

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070219\
 Data File : BF115381.D
 Acq On : 3 Jul 2019 00:53
 Operator : HP/JU
 Sample : K3634-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-2

Quant Time: Jul 03 05:59:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	210956	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	811397	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	393031	20.00	ng	0.01
64) Phenanthrene-d10	11.12	188	704720	20.00	ng	0.02
76) Chrysene-d12	13.75	240	398583	20.00	ng	0.03
87) Perylene-d12	15.12	264	367726	20.00	ng	0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	965198	70.61	ng	0.01
7) Phenol-d6	6.25	99	1223730	73.75	ng	0.01
23) Nitrobenzene-d5	7.17	82	730877	55.41	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	301361	72.71	ng	0.02
45) 2-Fluorobiphenyl	8.97	172	1308566	56.55	ng	0.00
79) Terphenyl-d14	12.70	244	1116299	59.55	ng	0.02

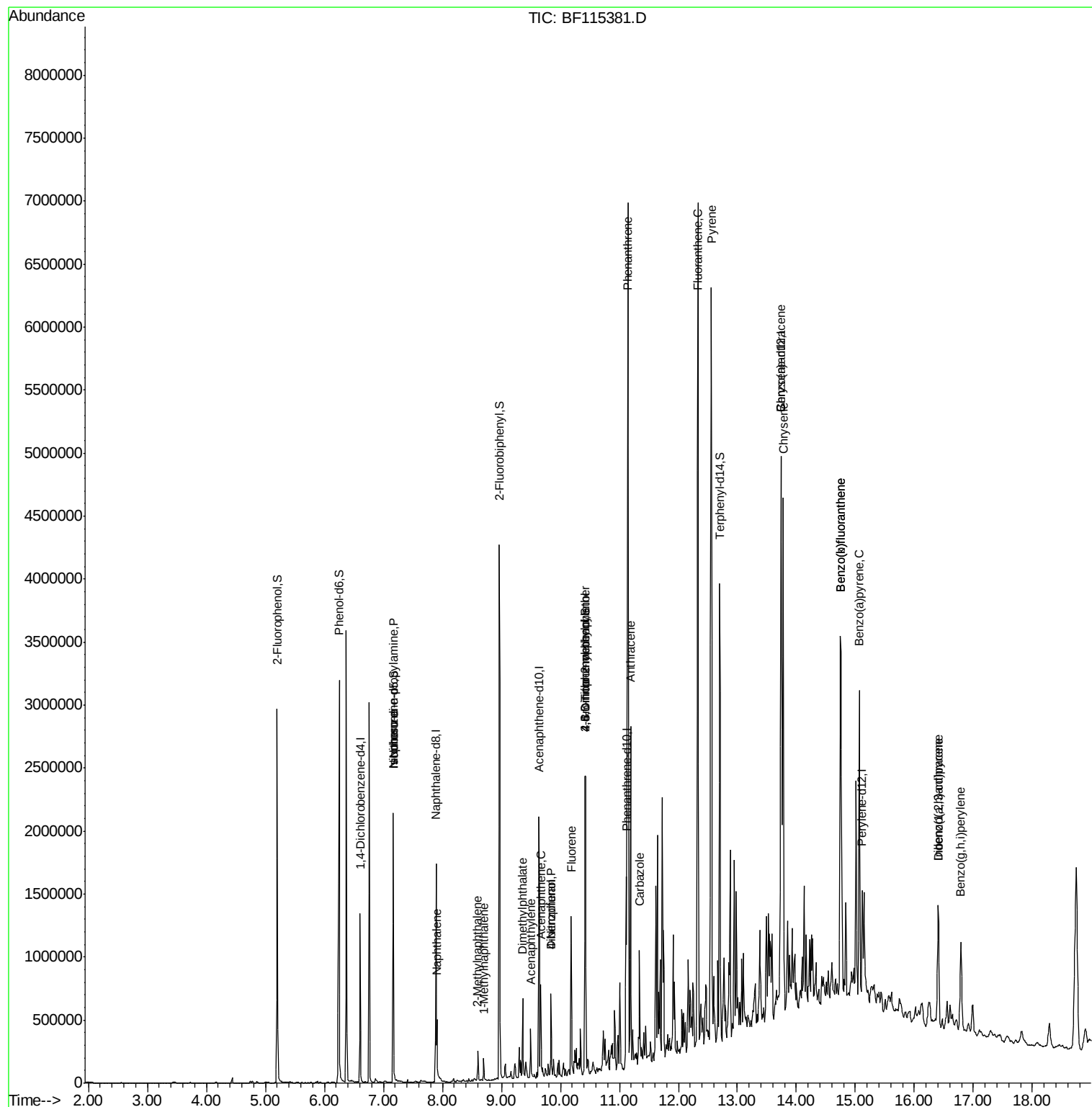
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.17	70	94957	8.939	ng	# 79
25) Isophorone	7.17	82	720596	26.668	ng	# 63
31) Naphthalene	7.91	128	206182	5.177	ng	96
37) 2-Methylnaphthalene	8.60	142	66112	2.462	ng	98
38) 1-Methylnaphthalene	8.70	142	53780	2.097	ng	99
49) Acenaphthylene	9.50	152	147305	3.706	ng	97
50) Dimethylphthalate	9.36	163	266096	9.202	ng	99
52) Acenaphthene	9.67	154	160404	6.450	ng	97
55) Dibenzofuran	9.84	168	234041	6.557	ng	96
56) 4-Nitrophenol	9.84	139	85744	13.128	ng	# 14
58) Fluorene	10.18	166	347406	9.408	ng	98
61) 4-Chlorophenyl-phenylether	10.01	204	119	Below Cal		# 1
65) 4,6-Dinitro-2-methylphenol	10.42	198	594	5.102	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	19229	2.517	ng	# 1
71) Phenanthrene	11.15	178	3207062	84.523	ng	99
72) Anthracene	11.20	178	1019625	26.621	ng	99
73) Carbazole	11.34	167	345922	10.114	ng	99
75) Fluoranthene	12.34	202	3458188	91.347	ng	98
78) Pyrene	12.56	202	3013991	98.396	ng	97
81) Benzo(a)anthracene	13.74	228	1823164	63.748	ng	98
83) Chrysene	13.78	228	1728800	65.990	ng	97
86) Indeno(1,2,3-cd)pyrene	16.41	276	598878	19.319	ng	94
88) Benzo(b)fluoranthene	14.75	252	2237022	97.495	ng	97
89) Benzo(k)fluoranthene	14.75	252	2237022	108.716	ng	100
90) Benzo(a)pyrene	15.07	252	1119721	54.143	ng	98
91) Dibenzo(a,h)anthracene	16.41	278	172164	8.917	ng	94
92) Benzo(g,h,i)perylene	16.79	276	530546	27.151	ng	97

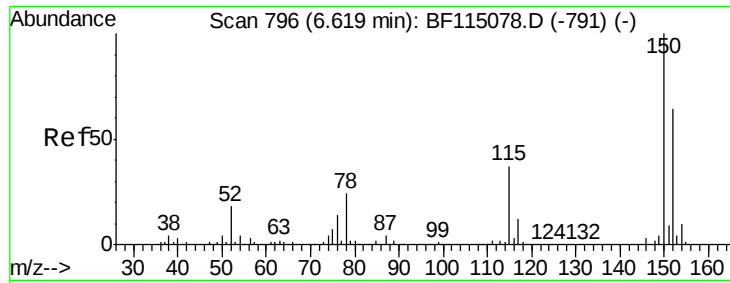
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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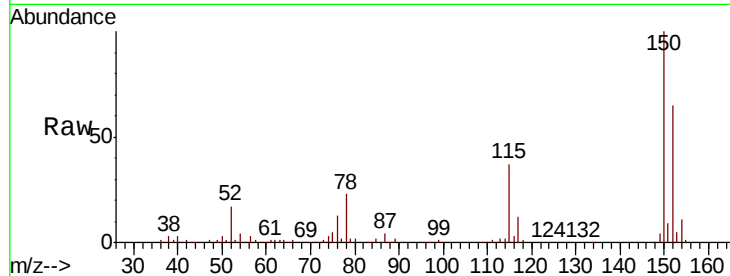




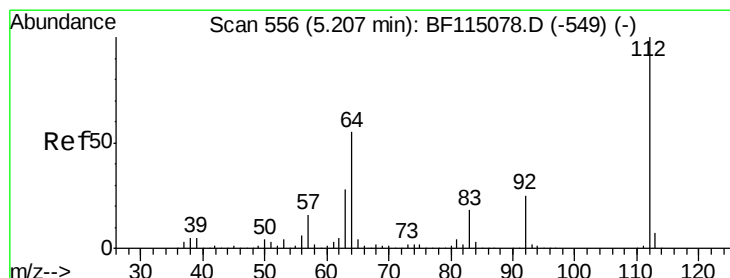
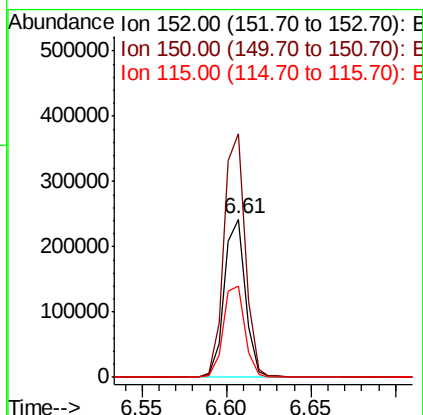
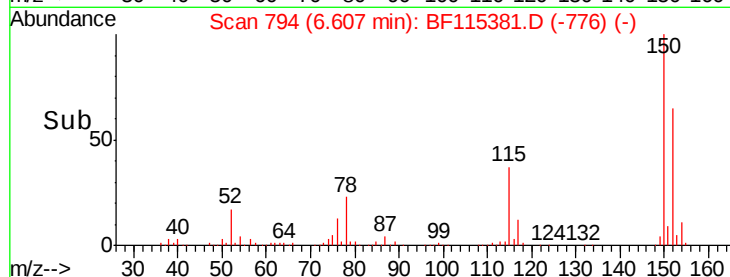
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 794
 Delta R.T. 0.01 min
 Lab File: BF115381.D
 Acq: 3 Jul 2019 00:53

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-2

Tgt Ion:152 Resp: 210956
 Ion Ratio Lower Upper
 152 100
 150 153.6 124.2 186.2
 115 57.5 46.1 69.1

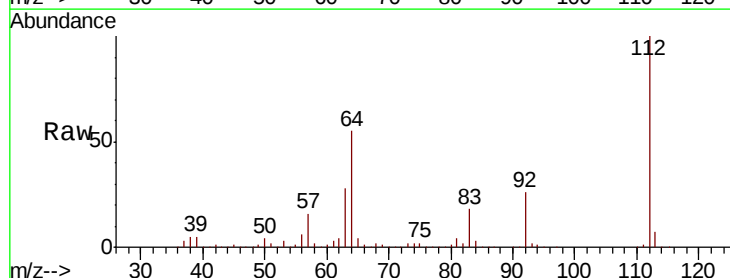


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

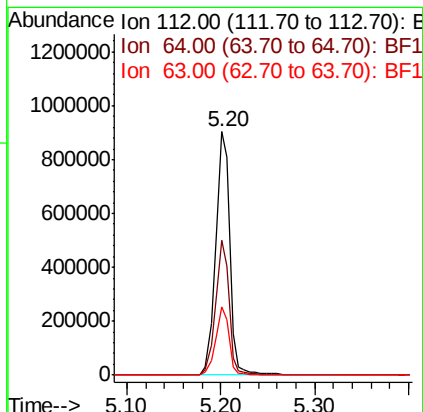
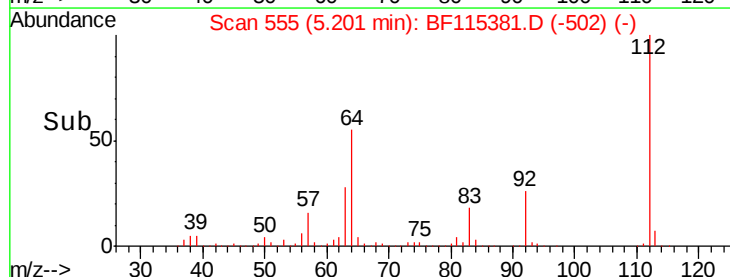


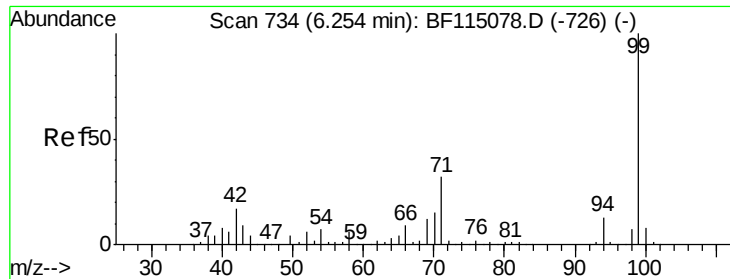
#5
 2-Fluorophenol
 Concen: 70.605 ng
 RT: 5.20 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF115381.D
 Acq: 3 Jul 2019 00:53

Tgt Ion:112 Resp: 965198
 Ion Ratio Lower Upper
 112 100
 64 55.2 43.8 65.6
 63 27.8 22.2 33.4



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: 73.752 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115381.D

Acq: 3 Jul 2019 00:53

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-2

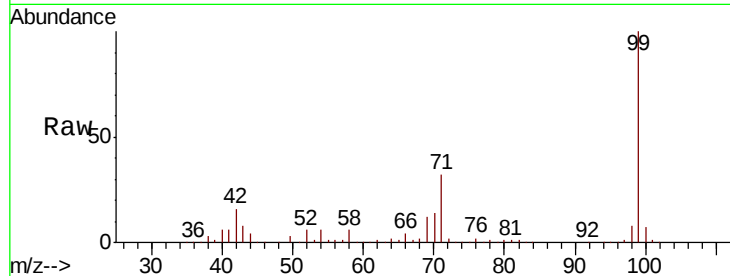
Tgt Ion: 99 Resp: 1223730

Ion Ratio Lower Upper

99 100

42 16.0 13.6 20.4

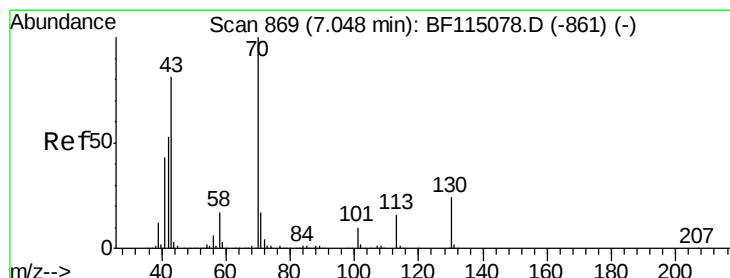
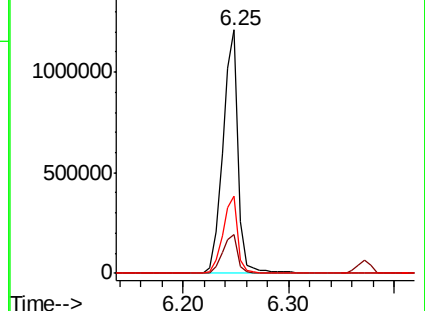
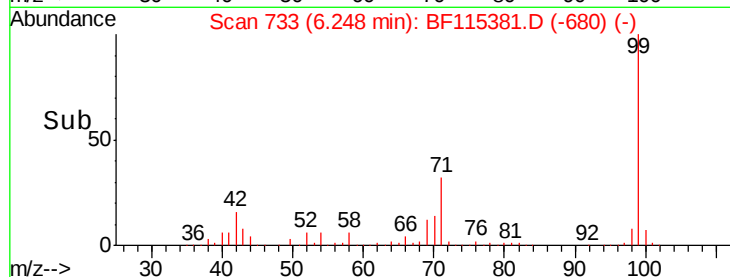
71 31.7 25.5 38.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 8.939 ng

RT: 7.17 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF115381.D

Acq: 3 Jul 2019 00:53

Tgt Ion: 70 Resp: 94957

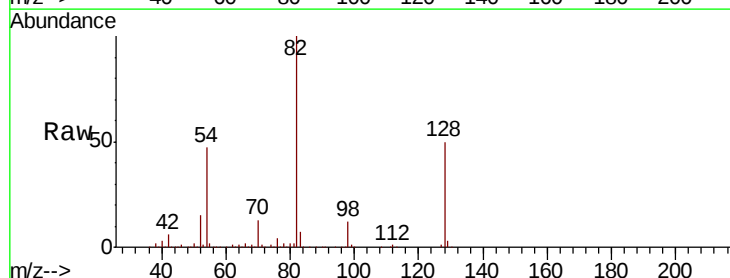
Ion Ratio Lower Upper

70 100

42 46.0 42.6 63.8

101 0.0 8.0 12.0#

130 2.3 19.4 29.0#

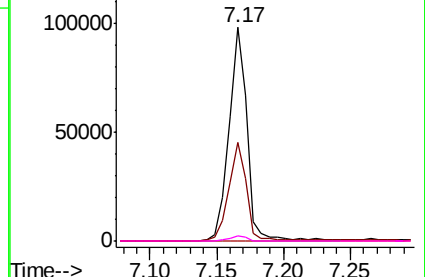
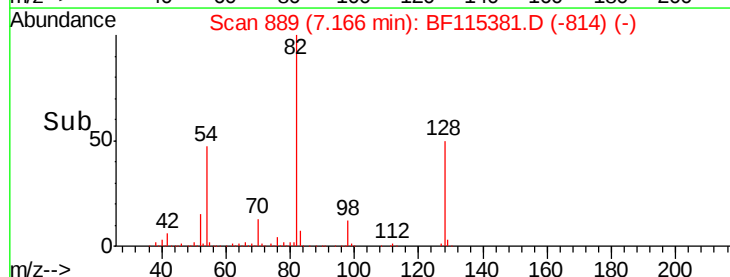


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

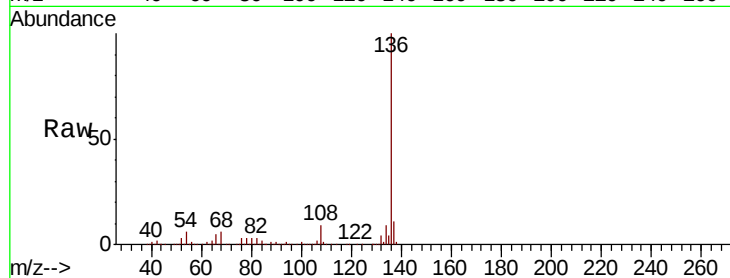




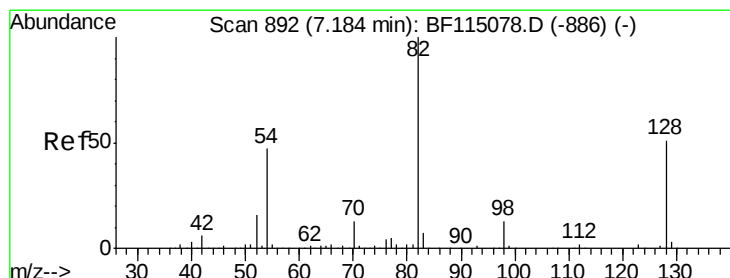
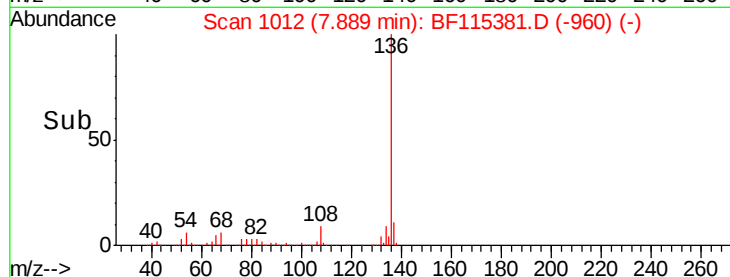
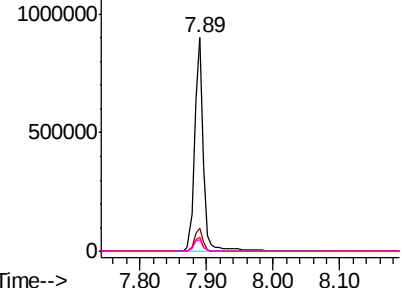
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF115381.D
Acq: 3 Jul 2019 00:53

Instrument :
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Tgt Ion:	136	Resp:	811397
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.4	5.6	8.4
68	5.7	4.8	7.2

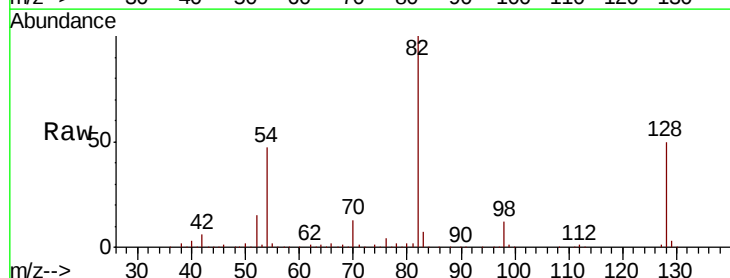


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

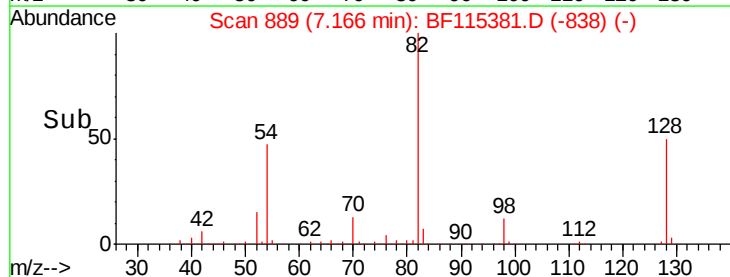
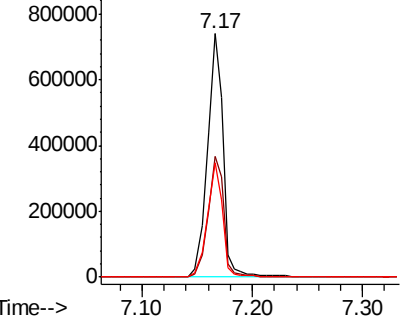


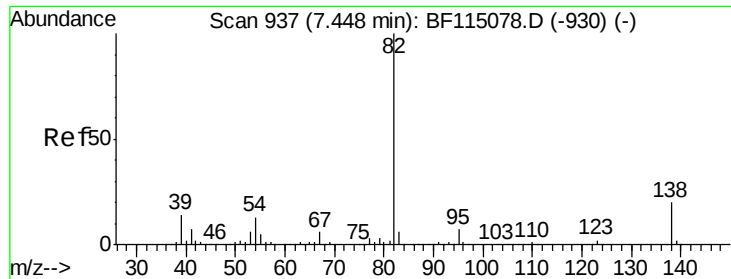
#23
Nitrobenzene-d5
Concen: 55.411 ng
RT: 7.17 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF115381.D
Acq: 3 Jul 2019 00:53

Tgt Ion:	82	Resp:	730877
Ion	Ratio	Lower	Upper
82	100		
128	49.5	40.4	60.6
54	47.2	37.5	56.3



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





#25

Isophorone

Concen: 26.668 ng

RT: 7.17 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF115381.D

Acq: 3 Jul 2019 00:53

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-2

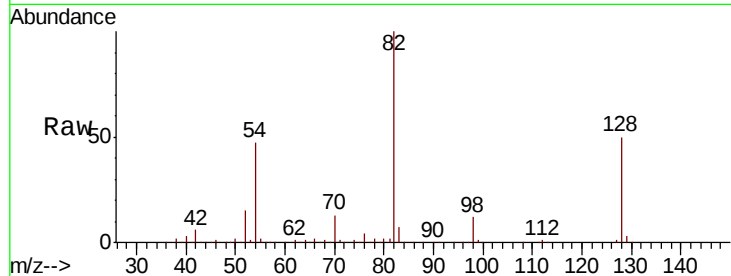
Tgt Ion: 82 Resp: 720596

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

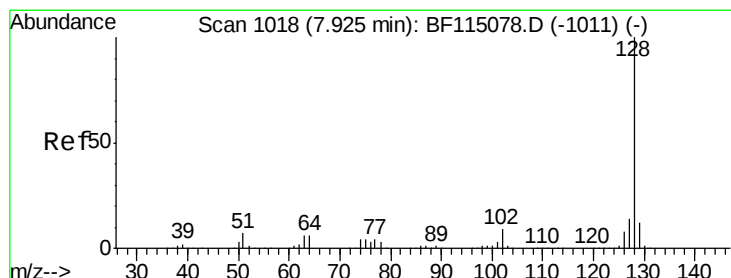
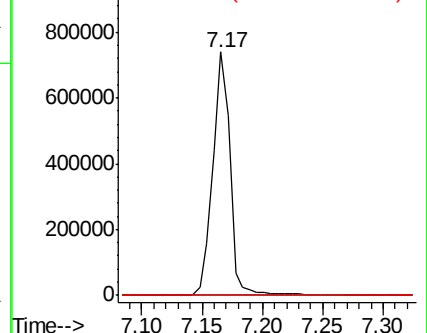
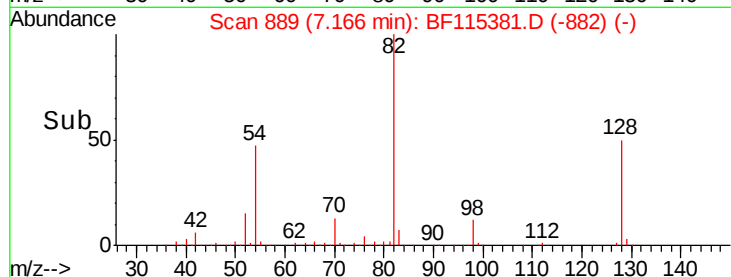
138 0.0 15.9 23.9#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 5.177 ng

RT: 7.91 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF115381.D

Acq: 3 Jul 2019 00:53

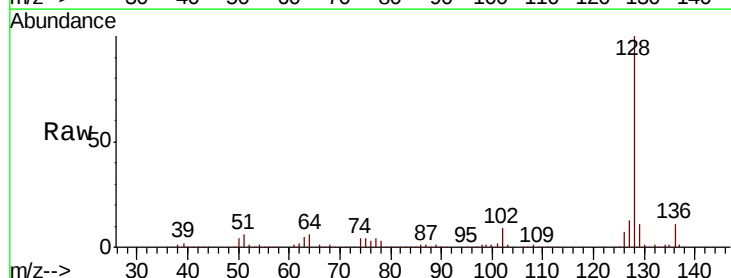
Tgt Ion: 128 Resp: 206182

Ion Ratio Lower Upper

128 100

129 10.8 9.6 14.4

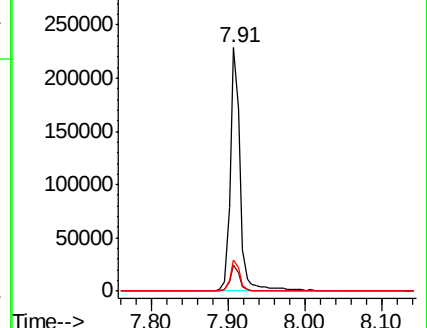
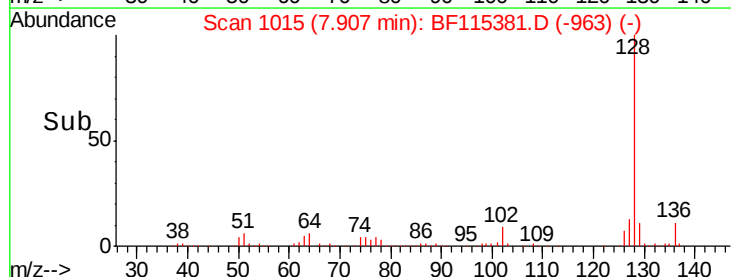
127 12.5 11.4 17.0

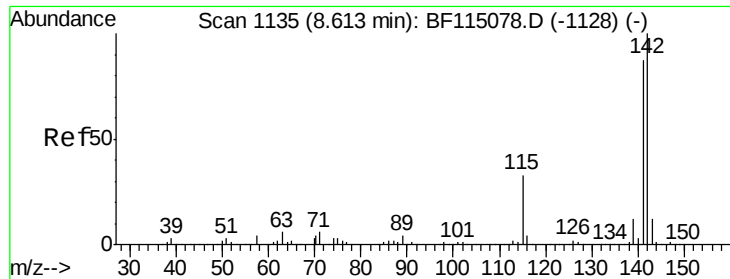


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

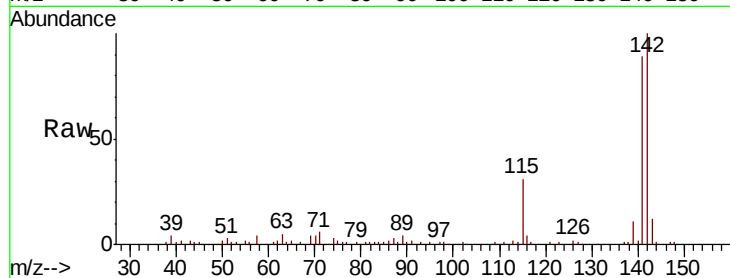




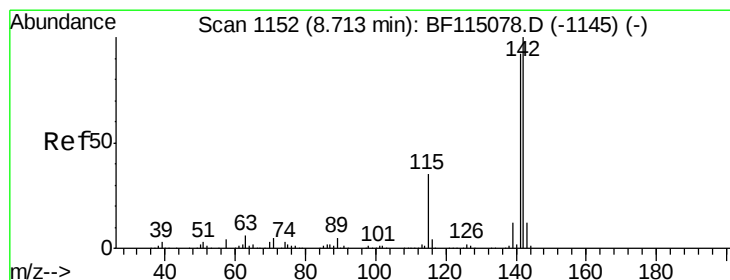
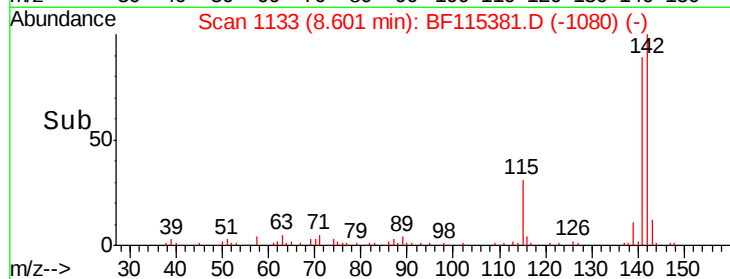
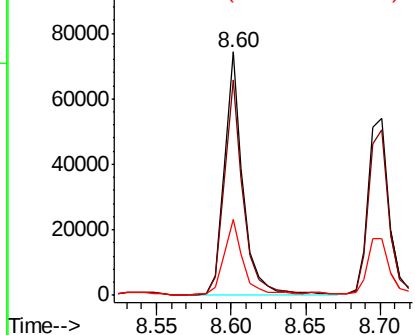
#37
2-Methylnaphthalene
Concen: 2.462 ng
RT: 8.60 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BF115381.D
Acq: 3 Jul 2019 00:53

Instrument :
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Tgt Ion:142 Resp: 66112
Ion Ratio Lower Upper
142 100
141 88.6 69.8 104.6
115 31.0 26.7 40.1

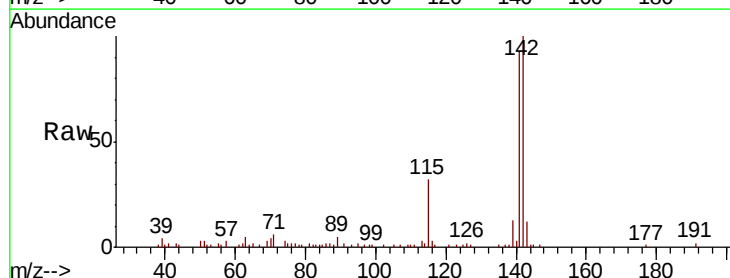


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

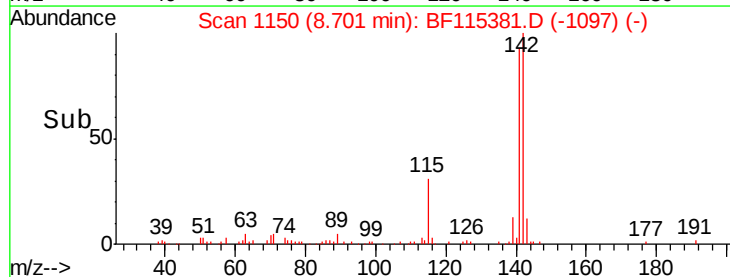
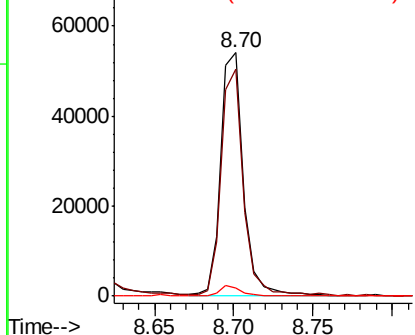


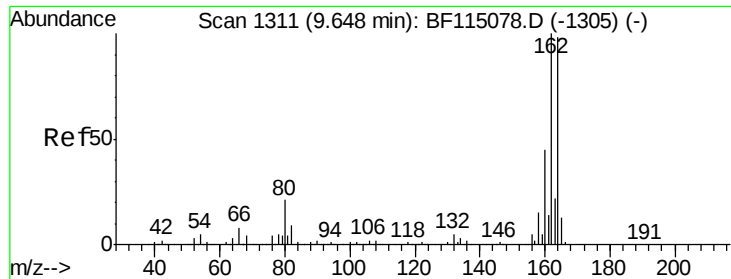
#38
1-Methylnaphthalene
Concen: 2.097 ng
RT: 8.70 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF115381.D
Acq: 3 Jul 2019 00:53

Tgt Ion:142 Resp: 53780
Ion Ratio Lower Upper
142 100
141 93.3 73.8 110.8
116 3.4 2.8 4.2



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

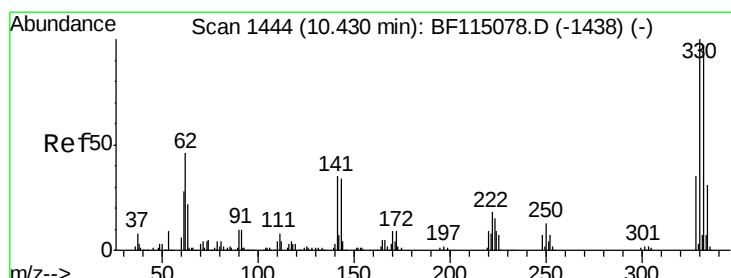
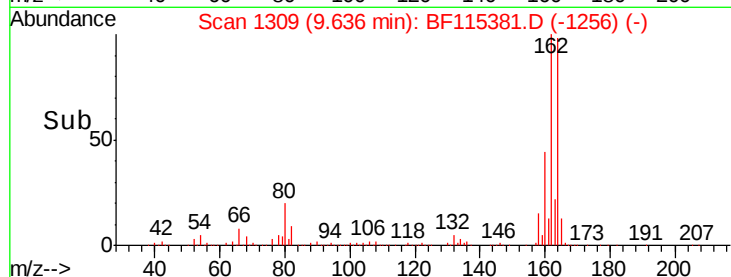
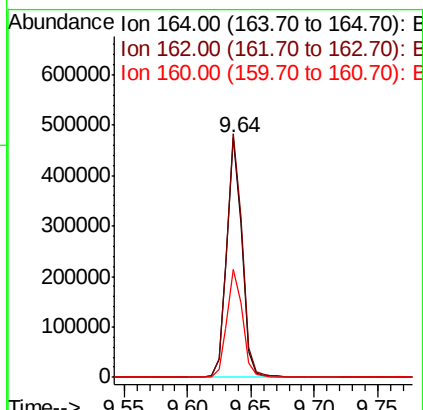
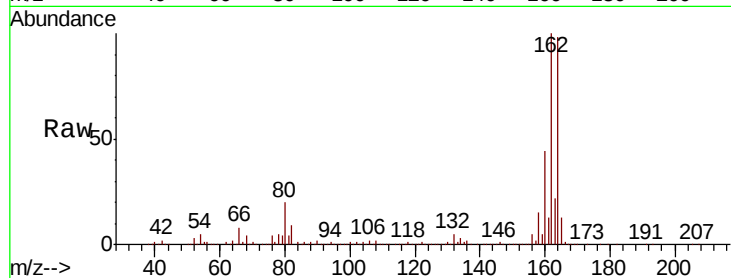




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. 0.01 min
 Lab File: BF115381.D
 Acq: 3 Jul 2019 00:53

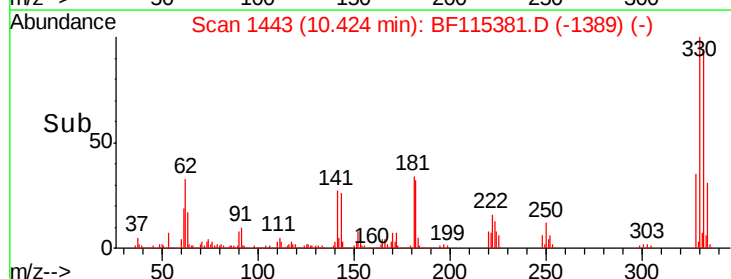
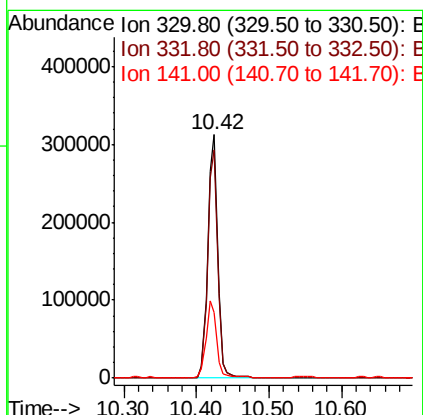
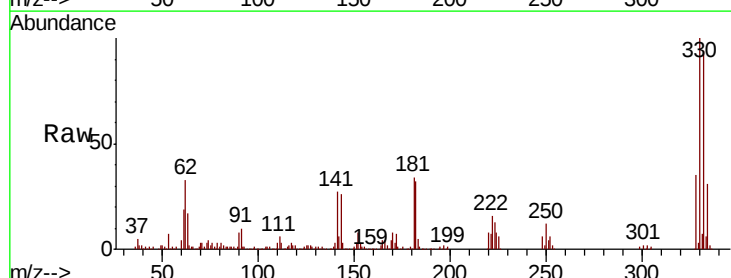
Instrument :
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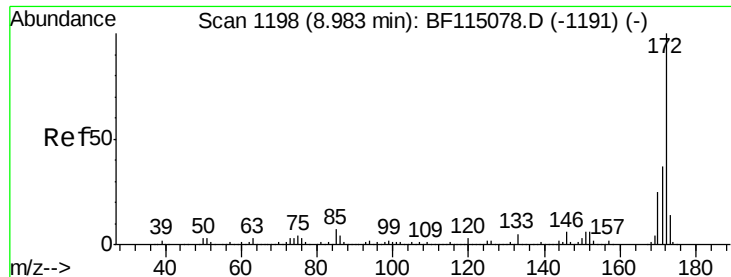
Tgt Ion:164 Resp: 393031
 Ion Ratio Lower Upper
 164 100
 162 101.7 81.7 122.5
 160 45.0 37.0 55.4



#42
 2,4,6-Tribromophenol
 Concen: 72.711 ng
 RT: 10.42 min Scan# 1443
 Delta R.T. 0.02 min
 Lab File: BF115381.D
 Acq: 3 Jul 2019 00:53

Tgt Ion:330 Resp: 301361
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.3 115.9
 141 32.4 28.2 42.2

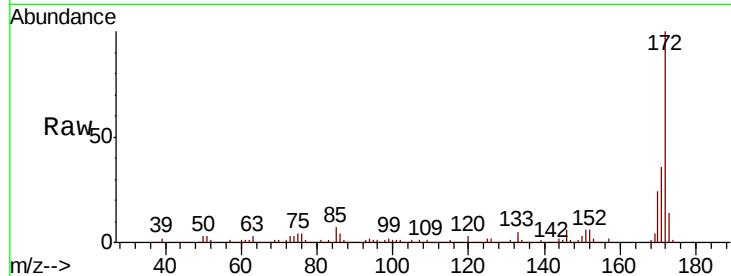




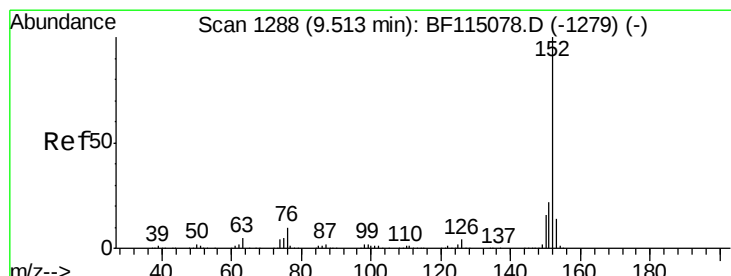
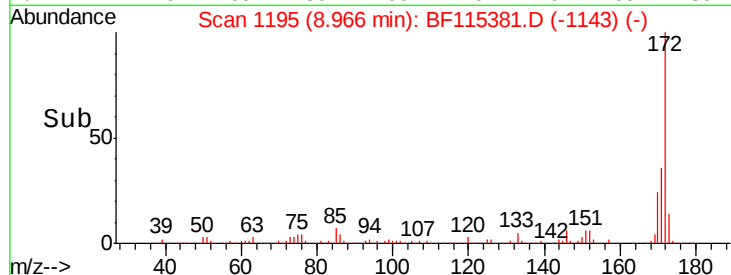
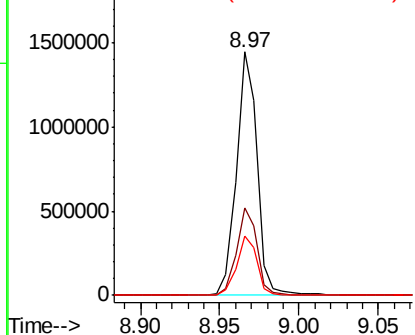
#45
2-Fluorobiphenyl
Concen: 56.554 ng
RT: 8.97 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BF115381.D
Acq: 3 Jul 2019 00:53

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-2

Tgt Ion:172 Resp: 1308566
Ion Ratio Lower Upper
172 100
171 35.8 29.8 44.6
170 24.4 20.3 30.5

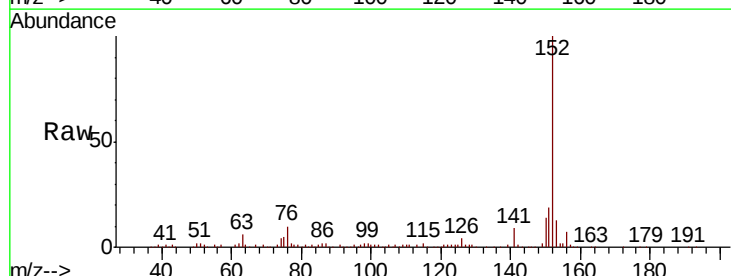


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

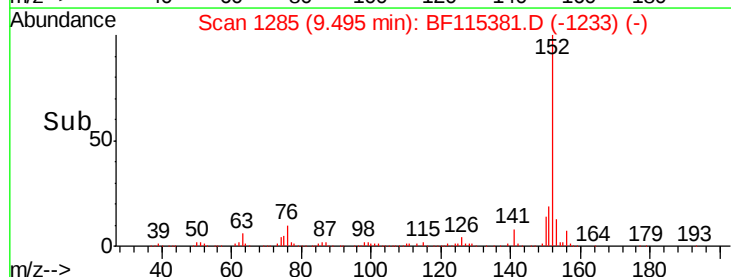
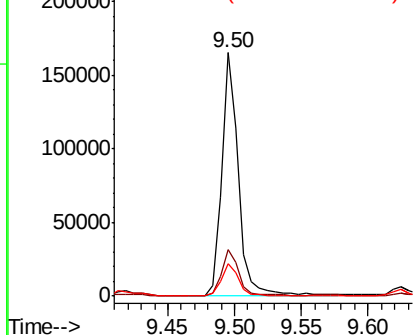


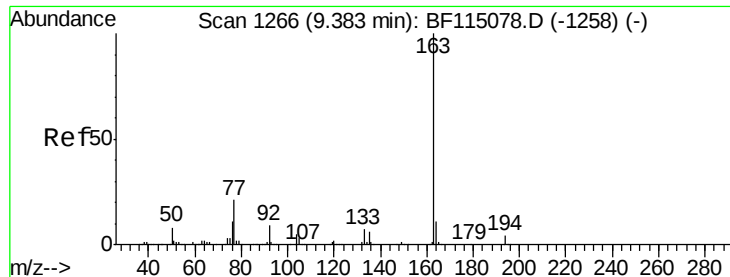
#49
Acenaphthylene
Concen: 3.706 ng
RT: 9.50 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF115381.D
Acq: 3 Jul 2019 00:53

Tgt Ion:152 Resp: 147305
Ion Ratio Lower Upper
152 100
151 19.3 17.2 25.8
153 13.2 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

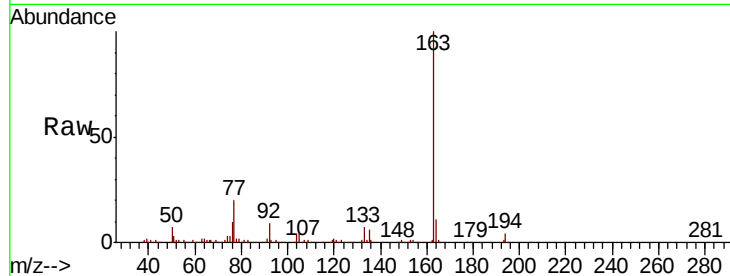




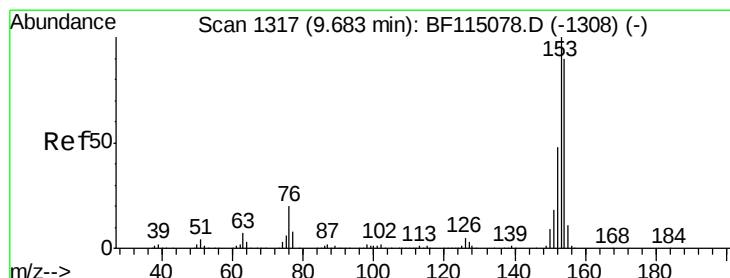
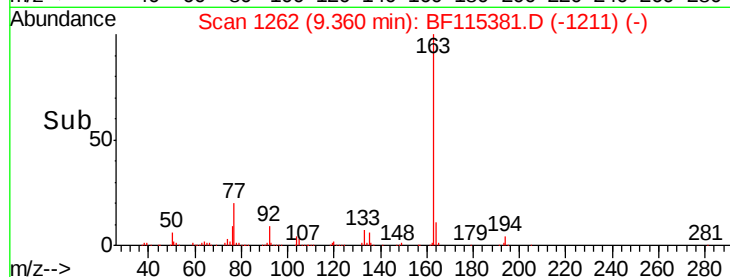
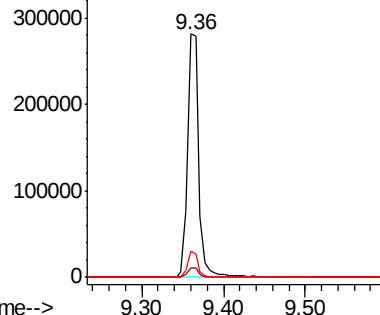
#50
Dimethylphthalate
Concen: 9.202 ng
RT: 9.36 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BF115381.D
Acq: 3 Jul 2019 00:53

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-2

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.5	8.6	13.0

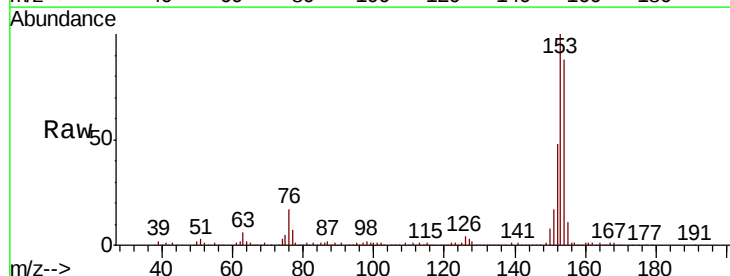


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

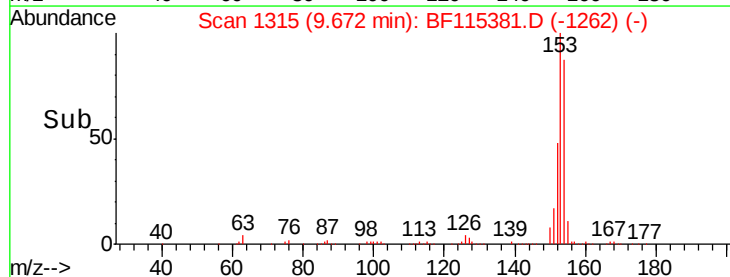
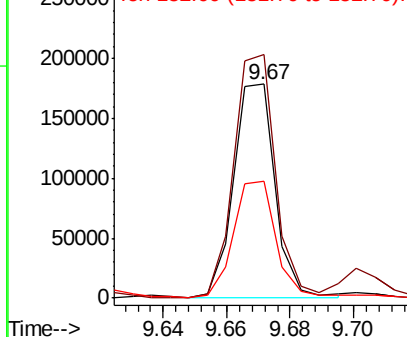


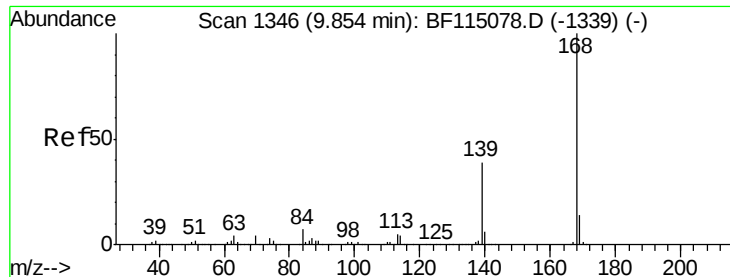
#52
Acenaphthene
Concen: 6.450 ng
RT: 9.67 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF115381.D
Acq: 3 Jul 2019 00:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.0	88.7	133.1
152	54.8	42.6	64.0



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

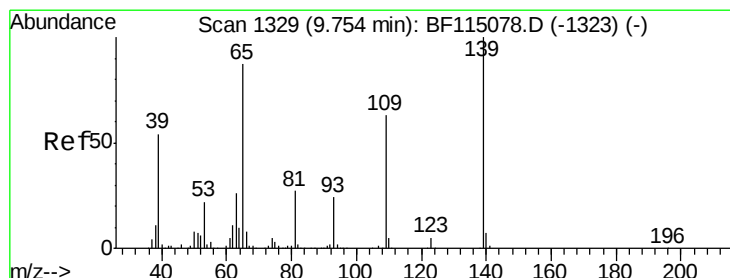
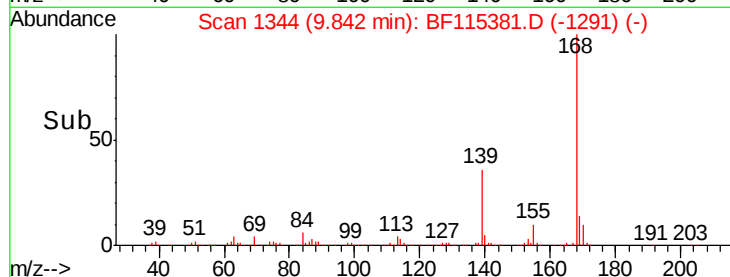
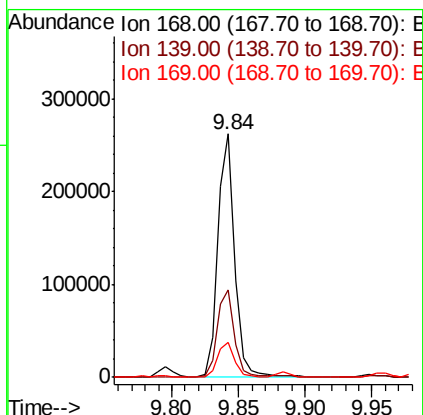
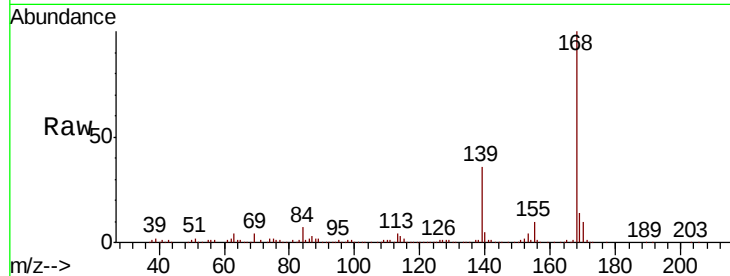




#55
Dibenzofuran
Concen: 6.557 ng
RT: 9.84 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF115381.D
Acq: 3 Jul 2019 00:53

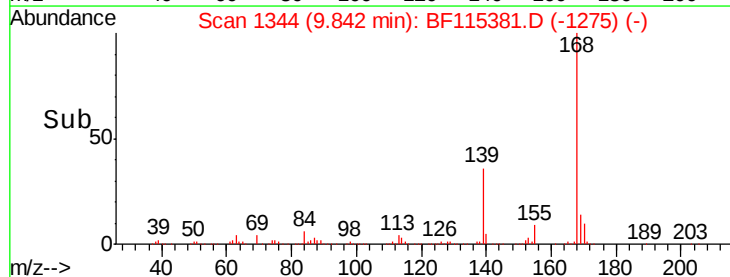
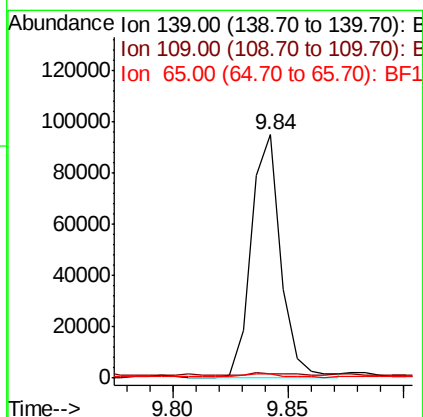
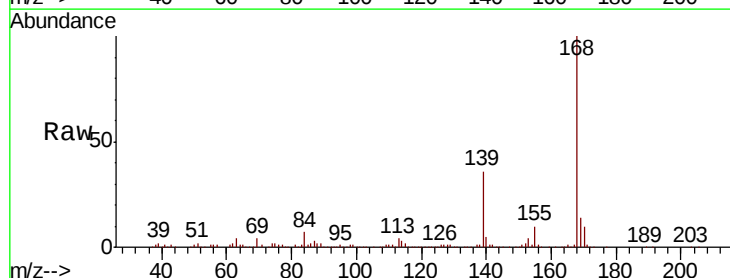
Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-2

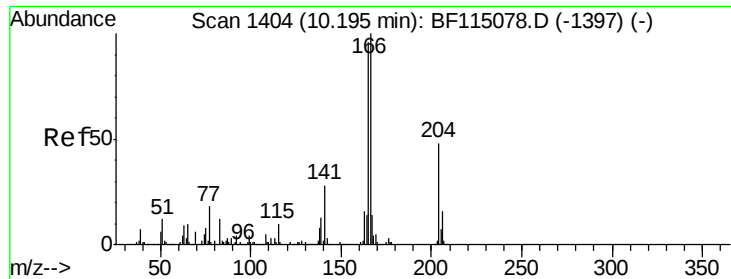
Tgt Ion:168 Resp: 234041
Ion Ratio Lower Upper
168 100
139 36.1 31.1 46.7
169 14.4 11.3 16.9



#56
4-Nitrophenol
Concen: 13.128 ng
RT: 9.84 min Scan# 1344
Delta R.T. 0.11 min
Lab File: BF115381.D
Acq: 3 Jul 2019 00:53

Tgt Ion:139 Resp: 85744
Ion Ratio Lower Upper
139 100
109 2.0 43.0 83.0#
65 1.9 67.0 107.0#

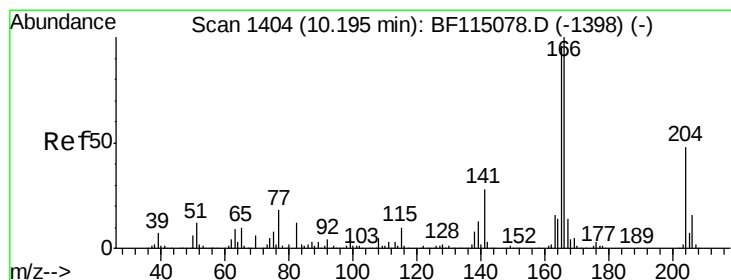
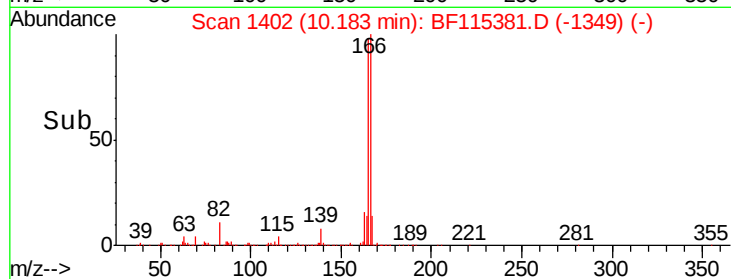
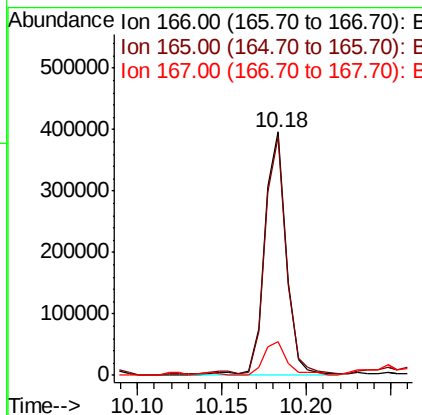
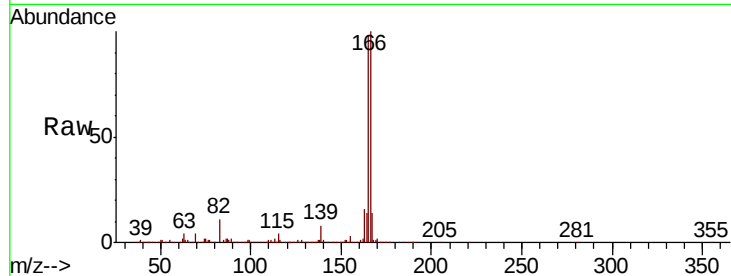




#58
 Fluorene
 Concen: 9.408 ng
 RT: 10.18 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: BF115381.D
 Acq: 3 Jul 2019 00:53

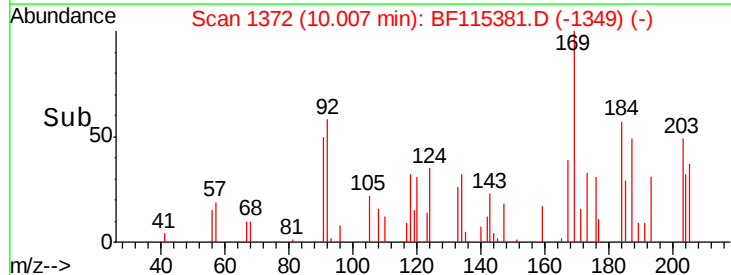
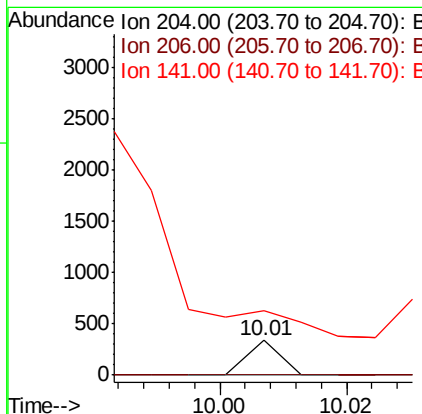
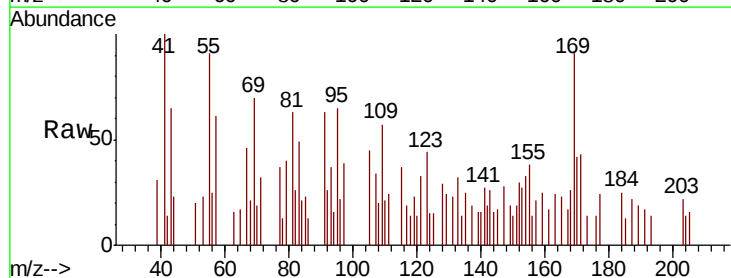
Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-2

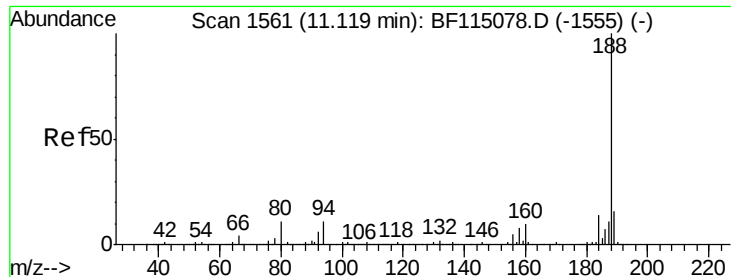
Tgt Ion:166 Resp: 347406
 Ion Ratio Lower Upper
 166 100
 165 98.0 76.5 114.7
 167 13.9 11.0 16.4



#61
 4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 10.01 min Scan# 1372
 Delta R.T. -0.16 min
 Lab File: BF115381.D
 Acq: 3 Jul 2019 00:53

Tgt Ion:204 Resp: 119
 Ion Ratio Lower Upper
 204 100
 206 0.0 26.6 40.0#
 141 186.4 46.7 70.1#

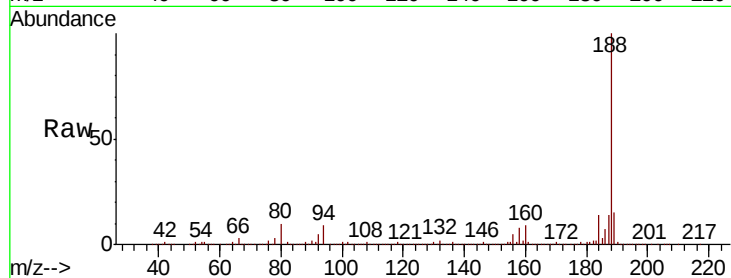




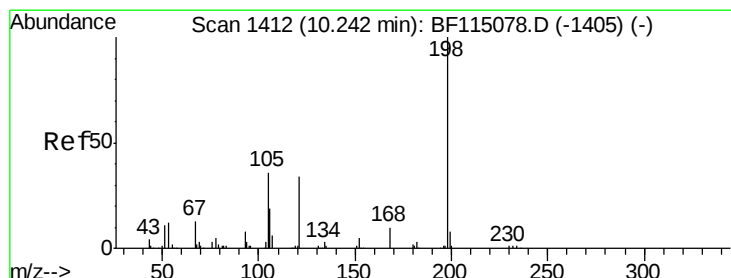
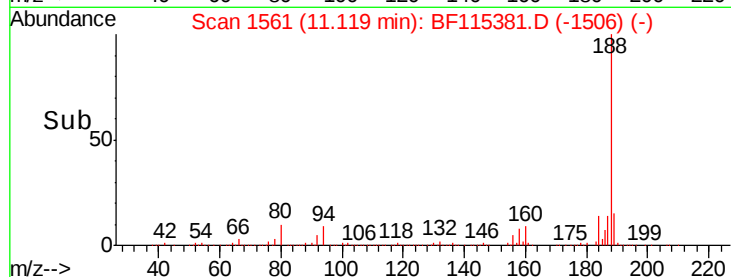
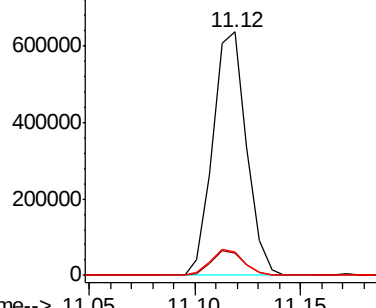
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. 0.02 min
Lab File: BF115381.D
Acq: 3 Jul 2019 00:53

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-2

Tgt Ion:188 Resp: 704720
Ion Ratio Lower Upper
188 100
94 8.9 8.6 12.8
80 9.7 8.8 13.2

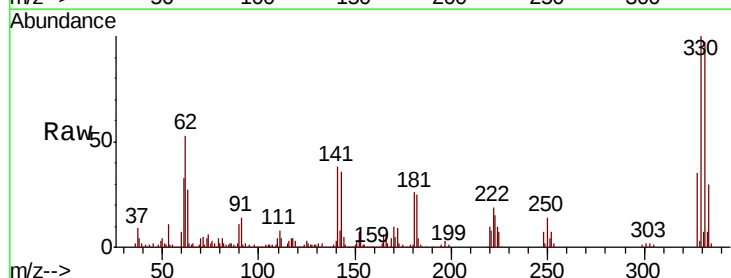


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

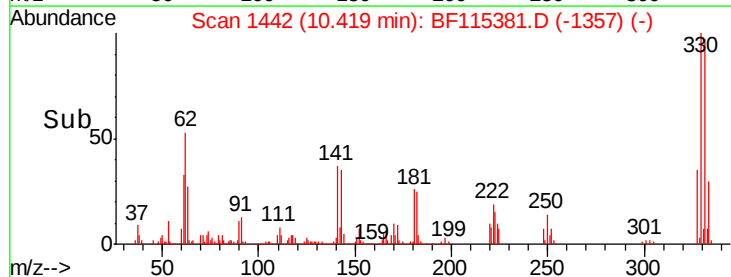
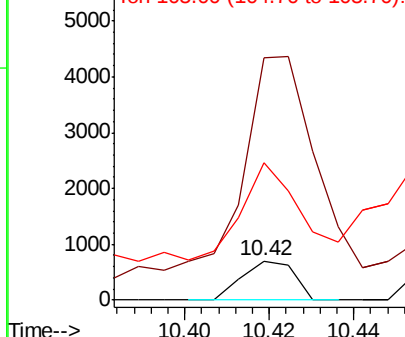


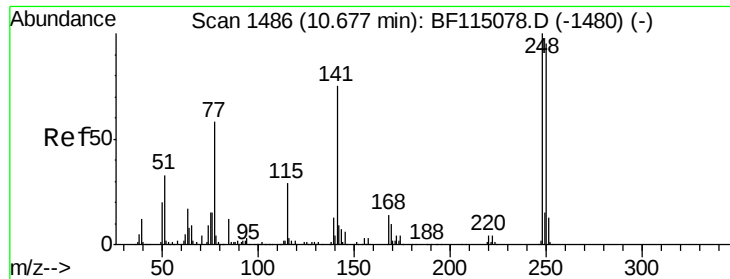
#65
4,6-Dinitro-2-methylphenol
Concen: 5.102 ng
RT: 10.42 min Scan# 1442
Delta R.T. 0.20 min
Lab File: BF115381.D
Acq: 3 Jul 2019 00:53

Tgt Ion:198 Resp: 594
Ion Ratio Lower Upper
198 100
51 625.9 11.0 51.0#
105 355.3 17.3 57.3#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

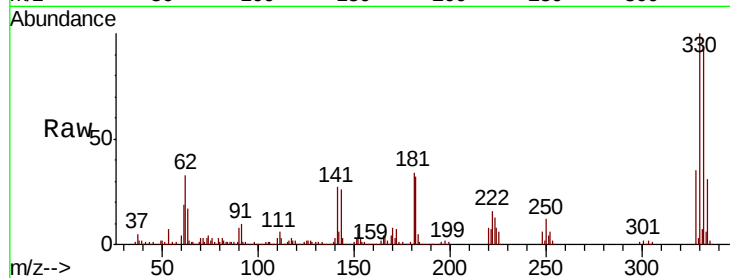




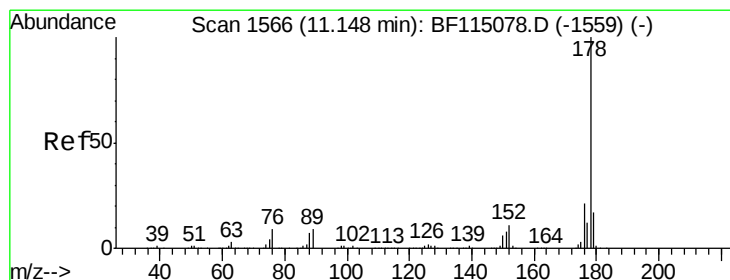
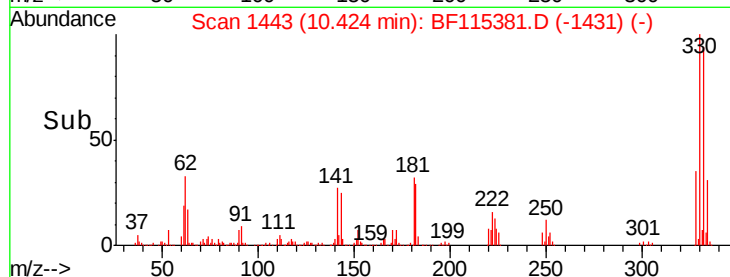
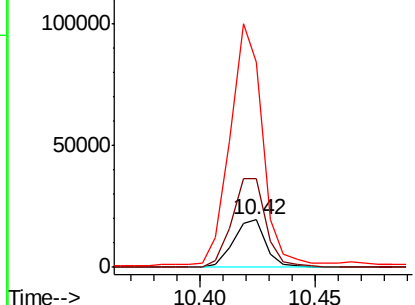
#67
 4-Bromophenyl-phenylether
 Concen: 2.517 ng
 RT: 10.42 min Scan# 1443
 Delta R.T. -0.23 min
 Lab File: BF115381.D
 Acq: 3 Jul 2019 00:53

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-2

Tgt Ion:248 Resp: 19229
 Ion Ratio Lower Upper
 248 100
 250 188.9 76.2 114.2#
 141 434.6 59.6 89.4#

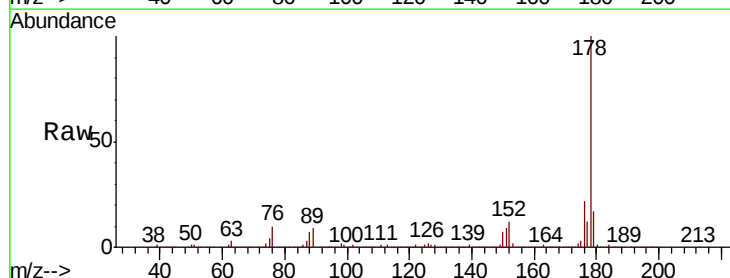


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

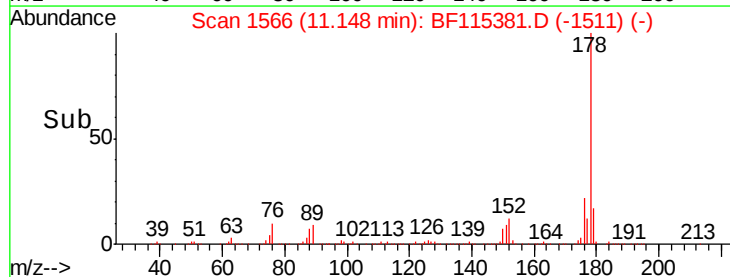
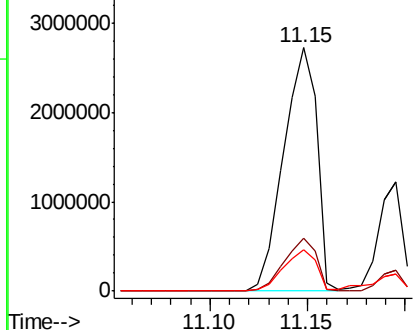


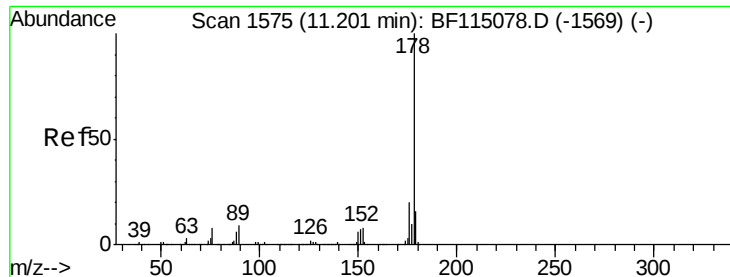
#71
 Phenanthrene
 Concen: 84.523 ng
 RT: 11.15 min Scan# 1566
 Delta R.T. 0.02 min
 Lab File: BF115381.D
 Acq: 3 Jul 2019 00:53

Tgt Ion:178 Resp: 3207062
 Ion Ratio Lower Upper
 178 100
 176 21.6 16.9 25.3
 179 17.1 13.2 19.8



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





#72

Anthracene

Concen: 26.621 ng

RT: 11.20 min Scan# 1574

Delta R.T. 0.02 min

Lab File: BF115381.D

Acq: 3 Jul 2019 00:53

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-2

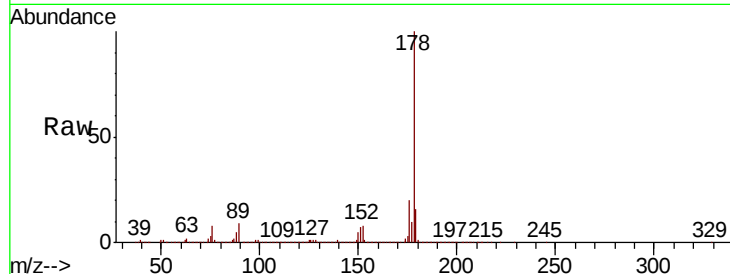
Tgt Ion:178 Resp: 1019625

Ion Ratio Lower Upper

178 100

176 19.7 16.1 24.1

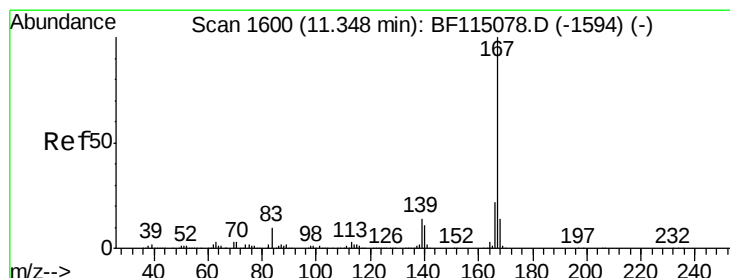
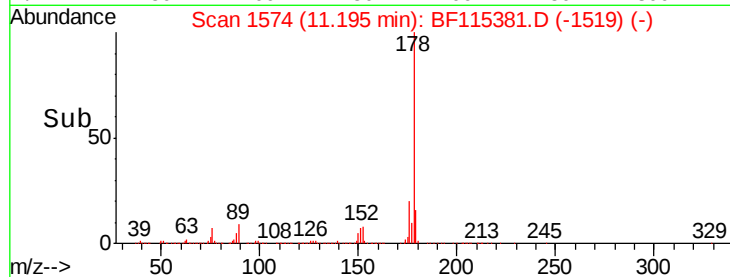
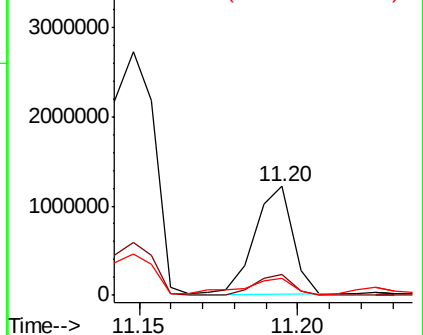
179 15.9 12.9 19.3



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



#73

Carbazole

Concen: 10.114 ng

RT: 11.34 min Scan# 1599

Delta R.T. 0.02 min

Lab File: BF115381.D

Acq: 3 Jul 2019 00:53

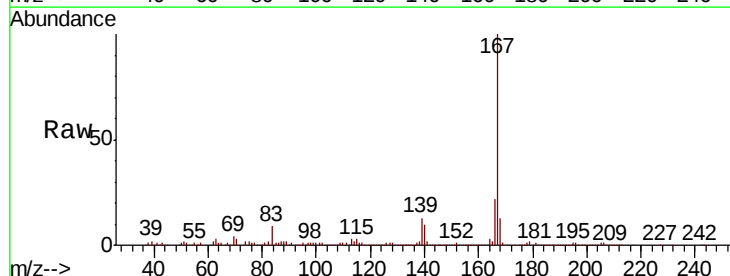
Tgt Ion:167 Resp: 345922

Ion Ratio Lower Upper

167 100

166 21.8 18.0 27.0

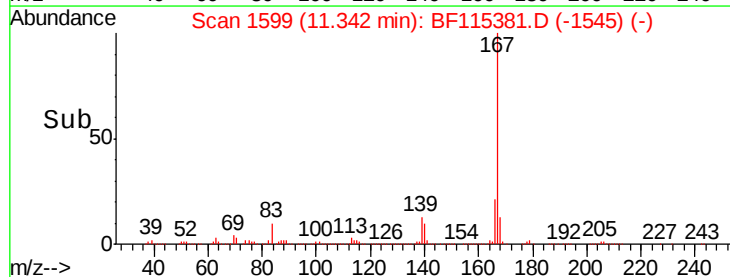
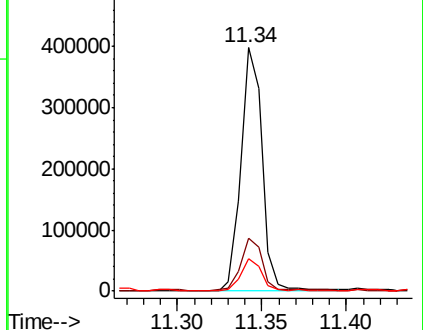
139 13.3 11.1 16.7

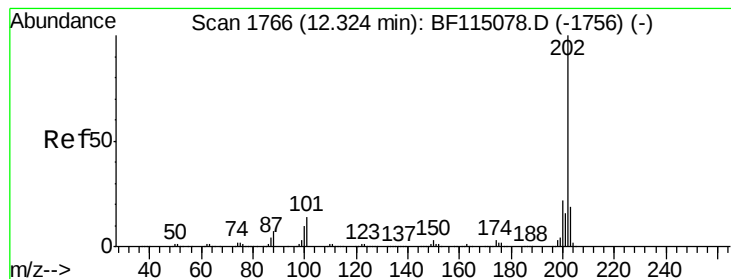


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 91.347 ng

RT: 12.34 min Scan# 1768

Delta R.T. 0.04 min

Lab File: BF115381.D

Acq: 3 Jul 2019 00:53

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-2

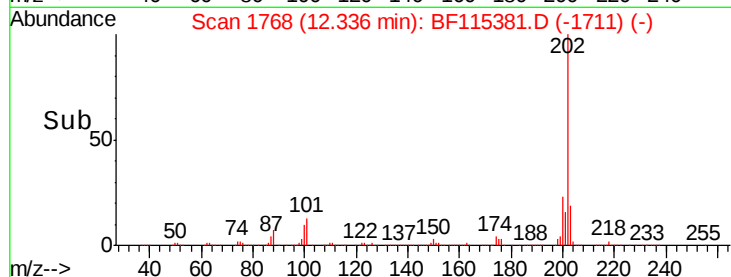
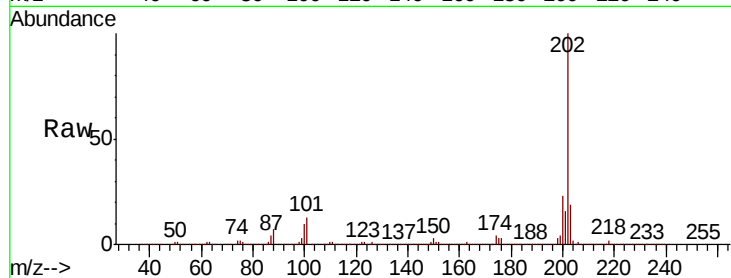
Tgt Ion:202 Resp: 3458188

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.0

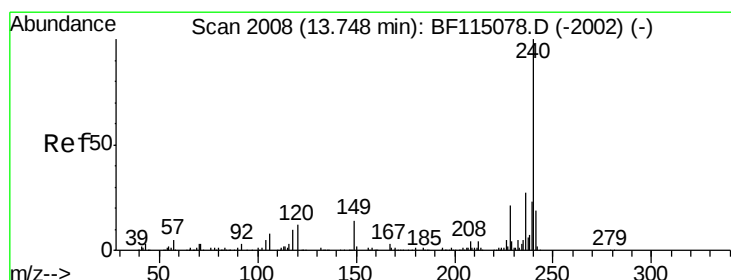
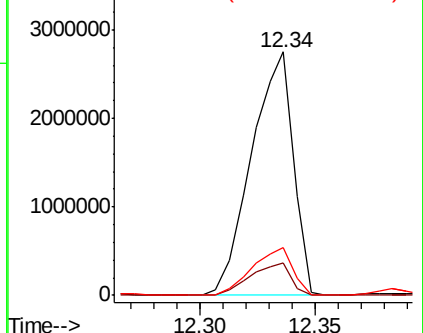
203 19.5 0.0 38.8



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: 13.75 min Scan# 2008

Delta R.T. 0.03 min

Lab File: BF115381.D

Acq: 3 Jul 2019 00:53

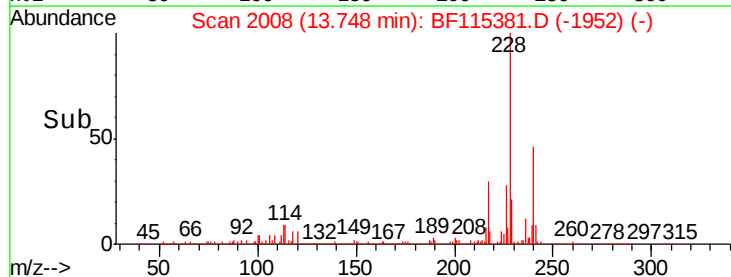
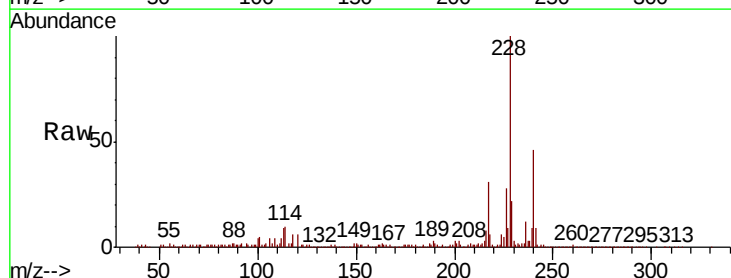
Tgt Ion:240 Resp: 398583

Ion Ratio Lower Upper

240 100

120 14.0 9.4 14.2

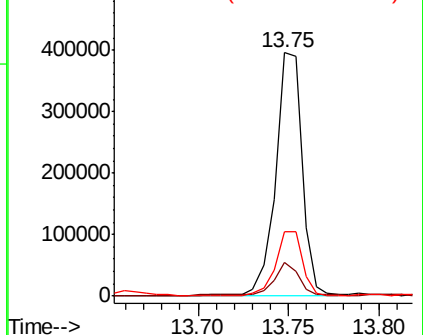
236 26.3 21.7 32.5

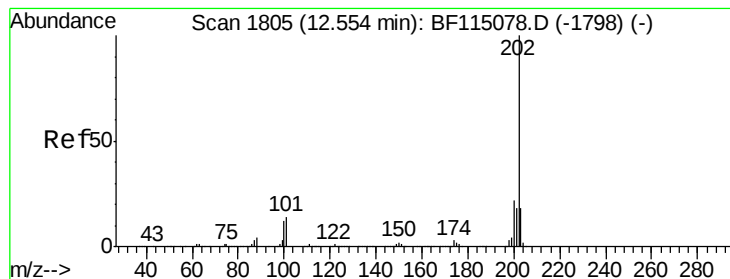


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 98.396 ng

RT: 12.56 min Scan# 1806

Delta R.T. 0.04 min

Lab File: BF115381.D

Acq: 3 Jul 2019 00:53

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-2

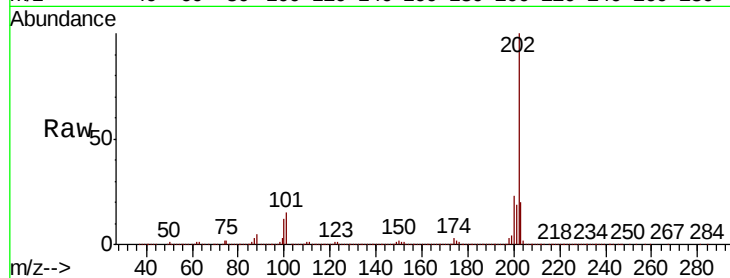
Tgt Ion:202 Resp: 3013991

Ion Ratio Lower Upper

202 100

200 23.5 17.9 26.9

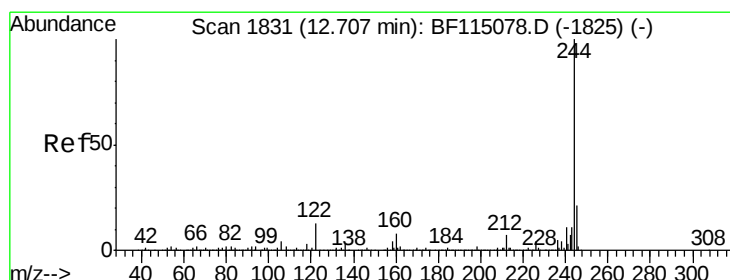
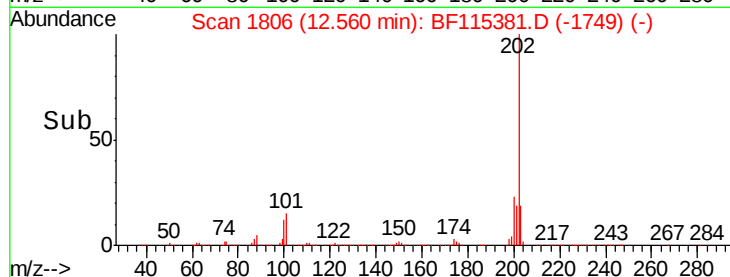
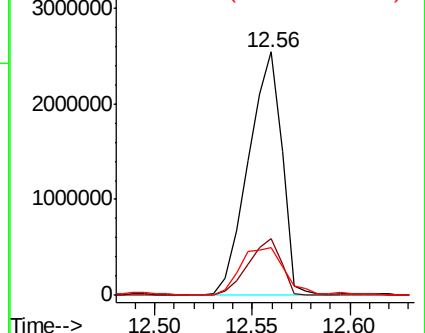
203 19.5 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 59.547 ng

RT: 12.70 min Scan# 1830

Delta R.T. 0.02 min

Lab File: BF115381.D

Acq: 3 Jul 2019 00:53

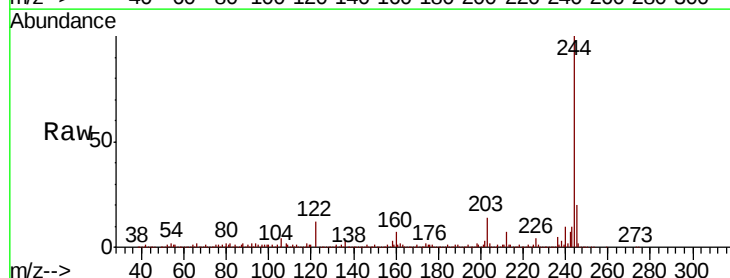
Tgt Ion:244 Resp: 1116299

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

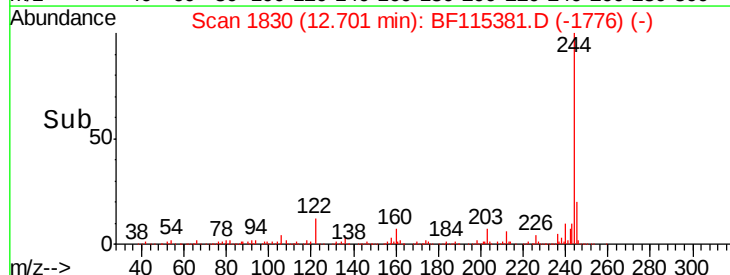
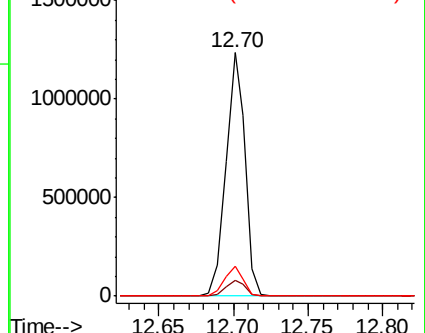
122 12.1 10.4 15.6

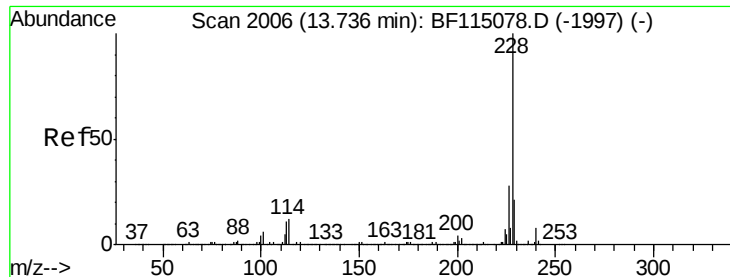


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

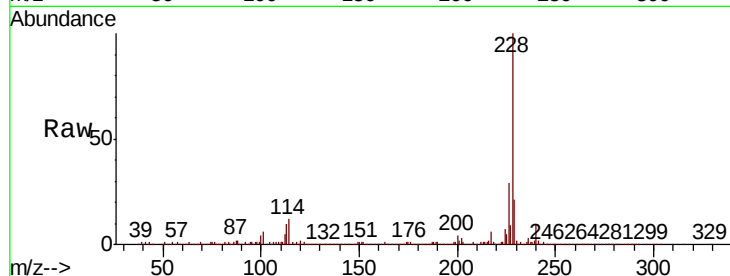




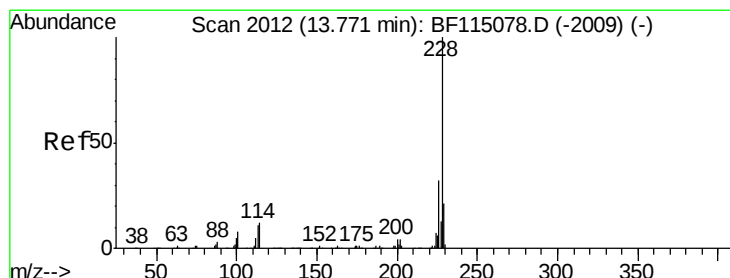
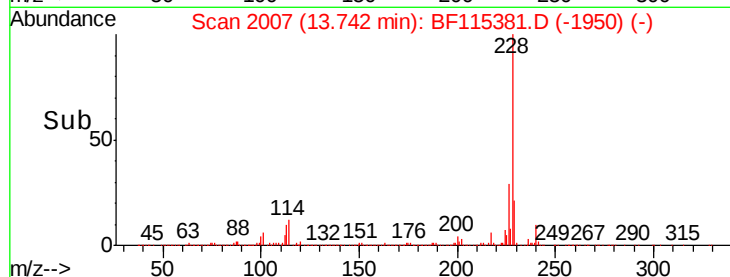
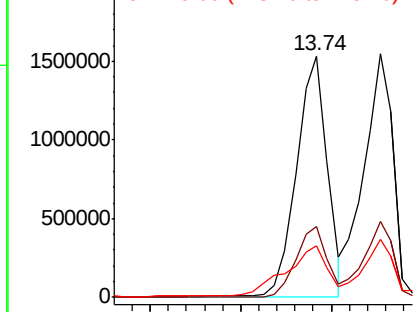
#81
Benzo(a)anthracene
Concen: 63.748 ng
RT: 13.74 min Scan# 2007
Delta R.T. 0.04 min
Lab File: BF115381.D
Acq: 3 Jul 2019 00:53

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-2

Tgt Ion:228 Resp: 1823164
Ion Ratio Lower Upper
228 100
226 29.3 22.5 33.7
229 21.3 16.6 24.8

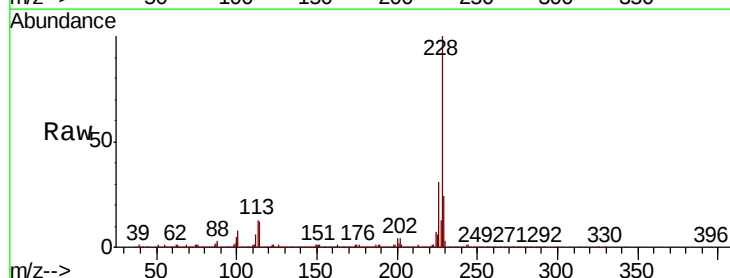


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

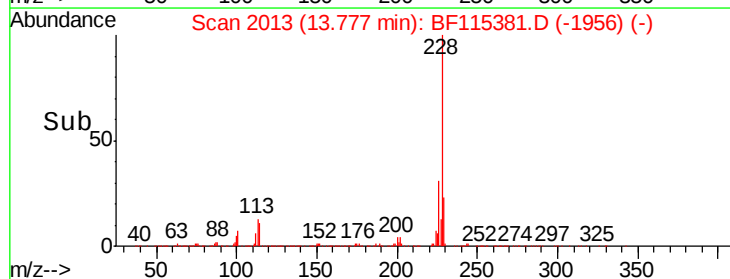
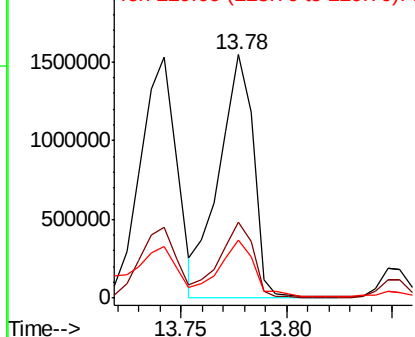


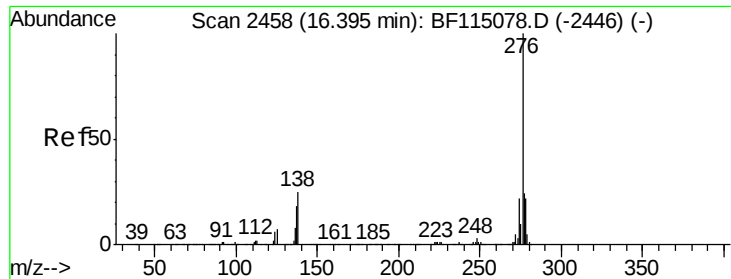
#83
Chrysene
Concen: 65.990 ng
RT: 13.78 min Scan# 2013
Delta R.T. 0.04 min
Lab File: BF115381.D
Acq: 3 Jul 2019 00:53

Tgt Ion:228 Resp: 1728800
Ion Ratio Lower Upper
228 100
226 31.4 25.4 38.0
229 23.6 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

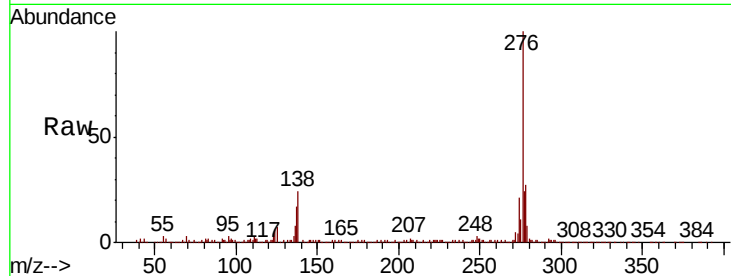




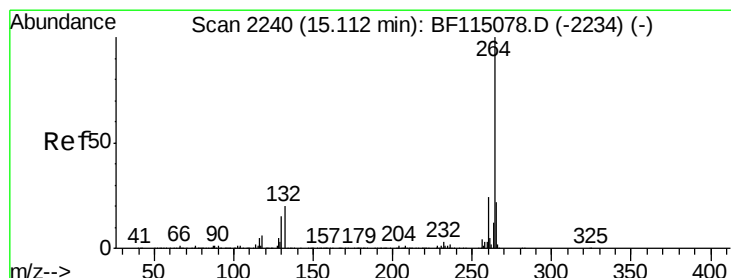
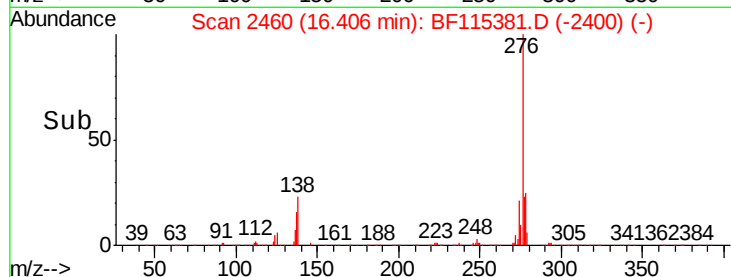
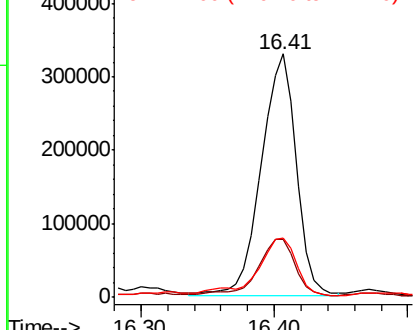
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 19.319 ng
 RT: 16.41 min Scan# 2460
 Delta R.T. 0.05 min
 Lab File: BF115381.D
 Acq: 3 Jul 2019 00:53

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-2

Tgt Ion:276 Resp: 598878
 Ion Ratio Lower Upper
 276 100
 138 24.9 23.2 34.8
 277 27.1 20.1 30.1

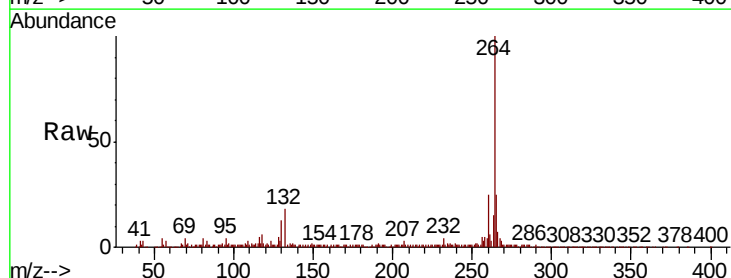


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

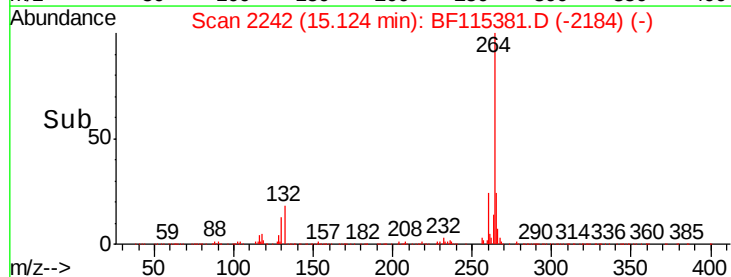
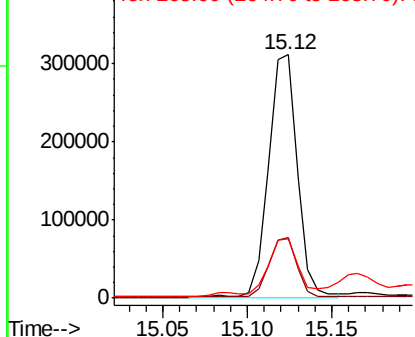


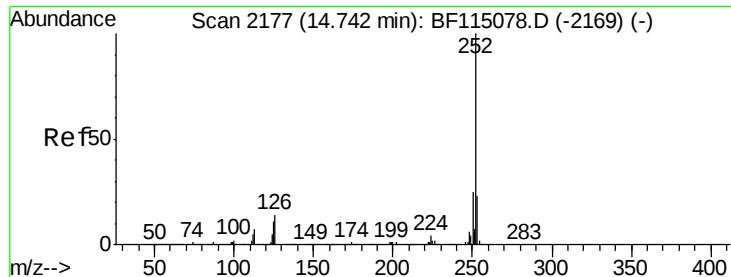
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.12 min Scan# 2242
 Delta R.T. 0.04 min
 Lab File: BF115381.D
 Acq: 3 Jul 2019 00:53

Tgt Ion:264 Resp: 367726
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.6 29.4
 265 24.5 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

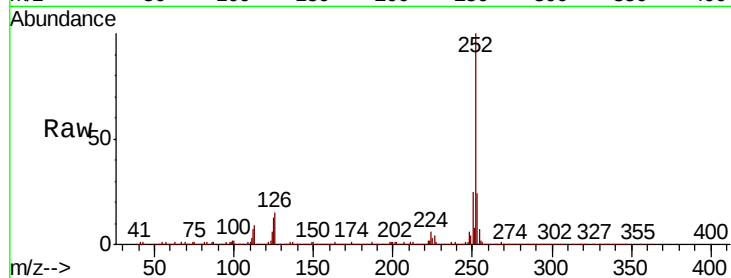




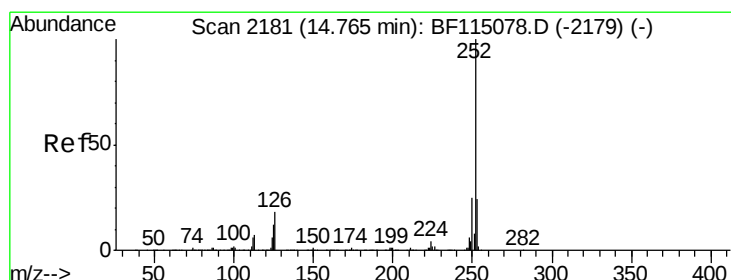
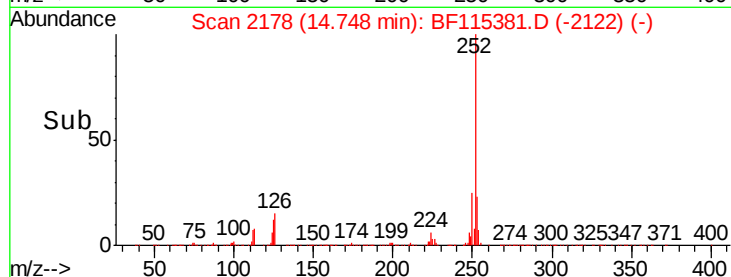
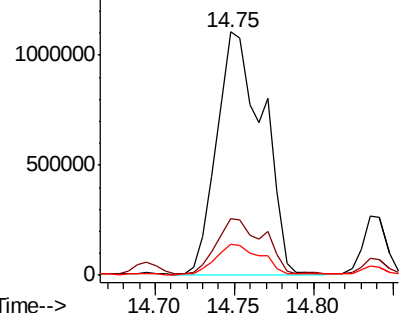
#88
Benzo(b)fluoranthene
Concen: 97.495 ng
RT: 14.75 min Scan# 2178
Delta R.T. 0.03 min
Lab File: BF115381.D
Acq: 3 Jul 2019 00:53

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-2

Tgt Ion:252 Resp: 2237022
Ion Ratio Lower Upper
252 100
253 23.5 18.1 27.1
125 12.7 8.7 13.1

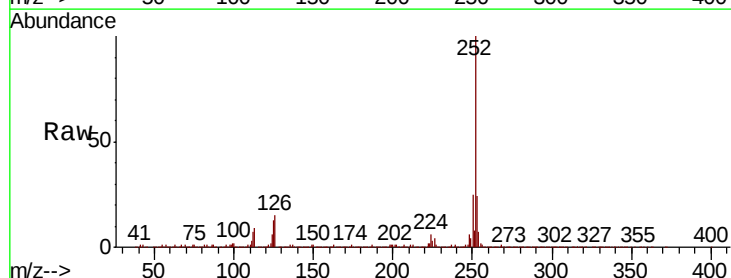


Abundance Ion 252.00 (251.70 to 252.70): E
1500000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

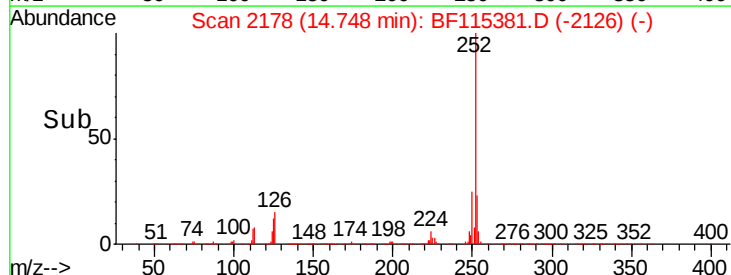
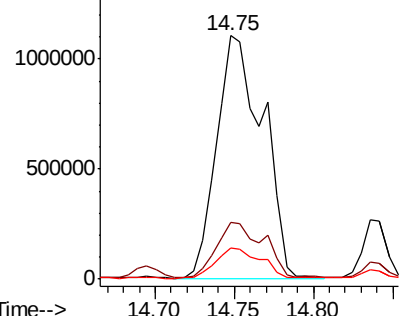


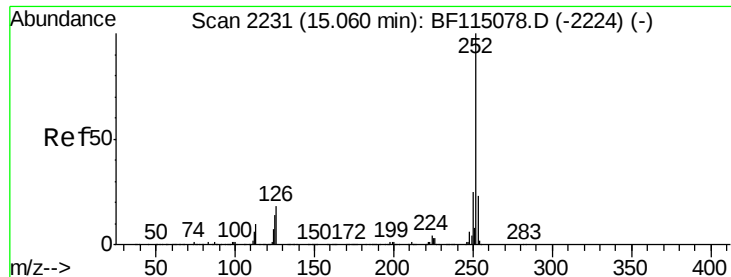
#89
Benzo(k)fluoranthene
Concen: 108.716 ng
RT: 14.75 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF115381.D
Acq: 3 Jul 2019 00:53

Tgt Ion:252 Resp: 2237022
Ion Ratio Lower Upper
252 100
253 23.5 18.9 28.3
125 12.7 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E
1500000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 54.143 ng

RT: 15.07 min Scan# 2233

Delta R.T. 0.04 min

Lab File: BF115381.D

Acq: 3 Jul 2019 00:53

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-2

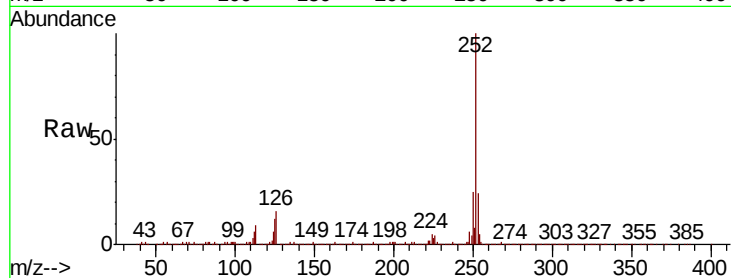
Tgt Ion:252 Resp: 1119721

Ion Ratio Lower Upper

252 100

253 23.6 18.3 27.5

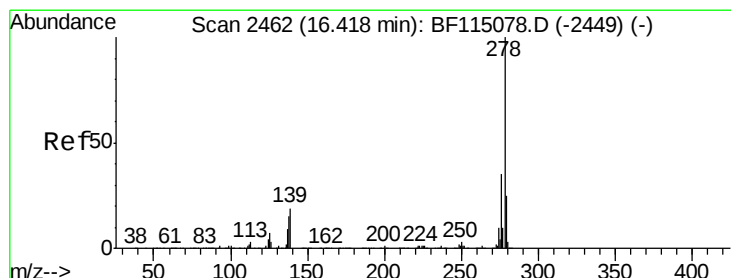
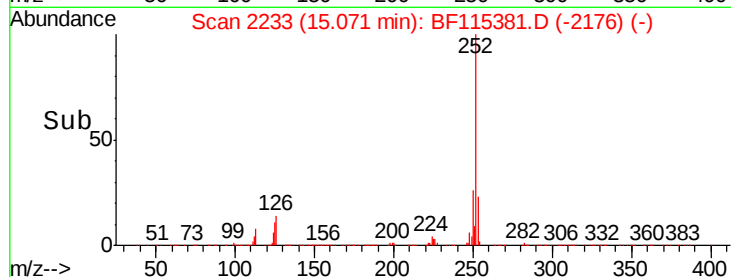
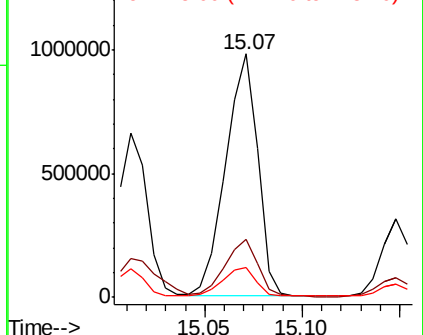
125 12.3 10.9 16.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 8.917 ng

RT: 16.41 min Scan# 2461

Delta R.T. 0.04 min

Lab File: BF115381.D

Acq: 3 Jul 2019 00:53

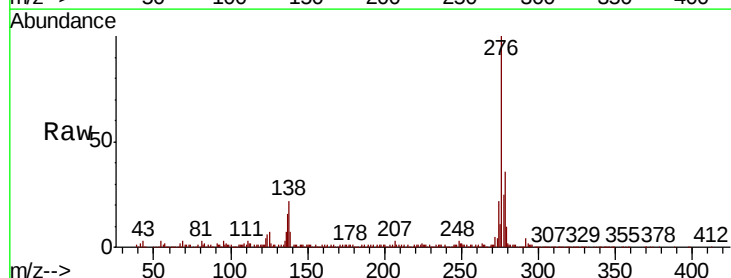
Tgt Ion:278 Resp: 172164

Ion Ratio Lower Upper

278 100

139 20.6 15.4 23.2

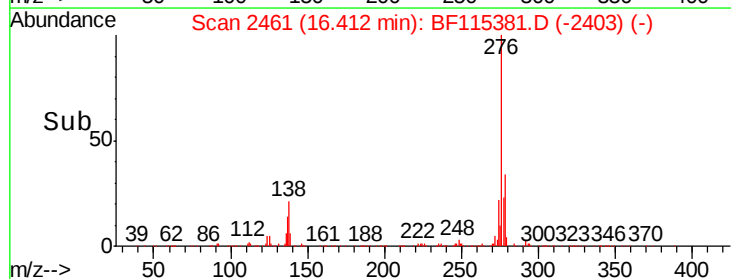
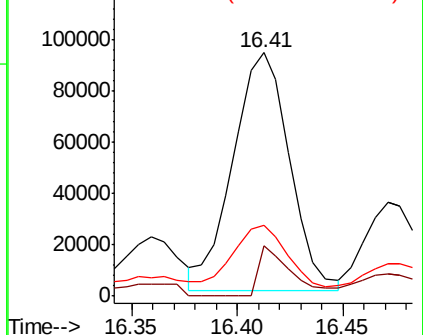
279 29.2 19.9 29.9

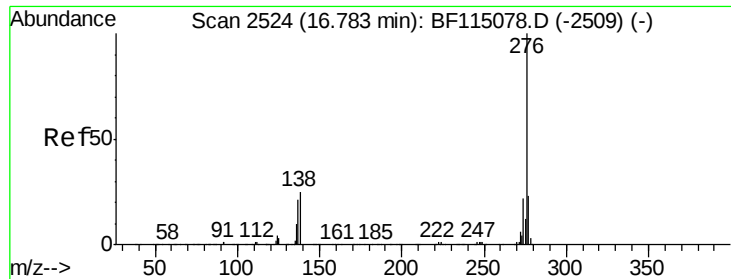


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 27.151 ng

RT: 16.79 min Scan# 2525

Delta R.T. 0.05 min

Lab File: BF115381.D

Acq: 3 Jul 2019 00:53

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-2

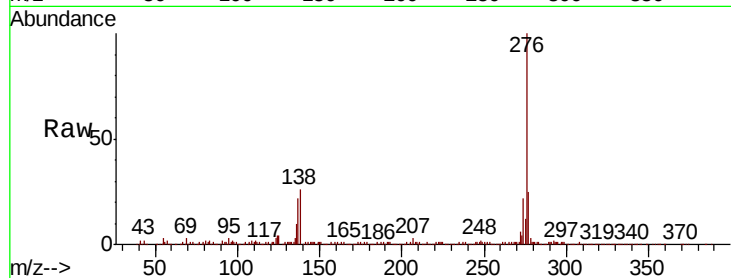
Tgt Ion: 276 Resp: 530546

Ion Ratio Lower Upper

276 100

277 25.3 18.6 28.0

138 25.5 19.8 29.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

