

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111563.D
 Acq On : 18 Dec 2018 2:26
 Operator : JU/SJ
 Sample : J6403-49
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-A

Manual Integrations
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 12/18/2018 12:49:55 PM

Quant Time: Dec 18 07:16:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	134898	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	522542	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	335221	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	503763	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	364060	20.00	ng	0.00
87) Perylene-d12	15.39	264	315518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	790968	97.57	ng	0.00
7) Phenol-d6	6.44	99	1033031	95.80	ng	0.00
23) Nitrobenzene-d5	7.35	82	559780	63.79	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	245630	81.80	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1417907	65.33	ng	-0.01
79) Terphenyl-d14	12.89	244	958204	61.81	ng	0.00
Target Compounds						
10) Phenol	6.45	94	49559	4.126	ng	85
50) Dimethylphthalate	9.54	163	186782	7.737	ng	98
71) Phenanthrene	11.33	178	100265	3.863	ng	93
75) Fluoranthene	12.52	202	167518	6.597	ng	99
78) Pyrene	12.74	202	160808	6.265	ng	94
81) Benzo(a)anthracene	13.93	228	91466	4.621	ng	99
83) Chrysene	13.97	228	91581	4.392	ng	97
86) Indeno(1,2,3-cd)pyrene	16.79	276	33421	2.221	ng	96
88) Benzo(b)fluoranthene	14.97	252	106803m	5.806	ng	
89) Benzo(k)fluoranthene	14.99	252	36565m	2.080	ng	
90) Benzo(a)pyrene	15.32	252	72983	4.400	ng	97
92) Benzo(a,h,i)perylene	17.22	276	34487	2.685	ng	# 89

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

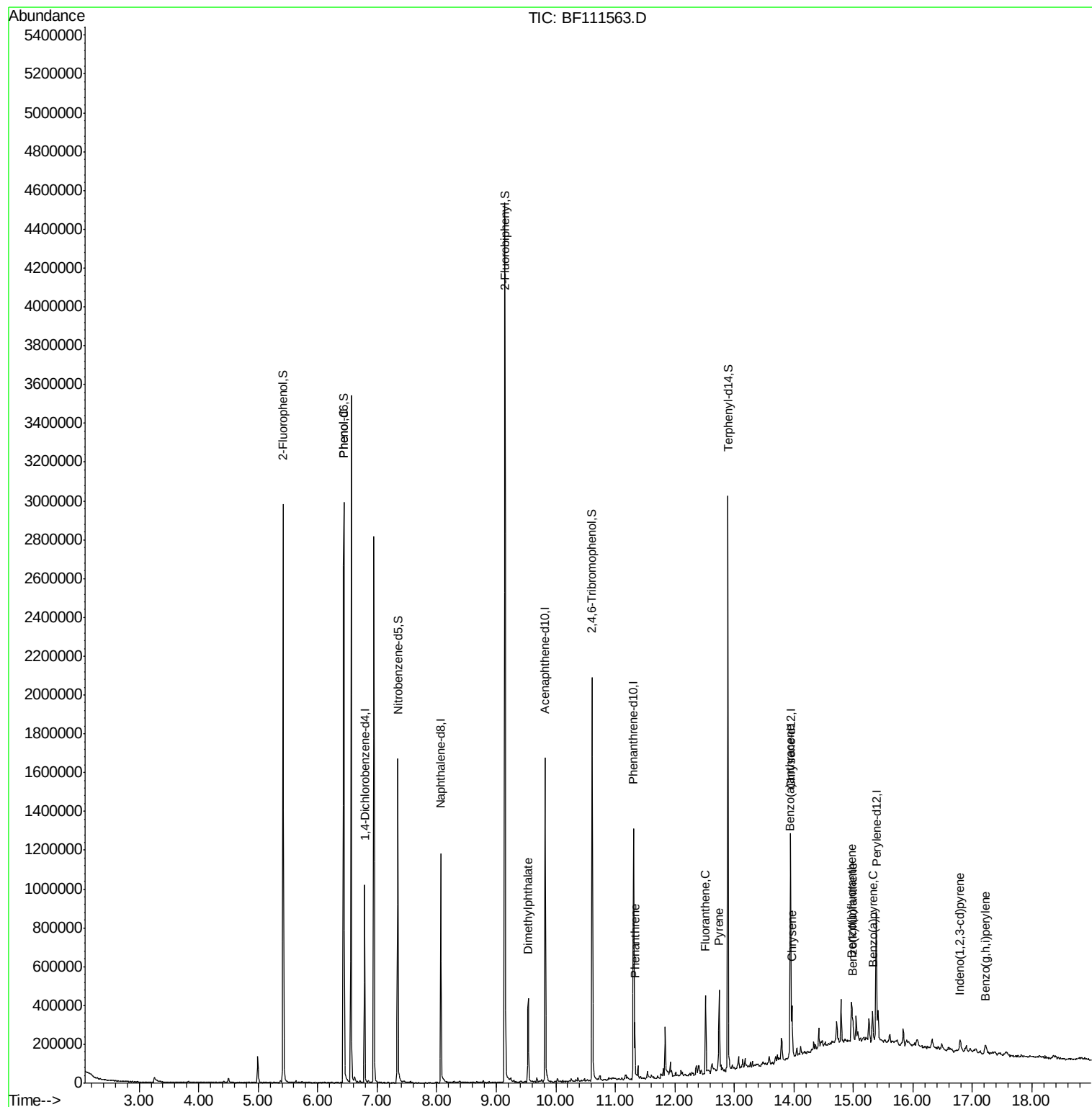
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111563.D
Acq On : 18 Dec 2018 2:26
Operator : JU/SJ
Sample : J6403-49
Misc :
ALS Vial : 24 Sample Multiplier: 1

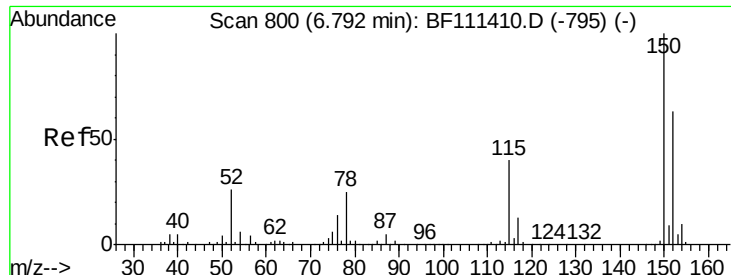
Instrument :
BNA_F
ClientSampleId :
TP-7-A

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
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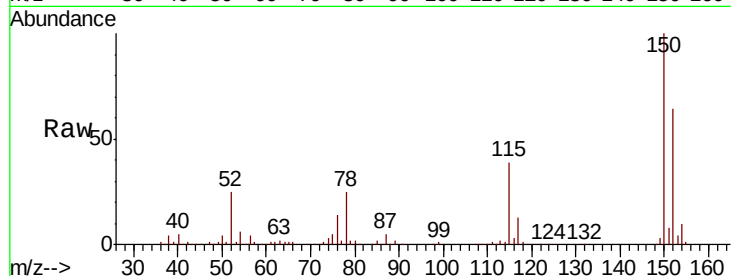
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF111563.D
 Acq: 18 Dec 2018 2:26

Instrument :
 BNA_F
 ClientSampled :
 TP-7-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.6	189.8
115	61.6	50.7	76.1

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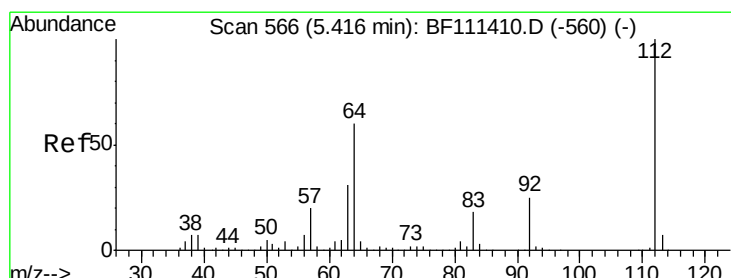
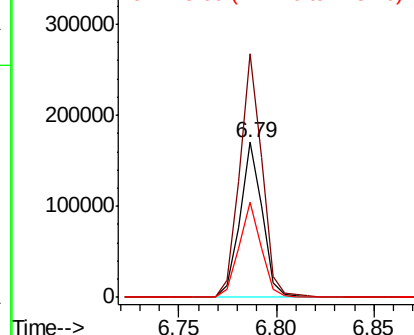
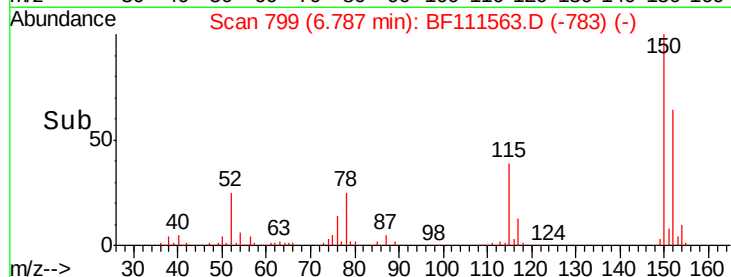


Abundance

Ion 152.00 (151.70 to 152.70): E

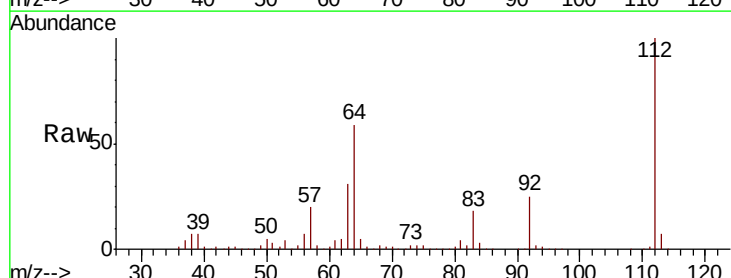
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 97.571 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF111563.D
 Acq: 18 Dec 2018 2:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	51.8	77.6
63	31.2	26.8	40.2

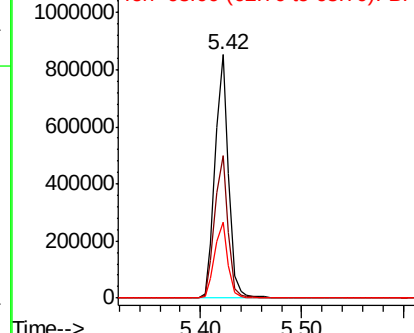
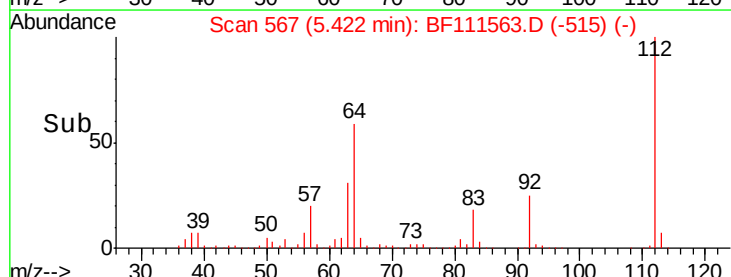


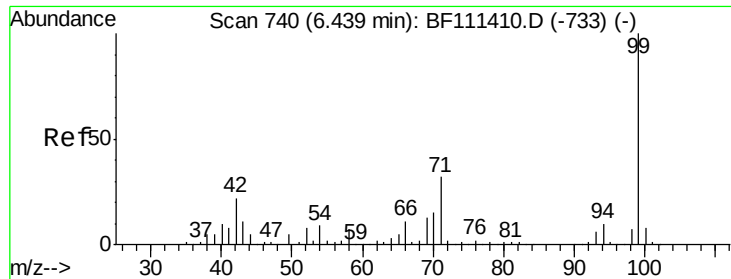
Abundance

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: 95.801 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111563.D

Acq: 18 Dec 2018 2:26

Instrument :

BNA_F

ClientSampled :

TP-7-A

Tot Ion: 99 Resp: 1033031

Ion Ratio Lower Upper

99 100

42 20.1 17.4 26.0

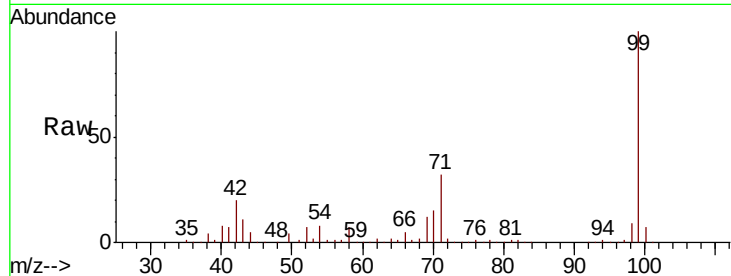
71 31.6 26.1 39.1

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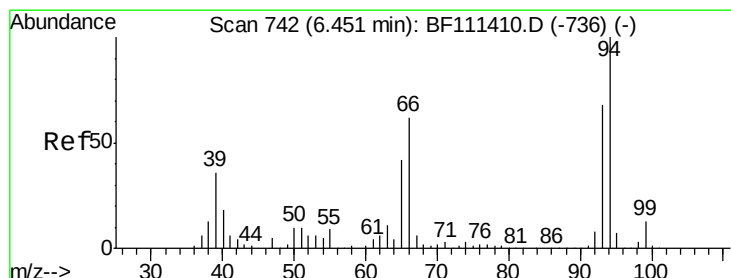
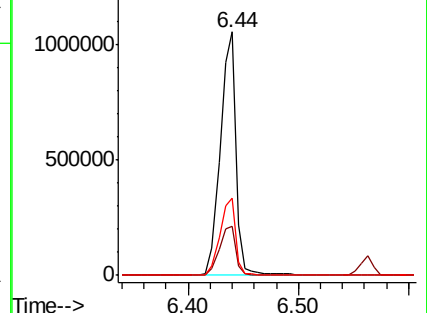
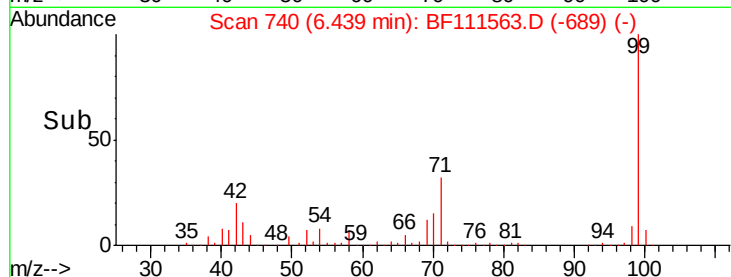
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.126 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111563.D

Acq: 18 Dec 2018 2:26

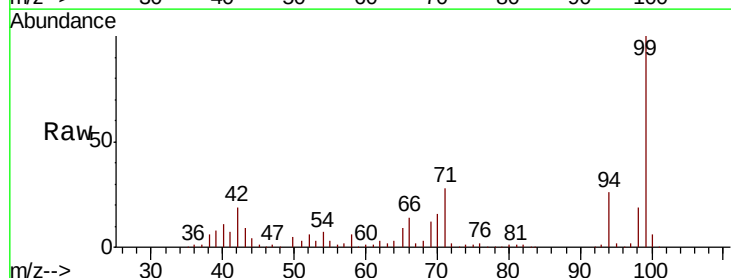
Tgt Ion: 94 Resp: 49559

Ion Ratio Lower Upper

94 100

65 35.1 11.7 51.7

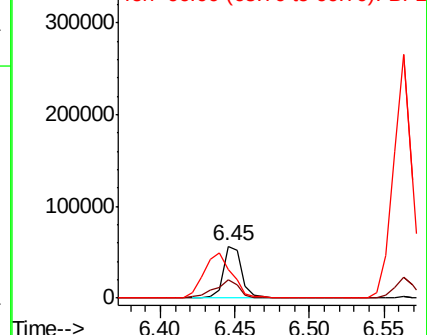
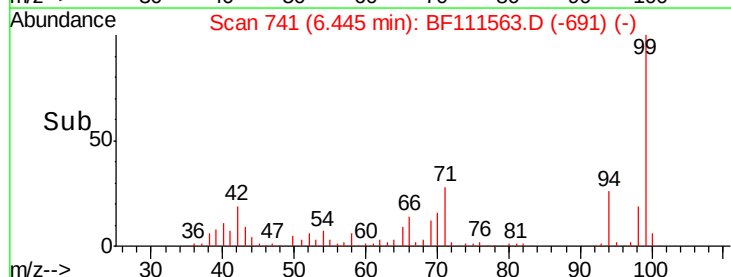
66 54.4 21.0 61.0

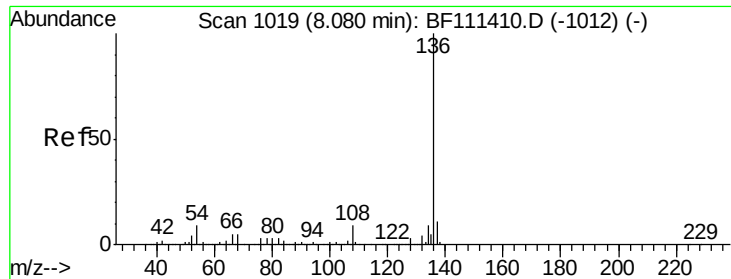


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF111563.D

Acq: 18 Dec 2018 2:26

Instrument :

BNA_F

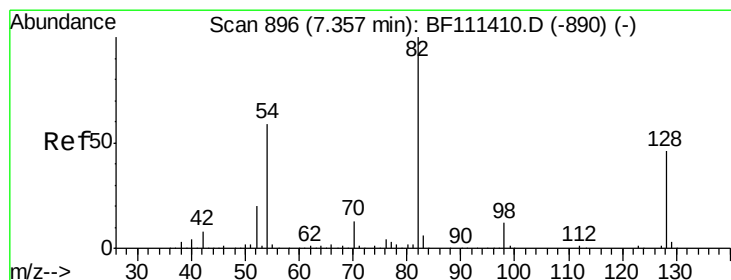
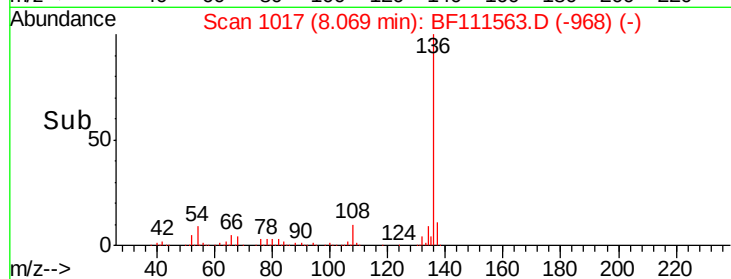
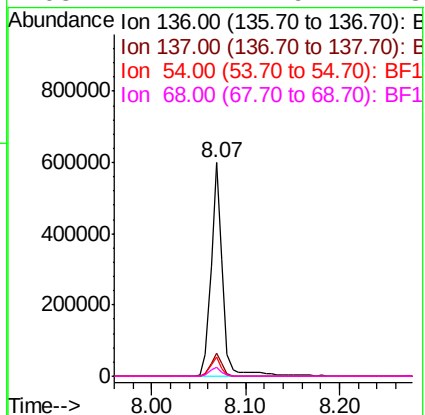
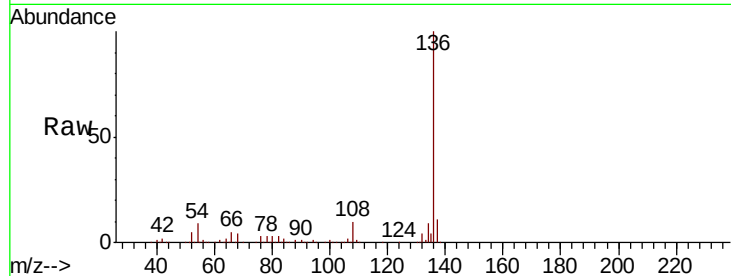
ClientSampleId :

TP-7-A

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	9.0	7.7	11.5
68	4.1	4.9	7.3#

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#23

Nitrobenzene-d5

Concen: 63.792 ng

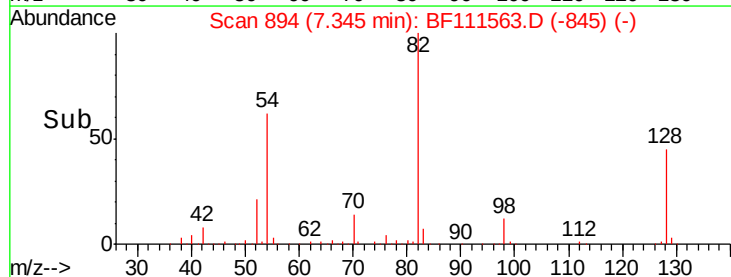
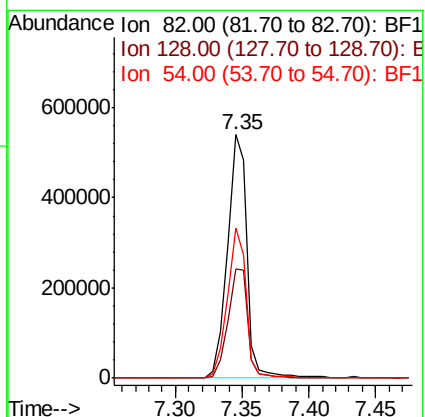
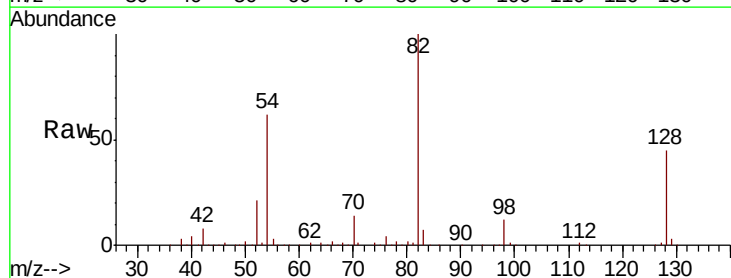
RT: 7.35 min Scan# 894

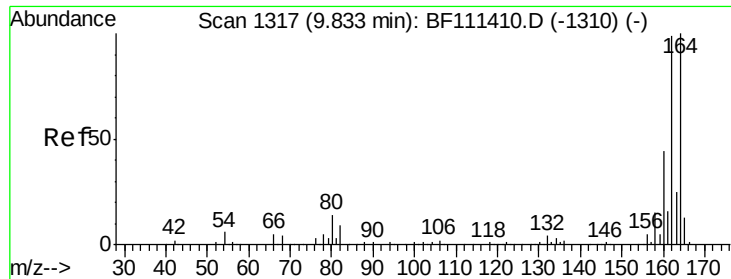
Delta R.T. -0.01 min

Lab File: BF111563.D

Acq: 18 Dec 2018 2:26

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.9	37.4	56.2
54	61.9	47.6	71.4





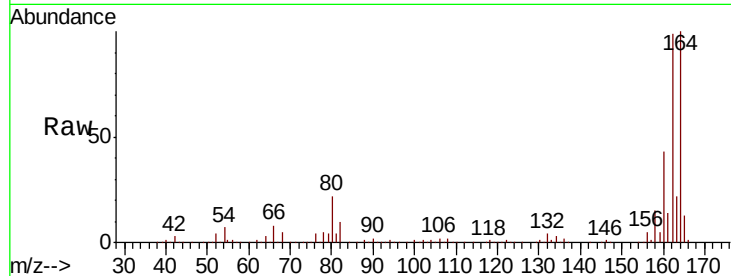
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111563.D
Acq: 18 Dec 2018 2:26

Instrument :
BNA_F
ClientSampleId :
TP-7-A

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.4	122.0
160	43.2	35.7	53.5

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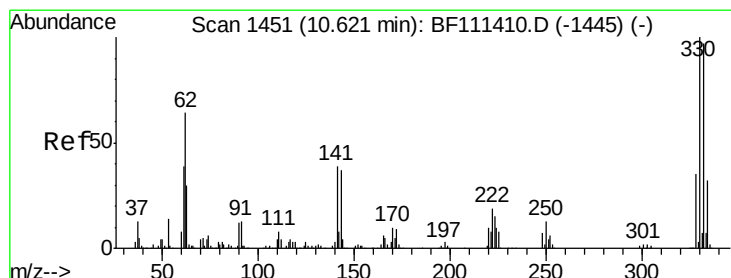
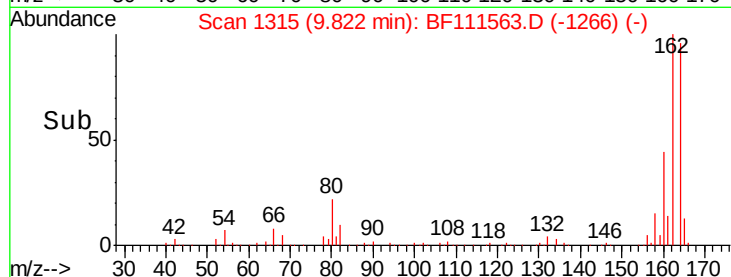
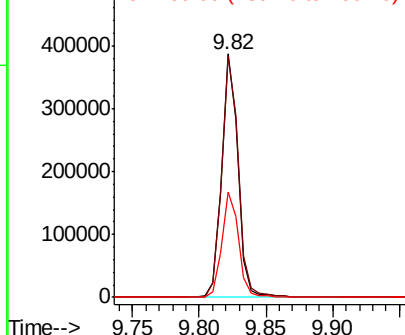


Abundance

Ion 164.00 (163.70 to 164.70): E

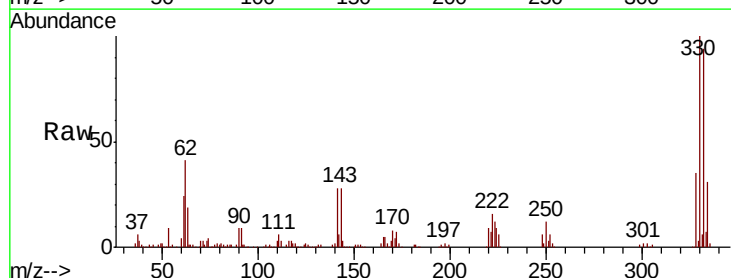
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 81.798 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111563.D
Acq: 18 Dec 2018 2:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.2	76.0	114.0
141	37.1	31.0	46.6

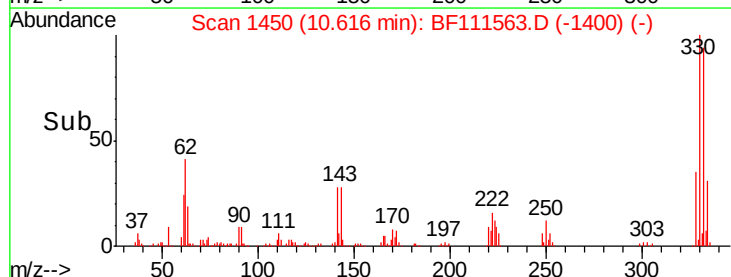
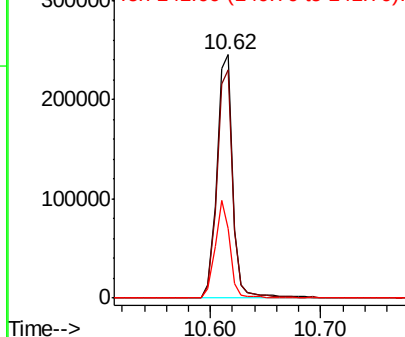


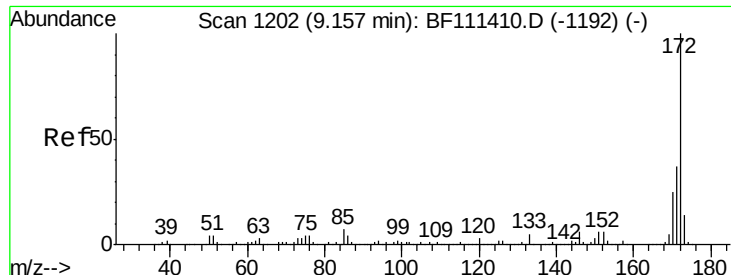
Abundance

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





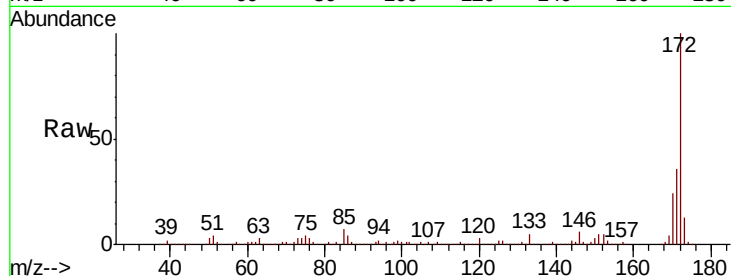
#45
2-Fluorobiphenyl
Concen: 65.335 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF111563.D
Acq: 18 Dec 2018 2:26

Instrument :
BNA_F
ClientSampleId :
TP-7-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	33.0	49.4
170	23.6	22.3	33.5

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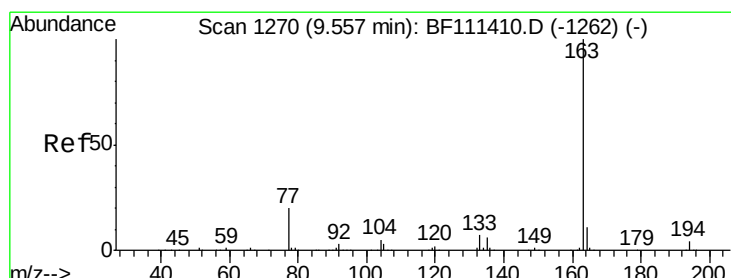
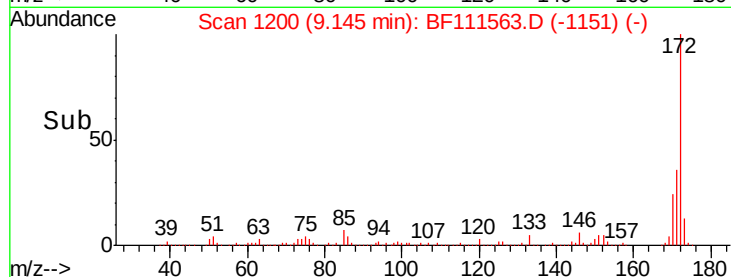
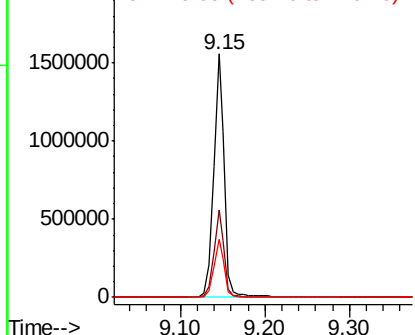


Abundance

Ion 172.00 (171.70 to 172.70): E

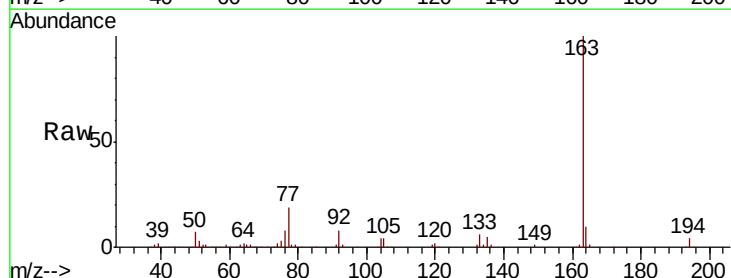
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 7.737 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111563.D
Acq: 18 Dec 2018 2:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.2	8.9	13.3

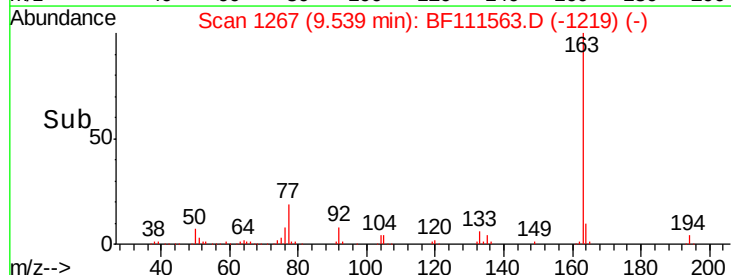
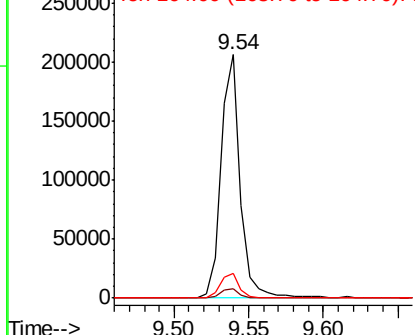


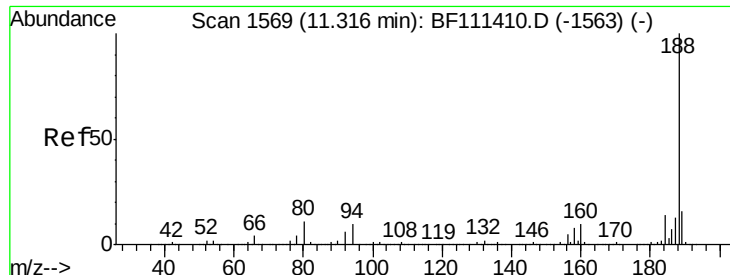
Abundance

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





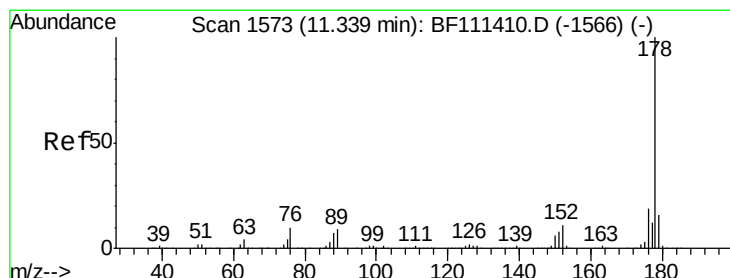
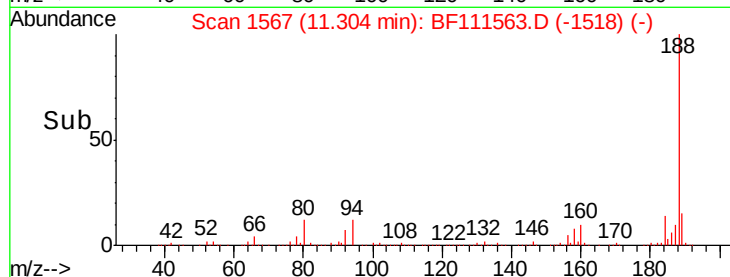
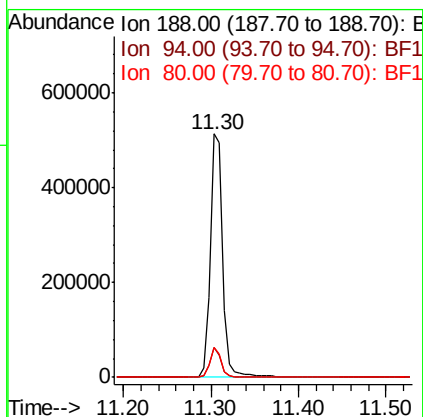
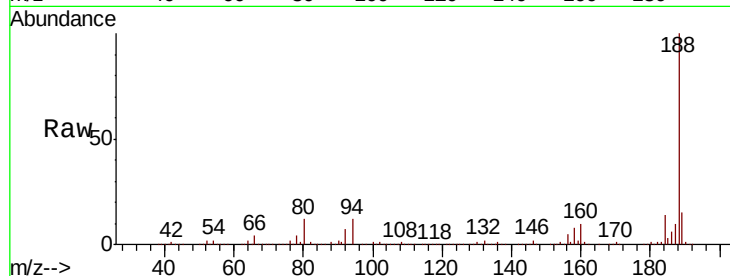
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF111563.D
Acq: 18 Dec 2018 2:26

Instrument :
BNA_F
ClientSampled :
TP-7-A

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.1	9.6	14.4
80	12.4	9.8	14.6

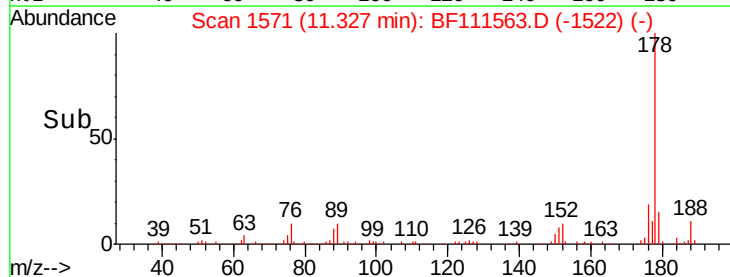
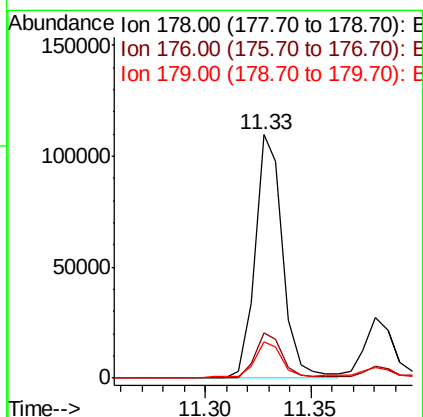
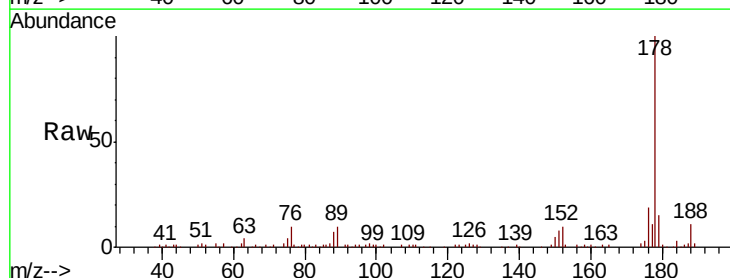
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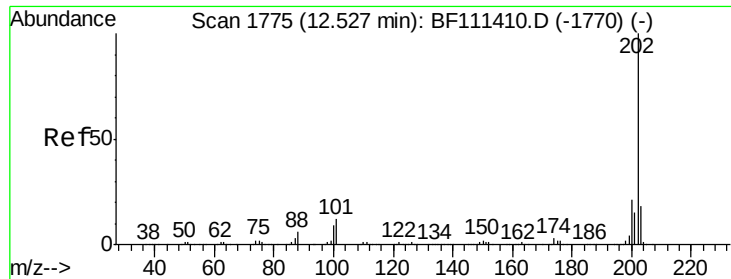
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#71
Phenanthrene
Concen: 3.863 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF111563.D
Acq: 18 Dec 2018 2:26

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.8	18.1	27.1
179	15.0	14.0	21.0





#75

Fluoranthene

Concen: 6.597 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF111563.D

Acq: 18 Dec 2018 2:26

Instrument :

BNA_F

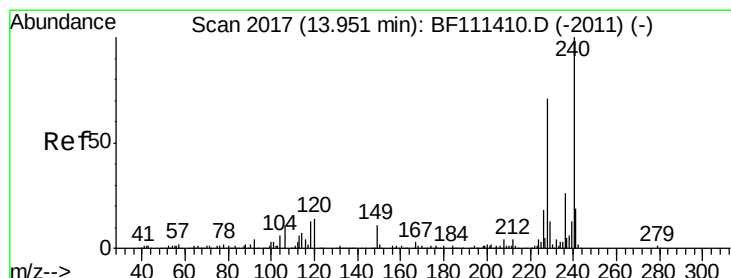
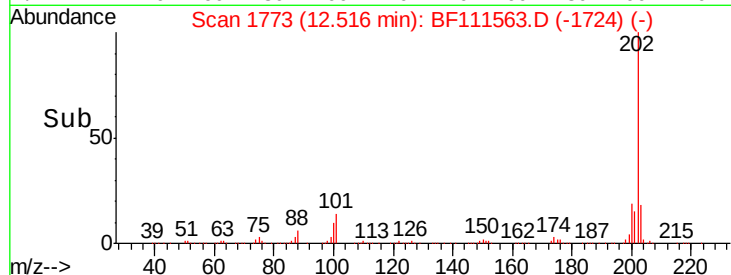
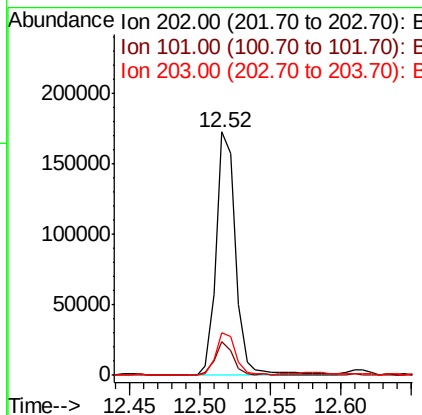
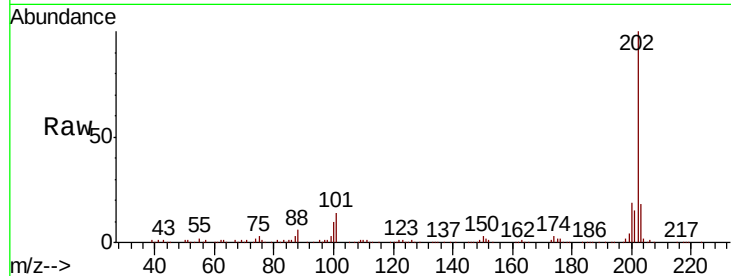
ClientSampleId :

TP-7-A

Tot Ion	Ratio	Resp	Lower	Upper
202	100	167518		
101	13.8	0.0	33.8	
203	17.5	0.0	38.6	

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#76

Chrysene-d12

Concen: 20.000 ng

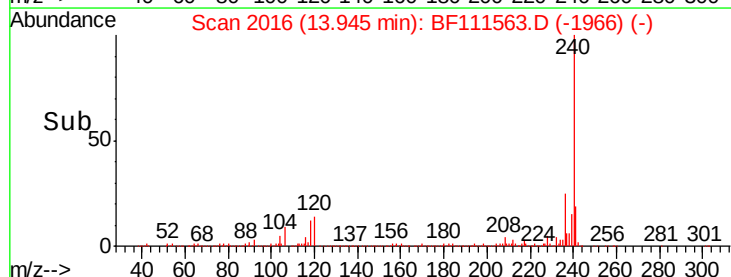
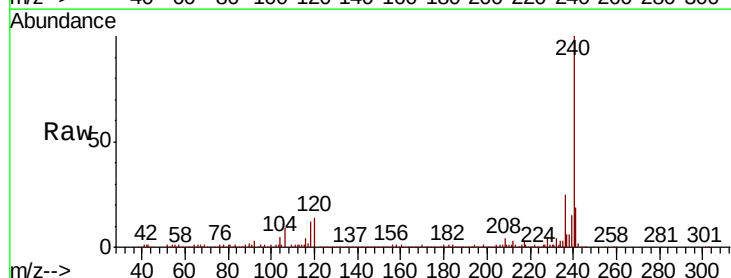
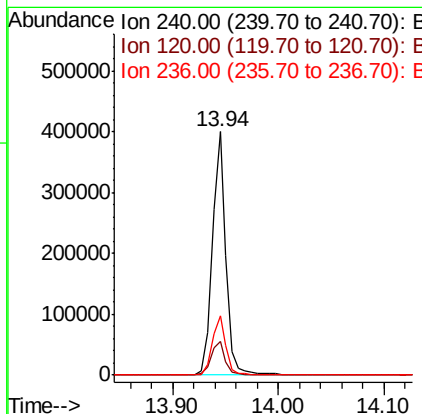
RT: 13.94 min Scan# 2016

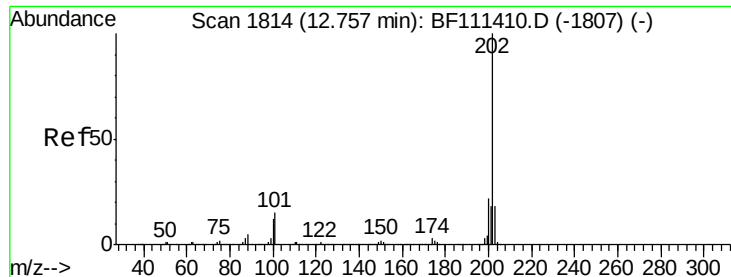
Delta R.T. -0.01 min

Lab File: BF111563.D

Acq: 18 Dec 2018 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	364060		
120	13.6	12.2	18.2	
236	24.6	20.2	30.2	





#78

Pvrene

Concen: 6.265 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF111563.D

Acq: 18 Dec 2018 2:26

Instrument :

BNA_F

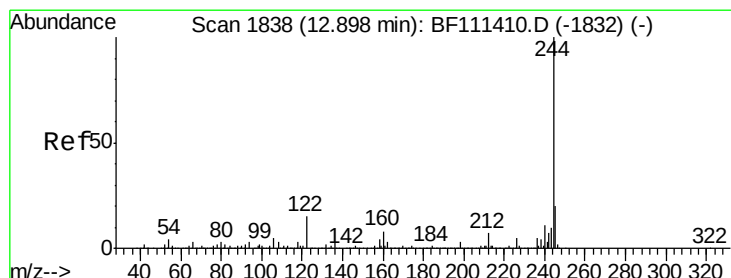
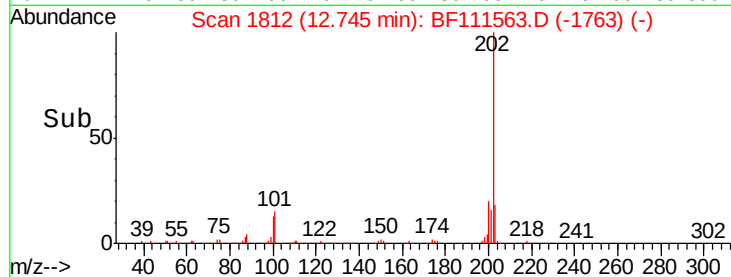
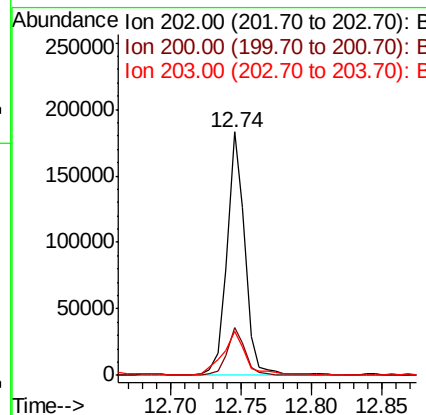
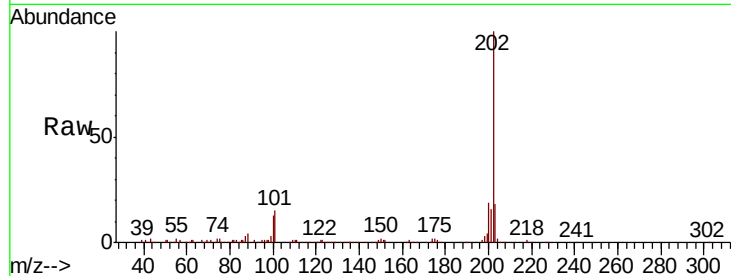
ClientSampled :

TP-7-A

Tot Ion:	202	Resp:	160808
Ion Ratio		Lower	Upper
202	100		
200	19.5	19.0	28.4
203	18.0	15.2	22.8

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#79

Terphenyl-d14

Concen: 61.805 ng

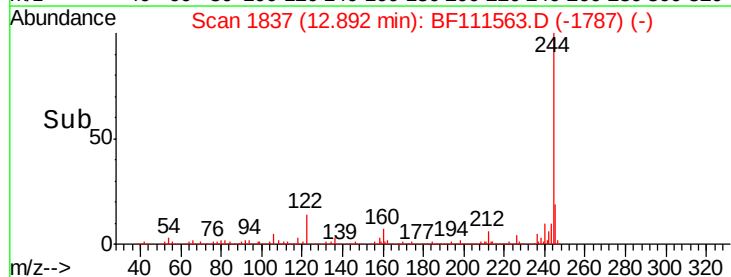
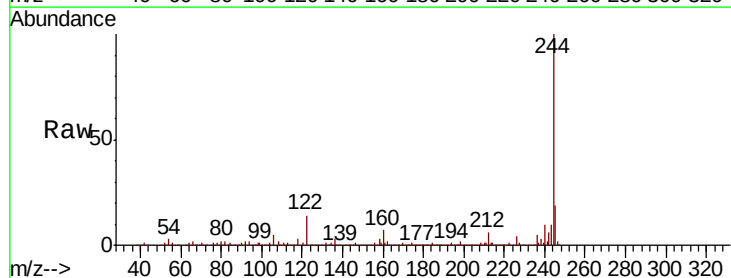
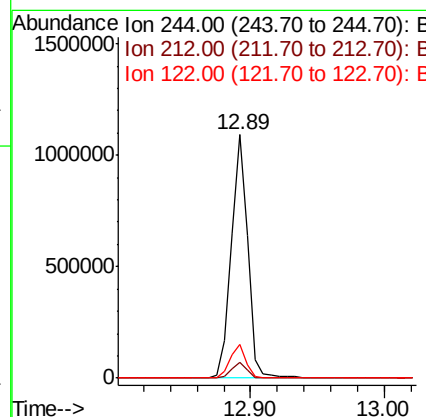
RT: 12.89 min Scan# 1837

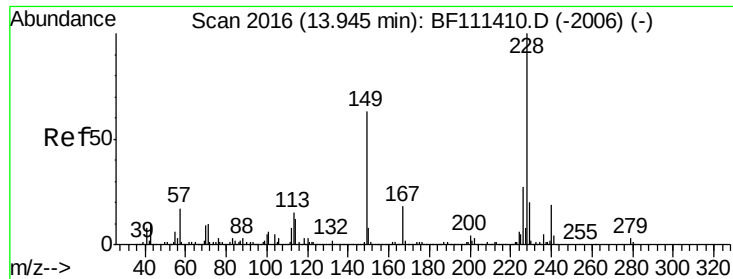
Delta R.T. -0.01 min

Lab File: BF111563.D

Acq: 18 Dec 2018 2:26

Tgt Ion:	244	Resp:	958204
Ion Ratio		Lower	Upper
244	100		
212	6.3	5.7	8.5
122	13.7	13.1	19.7





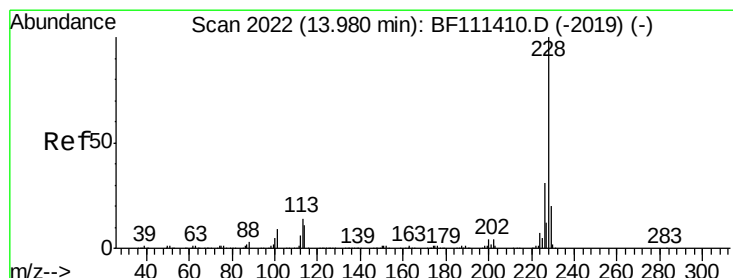
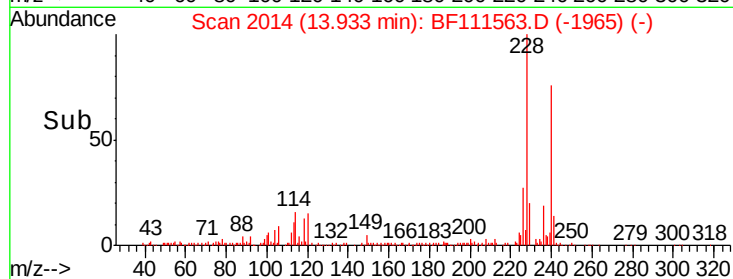
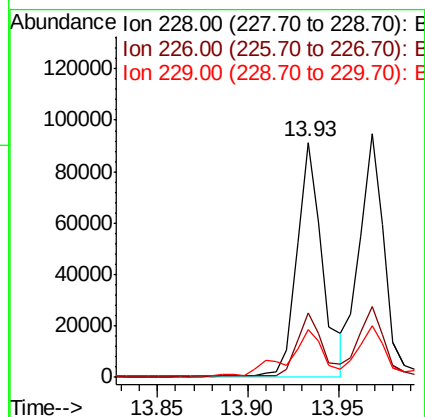
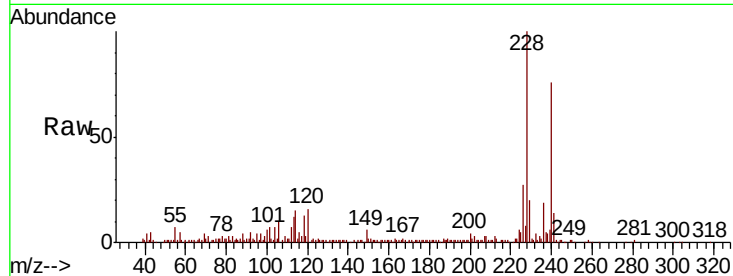
#81
Benzo(a)anthracene
Concen: 4.621 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF111563.D
Acq: 18 Dec 2018 2:26

Instrument :
BNA_F
ClientSampled :
TP-7-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	34.0
229	20.4	16.3	24.5

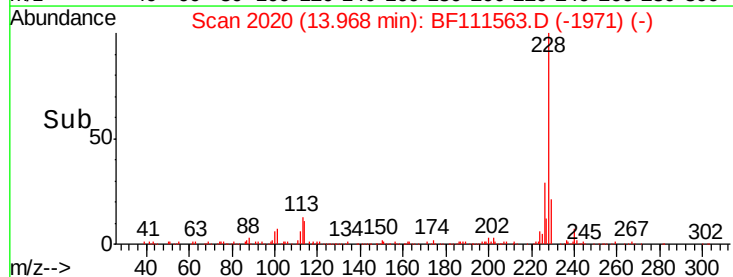
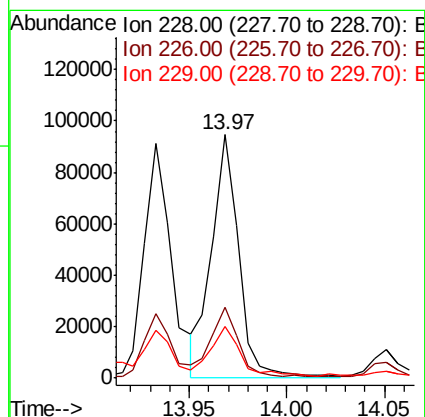
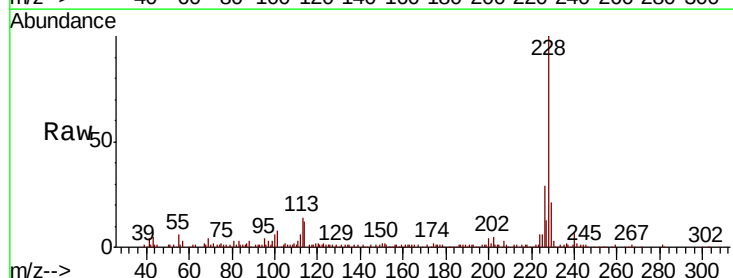
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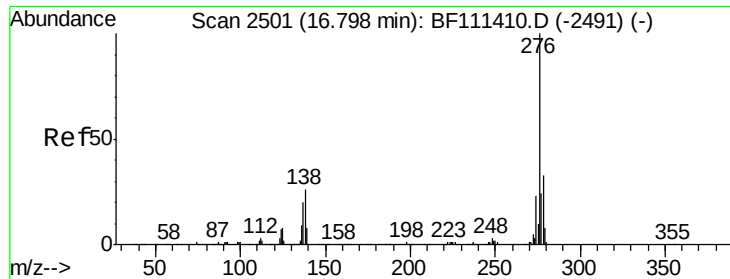
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#83
Chrysene
Concen: 4.392 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF111563.D
Acq: 18 Dec 2018 2:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.3	37.9
229	21.4	17.2	25.8





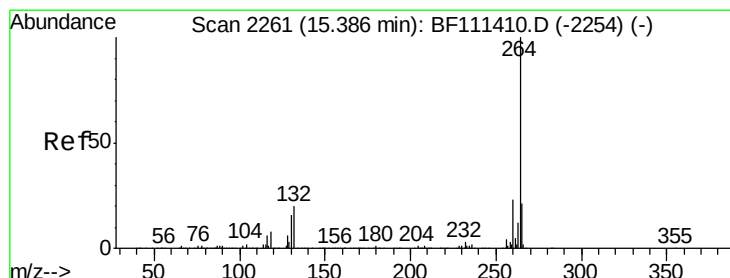
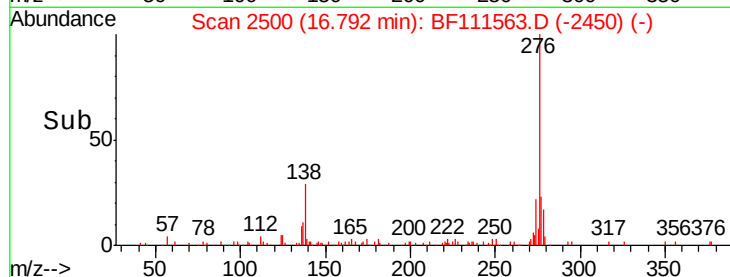
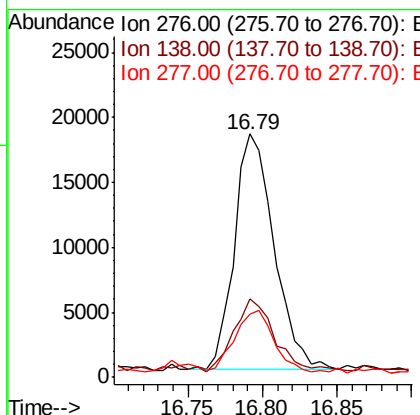
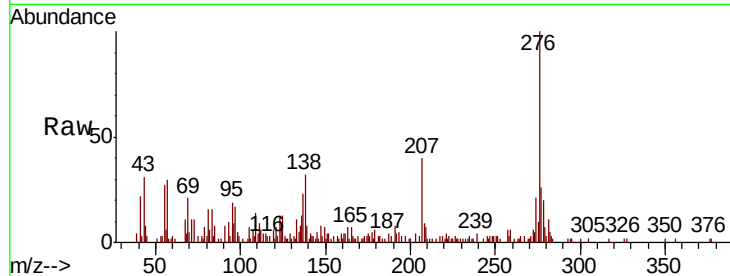
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.221 ng
 RT: 16.79 min Scan# 2500
 Delta R.T. -0.01 min
 Lab File: BF111563.D
 Acq: 18 Dec 2018 2:26

Instrument :
 BNA_F
 ClientSampled :
 TP-7-A

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.4	27.8	41.6
277	25.8	20.1	30.1

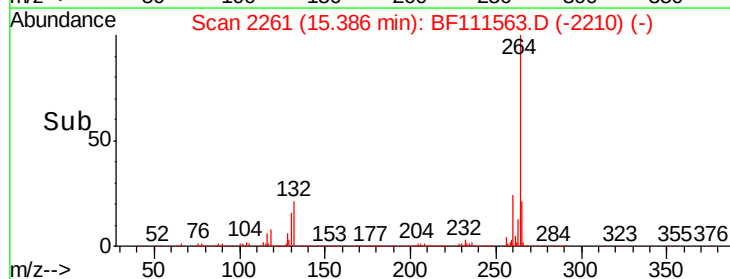
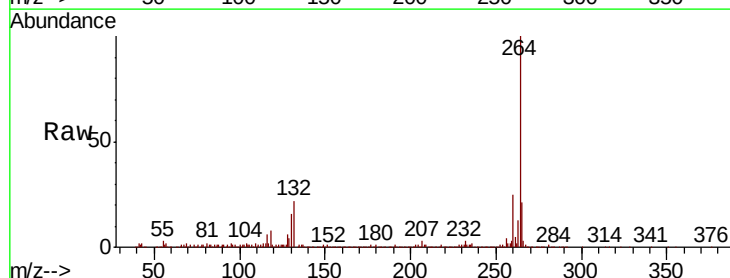
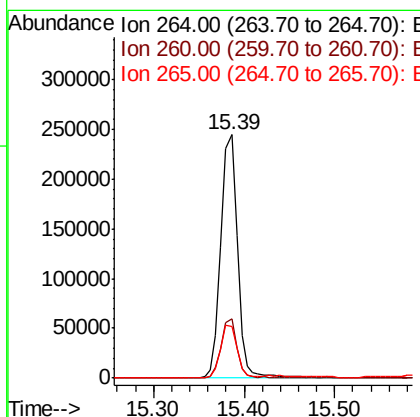
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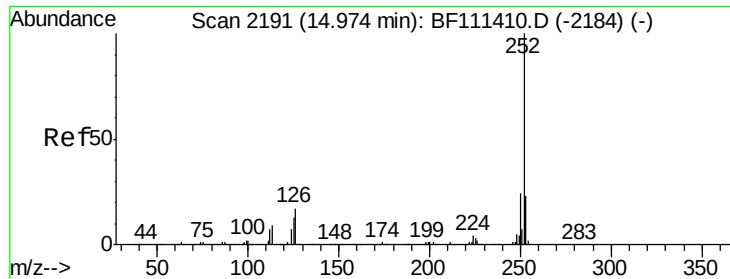
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: BF111563.D
 Acq: 18 Dec 2018 2:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.3	27.5
265	21.4	17.7	26.5





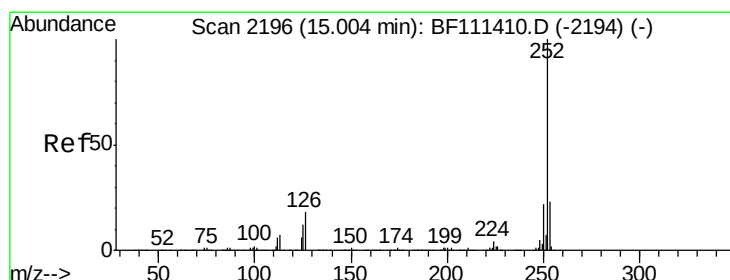
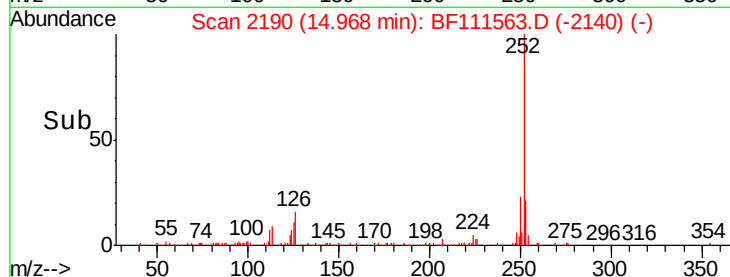
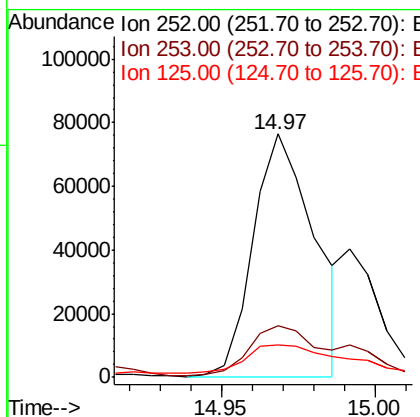
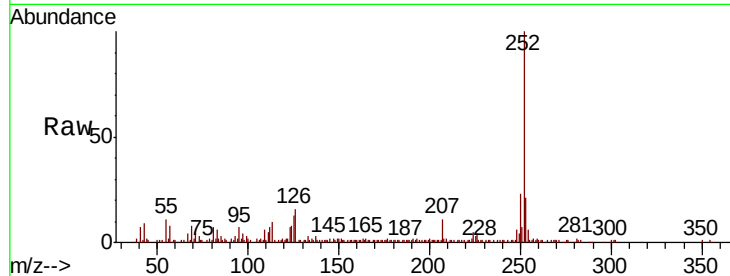
#88
Benzo(b)fluoranthene
Concen: 5.806 ng m
RT: 14.97 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF111563.D
Acq: 18 Dec 2018 2:26

Instrument :
BNA_F
ClientSampleId :
TP-7-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	13.2	10.4	15.6

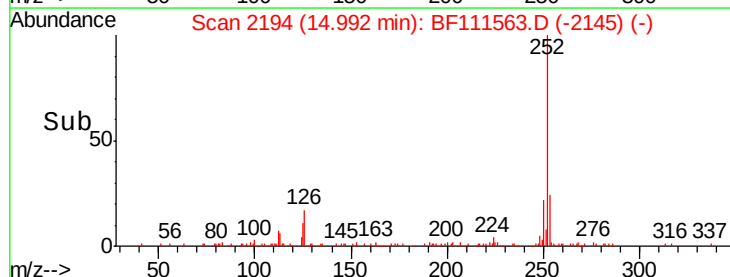
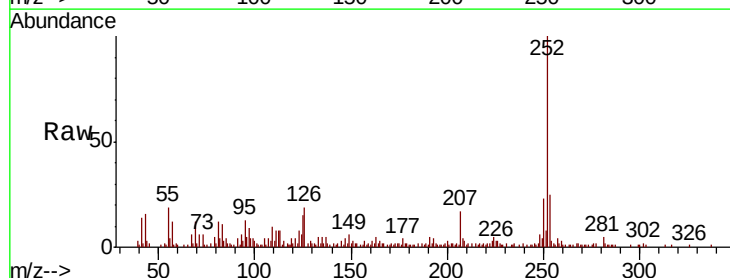
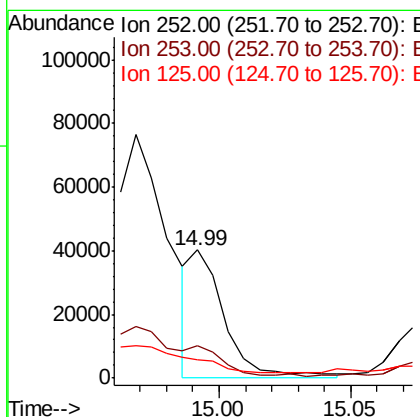
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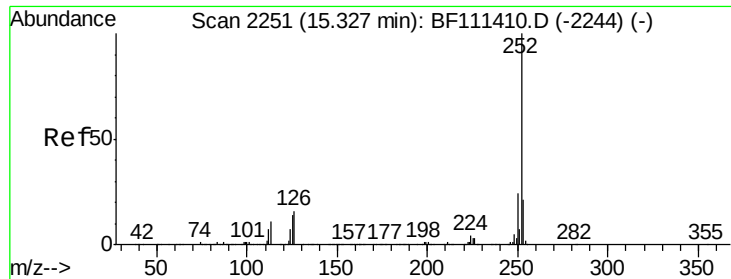
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#89
Benzo(k)fluoranthene
Concen: 2.080 ng m
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF111563.D
Acq: 18 Dec 2018 2:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.1	27.1
125	14.7	9.8	14.8





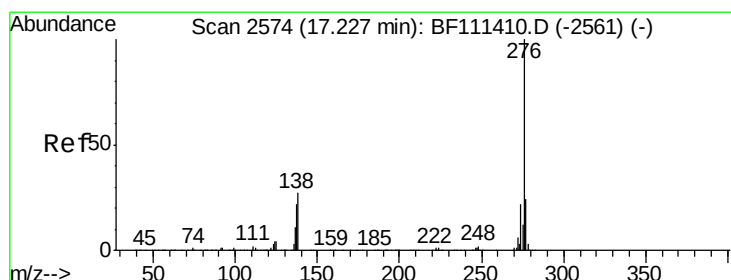
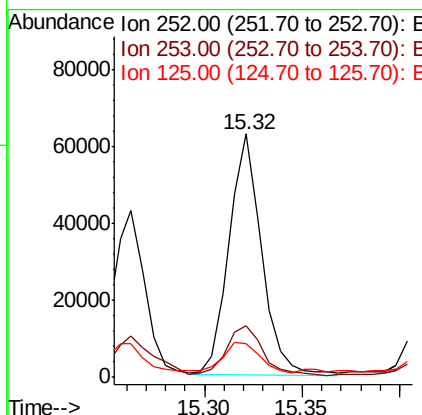
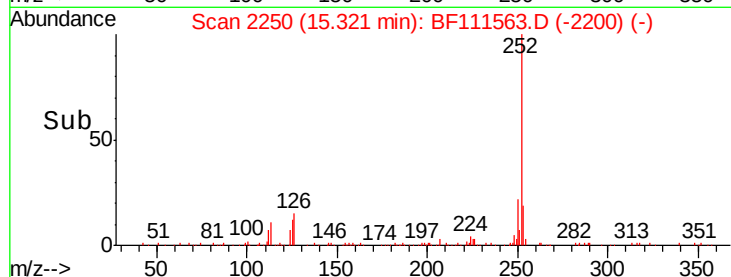
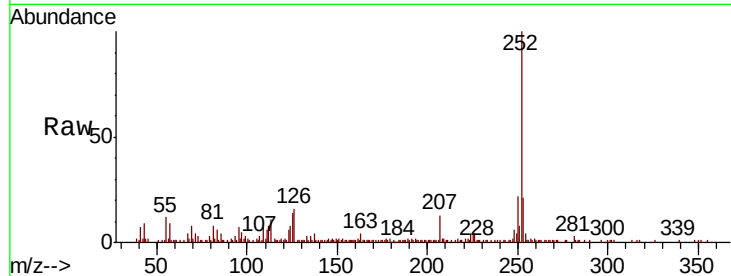
#90
Benzo(a)pyrene
Concen: 4.400 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF111563.D
Acq: 18 Dec 2018 2:26

Instrument :
BNA_F
ClientSampled :
TP-7-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.8	26.8
125	13.9	12.3	18.5

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.685 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BF111563.D
Acq: 18 Dec 2018 2:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.9	19.2	28.8
138	23.7	24.9	37.3#

