

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114678.D
 Acq On : 30 May 2019 23:27
 Operator : HP/JU
 Sample : K3068-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-8W(3.5-4.5)

Manual Integrations
 APPROVED

mohammad
 6/3/2019 8:47:40 AM

Quant Time: May 31 07:25:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	365321	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1324078	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	593892	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1002839	20.00	ng	0.00
76) Chrysene-d12	13.82	240	737035	20.00	ng	0.00
87) Perylene-d12	15.21	264	580197	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2093358	100.61	ng	0.01
7) Phenol-d6	6.33	99	2567048	102.38	ng	0.00
23) Nitrobenzene-d5	7.26	82	1546292	72.86	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	525529	92.87	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2682184	84.80	ng	0.00
79) Terphenyl-d14	12.78	244	2497573	63.71	ng	0.00
Target Compounds						
10) Phenol	6.35	94	77865	2.571	ng	83
50) Dimethylphthalate	9.44	163	297644	7.192	ng	98
75) Fluoranthene	12.40	202	326054	6.155	ng	96
78) Pyrene	12.62	202	357538	5.735	ng	97
81) Benzo(a)anthracene	13.80	228	206024m	3.638	ng	
83) Chrysene	13.84	228	210758	3.895	ng	94
86) Indeno(1,2,3-cd)pyrene	16.53	276	126220	2.329	ng	94
88) Benzo(b)fluoranthene	14.82	252	276545m	7.568	ng	
89) Benzo(k)fluoranthene	14.84	252	82552m	2.599	ng	
90) Benzo(a)pyrene	15.15	252	185590	5.781	ng	# 95
92) Benzo(g,h,i)perylene	16.92	276	148227	5.384	ng	95

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

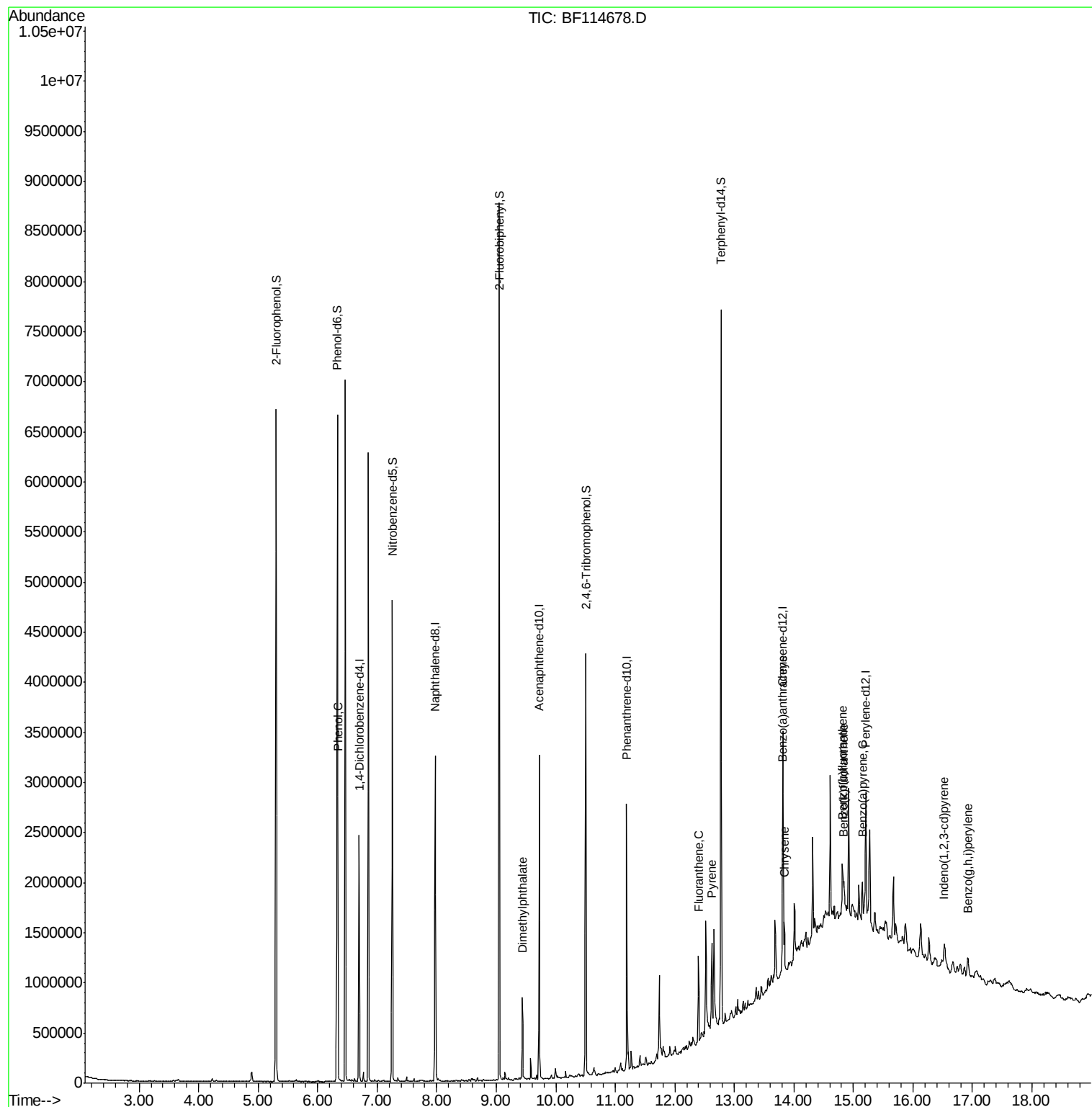
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114678.D
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Instrument :
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ClientSampleId :
B-8W(3.5-4.5)

Manual Integrations
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

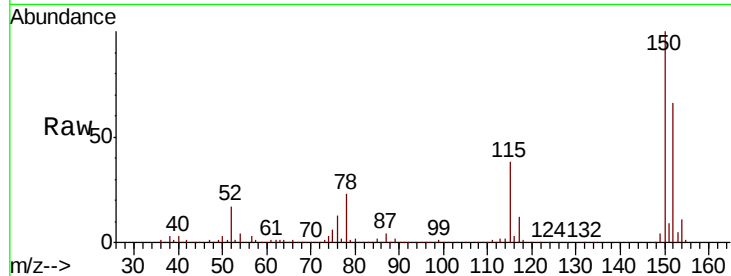
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114678.D
Acq: 30 May 2019 23:27

Instrument :
BNA_F
ClientSampleId :
B-8W(3.5-4.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.4	186.6
115	57.1	48.7	73.1

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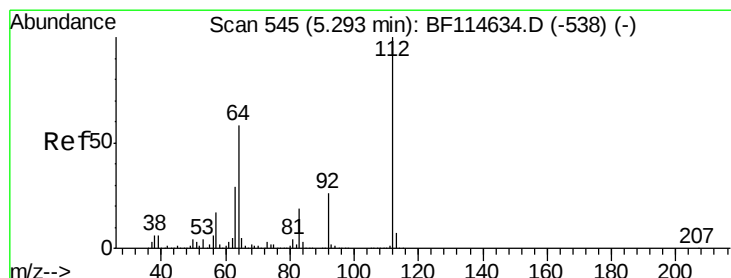
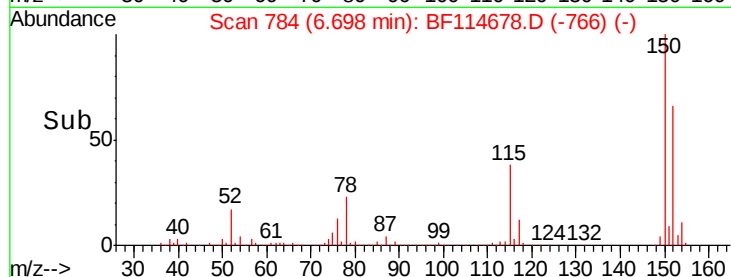
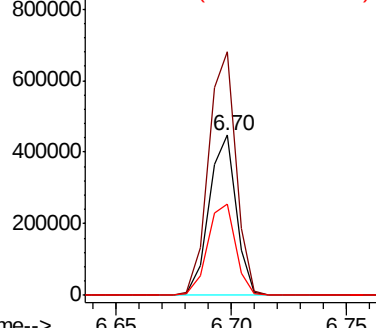


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

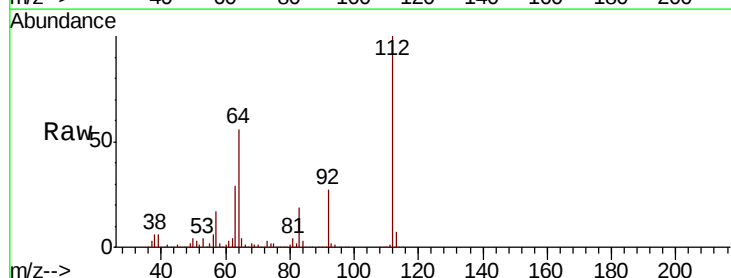
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.605 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114678.D
Acq: 30 May 2019 23:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	46.1	69.1
63	28.9	23.4	35.2

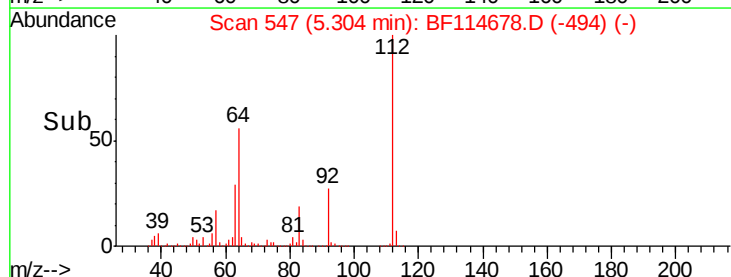
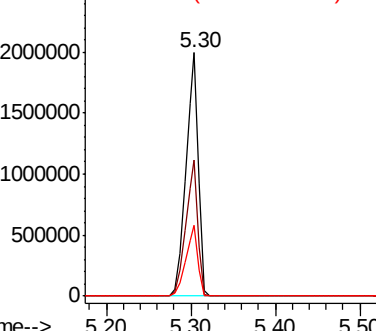


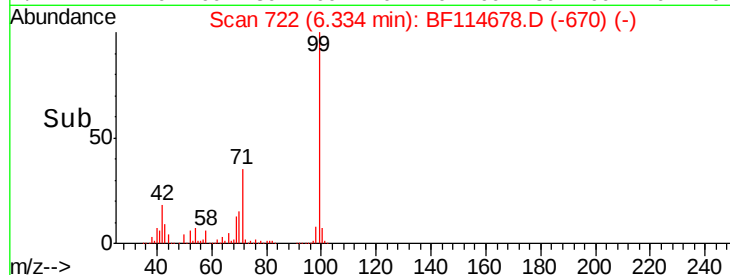
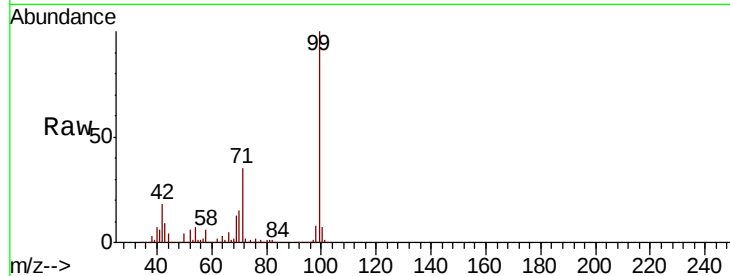
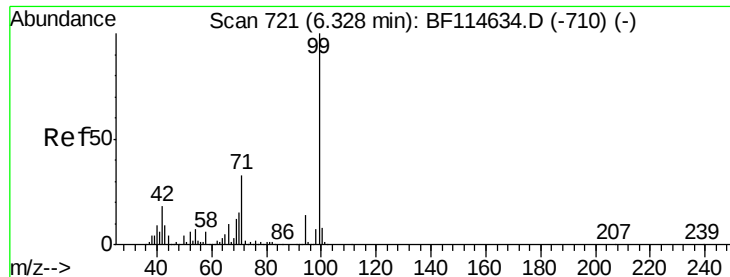
Abundance

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: 102.379 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114678.D

Acq: 30 May 2019 23:27

Tot Ion: 99 Resp: 2567048

Ion Ratio Lower Upper

99 100

42 17.7 14.7 22.1

71 34.8 26.6 40.0

Instrument :

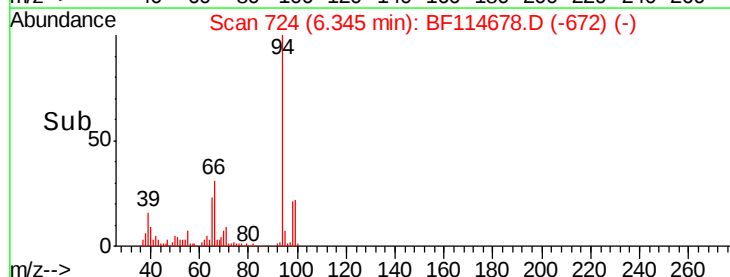
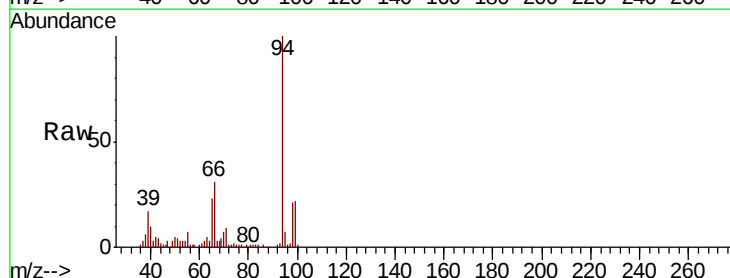
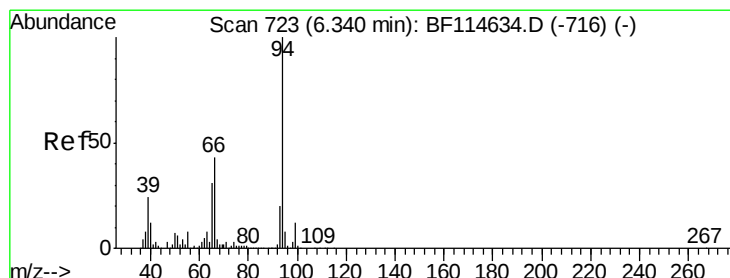
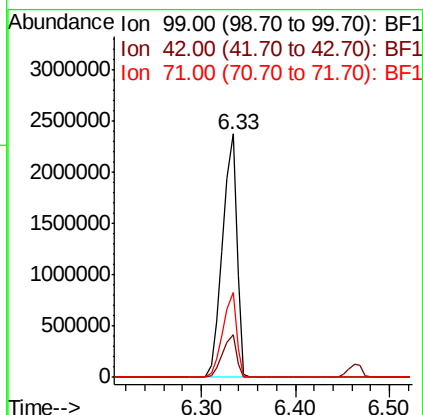
BNA_F

ClientSampleId :

B-8W(3.5-4.5)

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#10

Phenol

Concen: 2.571 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF114678.D

Acq: 30 May 2019 23:27

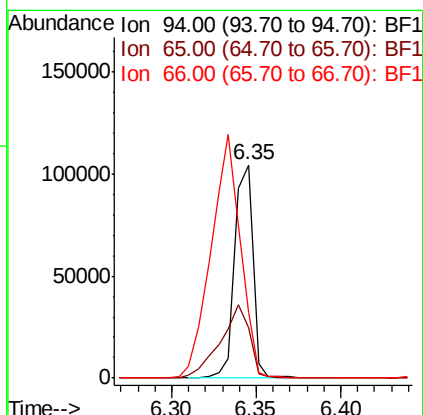
Tgt Ion: 94 Resp: 77865

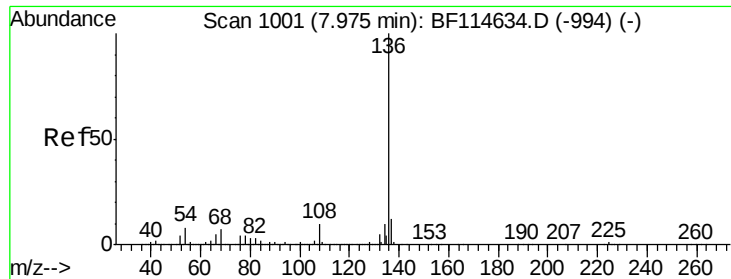
Ion Ratio Lower Upper

94 100

65 23.4 11.0 51.0

66 30.7 23.0 63.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF114678.D

Acq: 30 May 2019 23:27

Instrument :

BNA_F

ClientSampleId :

B-8W(3.5-4.5)

Tot Ion:136 Resp: 1324078

Ion Ratio Lower Upper

136 100

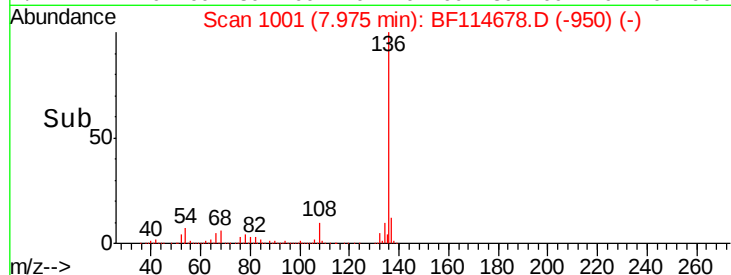
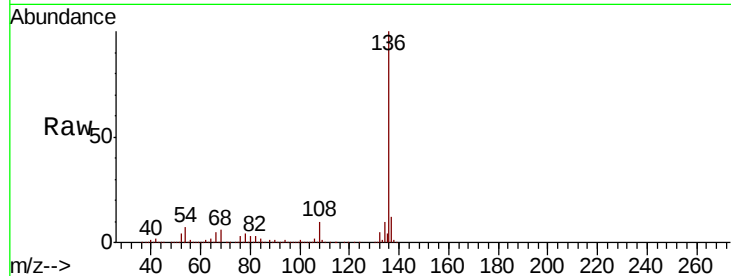
137 11.5 9.3 13.9

54 7.0 6.3 9.5

68 5.9 5.4 8.0

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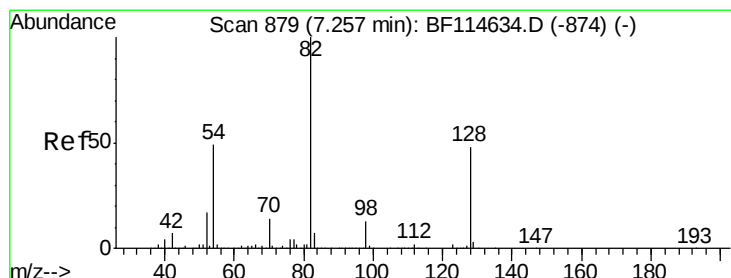
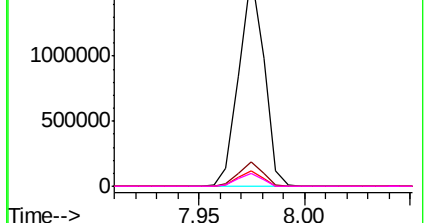


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.860 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF114678.D

Acq: 30 May 2019 23:27

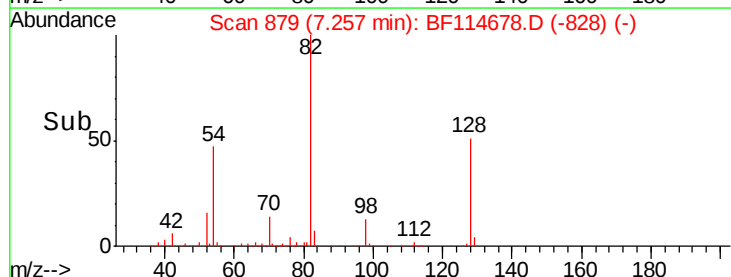
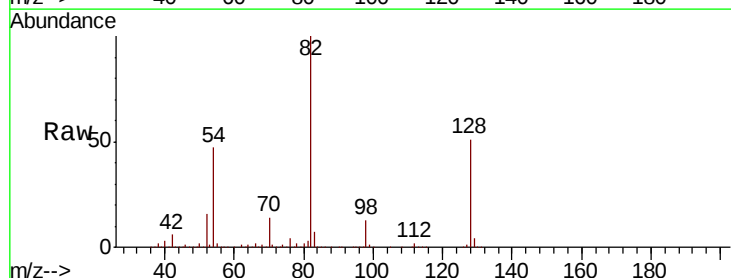
Tgt Ion: 82 Resp: 1546292

Ion Ratio Lower Upper

82 100

128 51.4 38.5 57.7

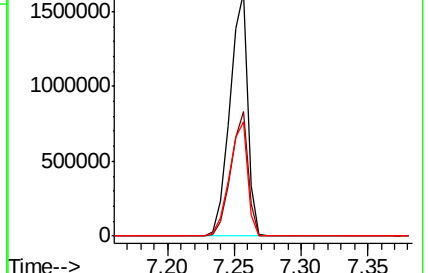
54 47.2 39.1 58.7

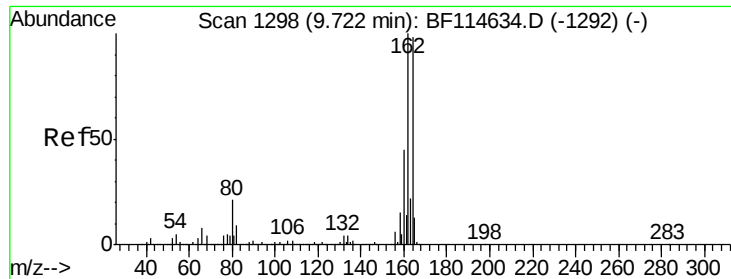


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





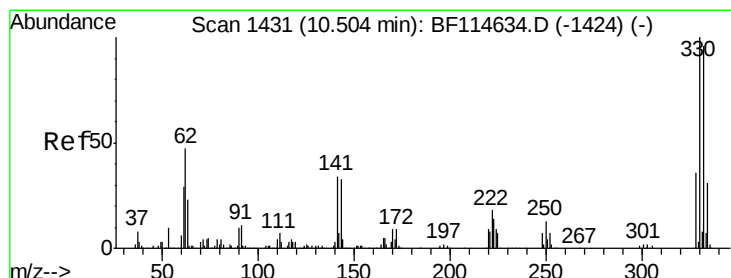
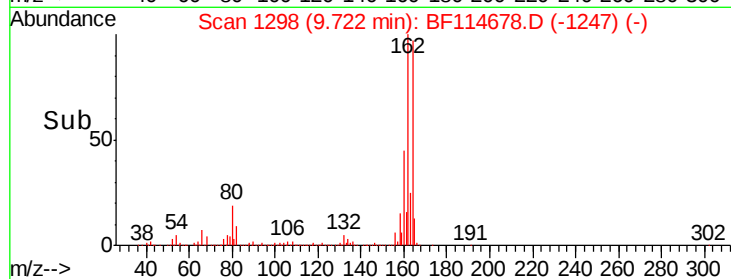
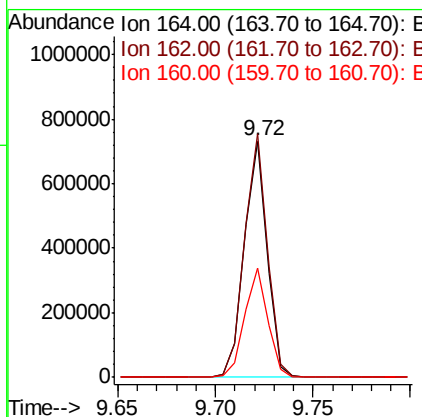
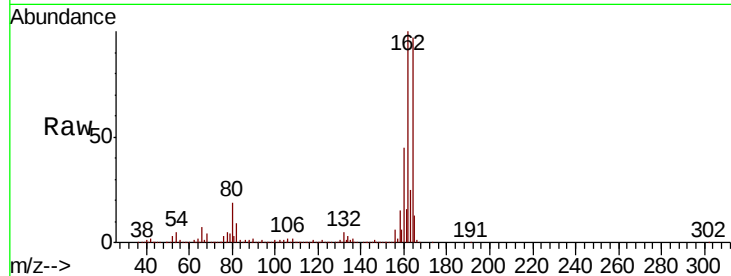
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114678.D
Acq: 30 May 2019 23:27

Instrument :
BNA_F
ClientSampleId :
B-8W(3.5-4.5)

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	81.4	122.2	
160	46.0	36.6	54.8	

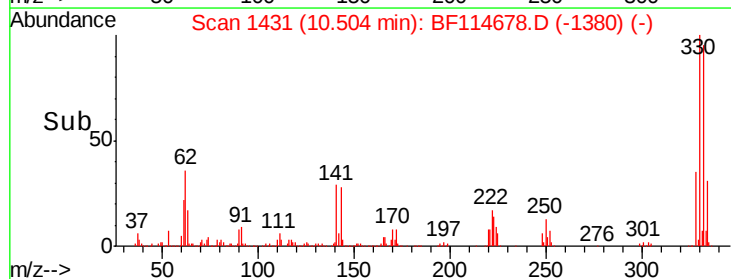
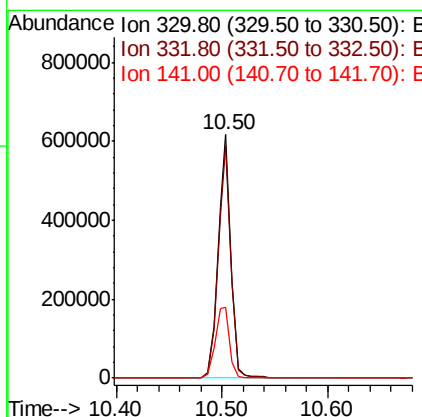
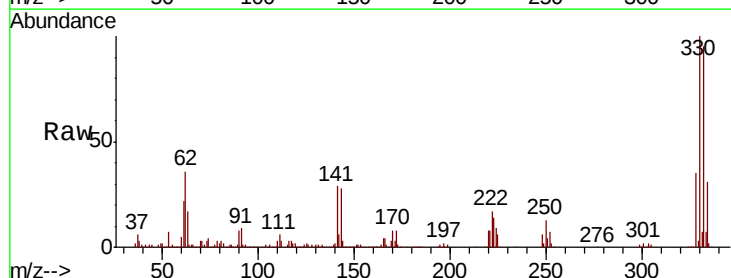
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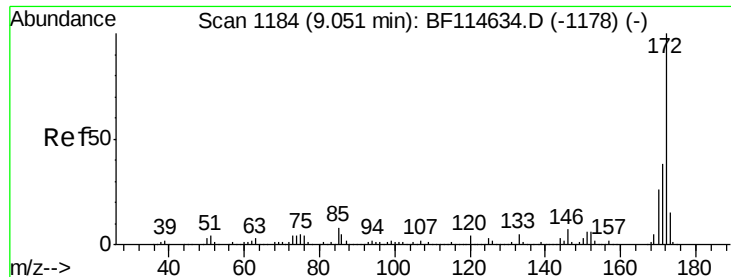
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#42
2,4,6-Tribromophenol
Concen: 92.868 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114678.D
Acq: 30 May 2019 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	75.8	113.8	
141	33.5	27.8	41.8	





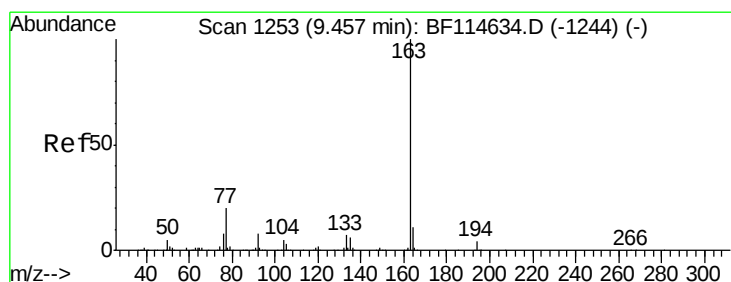
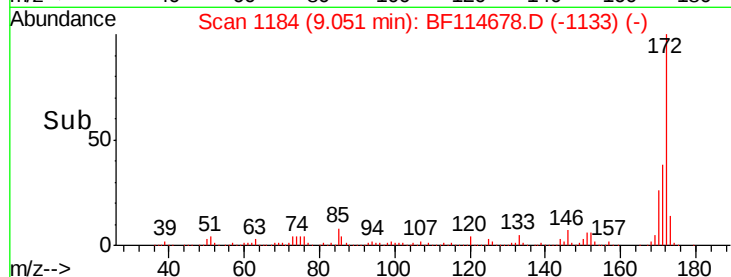
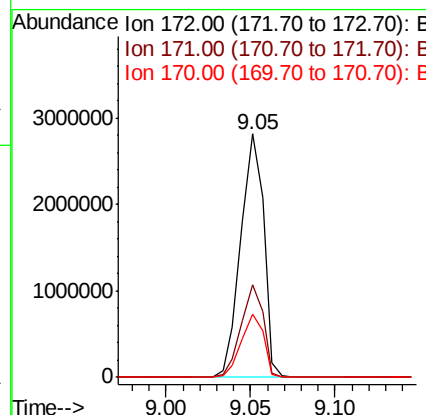
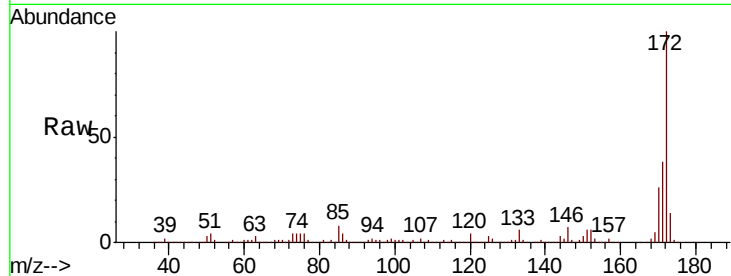
#45
2-Fluorobiphenyl
Concen: 84.800 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114678.D
Acq: 30 May 2019 23:27

Instrument :
BNA_F
ClientSampleId :
B-8W(3.5-4.5)

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.6	45.8
170	26.0	20.7	31.1

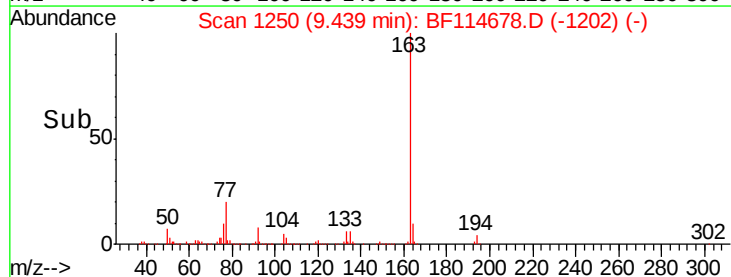
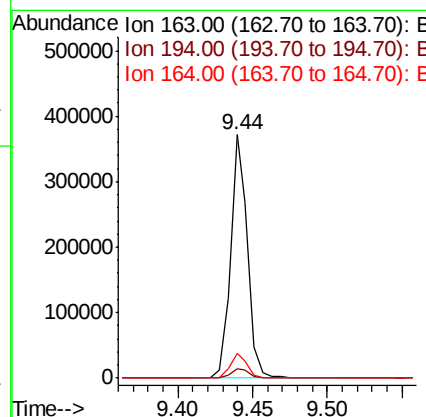
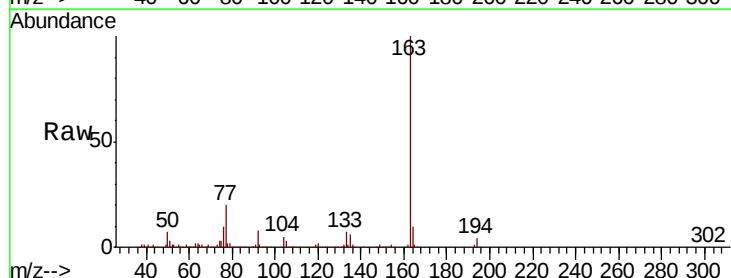
Manual Integrations
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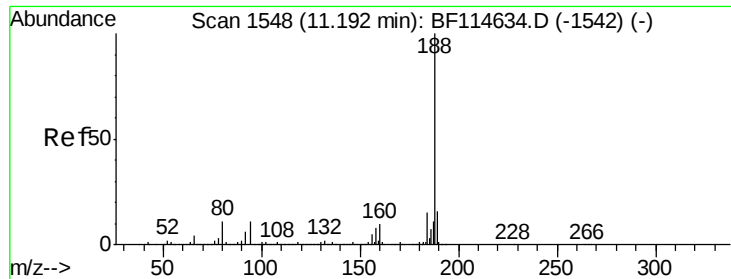
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#50
Dimethylphthalate
Concen: 7.192 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114678.D
Acq: 30 May 2019 23:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	10.1	8.6	13.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BF114678.D

Acq: 30 May 2019 23:27

Instrument :

BNA_F

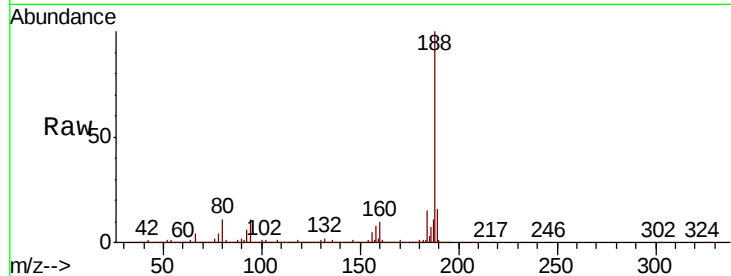
ClientSampleId :

B-8W(3.5-4.5)

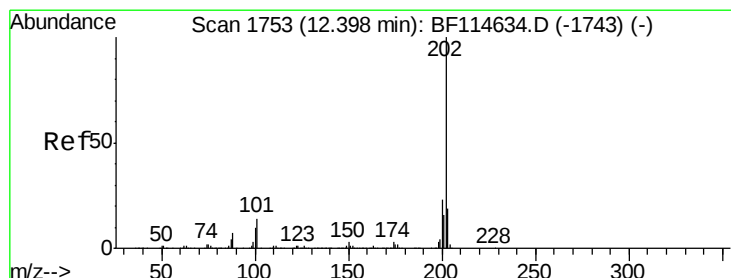
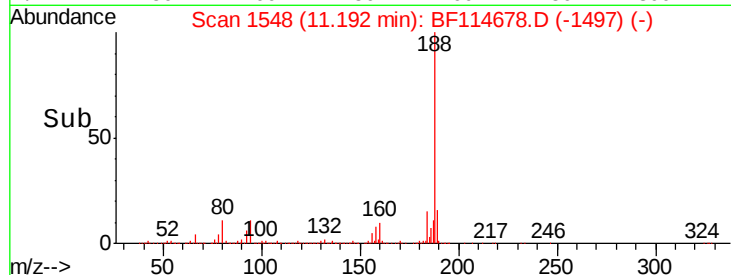
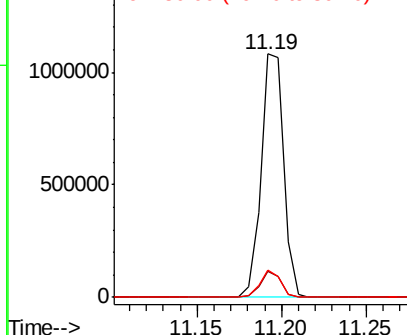
Tot Ion:	188	Resp:	1002839
Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.6	13.0
80	11.0	9.0	13.6

Manual Integrations
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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: 6.155 ng

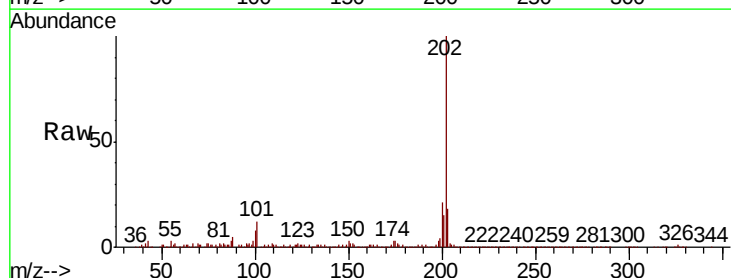
RT: 12.40 min Scan# 1753

Delta R.T. 0.00 min

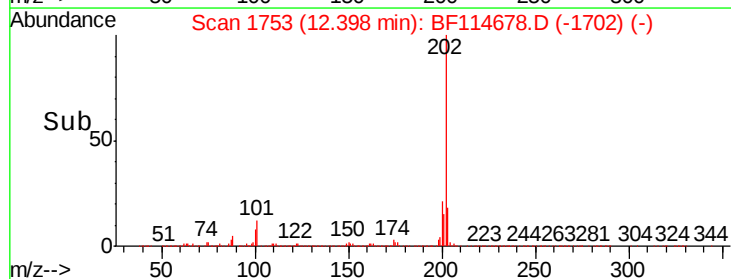
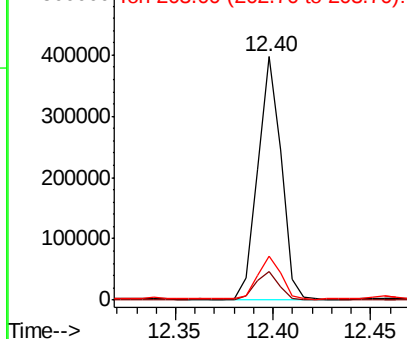
Lab File: BF114678.D

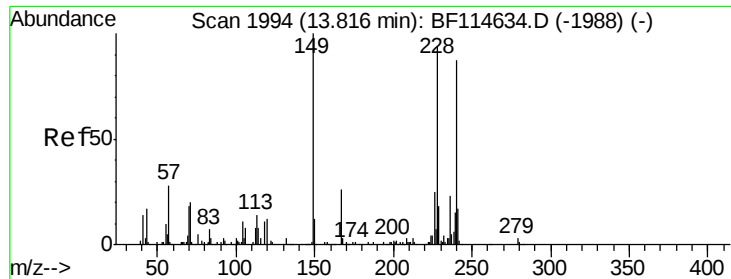
Acq: 30 May 2019 23:27

Tgt Ion:	202	Resp:	326054
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.9
203	17.8	0.0	39.1



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





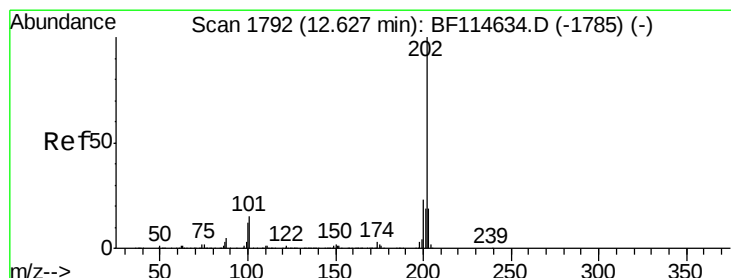
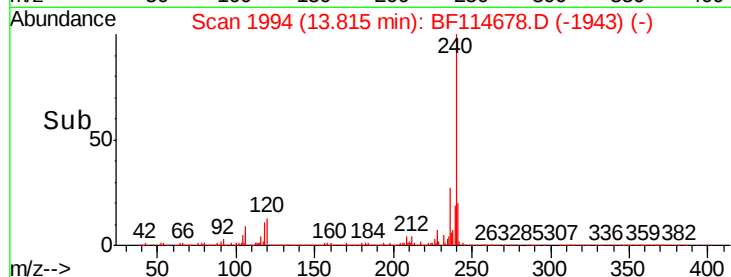
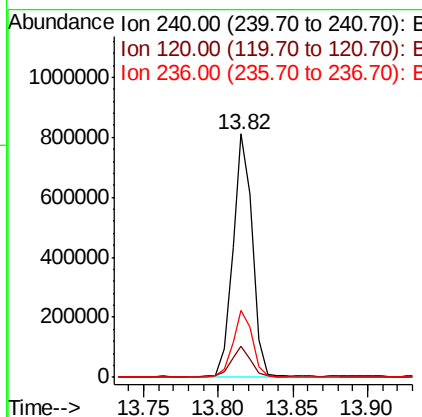
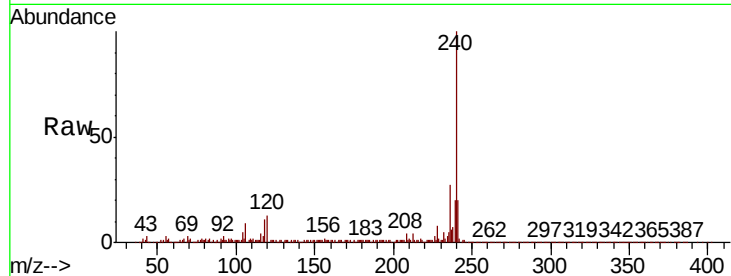
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF114678.D
Acq: 30 May 2019 23:27

Instrument :
BNA_F
ClientSampleId :
B-8W(3.5-4.5)

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.8	11.2	16.8
236	27.3	21.2	31.8

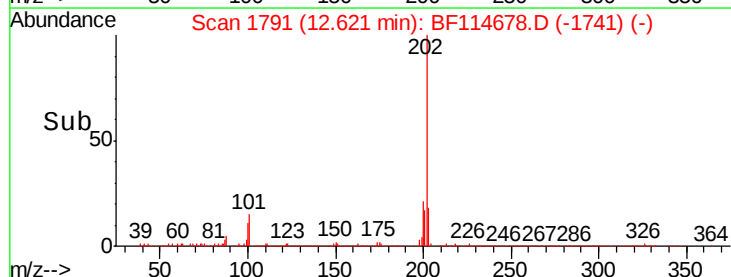
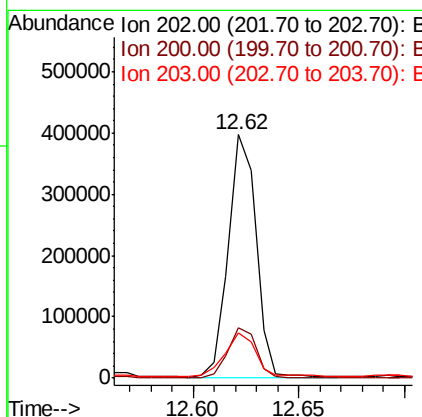
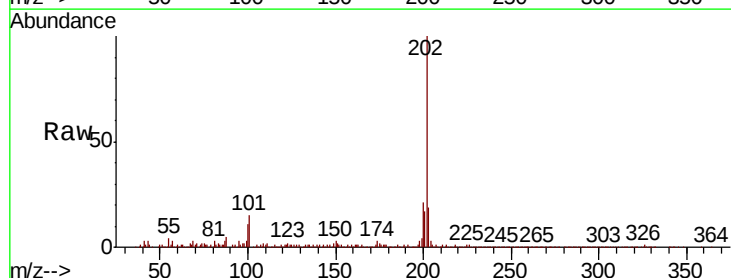
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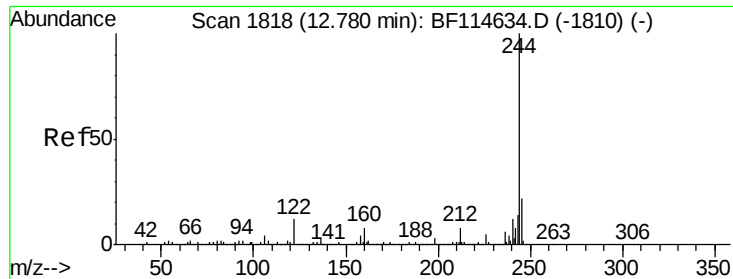
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#78
Pyrene
Concen: 5.735 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF114678.D
Acq: 30 May 2019 23:27

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	18.6	28.0
203	18.7	15.4	23.2





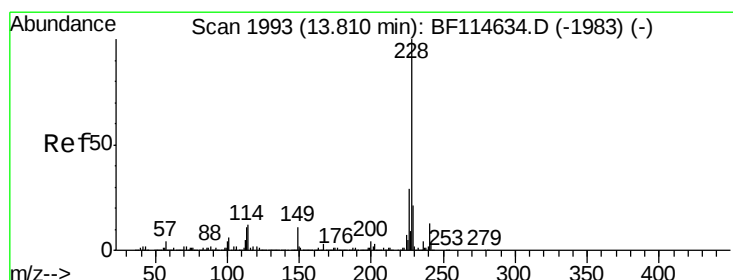
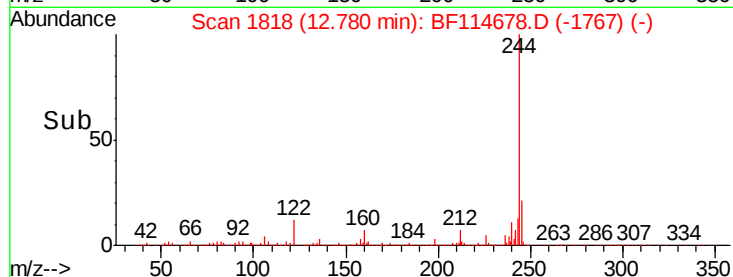
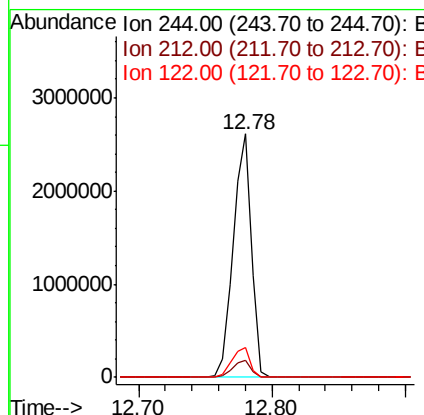
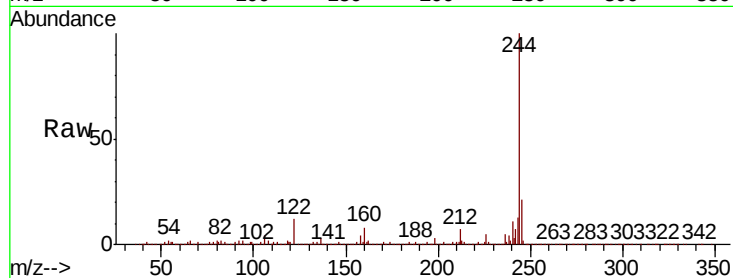
#79
 Terphenyl-d14
 Concen: 63.712 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BF114678.D
 Acq: 30 May 2019 23:27

Instrument :
 BNA_F
 ClientSampleId :
 B-8W(3.5-4.5)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	12.1	9.8	14.8

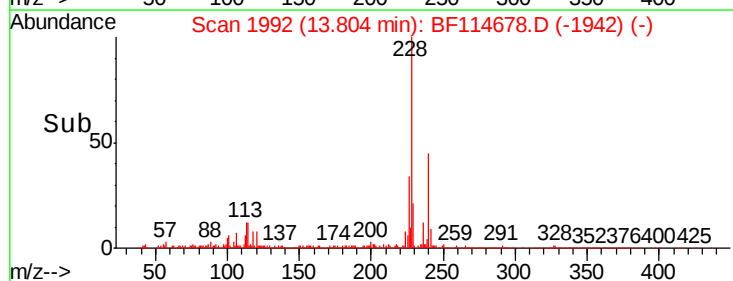
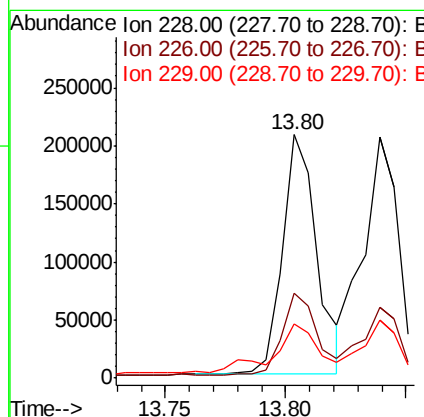
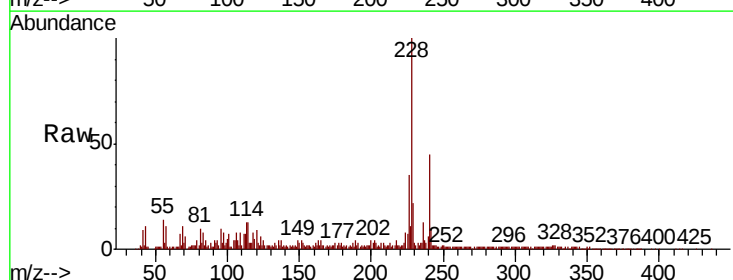
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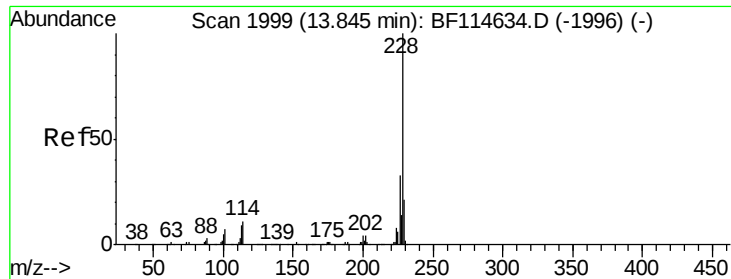
mohammad
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#81
 Benzo(a)anthracene
 Concen: 3.638 ng m
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BF114678.D
 Acq: 30 May 2019 23:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.0	23.0	34.6#
229	22.5	17.0	25.4





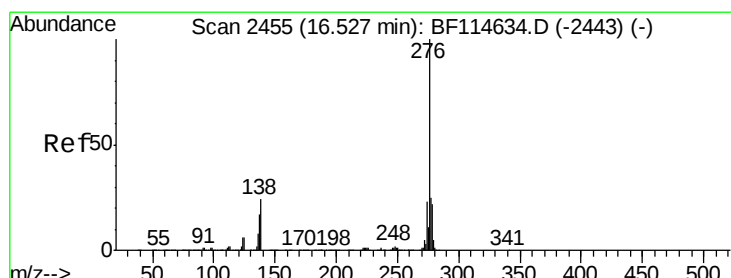
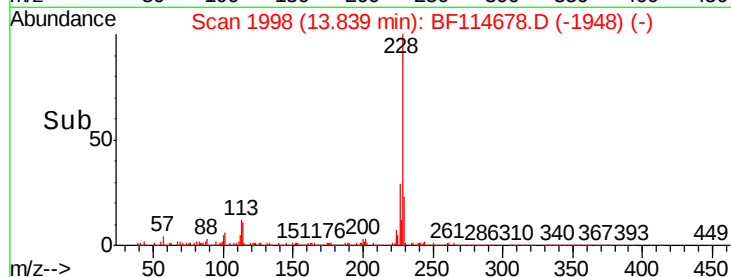
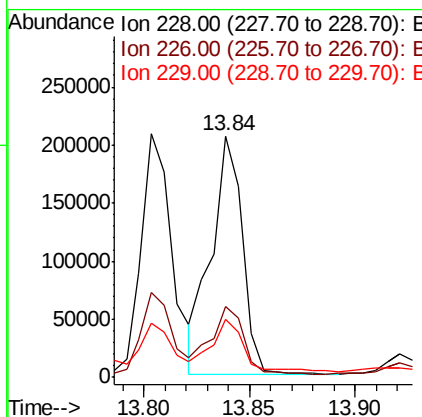
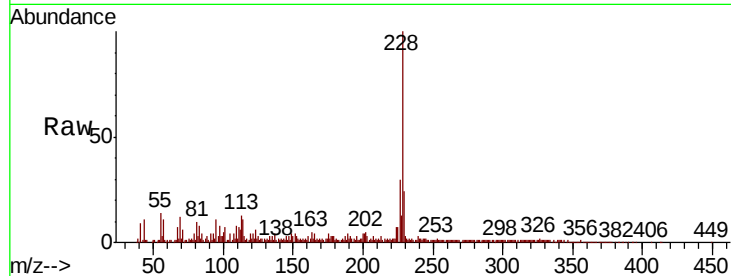
#83
Chrysene
Concen: 3.895 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF114678.D
Acq: 30 May 2019 23:27

Instrument :
BNA_F
ClientSampleId :
B-8W(3.5-4.5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	26.4	39.6
229	23.8	17.1	25.7

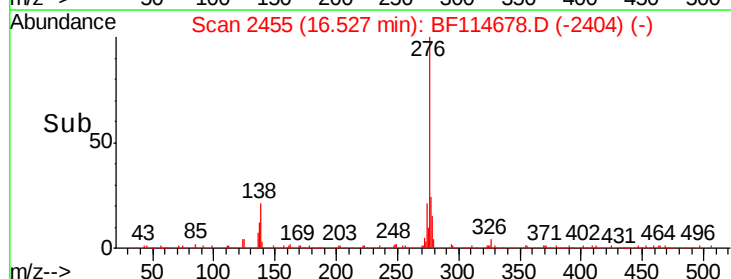
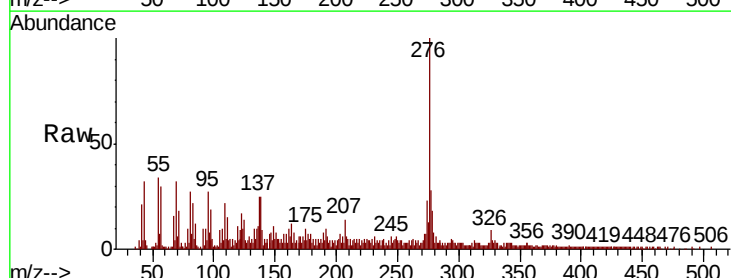
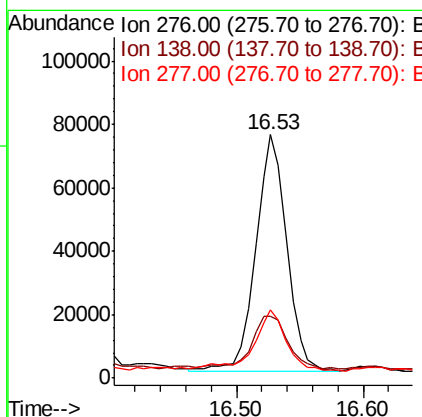
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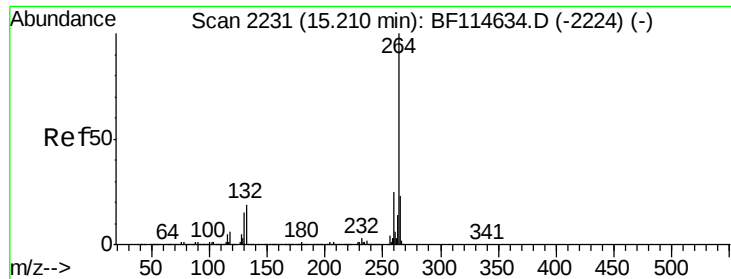
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.329 ng
RT: 16.53 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BF114678.D
Acq: 30 May 2019 23:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.2	23.0	34.6
277	29.3	20.5	30.7





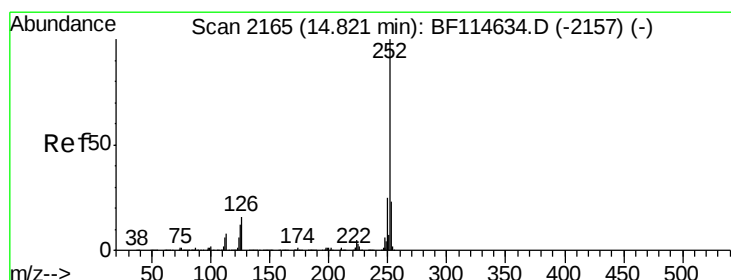
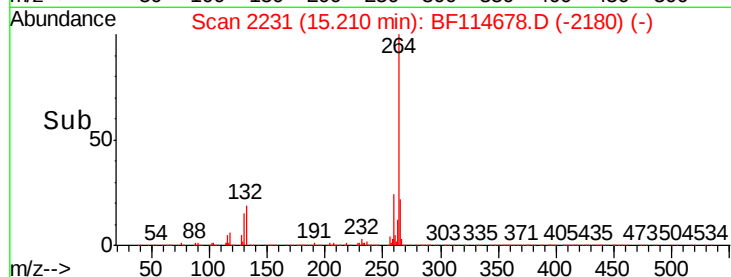
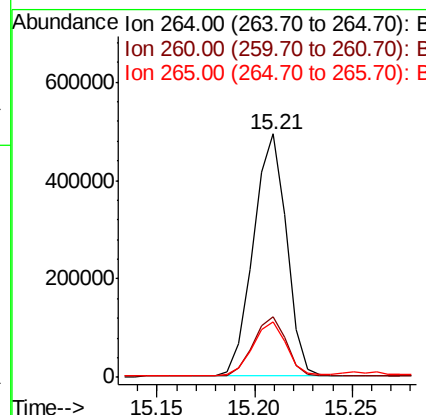
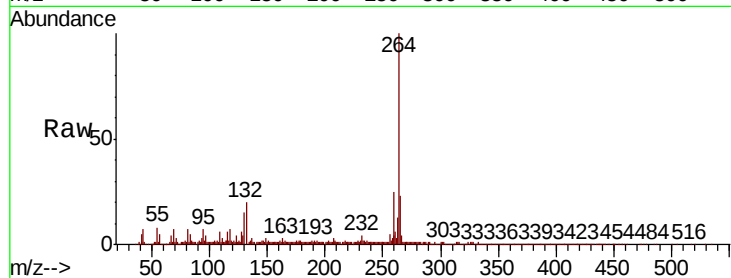
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF114678.D
Acq: 30 May 2019 23:27

Instrument :
BNA_F
ClientSampleId :
B-8W(3.5-4.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	22.8	18.1	27.1

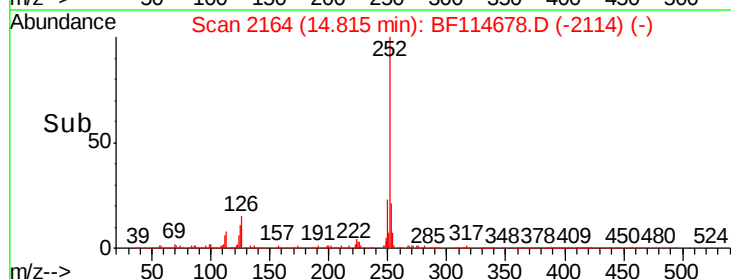
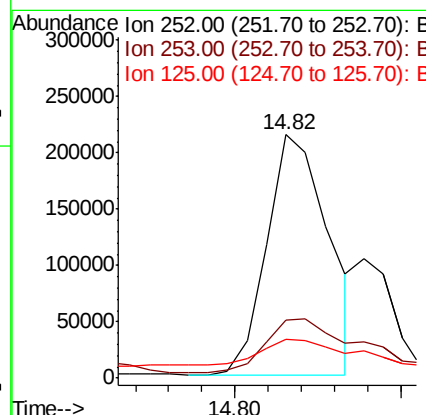
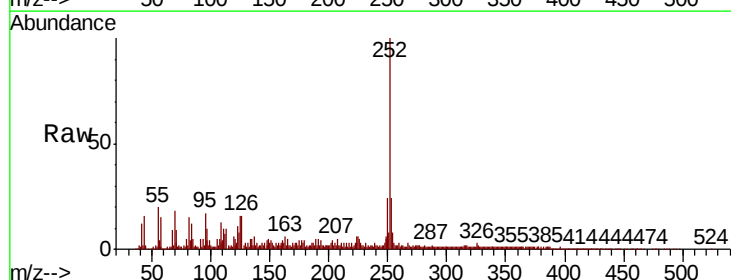
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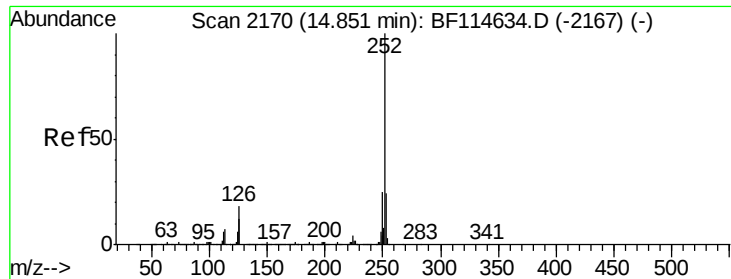
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#88
Benzo(b)fluoranthene
Concen: 7.568 ng m
RT: 14.82 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF114678.D
Acq: 30 May 2019 23:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.7	28.1
125	15.7	9.4	14.2#





#89

Benzo(k)fluoranthene

Concen: 2.599 ng/mL

RT: 14.84 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BF114678.D

Acq: 30 May 2019 23:27

Instrument :

BNA_F

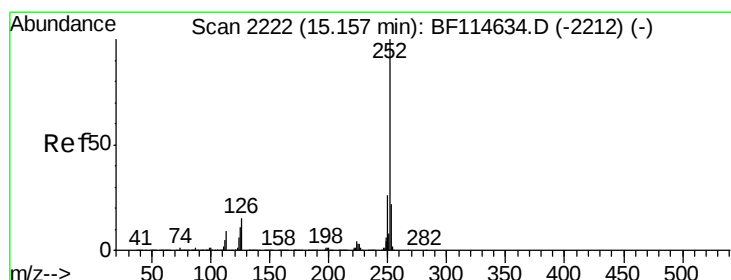
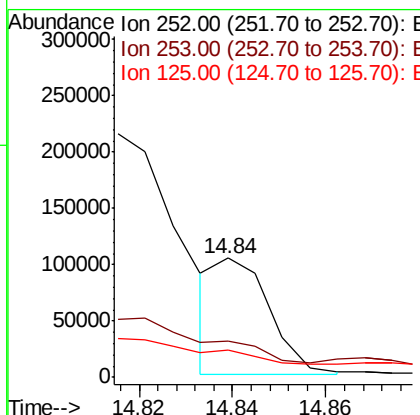
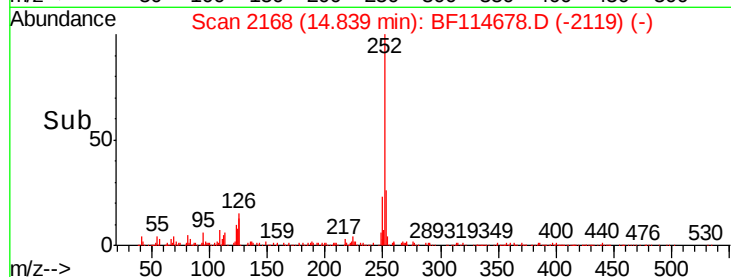
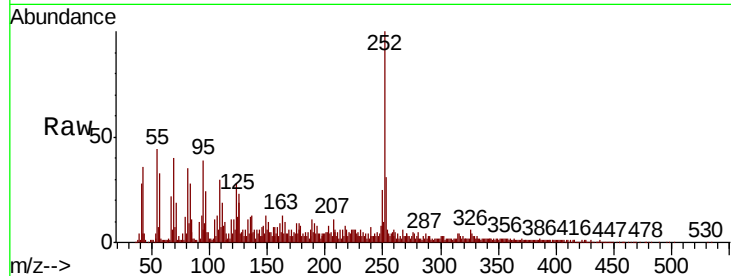
ClientSampleId :

B-8W(3.5-4.5)

Tot Ion:	252	Resp:	82552
Ion Ratio	Lower	Upper	
252	100		
253	30.6	18.9	28.3#
125	22.5	9.5	14.3#

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#90

Benzo(a)pyrene

Concen: 5.781 ng/mL

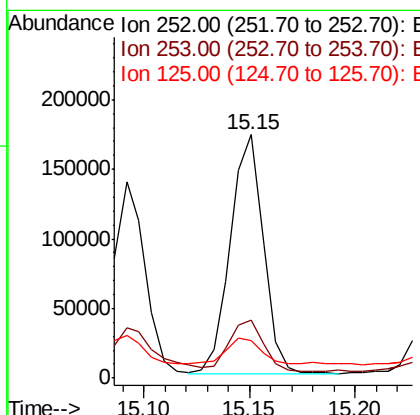
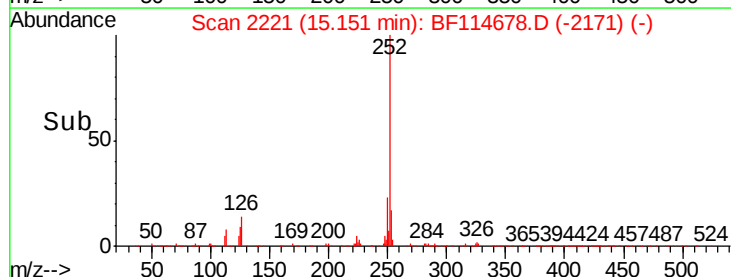
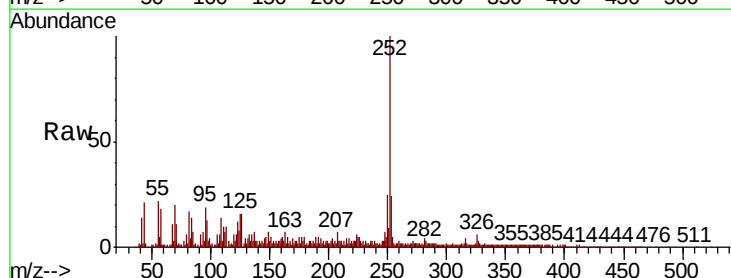
RT: 15.15 min Scan# 2221

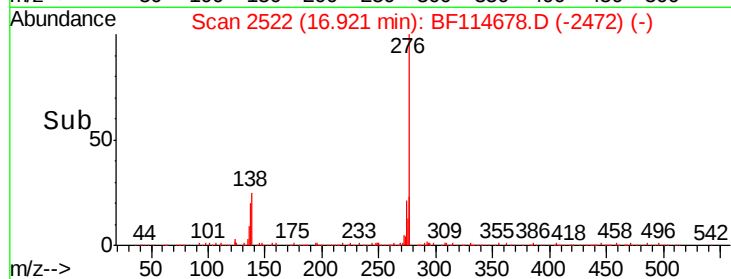
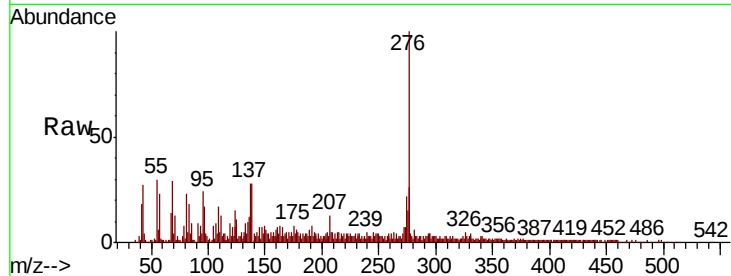
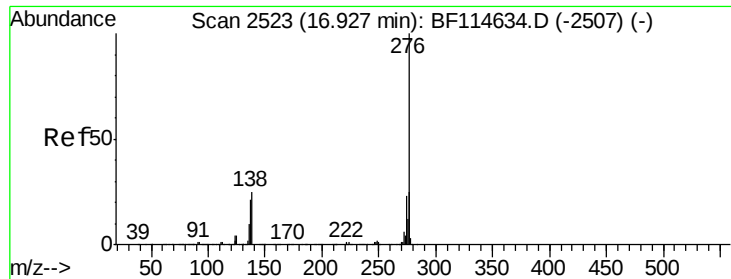
Delta R.T. -0.01 min

Lab File: BF114678.D

Acq: 30 May 2019 23:27

Tgt Ion:	252	Resp:	185590
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.0	27.0
125	15.5	9.2	13.8#





#92
 Benzo(a,h,i)perylene
 Concen: 5.384 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BF114678.D
 Acq: 30 May 2019 23:27

Instrument :
 BNA_F
 ClientSampleId :
 B-8W(3.5-4.5)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
148227	276	100			
	277	25.9		19.7	29.5
	138	28.0		19.8	29.8

Manual Integrations
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