

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060719\
 Data File : BF114917.D
 Acq On : 8 Jun 2019 3:38
 Operator : HP/JU
 Sample : K3250-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SCARSDALE-COMPOSITE-1

Quant Time: Jun 08 05:21:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	303056	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1109854	20.00	ng	-0.01
39) Acenaphthene-d10	9.69	164	453600	20.00	ng	-0.01
64) Phenanthrene-d10	11.16	188	755599	20.00	ng	0.00
76) Chrysene-d12	13.79	240	536112	20.00	ng	0.00
87) Perylene-d12	15.18	264	403450	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	347571	20.04	ng	0.00
7) Phenol-d6	6.30	99	429618	20.36	ng	0.00
23) Nitrobenzene-d5	7.22	82	244900	13.58	ng	-0.02
42) 2,4,6-Tribromophenol	10.47	330	75101	15.36	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	425383	17.57	ng	-0.01
79) Terphenyl-d14	12.74	244	343037	12.44	ng	-0.01

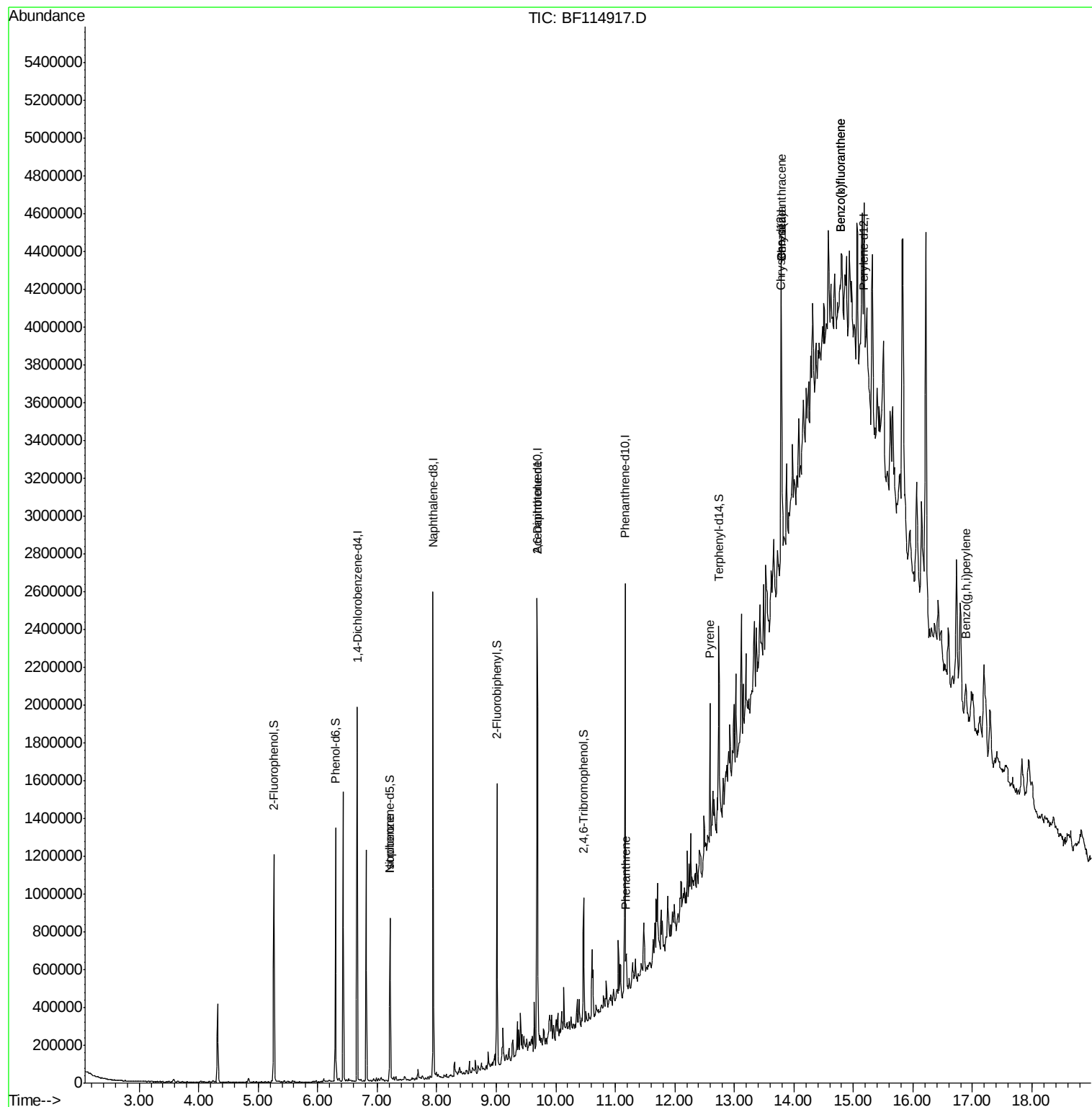
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Isophorone	7.22	82	238611	6.695	ng	# 61
51) 2,6-Dinitrotoluene	9.69	165	63202	8.112	ng	# 34
58) Fluorene	10.23	166	5541	Below Cal		# 47
71) Phenanthrene	11.19	178	74847	2.075	ng	97
78) Pyrene	12.59	202	290102	6.238	ng	95
81) Benzo(a)anthracene	13.80	228	259162	6.273	ng	# 85
83) Chrysene	13.80	228	259162	6.449	ng	# 89
88) Benzo(b)fluoranthene	14.79	252	69080	2.690	ng	# 39
89) Benzo(k)fluoranthene	14.79	252	69080	3.167	ng	# 40
92) Benzo(g,h,i)perylene	16.89	276	102714	4.852	ng	# 88

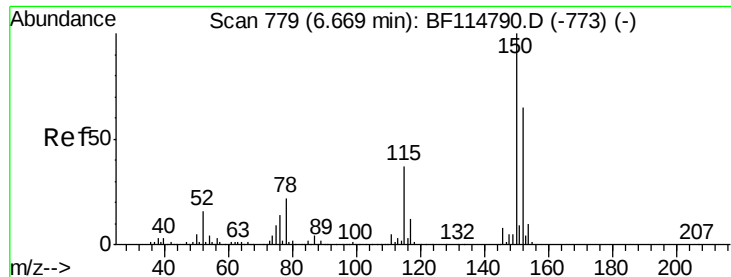
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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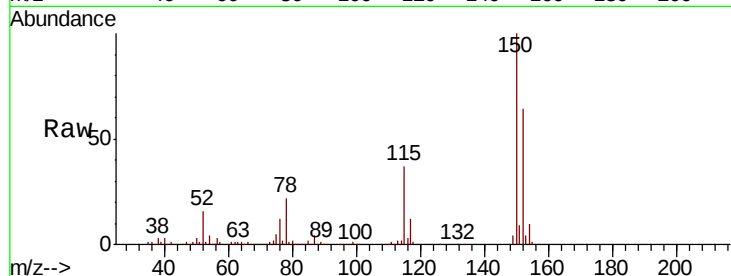


#1

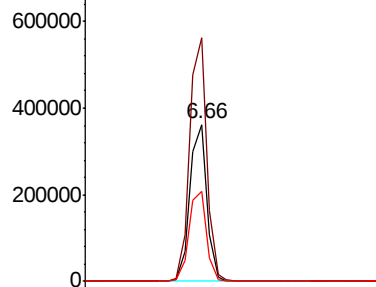
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114917.D
Acq: 8 Jun 2019 3:38

Instrument :
BNA_F
ClientSampleId :
SCARSDALE-COMPOSITE-1

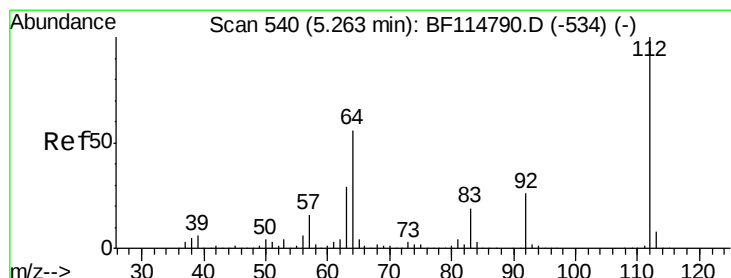
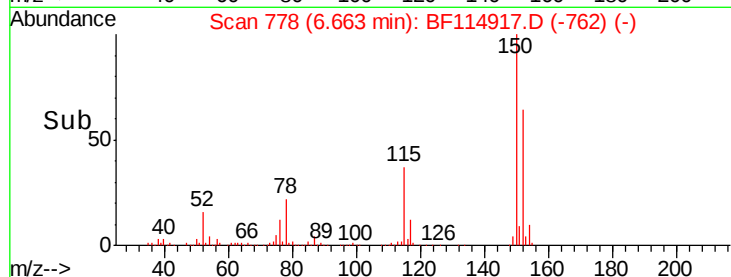
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.0	186.0
115	57.2	46.3	69.5



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



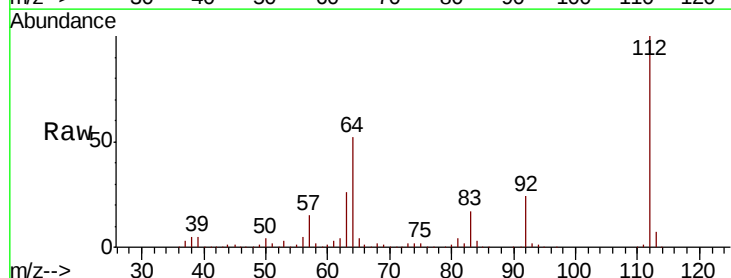
Time-->



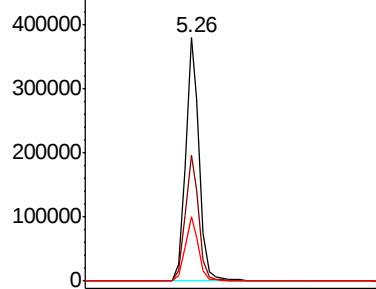
#5

2-Fluorophenol
Concen: 20.040 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF114917.D
Acq: 8 Jun 2019 3:38

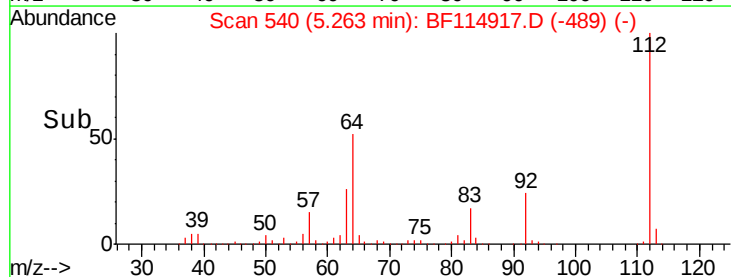
Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.9	44.6	66.8
63	26.4	23.0	34.4

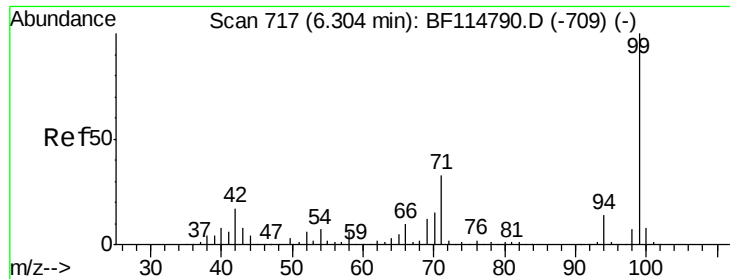


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



Time-->





#7

Phenol-d6

Concen: 20.357 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF114917.D

Acq: 8 Jun 2019 3:38

Instrument :

BNA_F

ClientSampleId :

SCARSDALE-COMPOSITE-1

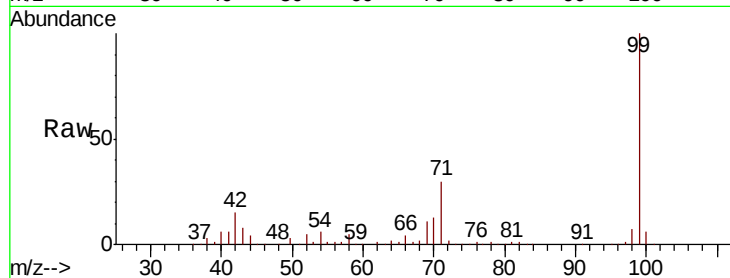
Tgt Ion: 99 Resp: 429618

Ion Ratio Lower Upper

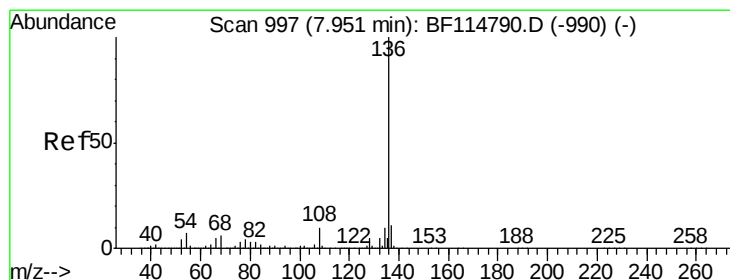
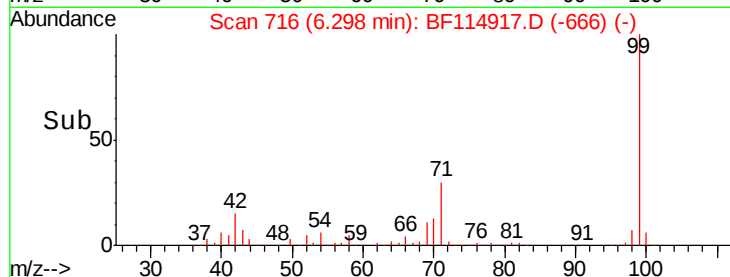
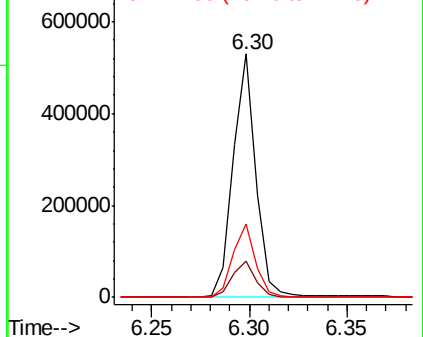
99 100

42 15.2 13.3 19.9

71 30.3 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF114917.D

Acq: 8 Jun 2019 3:38

Tgt Ion:136 Resp: 1109854

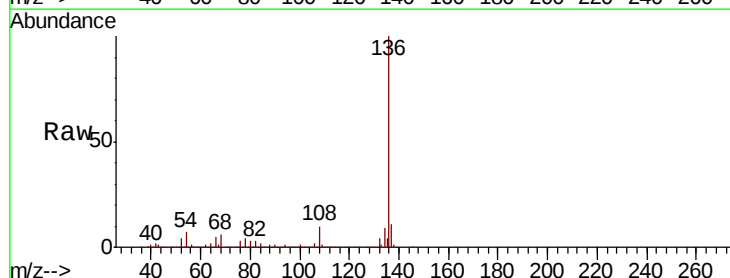
Ion Ratio Lower Upper

136 100

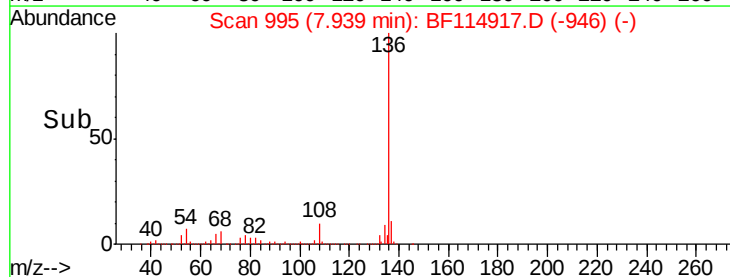
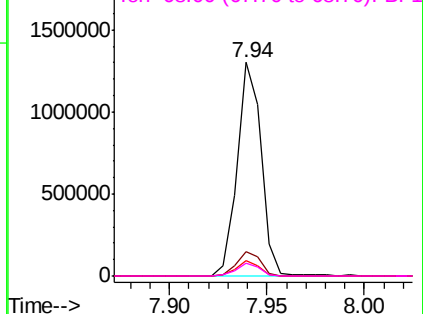
137 11.3 9.1 13.7

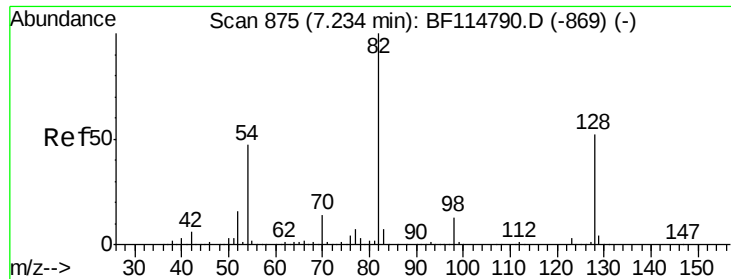
54 7.0 5.4 8.0

68 6.1 4.6 6.8



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

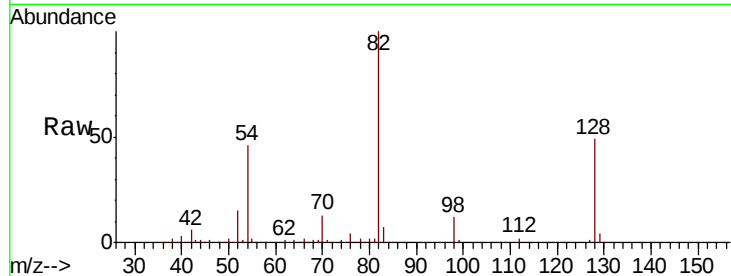




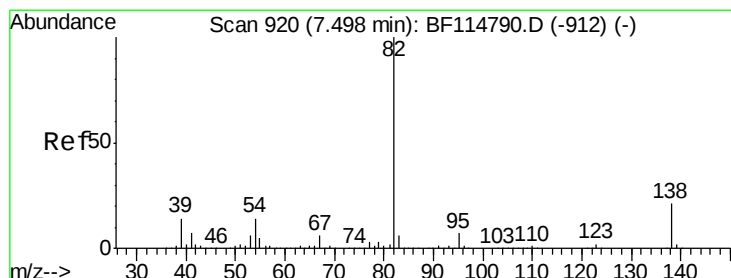
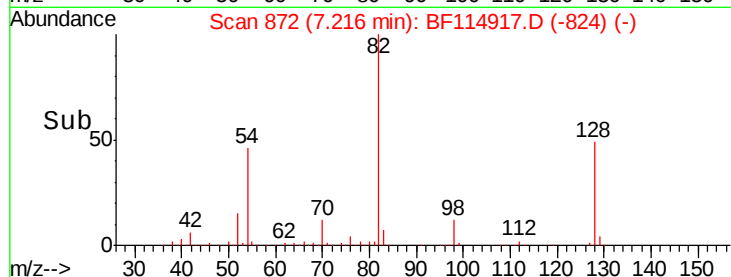
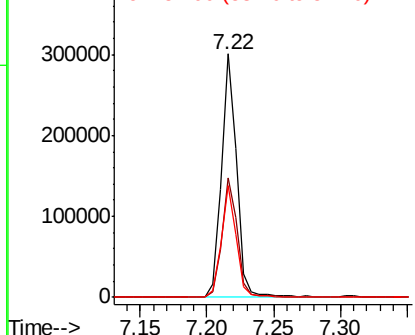
#23
 Nitrobenzene-d5
 Concen: 13.583 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.02 min
 Lab File: BF114917.D
 Acq: 8 Jun 2019 3:38

Instrument :
 BNA_F
 ClientSampleId :
 SCARSDALE-COMPOSITE-1

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.1	41.8	62.6
54	46.1	37.9	56.9

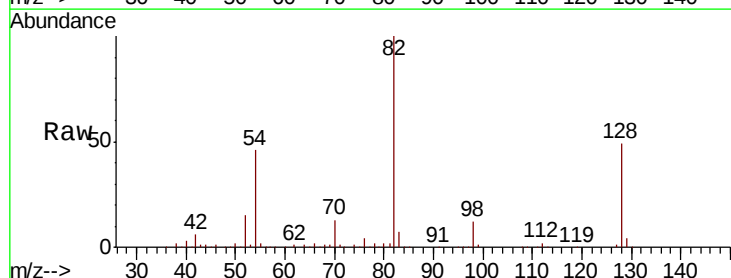


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

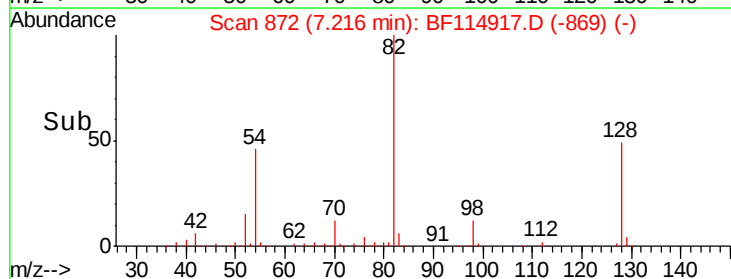
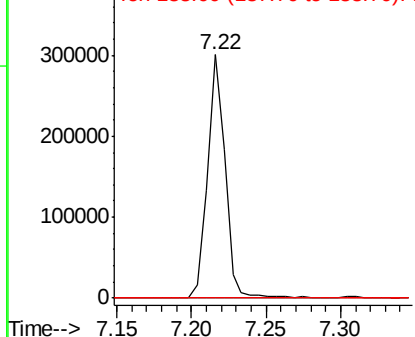


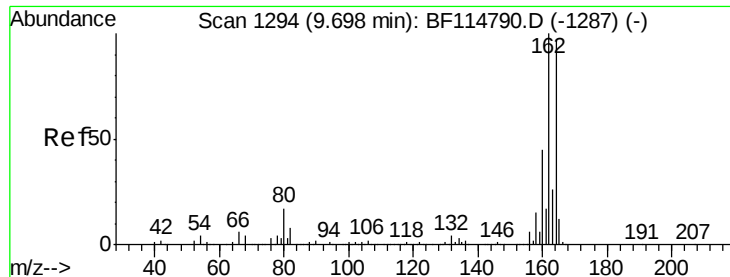
#25
 Isophorone
 Concen: 6.695 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.28 min
 Lab File: BF114917.D
 Acq: 8 Jun 2019 3:38

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.8#
138	0.0	16.9	25.3#



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

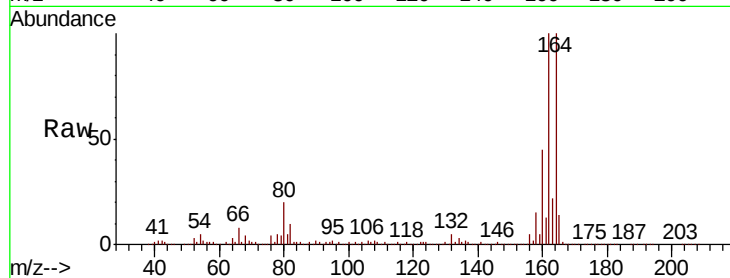




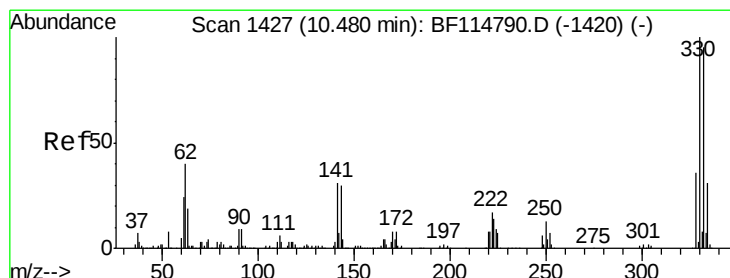
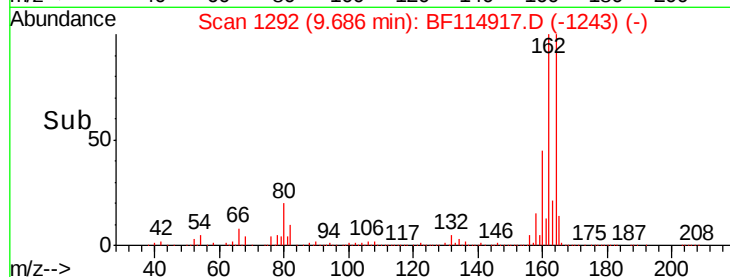
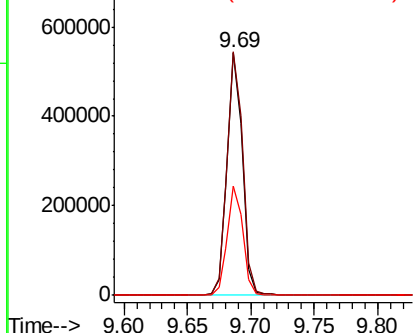
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF114917.D
 Acq: 8 Jun 2019 3:38

Instrument :
 BNA_F
 ClientSampleId :
 SCARSDALE-COMPOSITE-1

Tgt Ion:164 Resp: 453600
 Ion Ratio Lower Upper
 164 100
 162 100.3 82.3 123.5
 160 45.0 36.7 55.1

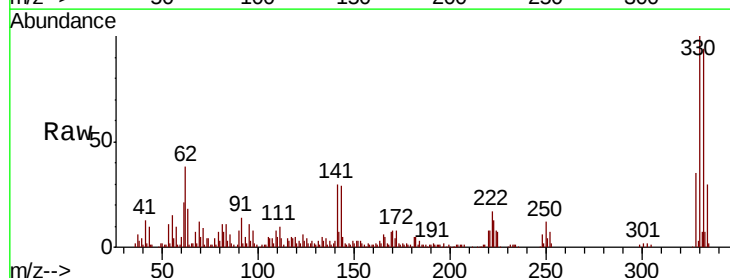


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

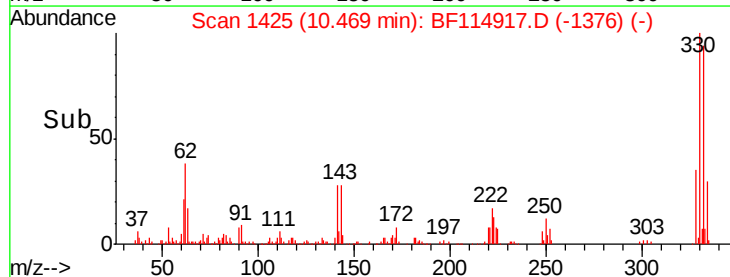
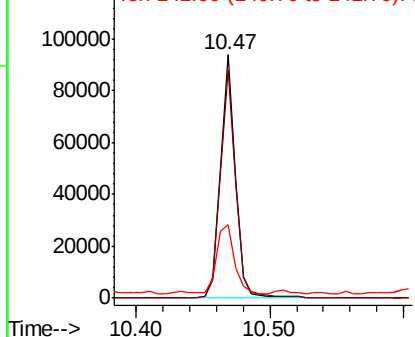


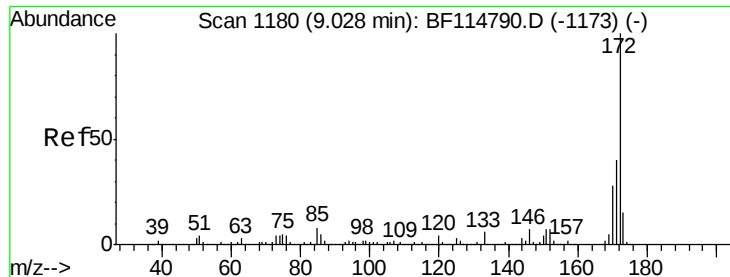
#42
 2,4,6-Tribromophenol
 Concen: 15.364 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF114917.D
 Acq: 8 Jun 2019 3:38

Tgt Ion:330 Resp: 75101
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.3 115.9
 141 33.0 26.2 39.4



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

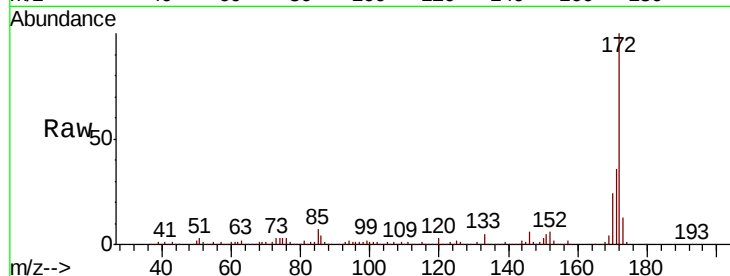




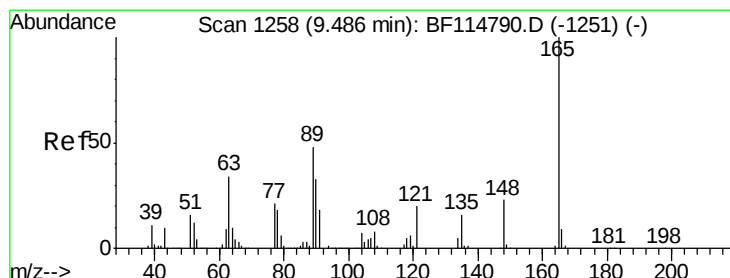
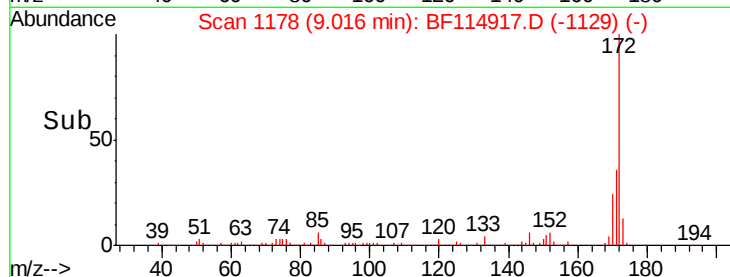
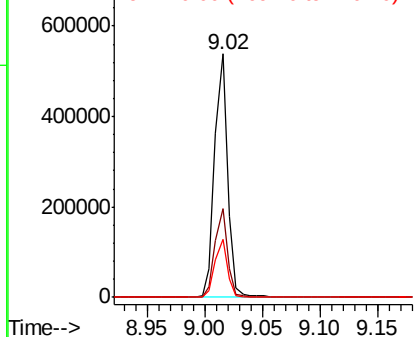
#45
 2-Fluorobiphenyl
 Concen: 17.567 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF114917.D
 Acq: 8 Jun 2019 3:38

Instrument :
 BNA_F
 ClientSampleId :
 SCARSDALE-COMPOSITE-1

Tgt Ion:172 Resp: 425383
 Ion Ratio Lower Upper
 172 100
 171 36.3 32.3 48.5
 170 23.7 22.4 33.6

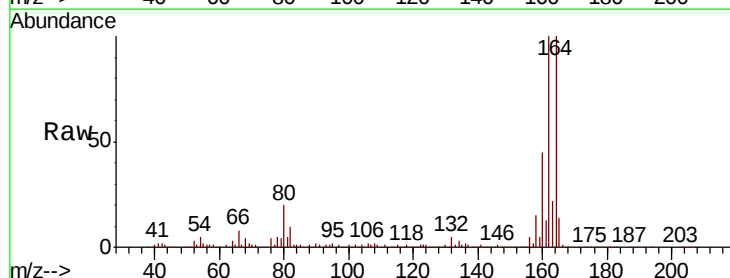


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

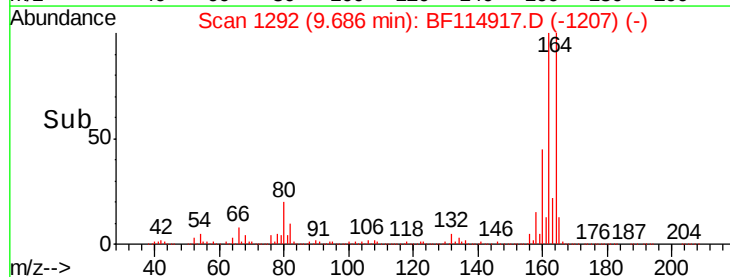
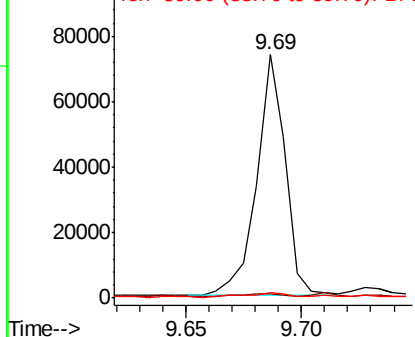


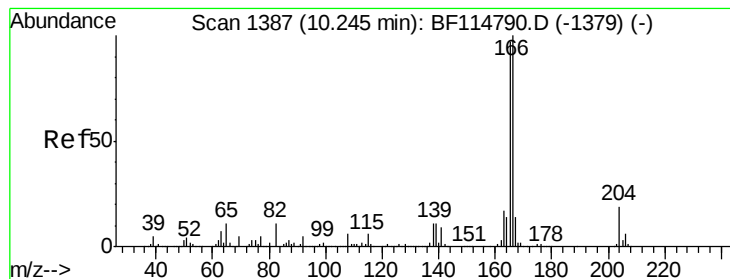
#51
 2,6-Dinitrotoluene
 Concen: 8.112 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.20 min
 Lab File: BF114917.D
 Acq: 8 Jun 2019 3:38

Tgt Ion:165 Resp: 63202
 Ion Ratio Lower Upper
 165 100
 63 2.0 35.1 52.7#
 89 2.0 38.2 57.2#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1





#58

Fluorene

Concen: Below Cal

RT: 10.23 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BF114917.D

Acq: 8 Jun 2019 3:38

Instrument :

BNA_F

ClientSampleId :

SCARSDALE-COMPOSITE-1

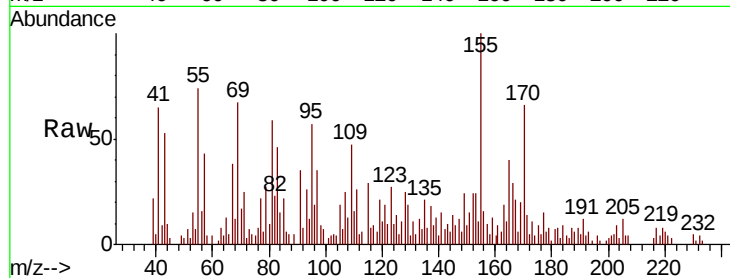
Tgt Ion:166 Resp: 5541

Ion Ratio Lower Upper

166 100

165 137.1 77.9 116.9#

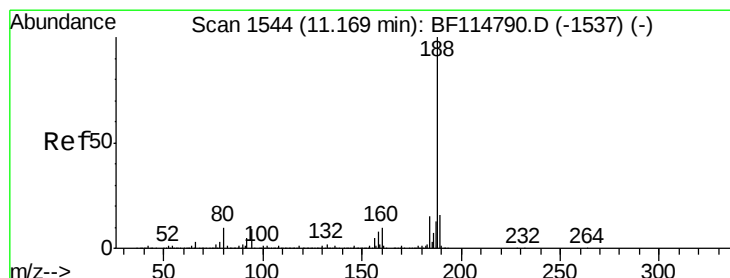
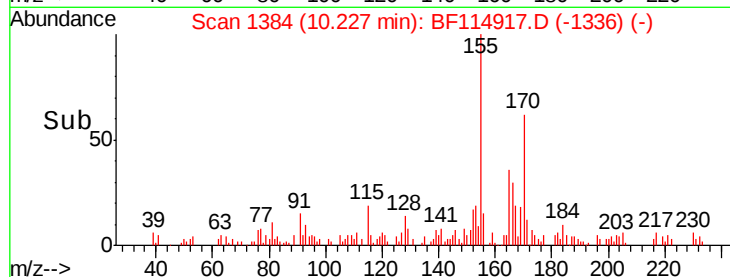
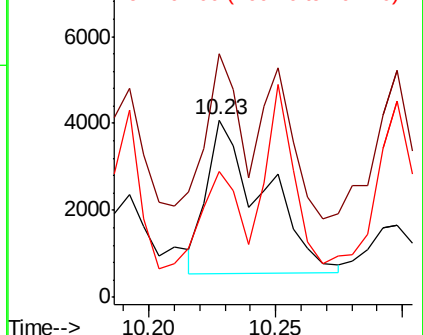
167 70.9 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BF114917.D

Acq: 8 Jun 2019 3:38

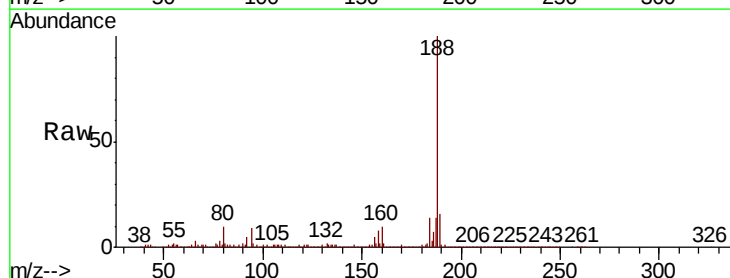
Tgt Ion:188 Resp: 755599

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

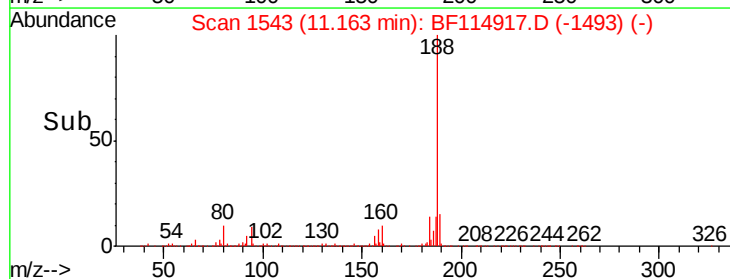
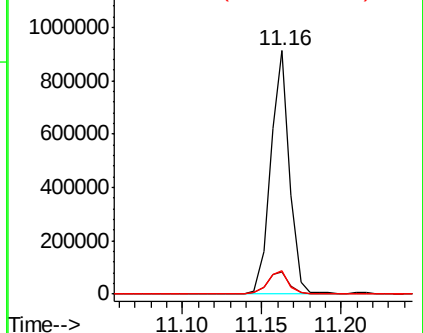
80 9.8 8.3 12.5

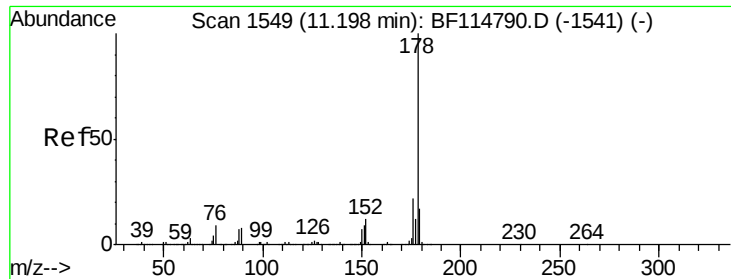


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

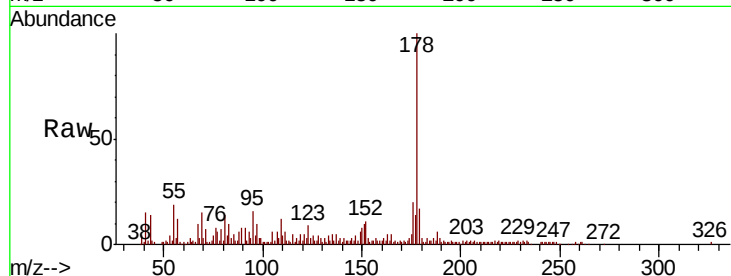




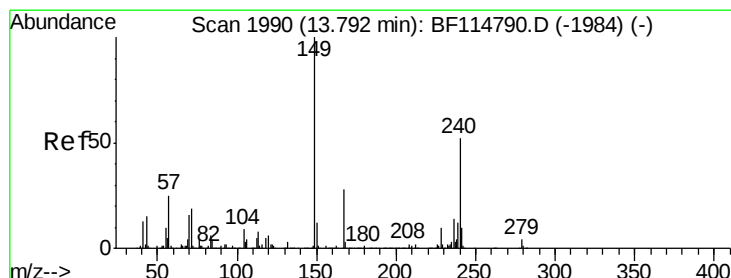
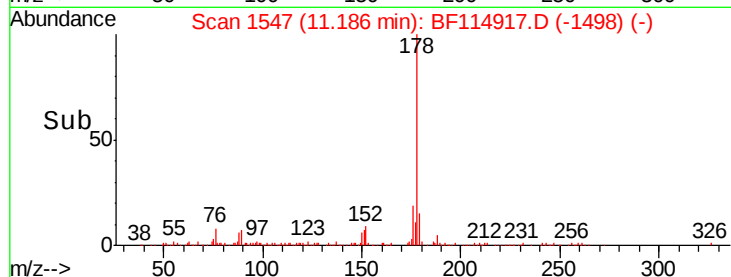
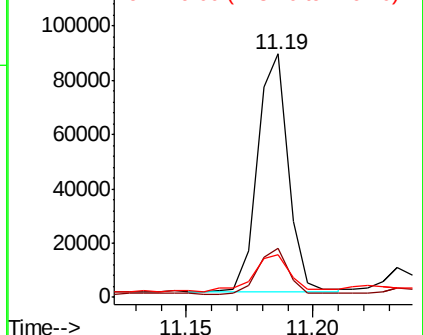
#71
Phenanthrene
Concen: 2.075 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF114917.D
Acq: 8 Jun 2019 3:38

Instrument :
BNA_F
ClientSampleId :
SCARSDALE-COMPOSITE-1

Tgt Ion:178 Resp: 74847
Ion Ratio Lower Upper
178 100
176 20.2 17.7 26.5
179 17.5 13.7 20.5

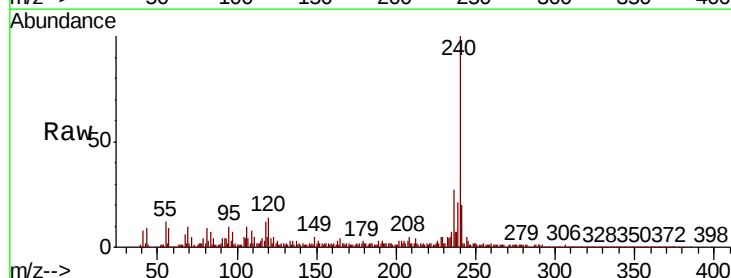


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

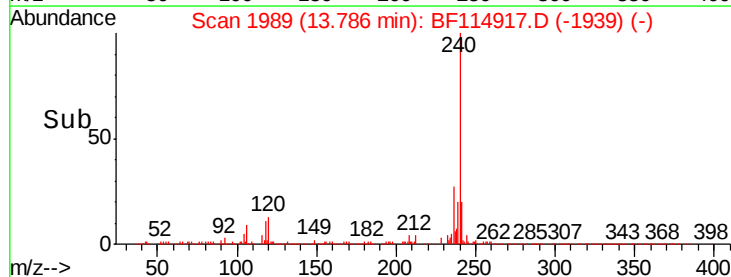
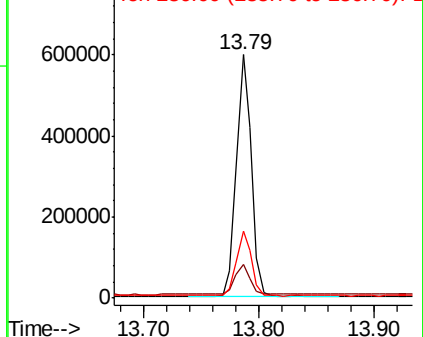


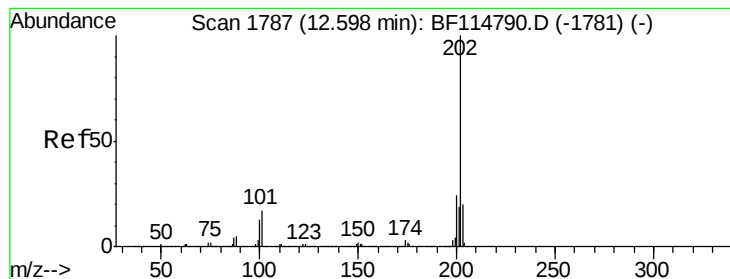
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF114917.D
Acq: 8 Jun 2019 3:38

Tgt Ion:240 Resp: 536112
Ion Ratio Lower Upper
240 100
120 14.0 9.0 13.4#
236 27.4 21.4 32.0



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: 6.238 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF114917.D

Acq: 8 Jun 2019 3:38

Instrument :

BNA_F

ClientSampleId :

SCARSDALE-COMPOSITE-1

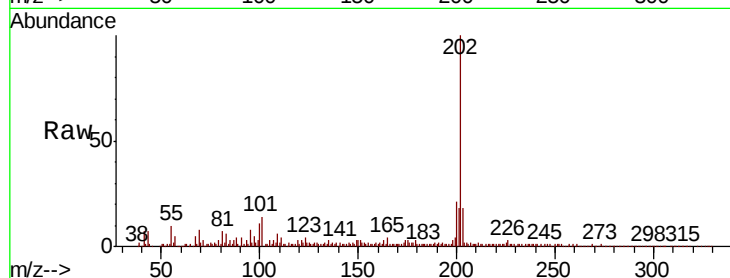
Tgt Ion: 202 Resp: 290102

Ion Ratio Lower Upper

202 100

200 21.2 19.2 28.8

203 18.2 15.9 23.9

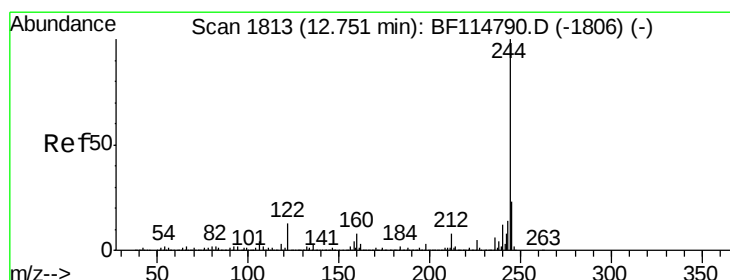
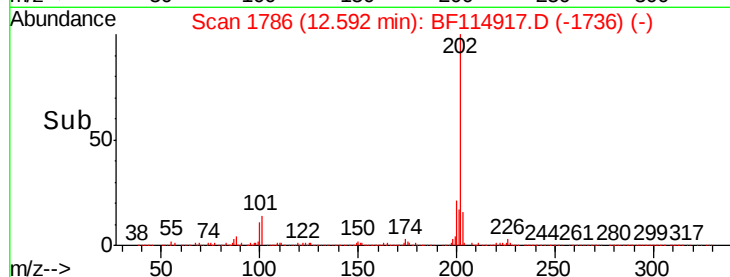
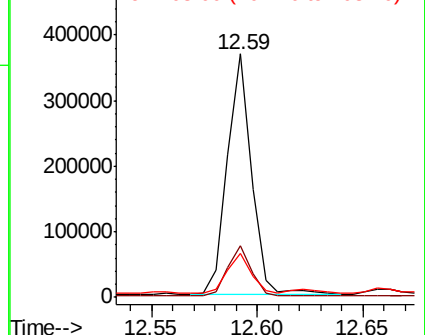


Abundance

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: 12.444 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF114917.D

Acq: 8 Jun 2019 3:38

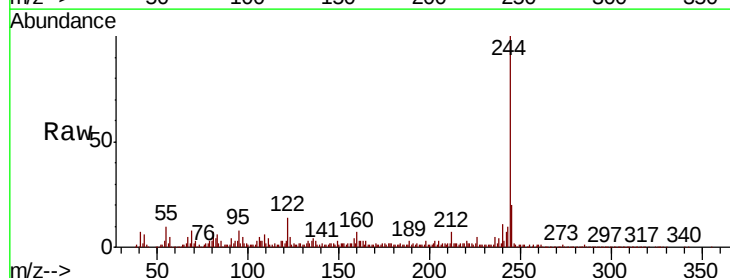
Tgt Ion: 244 Resp: 343037

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

122 13.7 10.5 15.7

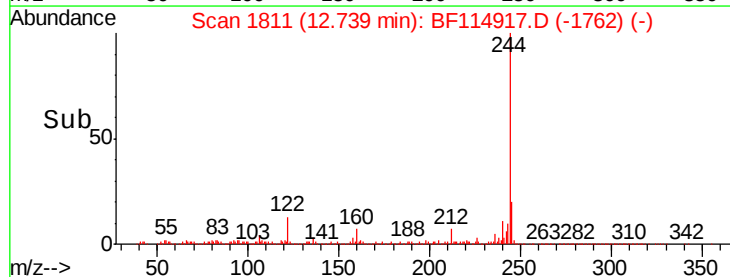
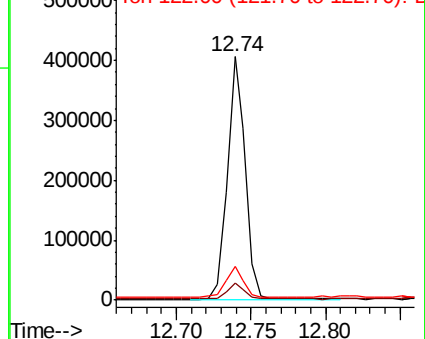


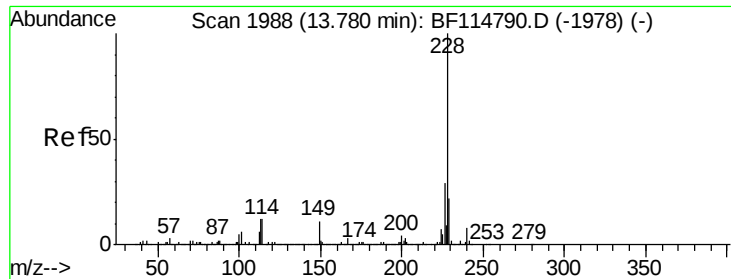
Abundance

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: 6.273 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.02 min

Lab File: BF114917.D

Acq: 8 Jun 2019 3:38

Instrument :

BNA_F

ClientSampleId :

SCARSDALE-COMPOSITE-1

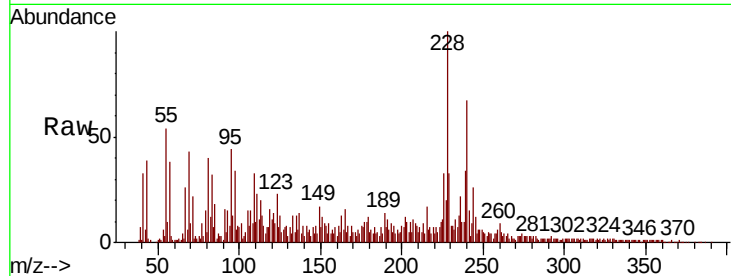
Tgt Ion:228 Resp: 259162

Ion Ratio Lower Upper

228 100

226 33.5 23.4 35.2

229 33.3 17.4 26.0#

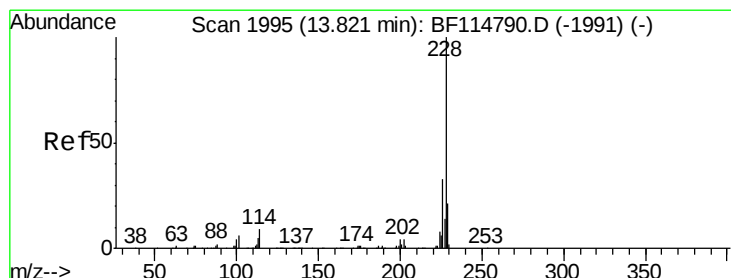
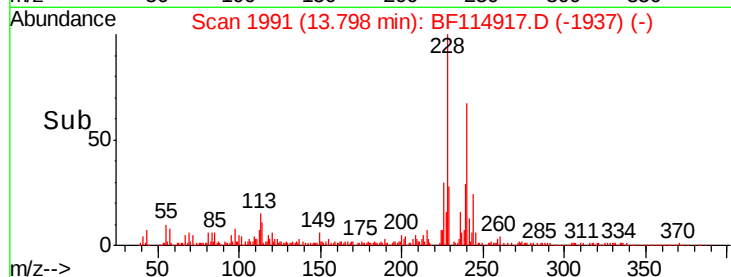
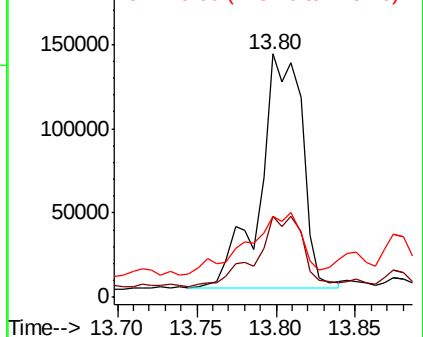


Abundance

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: 6.449 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.02 min

Lab File: BF114917.D

Acq: 8 Jun 2019 3:38

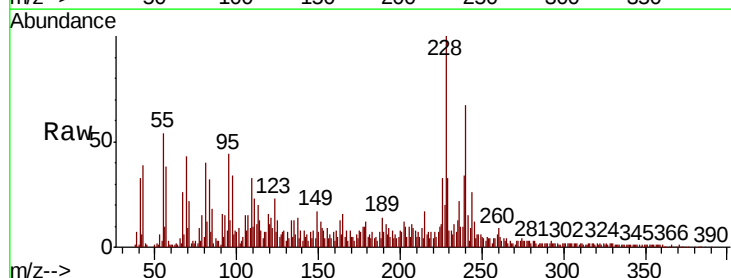
Tgt Ion:228 Resp: 259162

Ion Ratio Lower Upper

228 100

226 33.5 26.0 39.0

229 33.3 17.1 25.7#

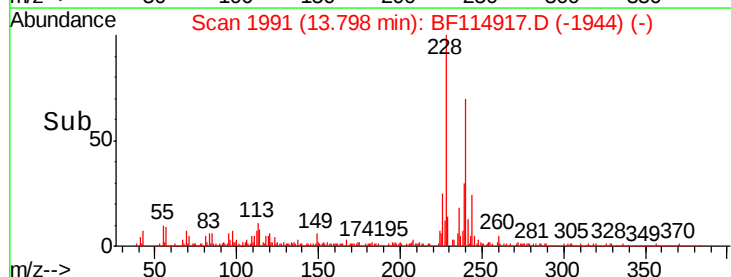
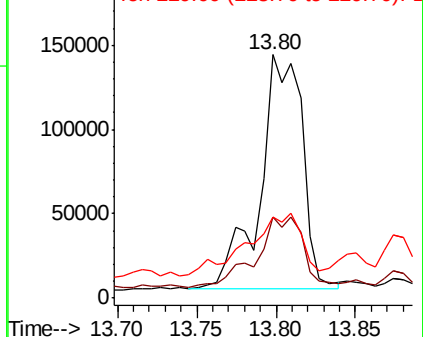


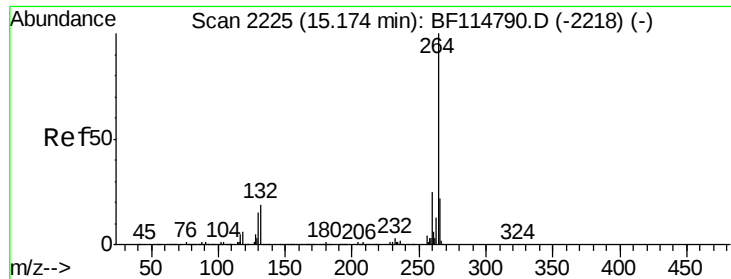
Abundance

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

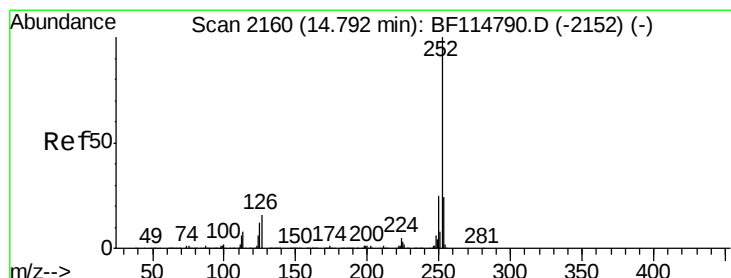
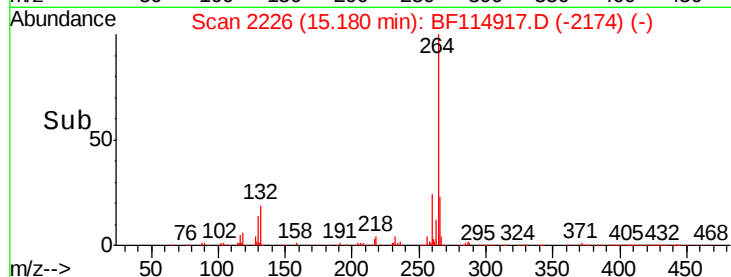
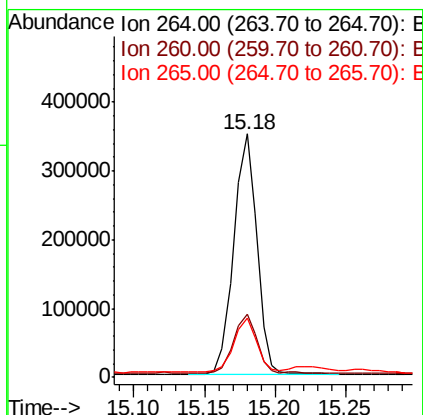
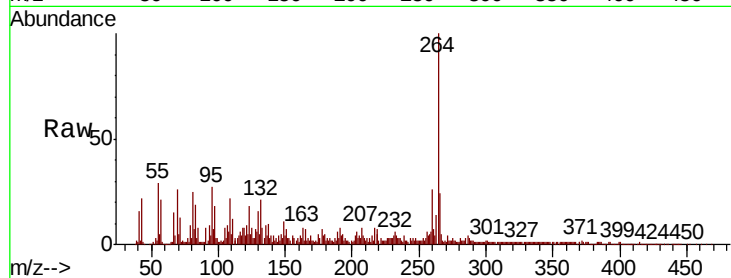




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF114917.D
Acq: 8 Jun 2019 3:38

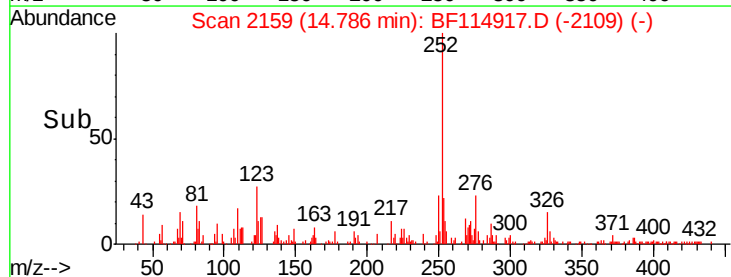
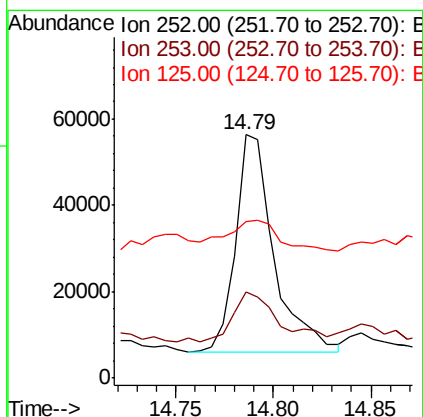
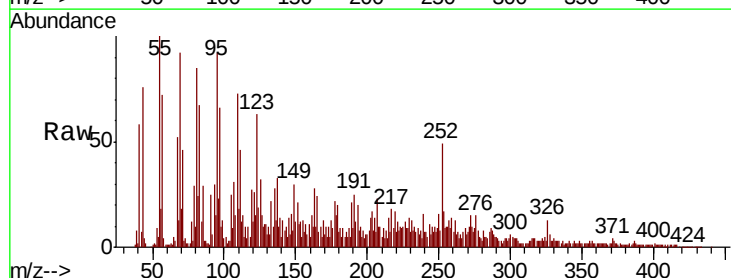
Instrument :
BNA_F
ClientSampleId :
SCARSDALE-COMPOSITE-1

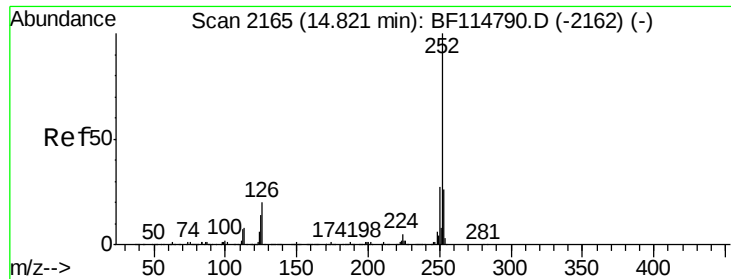
Tgt Ion: 264 Resp: 403450
Ion Ratio Lower Upper
264 100
260 26.2 20.1 30.1
265 24.5 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 2.690 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BF114917.D
Acq: 8 Jun 2019 3:38

Tgt Ion: 252 Resp: 69080
Ion Ratio Lower Upper
252 100
253 35.3 19.0 28.6#
125 64.3 9.4 14.0#

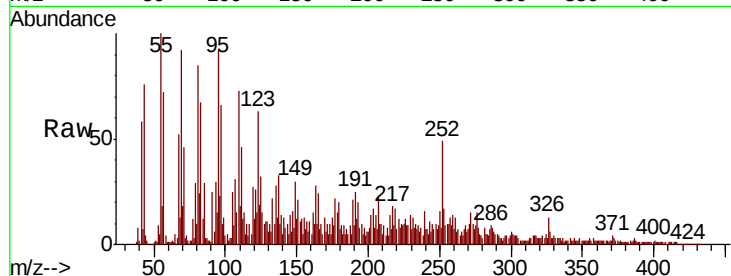




#89
Benzo(k)fluoranthene
Concen: 3.167 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.04 min
Lab File: BF114917.D
Acq: 8 Jun 2019 3:38

Instrument :
BNA_F
ClientSampleId :
SCARSDALE-COMPOSITE-1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.3	19.3	28.9#
125	64.3	10.1	15.1#

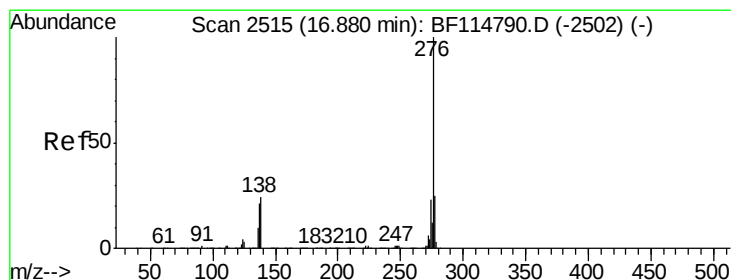
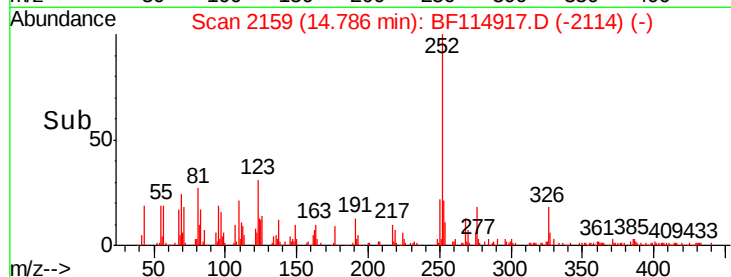
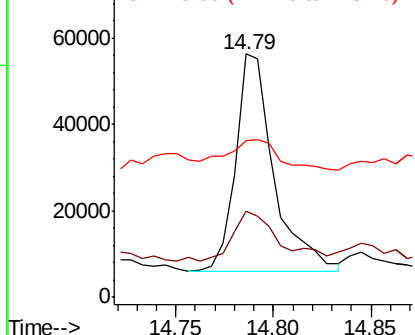


Abundance

Ion 252.00 (251.70 to 252.70): E

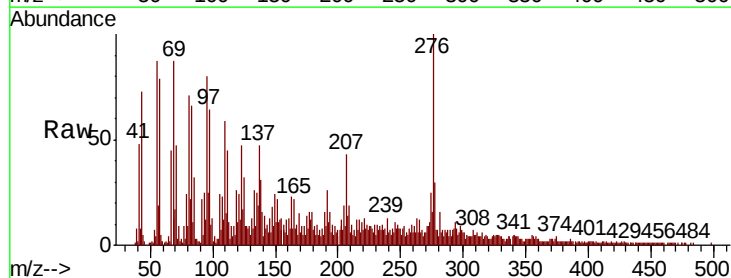
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 4.852 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.01 min
Lab File: BF114917.D
Acq: 8 Jun 2019 3:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.3	19.8	29.6#
138	30.7	19.4	29.2#



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

