

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114965.D
 Acq On : 12 Jun 2019 1:06
 Operator : HP/JU
 Sample : K3214-01DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1ADL

Manual Integrations
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mohammad
 6/12/2019 9:09:16 AM

Quant Time: Jun 12 09:26:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	217490	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	688557	20.00	ng	0.05
39) Acenaphthene-d10	9.72	164	379542m	20.00	ng	0.02
64) Phenanthrene-d10	11.17	188	612649	20.00	ng	0.01
76) Chrysene-d12	13.79	240	531394	20.00	ng	0.00
87) Perylene-d12	15.17	264	423786	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	536852m	41.78	ng	0.08
7) Phenol-d6	6.37	99	294485m	19.00	ng	0.06
23) Nitrobenzene-d5	7.25	82	565821	50.49	ng	0.02
42) 2,4,6-Tribromophenol	10.49	330	239867	58.10	ng	0.01
45) 2-Fluorobiphenyl	9.06	172	1213750	50.75	ng	0.04
79) Terphenyl-d14	12.75	244	1185997	44.39	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	2.99	79	65756	3.874	ng	99
6) Aniline	6.34	93	1643453	78.272	ng	# 78
17) 2-Methylphenol	6.98	107	1806914	147.137	ng	93
20) 3+4-Methylphenols	7.14	107	7207849m	524.199	ng	
27) 2,4-Dimethylphenol	7.74	122	11009853m	1161.677	ng	
31) Naphthalene	8.06	128	23894882	753.136	ng	# 92
37) 2-Methylnaphthalene	8.72	142	5813127	269.628	ng	# 94
38) 1-Methylnaphthalene	8.82	142	4347266	213.198	ng	# 98
46) 1,1'-Biphenyl	9.15	154	1069722	37.673	ng	96
49) Acenaphthylene	9.58	152	157102	4.448	ng	# 84
52) Acenaphthene	9.75	154	1309259	61.182	ng	99
55) Dibenzofuran	9.92	168	1496526	48.990	ng	98
58) Fluorene	10.25	166	721584	30.644	ng	99
71) Phenanthrene	11.20	178	518936	17.458	ng	97
72) Anthracene	11.25	178	163818m	5.430	ng	
73) Carbazole	11.42	167	463433	16.872	ng	97

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

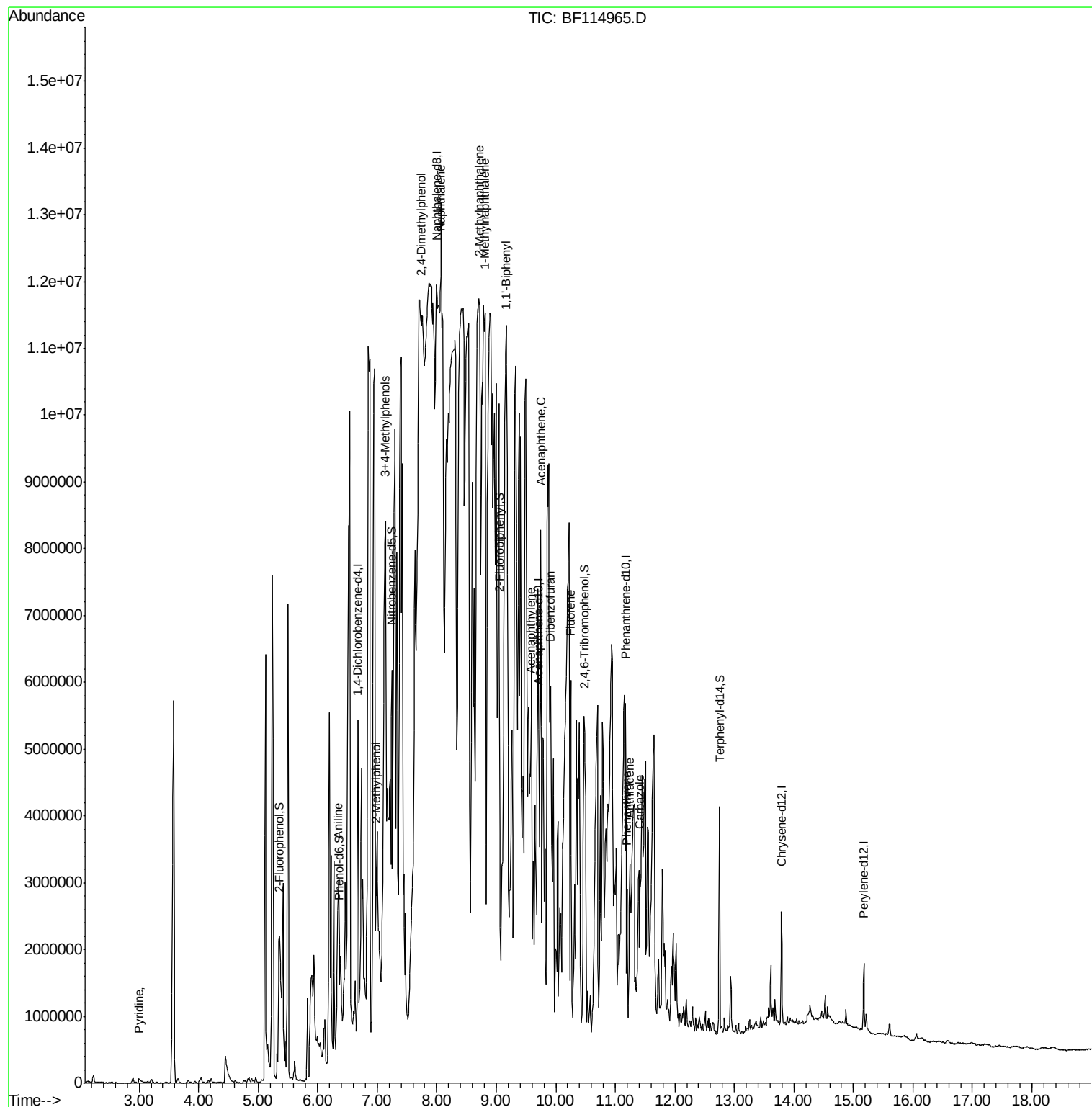
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114965.D
Acq On : 12 Jun 2019 1:06
Operator : HP/JU
Sample : K3214-01DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

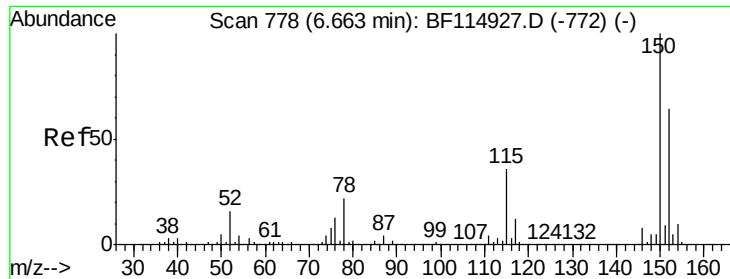
Instrument :
BNA_F
ClientSampleID :
MW-1ADL

Quant Time: Jun 12 09:26:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 16:44:00 2019
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#1

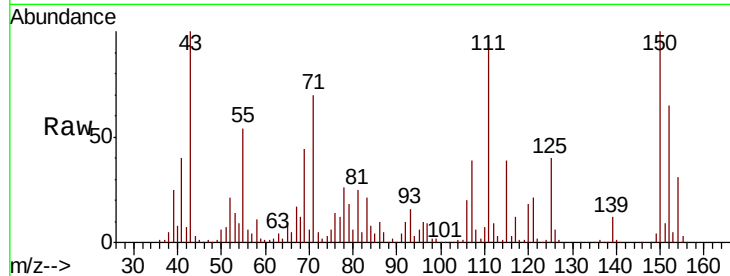
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.01 min
Lab File: BF114965.D
Acq: 12 Jun 2019 1:06

Instrument :
BNA_F
ClientSampleId :
MW-1ADL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	125.2	187.8
115	59.1	45.0	67.4

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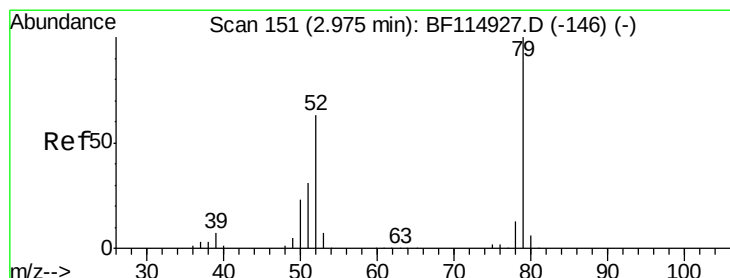
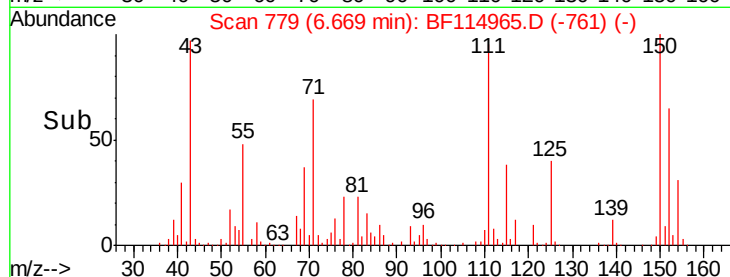
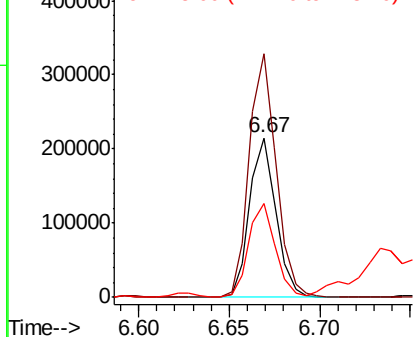


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

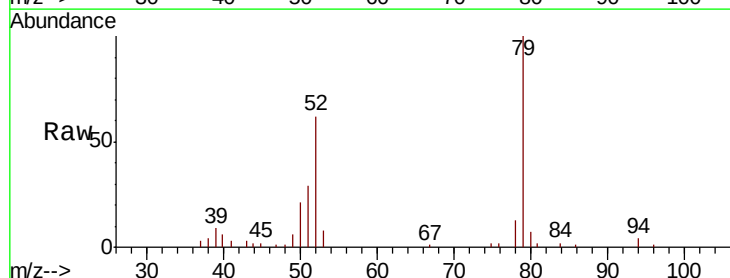
Ion 115.00 (114.70 to 115.70): E



#3

Pyridine
Concen: 3.874 ng
RT: 2.99 min Scan# 154
Delta R.T. 0.02 min
Lab File: BF114965.D
Acq: 12 Jun 2019 1:06

Tgt Ion	Ratio	Lower	Upper
79	100		
52	62.2	50.2	75.2
51	29.3	24.6	37.0

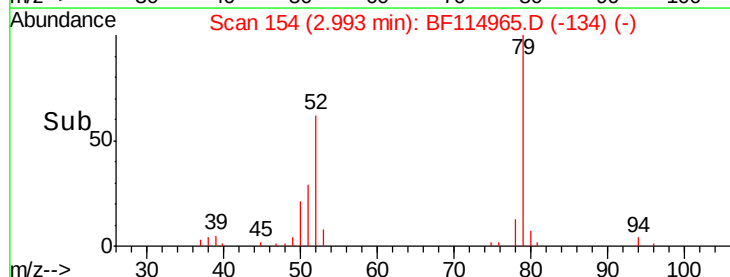
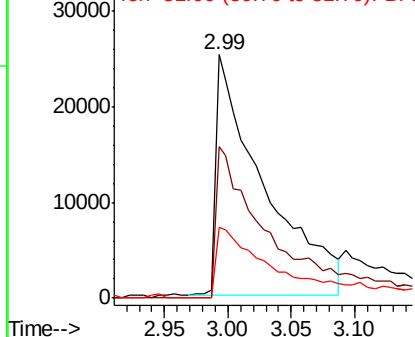


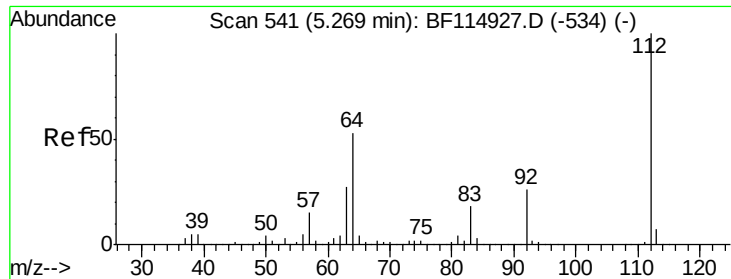
Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1





#5

2-Fluorophenol

Concen: 41.776 ng/mL

RT: 5.35 min Scan# 555

Delta R.T. 0.08 min

Lab File: BF114965.D

Acq: 12 Jun 2019 1:06

Instrument :

BNA_F

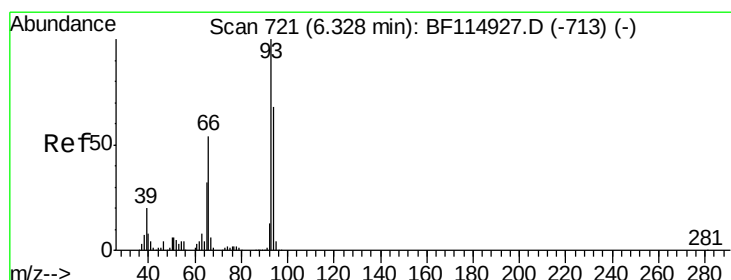
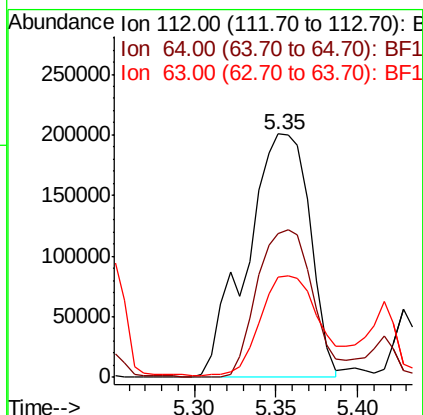
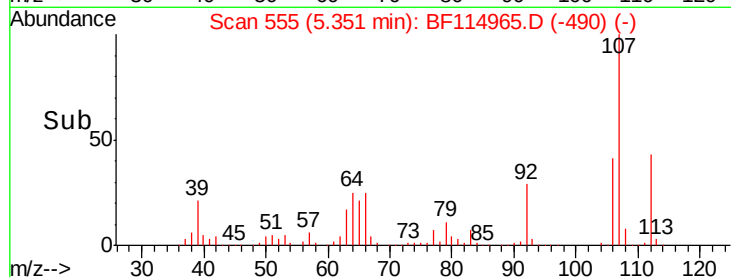
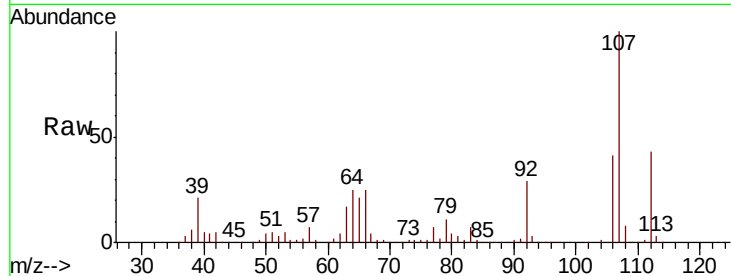
ClientSampleId :

MW-1ADL

Tot Ion:	112	Resp:	536852
Ion Ratio	Lower	Upper	
112	100		
64	59.2	42.1	63.1
63	41.0	21.8	32.8#

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#6

Aniline

Concen: 78.272 ng/mL

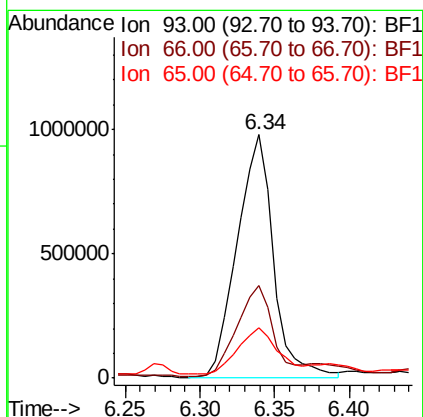
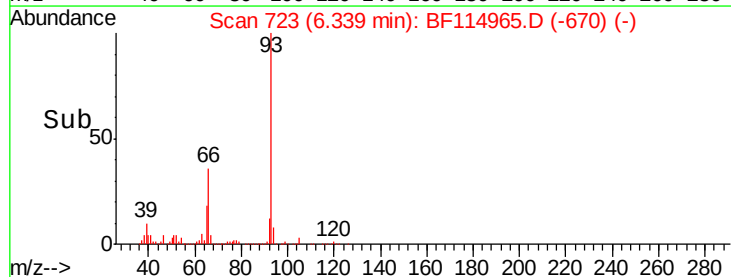
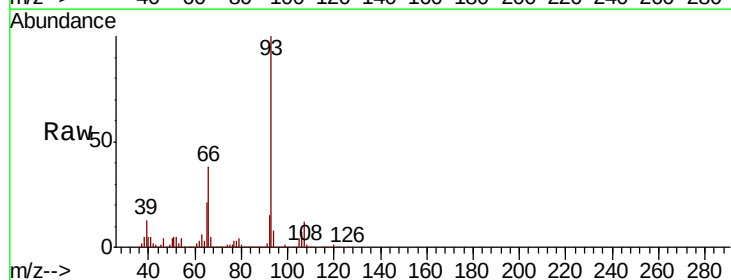
RT: 6.34 min Scan# 723

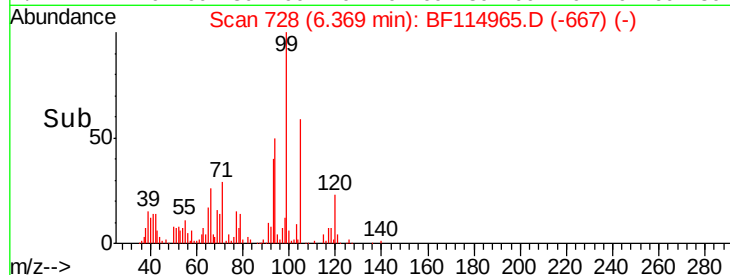
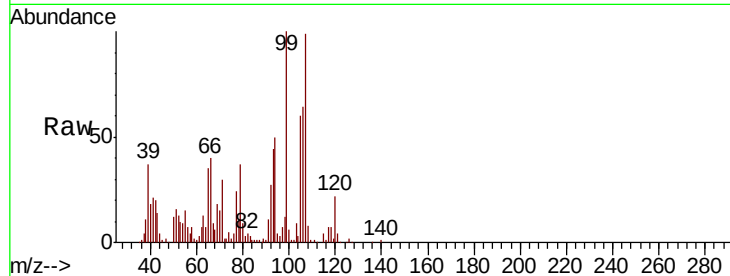
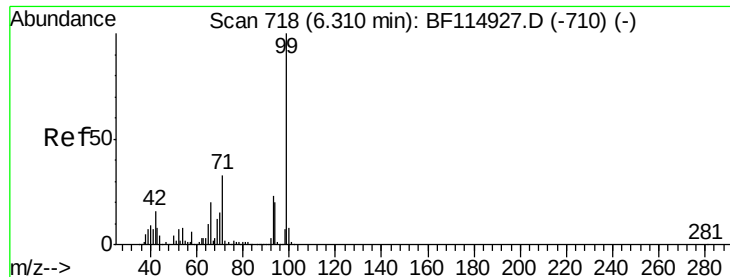
Delta R.T. 0.01 min

Lab File: BF114965.D

Acq: 12 Jun 2019 1:06

Tgt Ion:	93	Resp:	1643453
Ion Ratio	Lower	Upper	
93	100		
66	38.1	43.6	65.4#
65	20.6	25.7	38.5#





#7

Phenol-d6

Concen: 18.998 ng/mL

RT: 6.37 min Scan# 728

Delta R.T. 0.06 min

Lab File: BF114965.D

Acq: 12 Jun 2019 1:06

Tot Ion:	99	Resp:	294485
Ion Ratio	Lower	Upper	
99	100		
42	19.8	13.1	19.7#
71	29.7	26.8	40.2

Instrument :

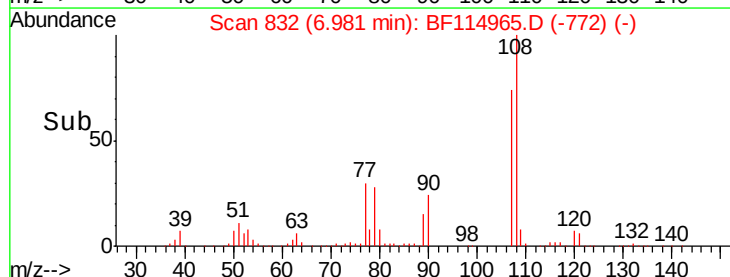
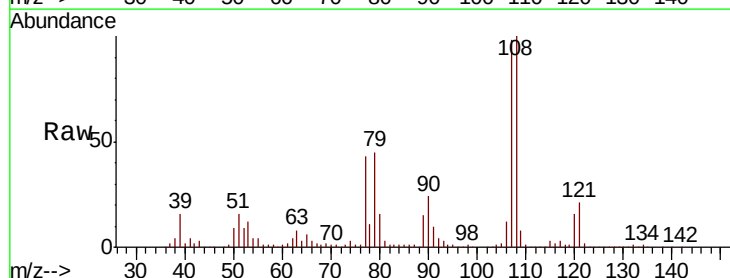
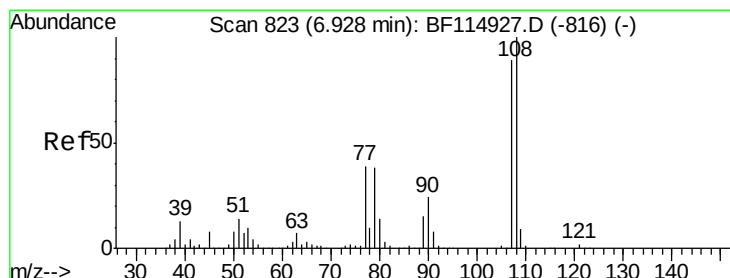
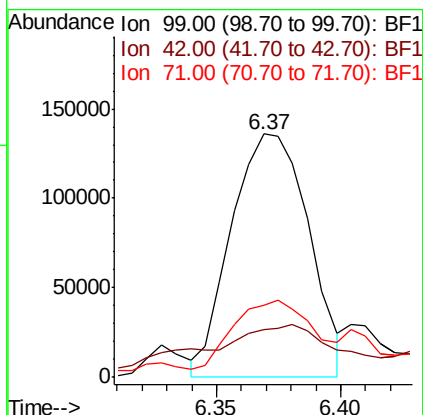
BNA_F

ClientSampleId :

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#17

2-Methylphenol

Concen: 147.137 ng/mL

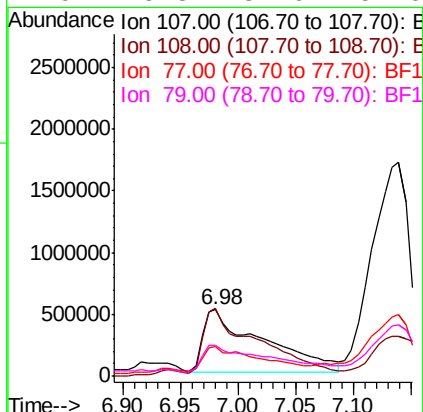
RT: 6.98 min Scan# 832

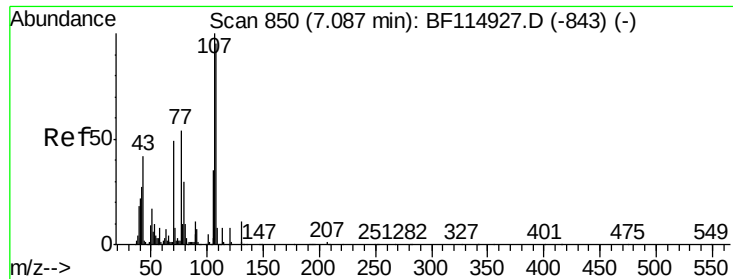
Delta R.T. 0.05 min

Lab File: BF114965.D

Acq: 12 Jun 2019 1:06

Tgt Ion:	107	Resp:	1806914
Ion Ratio	Lower	Upper	
107	100		
108	101.6	90.2	135.2
77	43.8	35.4	53.0
79	45.8	34.6	52.0





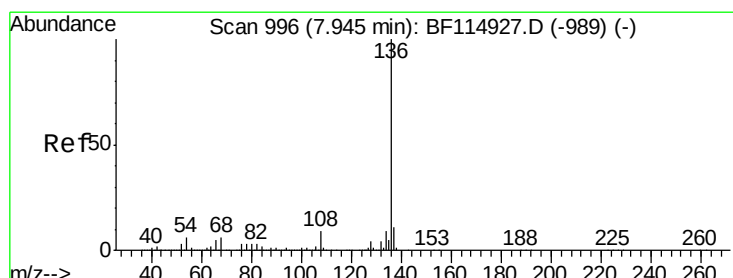
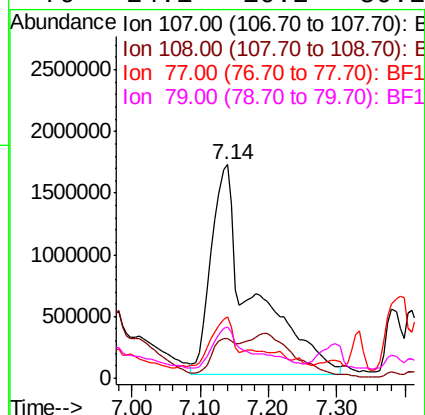
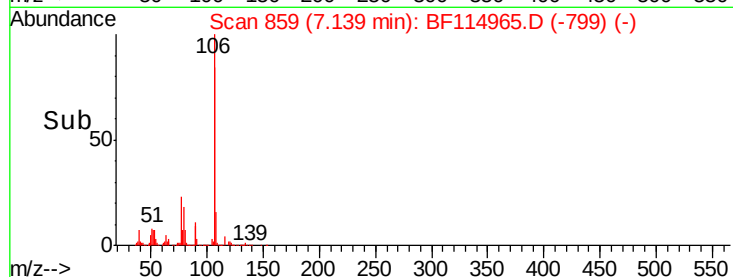
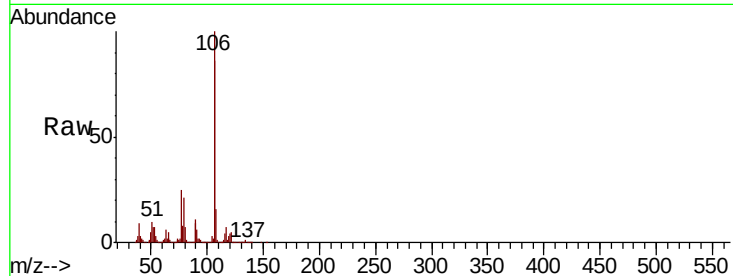
#20
3+4-Methylphenols
Concen: 524.199 ng/mL
RT: 7.14 min Scan# 859
Delta R.T. 0.05 min
Lab File: BF114965.D
Acq: 12 Jun 2019 1:06

Instrument :
BNA_F
ClientSampleId :
MW-1ADL

Tot Ion	Ion	Ratio	Lower	Upper
7207849	107	100		
	108	18.7	74.7	114.7#
	77	28.6	33.7	73.7#
	79	24.1	10.2	50.2

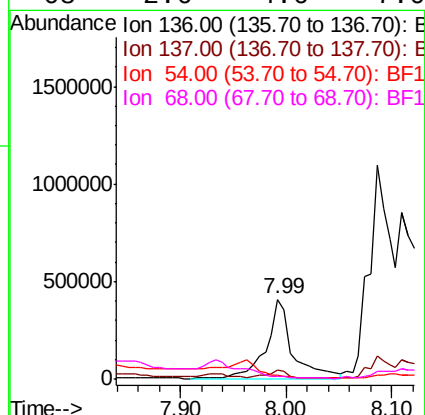
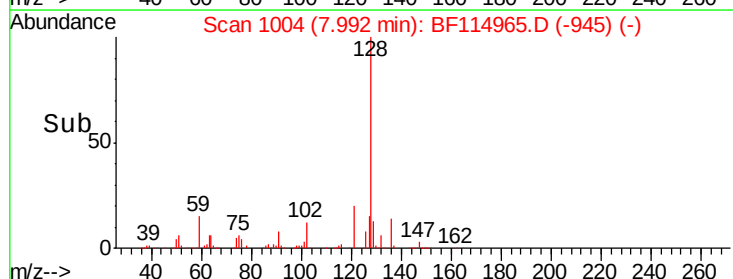
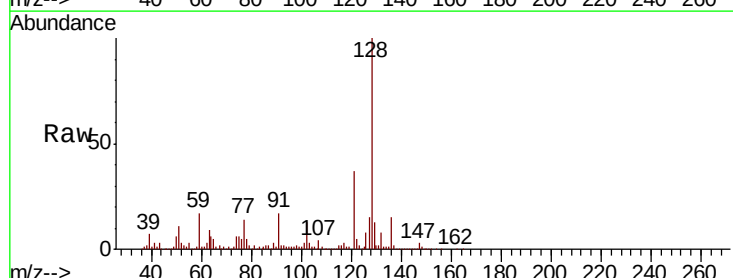
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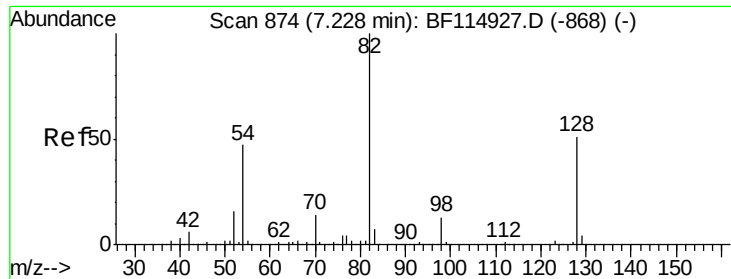
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.05 min
Lab File: BF114965.D
Acq: 12 Jun 2019 1:06

Tgt Ion	Ion	Ratio	Lower	Upper
688557	136	100		
	137	10.9	9.0	13.6
	54	4.2	5.2	7.8#
	68	2.6	4.6	7.0#





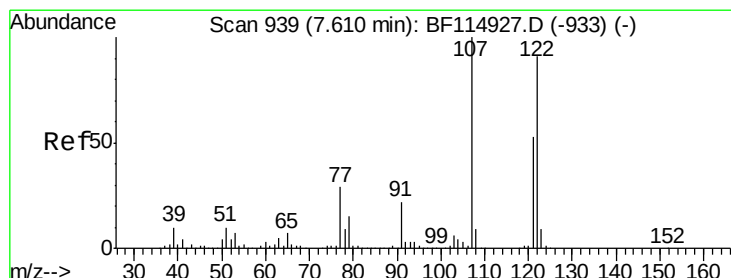
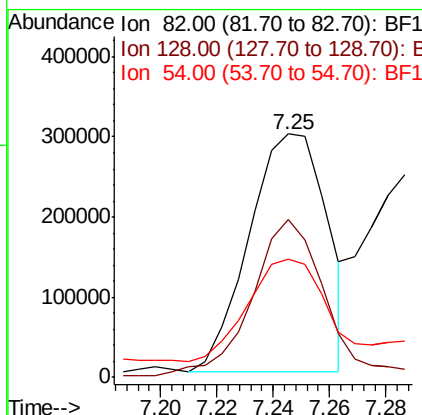
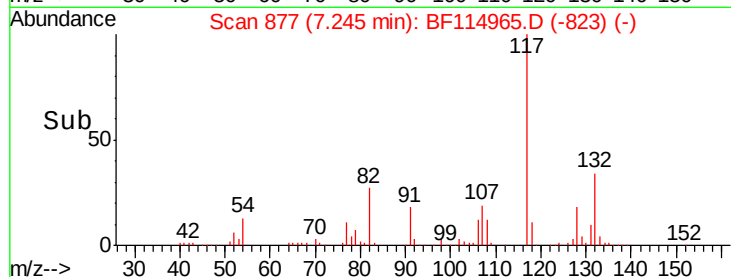
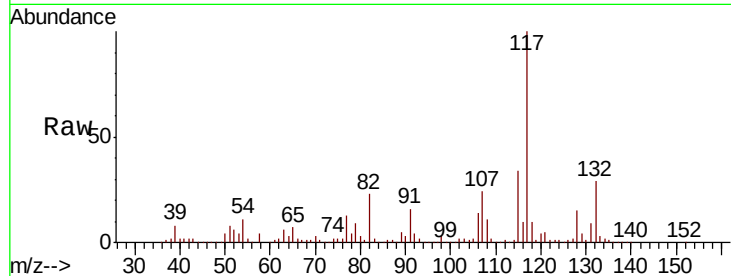
#23
 Nitrobenzene-d5
 Concen: 50.490 ng
 RT: 7.25 min Scan# 877
 Delta R.T. 0.02 min
 Lab File: BF114965.D
 Acq: 12 Jun 2019 1:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1ADL

Tot Ion	Ratio	Lower	Upper
82	100		
128	64.9	40.9	61.3#
54	48.8	37.4	56.0

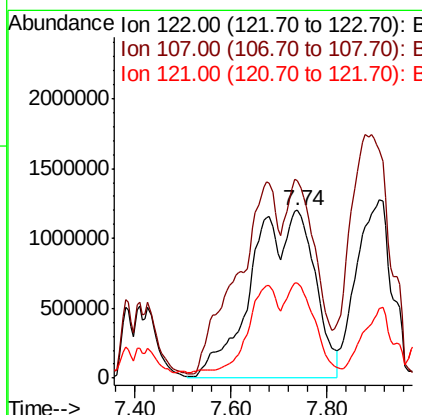
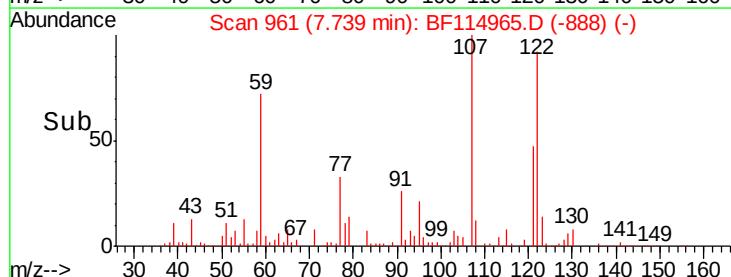
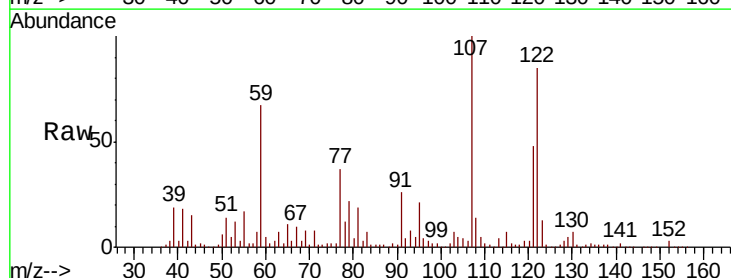
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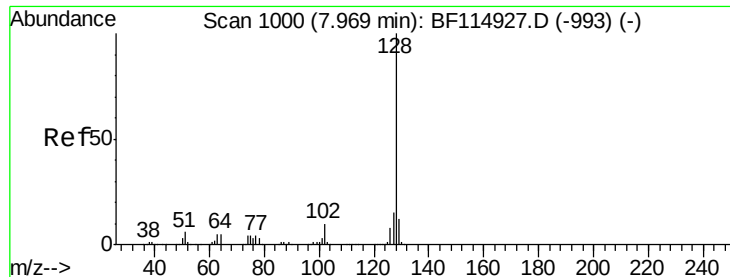
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#27
 2,4-Dimethylphenol
 Concen: 1161.677 ng m
 RT: 7.74 min Scan# 961
 Delta R.T. 0.13 min
 Lab File: BF114965.D
 Acq: 12 Jun 2019 1:06

Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.4	88.0	132.0
121	56.7	47.0	70.6





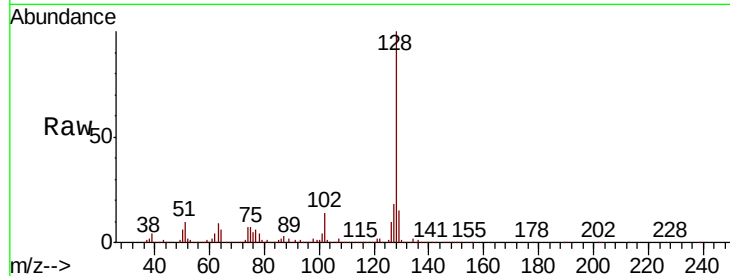
#31
Naphthalene
Concen: 753.136 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.09 min
Lab File: BF114965.D
Acq: 12 Jun 2019 1:06

Instrument :
BNA_F
ClientSampled :
MW-1ADL

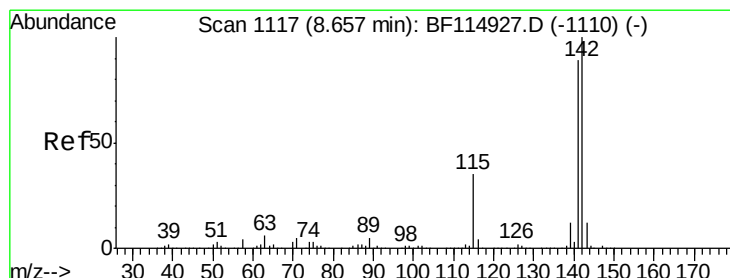
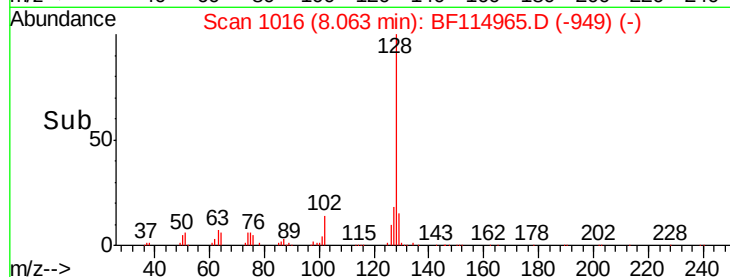
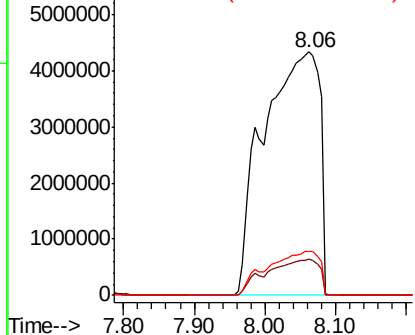
Tot Ion:128 Resp:23894882
Ion Ratio Lower Upper
128 100
129 15.1 9.8 14.8#
127 18.3 11.8 17.6#

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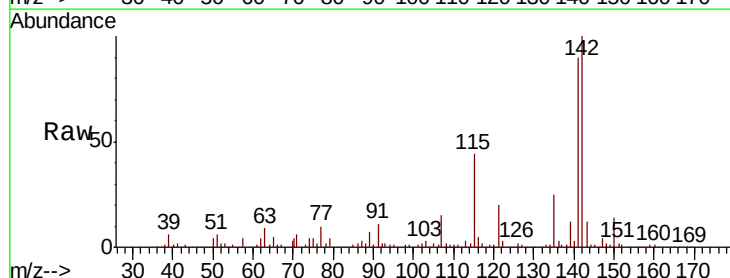


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

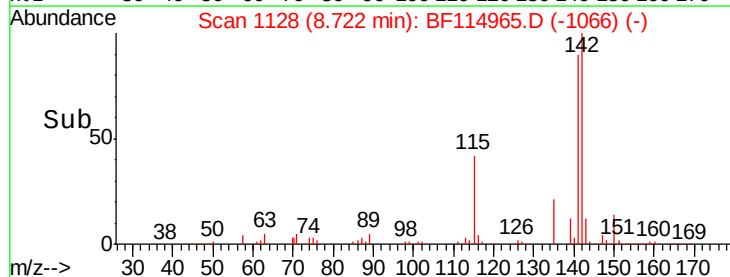
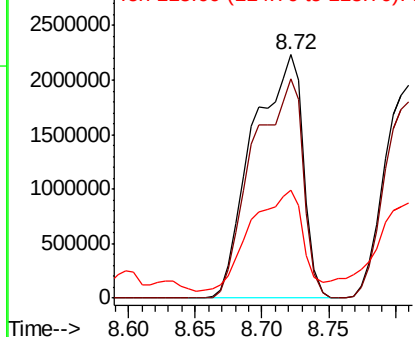


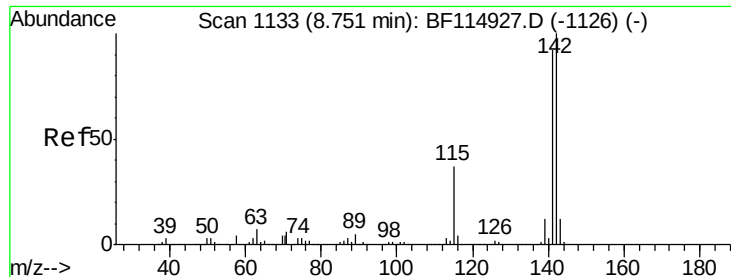
#37
2-Methylnaphthalene
Concen: 269.628 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.06 min
Lab File: BF114965.D
Acq: 12 Jun 2019 1:06

Tgt Ion:142 Resp: 5813127
Ion Ratio Lower Upper
142 100
141 90.2 71.1 106.7
115 44.5 27.8 41.6#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





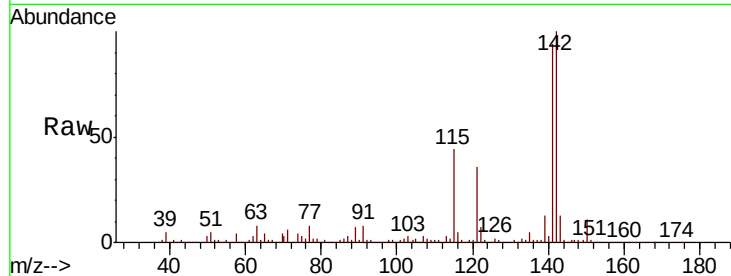
#38
1-Methylnaphthalene
Concen: 213.198 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.06 min
Lab File: BF114965.D
Acq: 12 Jun 2019 1:06

Instrument :
BNA_F
ClientSampleId :
MW-1ADL

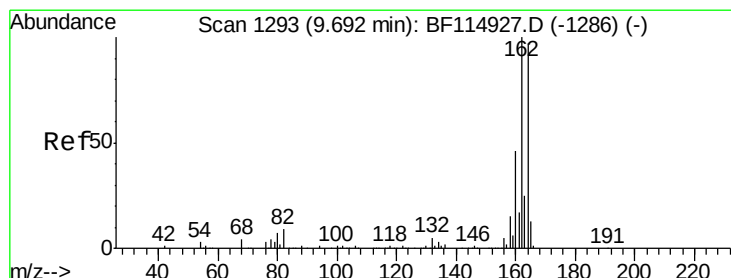
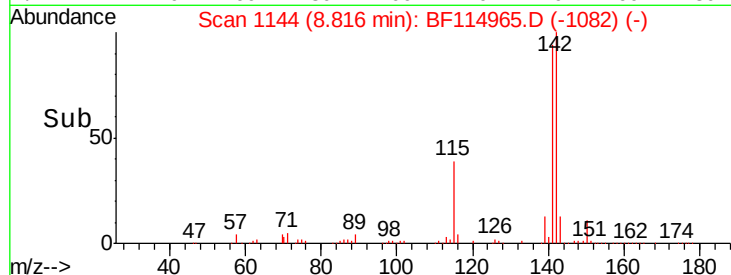
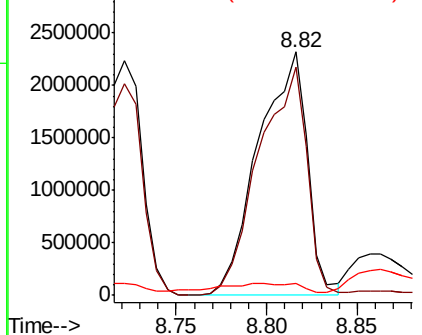
Tot Ion:142 Resp: 4347266
Ion Ratio Lower Upper
142 100
141 93.6 73.7 110.5
116 4.9 3.1 4.7#

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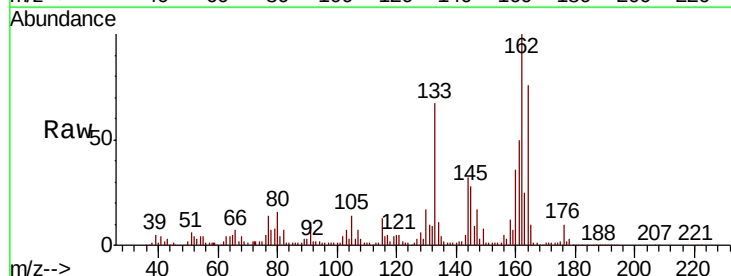


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

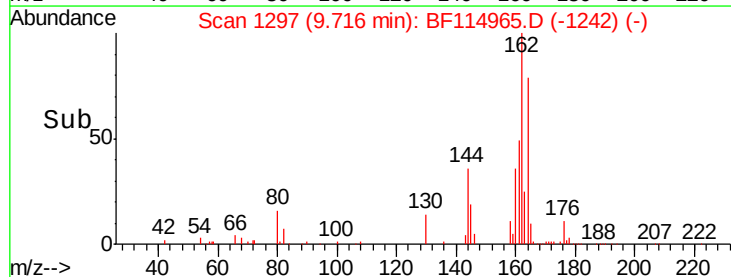
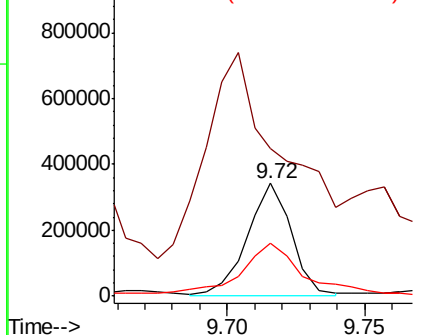


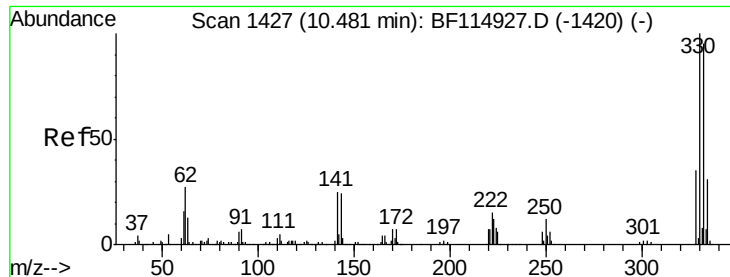
#39
Acenaphthene-d10
Concen: 20.000 ng m
RT: 9.72 min Scan# 1297
Delta R.T. 0.02 min
Lab File: BF114965.D
Acq: 12 Jun 2019 1:06

Tgt Ion:164 Resp: 379542
Ion Ratio Lower Upper
164 100
162 131.2 82.4 123.6#
160 47.5 37.5 56.3



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





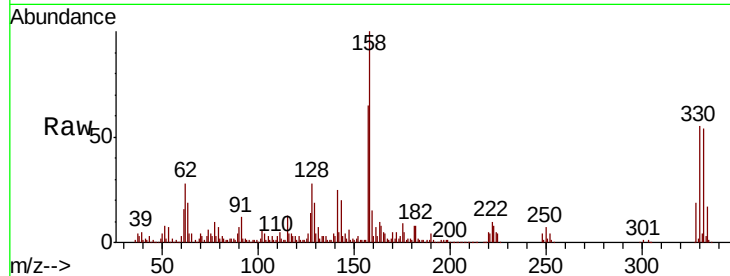
#42
 2,4,6-Tribromophenol
 Concen: 58.097 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.01 min
 Lab File: BF114965.D
 Acq: 12 Jun 2019 1:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1ADL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	239867		
332	96.8	76.4	114.6	
141	80.1	26.8	40.2	

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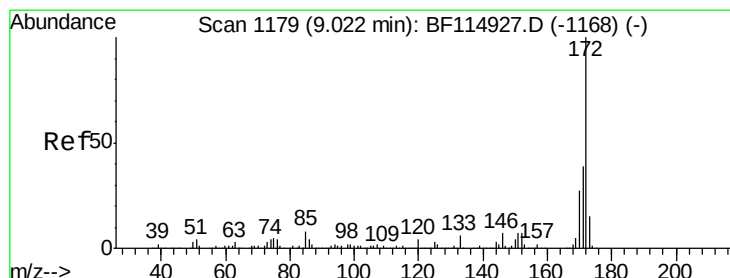
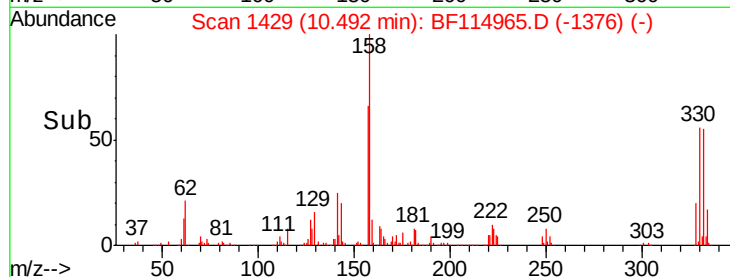
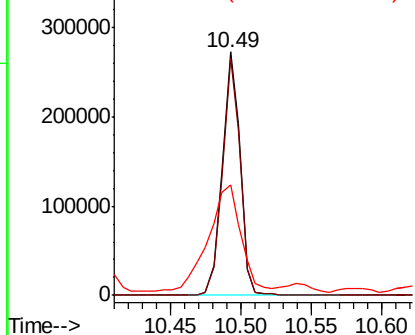


Abundance

Ion 329.80 (329.50 to 330.50): E

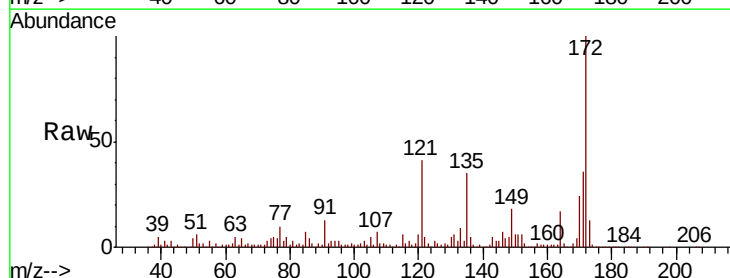
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 50.753 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.04 min
 Lab File: BF114965.D
 Acq: 12 Jun 2019 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1213750		
171	35.5	31.3	46.9	
170	23.8	21.4	32.0	

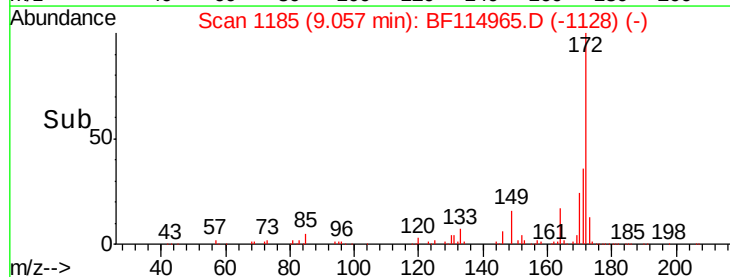
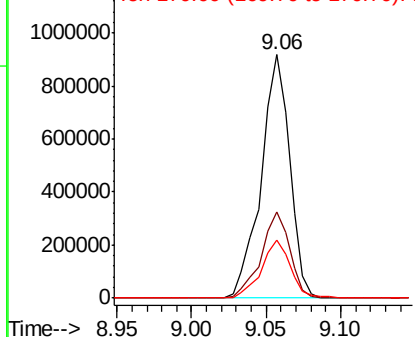


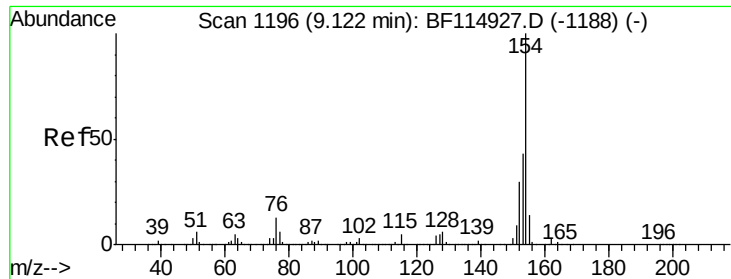
Abundance

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





#46

1,1'-Biphenyl

Concen: 37.673 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.03 min

Lab File: BF114965.D

Acq: 12 Jun 2019 1:06

Instrument :

BNA_F

ClientSampleId :

MW-1ADL

Tot Ion:154 Resp: 1069722

Ion Ratio Lower Upper

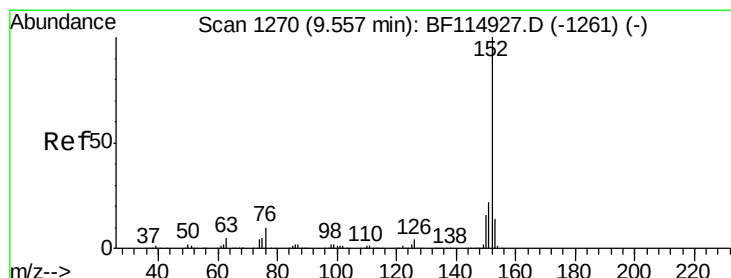
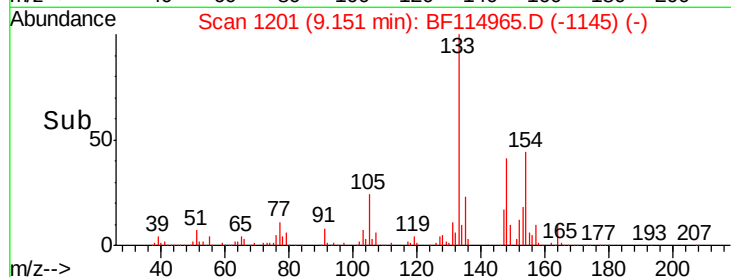
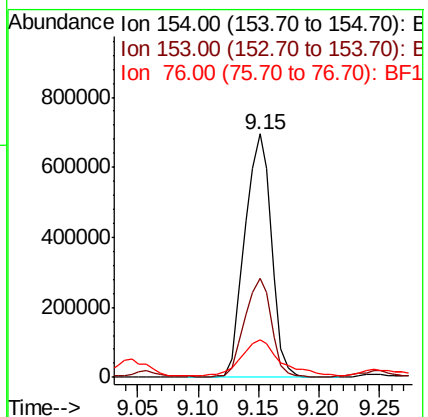
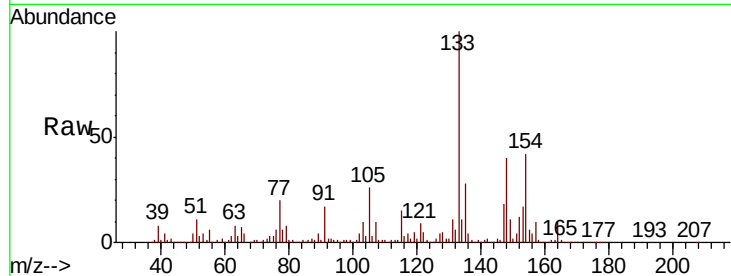
154 100

153 40.6 22.8 62.8

76 15.5 0.0 33.0

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#49

Acenaphthylene

Concen: 4.448 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.02 min

Lab File: BF114965.D

Acq: 12 Jun 2019 1:06

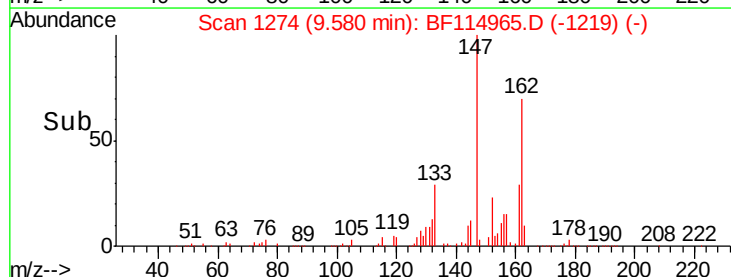
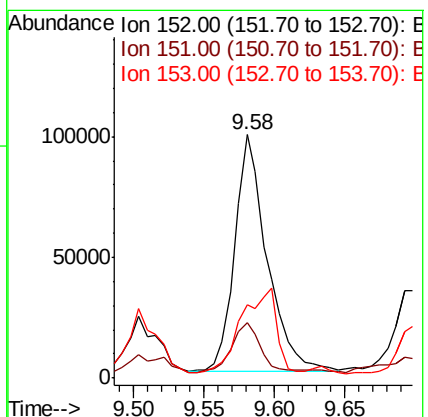
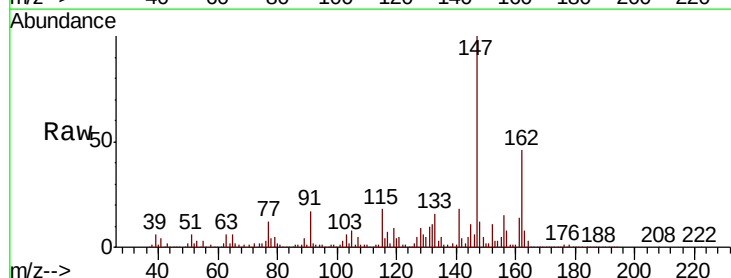
Tgt Ion:152 Resp: 157102

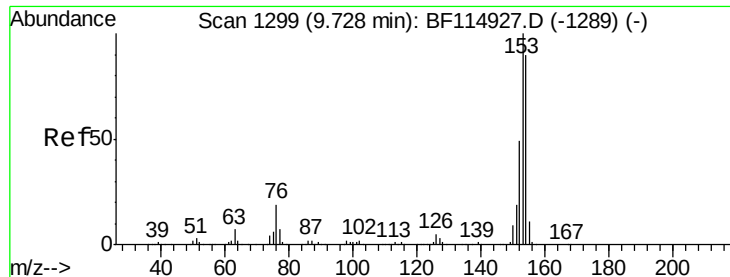
Ion Ratio Lower Upper

152 100

151 23.0 17.6 26.4

153 30.0 11.4 17.0#





#52

Acenaphthene

Concen: 61.182 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.02 min

Lab File: BF114965.D

Acq: 12 Jun 2019 1:06

Instrument :

BNA_F

ClientSampleId :

MW-1ADL

Tot Ion:154 Resp: 1309259

Ion Ratio Lower Upper

154 100

153 112.4 89.1 133.7

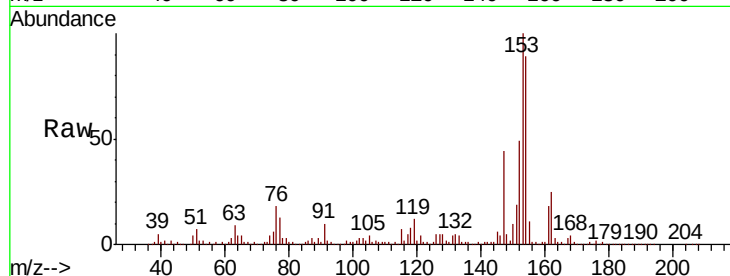
152 54.9 43.8 65.6

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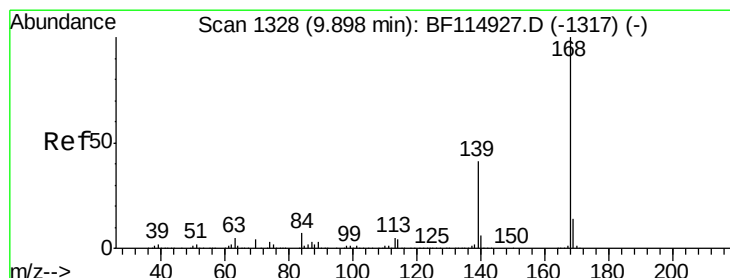
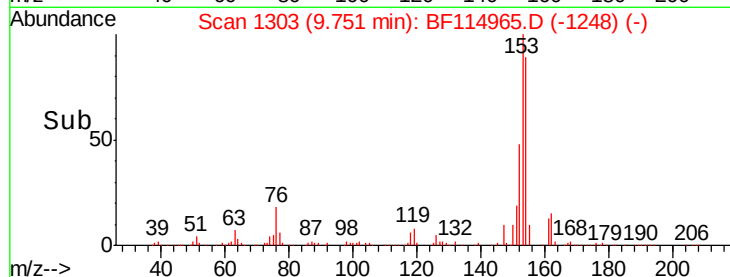
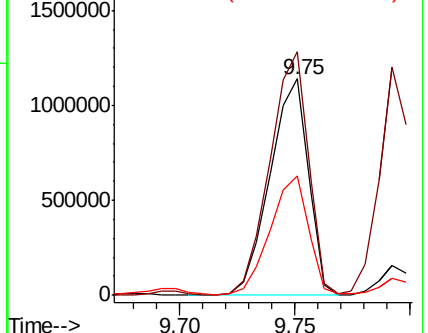
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 48.990 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.02 min

Lab File: BF114965.D

Acq: 12 Jun 2019 1:06

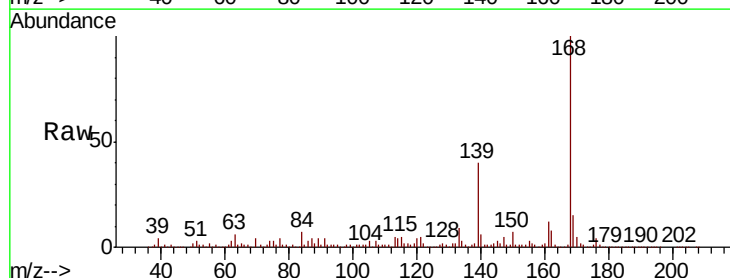
Tgt Ion:168 Resp: 1496526

Ion Ratio Lower Upper

168 100

139 39.9 33.0 49.4

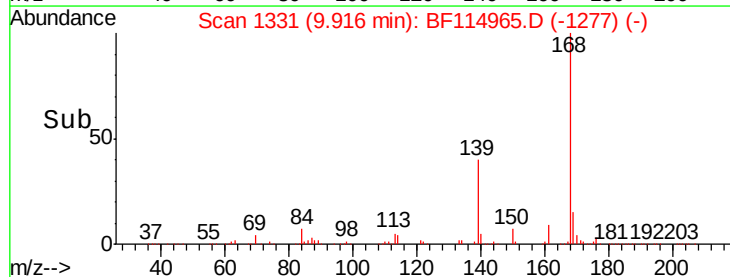
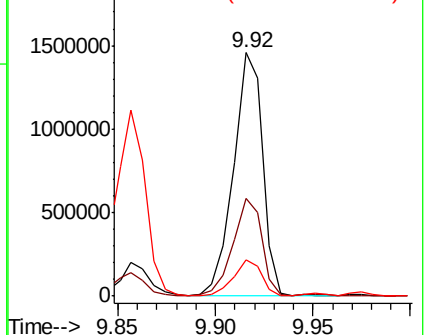
169 14.7 11.6 17.4

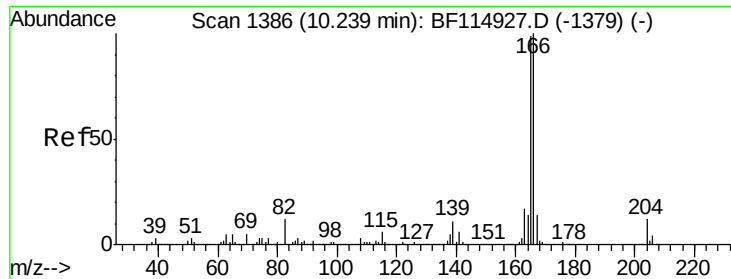


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#58

Fluorene

Concen: 30.644 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.01 min

Lab File: BF114965.D

Acq: 12 Jun 2019 1:06

Instrument :

BNA_F

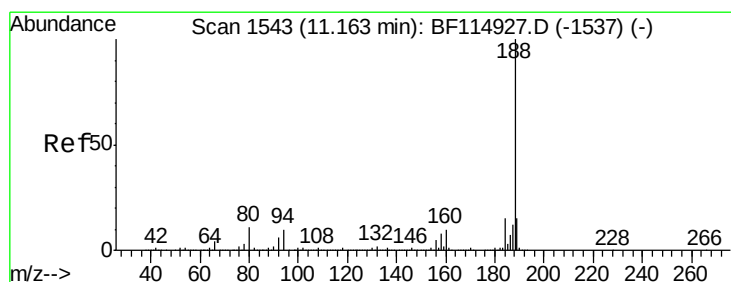
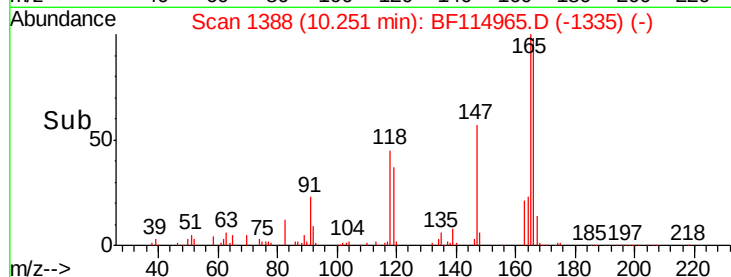
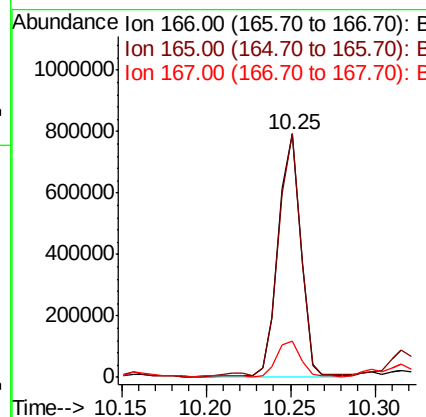
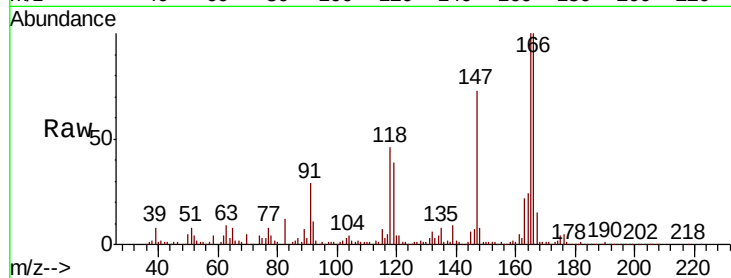
ClientSampleId :

MW-1ADL

Tot Ion:	166	Resp:	721584
Ion Ratio	Lower	Upper	
166	100		
165	99.8	79.2	118.8
167	14.9	11.0	16.6

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#64

Phenanthrene-d10

Concen: 20.000 ng

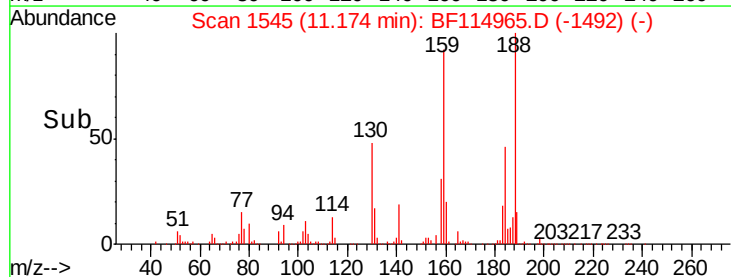
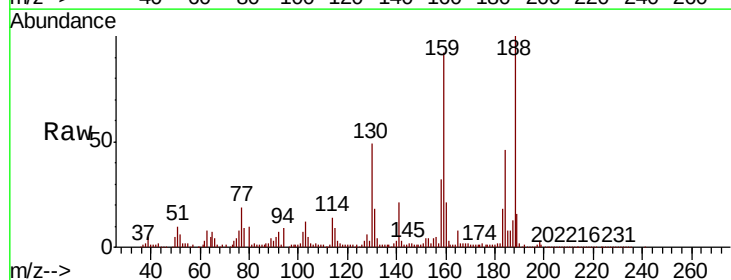
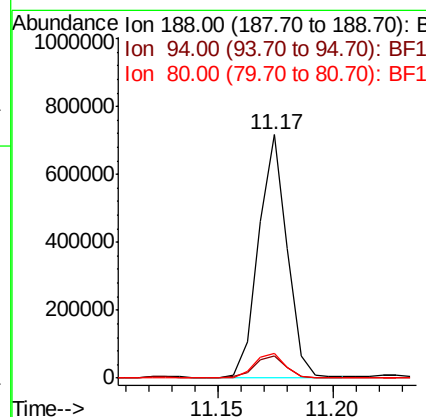
RT: 11.17 min Scan# 1545

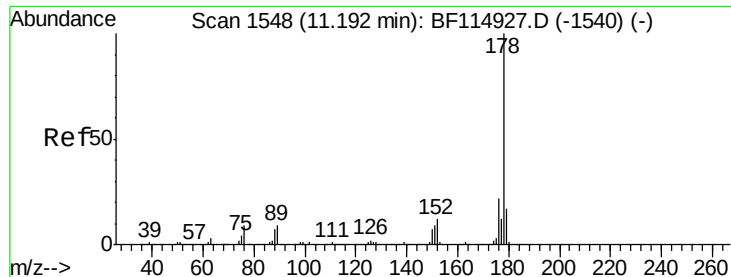
Delta R.T. 0.01 min

Lab File: BF114965.D

Acq: 12 Jun 2019 1:06

Tgt Ion:	188	Resp:	612649
Ion Ratio	Lower	Upper	
188	100		
94	9.2	8.1	12.1
80	10.3	8.6	12.8





#71

Phenanthrene

Concen: 17.458 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BF114965.D

Acq: 12 Jun 2019 1:06

Instrument :

BNA_F

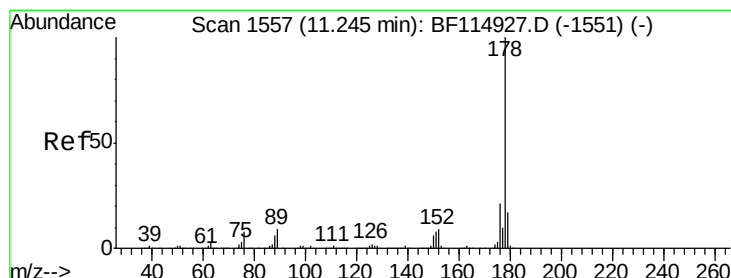
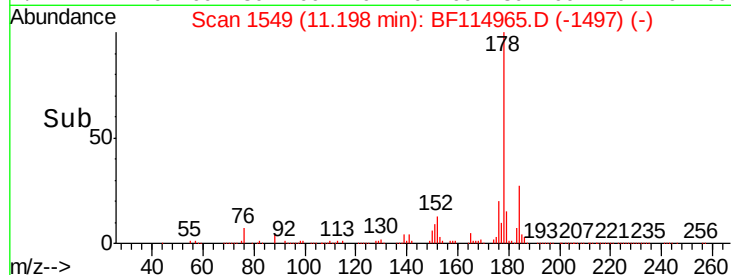
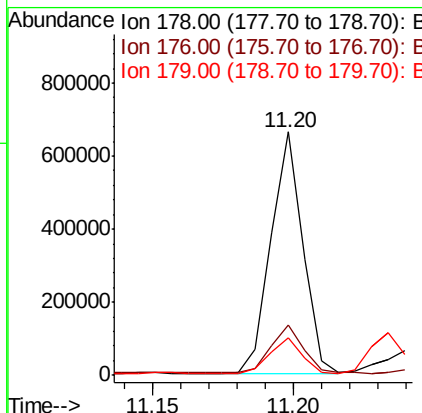
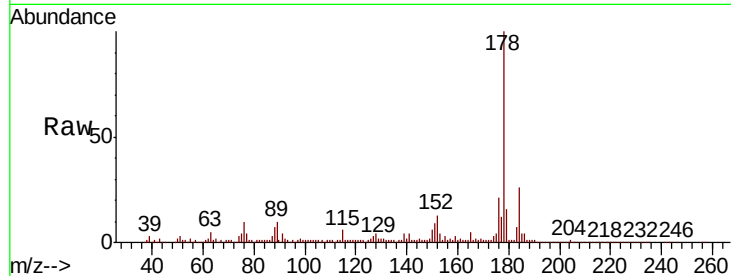
ClientSampleId :

MW-1ADL

Tot Ion:	178	Resp:	518936
Ion	Ratio	Lower	Upper
178	100		
176	20.6	17.4	26.2
179	15.7	13.6	20.4

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#72

Anthracene

Concen: 5.430 ng m

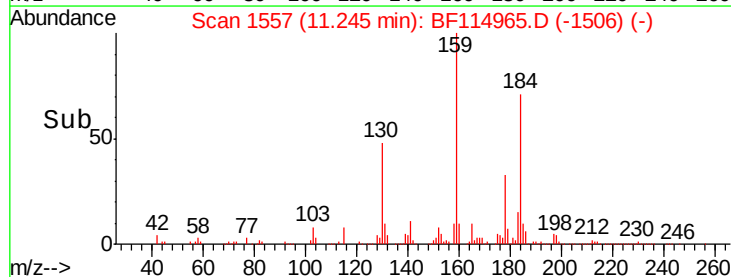
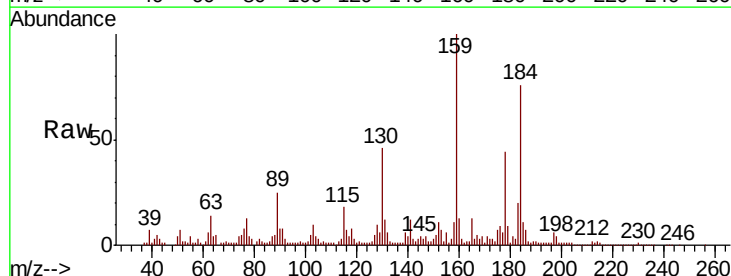
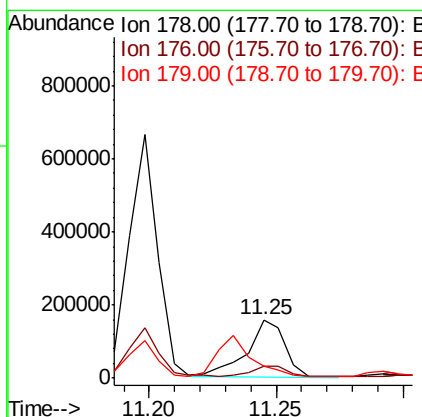
RT: 11.25 min Scan# 1557

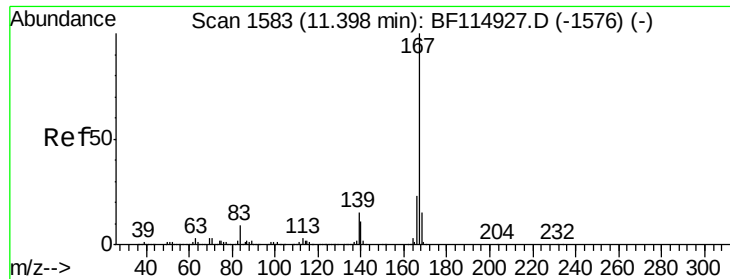
Delta R.T. -0.00 min

Lab File: BF114965.D

Acq: 12 Jun 2019 1:06

Tgt Ion:	178	Resp:	163818
Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.6	25.0
179	20.6	13.4	20.2#





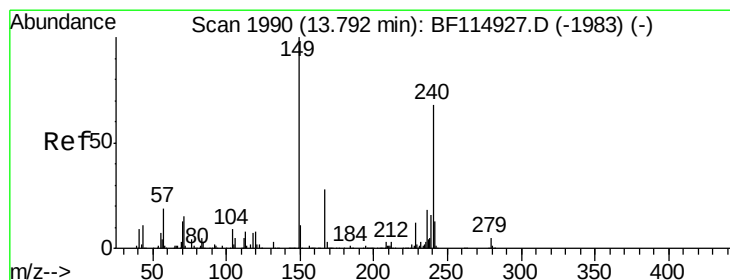
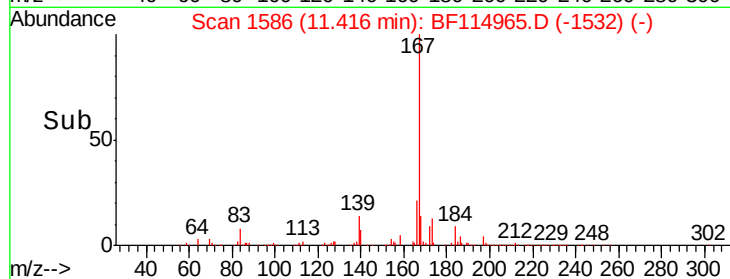
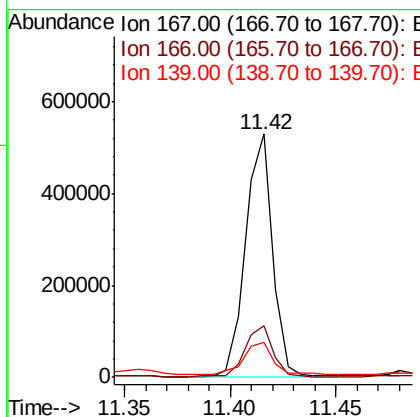
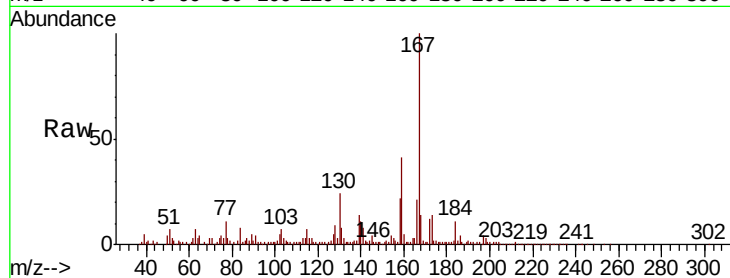
#73
 Carbazole
 Concen: 16.872 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.02 min
 Lab File: BF114965.D
 Acq: 12 Jun 2019 1:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1ADL

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	18.8	28.2
139	14.2	11.6	17.4

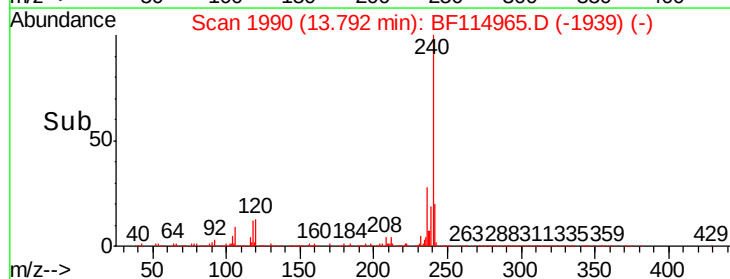
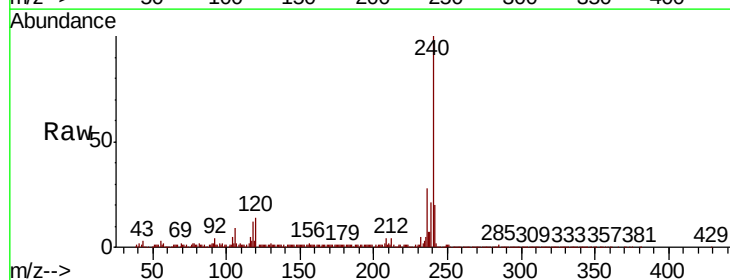
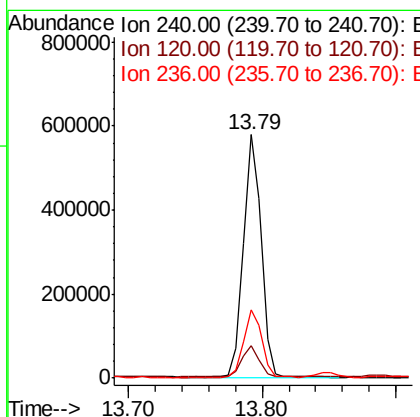
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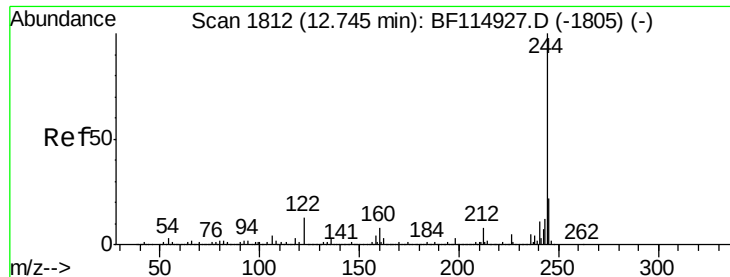
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.00 min
 Lab File: BF114965.D
 Acq: 12 Jun 2019 1:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.2	13.8
236	28.2	21.7	32.5





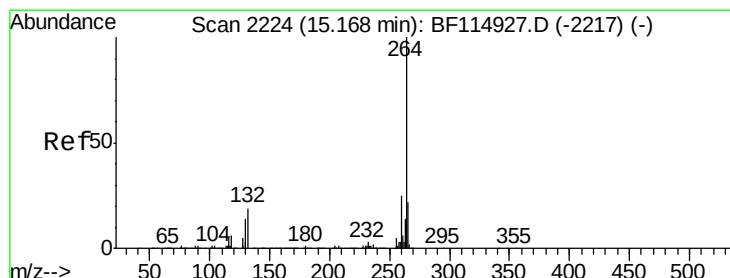
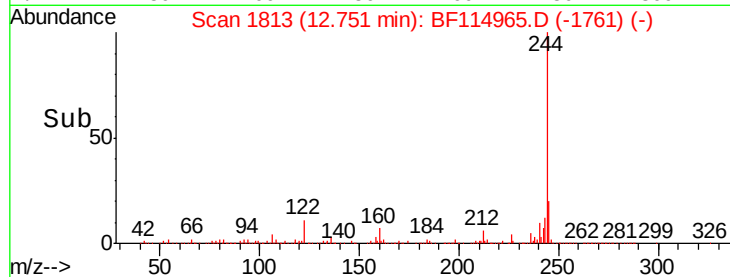
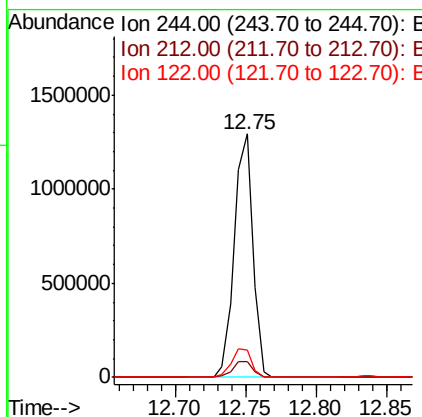
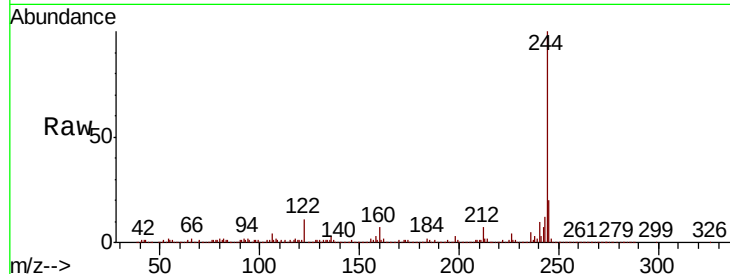
#79
 Terphenyl-d14
 Concen: 44.385 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. 0.01 min
 Lab File: BF114965.D
 Acq: 12 Jun 2019 1:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1ADL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.2	9.2
122	11.4	10.2	15.4

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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.17 min Scan# 2225
 Delta R.T. 0.01 min
 Lab File: BF114965.D
 Acq: 12 Jun 2019 1:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	22.7	17.5	26.3

