

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
 Data File : BF112894.D
 Acq On : 6 Mar 2019 21:01
 Operator : JU/SJ
 Sample : K1753-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z-2-5

Quant Time: Mar 07 04:20:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	211722	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	762078	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	377963	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	508622	20.00	ng	0.00
76) Chrysene-d12	13.86	240	481176	20.00	ng	-0.01
87) Perylene-d12	15.27	264	491932	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1182325	86.87	ng	0.00
7) Phenol-d6	6.37	99	1499506	87.70	ng	0.00
23) Nitrobenzene-d5	7.29	82	899051	70.59	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	363974	90.71	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1499202	61.00	ng	-0.01
79) Terphenyl-d14	12.82	244	1191964	48.02	ng	-0.01

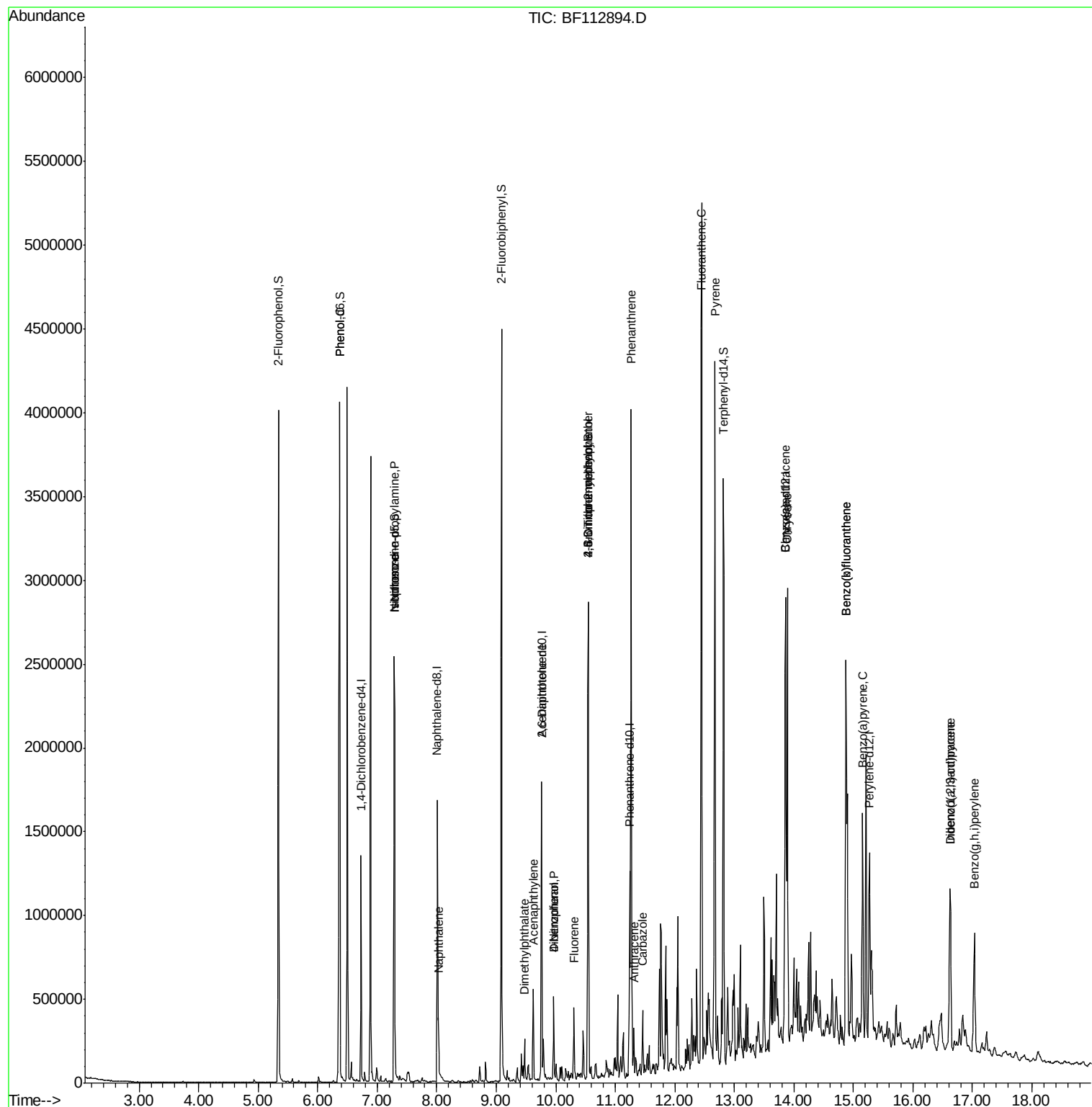
Target Compounds					Qvalue	
10) Phenol	6.37	94	58779	2.946	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	118413	10.935	ng	# 78
25) Isophorone	7.29	82	886469	32.309	ng	# 66
31) Naphthalene	8.03	128	145383	3.843	ng	97
49) Acenaphthylene	9.62	152	239567	5.862	ng	97
50) Dimethylphthalate	9.48	163	98699	3.542	ng	98
51) 2,6-Dinitrotoluene	9.76	165	52426	9.034	ng	# 18
55) Dibenzofuran	9.96	168	163467	4.706	ng	96
56) 4-Nitrophenol	9.96	139	57736	10.046	ng	# 8
58) Fluorene	10.30	166	112268	4.554	ng	97
65) 4,6-Dinitro-2-methylphenol	10.54	198	664	4.900	ng	# 1
67) 4-Bromophenyl-phenylether	10.54	248	20518	3.830	ng	# 1
71) Phenanthrene	11.26	178	1660608	65.621	ng	99
72) Anthracene	11.31	178	102971	3.887	ng	97
73) Carbazole	11.46	167	151220	5.852	ng	97
75) Fluoranthene	12.45	202	2229055	82.215	ng	98
78) Pyrene	12.67	202	1822227	44.922	ng	99
81) Benzo(a)anthracene	13.85	228	853332	25.588	ng	94
83) Chrysene	13.89	228	1097760	33.605	ng	98
86) Indeno(1,2,3-cd)pyrene	16.63	276	641789	23.045	ng	# 91
88) Benzo(b)fluoranthene	14.87	252	1778236	55.885	ng	98
89) Benzo(k)fluoranthene	14.87	252	1778236	61.697	ng	99
90) Benzo(a)pyrene	15.16	252	636927	22.630	ng	96
91) Dibenzo(a,h)anthracene	16.63	278	170410	7.096	ng	97
92) Benzo(g,h,i)perylene	17.03	276	560838	23.256	ng	94

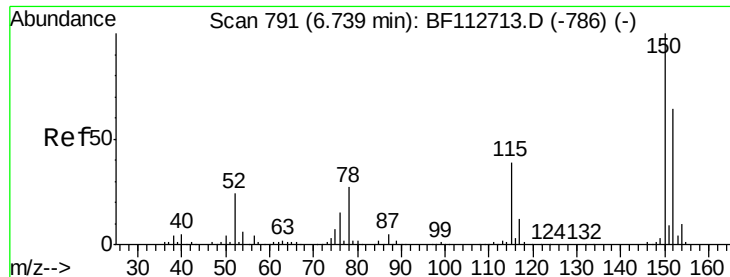
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
Data File : BF112894.D
Acq On : 6 Mar 2019 21:01
Operator : JU/SJ
Sample : K1753-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Z-2-5

Quant Time: Mar 07 04:20:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration



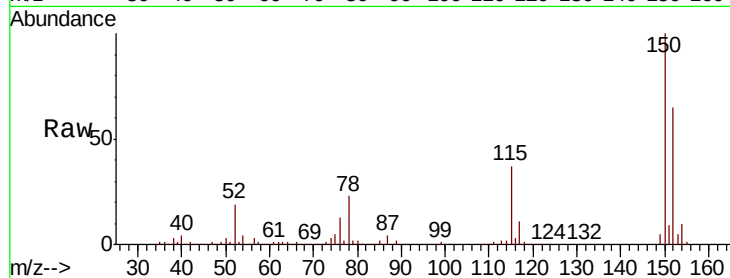


#1

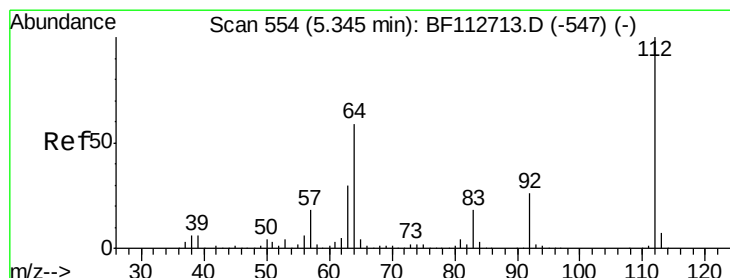
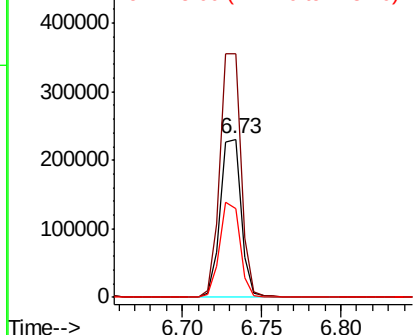
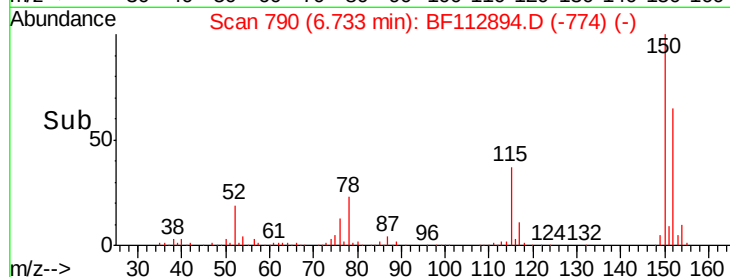
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112894.D
Acq: 6 Mar 2019 21:01

Instrument :
BNA_F
ClientSampleId :
Z-2-5

Tgt Ion:152 Resp: 211722
Ion Ratio Lower Upper
152 100
150 153.8 124.2 186.2
115 56.4 48.2 72.4



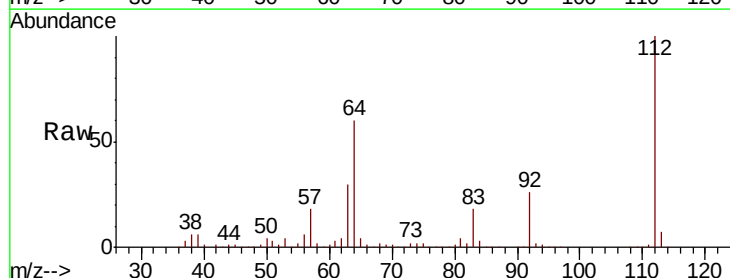
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



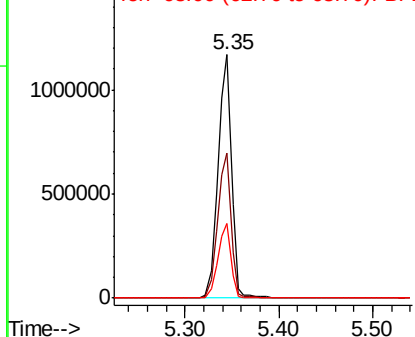
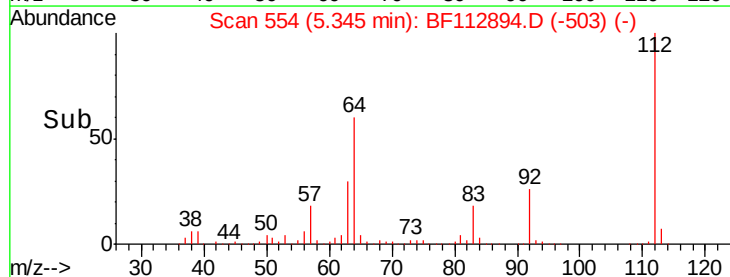
#5

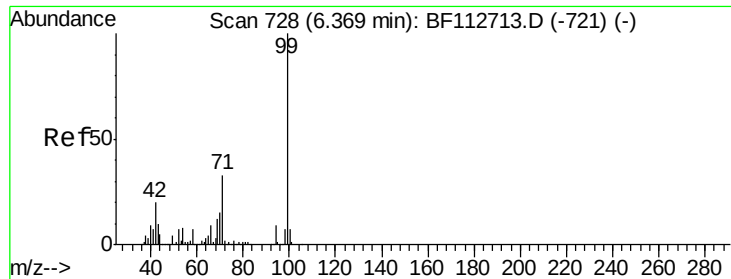
2-Fluorophenol
Concen: 86.867 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF112894.D
Acq: 6 Mar 2019 21:01

Tgt Ion:112 Resp: 1182325
Ion Ratio Lower Upper
112 100
64 59.8 47.6 71.4
63 30.4 24.4 36.6



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: 87.704 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF112894.D

Acq: 6 Mar 2019 21:01

Instrument :

BNA_F

ClientSampleId :

Z-2-5

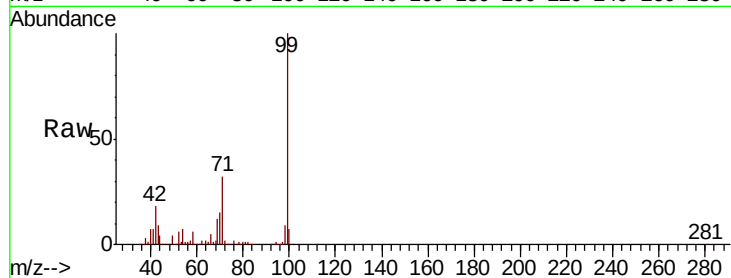
Tgt Ion: 99 Resp: 1499506

Ion Ratio Lower Upper

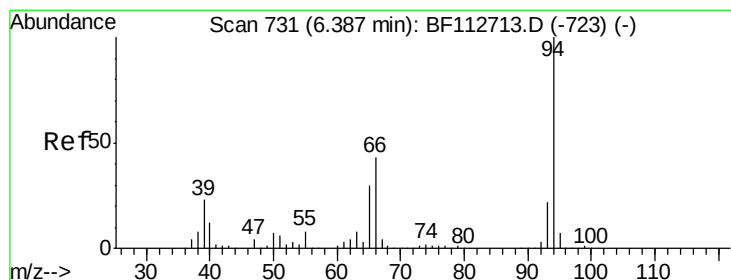
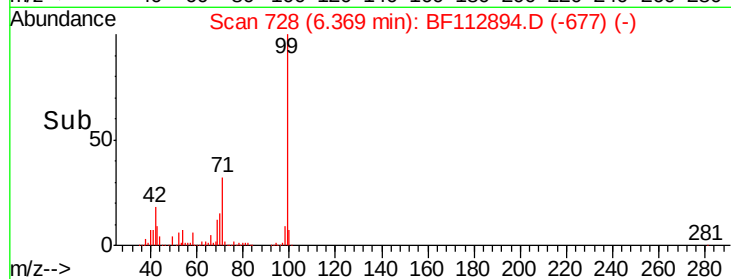
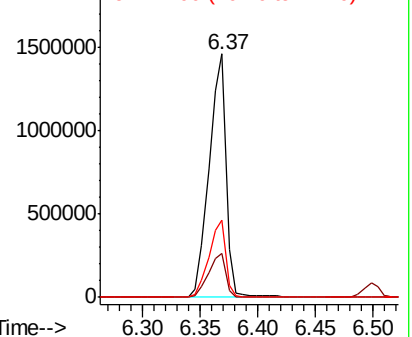
99 100

42 18.1 16.3 24.5

71 31.6 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.946 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF112894.D

Acq: 6 Mar 2019 21:01

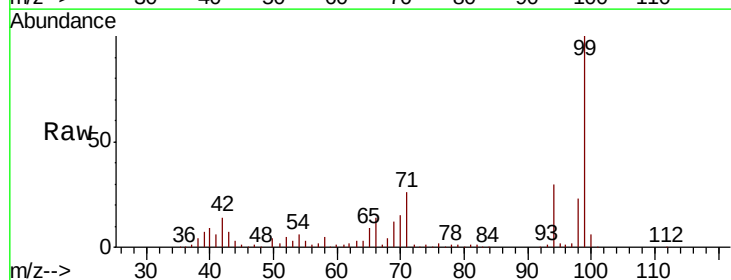
Tgt Ion: 94 Resp: 58779

Ion Ratio Lower Upper

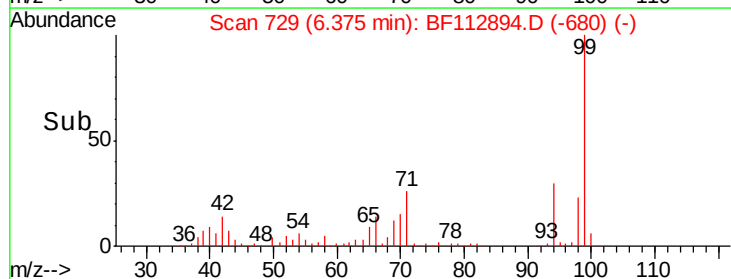
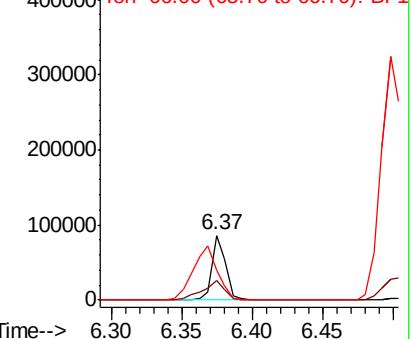
94 100

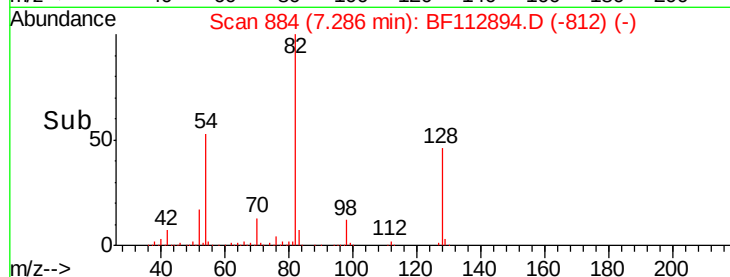
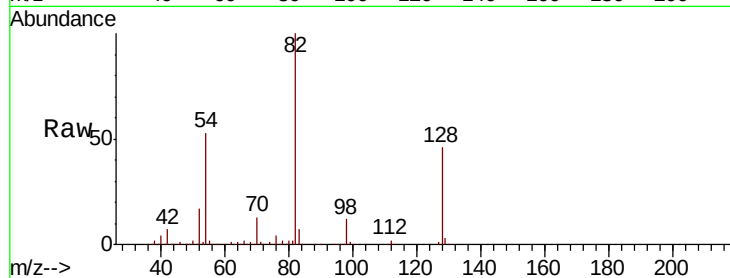
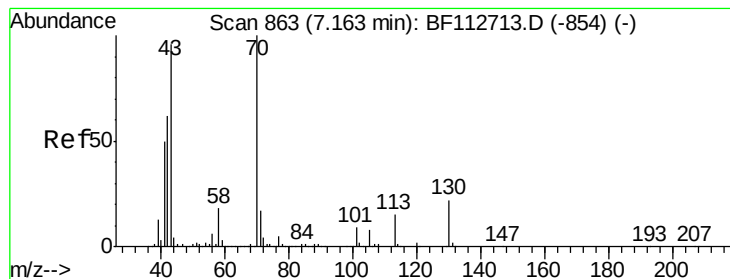
65 29.9 10.5 50.5

66 45.6 22.6 62.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
400000
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 10.935 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF112894.D

Acq: 6 Mar 2019 21:01

Instrument :

BNA_F

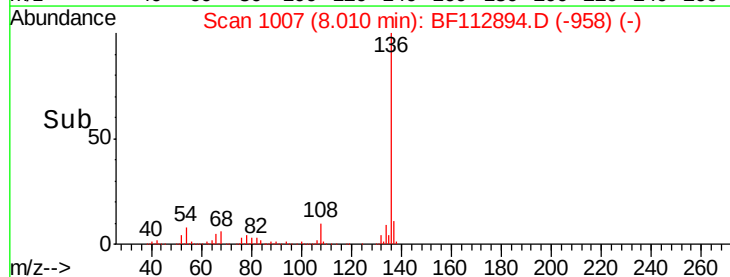
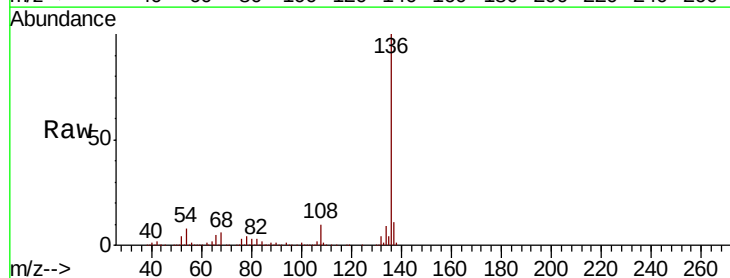
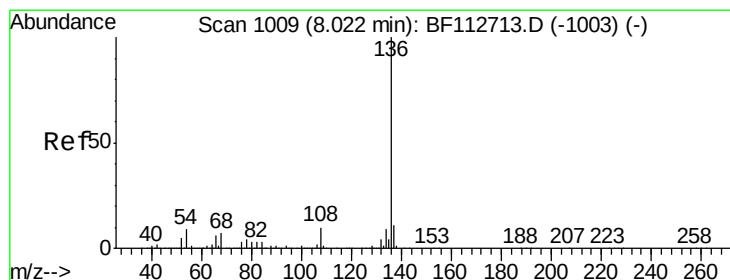
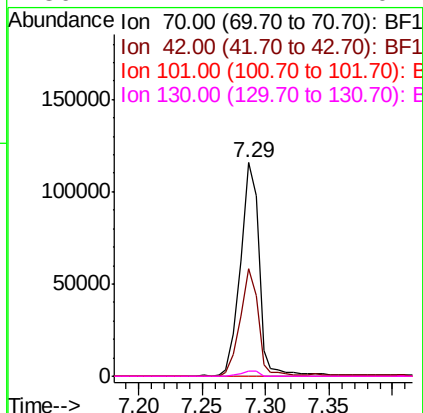
ClientSampleId :

Z-2-5

Tgt Ion: 70 Resp: 118413

Ion Ratio Lower Upper

70	100		
42	50.6	49.9	74.9
101	0.0	7.4	11.2#
130	2.1	17.4	26.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

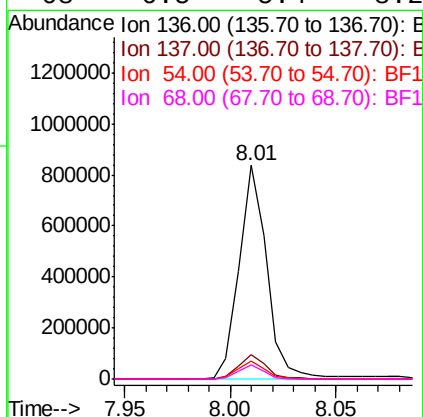
Lab File: BF112894.D

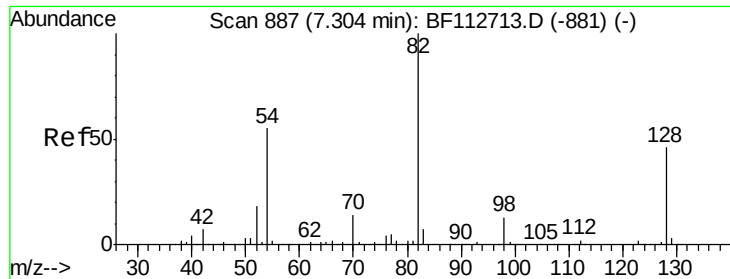
Acq: 6 Mar 2019 21:01

Tgt Ion: 136 Resp: 762078

Ion Ratio Lower Upper

136	100		
137	11.2	8.9	13.3
54	8.4	7.3	10.9
68	6.5	5.4	8.2

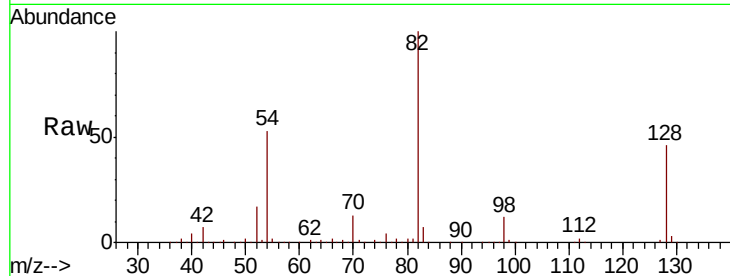




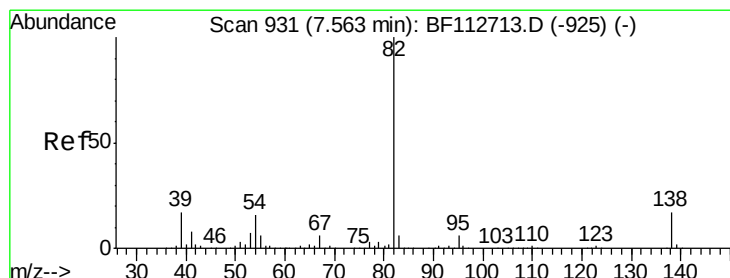
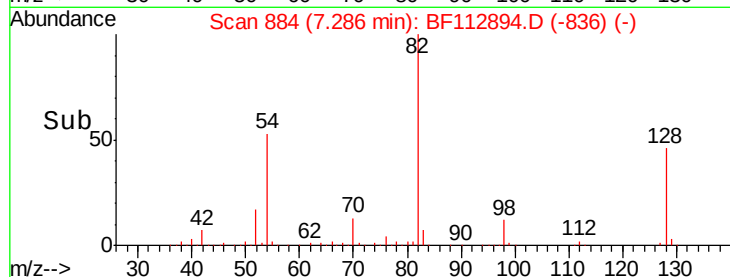
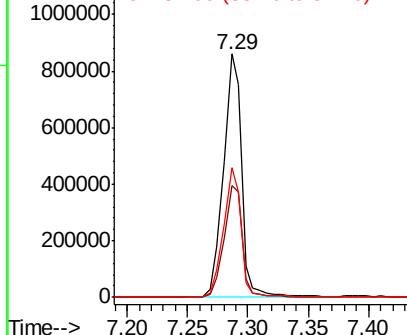
#23
 Nitrobenzene-d5
 Concen: 70.593 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF112894.D
 Acq: 6 Mar 2019 21:01

Instrument :
 BNA_F
 ClientSampled :
 Z-2-5

Tgt Ion: 82 Resp: 899051
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.3 54.5
 54 53.4 43.7 65.5

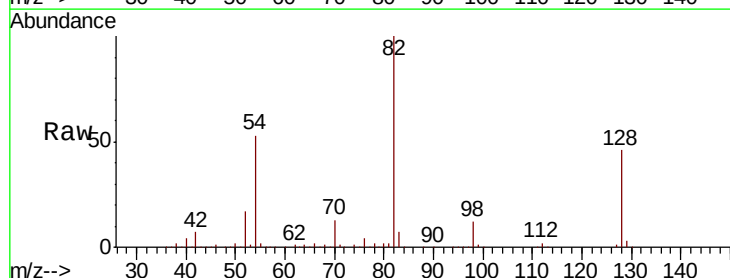


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

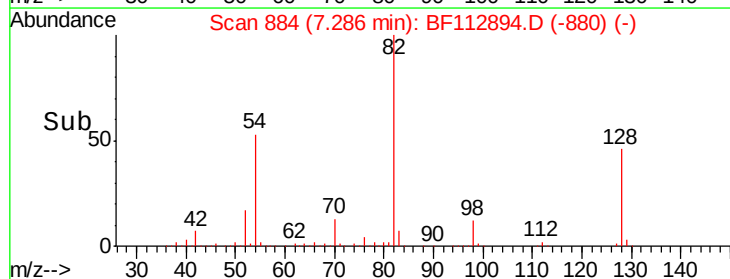
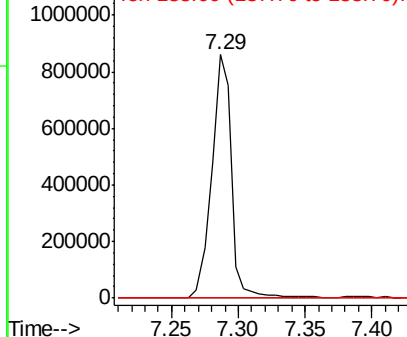


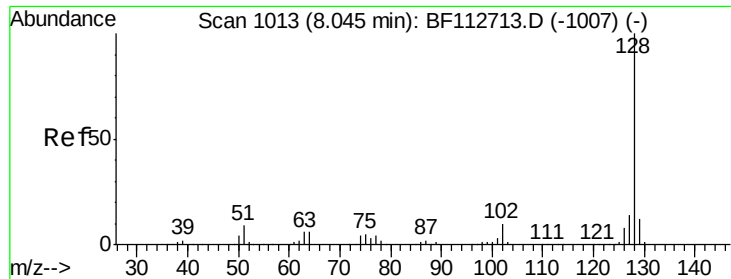
#25
 Isophorone
 Concen: 32.309 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.28 min
 Lab File: BF112894.D
 Acq: 6 Mar 2019 21:01

Tgt Ion: 82 Resp: 886469
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 13.8 20.8#



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

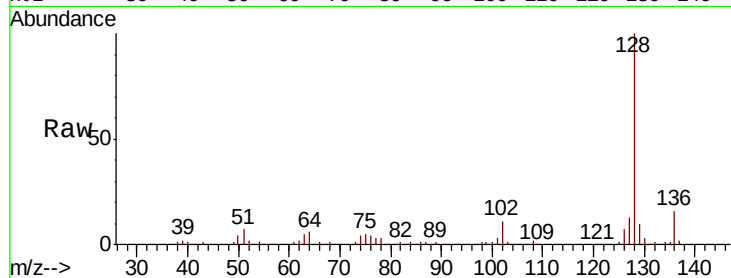




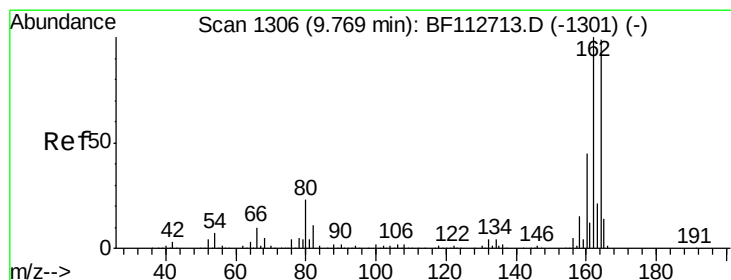
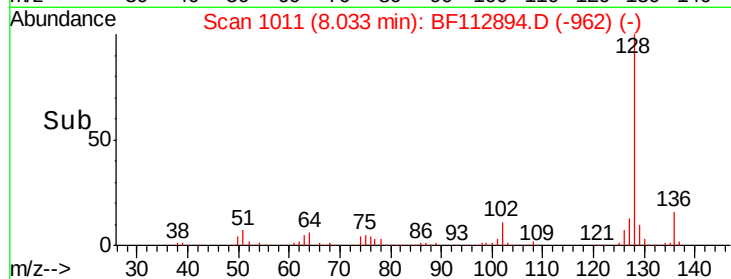
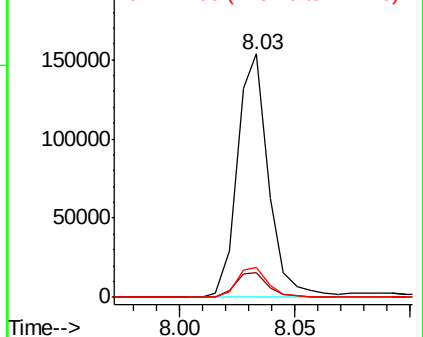
#31
Naphthalene
Concen: 3.843 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF112894.D
Acq: 6 Mar 2019 21:01

Instrument :
BNA_F
ClientSampleId :
Z-2-5

Tgt Ion:128 Resp: 145383
Ion Ratio Lower Upper
128 100
129 10.1 9.3 13.9
127 12.5 10.9 16.3

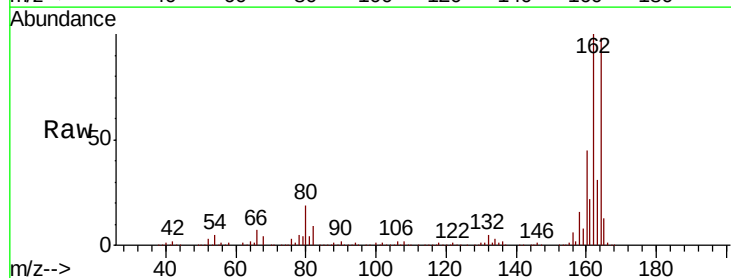


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

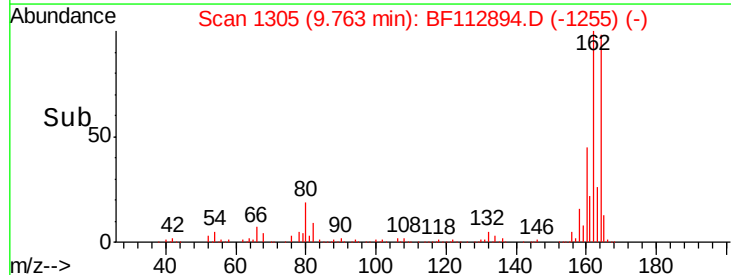
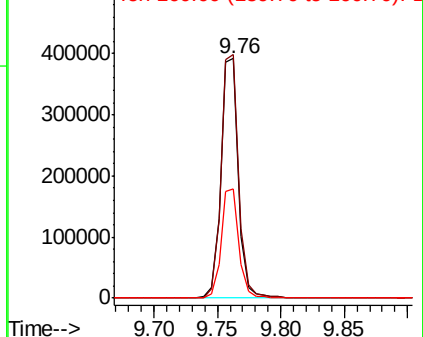


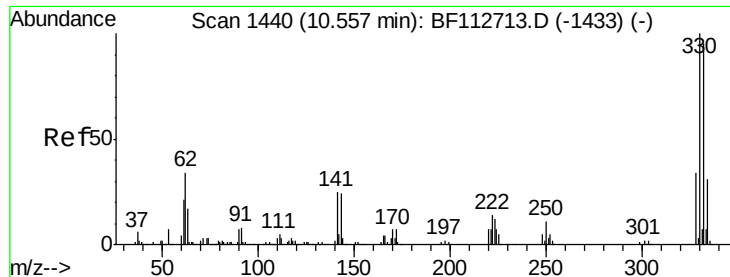
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112894.D
Acq: 6 Mar 2019 21:01

Tgt Ion:164 Resp: 377963
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 45.5 36.0 54.0



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

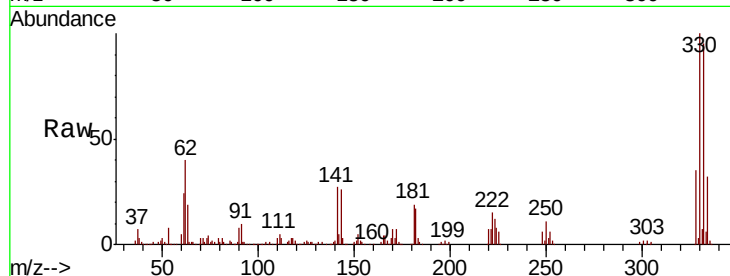




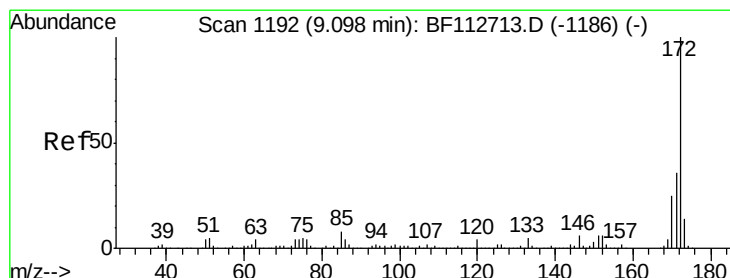
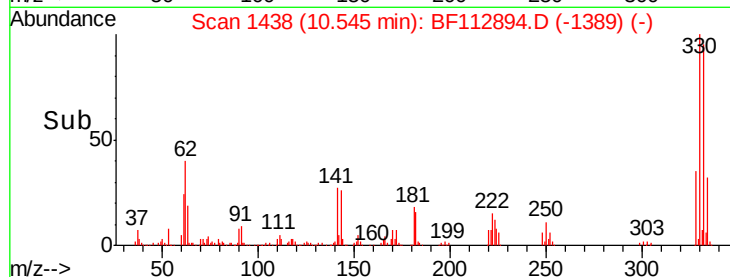
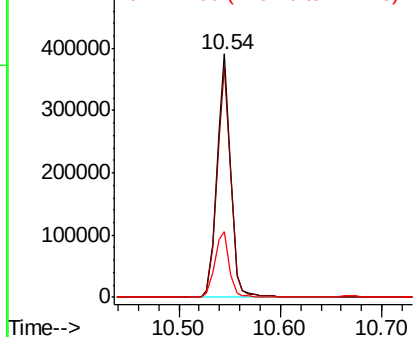
#42
 2,4,6-Tribromophenol
 Concen: 90.709 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112894.D
 Acq: 6 Mar 2019 21:01

Instrument :
 BNA_F
 ClientSampled :
 Z-2-5

Tgt Ion:330 Resp: 363974
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.2 114.4
 141 28.5 27.0 40.6

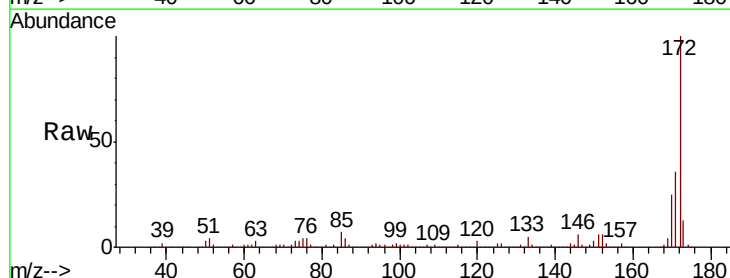


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

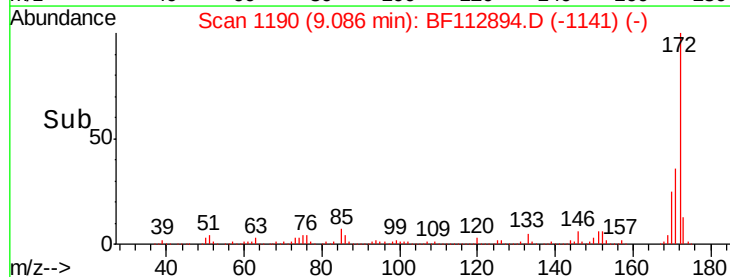
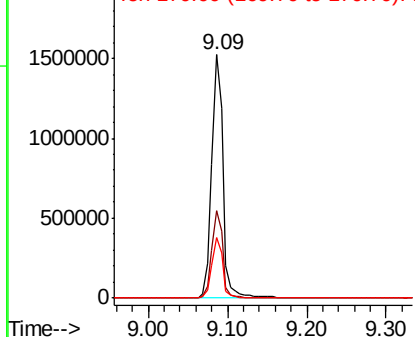


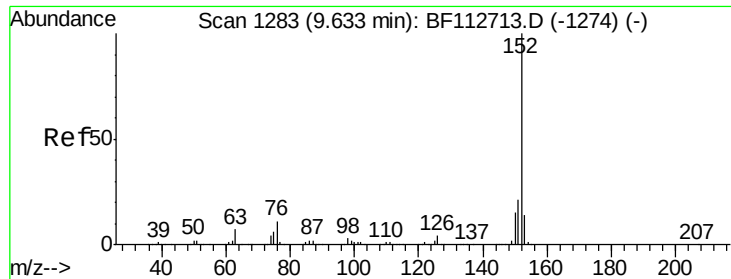
#45
 2-Fluorobiphenyl
 Concen: 61.002 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112894.D
 Acq: 6 Mar 2019 21:01

Tgt Ion:172 Resp: 1499202
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.4
 170 24.7 20.0 30.0



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





#49

Acenaphthylene

Concen: 5.862 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF112894.D

Acq: 6 Mar 2019 21:01

Instrument :

BNA_F

ClientSampleId :

Z-2-5

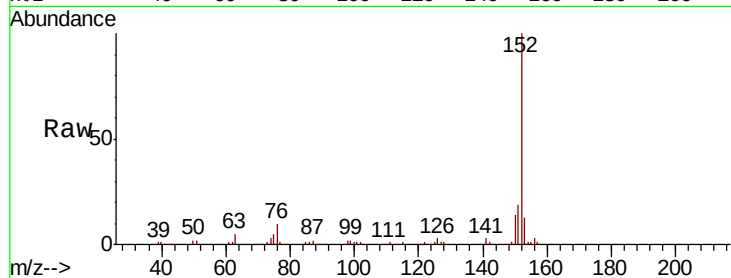
Tgt Ion:152 Resp: 239567

Ion Ratio Lower Upper

152 100

151 19.2 16.9 25.3

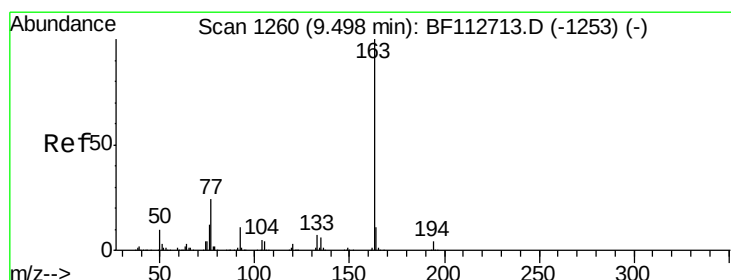
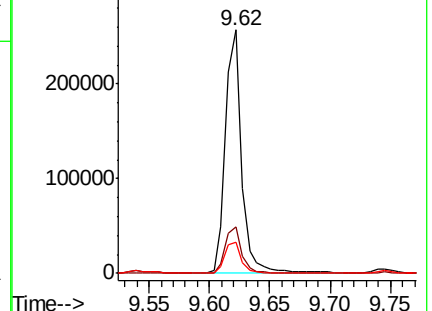
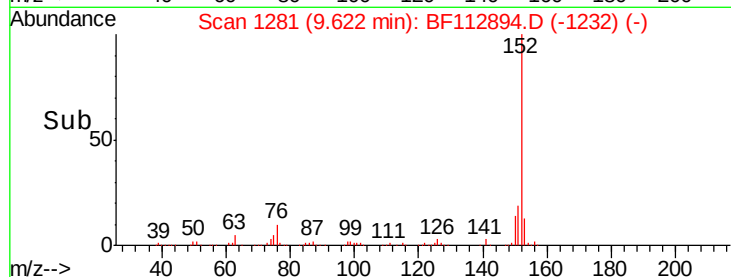
153 13.0 11.0 16.6



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: 3.542 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF112894.D

Acq: 6 Mar 2019 21:01

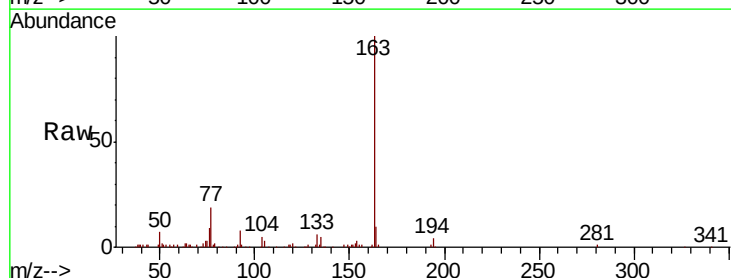
Tgt Ion:163 Resp: 98699

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

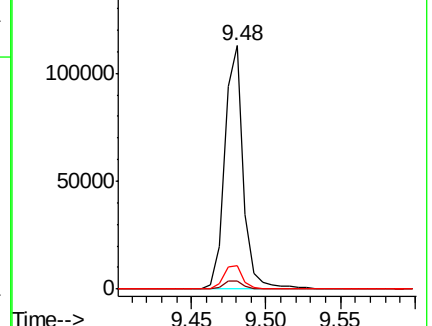
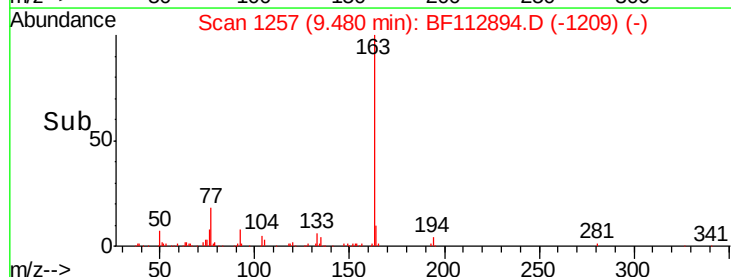
164 9.6 8.4 12.6

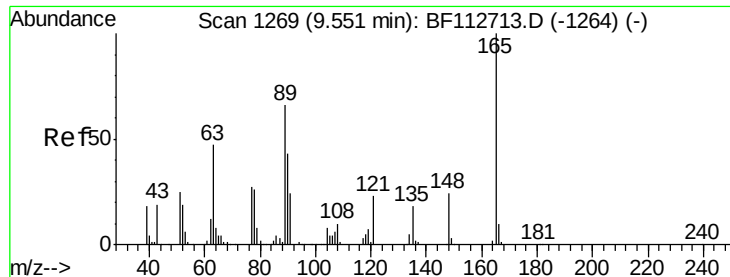


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 9.034 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.21 min

Lab File: BF112894.D

Acq: 6 Mar 2019 21:01

Instrument :

BNA_F

ClientSampleId :

Z-2-5

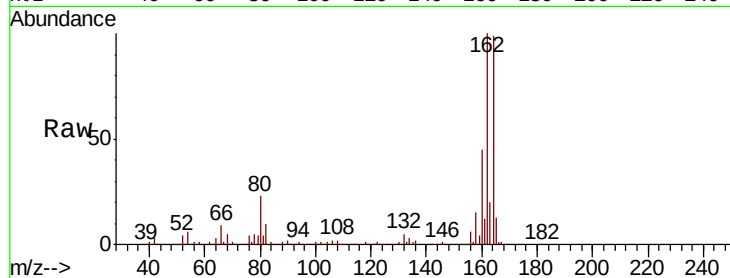
Tgt Ion:165 Resp: 52426

Ion Ratio Lower Upper

165 100

63 1.5 54.1 81.1#

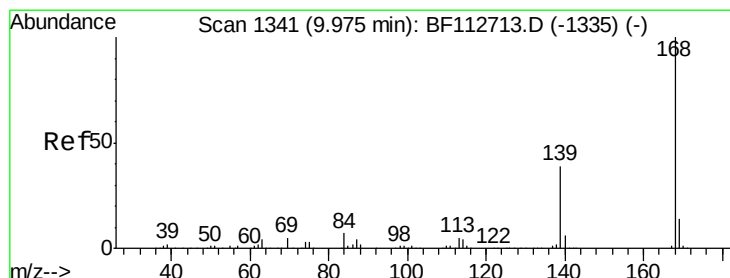
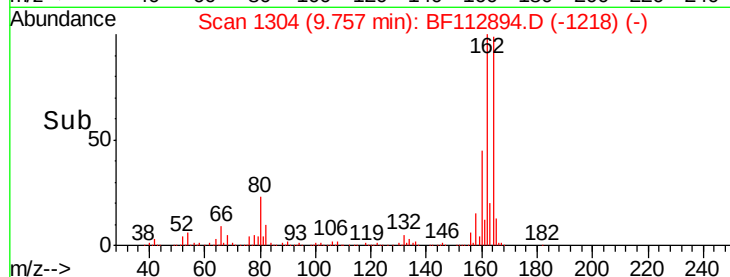
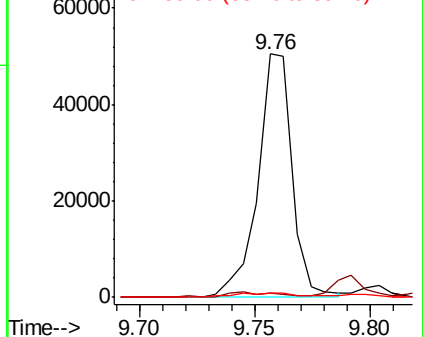
89 1.6 52.8 79.2#



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



#55

Dibenzofuran

Concen: 4.706 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF112894.D

Acq: 6 Mar 2019 21:01

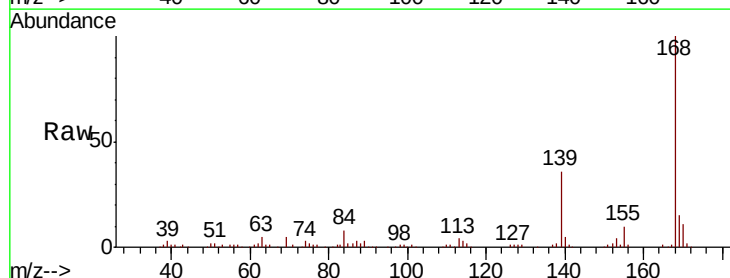
Tgt Ion:168 Resp: 163467

Ion Ratio Lower Upper

168 100

139 35.8 31.3 46.9

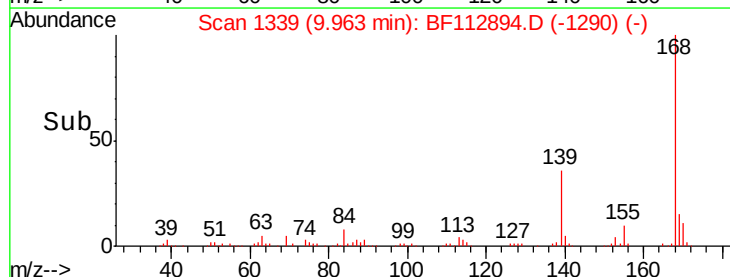
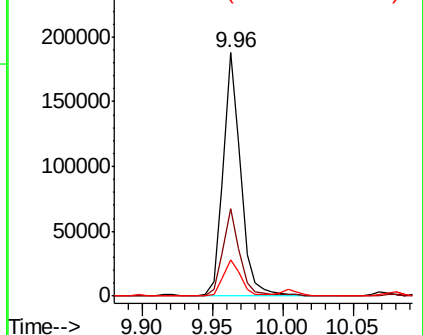
169 14.6 11.3 16.9

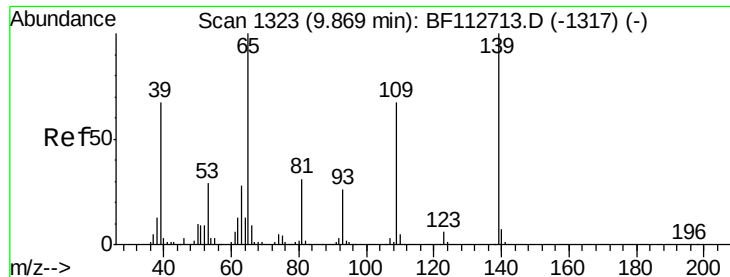


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

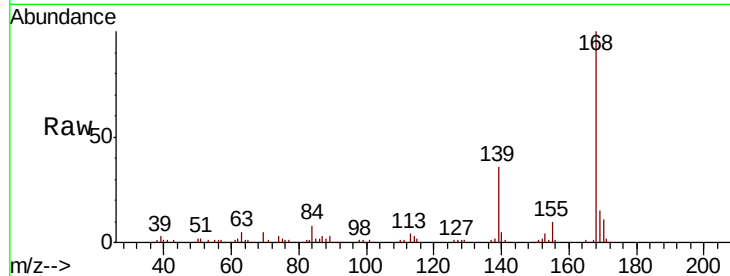




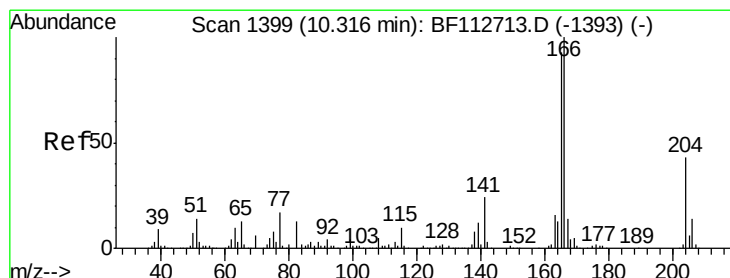
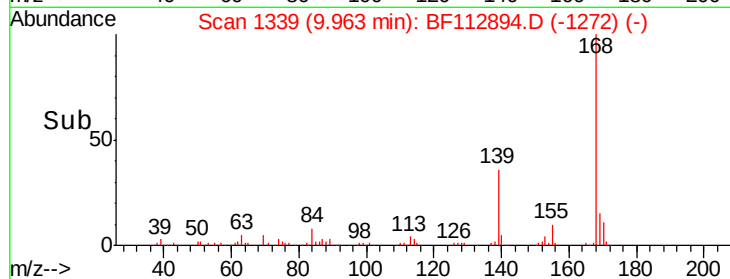
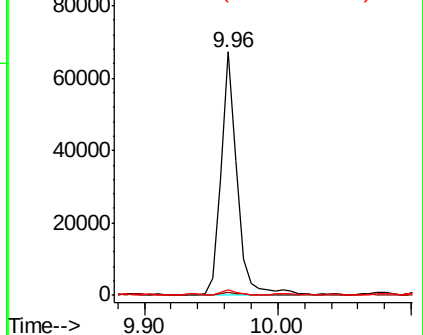
#56
4-Nitrophenol
Concen: 10.046 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.09 min
Lab File: BF112894.D
Acq: 6 Mar 2019 21:01

Instrument :
BNA_F
ClientSampleId :
Z-2-5

Tgt Ion:139 Resp: 57736
Ion Ratio Lower Upper
139 100
109 1.0 46.8 86.8#
65 2.1 80.7 120.7#

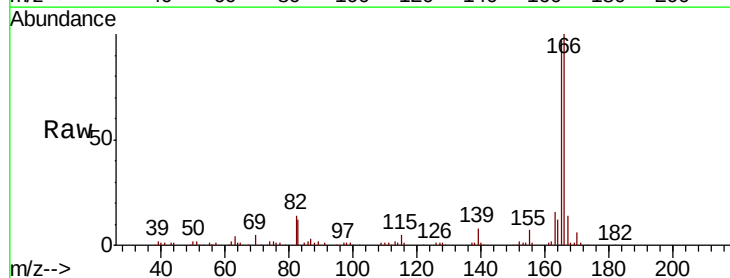


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

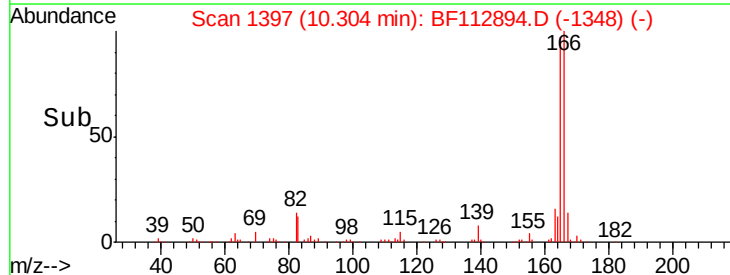
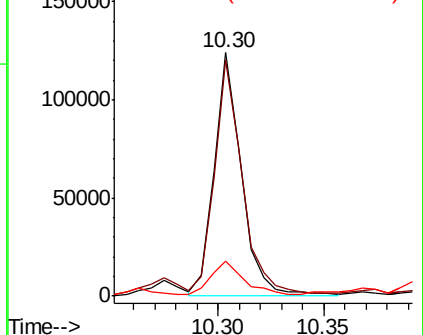


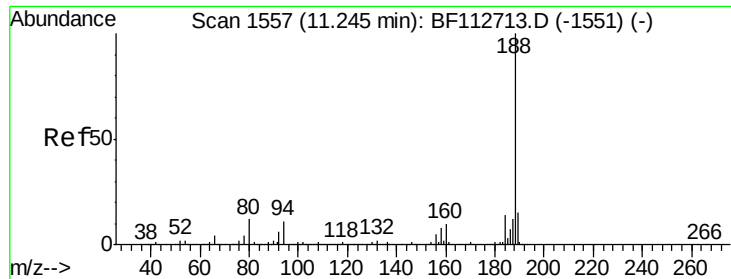
#58
Fluorene
Concen: 4.554 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF112894.D
Acq: 6 Mar 2019 21:01

Tgt Ion:166 Resp: 112268
Ion Ratio Lower Upper
166 100
165 96.9 74.7 112.1
167 14.2 11.0 16.6



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

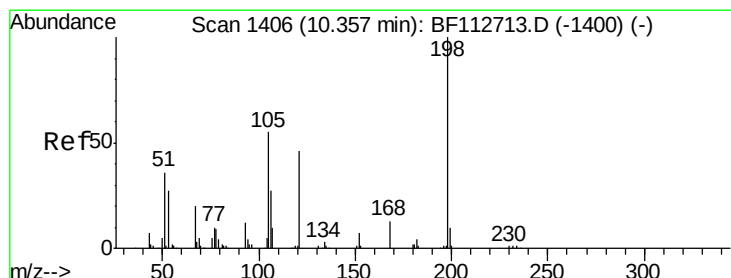
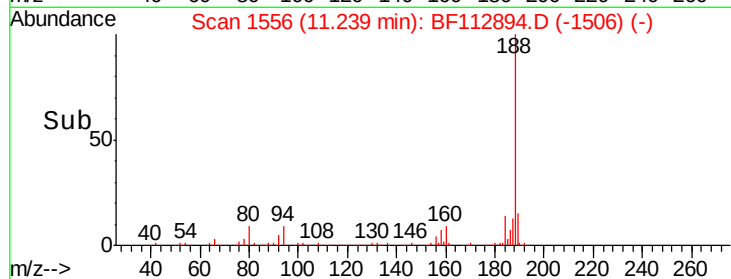
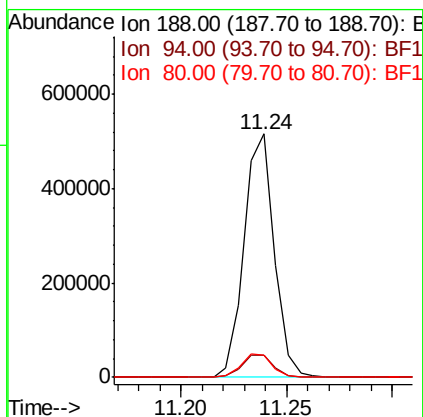
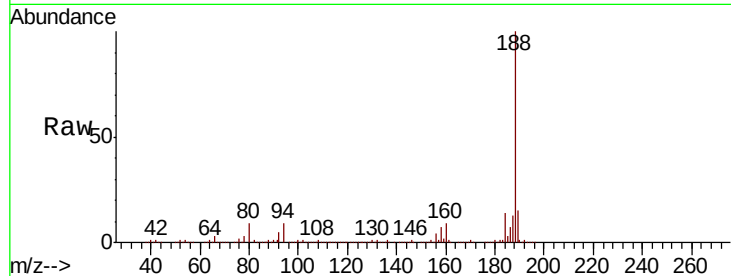




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112894.D
Acq: 6 Mar 2019 21:01

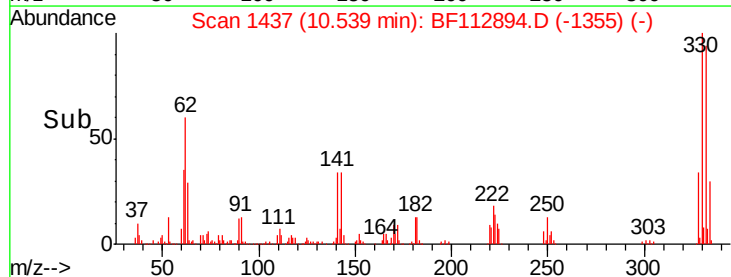
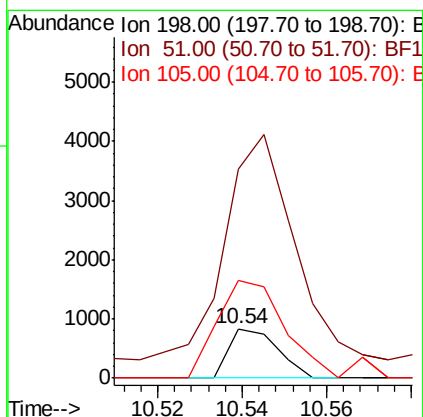
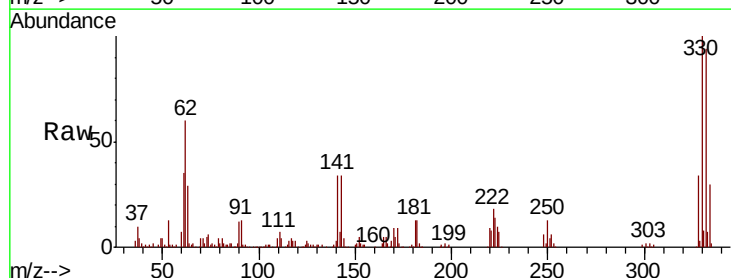
Instrument :
BNA_F
ClientSampleId :
Z-2-5

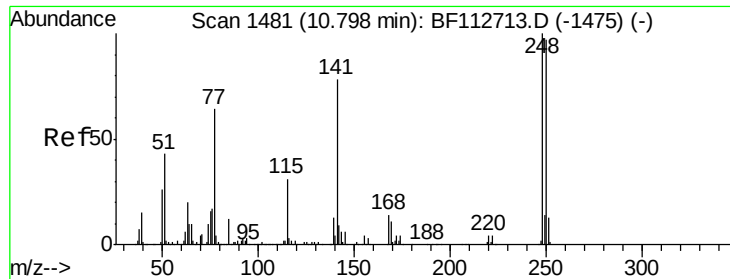
Tgt Ion:188 Resp: 508622
Ion Ratio Lower Upper
188 100
94 9.0 9.0 13.4
80 9.0 9.2 13.8#



#65
4,6-Dinitro-2-methylphenol
Concen: 4.900 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF112894.D
Acq: 6 Mar 2019 21:01

Tgt Ion:198 Resp: 664
Ion Ratio Lower Upper
198 100
51 423.6 43.8 83.8#
105 197.4 36.5 76.5#

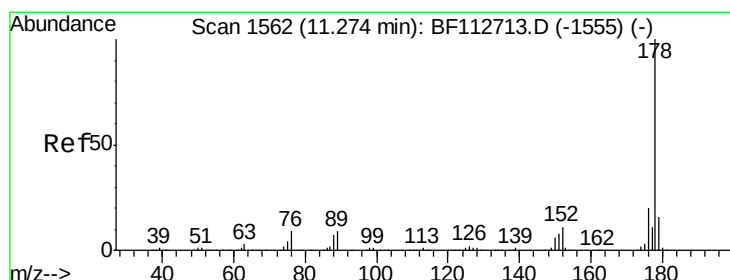
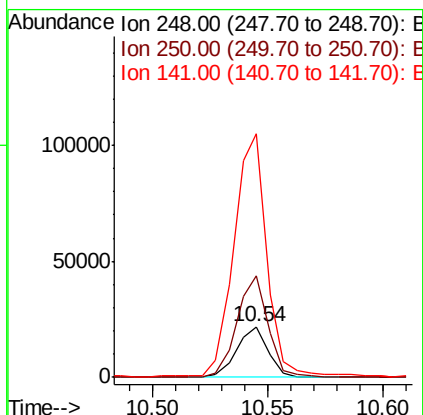
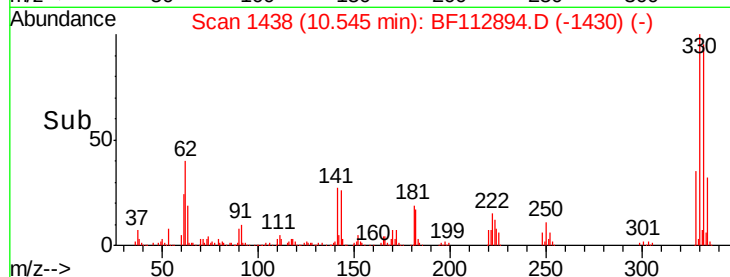
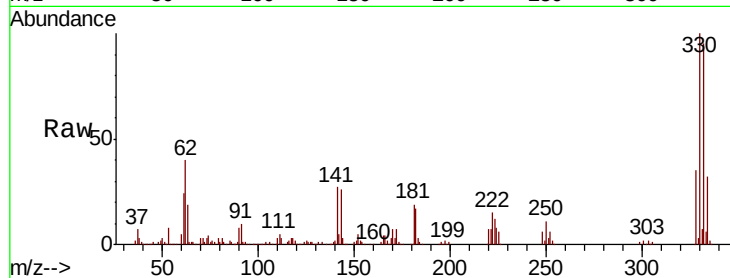




#67
 4-Bromophenyl-phenylether
 Concen: 3.830 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112894.D
 Acq: 6 Mar 2019 21:01

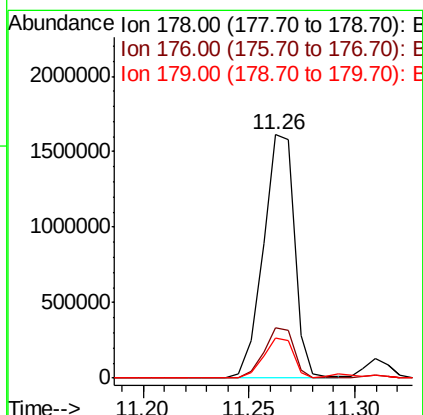
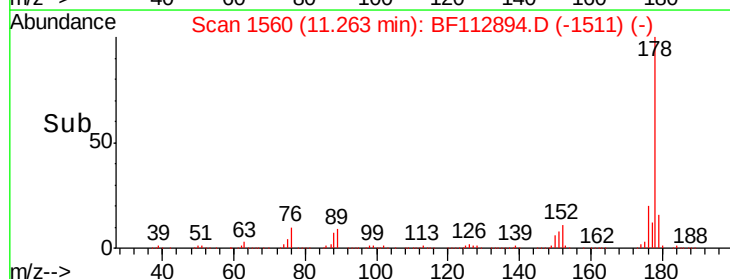
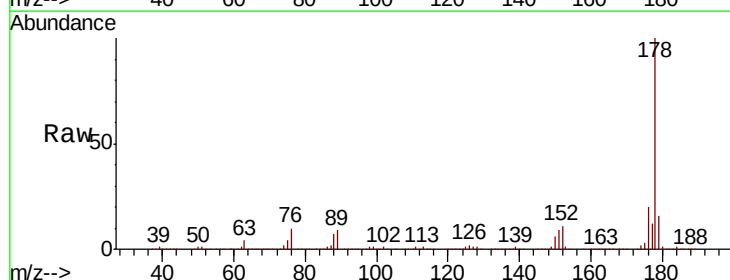
Instrument :
 BNA_F
 ClientSampleId :
 Z-2-5

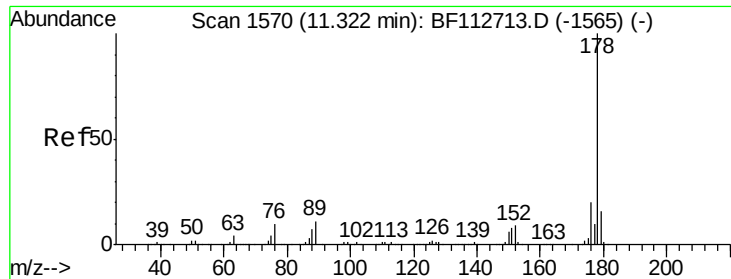
Tgt Ion:248 Resp: 20518
 Ion Ratio Lower Upper
 248 100
 250 201.9 77.5 116.3#
 141 481.5 62.4 93.6#



#71
 Phenanthrene
 Concen: 65.621 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF112894.D
 Acq: 6 Mar 2019 21:01

Tgt Ion:178 Resp: 1660608
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.3 24.5
 179 16.3 12.7 19.1

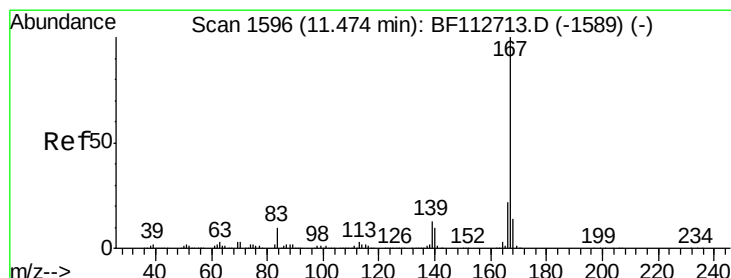
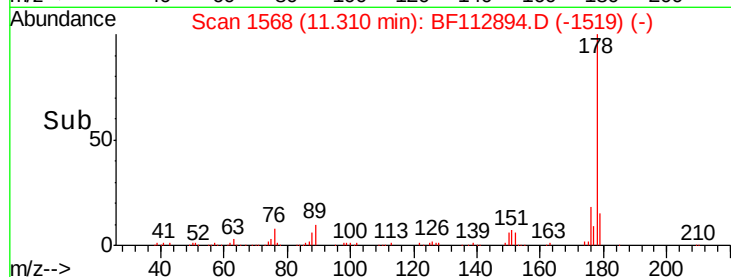
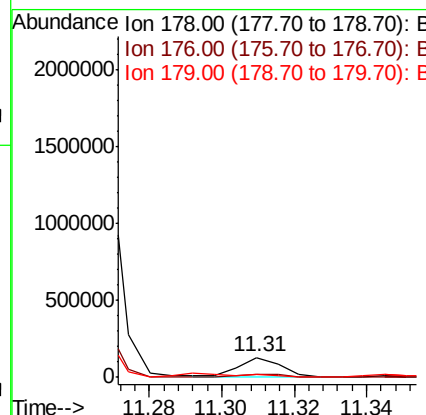
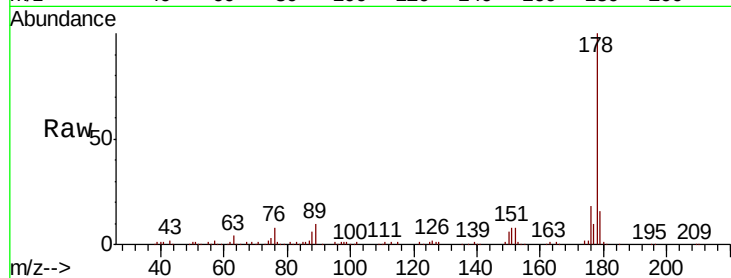




#72
 Anthracene
 Concen: 3.887 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF112894.D
 Acq: 6 Mar 2019 21:01

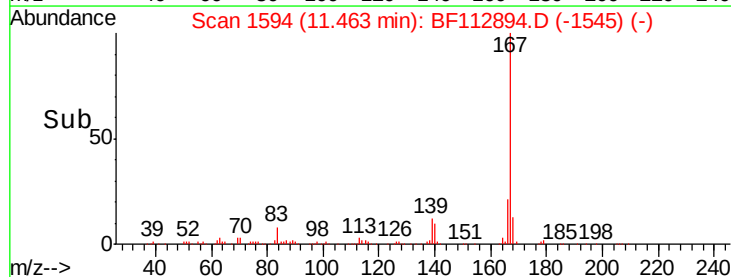
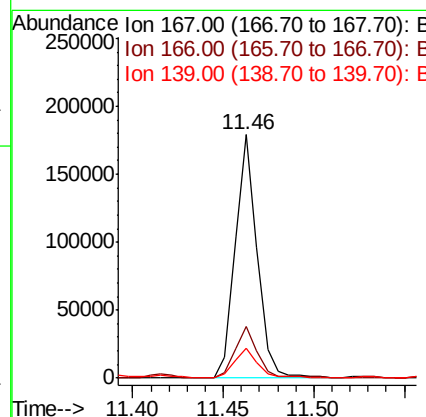
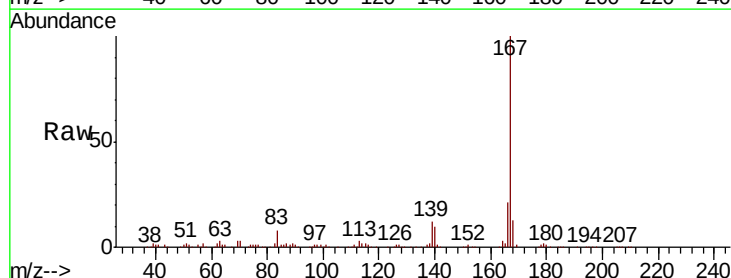
Instrument :
 BNA_F
 ClientSampleId :
 Z-2-5

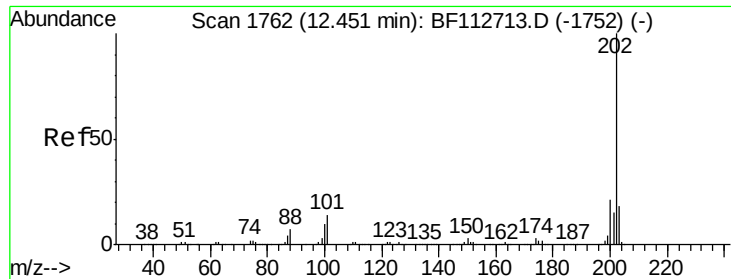
Tgt Ion:178 Resp: 102971
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.8 23.6
 179 15.6 13.0 19.6



#73
 Carbazole
 Concen: 5.852 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF112894.D
 Acq: 6 Mar 2019 21:01

Tgt Ion:167 Resp: 151220
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.5 26.3
 139 12.0 10.8 16.2





#75

Fluoranthene

Concen: 82.215 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF112894.D

Acq: 6 Mar 2019 21:01

Instrument :

BNA_F

ClientSampleId :

Z-2-5

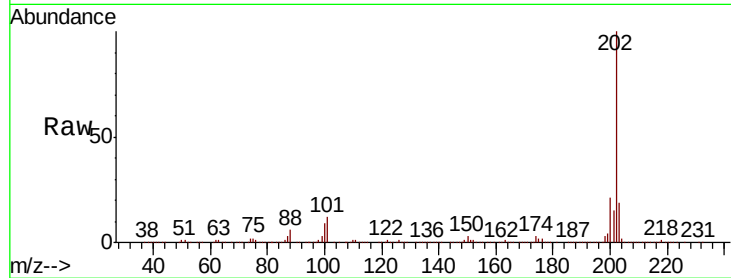
Tgt Ion:202 Resp: 2229055

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.8

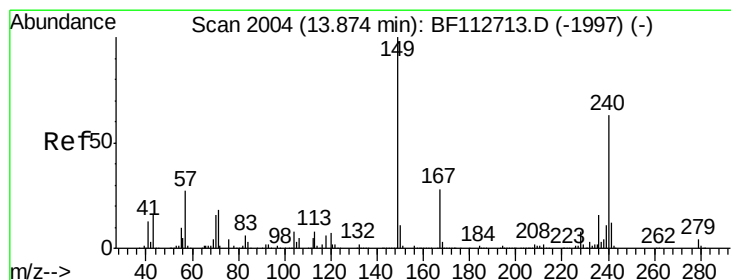
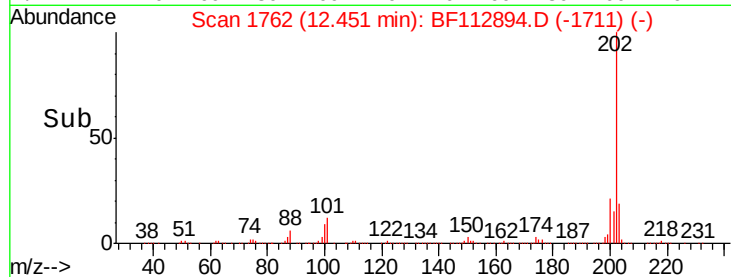
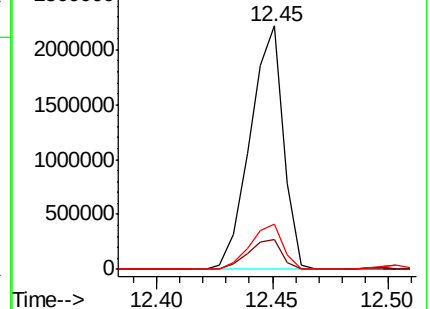
203 18.8 0.0 38.4



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: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF112894.D

Acq: 6 Mar 2019 21:01

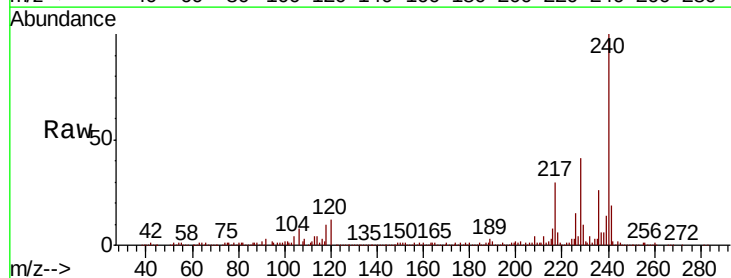
Tgt Ion:240 Resp: 481176

Ion Ratio Lower Upper

240 100

120 12.2 8.9 13.3

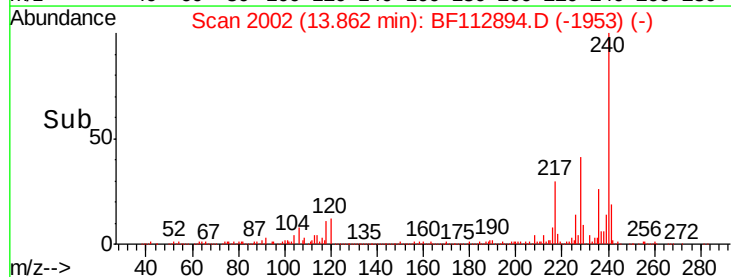
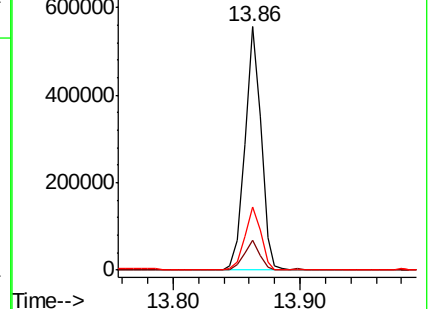
236 25.8 20.7 31.1

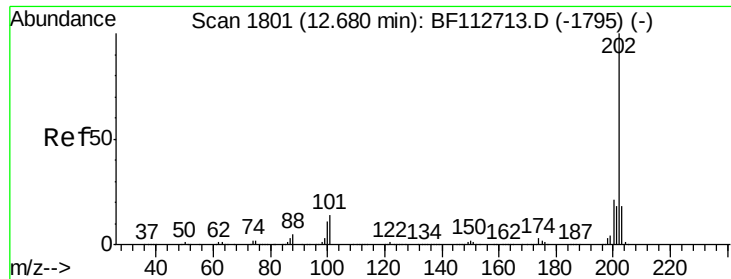


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

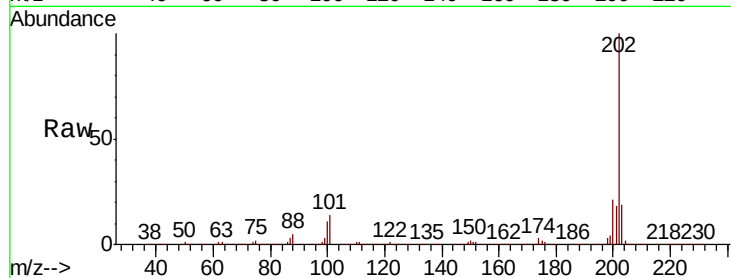




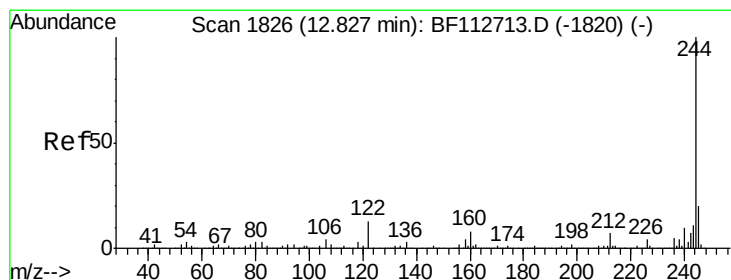
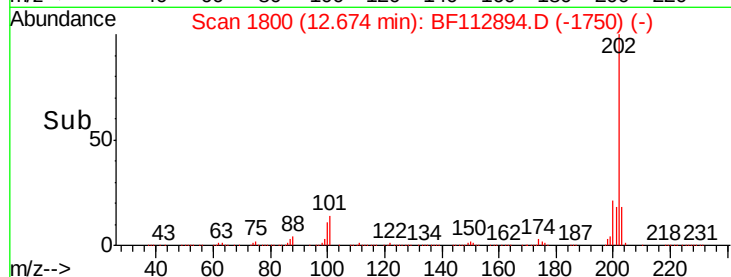
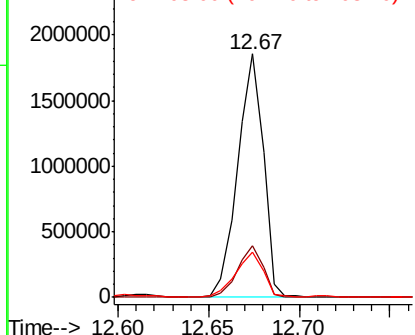
#78
 Pyrene
 Concen: 44.922 ng
 RT: 12.67 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BF112894.D
 Acq: 6 Mar 2019 21:01

Instrument :
 BNA_F
 ClientSampled :
 Z-2-5

Tgt Ion: 202 Resp: 1822227
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.0 25.4
 203 18.5 14.4 21.6

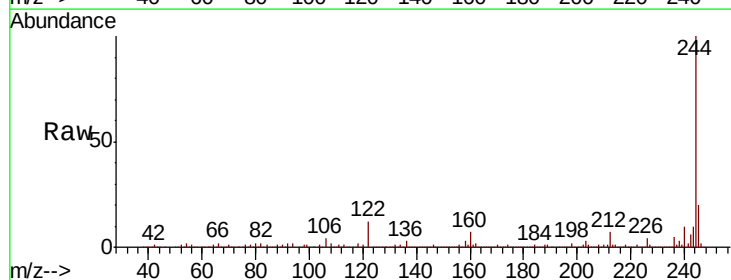


Abundance Ion 202.00 (201.70 to 202.70): E
 2500000
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

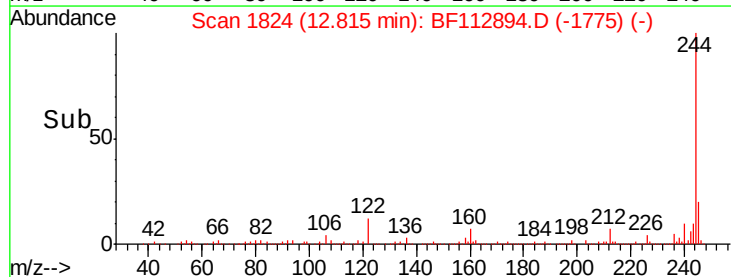
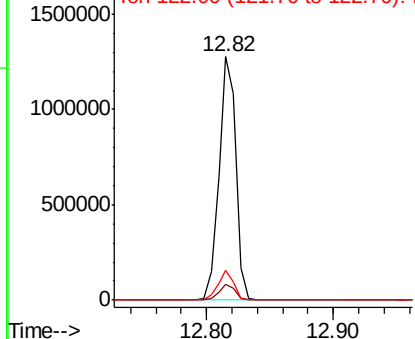


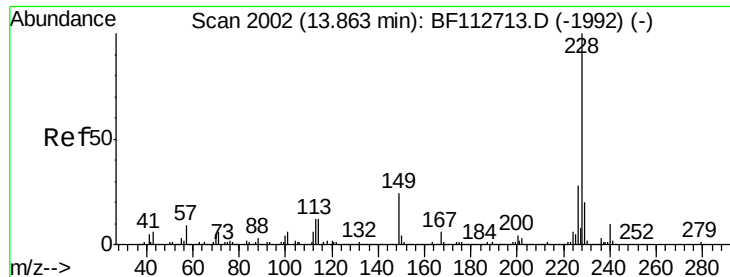
#79
 Terphenyl-d14
 Concen: 48.020 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF112894.D
 Acq: 6 Mar 2019 21:01

Tgt Ion: 244 Resp: 1191964
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 12.2 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E
 1500000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 25.588 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF112894.D

Acq: 6 Mar 2019 21:01

Instrument :

BNA_F

ClientSampled :

Z-2-5

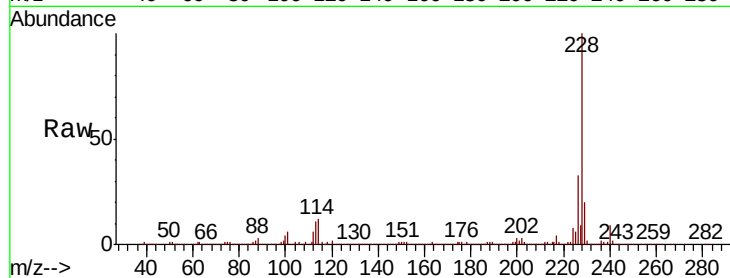
Tgt Ion:228 Resp: 853332

Ion Ratio Lower Upper

228 100

226 32.8 22.2 33.4

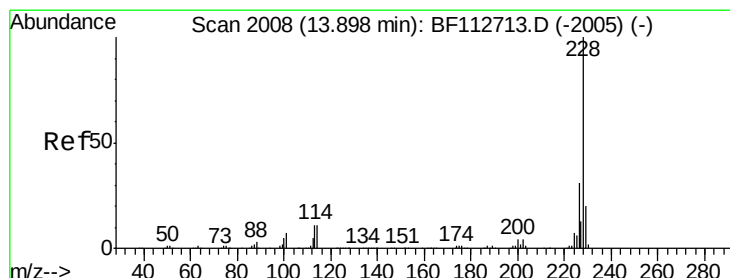
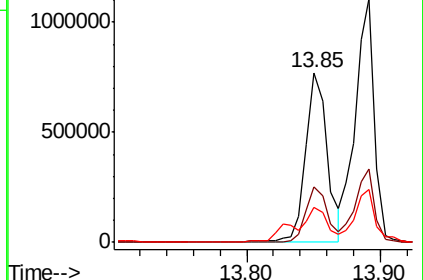
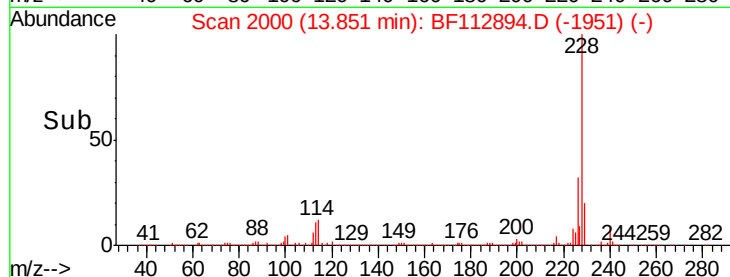
229 20.5 16.0 24.0



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: 33.605 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF112894.D

Acq: 6 Mar 2019 21:01

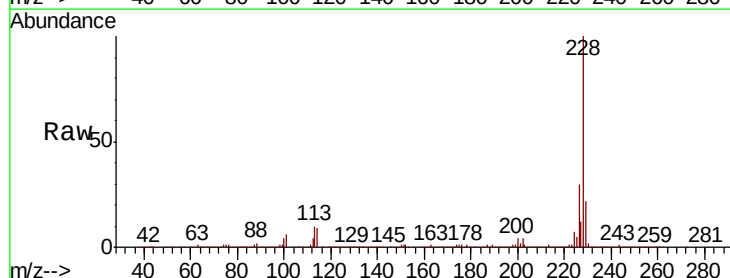
Tgt Ion:228 Resp: 1097760

Ion Ratio Lower Upper

228 100

226 30.4 24.9 37.3

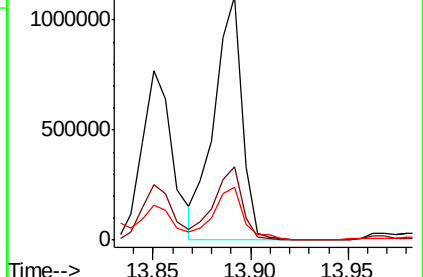
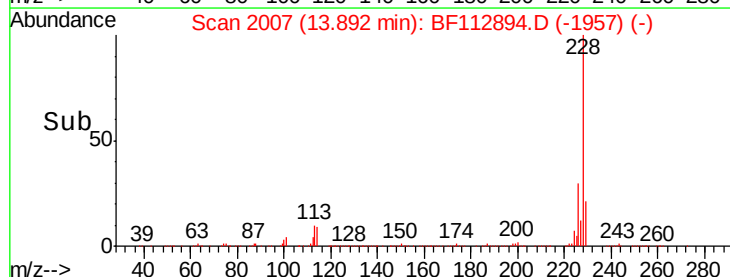
229 22.0 16.3 24.5

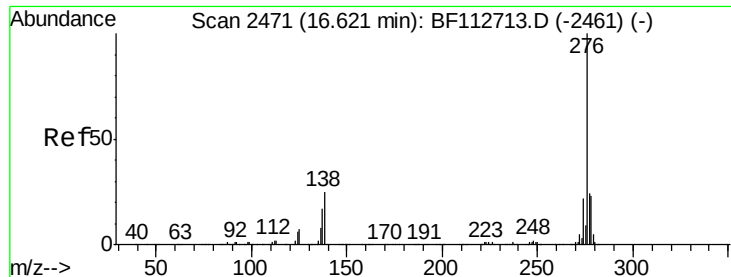


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

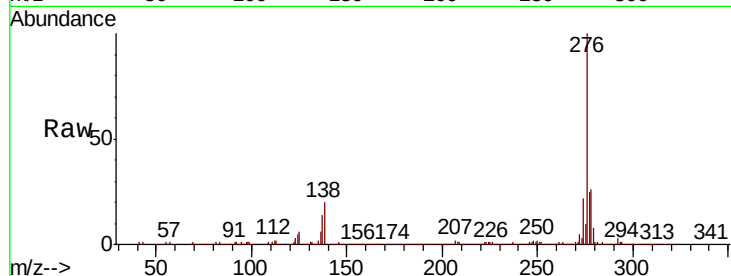




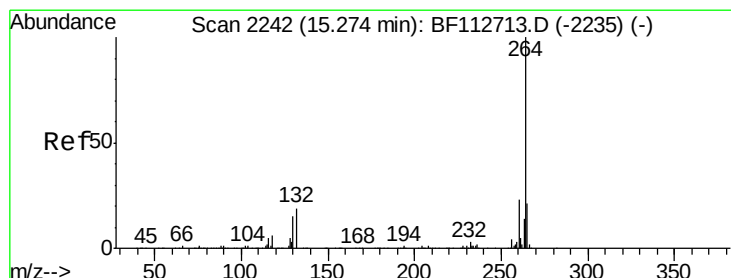
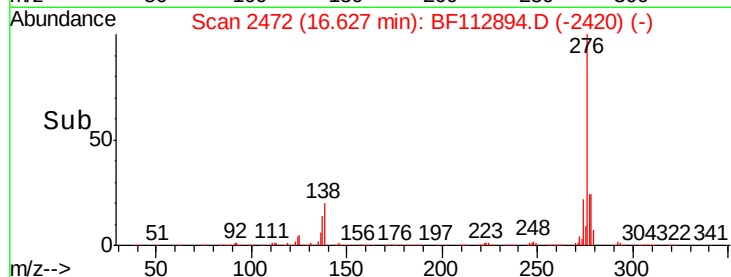
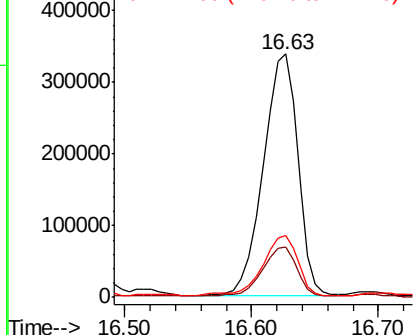
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 23.045 ng
 RT: 16.63 min Scan# 2472
 Delta R.T. 0.01 min
 Lab File: BF112894.D
 Acq: 6 Mar 2019 21:01

Instrument :
 BNA_F
 ClientSampleId :
 Z-2-5

Tgt Ion: 276 Resp: 641789
 Ion Ratio Lower Upper
 276 100
 138 20.6 23.2 34.8#
 277 25.7 19.9 29.9

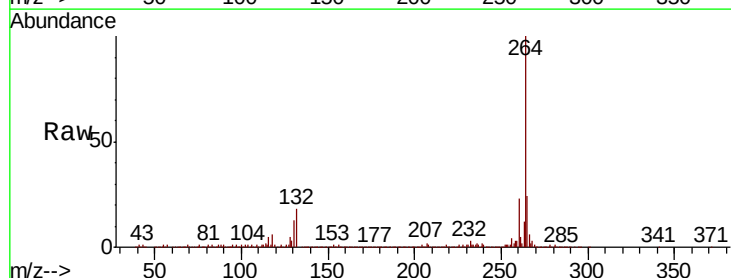


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

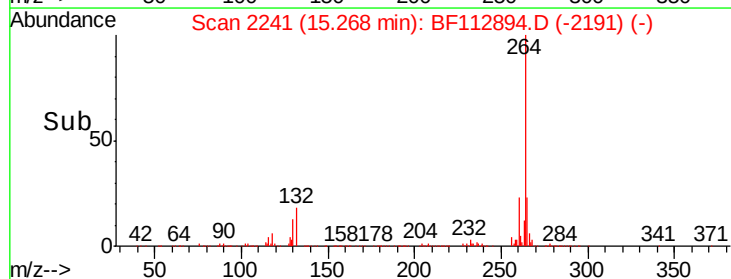
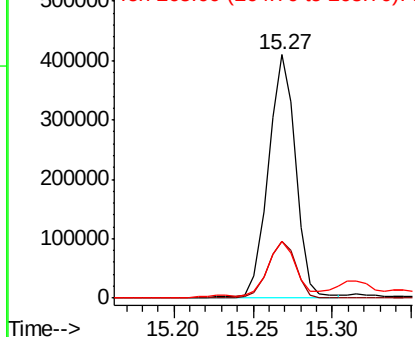


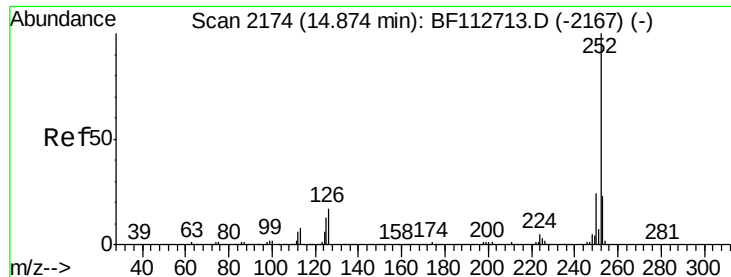
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF112894.D
 Acq: 6 Mar 2019 21:01

Tgt Ion: 264 Resp: 491932
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 23.5 17.2 25.8



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: 55.885 ng

RT: 14.87 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BF112894.D

Acq: 6 Mar 2019 21:01

Instrument :

BNA_F

ClientSampleId :

Z-2-5

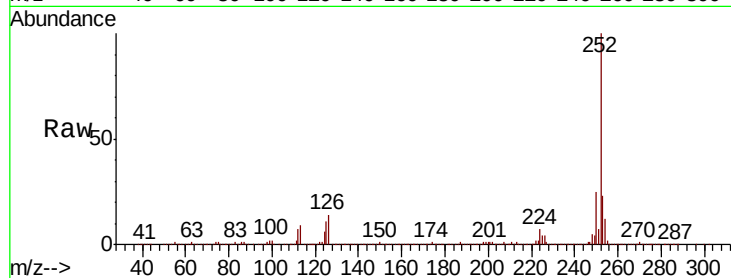
Tgt Ion:252 Resp: 1778236

Ion Ratio Lower Upper

252 100

253 23.3 18.0 27.0

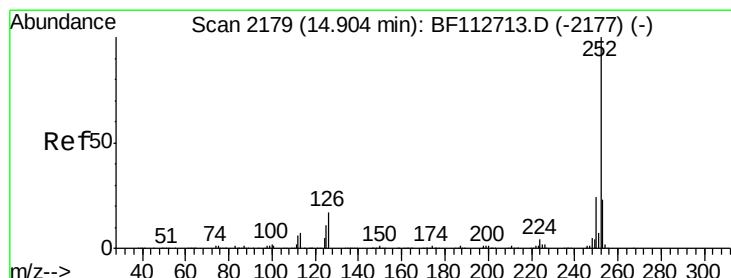
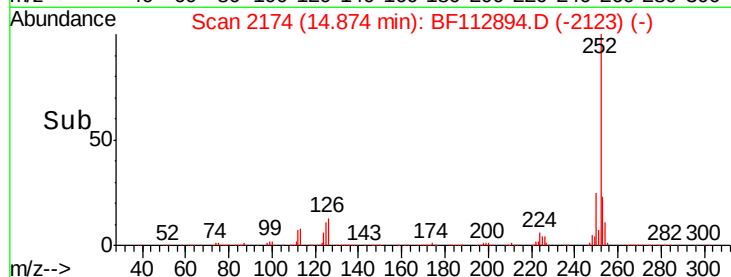
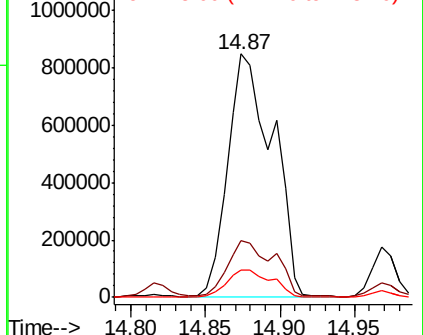
125 11.5 10.2 15.2



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: 61.697 ng

RT: 14.87 min Scan# 2174

Delta R.T. -0.03 min

Lab File: BF112894.D

Acq: 6 Mar 2019 21:01

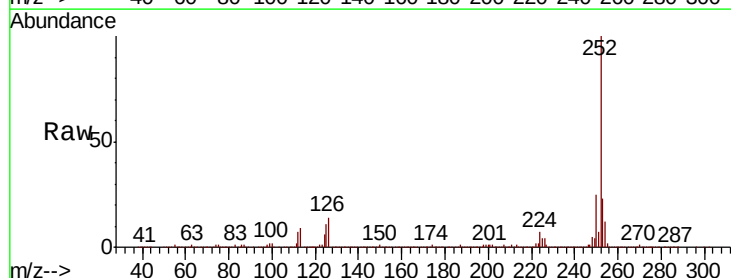
Tgt Ion:252 Resp: 1778236

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.2

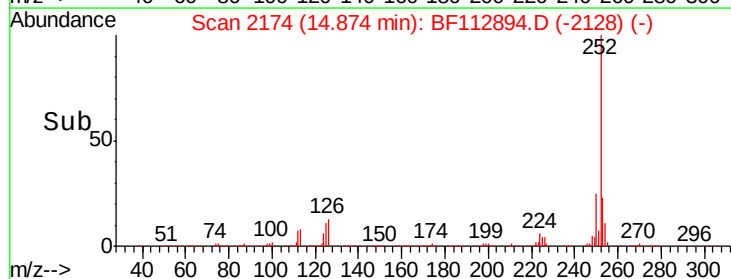
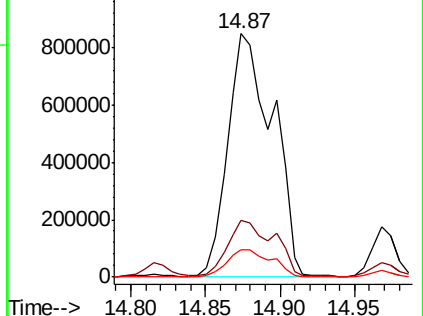
125 11.5 9.8 14.6

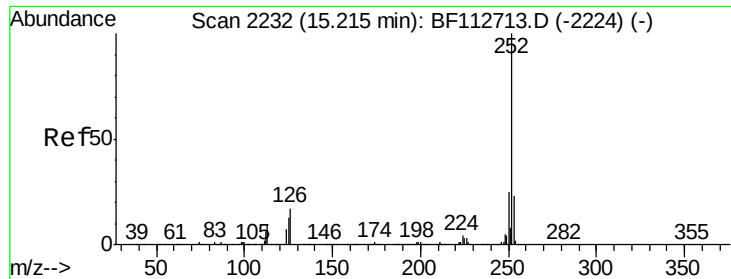


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

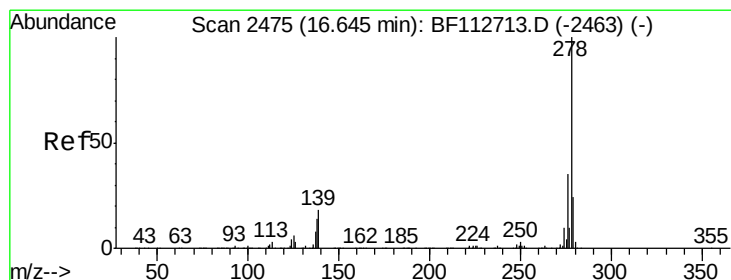
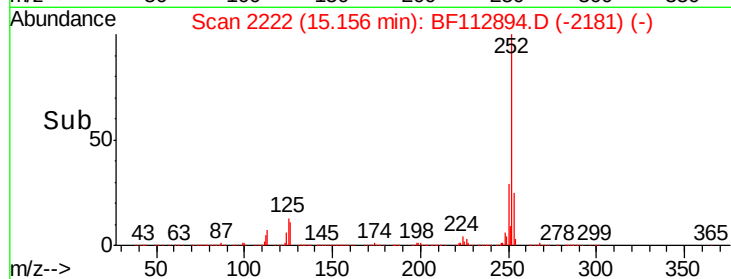
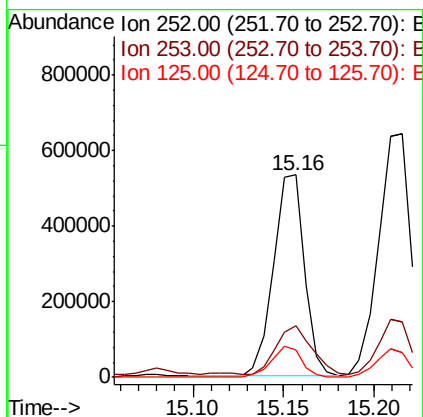
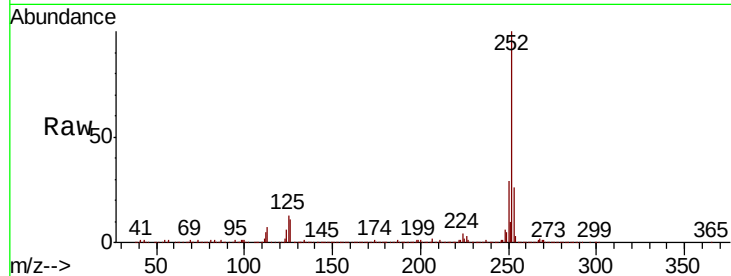




#90
Benzo(a)pyrene
Concen: 22.630 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.06 min
Lab File: BF112894.D
Acq: 6 Mar 2019 21:01

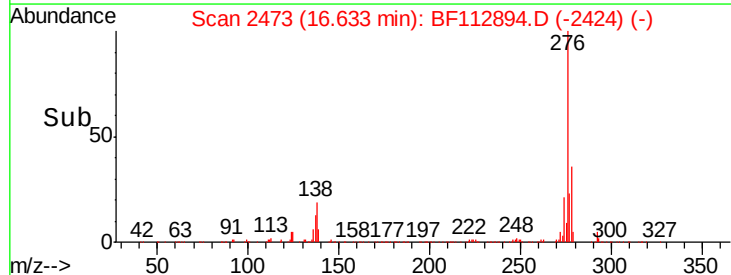
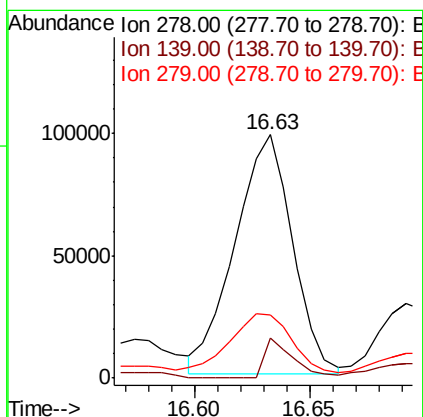
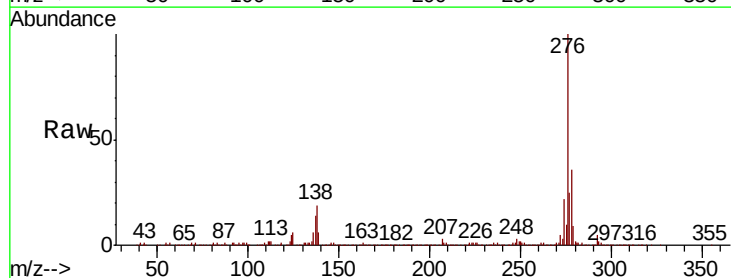
Instrument :
BNA_F
ClientSampleId :
Z-2-5

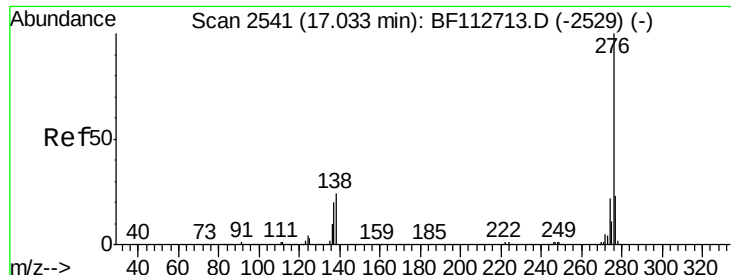
Tgt Ion:252 Resp: 636927
Ion Ratio Lower Upper
252 100
253 25.6 18.0 27.0
125 13.2 10.7 16.1



#91
Dibenzo(a,h)anthracene
Concen: 7.096 ng
RT: 16.63 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BF112894.D
Acq: 6 Mar 2019 21:01

Tgt Ion:278 Resp: 170410
Ion Ratio Lower Upper
278 100
139 16.7 14.3 21.5
279 26.1 19.4 29.0





#92
 Benzo(g,h,i)perylene
 Concen: 23.256 ng
 RT: 17.03 min Scan# 2541
 Delta R.T. -0.00 min
 Lab File: BF112894.D
 Acq: 6 Mar 2019 21:01

Instrument :
 BNA_F
 ClientSampleId :
 Z-2-5

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	27.8
138	19.5	19.4	29.0

