

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101118\
 Data File : BF109807.D
 Acq On : 12 Oct 2018 00:49
 Operator : JU/SJ
 Sample : J5314-07 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-24

Quant Time: Oct 12 04:28:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	69599	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	286746	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	121386	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	217806	20.00	ng	0.00
75) Chrysene-d12	13.83	240	208064	20.00	ng	0.00
86) Perylene-d12	15.23	264	153084	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	201665	51.43	ng	-0.01
7) Phenol-d6	6.34	99	307136	58.64	ng	-0.02
23) Nitrobenzene-d5	7.26	82	189338	36.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	65205	49.30	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	312274	35.43	ng	-0.01
78) Terphenyl-d14	12.78	244	268495	24.98	ng	0.00

Target Compounds

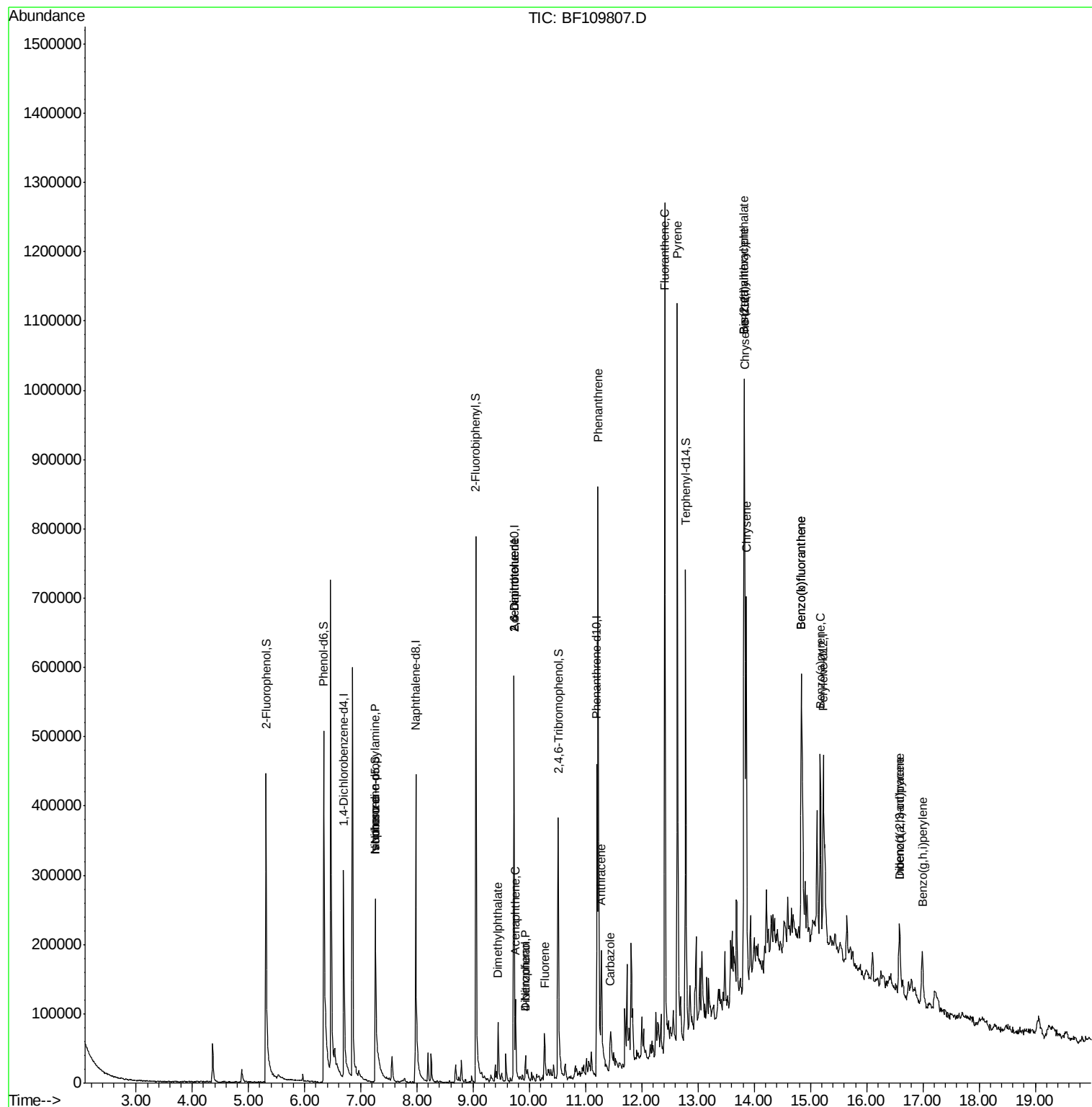
						Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	23382	6.365	ng	# 76
25) Isophorone	7.26	82	189338	21.919	ng	# 67
49) Dimethylphthalate	9.44	163	41278	4.637	ng	99
50) 2,6-Dinitrotoluene	9.72	165	15494	8.029	ng	# 22
51) Acenaphthene	9.75	154	24732	3.522	ng	99
54) Dibenzofuran	9.93	168	22693	2.156	ng	96
55) 4-Nitrophenol	9.93	139	9476	8.003	ng	# 9
56) 2,4-Dinitrotoluene	9.72	165	15494	6.434	ng	# 18
57) Fluorene	10.27	166	30008	3.818	ng	97
70) Phenanthrene	11.22	178	384584	35.283	ng	100
71) Anthracene	11.27	178	123726	10.981	ng	99
72) Carbazole	11.45	167	42937	3.929	ng	98
74) Fluoranthene	12.41	202	567692	49.855	ng	98
77) Pyrene	12.63	202	504670	33.106	ng	98
80) Benzo(a)anthracene	13.82	228	272325	23.718	ng	97
82) Chrysene	13.86	228	233338	19.348	ng	97
83) Bis(2-ethylhexyl)phthalate	13.82	149	98729	12.244	ng	97
85) Indeno(1,2,3-cd)pyrene	16.59	276	80435	9.318	ng	# 92
87) Benzo(b)fluoranthene	14.84	252	311297	36.798	ng	98
88) Benzo(k)fluoranthene	14.84	252	311297	36.624	ng	97
89) Benzo(a)pyrene	15.17	252	159257	20.745	ng	99
90) Dibenzo(a,h)anthracene	16.59	278	21558	3.419	ng	# 90
91) Benzo(g,h,i)perylene	16.99	276	77965	12.383	ng	94

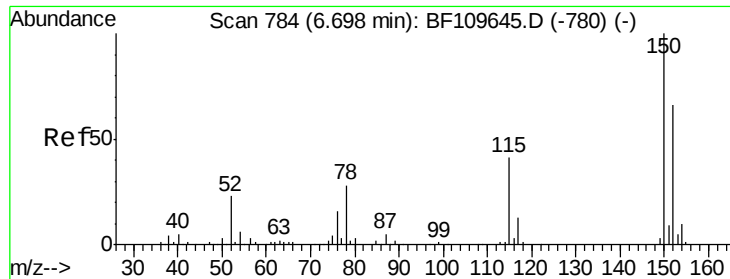
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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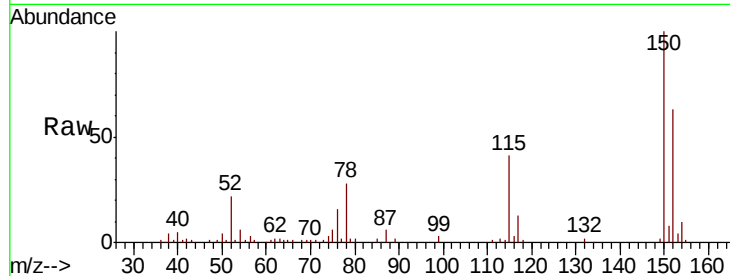




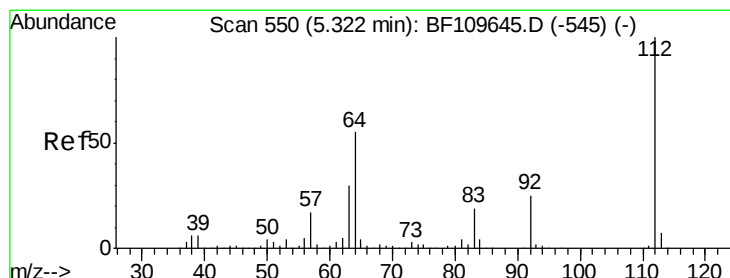
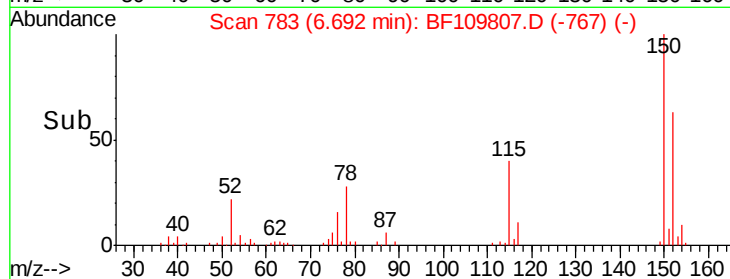
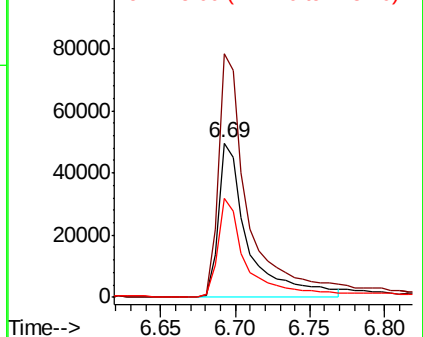
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF109807.D
 Acq: 12 Oct 2018 00:49

Instrument :
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 ClientSampleId :
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Tgt Ion:152 Resp: 69599
 Ion Ratio Lower Upper
 152 100
 150 158.0 122.7 184.1
 115 64.4 49.1 73.7

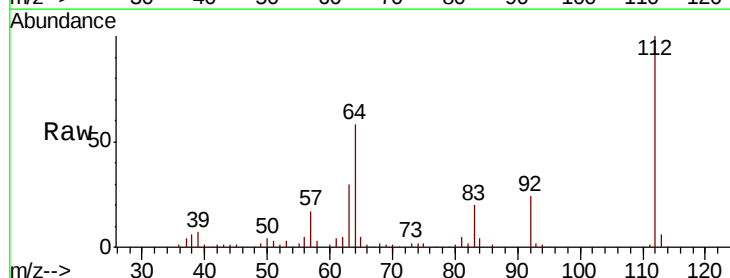


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

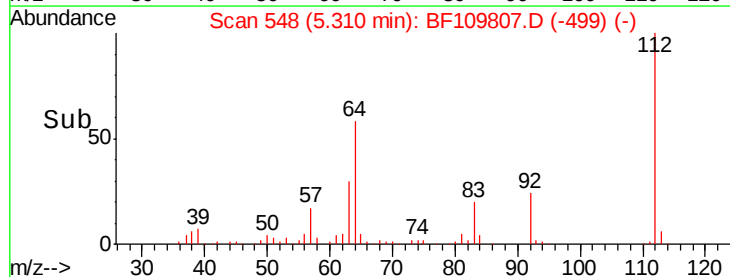
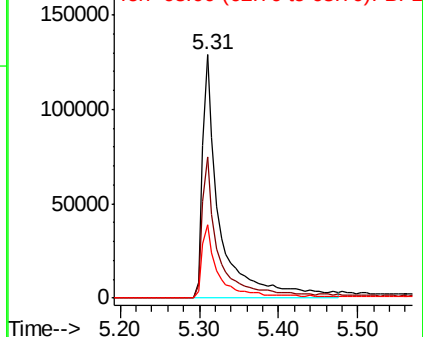


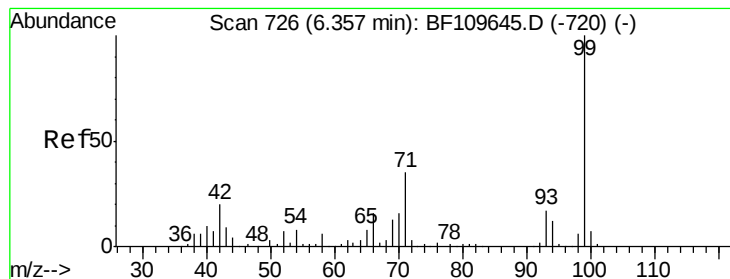
#5
 2-Fluorophenol
 Concen: 51.432 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109807.D
 Acq: 12 Oct 2018 00:49

Tgt Ion:112 Resp: 201665
 Ion Ratio Lower Upper
 112 100
 64 58.1 44.1 66.1
 63 30.4 23.7 35.5



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: 58.636 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109807.D

Acq: 12 Oct 2018 00:49

Instrument :

BNA_F

ClientSampleId :

DOCUMENTATION-24

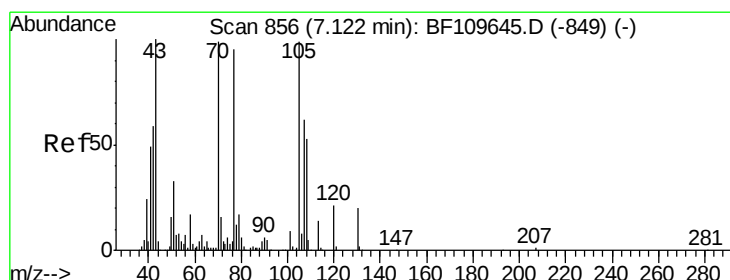
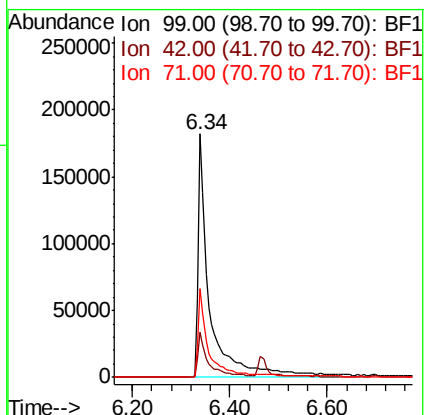
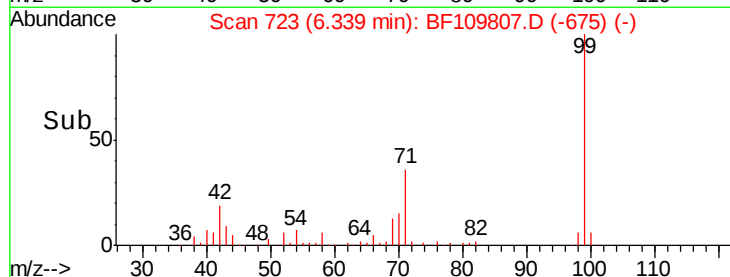
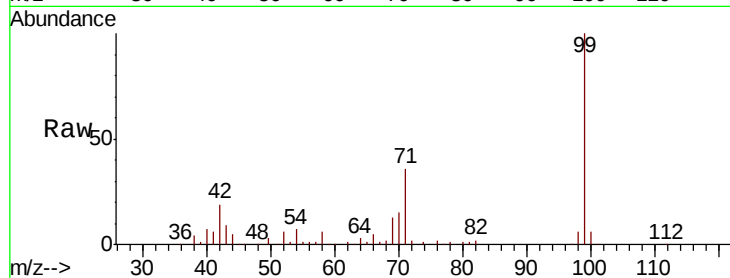
Tgt Ion: 99 Resp: 307136

Ion Ratio Lower Upper

99 100

42 18.7 15.8 23.6

71 36.5 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 6.365 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF109807.D

Acq: 12 Oct 2018 00:49

Tgt Ion: 70 Resp: 23382

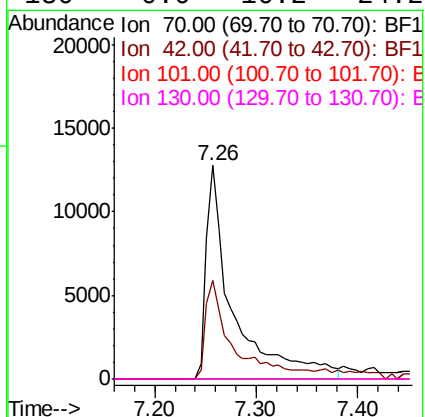
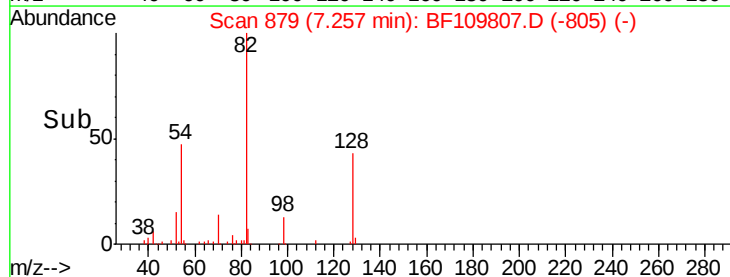
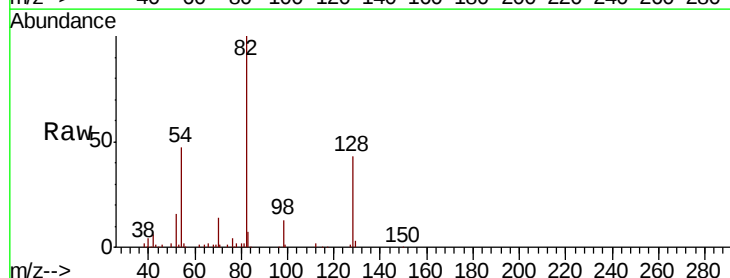
Ion Ratio Lower Upper

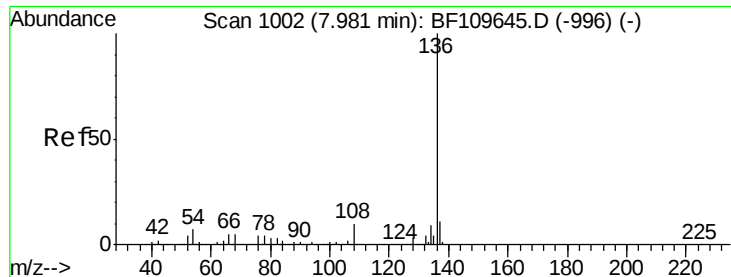
70 100

42 46.0 47.4 71.2#

101 0.0 7.3 10.9#

130 0.0 16.2 24.2#

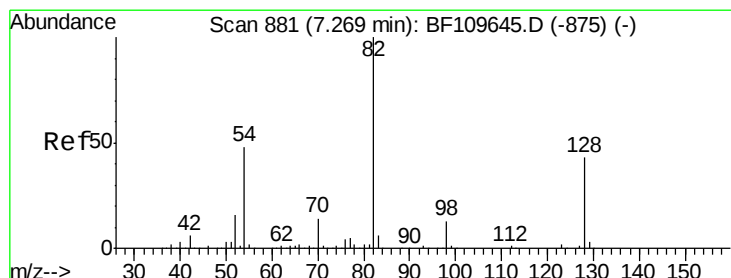
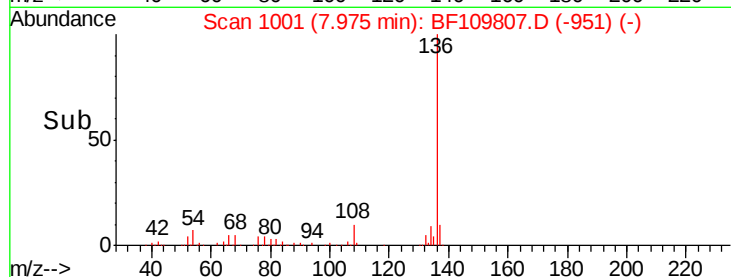
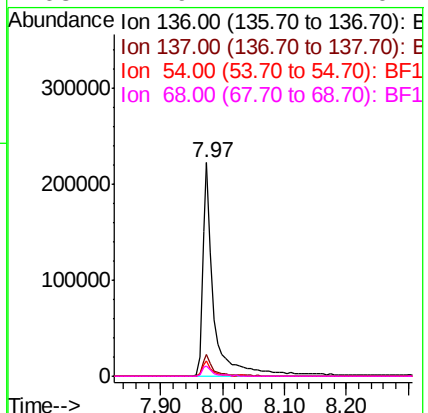
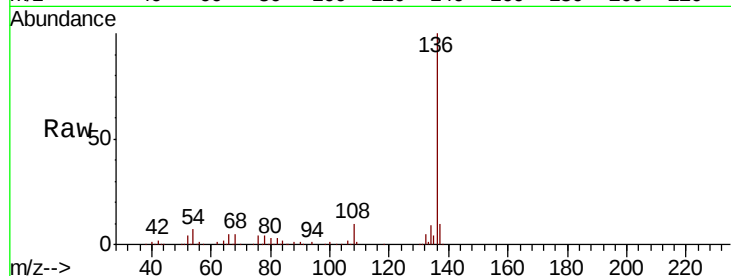




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

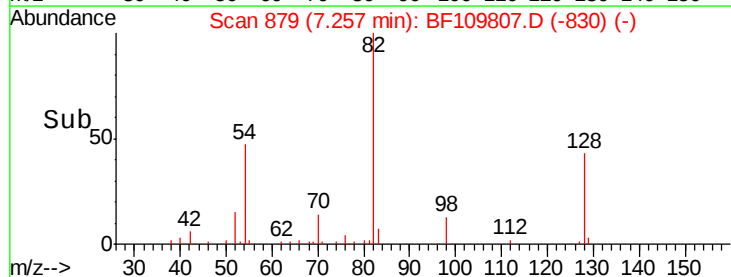
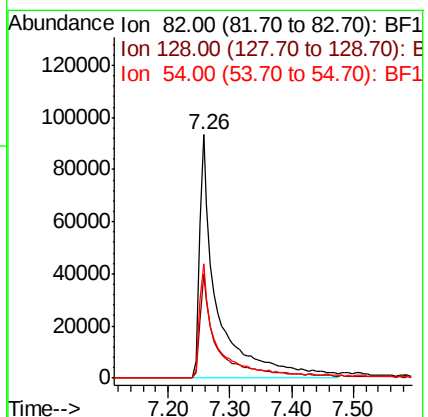
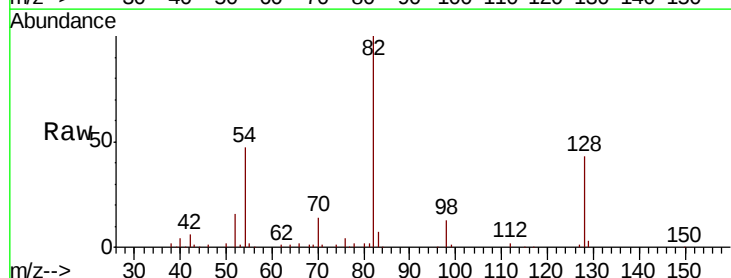
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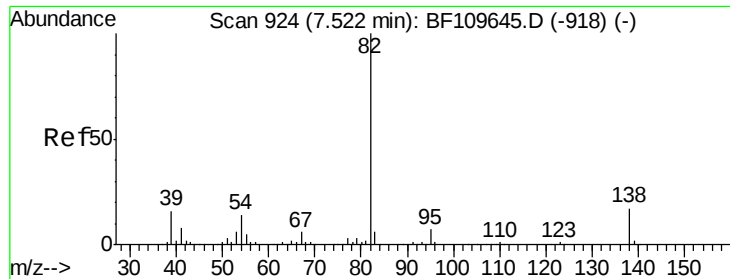
Tgt Ion:	136	Resp:	286746
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	6.9	5.4	8.2
68	4.9	4.2	6.2



#23
Nitrobenzene-d5
Concen: 36.398 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

Tgt Ion:	82	Resp:	189338
Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.2	51.2
54	47.1	38.6	58.0

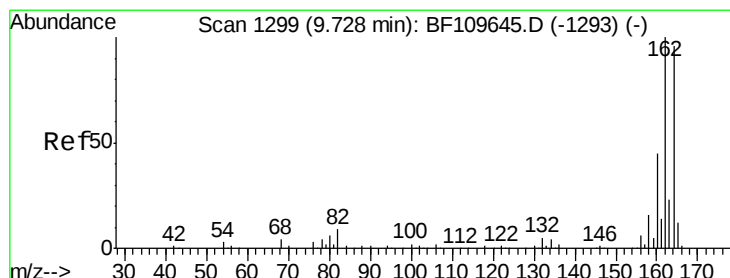
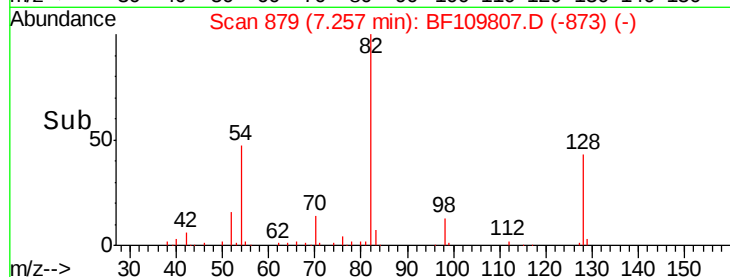
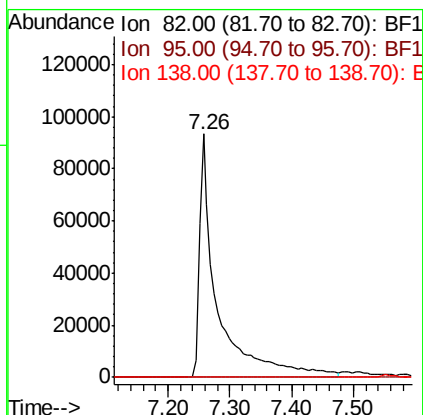
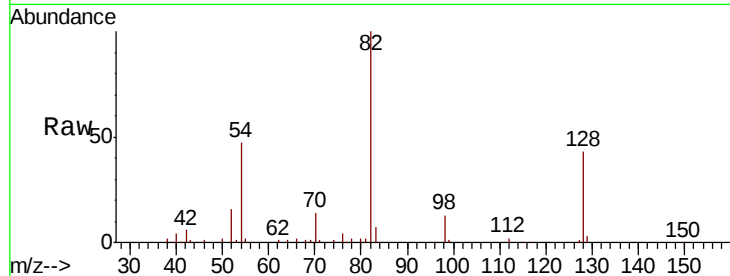




#25
Isophorone
Concen: 21.919 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

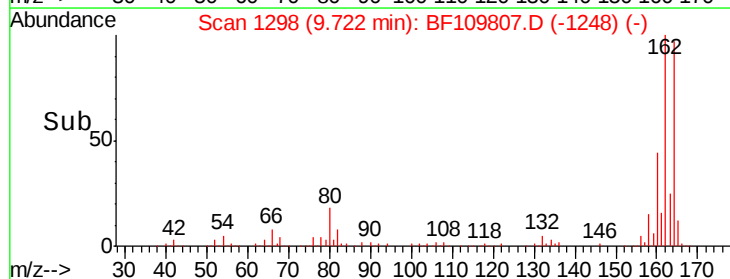
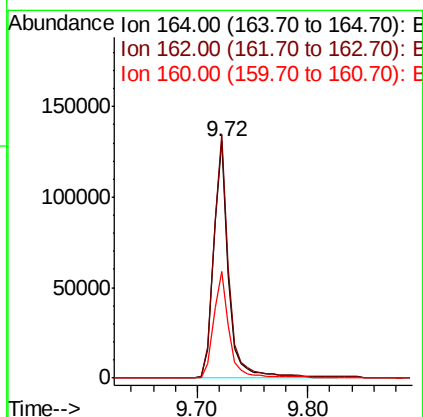
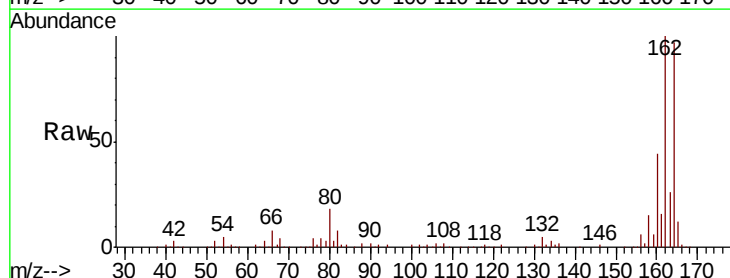
Instrument :
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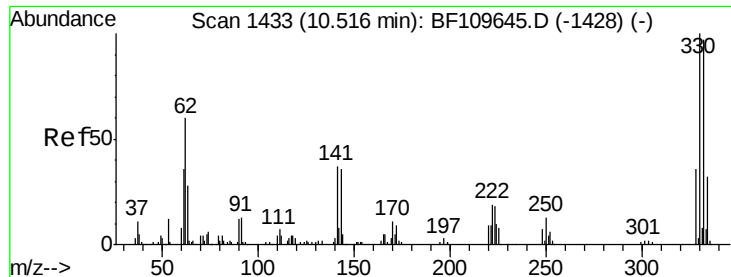
Tgt Ion: 82 Resp: 189338
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

Tgt Ion: 164 Resp: 121386
Ion Ratio Lower Upper
164 100
162 102.8 83.0 124.6
160 44.9 37.0 55.6

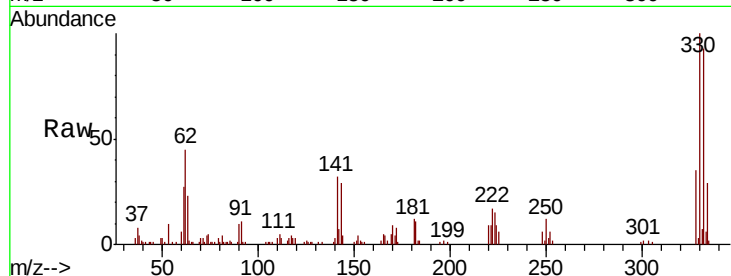




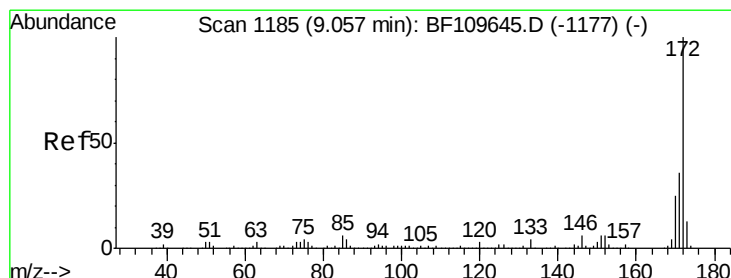
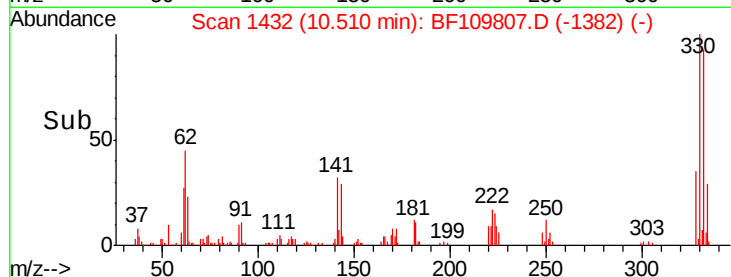
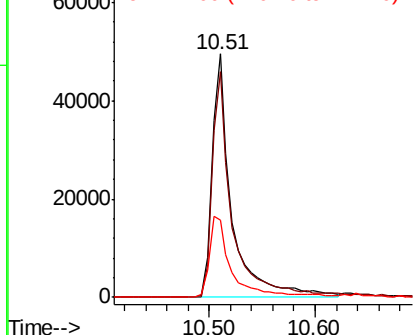
#41
 2,4,6-Tribromophenol
 Concen: 49.299 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109807.D
 Acq: 12 Oct 2018 00:49

Instrument :
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 ClientSampleId :
 DOCUMENTATION-24

Tgt Ion:330 Resp: 65205
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.1 115.7
 141 37.3 27.0 40.4

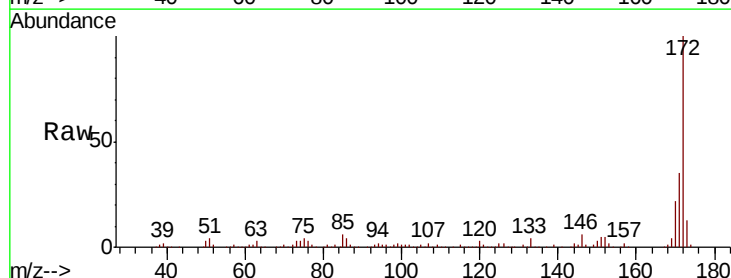


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

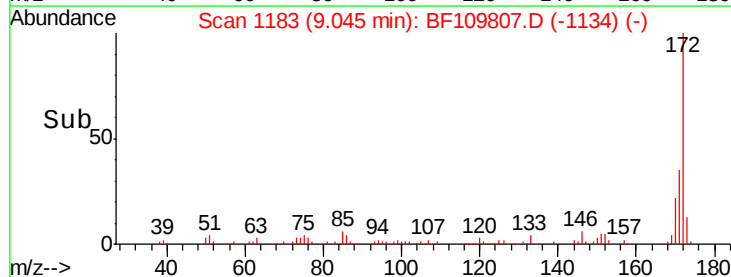
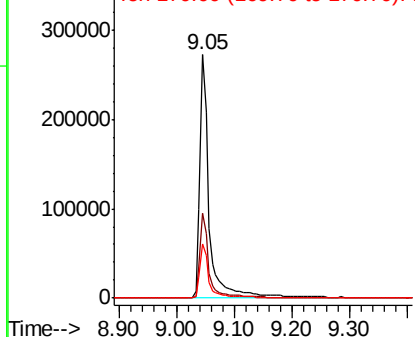


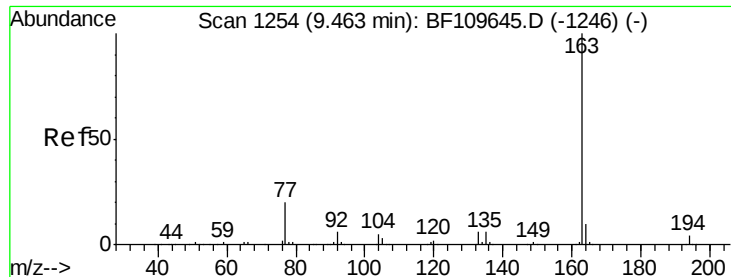
#44
 2-Fluorobiphenyl
 Concen: 35.431 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF109807.D
 Acq: 12 Oct 2018 00:49

Tgt Ion:172 Resp: 312274
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.6 43.0
 170 22.4 19.7 29.5



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

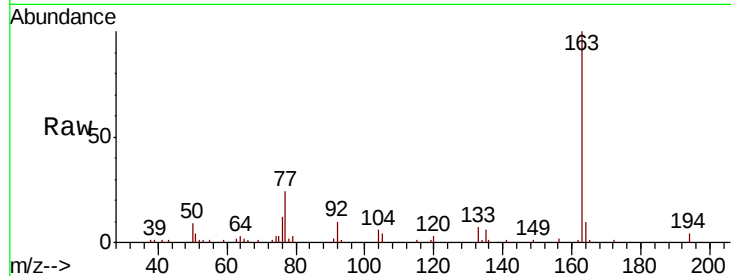




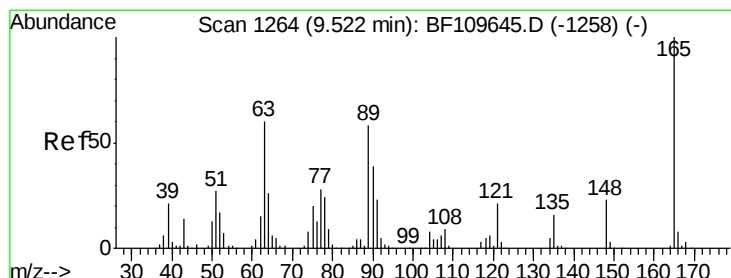
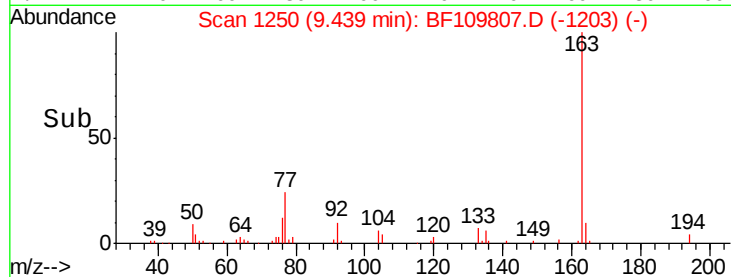
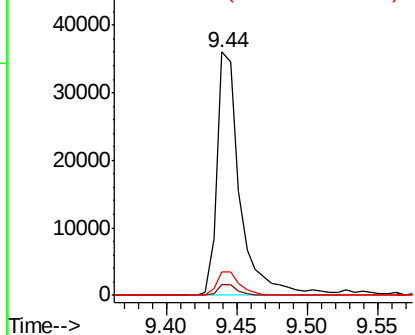
#49
Dimethylphthalate
Concen: 4.637 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:163 Resp: 41278
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 9.5 8.1 12.1

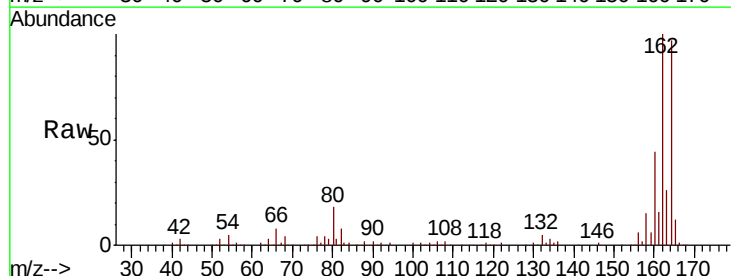


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

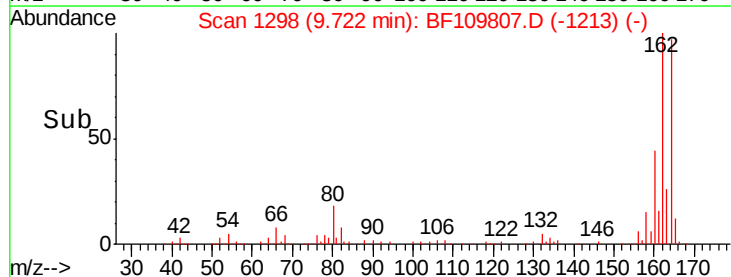
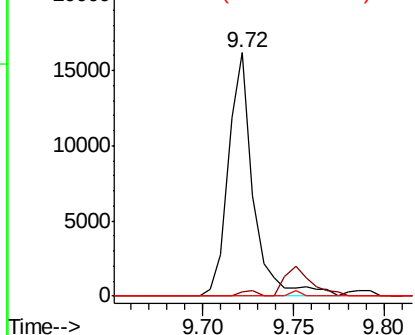


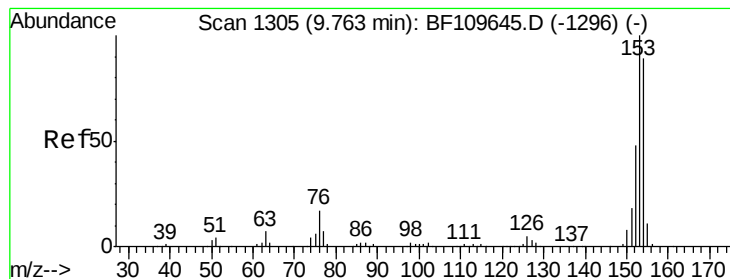
#50
2,6-Dinitrotoluene
Concen: 8.029 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

Tgt Ion:165 Resp: 15494
Ion Ratio Lower Upper
165 100
63 2.0 48.9 73.3#
89 0.0 46.6 69.8#



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





#51

Acenaphthene

Concen: 3.522 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF109807.D

Acq: 12 Oct 2018 00:49

Instrument :

BNA_F

ClientSampleId :

DOCUMENTATION-24

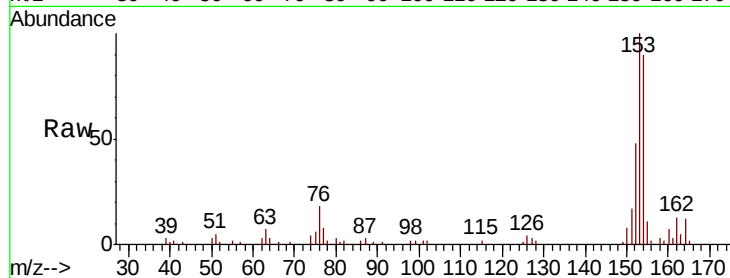
Tgt Ion:154 Resp: 24732

Ion Ratio Lower Upper

154 100

153 111.4 90.1 135.1

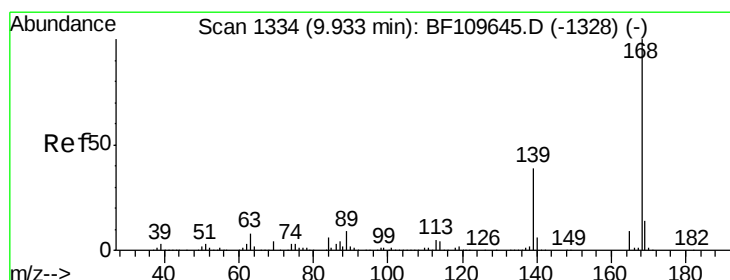
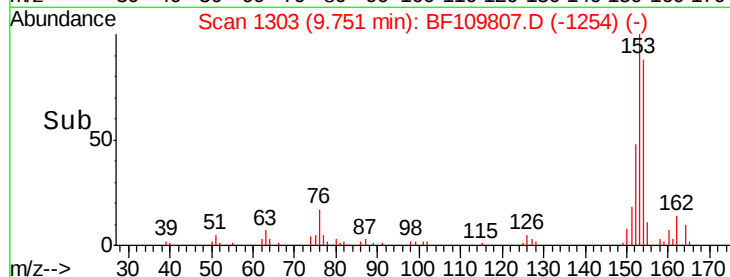
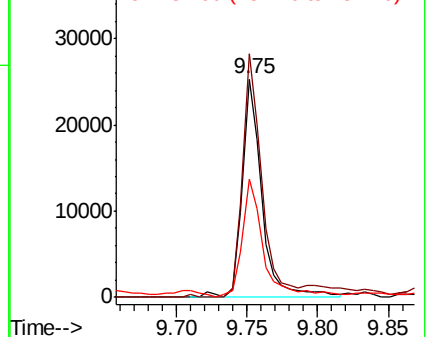
152 53.9 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.156 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF109807.D

Acq: 12 Oct 2018 00:49

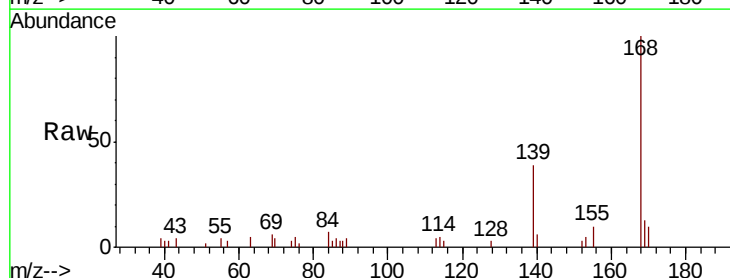
Tgt Ion:168 Resp: 22693

Ion Ratio Lower Upper

168 100

139 38.7 33.0 49.6

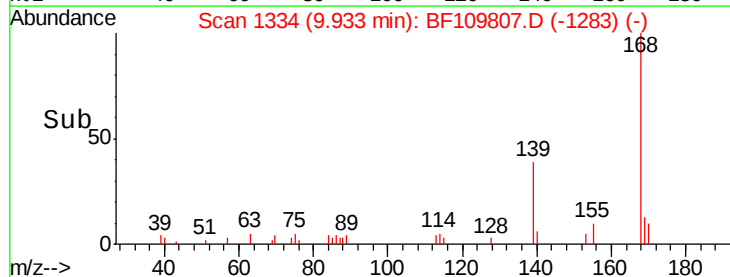
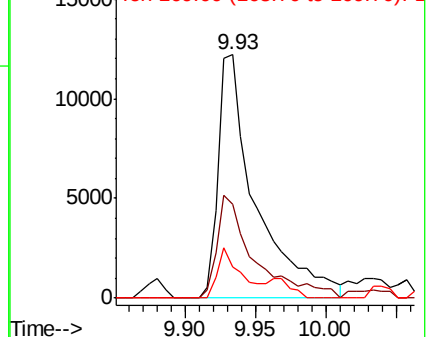
169 12.8 11.3 16.9

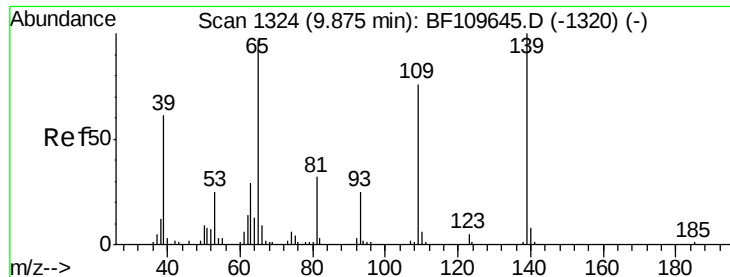


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

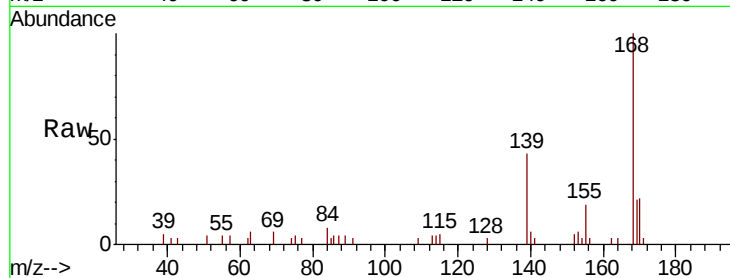




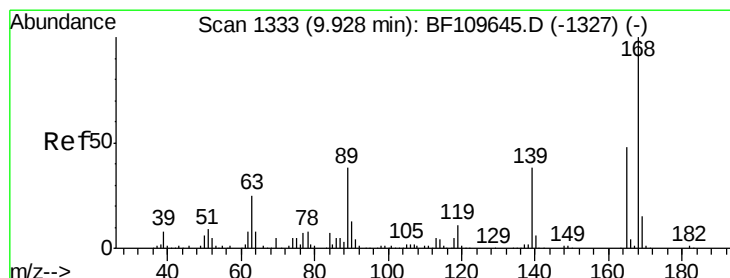
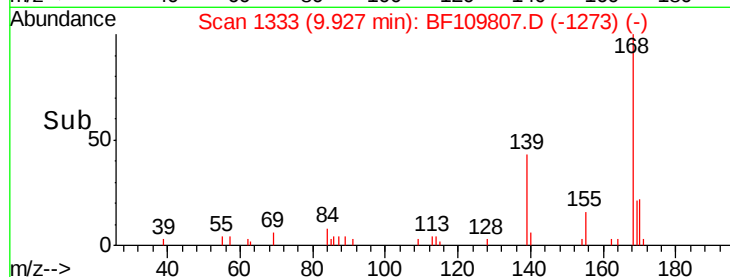
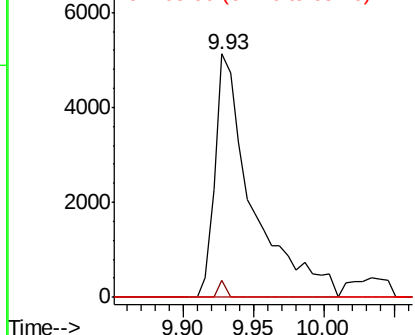
#55
4-Nitrophenol
Concen: 8.003 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.05 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-24

Tgt Ion:139 Resp: 9476
Ion Ratio Lower Upper
139 100
109 7.2 55.8 95.8#
65 0.0 77.9 117.9#

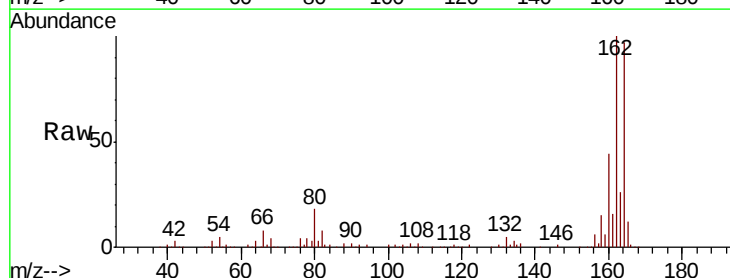


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

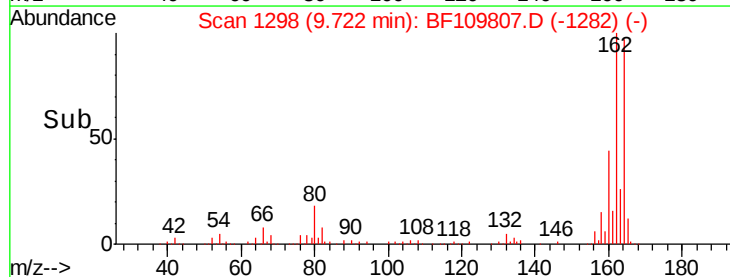
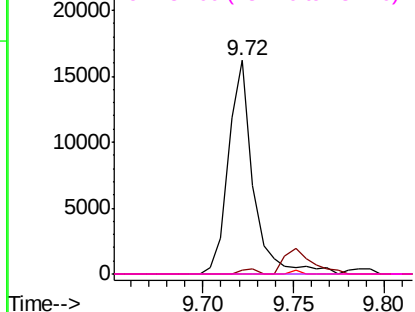


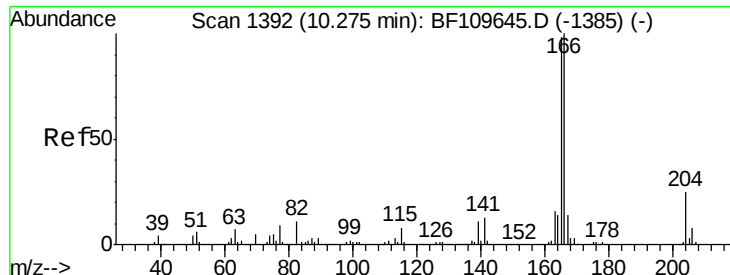
#56
2,4-Dinitrotoluene
Concen: 6.434 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

Tgt Ion:165 Resp: 15494
Ion Ratio Lower Upper
165 100
63 2.0 44.8 67.2#
89 0.0 62.2 93.4#
182 0.0 2.1 3.1#



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
Ion 182.00 (181.70 to 182.70): E

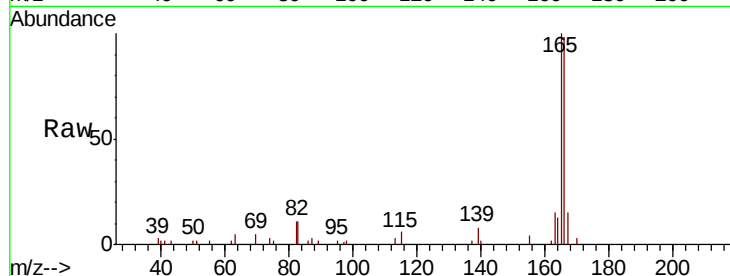




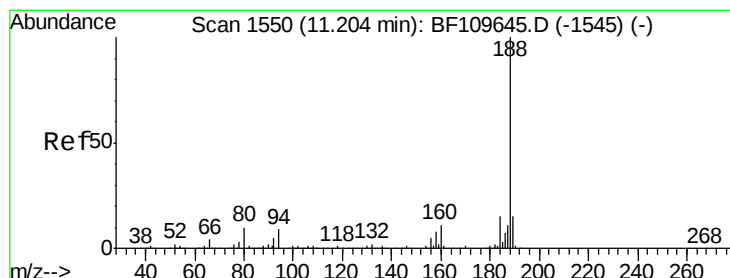
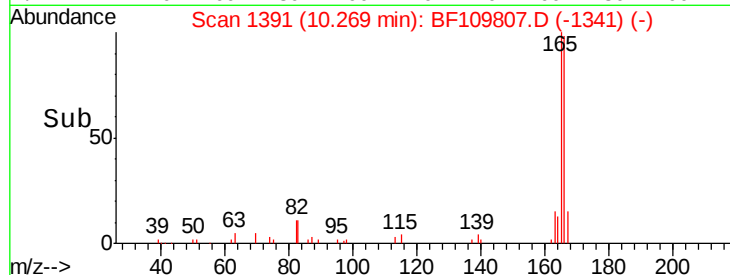
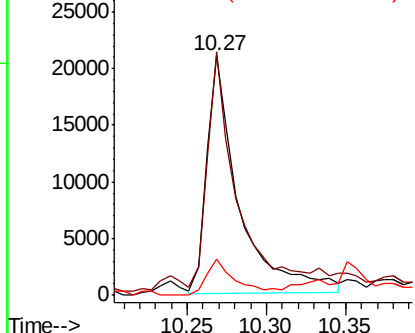
#57
 Fluorene
 Concen: 3.818 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF109807.D
 Acq: 12 Oct 2018 00:49

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-24

Tgt Ion:166 Resp: 30008
 Ion Ratio Lower Upper
 166 100
 165 101.6 78.6 117.8
 167 15.0 10.8 16.2

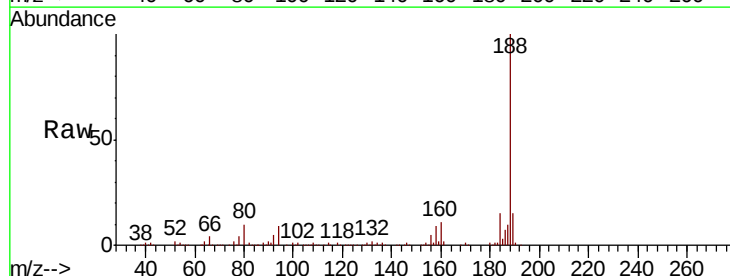


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

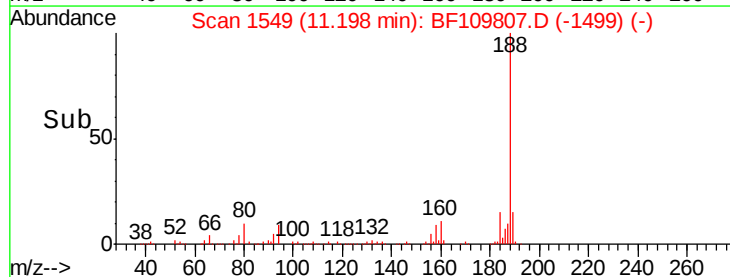
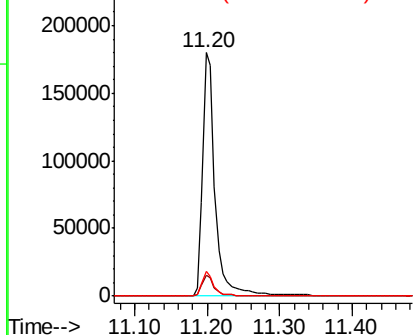


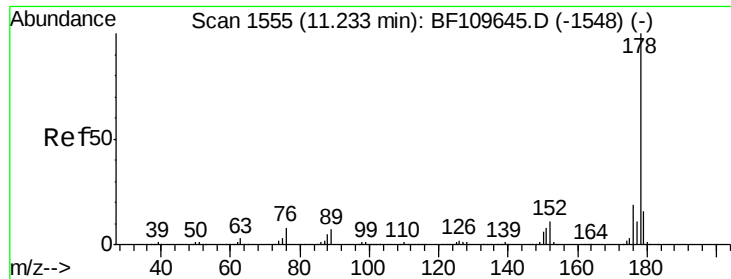
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF109807.D
 Acq: 12 Oct 2018 00:49

Tgt Ion:188 Resp: 217806
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.2 10.8
 80 10.2 7.9 11.9



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

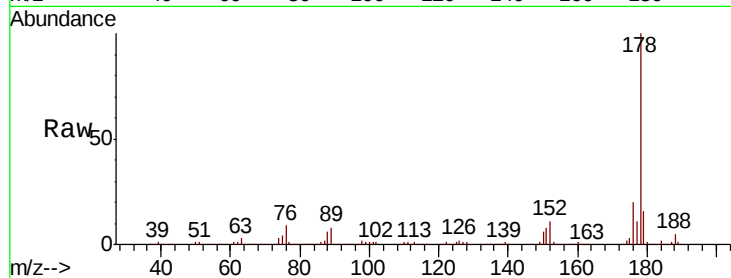




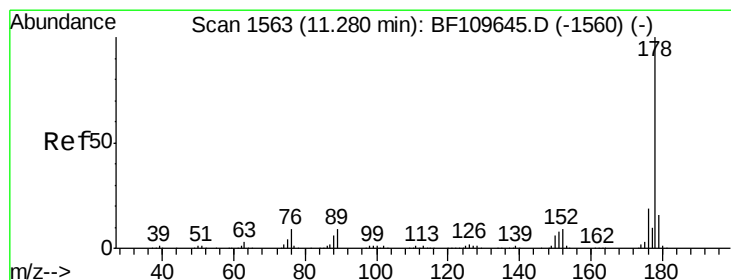
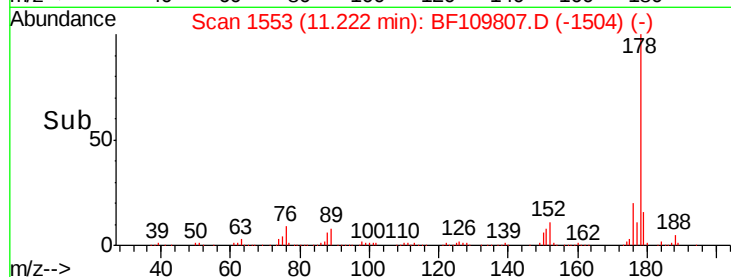
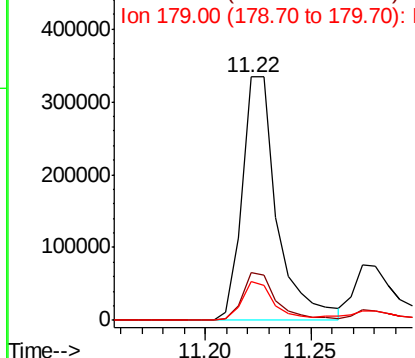
#70
Phenanthrene
Concen: 35.283 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-24

Tgt Ion:178 Resp: 384584
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.7 12.5 18.7

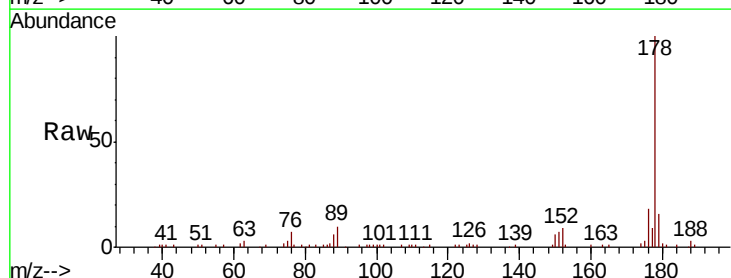


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

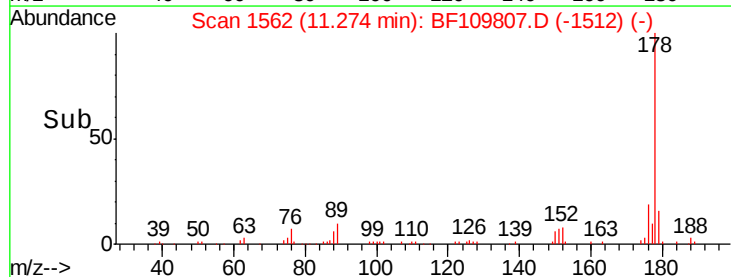
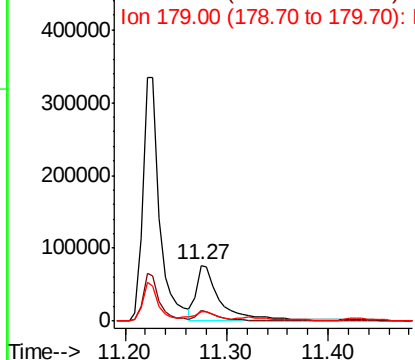


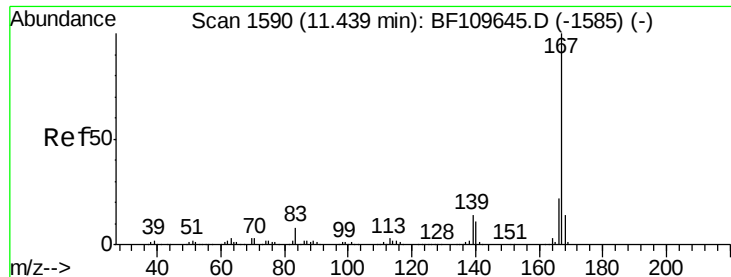
#71
Anthracene
Concen: 10.981 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

Tgt Ion:178 Resp: 123726
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 16.0 12.6 18.8



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

Carbazole

Concen: 3.929 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.01 min

Lab File: BF109807.D

Acq: 12 Oct 2018 00:49

Instrument :

BNA_F

ClientSampleId :

DOCUMENTATION-24

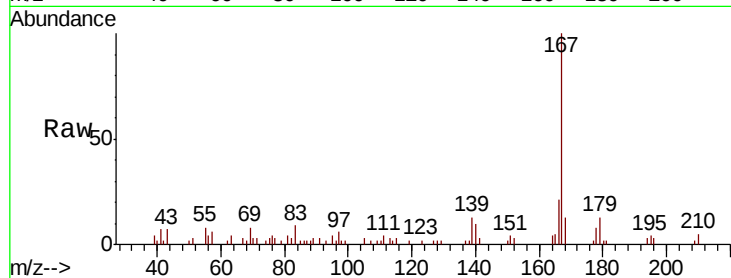
Tgt Ion:167 Resp: 42937

Ion Ratio Lower Upper

167 100

166 20.7 17.4 26.0

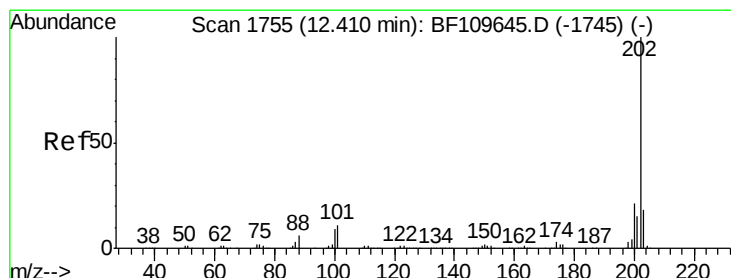
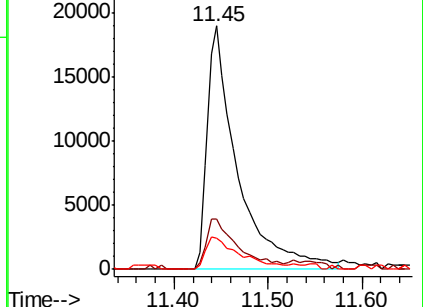
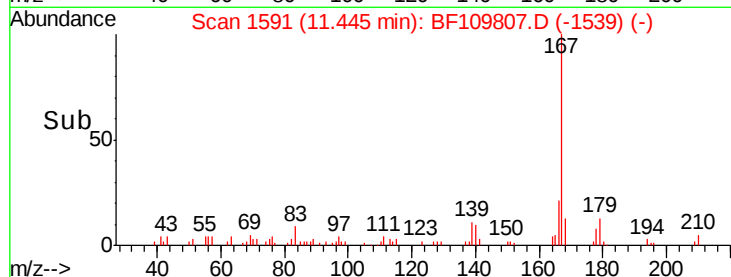
139 12.8 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 49.855 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF109807.D

Acq: 12 Oct 2018 00:49

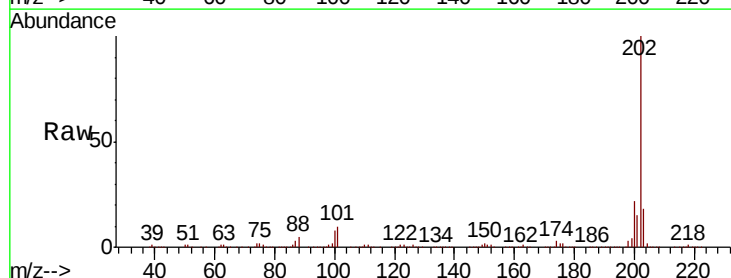
Tgt Ion:202 Resp: 567692

Ion Ratio Lower Upper

202 100

101 9.8 0.0 31.4

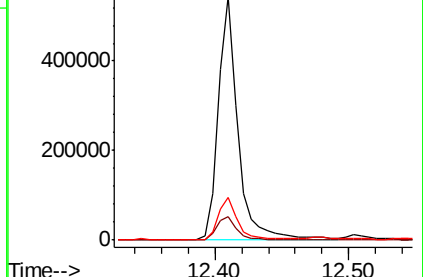
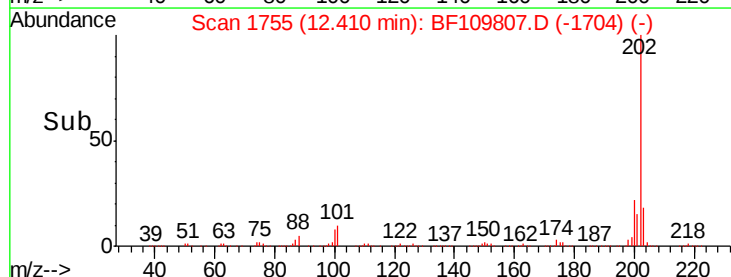
203 17.6 0.0 37.7

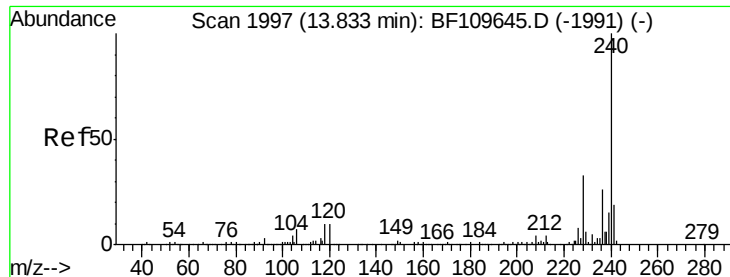


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF109807.D

Acq: 12 Oct 2018 00:49

Instrument :

BNA_F

ClientSampleId :

DOCUMENTATION-24

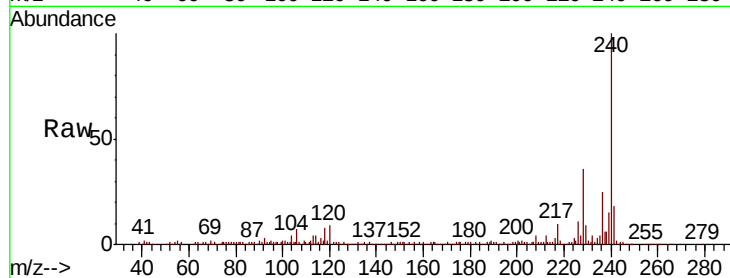
Tgt Ion:240 Resp: 208064

Ion Ratio Lower Upper

240 100

120 9.5 8.3 12.5

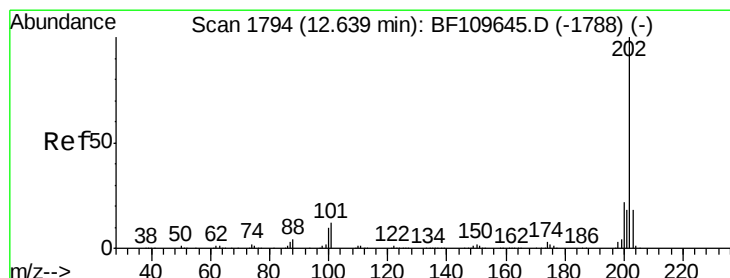
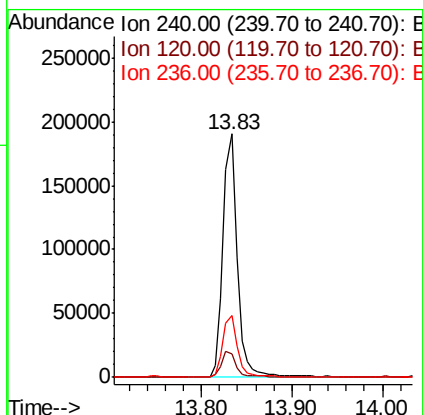
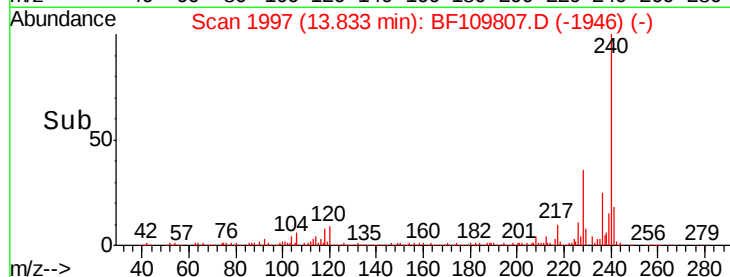
236 25.2 21.2 31.8



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



#77

Pyrene

Concen: 33.106 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF109807.D

Acq: 12 Oct 2018 00:49

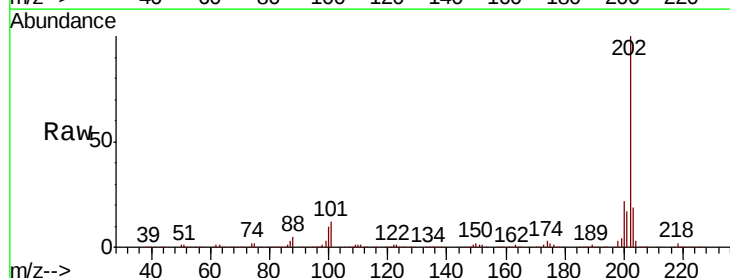
Tgt Ion:202 Resp: 504670

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

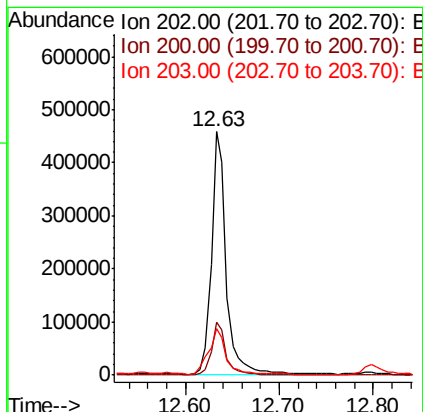
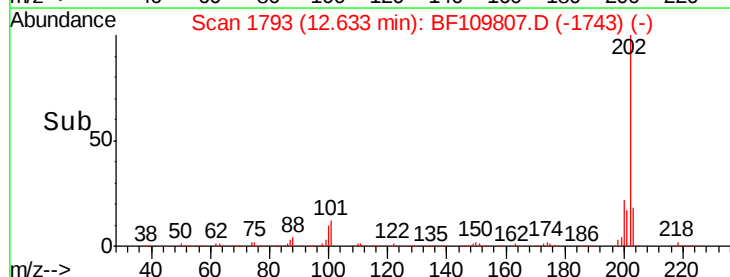
203 18.8 14.2 21.4

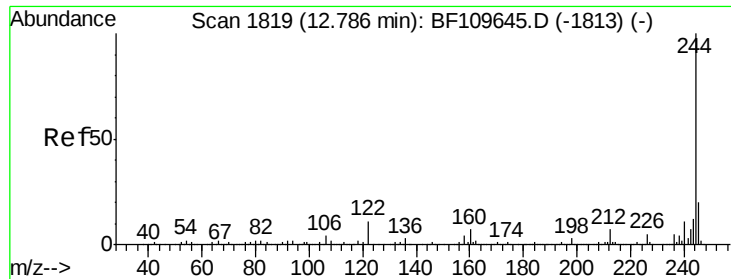


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

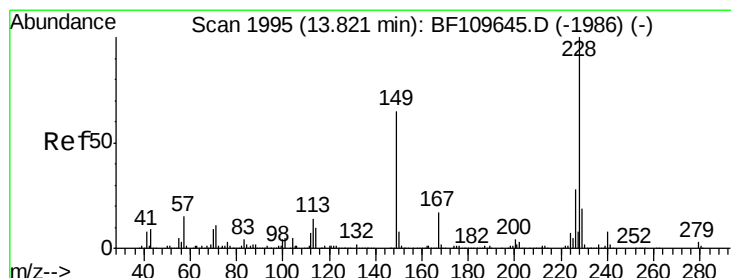
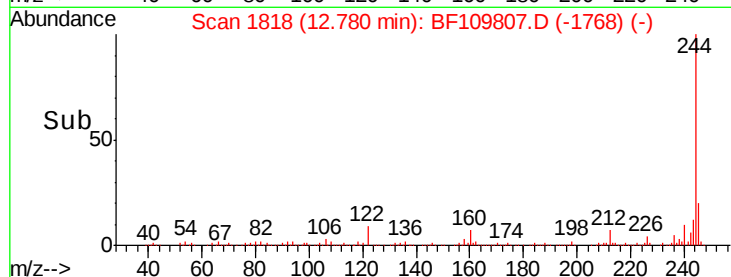
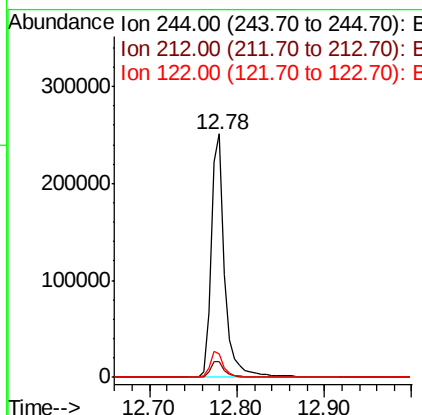
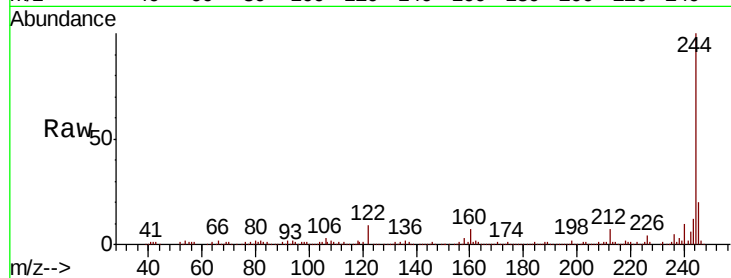




#78
 Terphenyl-d14
 Concen: 24.981 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109807.D
 Acq: 12 Oct 2018 00:49

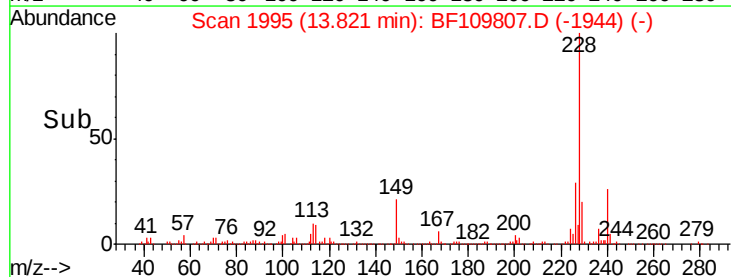
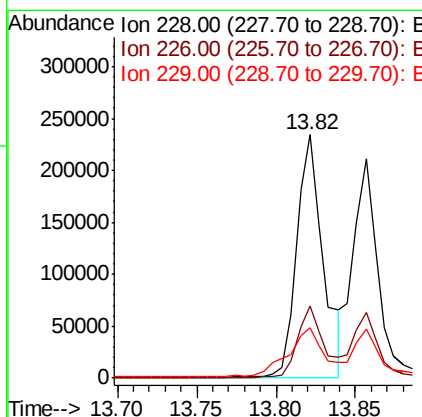
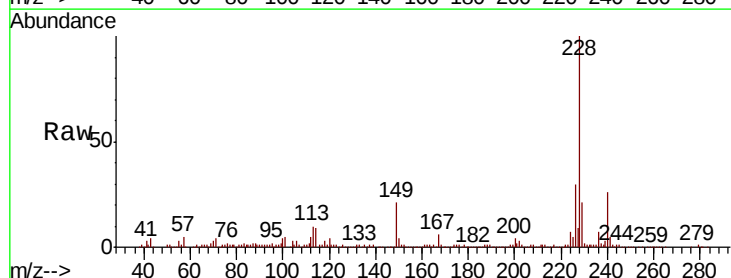
Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-24

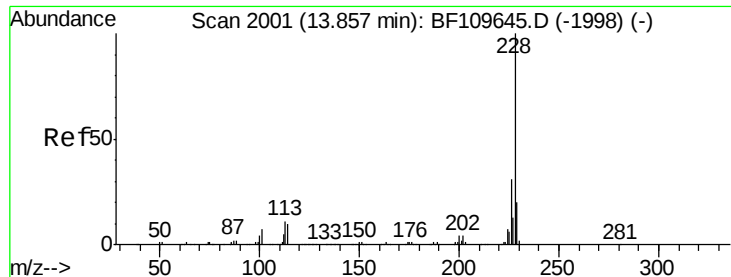
Tgt Ion: 244 Resp: 268495
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 9.4 8.7 13.1



#80
 Benzo(a)anthracene
 Concen: 23.718 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.00 min
 Lab File: BF109807.D
 Acq: 12 Oct 2018 00:49

Tgt Ion: 228 Resp: 272325
 Ion Ratio Lower Upper
 228 100
 226 29.5 22.1 33.1
 229 20.9 15.6 23.4





#82

Chrysene

Concen: 19.348 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF109807.D

Acq: 12 Oct 2018 00:49

Instrument :

BNA_F

ClientSampleId :

DOCUMENTATION-24

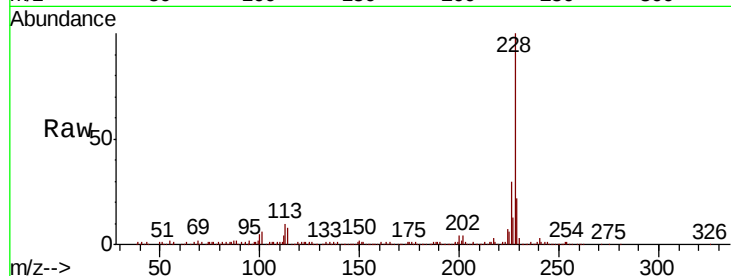
Tgt Ion:228 Resp: 233338

Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

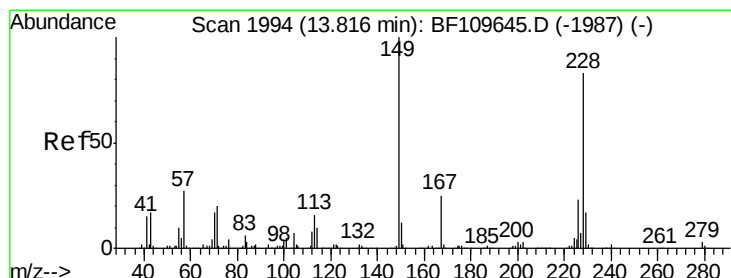
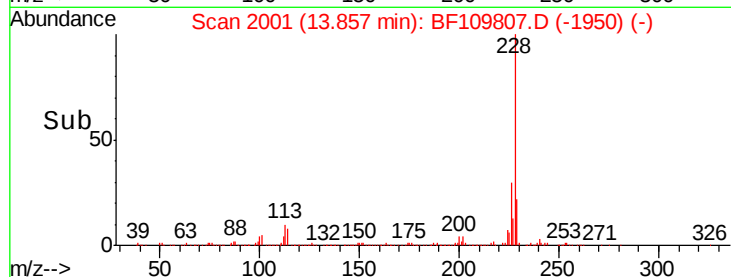
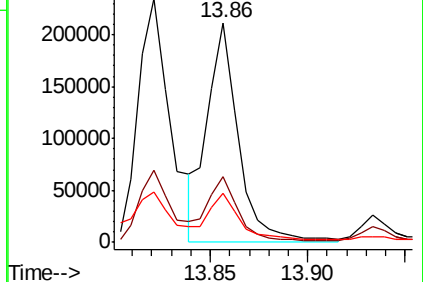
229 22.3 15.9 23.9



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

Bis(2-ethylhexyl)phthalate

Concen: 12.244 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF109807.D

Acq: 12 Oct 2018 00:49

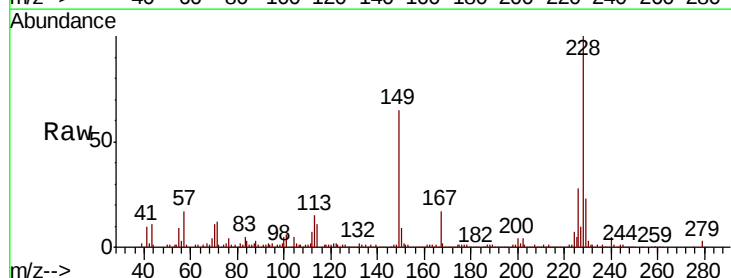
Tgt Ion:149 Resp: 98729

Ion Ratio Lower Upper

149 100

167 26.5 19.8 29.8

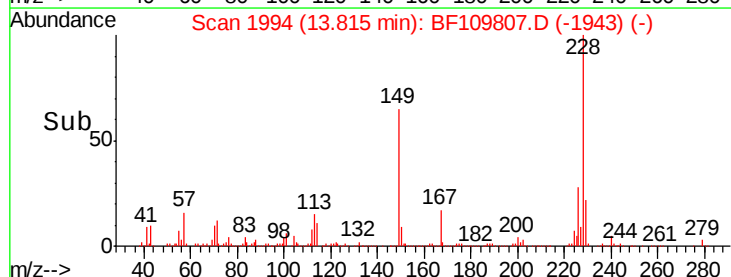
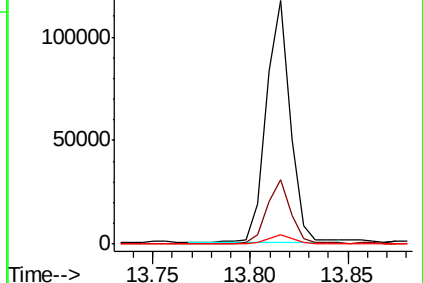
279 3.9 2.7 4.1

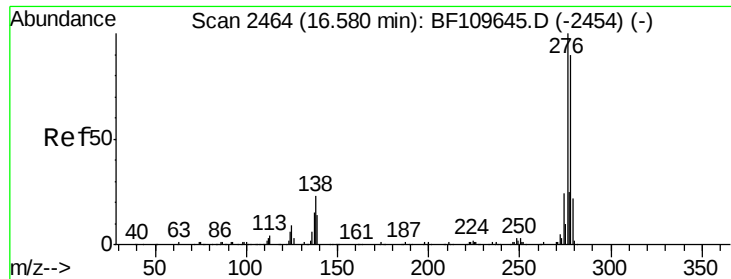


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

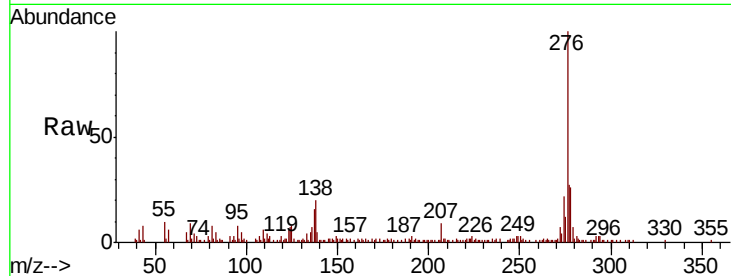




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 9.318 ng
 RT: 16.59 min Scan# 2465
 Delta R.T. 0.01 min
 Lab File: BF109807.D
 Acq: 12 Oct 2018 00:49

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.4	18.5	27.7#
277	22.3	20.0	30.0

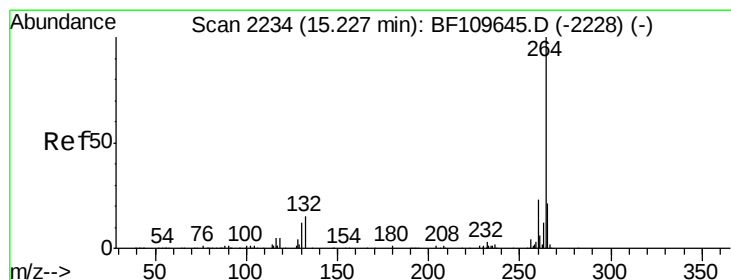
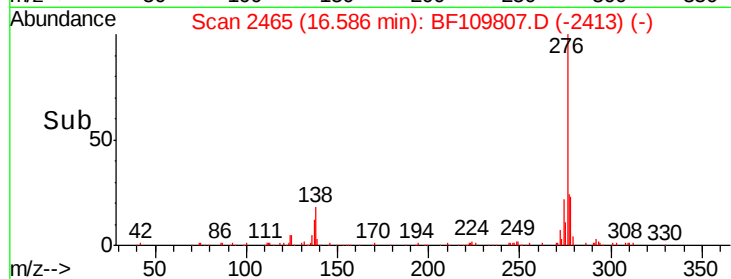
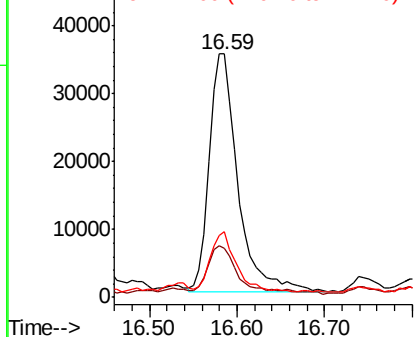


Abundance

Ion 276.00 (275.70 to 276.70): E

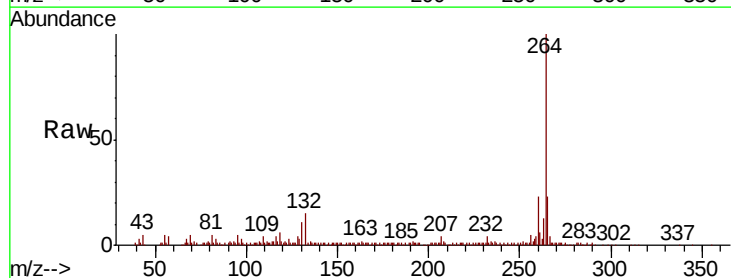
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. 0.01 min
 Lab File: BF109807.D
 Acq: 12 Oct 2018 00:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	22.6	16.7	25.1

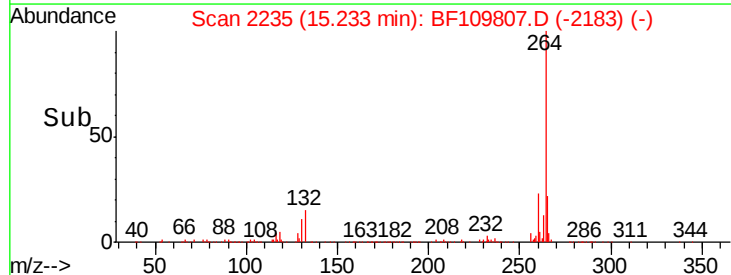
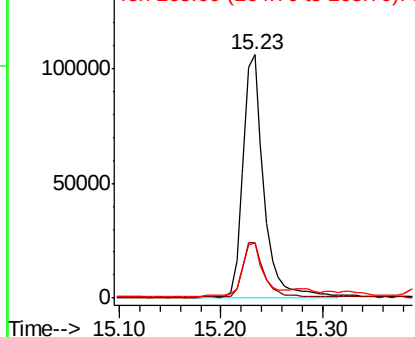


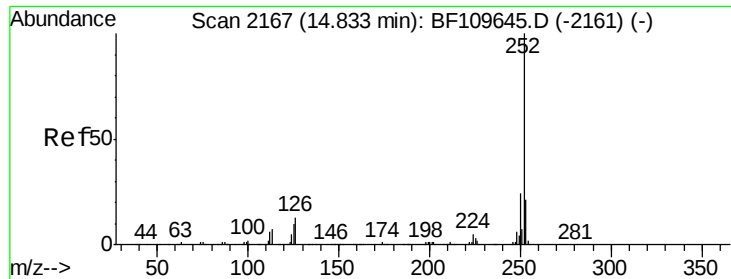
Abundance

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

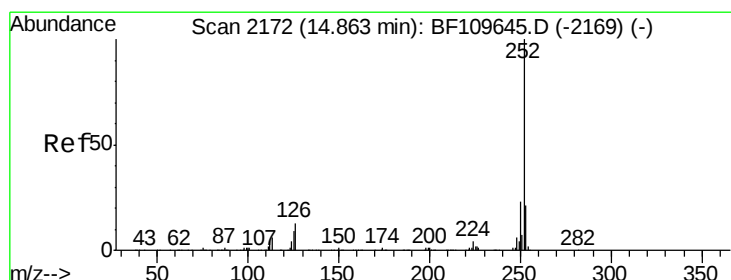
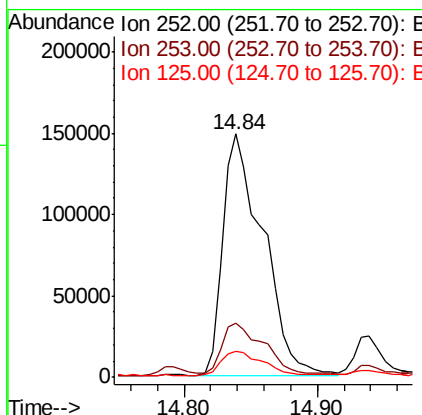
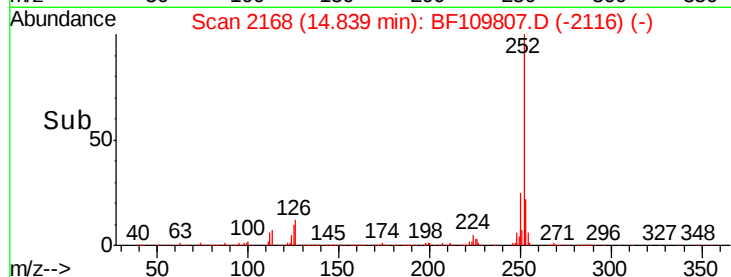
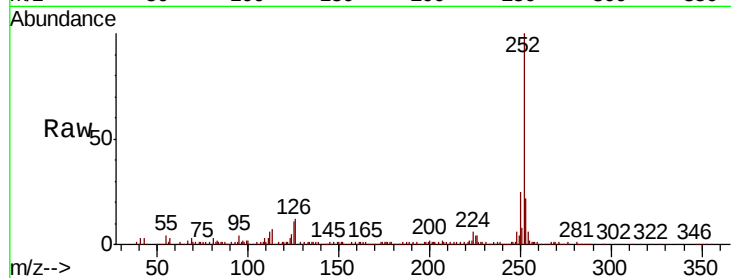




#87
Benzo(b)fluoranthene
Concen: 36.798 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

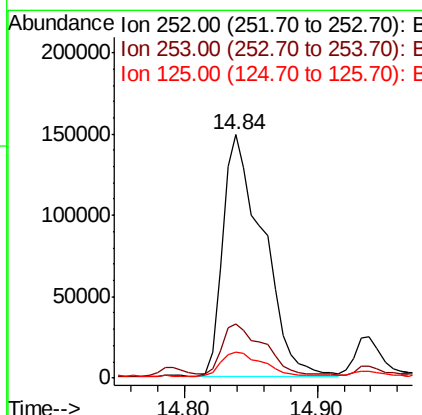
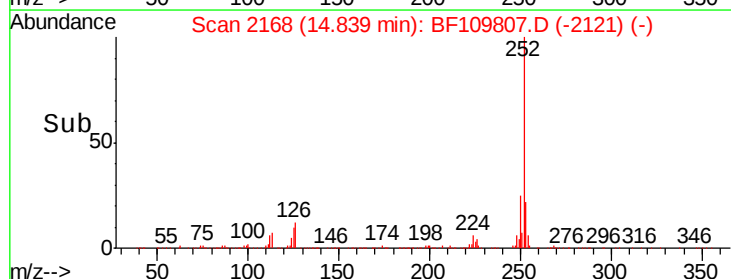
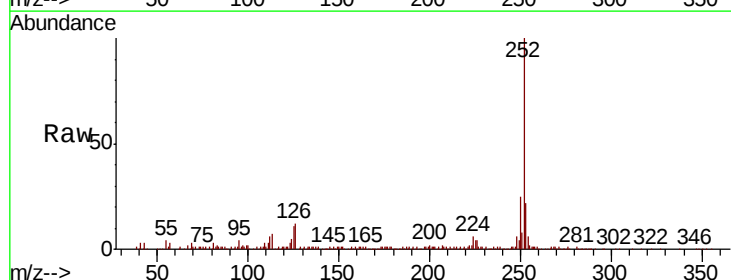
Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-24

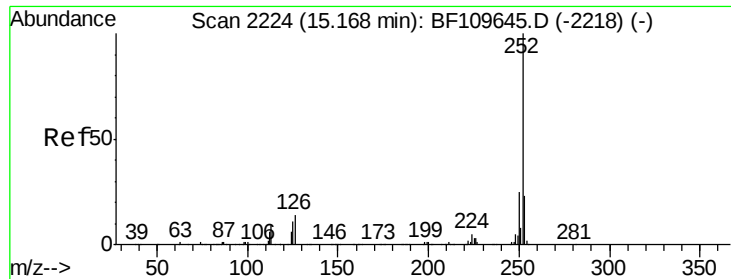
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	10.9	8.2	12.4



#88
Benzo(k)fluoranthene
Concen: 36.624 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	10.9	7.4	11.0





#89

Benzo(a)pyrene

Concen: 20.745 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF109807.D

Acq: 12 Oct 2018 00:49

Instrument :

BNA_F

ClientSampleId :

DOCUMENTATION-24

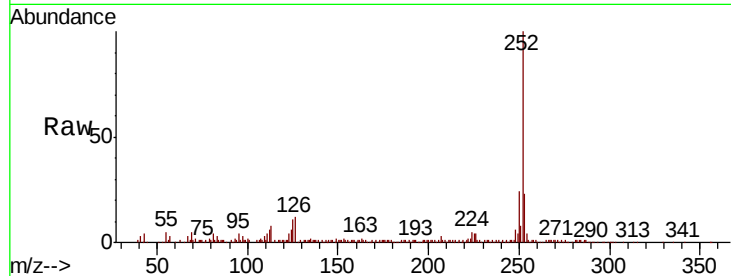
Tgt Ion:252 Resp: 159257

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.4

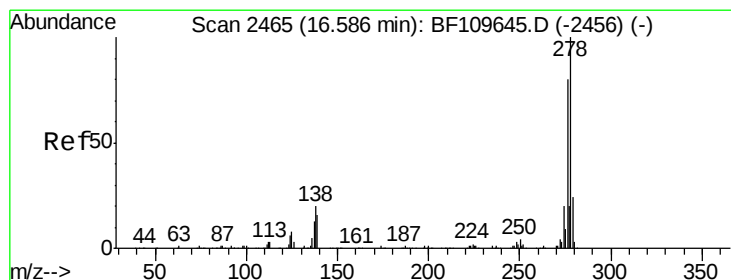
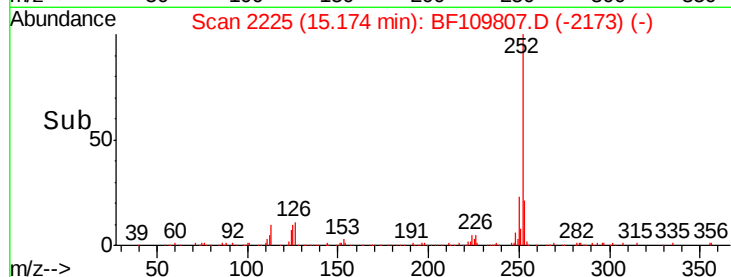
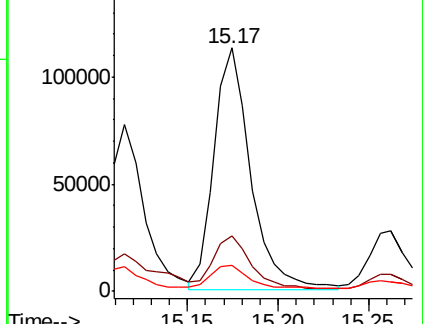
125 10.6 9.0 13.6



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

Dibenzo(a,h)anthracene

Concen: 3.419 ng

RT: 16.59 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BF109807.D

Acq: 12 Oct 2018 00:49

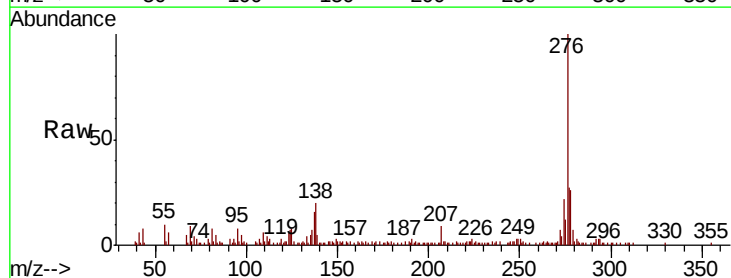
Tgt Ion:278 Resp: 21558

Ion Ratio Lower Upper

278 100

139 20.2 12.7 19.1#

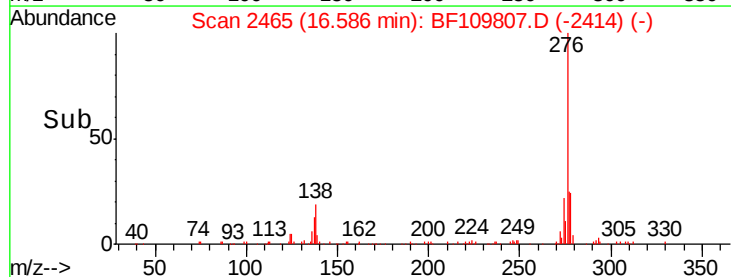
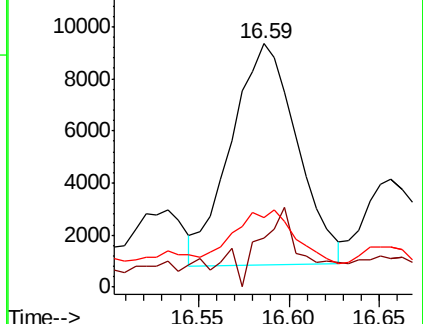
279 28.7 19.0 28.4#

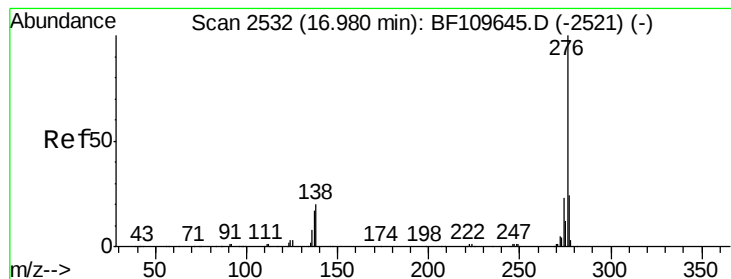


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 12.383 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF109807.D

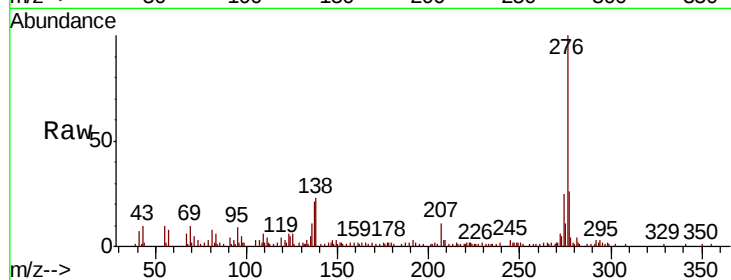
Acq: 12 Oct 2018 00:49

Instrument :

BNA_F

ClientSampleId :

DOCUMENTATION-24



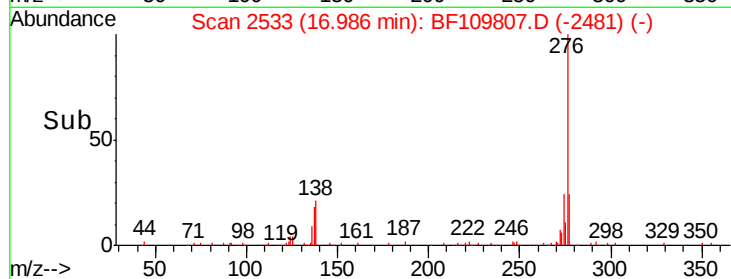
Tgt Ion: 276 Resp: 77965

Ion Ratio Lower Upper

276 100

277 26.1 18.8 28.2

138 22.8 16.0 24.0



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

