

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
 Data File : BF114172.D
 Acq On : 12 May 2019 00:00
 Operator : JU/SJ
 Sample : K2764-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-0002-01

Quant Time: May 12 05:56:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	305239	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1126058	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	517396	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	911304	20.00	ng	0.00
76) Chrysene-d12	14.02	240	513085	20.00	ng	0.00
87) Perylene-d12	15.49	264	716410	20.00	ng	-0.02

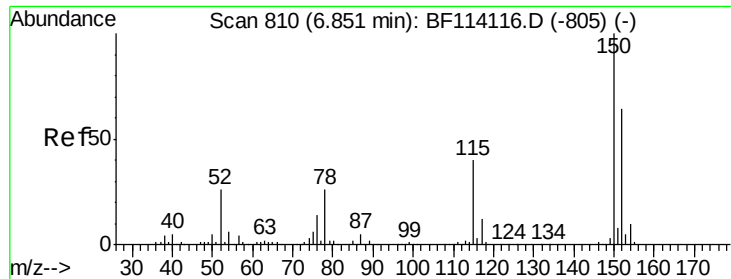
System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1659438	87.49	ng	0.00
7) Phenol-d6	6.49	99	2238101	99.77	ng	0.00
23) Nitrobenzene-d5	7.41	82	1392602	69.40	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	462487	86.46	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1963701	57.41	ng	0.00
79) Terphenyl-d14	12.95	244	1257311	50.52	ng	0.00

Target Compounds

						Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	185432	13.041	ng	# 76
25) Isophorone	7.41	82	1391176	37.384	ng	# 64
31) Naphthalene	8.15	128	651312	12.382	ng	99
32) Benzoic acid	7.85	122	16439	8.285	ng	90
33) 4-Chloroaniline	8.15	127	87044	3.631	ng	# 35
37) 2-Methylnaphthalene	8.84	142	256228	7.550	ng	98
38) 1-Methylnaphthalene	8.94	142	168902	5.285	ng	98
46) 1,1'-Biphenyl	9.30	154	99161	2.372	ng	95
49) Acenaphthylene	9.75	152	1057412	20.668	ng	98
50) Dimethylphthalate	9.59	163	239056	6.294	ng	100
54) 2,4-Dinitrophenol	9.95	184	219	6.793	ng	# 1
58) Fluorene	10.53	166	76933	2.163	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	29237	2.914	ng	# 1
71) Phenanthrene	11.40	178	3856655	86.987	ng	97
72) Anthracene	11.45	178	701366	15.750	ng	99
75) Fluoranthene	12.60	202	4362850	91.380	ng	97
78) Pyrene	12.83	202	6759725	163.772	ng	93
80) Butylbenzylphthalate	13.47	149	37911	2.182	ng	# 78
81) Benzo(a)anthracene	14.01	228	3037263	91.522	ng	# 85
82) 3,3'-Dichlorobenzidine	14.04	252	81258	6.312	ng	# 1
83) Chrysene	14.04	228	3353171	103.074	ng	97
86) Indeno(1,2,3-cd)pyrene	16.96	276	2008669	69.864	ng	97
88) Benzo(b)fluoranthene	15.07	252	5026771	109.522	ng	# 96
89) Benzo(k)fluoranthene	15.07	252	5026771	119.227	ng	# 97
90) Benzo(a)pyrene	15.43	252	2659590	65.842	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	565104	16.836	ng	97
92) Benzo(g,h,i)perylene	17.42	276	2182668	64.888	ng	99

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

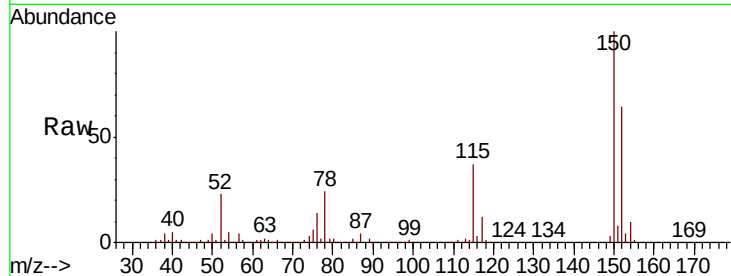


#1

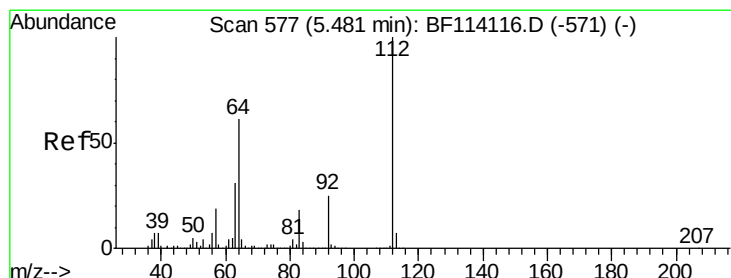
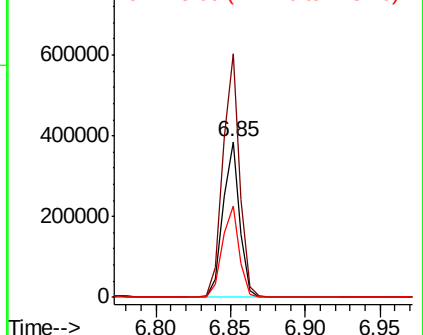
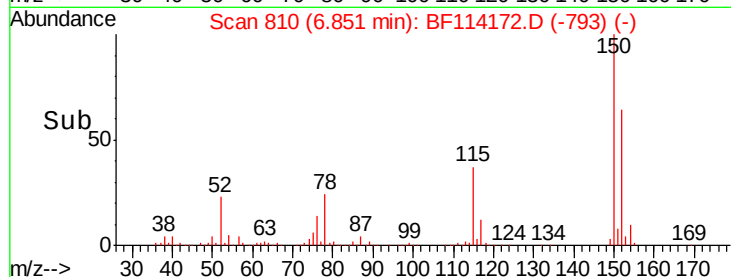
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF114172.D
Acq: 12 May 2019 00:00

Instrument :
BNA_F
ClientSampleId :
P026-SS002-0002-01

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.3	186.5
115	58.2	49.1	73.7



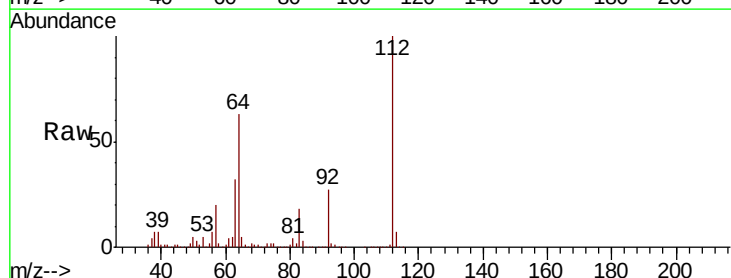
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



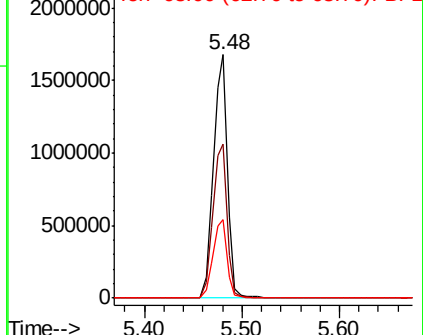
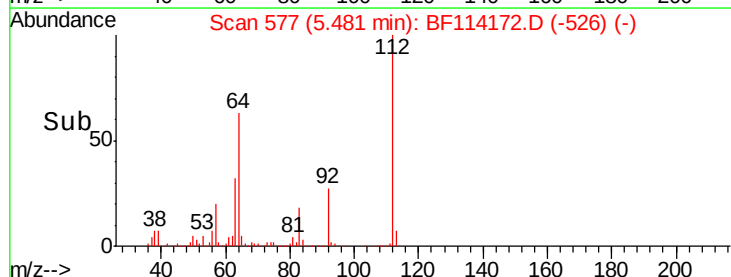
#5

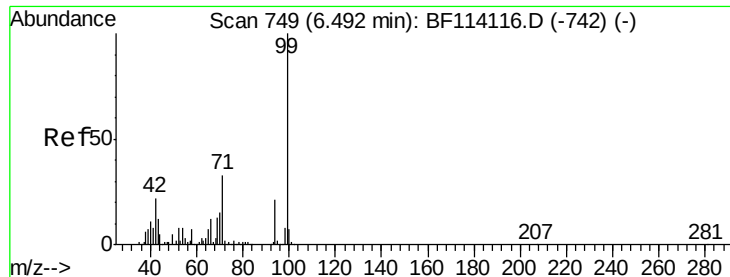
2-Fluorophenol
Concen: 87.488 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114172.D
Acq: 12 May 2019 00:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	49.0	73.6
63	32.0	24.6	37.0



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: 99.765 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114172.D

Acq: 12 May 2019 00:00

Instrument :

BNA_F

ClientSampleId :

P026-SS002-0002-01

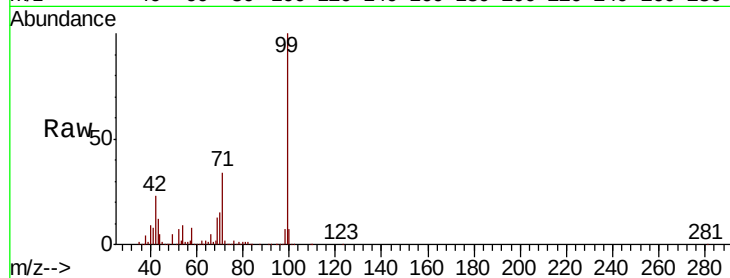
Tgt Ion: 99 Resp: 2238101

Ion Ratio Lower Upper

99 100

42 22.9 17.9 26.9

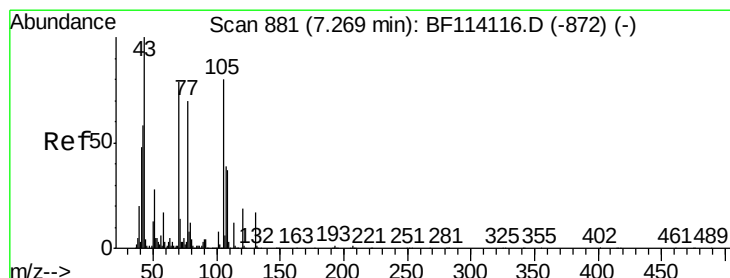
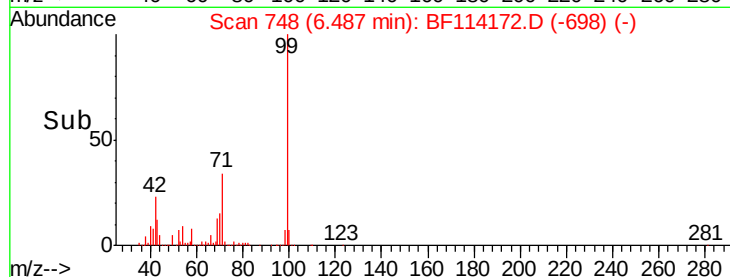
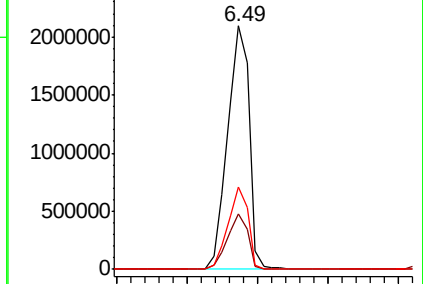
71 33.8 26.2 39.2



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: 13.041 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114172.D

Acq: 12 May 2019 00:00

Tgt Ion: 70 Resp: 185432

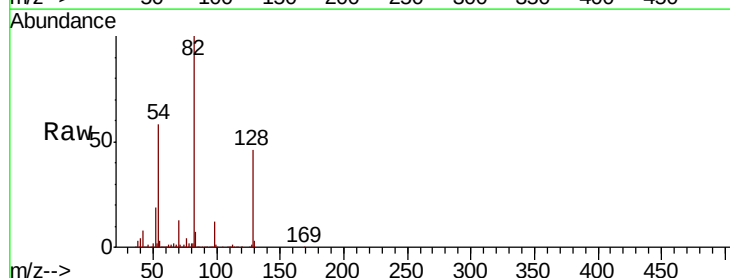
Ion Ratio Lower Upper

70 100

42 57.3 58.6 87.8#

101 0.0 7.8 11.8#

130 2.2 17.1 25.7#

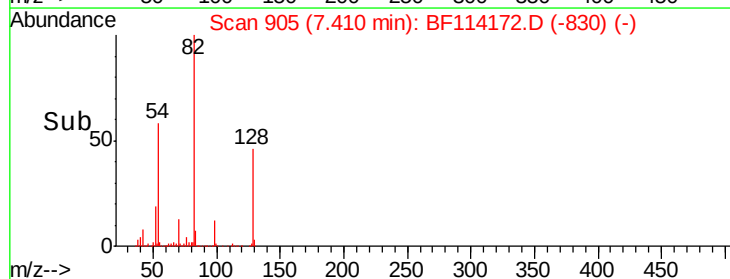
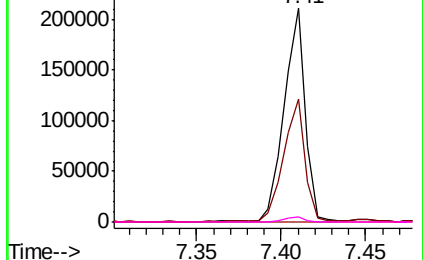


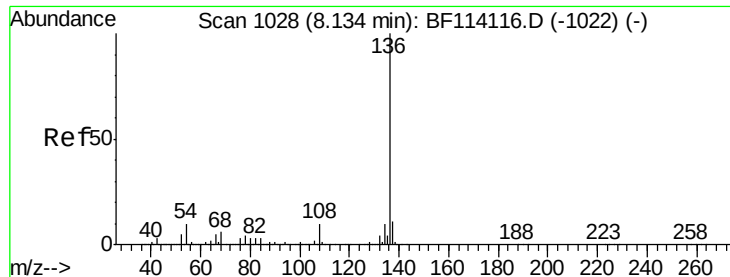
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

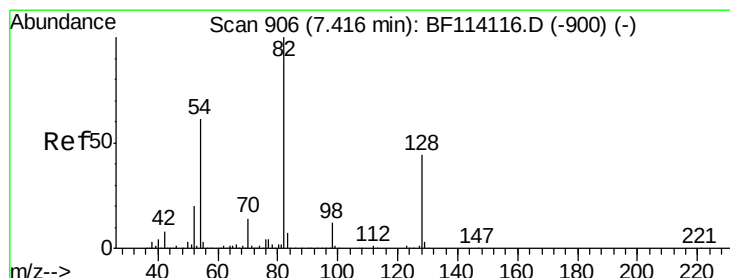
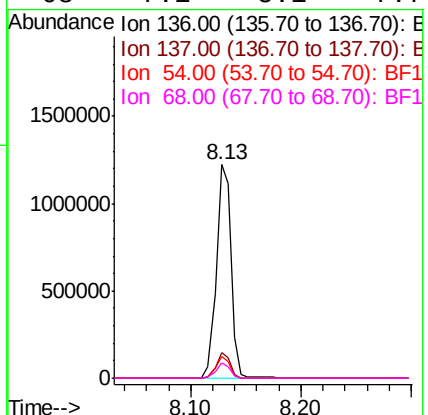
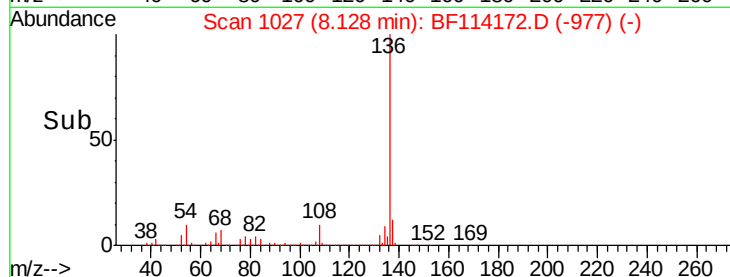
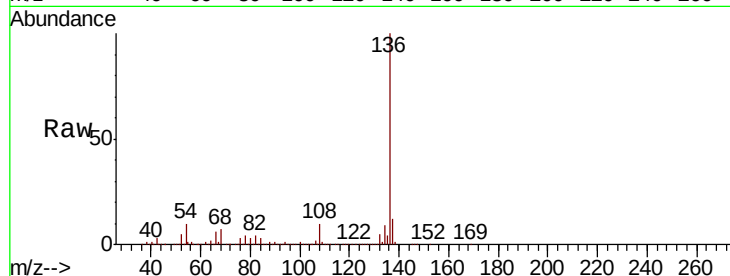




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114172.D
Acq: 12 May 2019 00:00

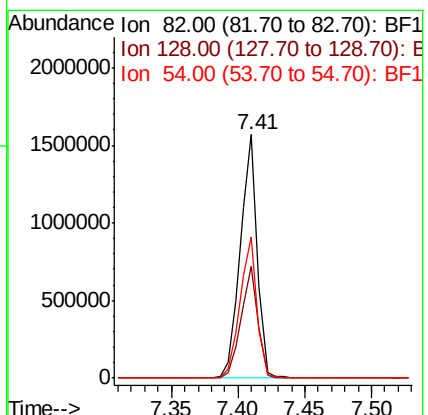
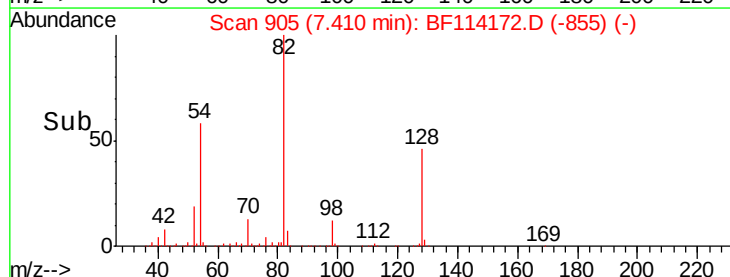
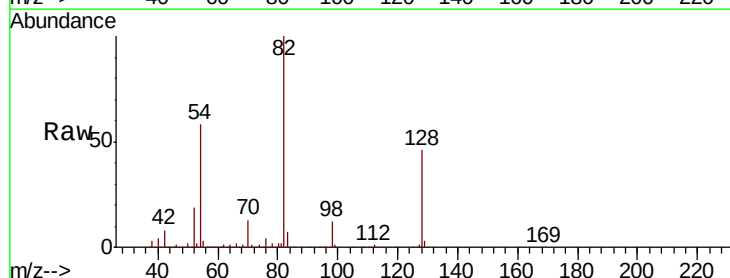
Instrument :
BNA_F
ClientSampleId :
P026-SS002-0002-01

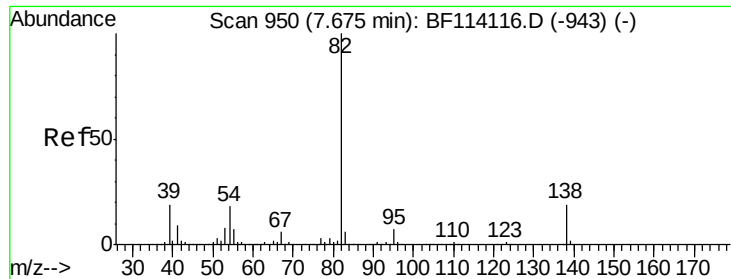
Tgt Ion:	136	Resp:	1126058
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	10.3	7.8	11.8
68	7.1	5.1	7.7



#23
Nitrobenzene-d5
Concen: 69.404 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114172.D
Acq: 12 May 2019 00:00

Tgt Ion:	82	Resp:	1392602
Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.5	53.3
54	58.2	48.5	72.7





#25

Isophorone

Concen: 37.384 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114172.D

Acq: 12 May 2019 00:00

Instrument :

BNA_F

ClientSampleId :

P026-SS002-0002-01

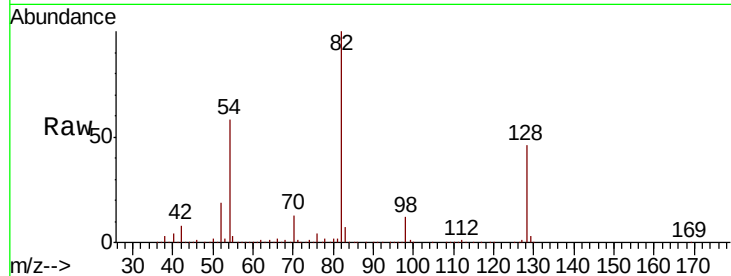
Tgt Ion: 82 Resp: 1391176

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

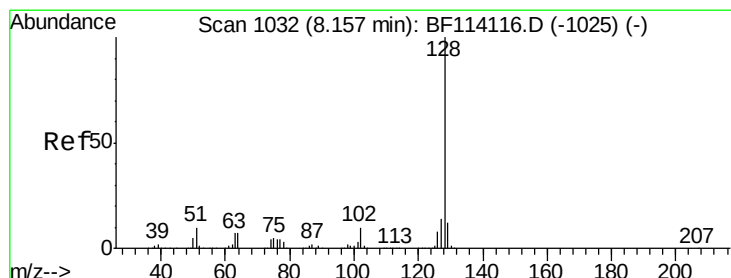
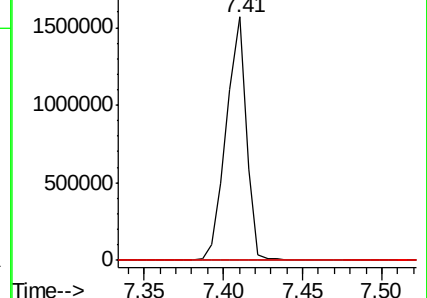
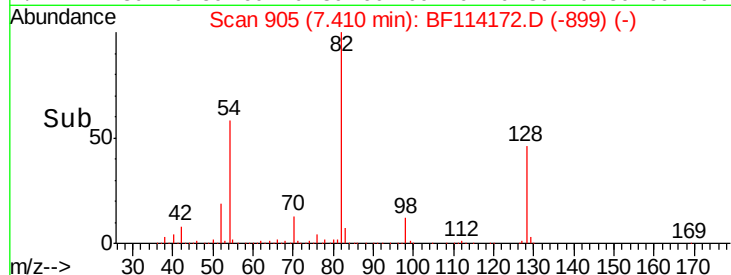
138 0.0 14.8 22.2#



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: 12.382 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF114172.D

Acq: 12 May 2019 00:00

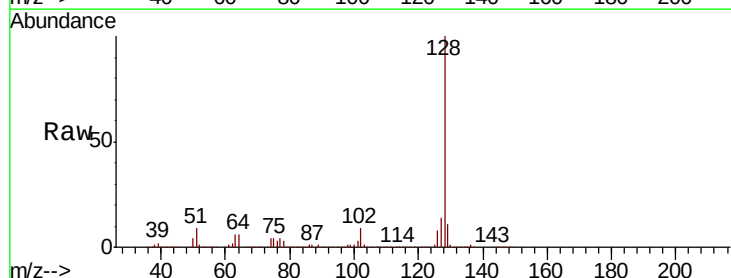
Tgt Ion: 128 Resp: 651312

Ion Ratio Lower Upper

128 100

129 11.3 9.6 14.4

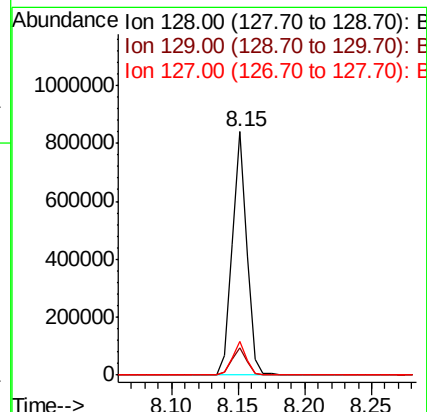
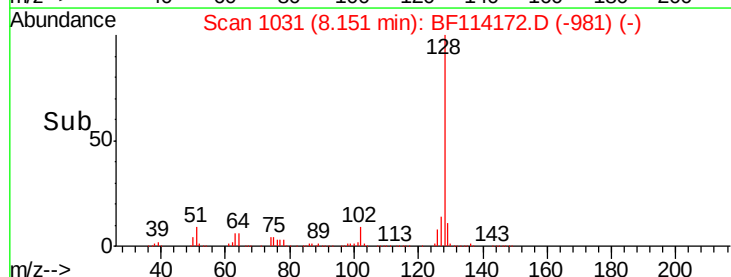
127 13.7 11.3 16.9

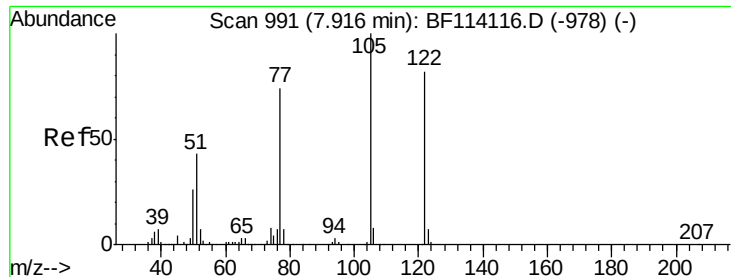


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 8.285 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.07 min

Lab File: BF114172.D

Acq: 12 May 2019 00:00

Instrument :

BNA_F

ClientSampleId :

P026-SS002-0002-01

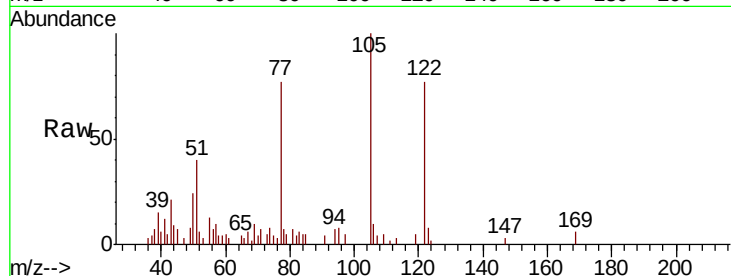
Tgt Ion:122 Resp: 16439

Ion Ratio Lower Upper

122 100

105 130.1 99.9 139.9

77 100.2 69.4 109.4

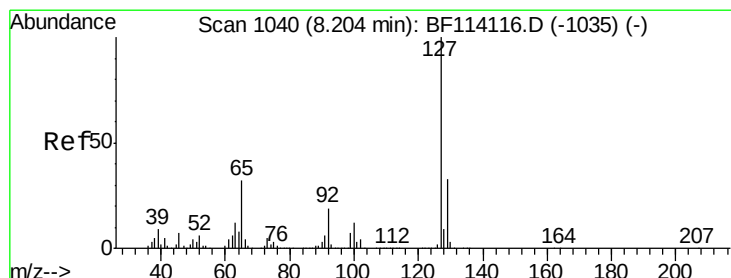
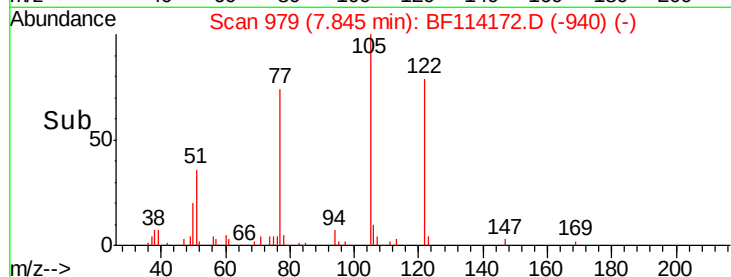
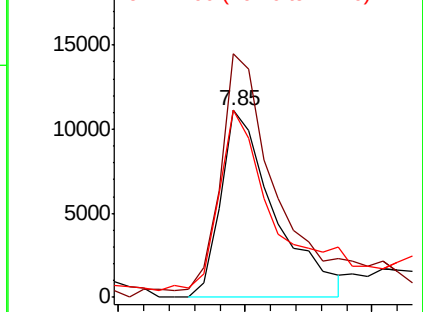


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 3.631 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.05 min

Lab File: BF114172.D

Acq: 12 May 2019 00:00

Tgt Ion:127 Resp: 87044

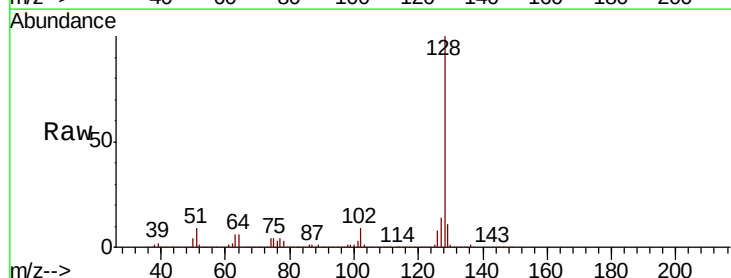
Ion Ratio Lower Upper

127 100

129 82.6 26.7 40.1#

65 0.0 25.4 38.0#

92 0.3 15.4 23.2#



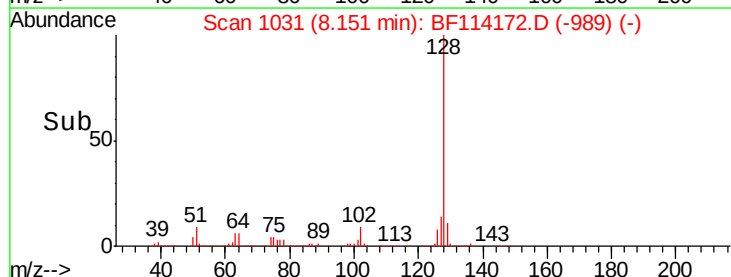
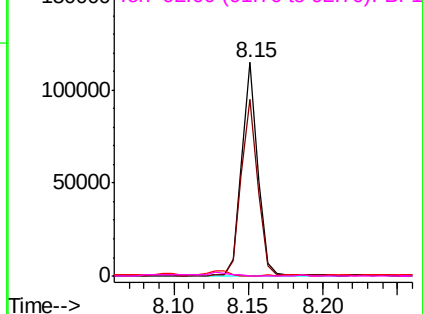
Abundance

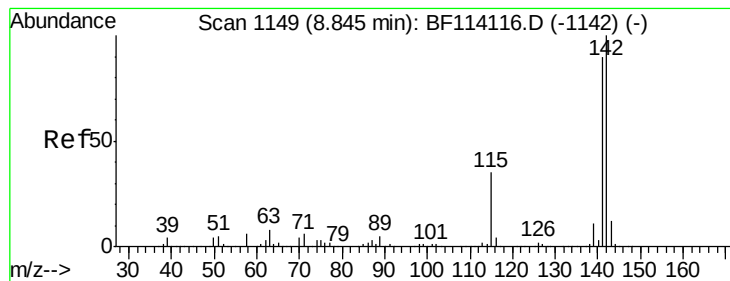
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#37

2-Methylnaphthalene

Concen: 7.550 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF114172.D

Acq: 12 May 2019 00:00

Instrument :

BNA_F

ClientSampleId :

P026-SS002-0002-01

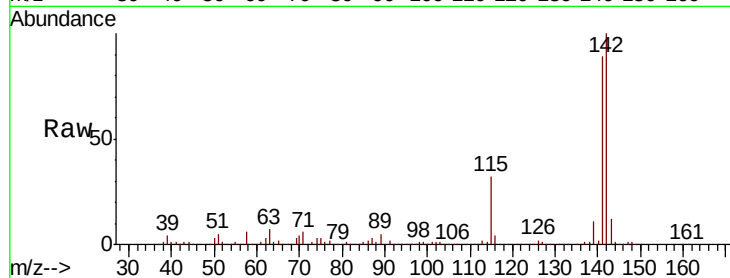
Tgt Ion:142 Resp: 256228

Ion Ratio Lower Upper

142 100

141 89.2 72.1 108.1

115 32.2 28.0 42.0

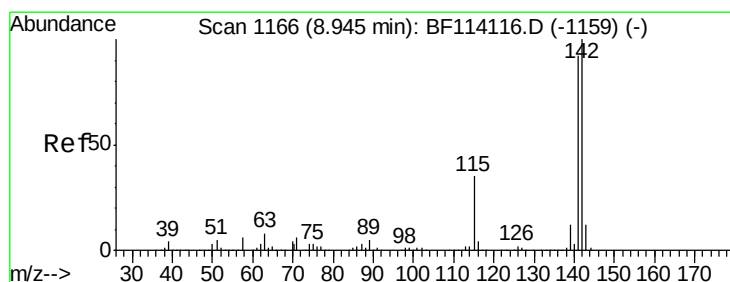
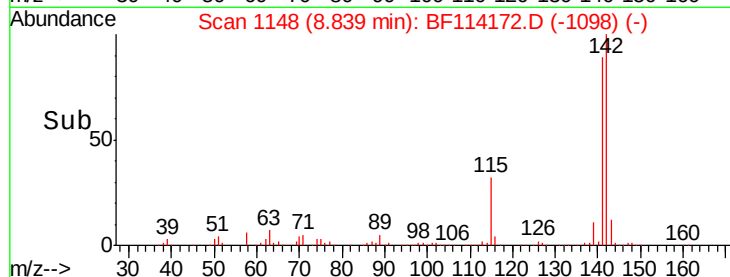
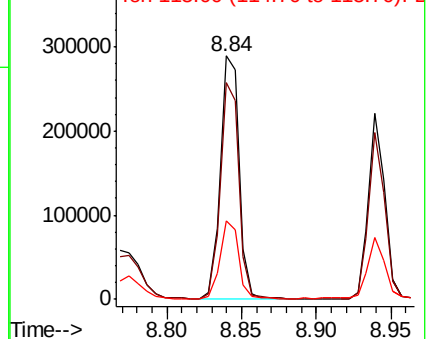


Abundance

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: 5.285 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF114172.D

Acq: 12 May 2019 00:00

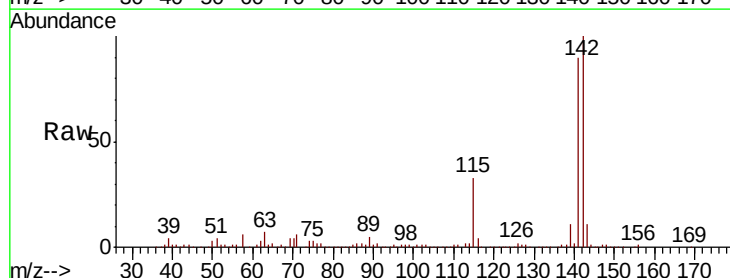
Tgt Ion:142 Resp: 168902

Ion Ratio Lower Upper

142 100

141 89.8 73.4 110.0

116 4.1 3.1 4.7

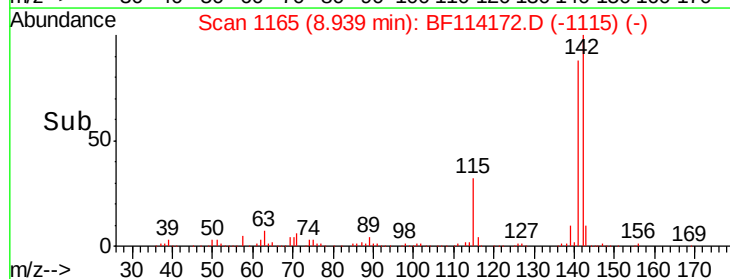
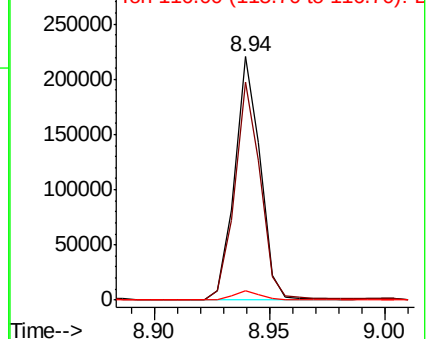


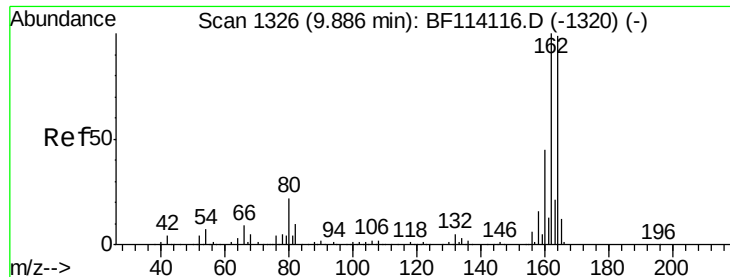
Abundance

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

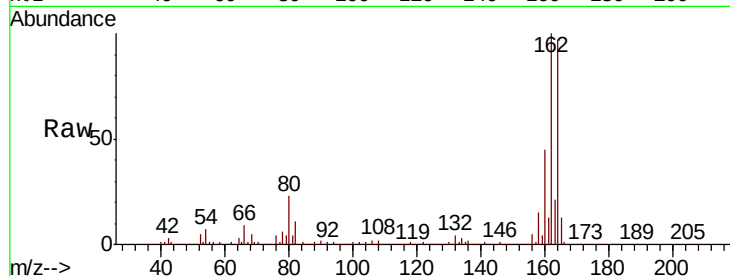




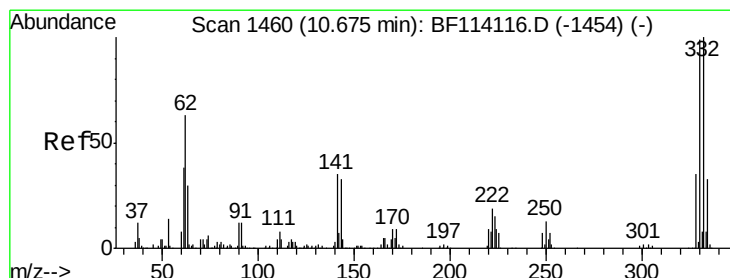
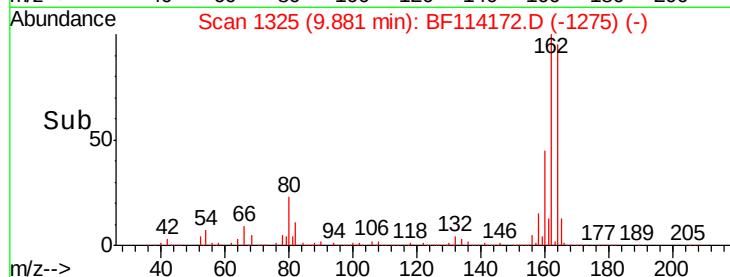
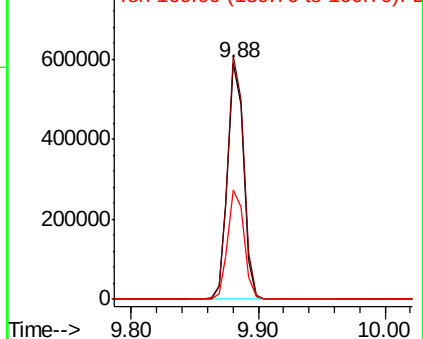
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114172.D
Acq: 12 May 2019 00:00

Instrument :
BNA_F
ClientSampleId :
P026-SS002-0002-01

Tgt Ion:164 Resp: 517396
Ion Ratio Lower Upper
164 100
162 103.0 80.6 120.8
160 46.0 36.5 54.7

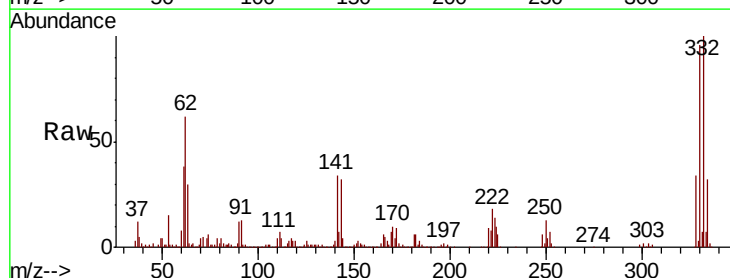


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

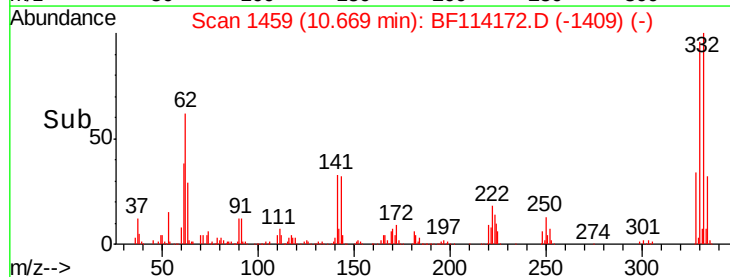
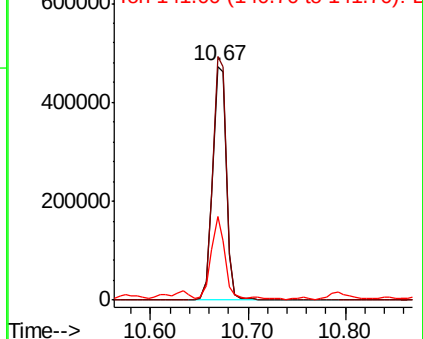


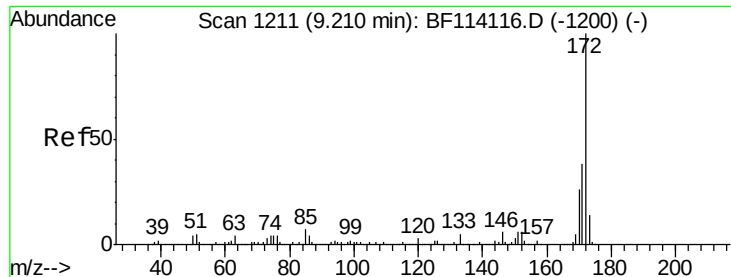
#42
2,4,6-Tribromophenol
Concen: 86.462 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF114172.D
Acq: 12 May 2019 00:00

Tgt Ion:330 Resp: 462487
Ion Ratio Lower Upper
330 100
332 102.4 81.4 122.2
141 33.5 26.6 40.0



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

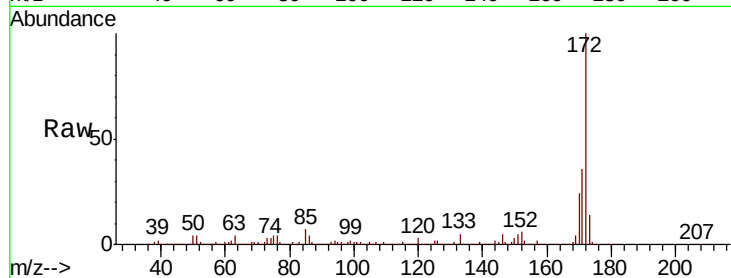




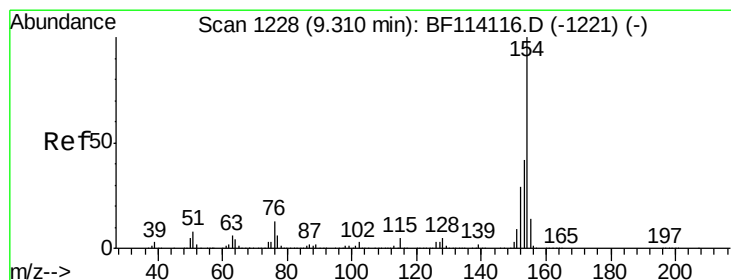
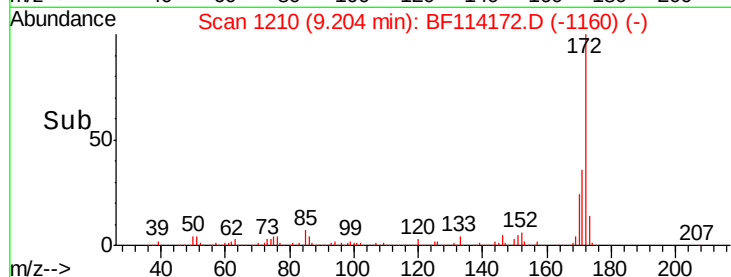
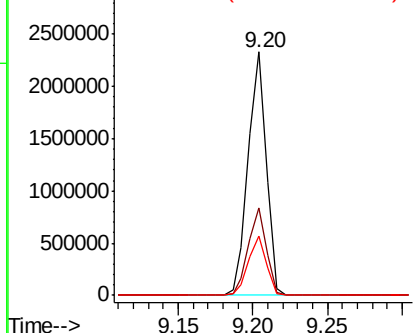
#45
 2-Fluorobiphenyl
 Concen: 57.411 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114172.D
 Acq: 12 May 2019 00:00

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-0002-01

Tgt Ion:172 Resp: 1963701
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.7 46.1
 170 24.5 20.5 30.7

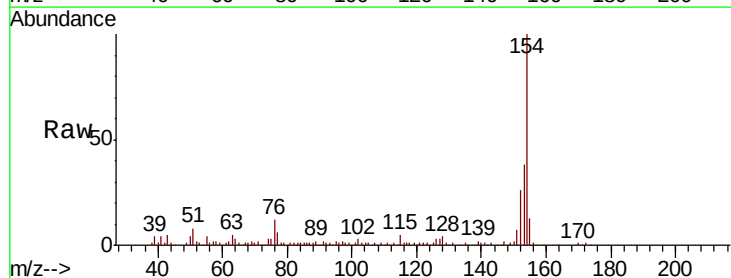


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

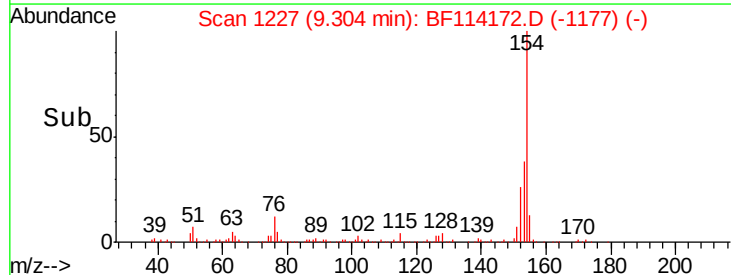
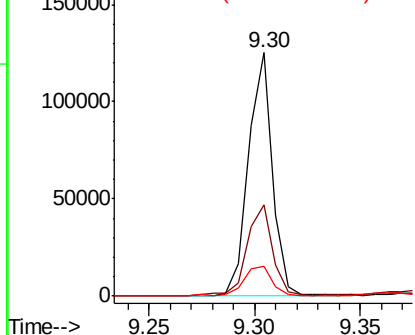


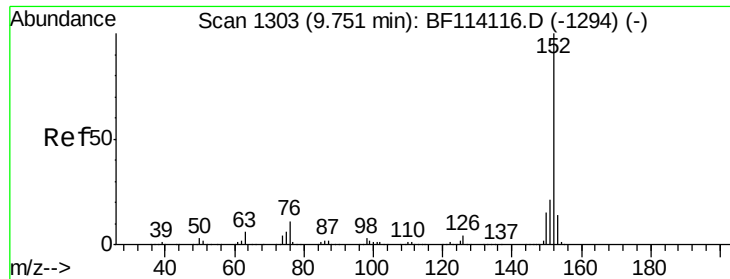
#46
 1,1'-Biphenyl
 Concen: 2.372 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF114172.D
 Acq: 12 May 2019 00:00

Tgt Ion:154 Resp: 99161
 Ion Ratio Lower Upper
 154 100
 153 37.7 21.9 61.9
 76 12.3 0.0 32.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1





#49

Acenaphthylene

Concen: 20.668 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF114172.D

Acq: 12 May 2019 00:00

Instrument :

BNA_F

ClientSampleId :

P026-SS002-0002-01

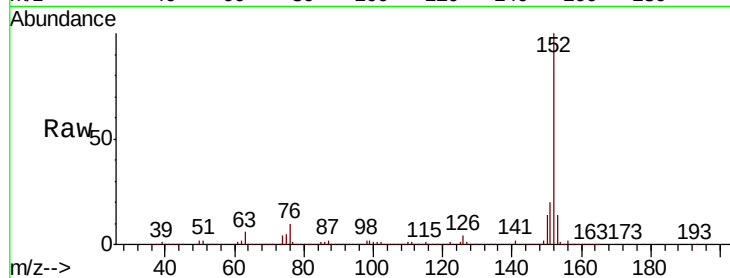
Tgt Ion:152 Resp: 1057412

Ion Ratio Lower Upper

152 100

151 20.1 16.8 25.2

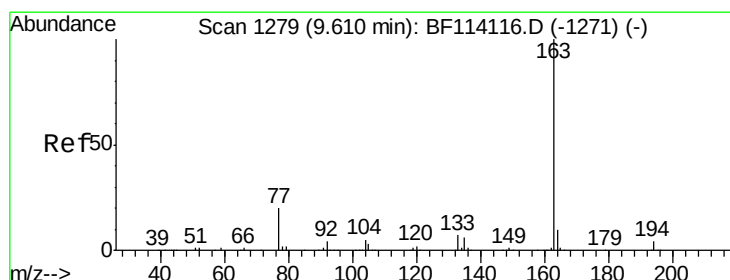
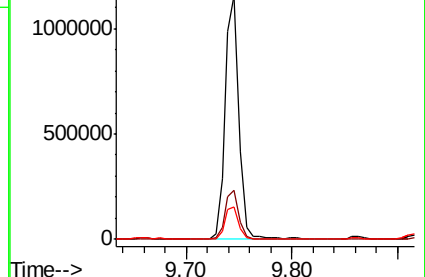
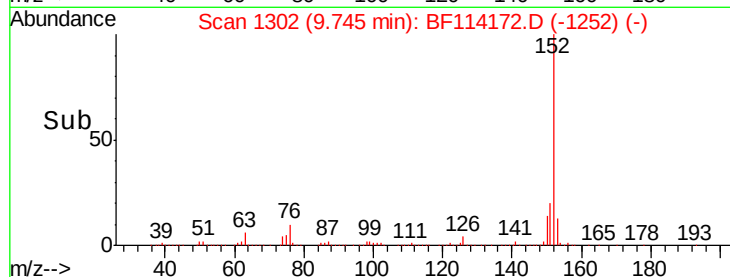
153 13.6 11.4 17.2



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: 6.294 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF114172.D

Acq: 12 May 2019 00:00

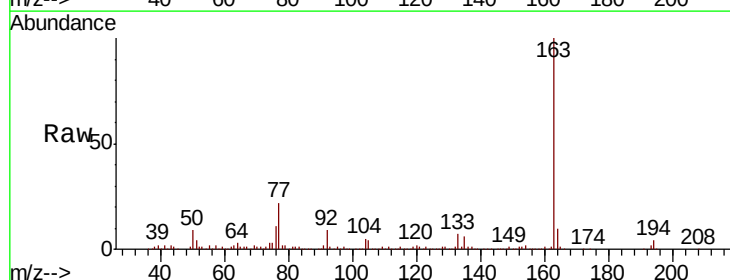
Tgt Ion:163 Resp: 239056

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

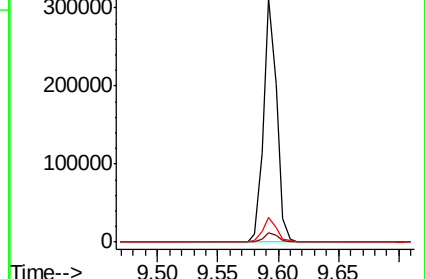
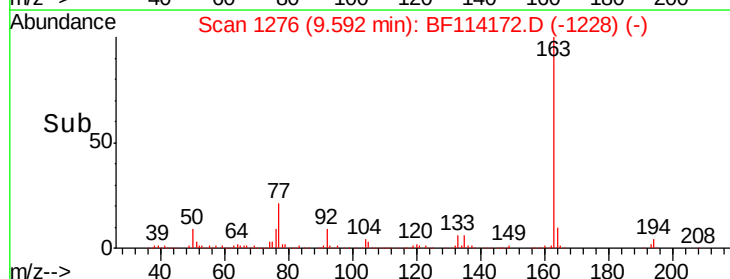
164 10.1 8.2 12.2

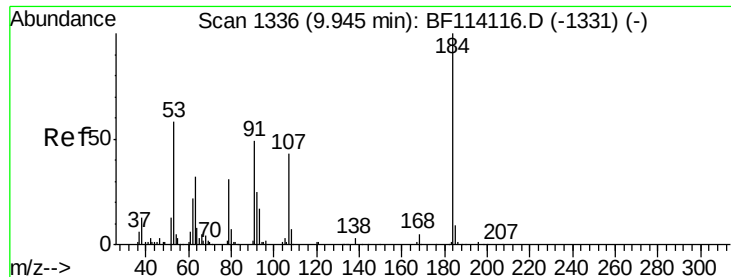


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#54

2,4-Dinitrophenol

Concen: 6.793 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF114172.D

Acq: 12 May 2019 00:00

Instrument :

BNA_F

ClientSampleId :

P026-SS002-0002-01

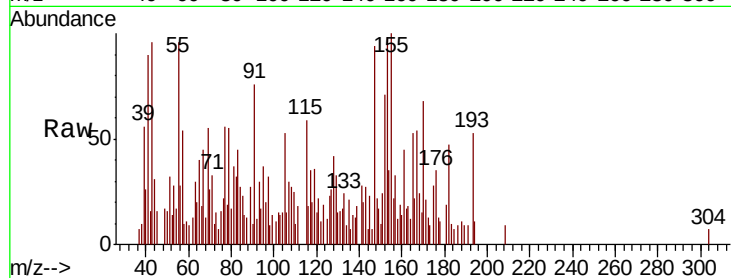
Tgt Ion:184 Resp: 219

Ion Ratio Lower Upper

184 100

63 404.7 55.6 83.4#

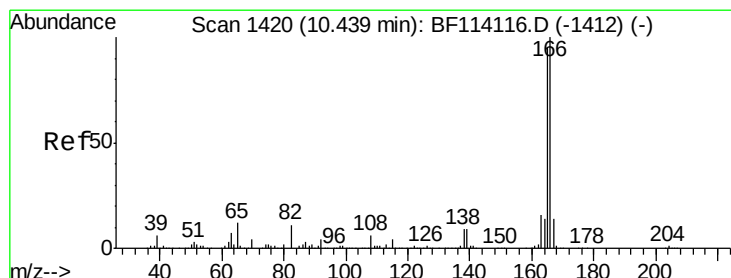
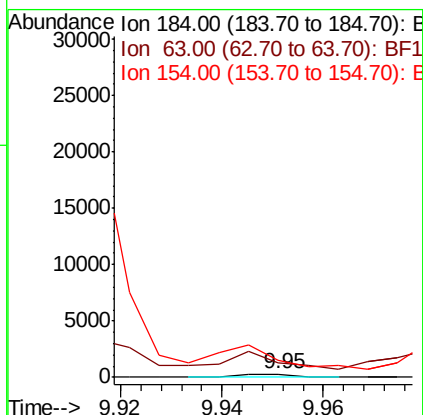
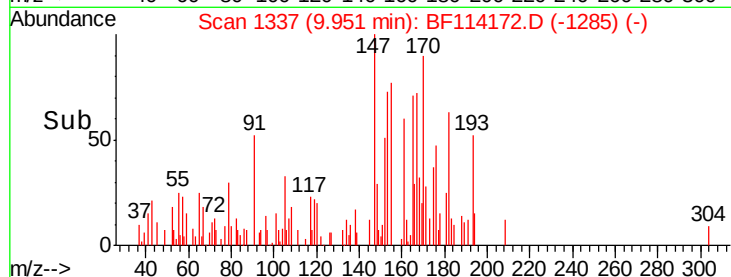
154 462.2 46.0 69.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#58

Fluorene

Concen: 2.163 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.09 min

Lab File: BF114172.D

Acq: 12 May 2019 00:00

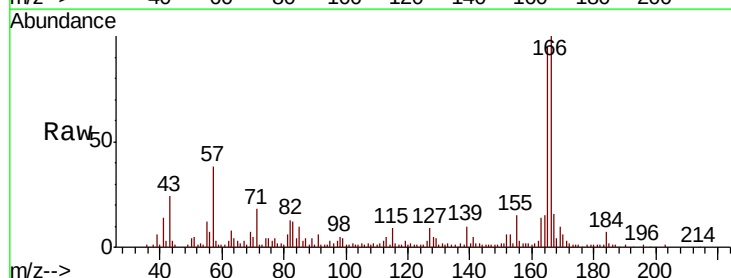
Tgt Ion:166 Resp: 76933

Ion Ratio Lower Upper

166 100

165 94.7 76.1 114.1

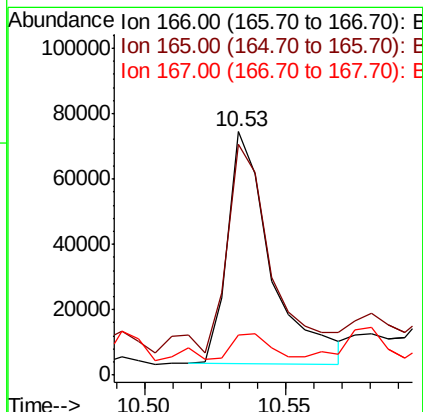
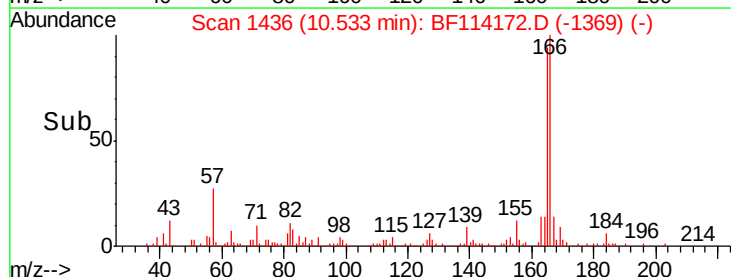
167 16.4 11.1 16.7

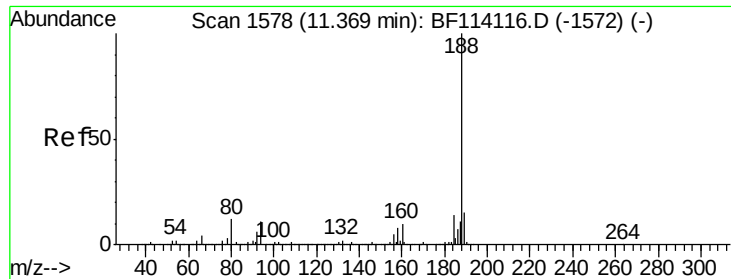


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

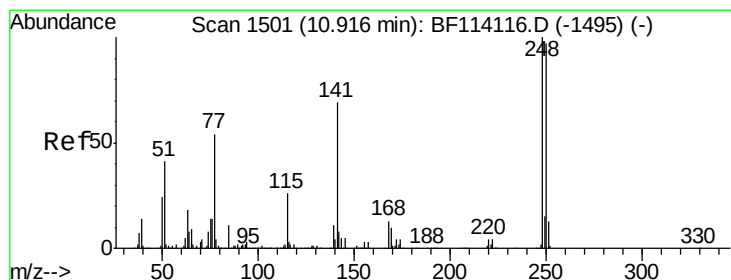
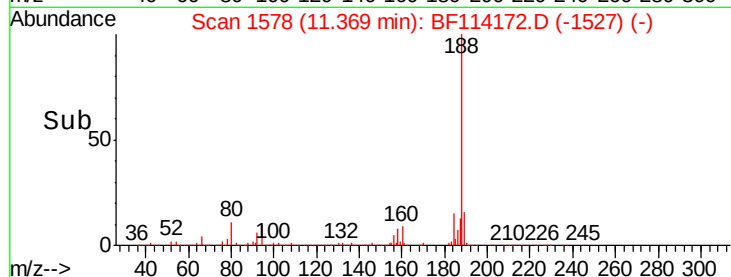
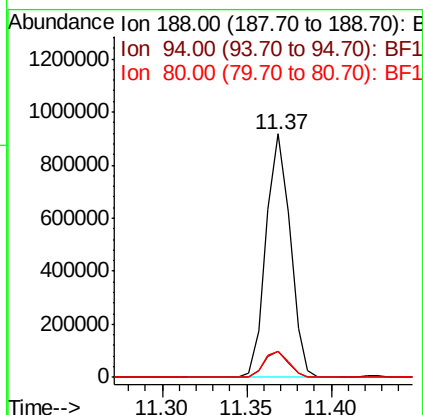
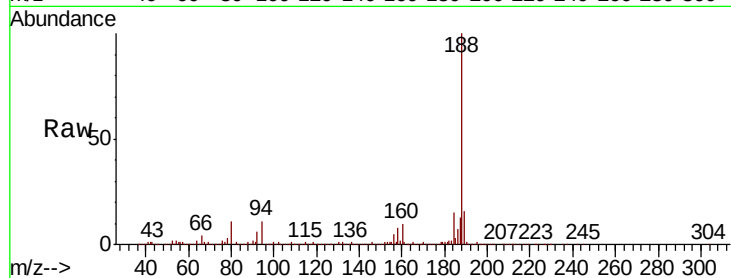




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BF114172.D
 Acq: 12 May 2019 00:00

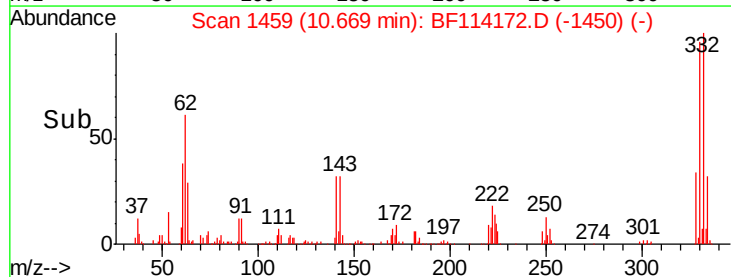
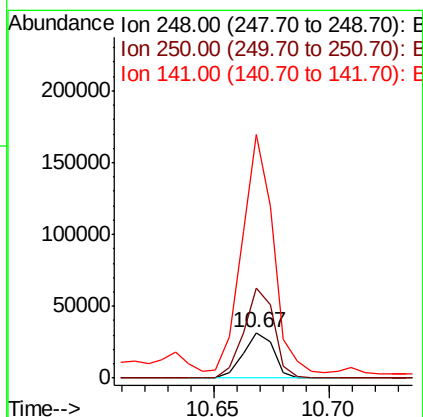
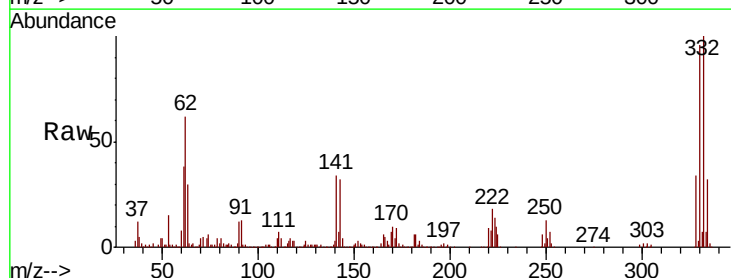
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-0002-01

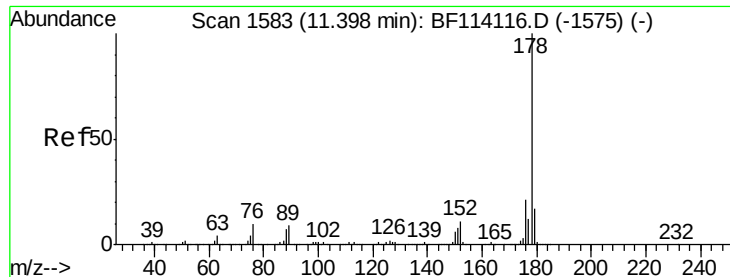
Tgt Ion:188 Resp: 911304
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.4 12.6
 80 10.9 9.2 13.8



#67
 4-Bromophenyl-phenylether
 Concen: 2.914 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF114172.D
 Acq: 12 May 2019 00:00

Tgt Ion:248 Resp: 29237
 Ion Ratio Lower Upper
 248 100
 250 199.3 77.4 116.2#
 141 535.4 55.6 83.4#

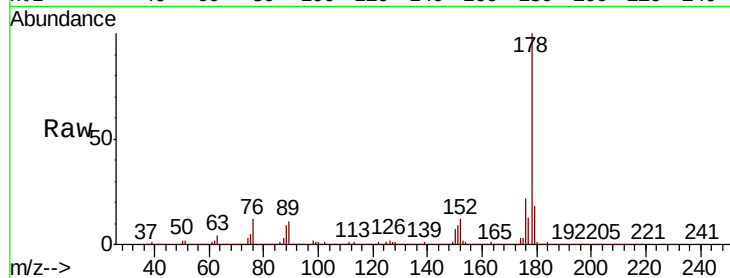




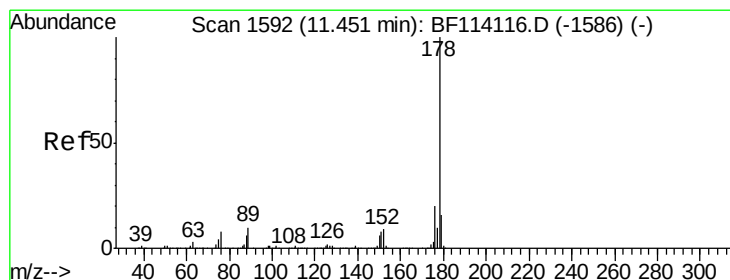
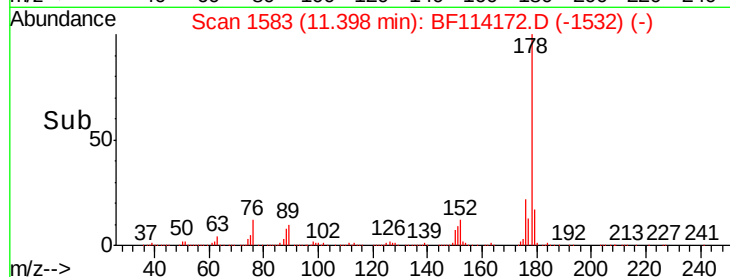
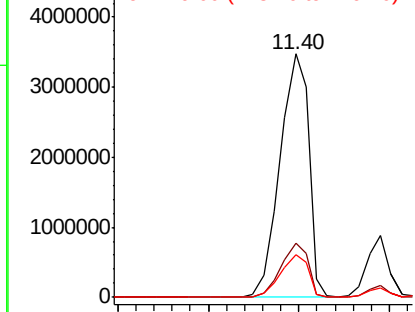
#71
Phenanthrene
Concen: 86.987 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF114172.D
Acq: 12 May 2019 00:00

Instrument :
BNA_F
ClientSampleId :
P026-SS002-0002-01

Tgt Ion:178 Resp: 3856655
Ion Ratio Lower Upper
178 100
176 22.0 16.4 24.6
179 17.6 13.2 19.8

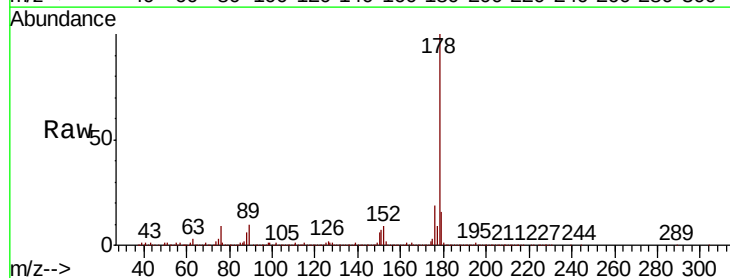


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

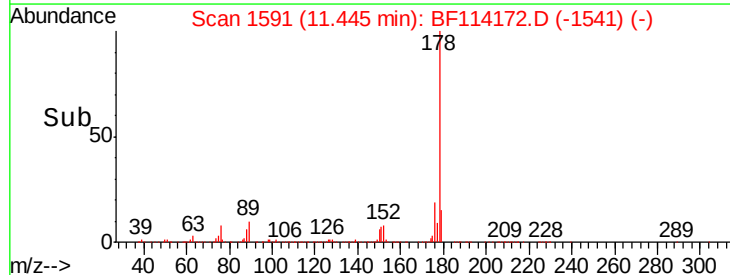
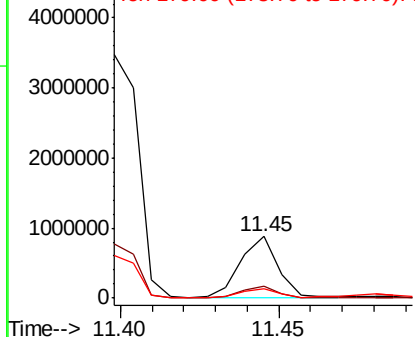


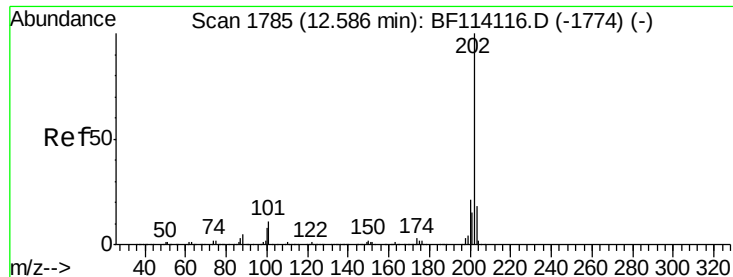
#72
Anthracene
Concen: 15.750 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF114172.D
Acq: 12 May 2019 00:00

Tgt Ion:178 Resp: 701366
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.8
179 16.1 13.0 19.4



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





#75

Fluoranthene

Concen: 91.380 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BF114172.D

Acq: 12 May 2019 00:00

Instrument :

BNA_F

ClientSampleId :

P026-SS002-0002-01

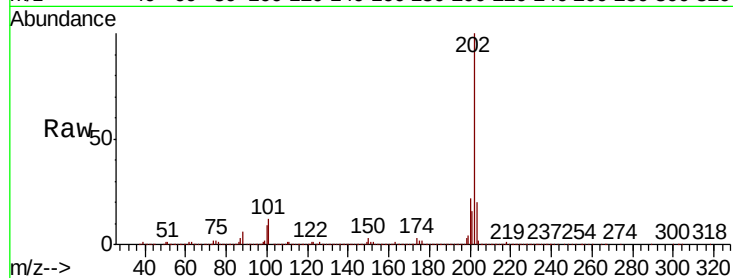
Tgt Ion:202 Resp: 4362850

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.0

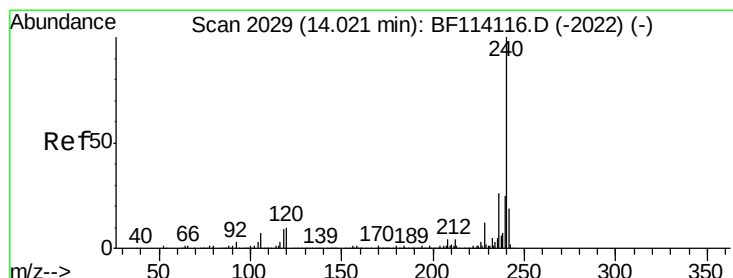
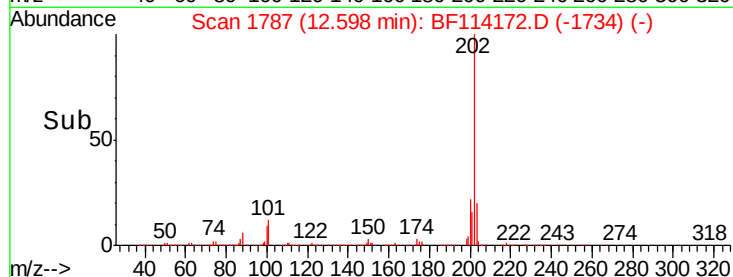
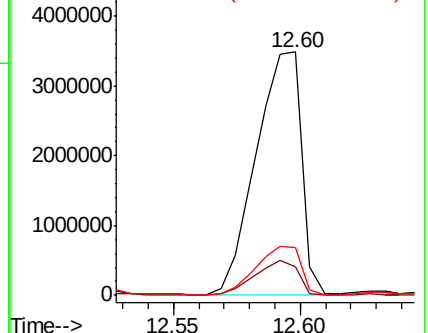
203 19.8 0.0 38.4



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: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF114172.D

Acq: 12 May 2019 00:00

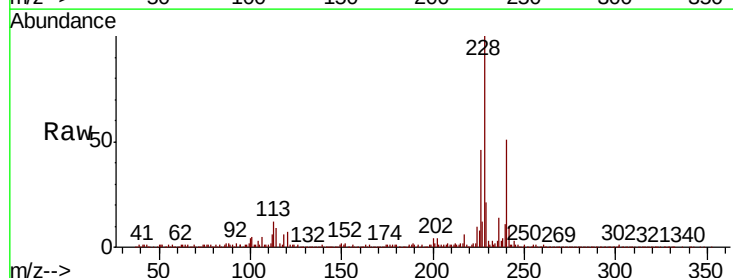
Tgt Ion:240 Resp: 513085

Ion Ratio Lower Upper

240 100

120 13.7 8.3 12.5#

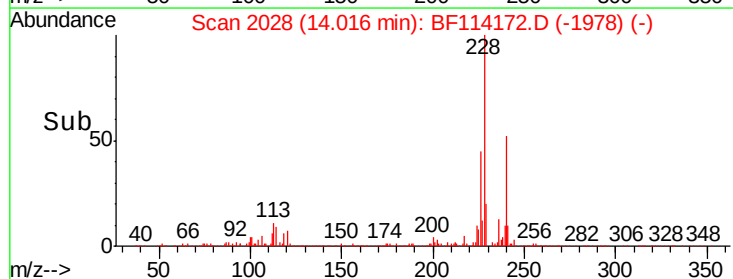
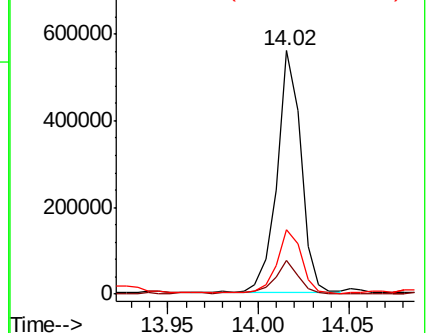
236 26.5 20.8 31.2

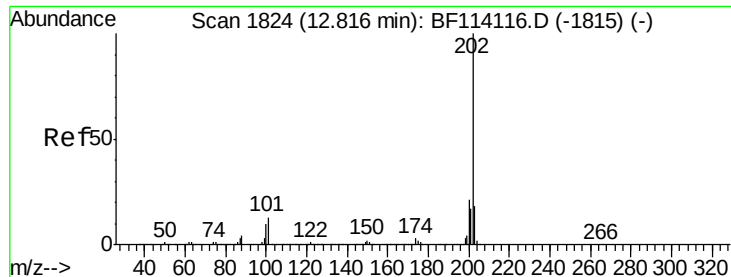


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 163.772 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.02 min

Lab File: BF114172.D

Acq: 12 May 2019 00:00

Instrument :

BNA_F

ClientSampleId :

P026-SS002-0002-01

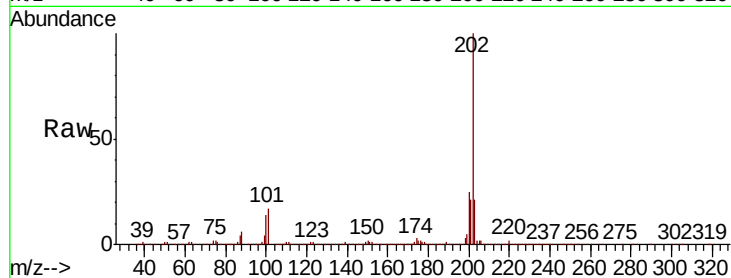
Tgt Ion:202 Resp: 6759725

Ion Ratio Lower Upper

202 100

200 24.6 16.9 25.3

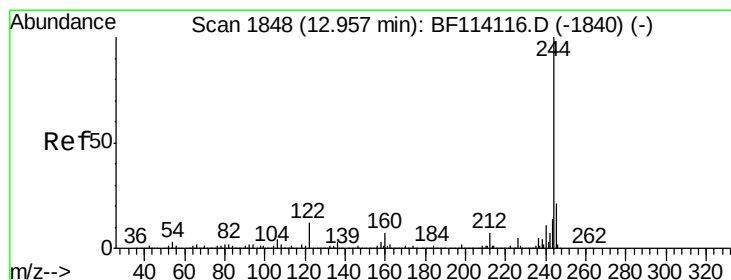
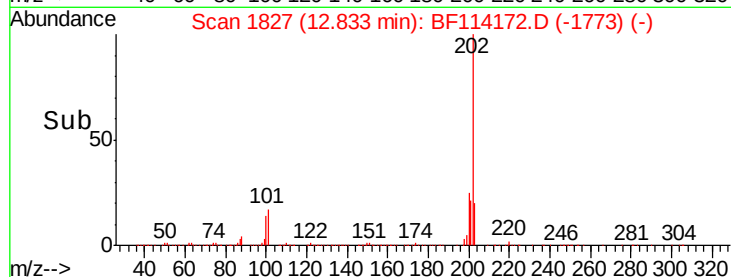
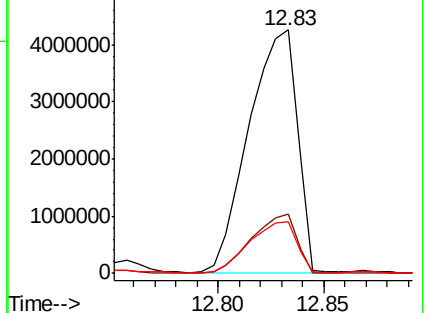
203 21.1 14.5 21.7



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: 50.515 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114172.D

Acq: 12 May 2019 00:00

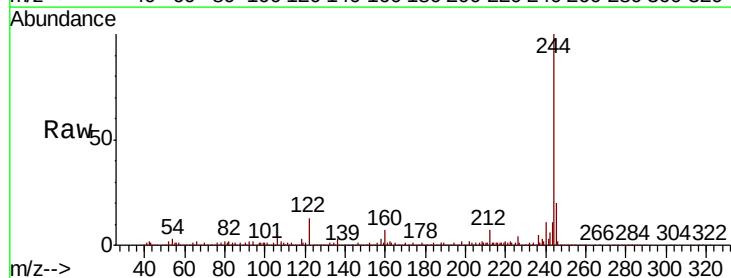
Tgt Ion:244 Resp: 1257311

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

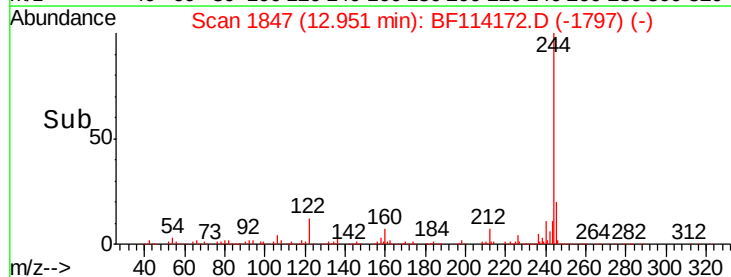
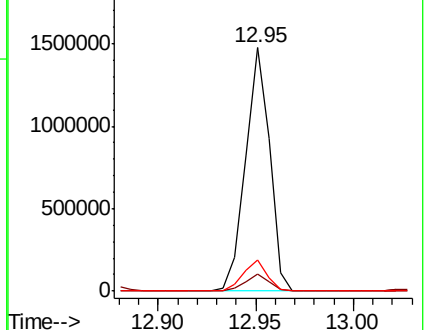
122 12.5 9.4 14.2

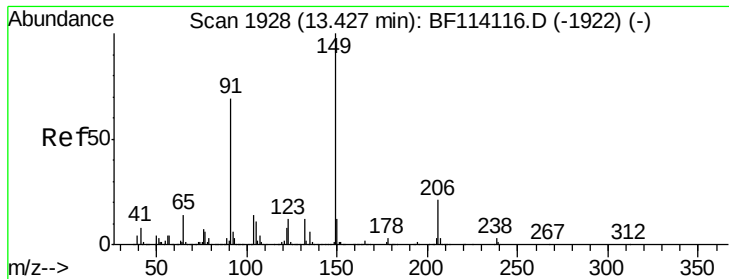


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

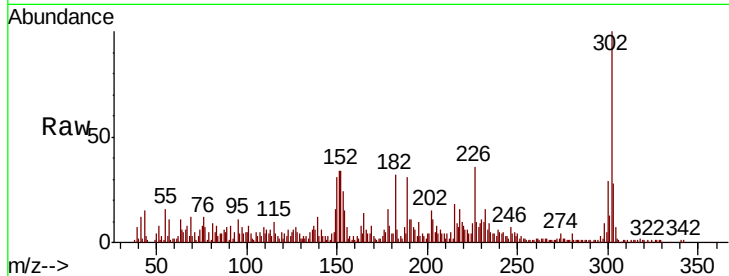




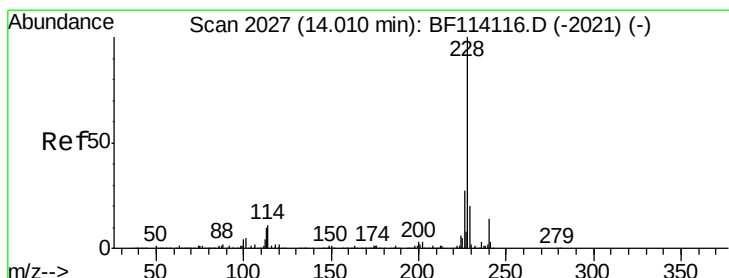
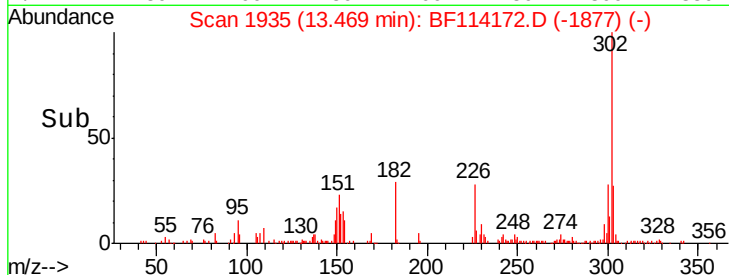
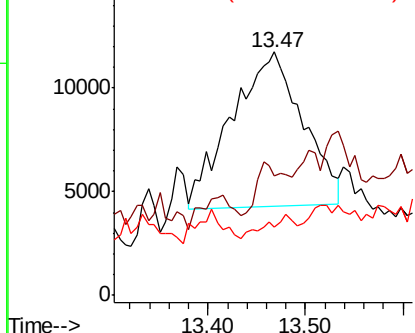
#80
Butylbenzylphthalate
Concen: 2.182 ng
RT: 13.47 min Scan# 1935
Delta R.T. 0.04 min
Lab File: BF114172.D
Acq: 12 May 2019 00:00

Instrument :
BNA_F
ClientSampleId :
P026-SS002-0002-01

Tgt Ion	Ratio	Lower	Upper
149	100		
91	49.0	55.0	82.4#
206	28.2	16.9	25.3#

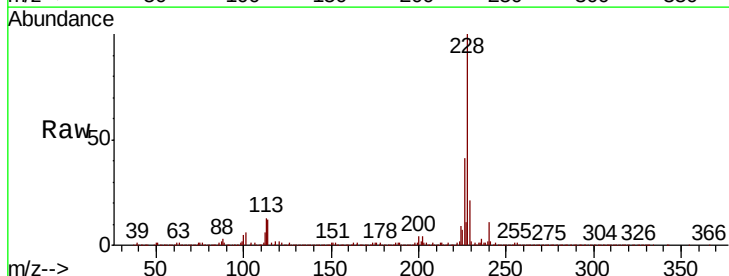


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

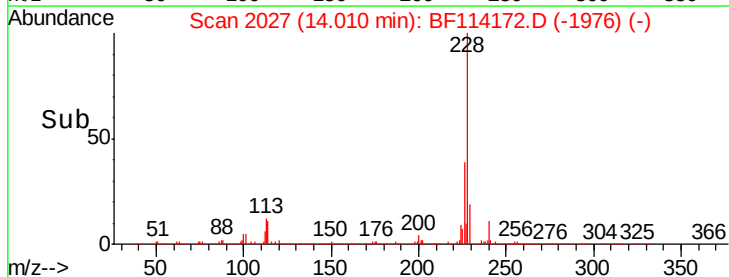
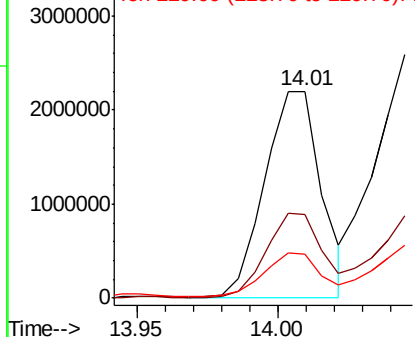


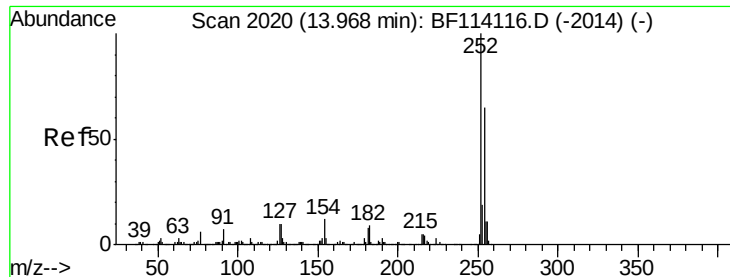
#81
Benzo(a)anthracene
Concen: 91.522 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF114172.D
Acq: 12 May 2019 00:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	40.6	22.2	33.2#
229	21.4	16.4	24.6



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

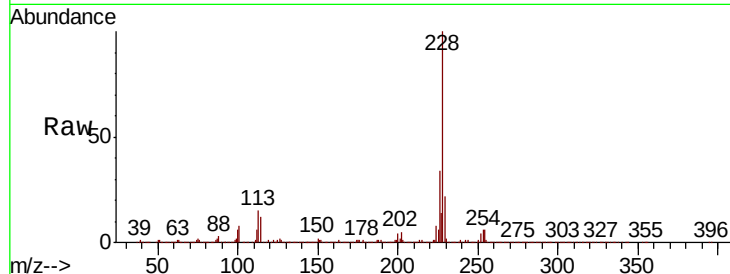




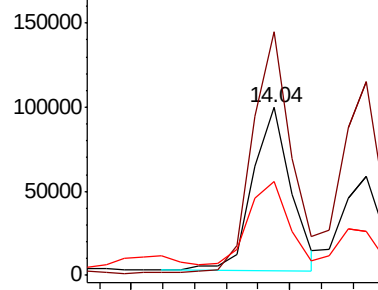
#82
 3,3'-Dichlorobenzidine
 Concen: 6.312 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.08 min
 Lab File: BF114172.D
 Acq: 12 May 2019 00:00

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-0002-01

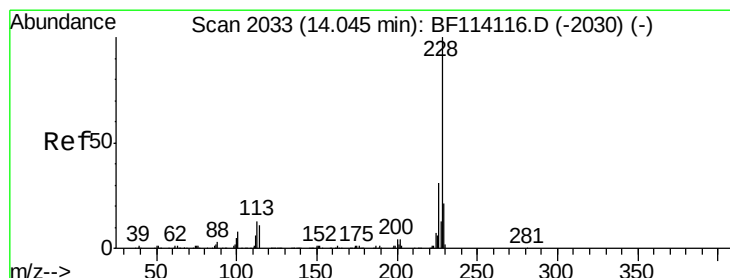
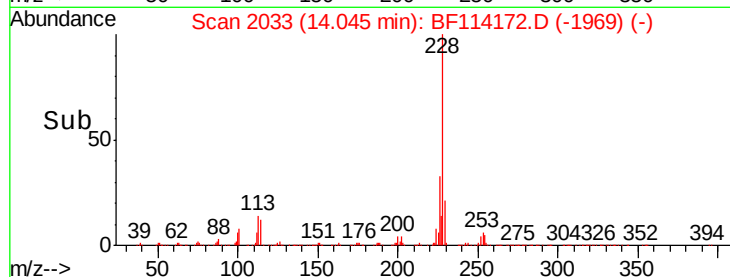
Tgt Ion:252 Resp: 81258
 Ion Ratio Lower Upper
 252 100
 254 145.3 51.9 77.9#
 126 56.2 7.9 11.9#



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

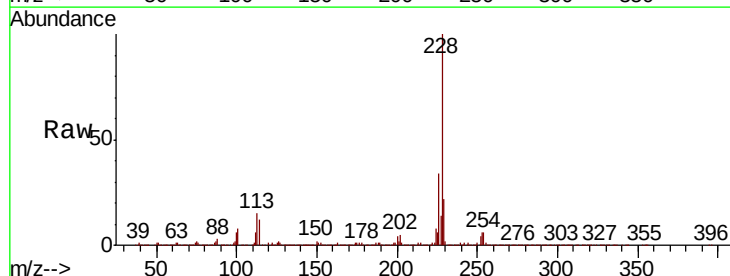


Time-->

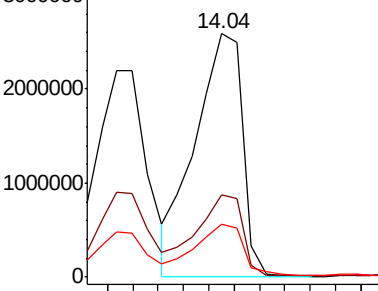


#83
 Chrysene
 Concen: 103.074 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BF114172.D
 Acq: 12 May 2019 00:00

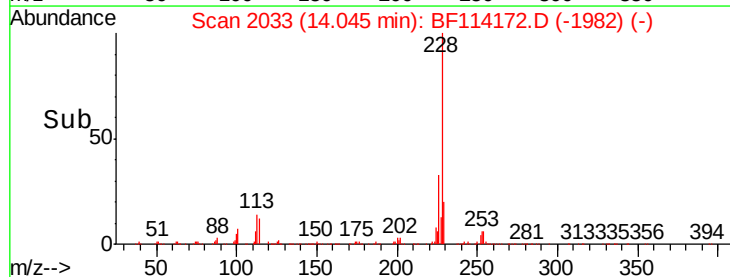
Tgt Ion:228 Resp: 3353171
 Ion Ratio Lower Upper
 228 100
 226 33.6 25.0 37.6
 229 21.7 17.0 25.6

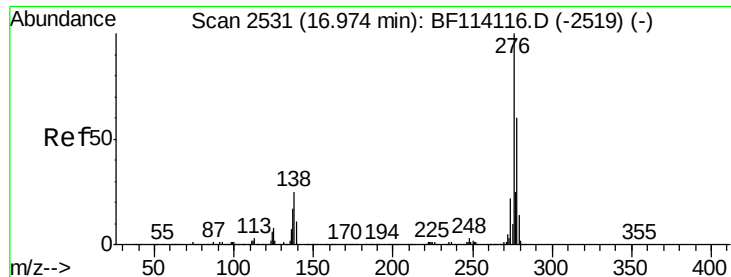


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



Time-->

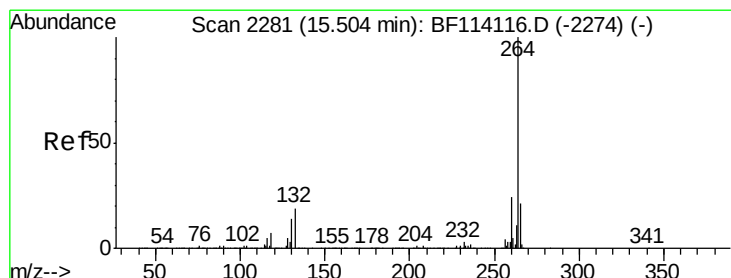
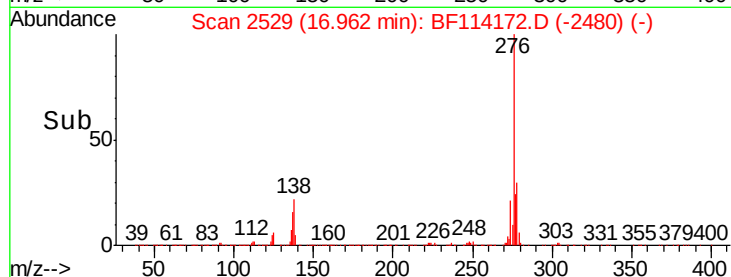
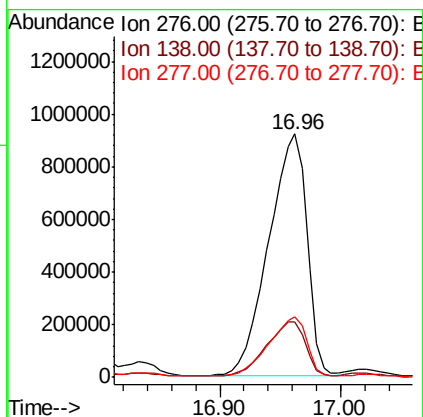
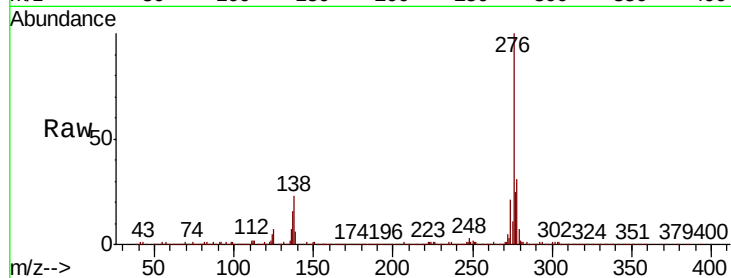




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 69.864 ng
 RT: 16.96 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BF114172.D
 Acq: 12 May 2019 00:00

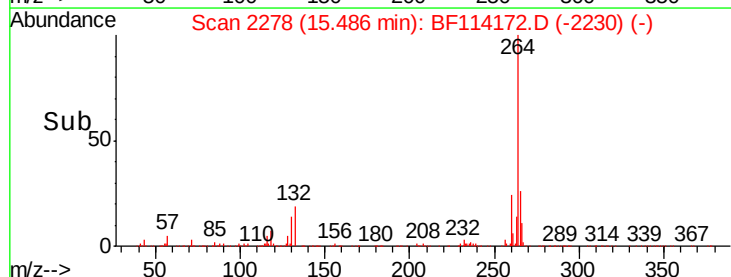
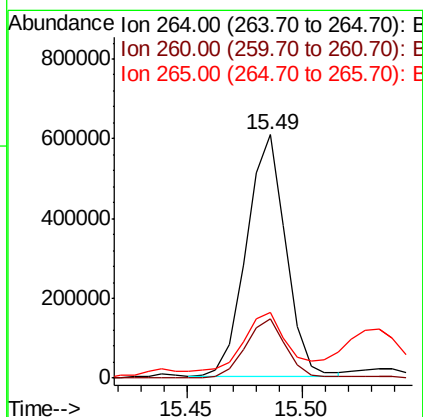
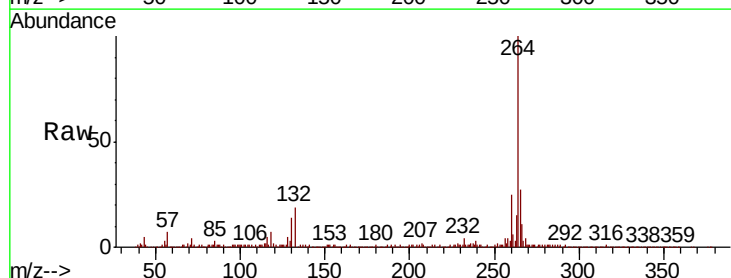
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-0002-01

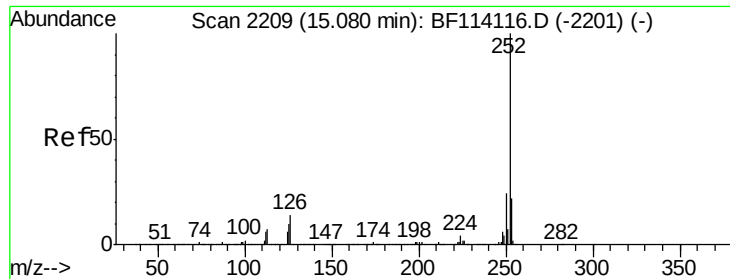
Tgt Ion:276 Resp: 2008669
 Ion Ratio Lower Upper
 276 100
 138 22.9 20.2 30.2
 277 24.3 20.0 30.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BF114172.D
 Acq: 12 May 2019 00:00

Tgt Ion:264 Resp: 716410
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.0
 265 26.8 16.9 25.3#

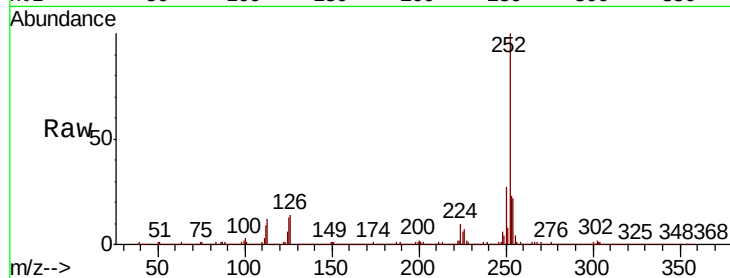




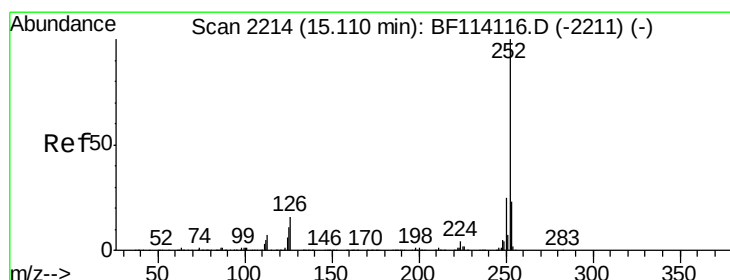
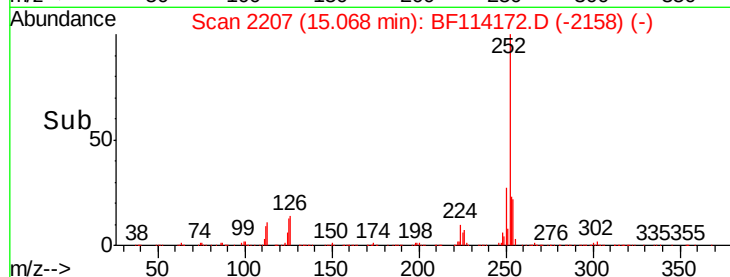
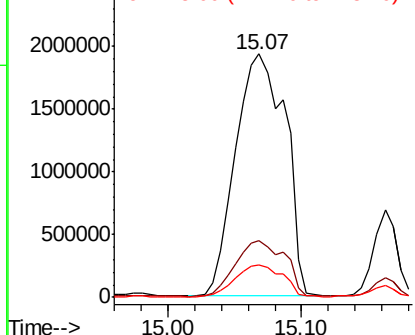
#88
Benzo(b)fluoranthene
Concen: 109.522 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF114172.D
Acq: 12 May 2019 00:00

Instrument :
BNA_F
ClientSampleId :
P026-SS002-0002-01

Tgt Ion:252 Resp: 5026771
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 13.4 8.3 12.5#

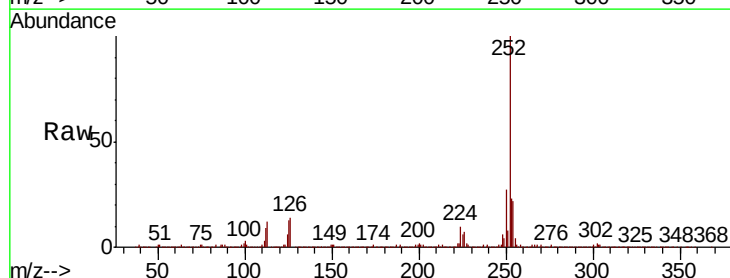


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

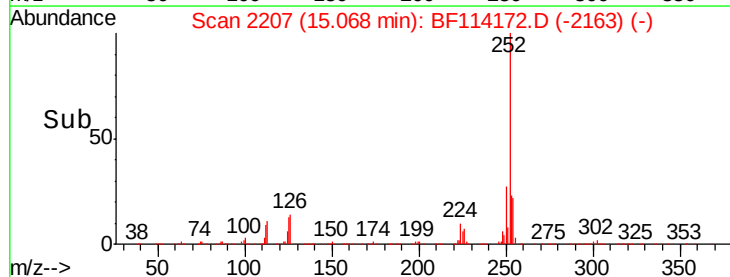
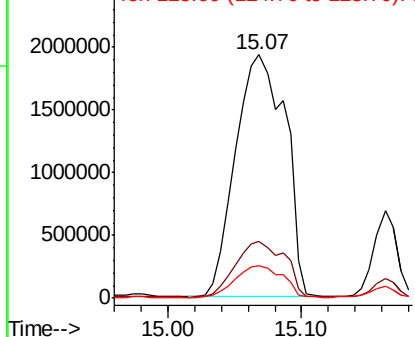


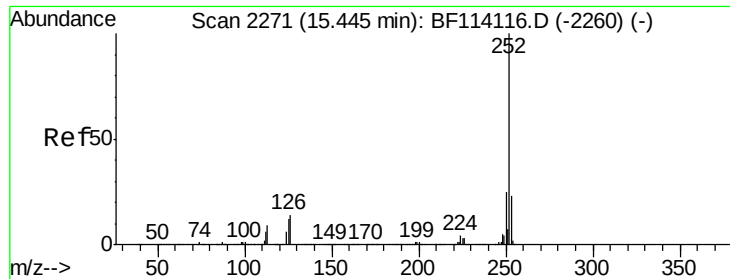
#89
Benzo(k)fluoranthene
Concen: 119.227 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.04 min
Lab File: BF114172.D
Acq: 12 May 2019 00:00

Tgt Ion:252 Resp: 5026771
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.2
125 13.4 8.6 13.0#



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





#90

Benzo(a)pyrene

Concen: 65.842 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF114172.D

Acq: 12 May 2019 00:00

Instrument :

BNA_F

ClientSampleId :

P026-SS002-0002-01

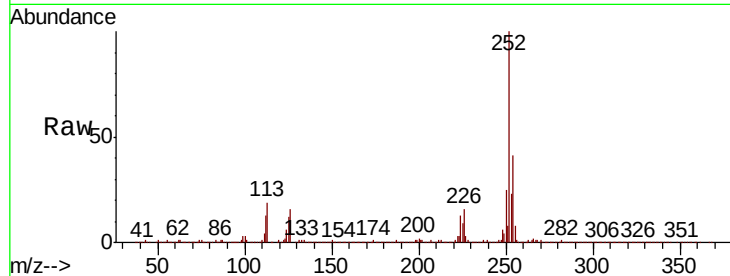
Tgt Ion:252 Resp: 2659590

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

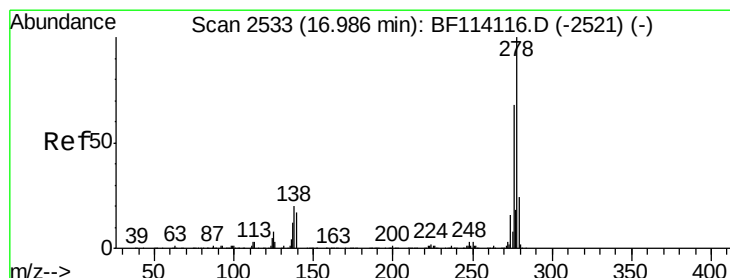
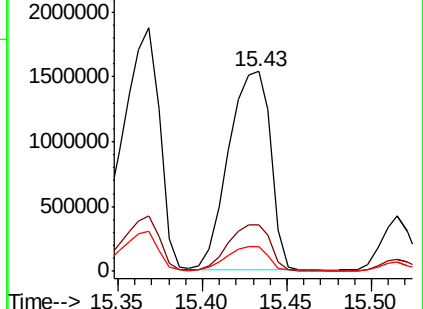
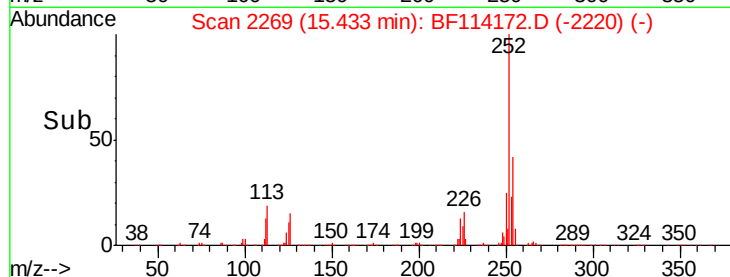
125 12.1 9.5 14.3



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: 16.836 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.02 min

Lab File: BF114172.D

Acq: 12 May 2019 00:00

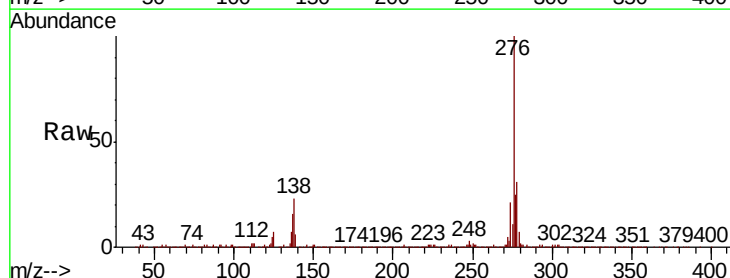
Tgt Ion:278 Resp: 565104

Ion Ratio Lower Upper

278 100

139 19.1 13.5 20.3

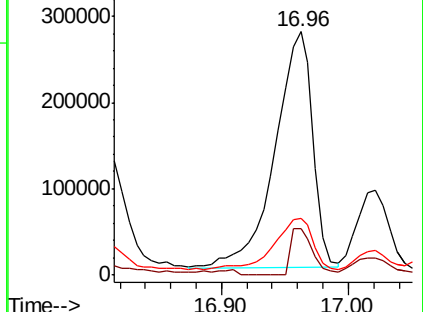
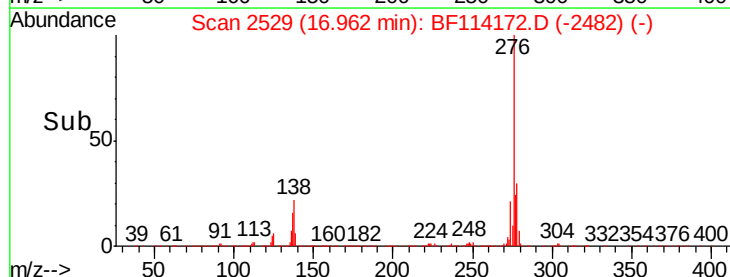
279 23.2 19.0 28.6

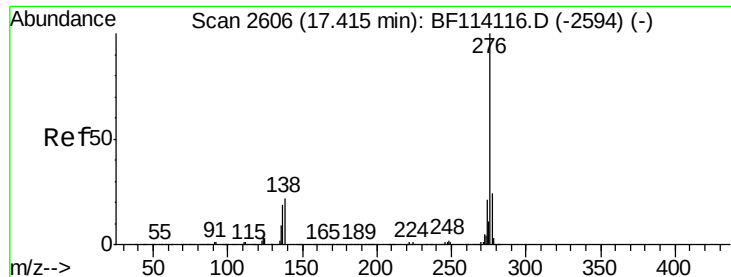


Abundance Ion 278.00 (277.70 to 278.70): E

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: 64.888 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: BF114172.D
 Acq: 12 May 2019 00:00

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-0002-01

Tgt Ion: 276 Resp: 2182668
 Ion Ratio Lower Upper
 276 100
 277 24.4 19.0 28.4
 138 22.3 17.8 26.6

