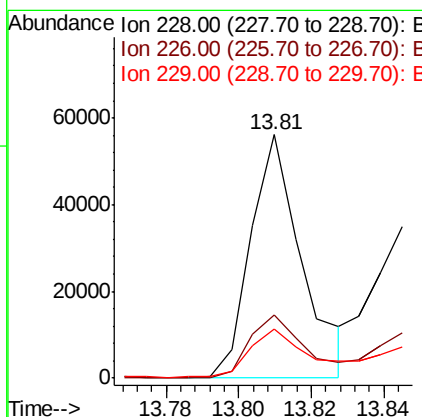
Manual Integrations
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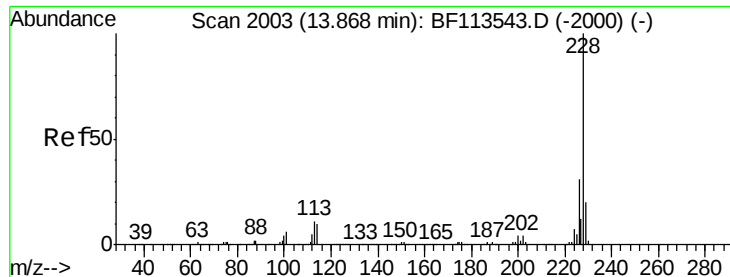
Sohil
 4/12/2019 2:29:02 PM



#81
 Benzo(a)anthracene
 Concen: 2.789 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF113728.D
 Acq: 11 Apr 2019 19:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.8	32.8
229	20.4	16.2	24.4





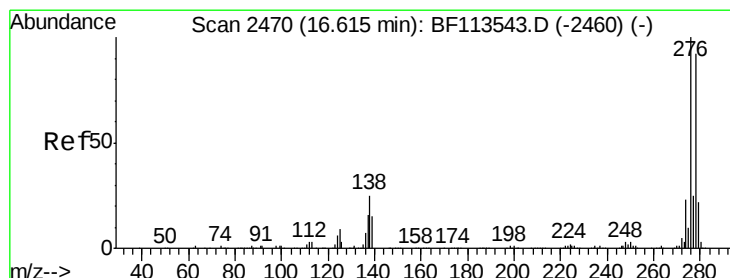
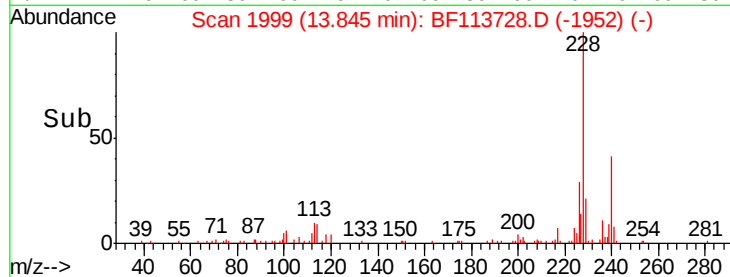
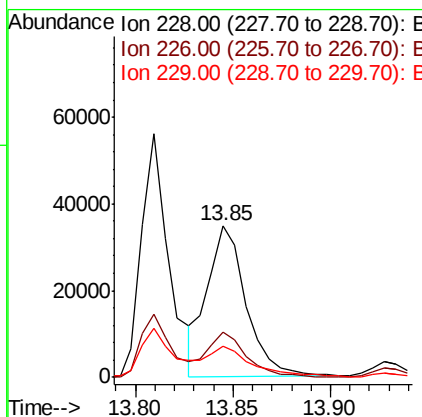
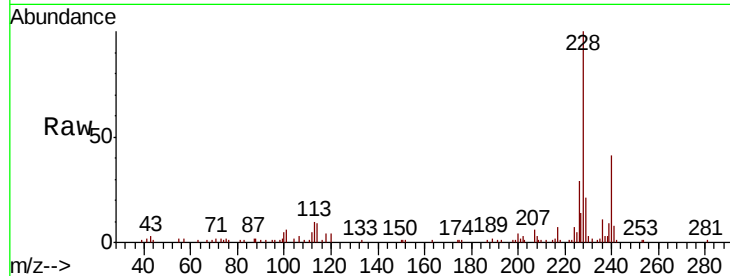
#83
Chrysene
Concen: 2.419 ng
RT: 13.85 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :
TP-7-S

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.3	36.5
229	20.8	16.3	24.5

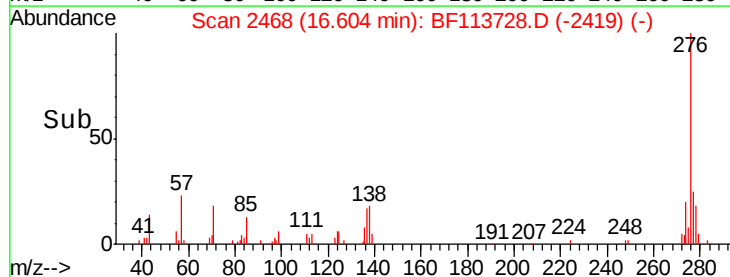
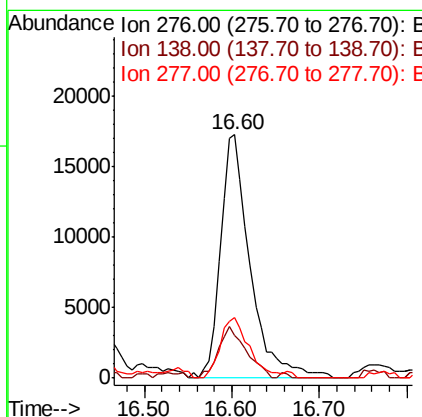
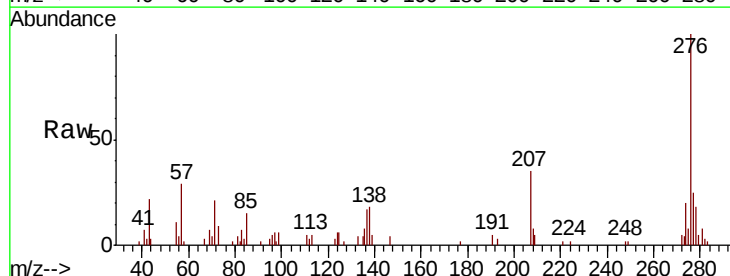
Manual Integrations
APPROVED

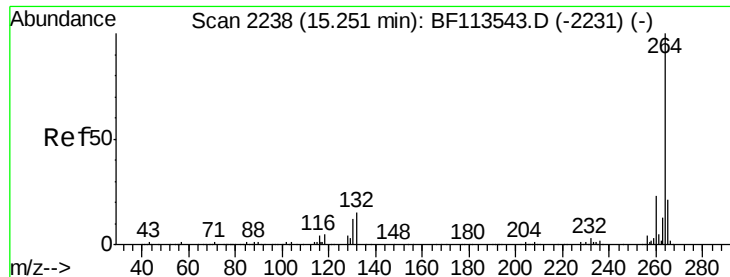
Sohil
4/12/2019 2:29:02 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 2.182 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.9	18.1	27.1
277	24.1	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.02 min

Lab File: BF113728.D

Acq: 11 Apr 2019 19:00

Instrument :

BNA_F

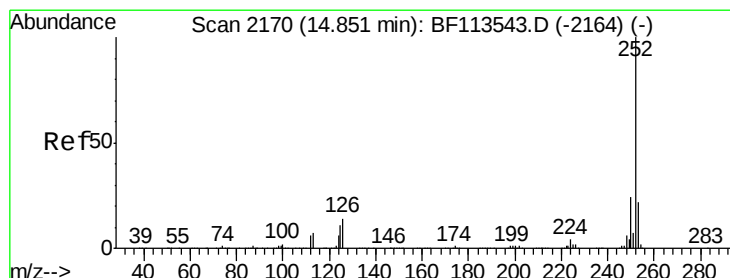
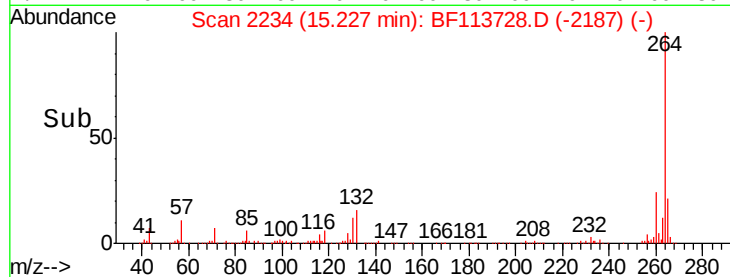
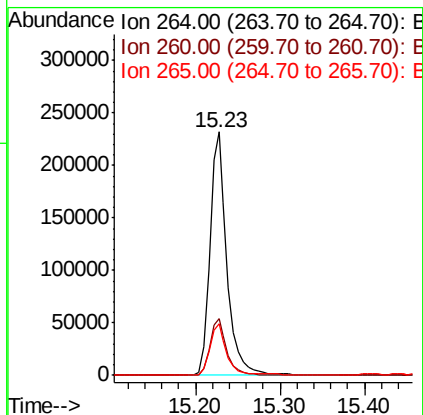
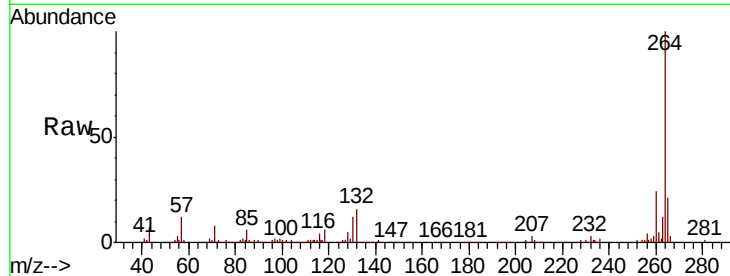
ClientSampleId :

TP-7-S

Tot Ion:	264	Resp:	327079
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.1	28.7
265	21.0	17.1	25.7

Manual Integrations
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4/12/2019 2:29:02 PM



#88

Benzo(b)fluoranthene

Concen: 3.455 ng m

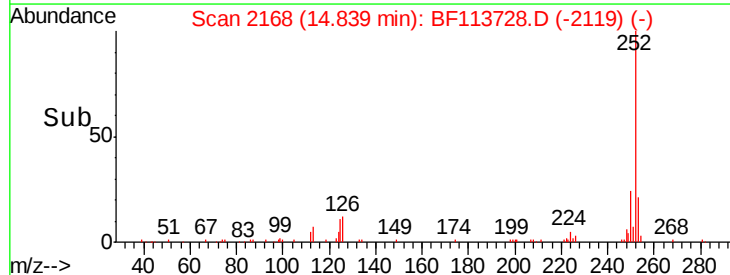
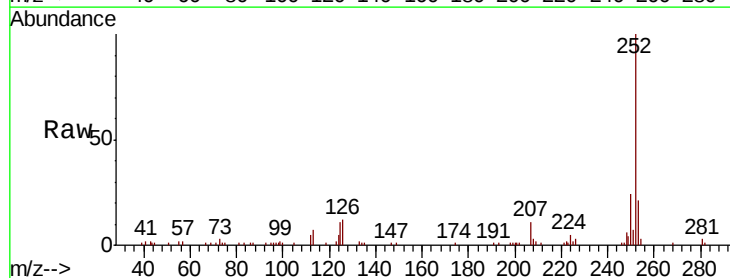
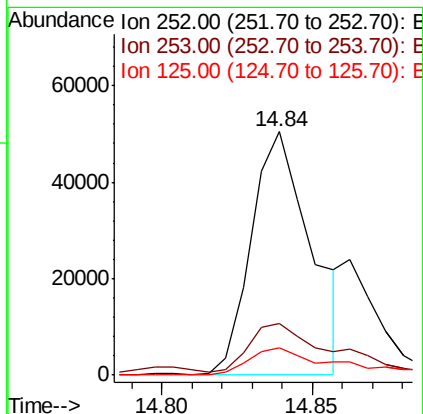
RT: 14.84 min Scan# 2168

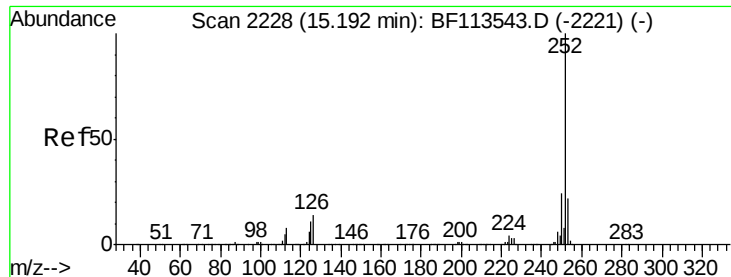
Delta R.T. -0.01 min

Lab File: BF113728.D

Acq: 11 Apr 2019 19:00

Tgt Ion:	252	Resp:	69165
Ion Ratio	Lower	Upper	
252	100		
253	21.0	18.0	27.0
125	11.2	7.6	11.4





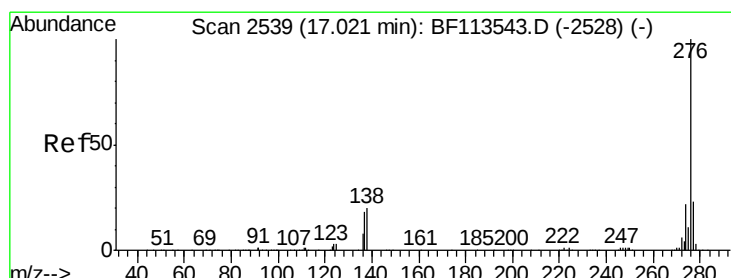
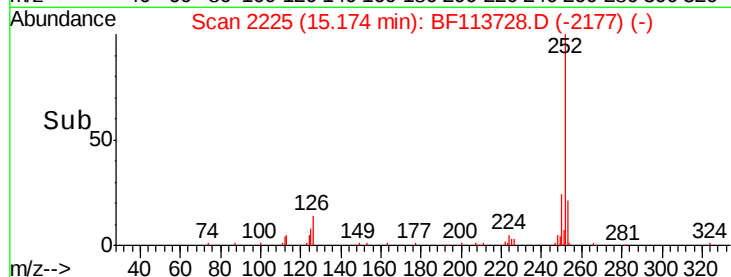
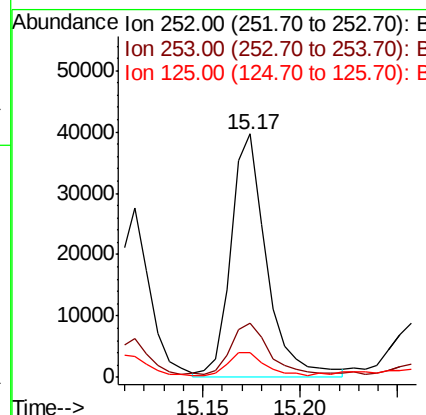
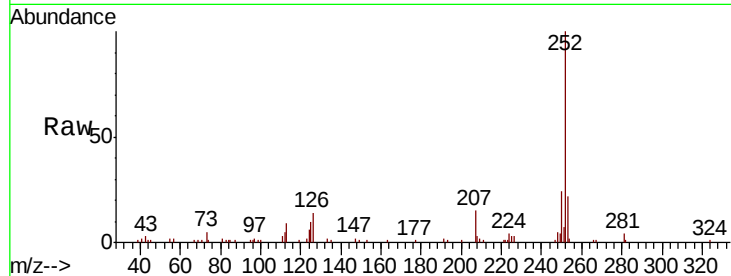
#90
Benzo(a)pyrene
Concen: 2.840 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampled :
TP-7-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	10.1	8.8	13.2

Manual Integrations
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Sohil
4/12/2019 2:29:02 PM



#92
Benzo(g,h,i)perylene
Concen: 2.294 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.8	28.2
138	21.7	15.6	23.4

