

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090920\
 Data File : BF121545.D
 Acq On : 9 Sep 2020 13:31
 Operator : JU/CG
 Sample : L3915-13DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-PM-A2-10-14-CDL

Quant Time: Sep 09 13:55:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 17:52:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	306669	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1101799	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	576717	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1130895	20.00	ng	0.00
76) Chrysene-d12	14.00	240	923149	20.00	ng	-0.02
86) Perylene-d12	15.46	264	801592	20.00	ng	-0.02

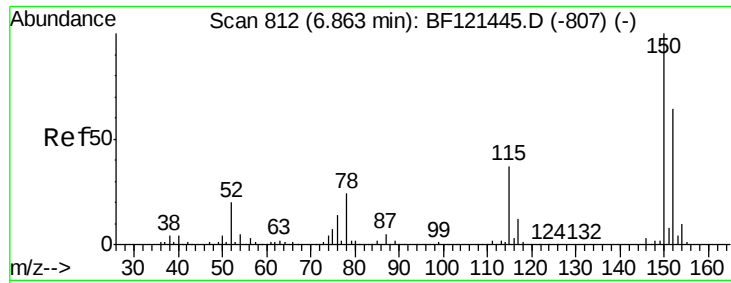
System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	323846	17.72	ng	-0.02
7) Phenol-d6	6.46	99	438690	17.17	ng	-0.02
23) Nitrobenzene-d5	7.40	82	292146	18.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	122962	21.11	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	507063	14.19	ng	-0.01
79) Terphenyl-d14	12.94	244	543122	12.38	ng	-0.01

Target Compounds

					Qvalue	
9) Benzaldehyde	6.40	77	4471	Below Cal	#	1
18) Hexachloroethane	7.37	117	83292	10.872 ng	#	1
26) 2-Nitrophenol	7.75	139	5054	5.736 ng	#	1
31) Naphthalene	8.15	128	669800	12.245 ng	#	96
32) Benzoic acid	7.92	122	8568	7.825 ng	#	26
35) Caprolactam	8.59	113	11180	2.309 ng	#	1
37) 2-Methylnaphthalene	8.84	142	477133	13.165 ng		99
38) 1-Methylnaphthalene	8.94	142	1136478	33.210 ng		100
48) 2-Nitroaniline	9.40	65	7092	7.256 ng	#	55
51) 2,6-Dinitrotoluene	9.65	165	5761	7.091 ng	#	1
52) Acenaphthene	9.91	154	174210	5.142 ng		94
53) 3-Nitroaniline	9.83	138	10268	6.414 ng	#	26
56) 4-Nitrophenol	9.99	139	80922	17.397 ng	#	52
57) 2,4-Dinitrotoluene	10.09	165	52883	12.185 ng	#	52
58) Fluorene	10.43	166	303651	8.185 ng	#	94
62) 4-Nitroaniline	10.50	138	6995	5.190 ng		86
65) 4,6-Dinitro-2-methylphenol	10.70	198	40140	21.408 ng		80
66) n-Nitrosodiphenylamine	10.54	169	453971	12.692 ng	#	52
71) Phenanthrene	11.39	178	1497938	25.811 ng		98
72) Anthracene	11.39	178	1497938	26.243 ng		99
75) Fluoranthene	12.58	202	814746	13.026 ng		98
78) Pyrene	12.80	202	769742	11.675 ng		98
81) Benzo(a)anthracene	13.99	228	246692	4.378 ng		98
83) Chrysene	14.02	228	229963	4.079 ng		96
87) Indeno(1,2,3-cd)pyrene	16.89	276	121624	2.466 ng		96
88) Benzo(b)fluoranthene	15.03	252	363164	6.965 ng	#	97
89) Benzo(k)fluoranthene	15.03	252	363164	7.488 ng		98
90) Benzo(a)pyrene	15.39	252	151171	3.224 ng	#	97
92) Benzo(g,h,i)perylene	17.33	276	147480	3.792 ng		99

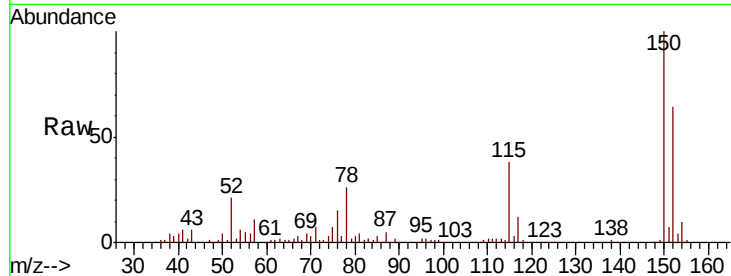
(#) = qualifier out of range (m) = manual integration (+) = signals summed



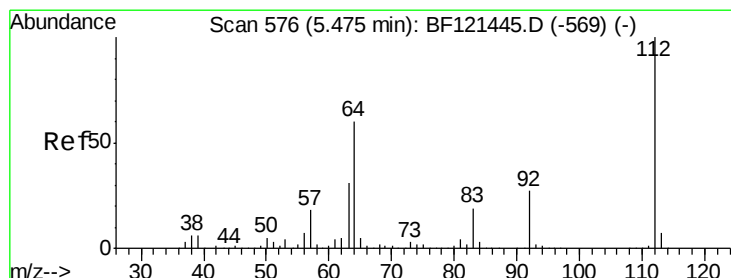
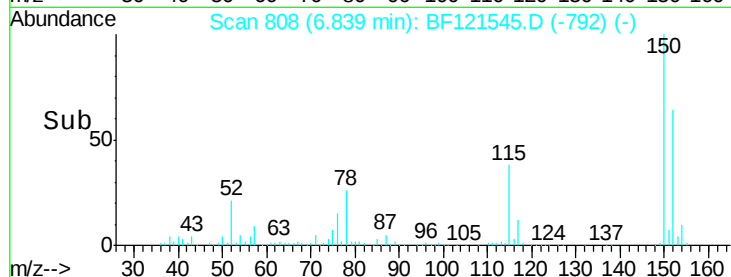
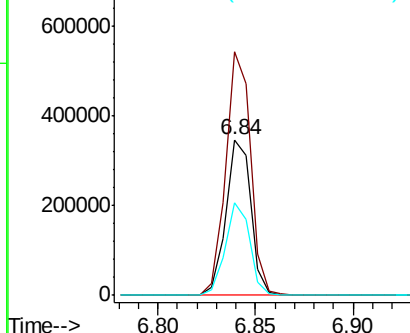
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF121545.D
 Acq: 9 Sep 2020 13:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-PM-A2-10-14-CDL

Tot Ion:152 Resp: 306669
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.1 189.1
 115 59.9 48.4 72.6

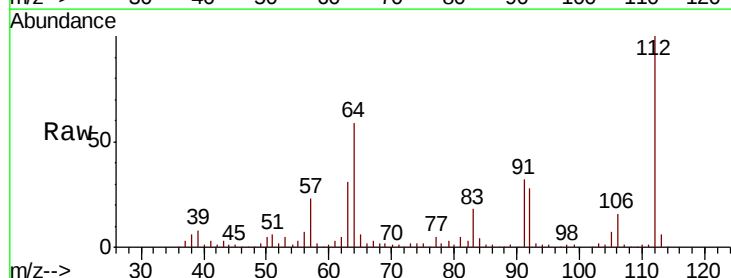


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

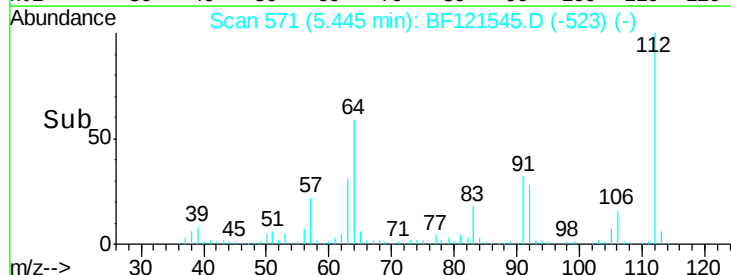
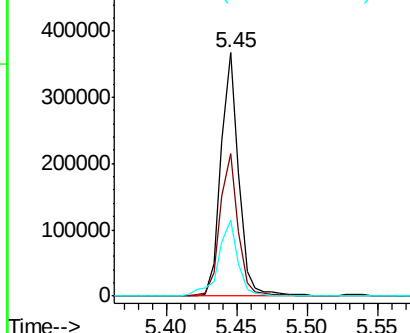


#5
 2-Fluorophenol
 Concen: 17.717 ng
 RT: 5.45 min Scan# 571
 Delta R.T. -0.02 min
 Lab File: BF121545.D
 Acq: 9 Sep 2020 13:31

Tgt Ion:112 Resp: 323846
 Ion Ratio Lower Upper
 112 100
 64 58.7 46.0 69.0
 63 31.2 23.4 35.2



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: 17.174 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF121545.D

Acq: 9 Sep 2020 13:31

Instrument :

BNA_F

ClientSampleId :

WC-PM-A2-10-14-CDL

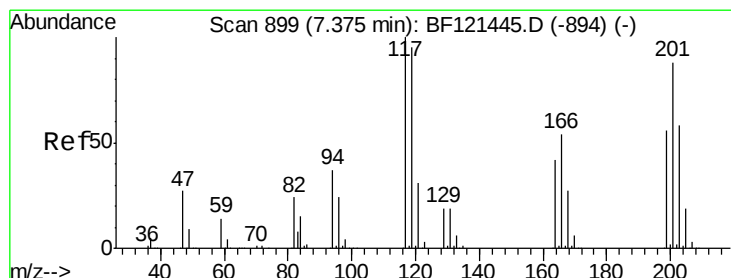
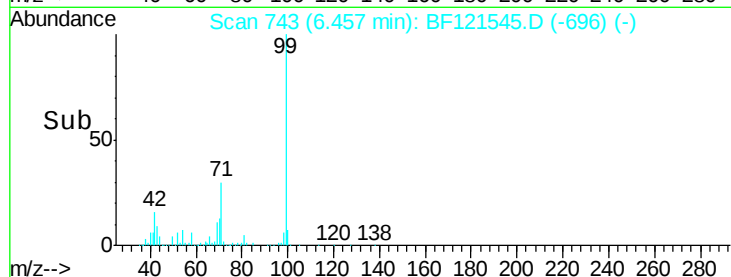
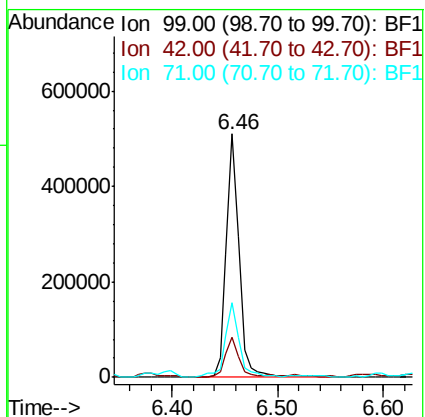
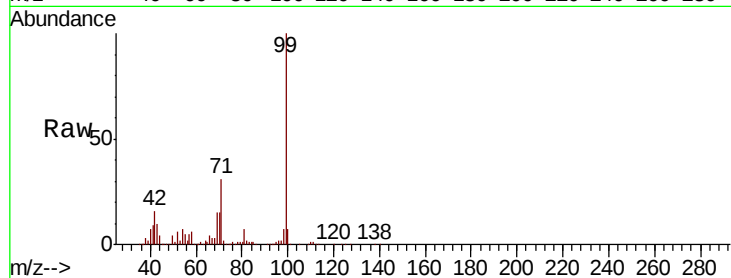
Tot Ion: 99 Resp: 438690

Ion Ratio Lower Upper

99 100

42 16.4 13.0 19.4

71 30.6 24.8 37.2



#18

Hexachloroethane

Concen: 10.872 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.01 min

Lab File: BF121545.D

Acq: 9 Sep 2020 13:31

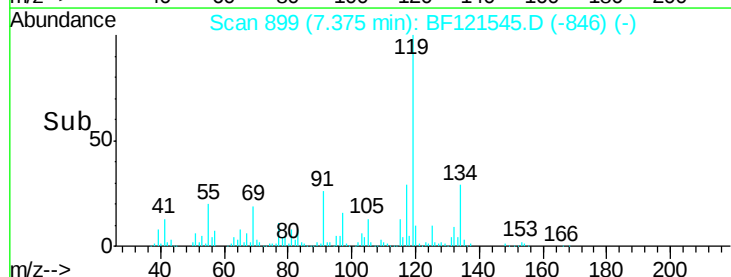
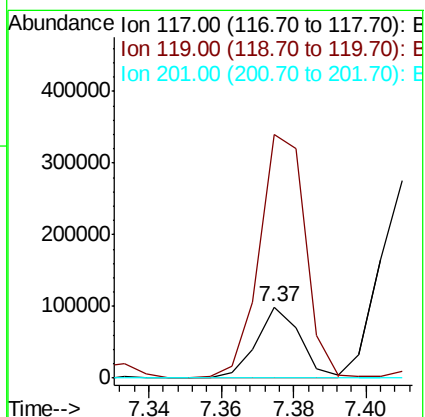
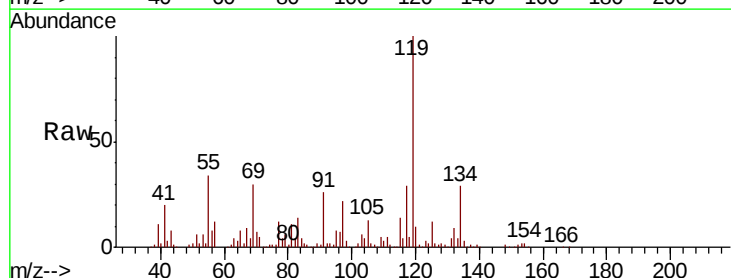
Tgt Ion: 117 Resp: 83292

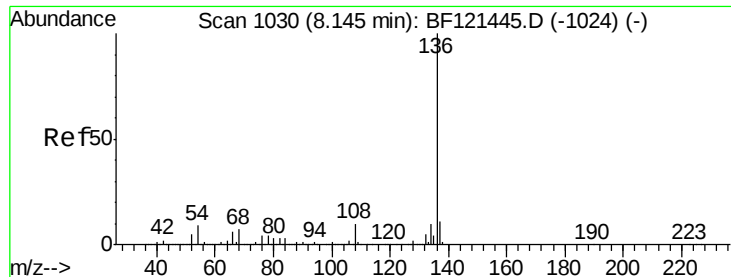
Ion Ratio Lower Upper

117 100

119 341.8 77.0 115.4#

201 0.0 82.5 123.7#

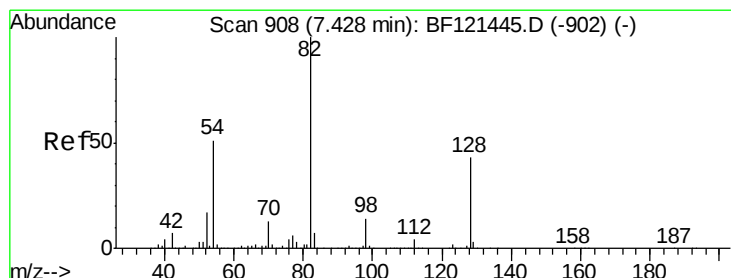
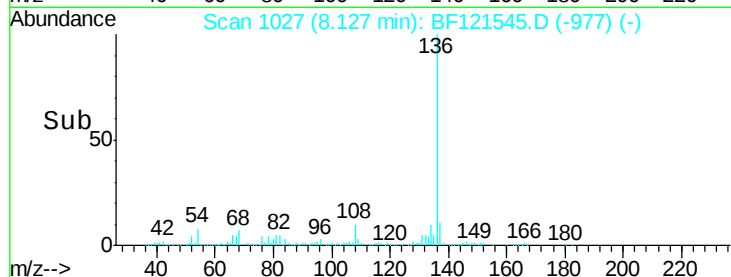
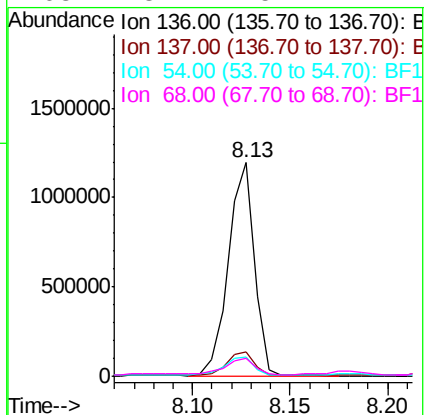
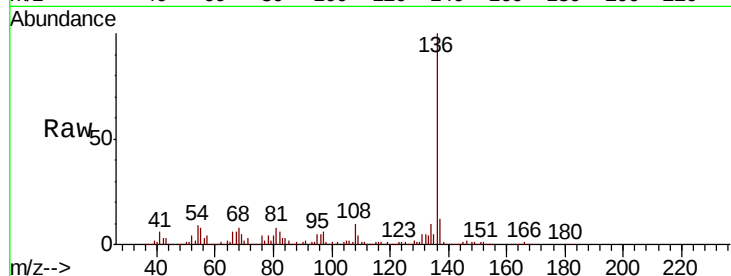




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF121545.D
Acq: 9 Sep 2020 13:31

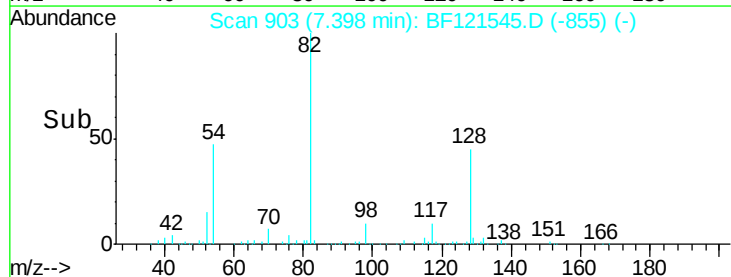
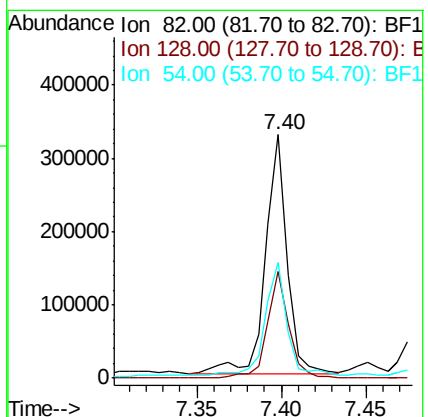
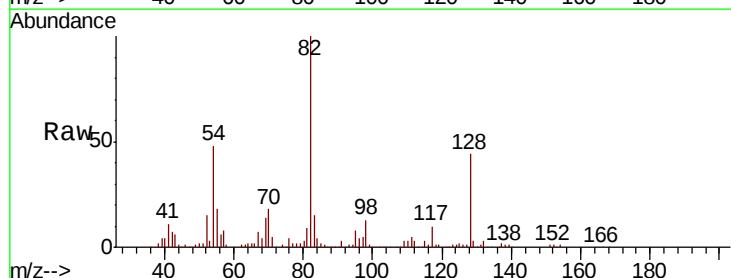
Instrument :
BNA_F
ClientSampleId :
WC-PM-A2-10-14-CDL

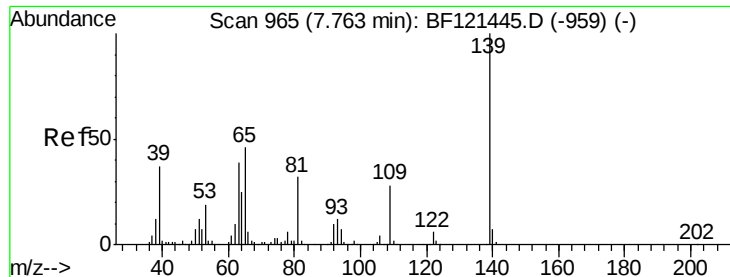
Tot Ion:136	Resp: 1101799
Ion Ratio	Lower Upper
136 100	
137 11.6	8.9 13.3
54 8.9	6.2 9.4
68 8.1	5.1 7.7#



#23
Nitrobenzene-d5
Concen: 18.127 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF121545.D
Acq: 9 Sep 2020 13:31

Tgt	Ion: 82	Resp:	292146
Ion	Ratio	Lower	Upper
82	100		
128	43.7	37.3	55.9
54	47.5	39.0	58.6

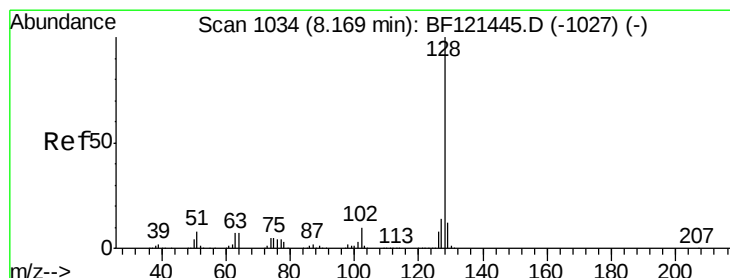
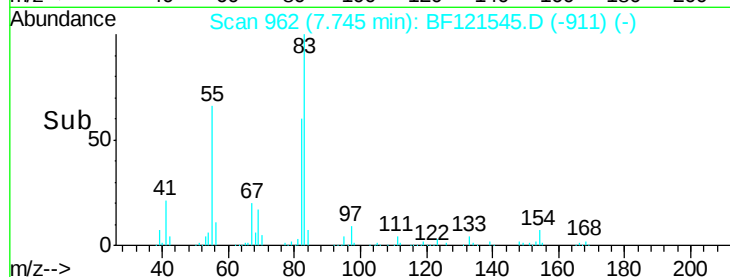
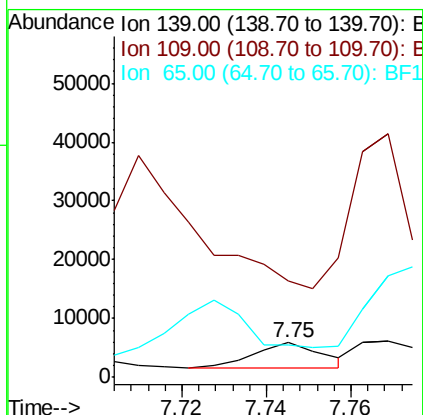
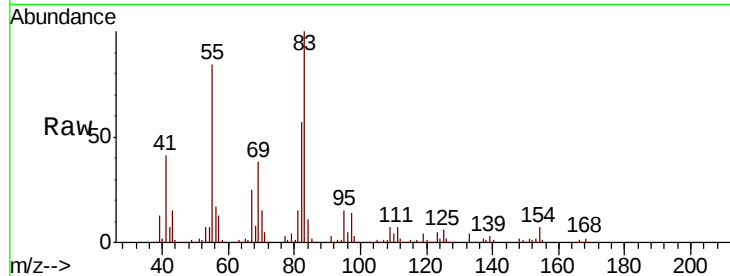




#26
2-Nitrophenol
Concen: 5.736 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF121545.D
Acq: 9 Sep 2020 13:31

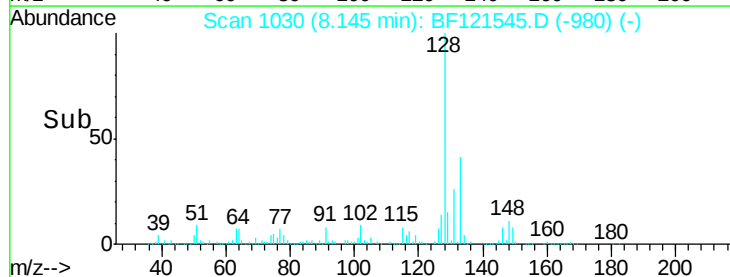
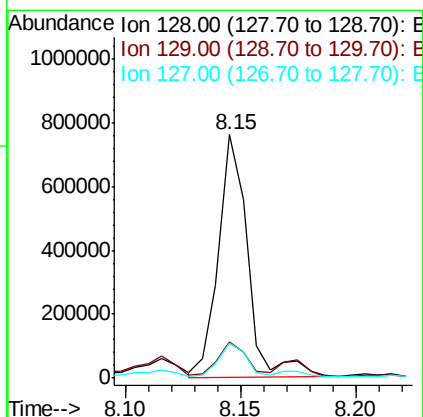
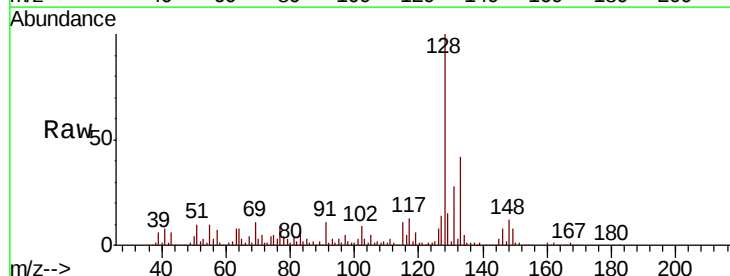
Instrument :
BNA_F
ClientSampleId :
WC-PM-A2-10-14-CDL

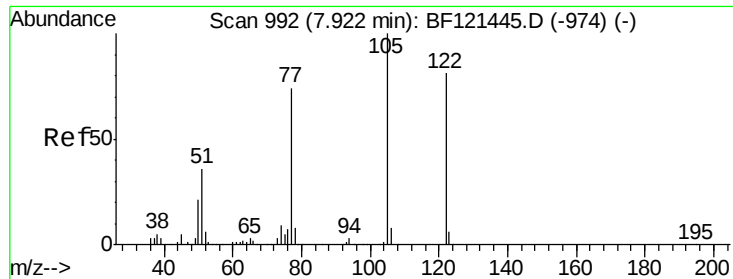
Tot Ion	Ratio	Lower	Upper
139	100		
109	275.9	22.0	33.0#
65	91.7	39.3	58.9#



#31
Naphthalene
Concen: 12.245 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF121545.D
Acq: 9 Sep 2020 13:31

Tgt Ion	Ratio	Lower	Upper
128	100		
129	15.0	9.7	14.5#
127	14.4	11.1	16.7

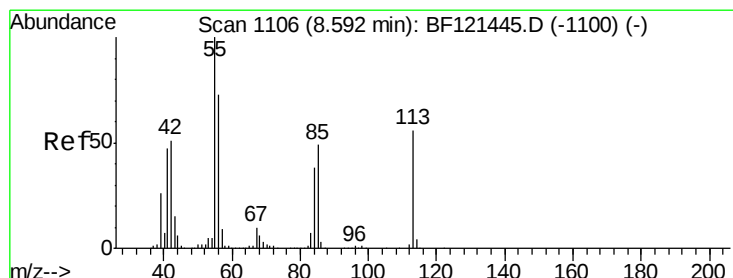
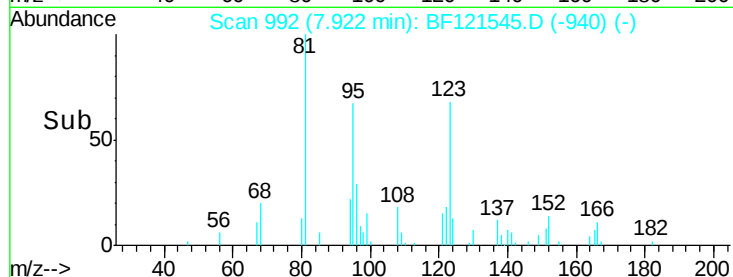
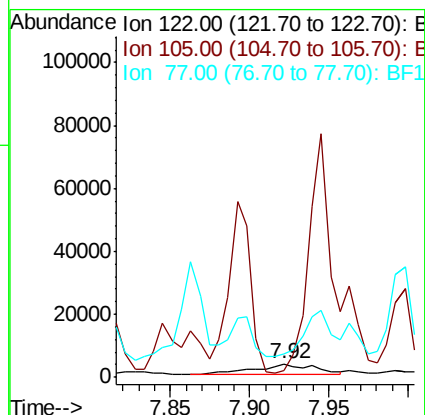
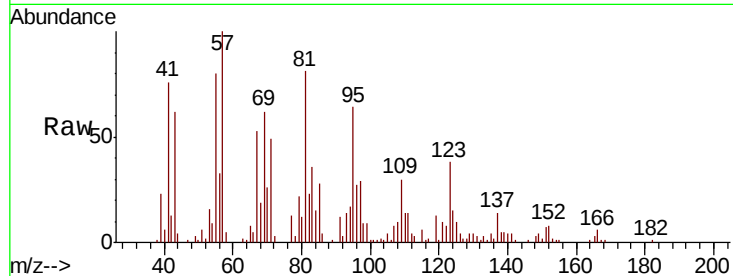




#32
Benzoic acid
Concen: 7.825 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF121545.D
Acq: 9 Sep 2020 13:31

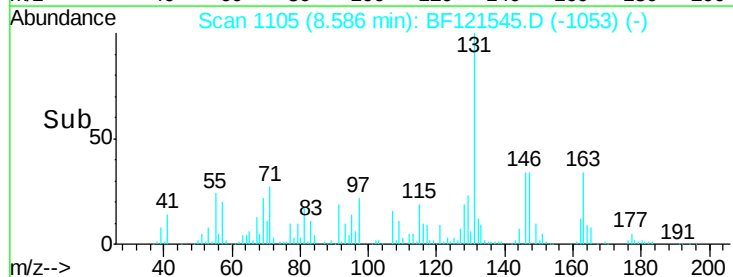
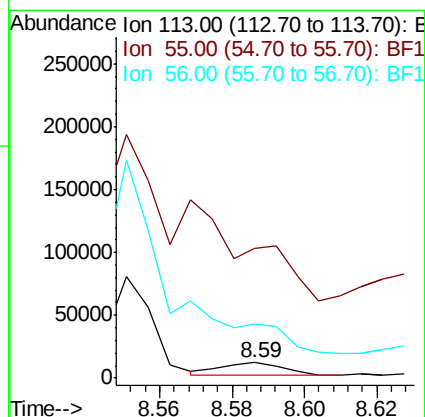
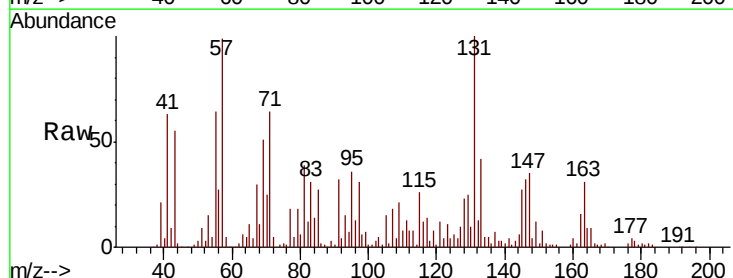
Instrument :
BNA_F
ClientSampleId :
WC-PM-A2-10-14-CDL

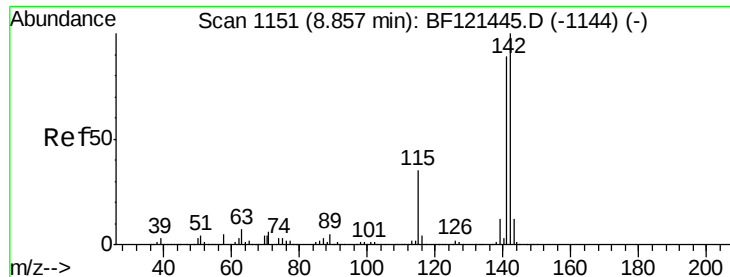
Tot Ion:122 Resp: 8568
Ion Ratio Lower Upper
122 100
105 46.4 102.2 142.2#
77 167.4 69.8 109.8#



#35
Caprolactam
Concen: 2.309 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF121545.D
Acq: 9 Sep 2020 13:31

Tgt Ion:113 Resp: 11180
Ion Ratio Lower Upper
113 100
55 846.6 149.1 189.1#
56 355.7 104.4 144.4#

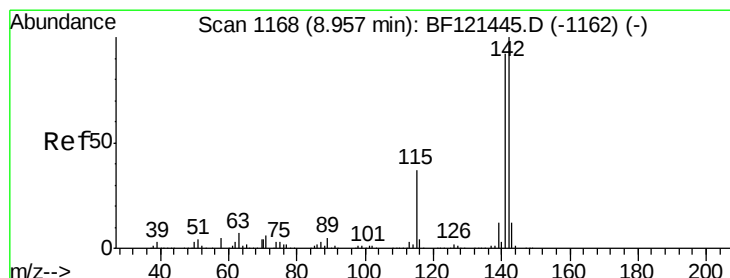
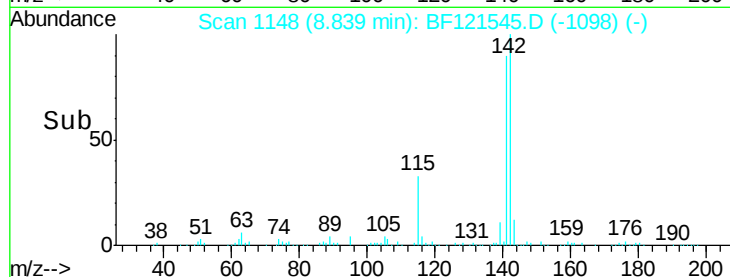
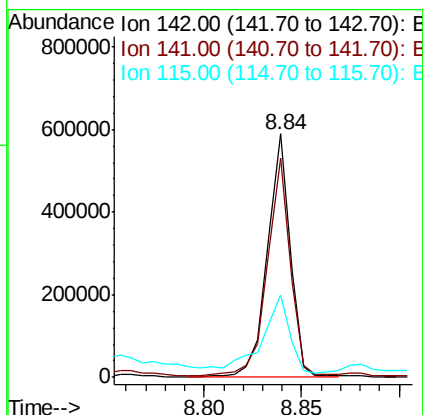
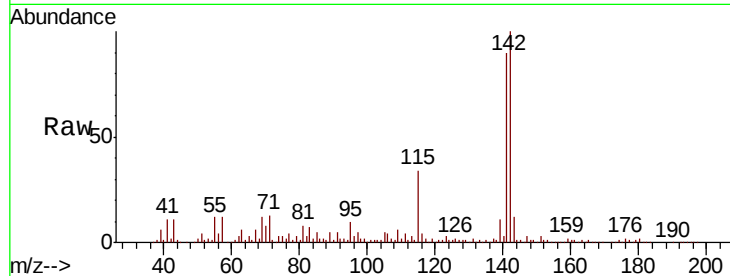




#37
 2-Methylnaphthalene
 Concen: 13.165 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF121545.D
 Acq: 9 Sep 2020 13:31

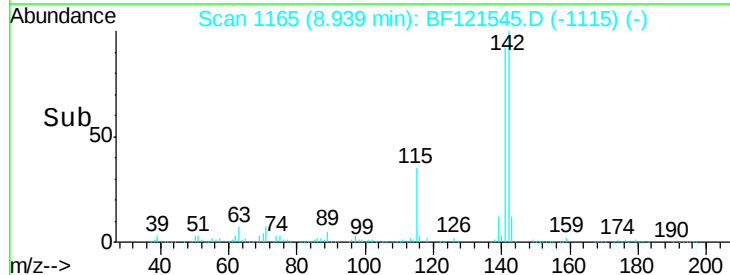
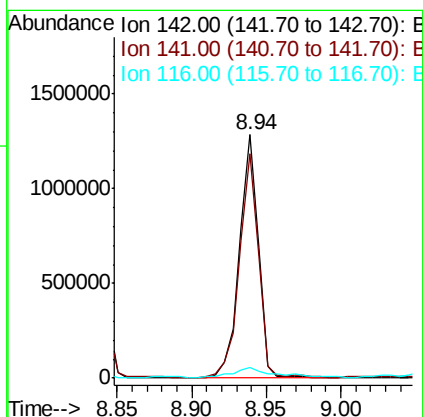
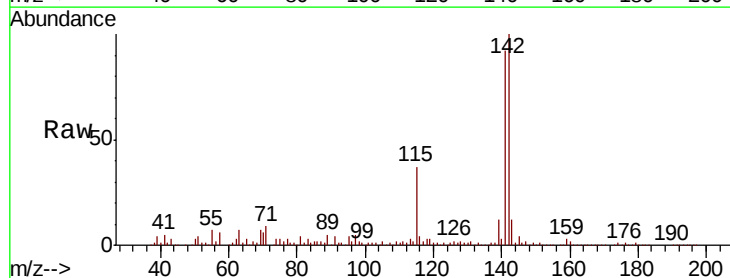
Instrument :
 BNA_F
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 WC-PM-A2-10-14-CDL

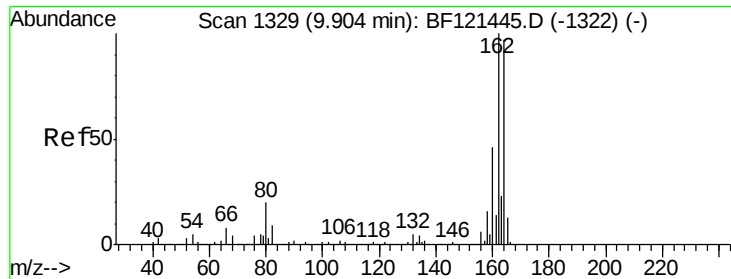
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.9	107.9
115	33.8	27.7	41.5



#38
 1-Methylnaphthalene
 Concen: 33.210 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF121545.D
 Acq: 9 Sep 2020 13:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.7	110.5
116	4.3	3.0	4.4

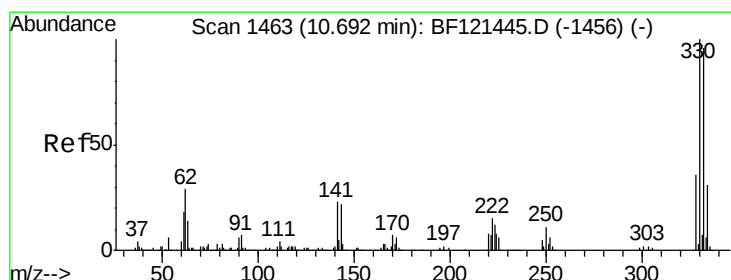
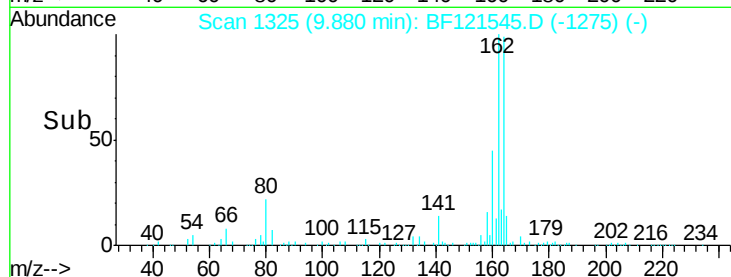
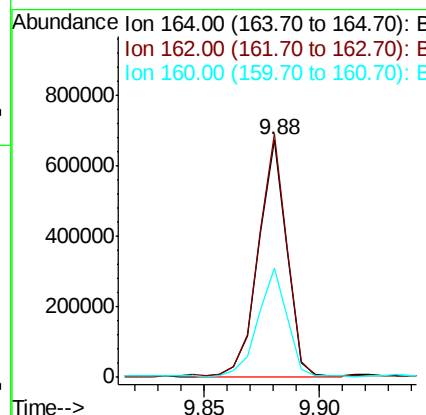
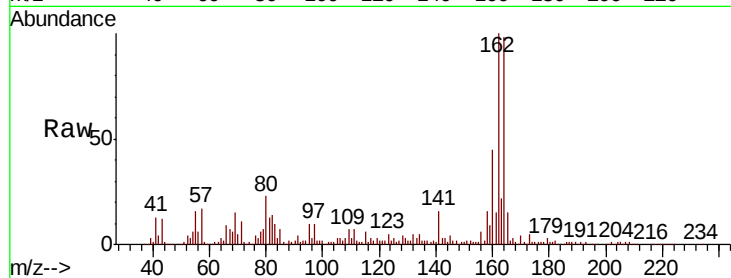




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF121545.D
Acq: 9 Sep 2020 13:31

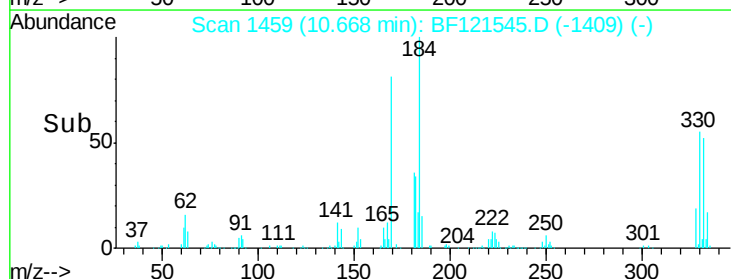
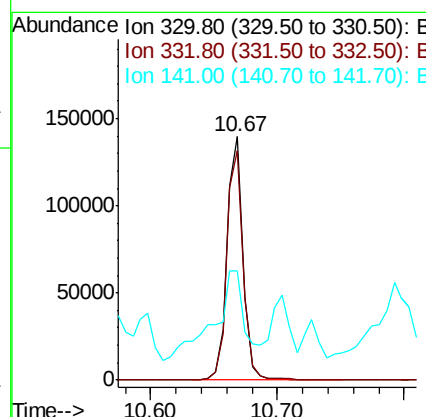
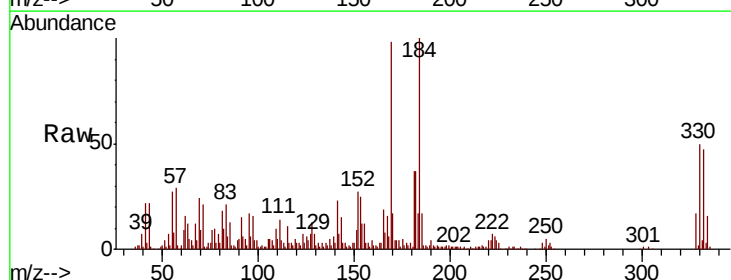
Instrument :
BNA_F
ClientSampleId :
WC-PM-A2-10-14-CDL

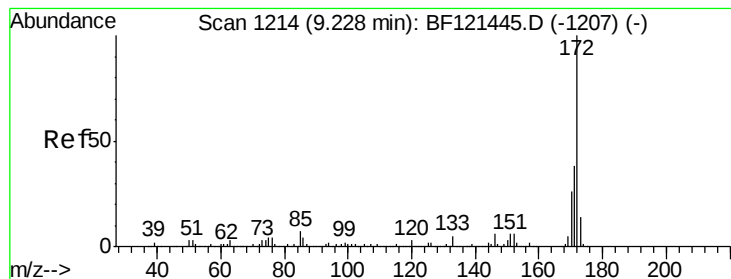
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.5	120.7
160	46.0	36.2	54.4



#42
2,4,6-Tribromophenol
Concen: 21.109 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF121545.D
Acq: 9 Sep 2020 13:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.2	114.2
141	70.1	22.6	34.0





#45

2-Fluorobiphenyl

Concen: 14.187 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF121545.D

Acq: 9 Sep 2020 13:31

Instrument :

BNA_F

ClientSampleId :

WC-PM-A2-10-14-CDL

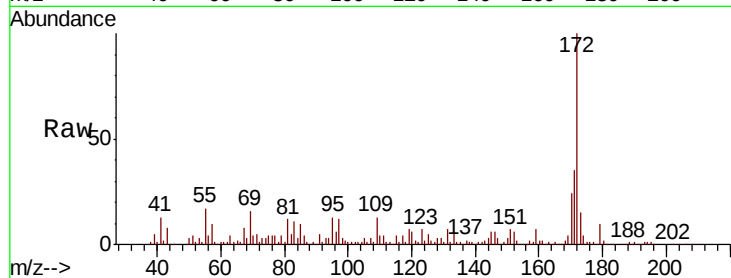
Tot Ion:172 Resp: 507063

Ion Ratio Lower Upper

172 100

171 35.5 30.4 45.6

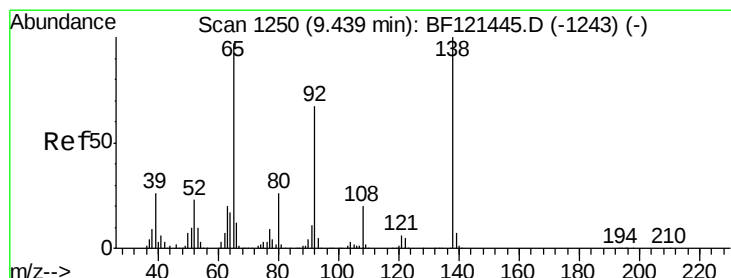
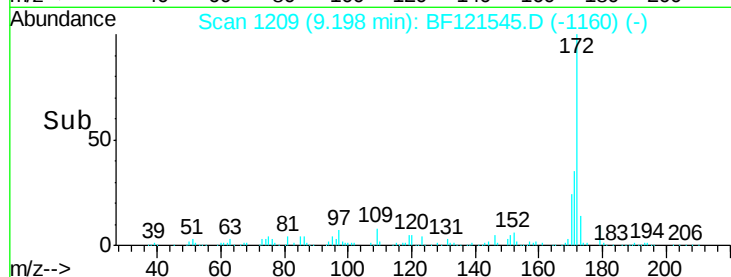
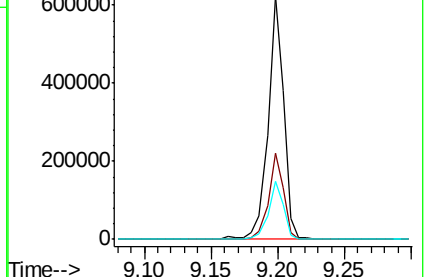
170 23.8 20.7 31.1



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



#48

2-Nitroaniline

Concen: 7.256 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.03 min

Lab File: BF121545.D

Acq: 9 Sep 2020 13:31

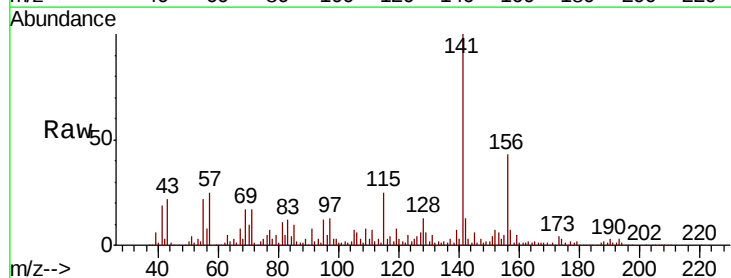
Tgt Ion: 65 Resp: 7092

Ion Ratio Lower Upper

65 100

92 52.6 58.6 87.8#

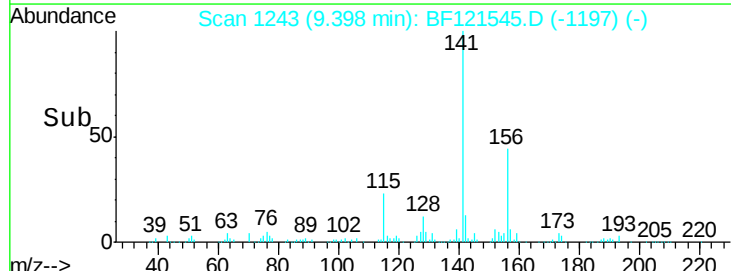
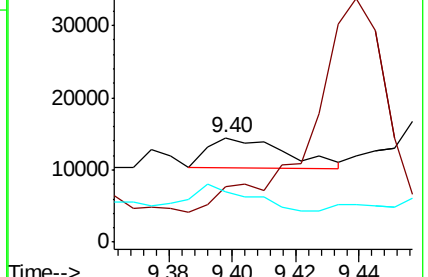
138 48.0 88.6 133.0#

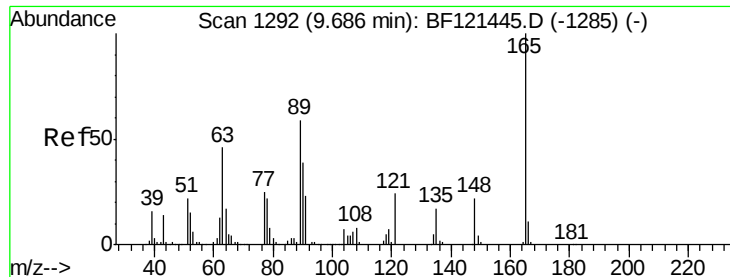


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#51

2,6-Dinitrotoluene

Concen: 7.091 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BF121545.D

Acq: 9 Sep 2020 13:31

Instrument :

BNA_F

ClientSampleId :

WC-PM-A2-10-14-CDL

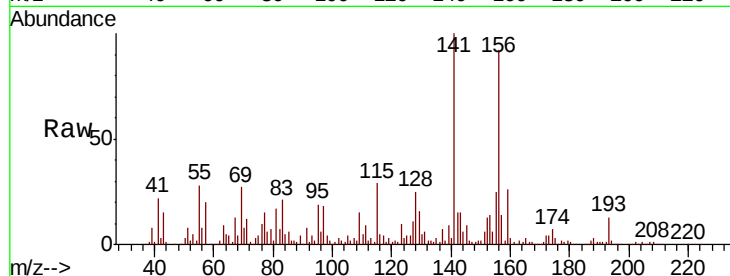
Tot Ion:165 Resp: 5761

Ion Ratio Lower Upper

165 100

63 254.2 47.4 71.0#

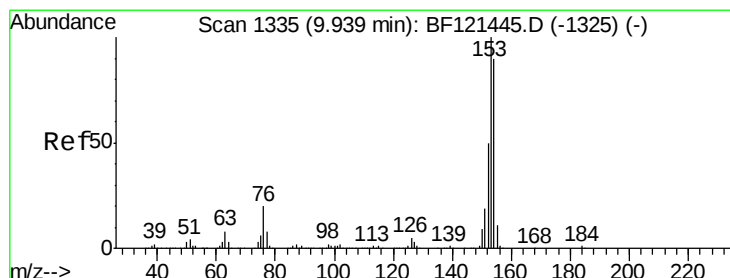
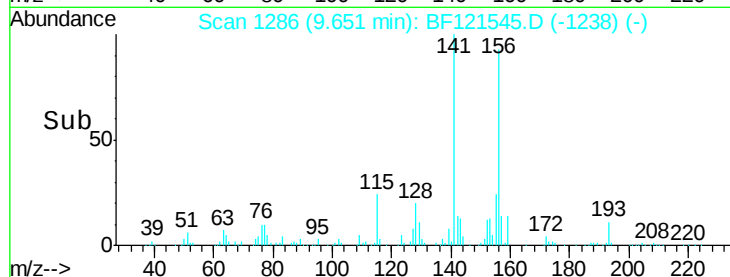
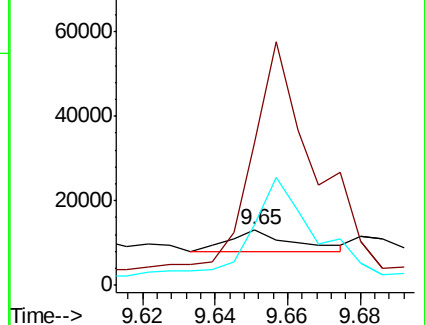
89 107.3 47.9 71.9#



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



#52

Acenaphthene

Concen: 5.142 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF121545.D

Acq: 9 Sep 2020 13:31

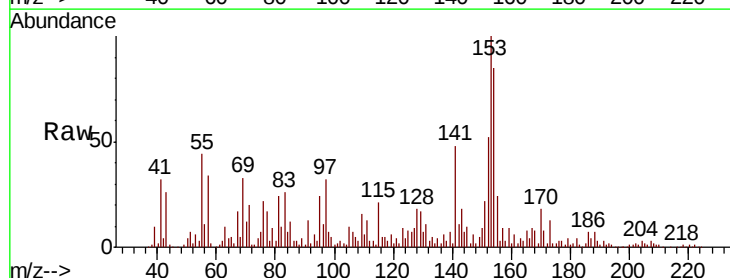
Tgt Ion:154 Resp: 174210

Ion Ratio Lower Upper

154 100

153 118.3 89.9 134.9

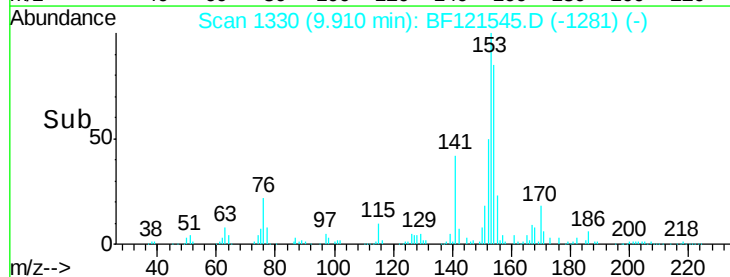
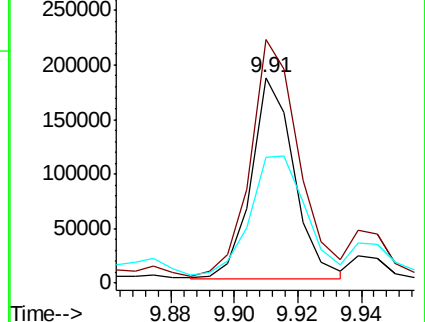
152 61.1 44.6 66.8

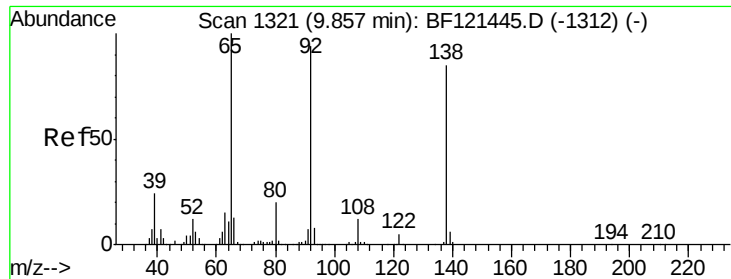


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

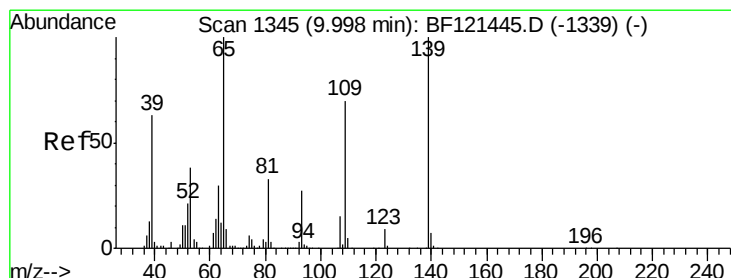
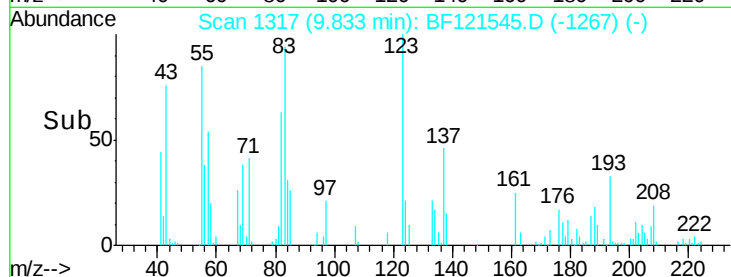
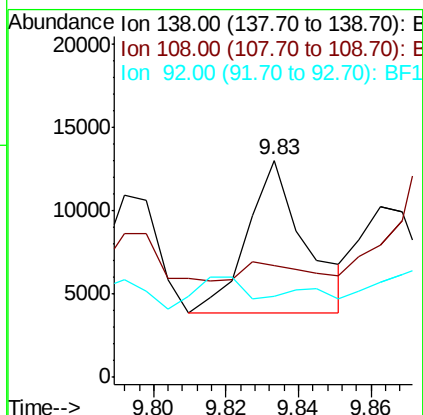
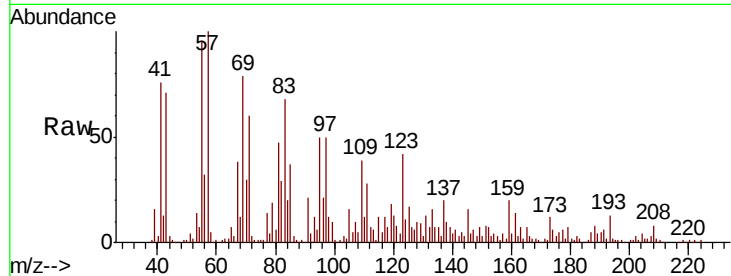




#53
3-Nitroaniline
Concen: 6.414 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121545.D
Acq: 9 Sep 2020 13:31

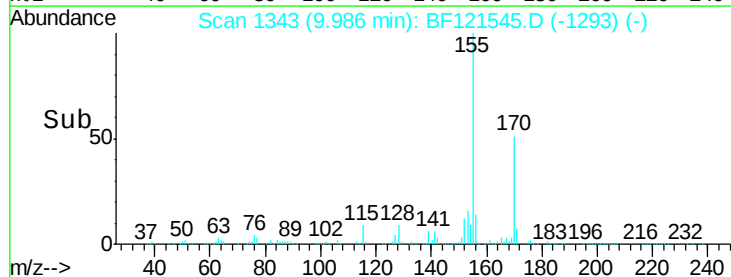
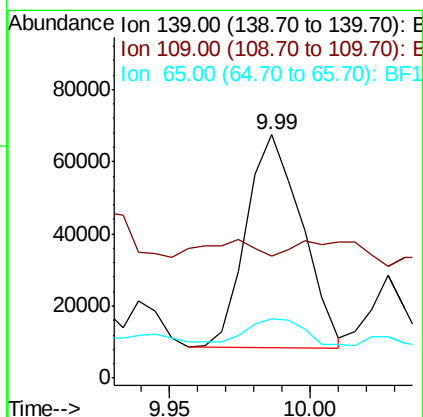
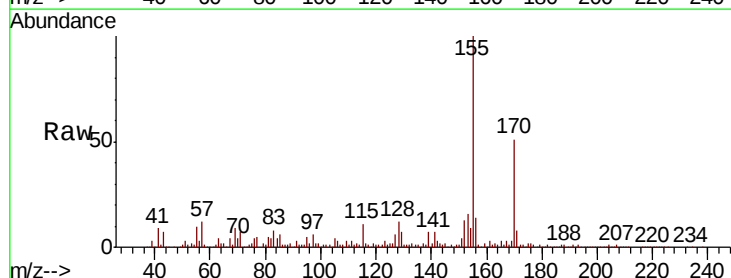
Instrument :
BNA_F
ClientSampleId :
WC-PM-A2-10-14-CDL

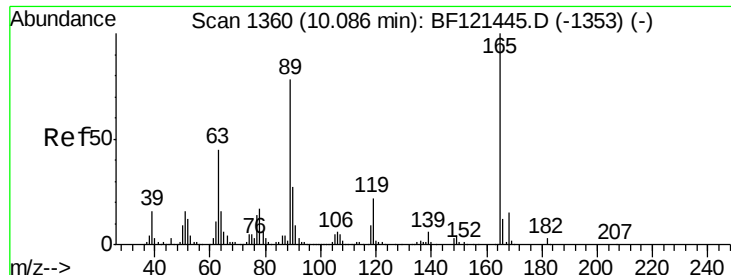
Tot Ion:138 Resp: 10268
Ion Ratio Lower Upper
138 100
108 51.8 8.7 13.1#
92 37.5 91.1 136.7#



#56
4-Nitrophenol
Concen: 17.397 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF121545.D
Acq: 9 Sep 2020 13:31

Tgt Ion:139 Resp: 80922
Ion Ratio Lower Upper
139 100
109 50.4 44.3 84.3
65 24.1 70.2 110.2#

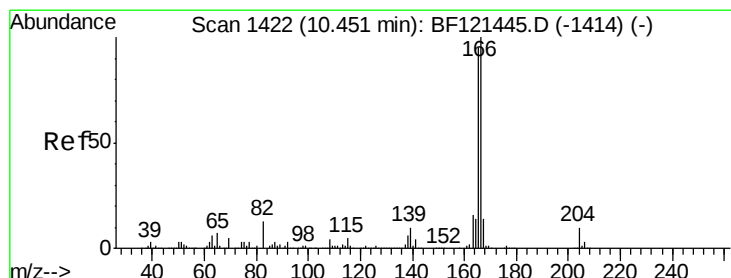
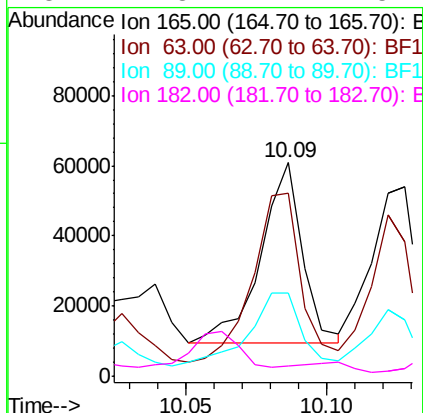
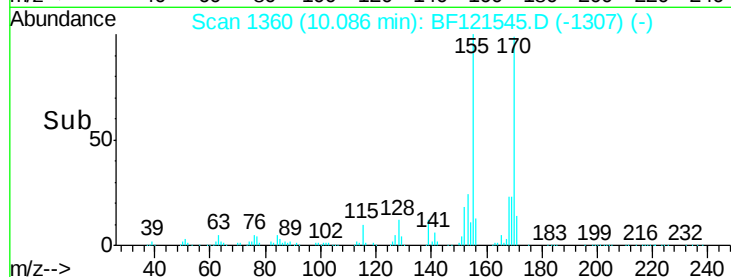
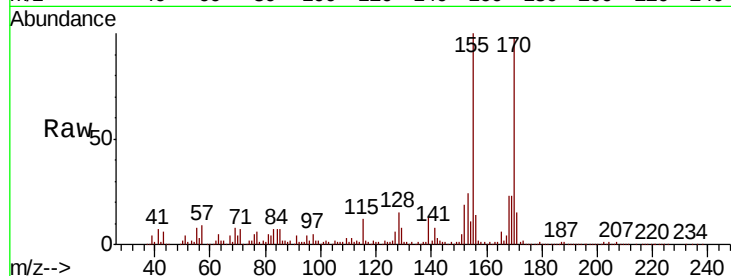




#57
2,4-Dinitrotoluene
Concen: 12.185 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF121545.D
Acq: 9 Sep 2020 13:31

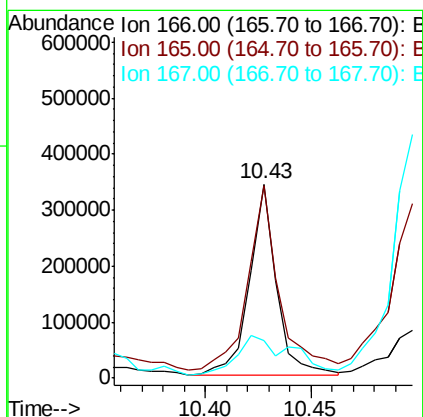
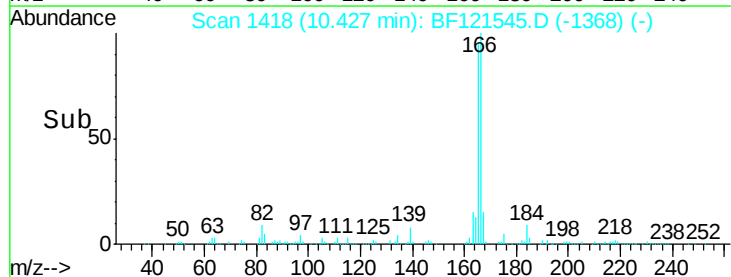
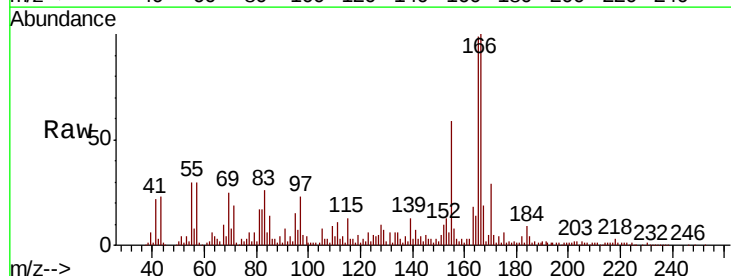
Instrument :
BNA_F
ClientSampleId :
WC-PM-A2-10-14-CDL

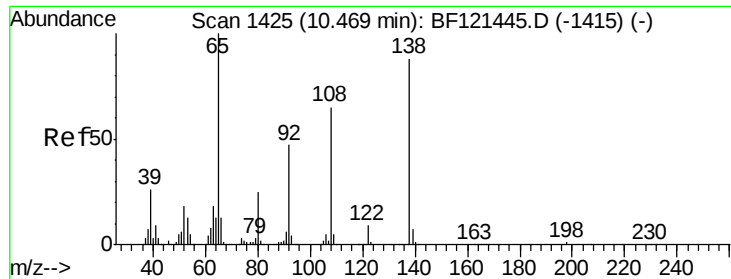
Tot Ion:165 Resp: 52883
Ion Ratio Lower Upper
165 100
63 85.4 33.6 50.4#
89 39.3 56.4 84.6#
182 4.8 2.2 3.4#



#58
Fluorene
Concen: 8.185 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF121545.D
Acq: 9 Sep 2020 13:31

Tgt Ion:166 Resp: 303651
Ion Ratio Lower Upper
166 100
165 99.3 75.3 112.9
167 19.4 11.1 16.7#





#62

4-Nitroaniline

Concen: 5.190 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.05 min

Lab File: BF121545.D

Acq: 9 Sep 2020 13:31

Instrument :

BNA_F

ClientSampleId :

WC-PM-A2-10-14-CDL

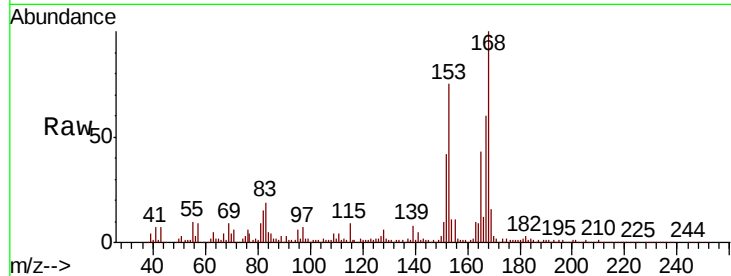
Tot Ion:138 Resp: 6995

Ion Ratio Lower Upper

138 100

92 45.7 32.2 72.2

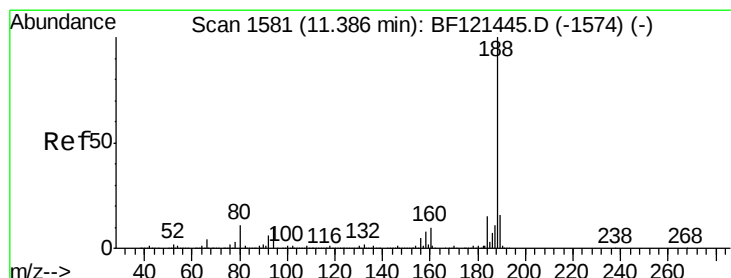
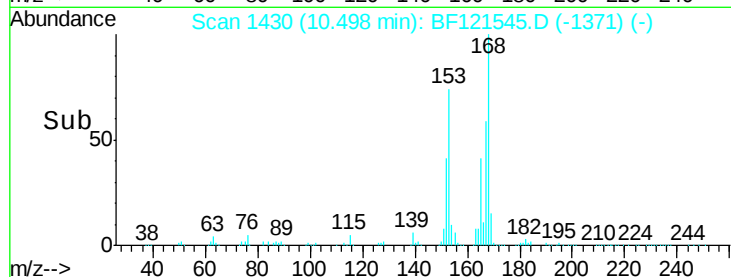
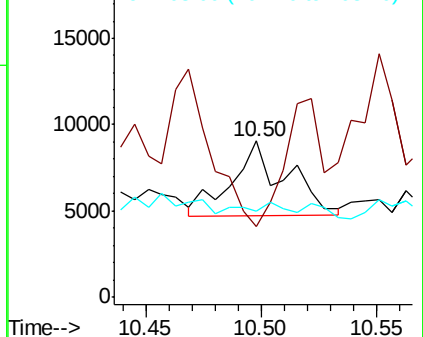
108 55.1 49.1 89.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF121545.D

Acq: 9 Sep 2020 13:31

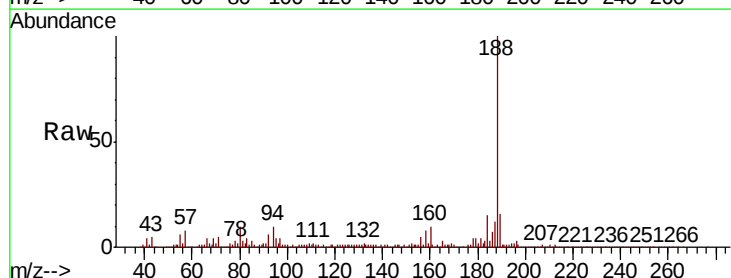
Tgt Ion:188 Resp: 1130895

Ion Ratio Lower Upper

188 100

94 10.0 8.8 13.2

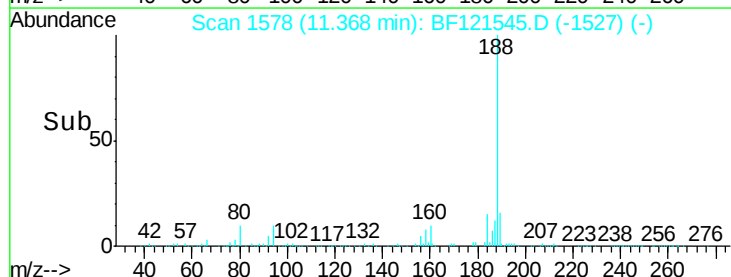
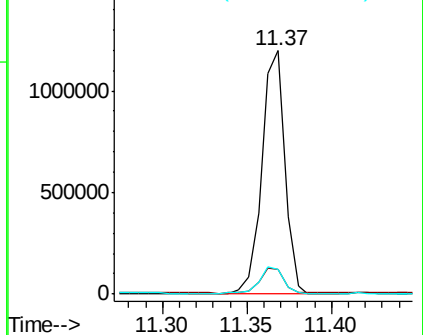
80 10.3 9.1 13.7

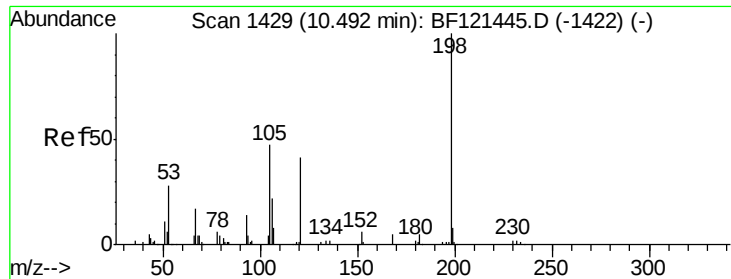


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

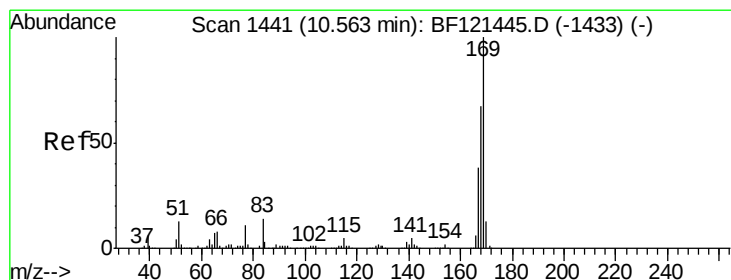
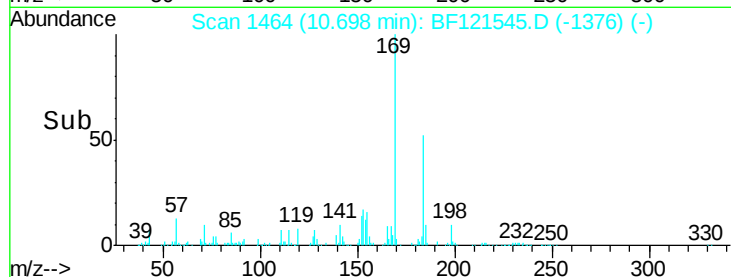
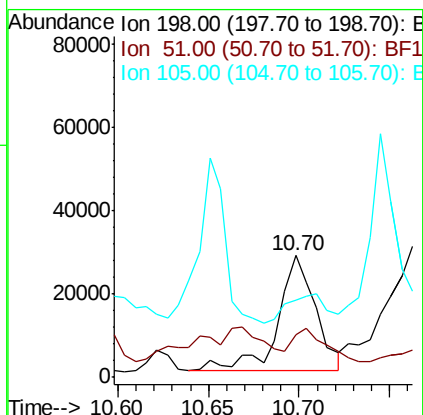
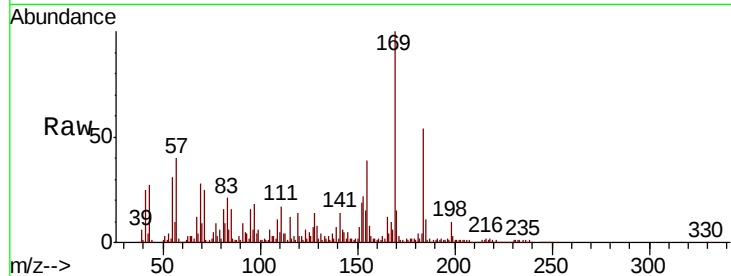




#65
4,6-Dinitro-2-methylphenol
Concen: 21.408 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.22 min
Lab File: BF121545.D
Acq: 9 Sep 2020 13:31

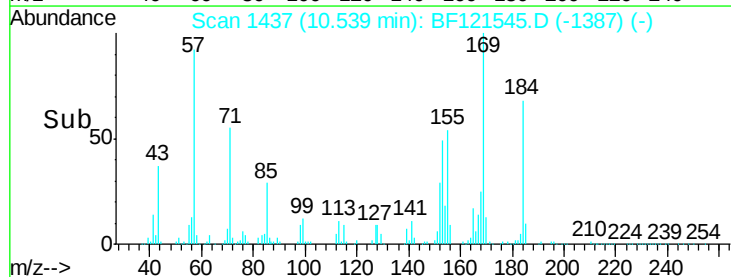
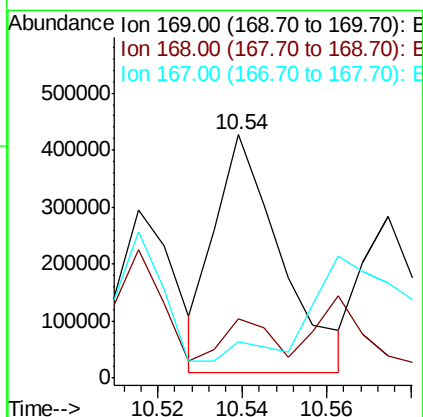
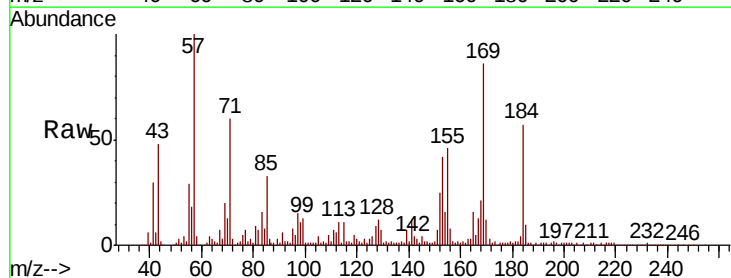
Instrument :
BNA_F
ClientSampleId :
WC-PM-A2-10-14-CDL

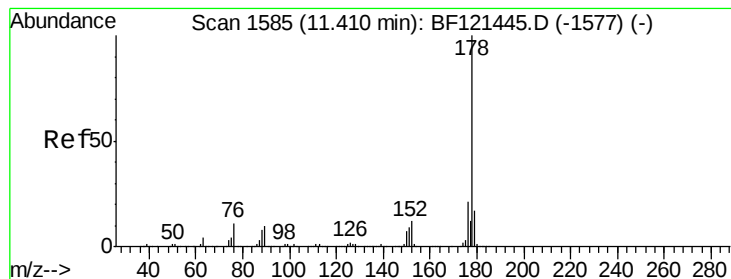
Tot Ion:198 Resp: 40140
Ion Ratio Lower Upper
198 100
51 35.5 24.9 64.9
105 63.1 25.8 65.8



#66
n-Nitrosodiphenylamine
Concen: 12.692 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF121545.D
Acq: 9 Sep 2020 13:31

Tgt Ion:169 Resp: 453971
Ion Ratio Lower Upper
169 100
168 24.5 53.8 80.8#
167 14.7 29.8 44.8#





#71

Phenanthrene

Concen: 25.811 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF121545.D

Acq: 9 Sep 2020 13:31

Instrument :

BNA_F

ClientSampleId :

WC-PM-A2-10-14-CDL

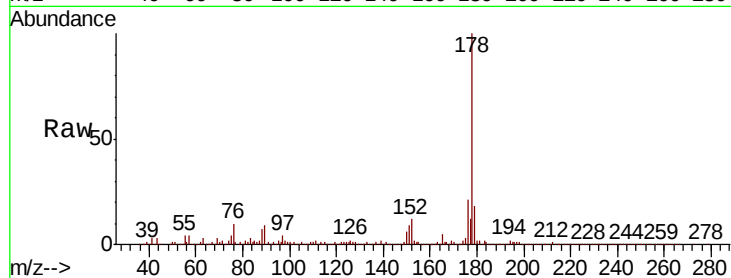
Tot Ion:178 Resp: 1497938

Ion Ratio Lower Upper

178 100

176 20.5 17.0 25.4

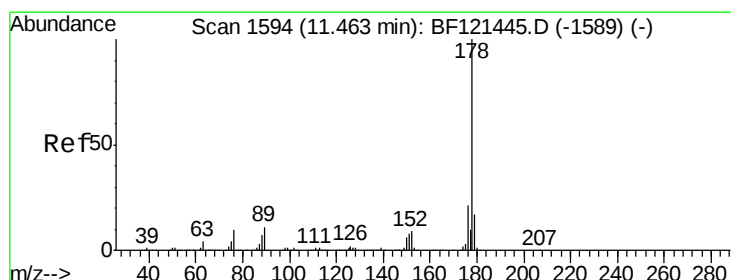
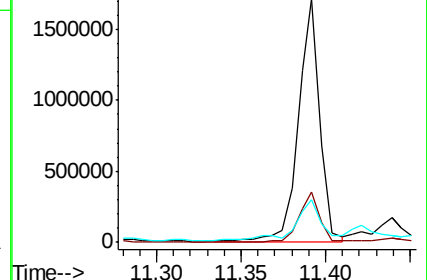
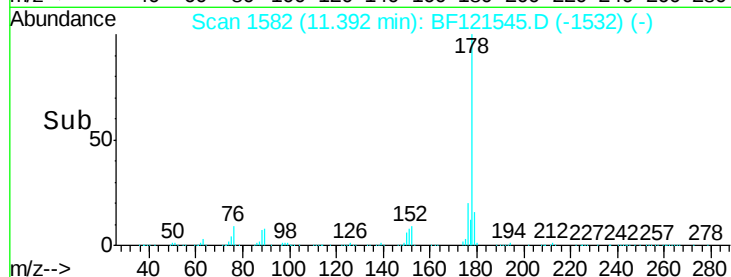
179 17.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 26.243 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.05 min

Lab File: BF121545.D

Acq: 9 Sep 2020 13:31

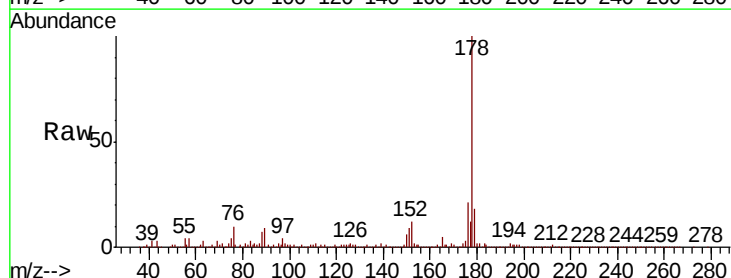
Tgt Ion:178 Resp: 1497938

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.2

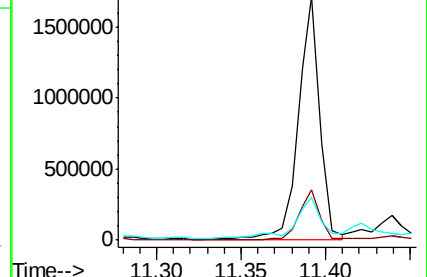
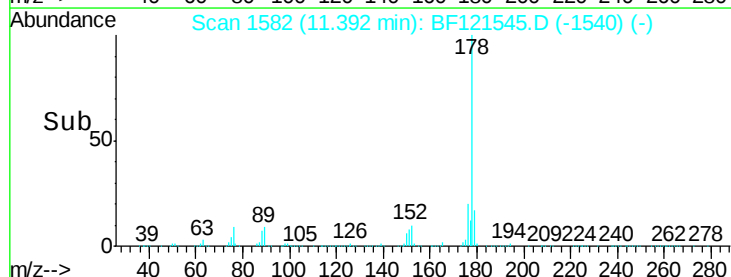
179 17.8 13.4 20.0

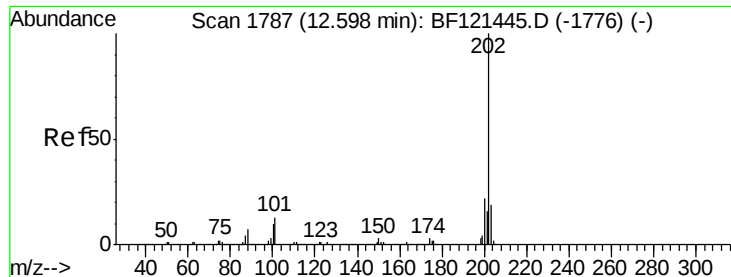


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 13.026 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF121545.D

Acq: 9 Sep 2020 13:31

Instrument :

BNA_F

ClientSampleId :

WC-PM-A2-10-14-CDL

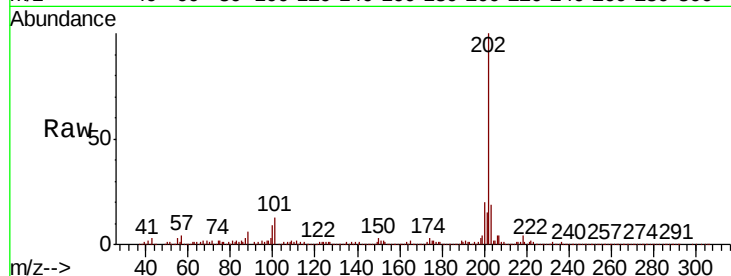
Tot Ion:202 Resp: 814746

Ion Ratio Lower Upper

202 100

101 13.1 0.0 31.6

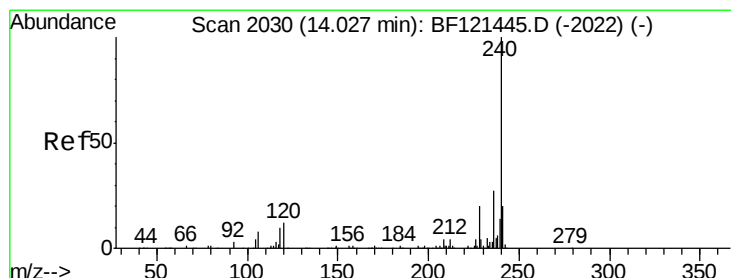
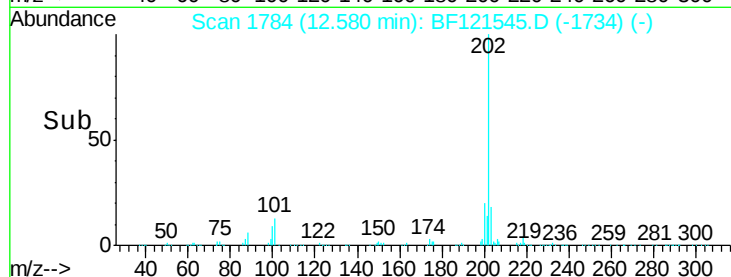
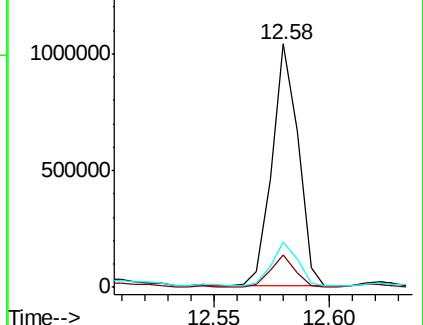
203 18.5 0.0 38.5



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: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF121545.D

Acq: 9 Sep 2020 13:31

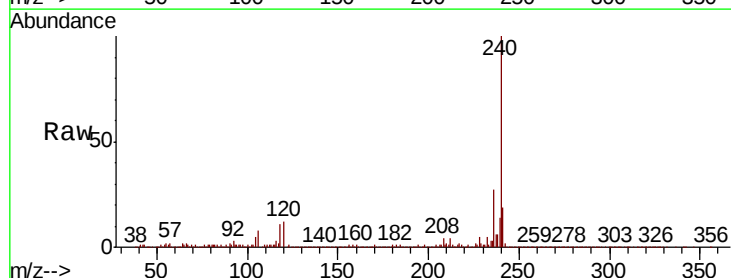
Tgt Ion:240 Resp: 923149

Ion Ratio Lower Upper

240 100

120 11.9 8.0 12.0

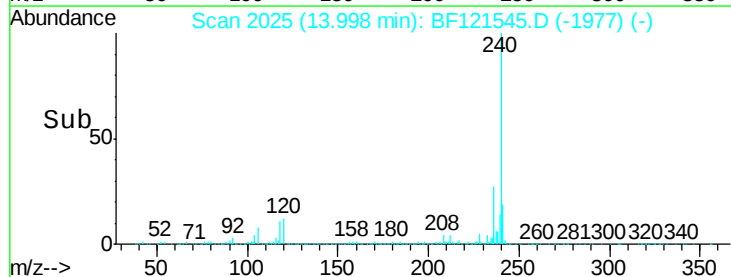
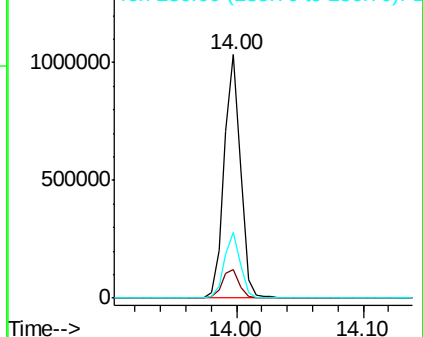
236 26.8 21.4 32.2

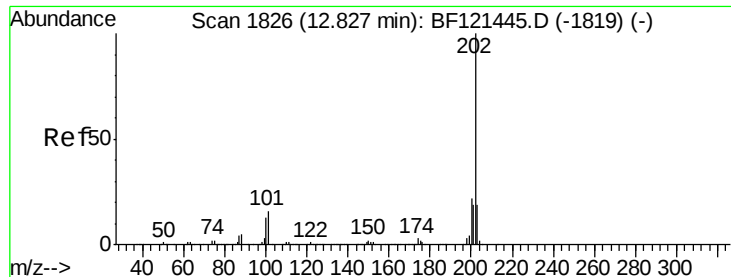


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 11.675 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF121545.D

Acq: 9 Sep 2020 13:31

Instrument :

BNA_F

ClientSampleId :

WC-PM-A2-10-14-CDL

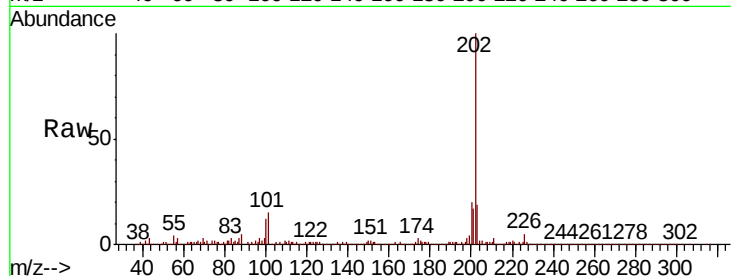
Tot Ion:202 Resp: 769742

Ion Ratio Lower Upper

202 100

200 20.5 17.7 26.5

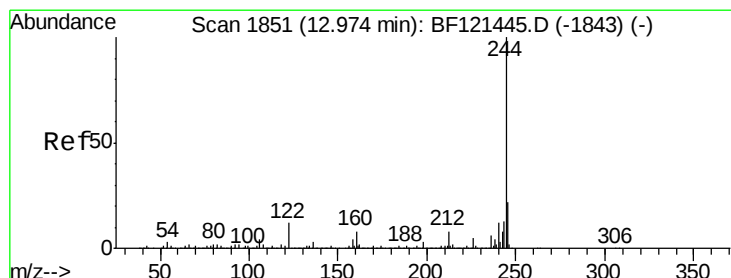
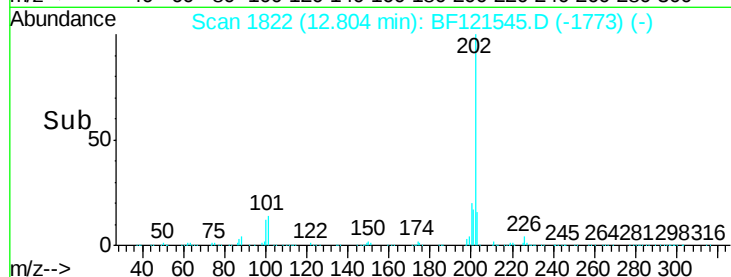
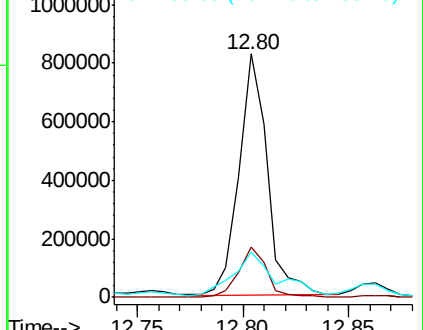
203 18.5 15.0 22.4



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



#79

Terphenyl-d14

Concen: 12.384 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF121545.D

Acq: 9 Sep 2020 13:31

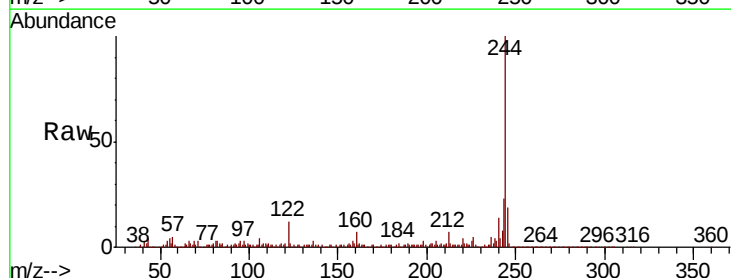
Tgt Ion:244 Resp: 543122

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

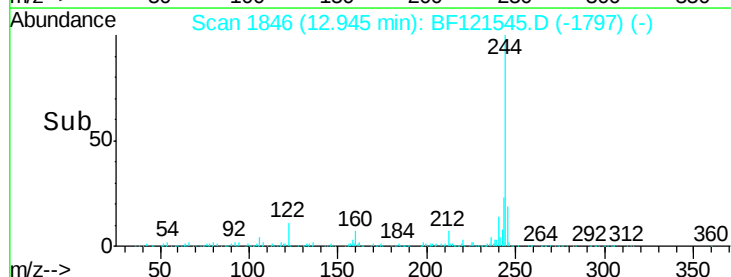
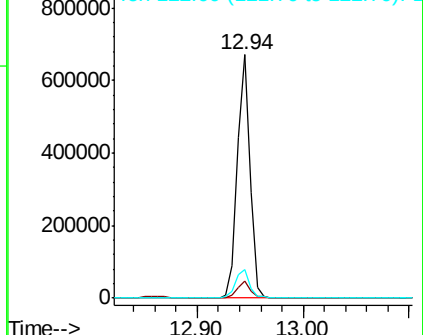
122 11.6 9.3 13.9

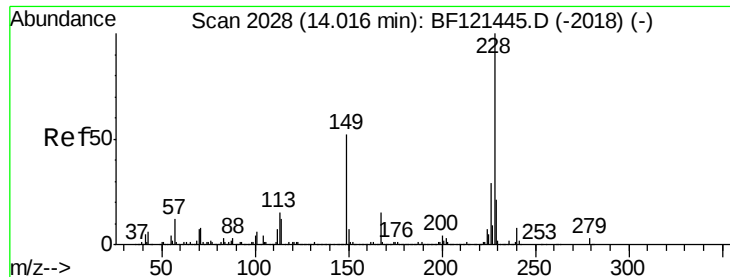


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

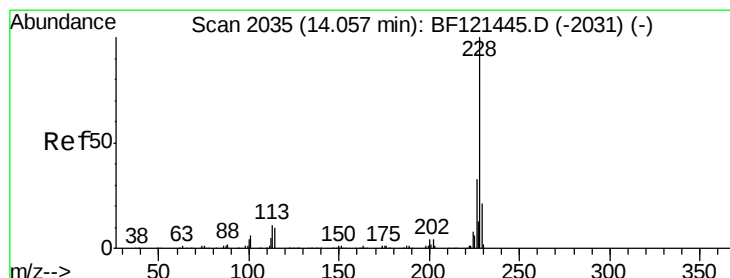
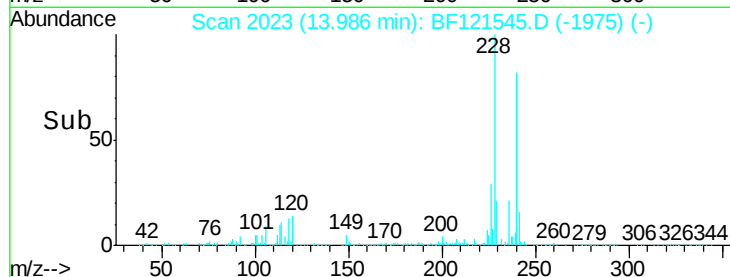
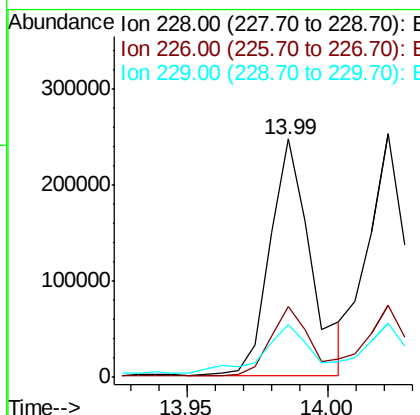
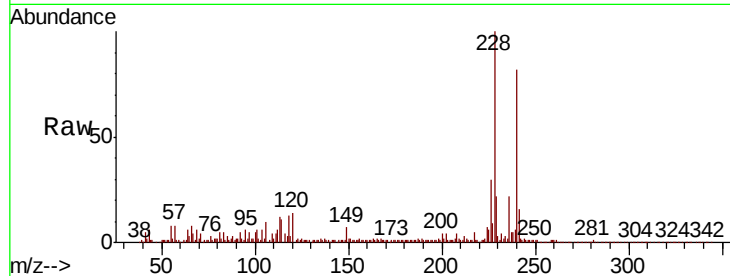




#81
Benzo(a)anthracene
Concen: 4.378 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF121545.D
Acq: 9 Sep 2020 13:31

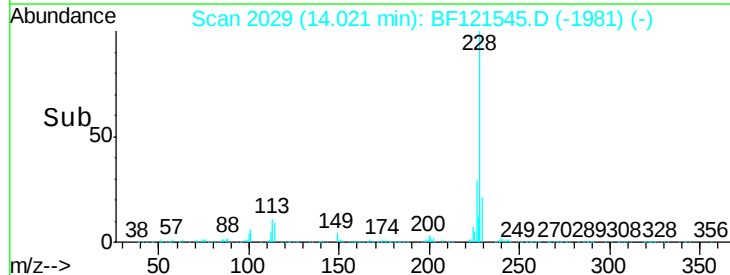
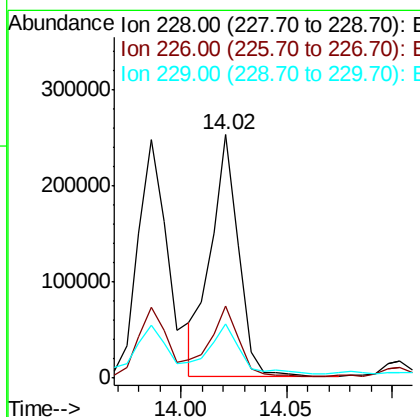
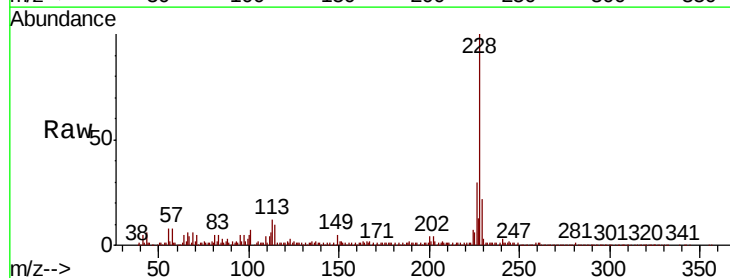
Instrument :
BNA_F
ClientSampleId :
WC-PM-A2-10-14-CDL

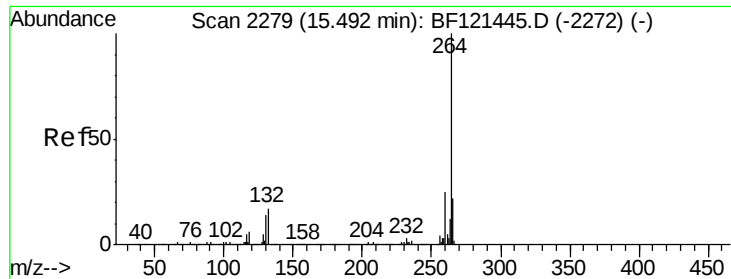
Tot Ion:228 Resp: 246692
Ion Ratio Lower Upper
228 100
226 29.6 23.3 34.9
229 22.1 16.4 24.6



#83
Chrysene
Concen: 4.079 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF121545.D
Acq: 9 Sep 2020 13:31

Tgt Ion:228 Resp: 229963
Ion Ratio Lower Upper
228 100
226 29.7 26.5 39.7
229 22.1 17.1 25.7

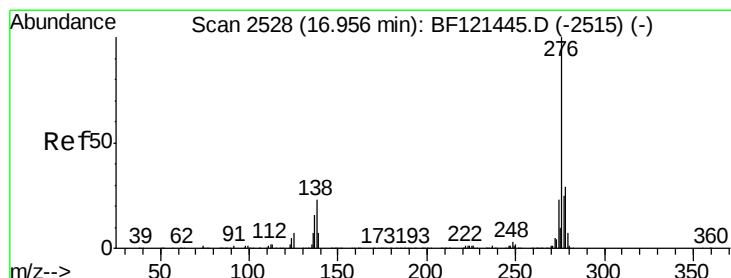
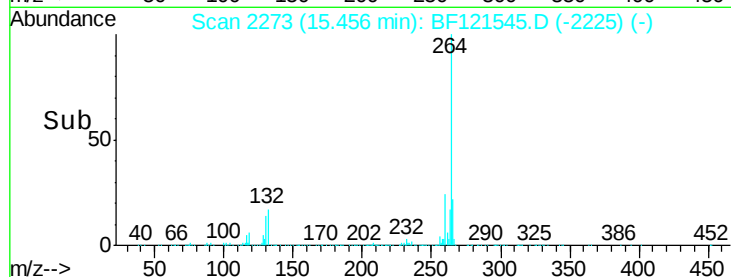
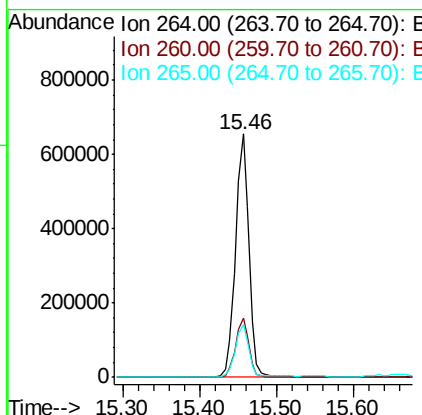
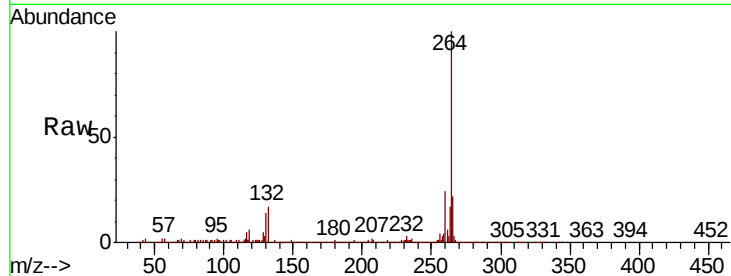




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF121545.D
Acq: 9 Sep 2020 13:31

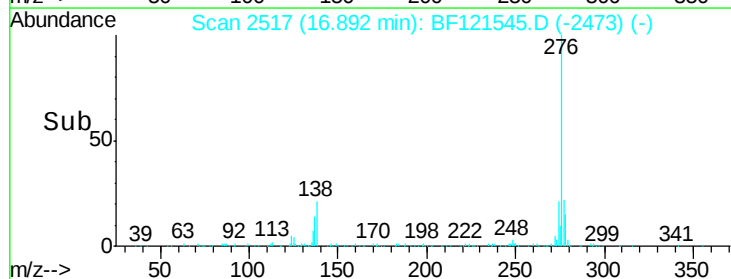
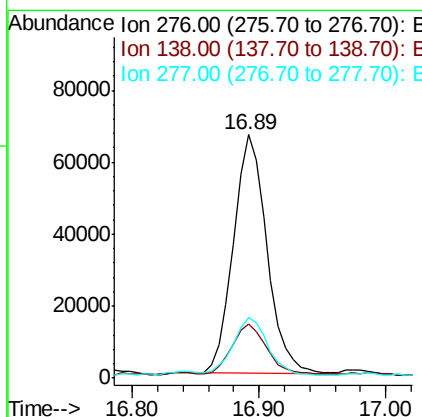
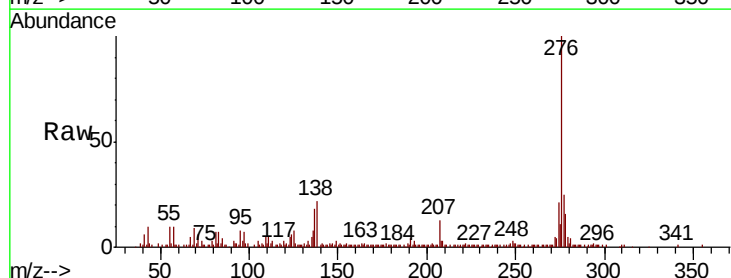
Instrument :
BNA_F
ClientSampleId :
WC-PM-A2-10-14-CDL

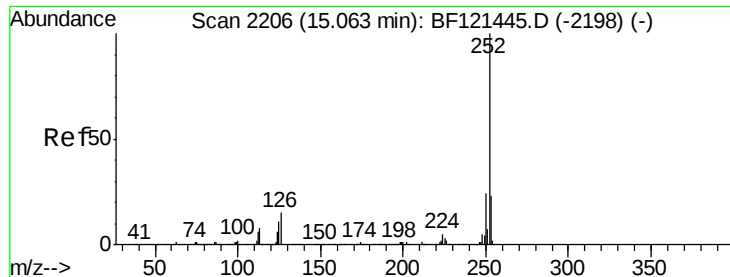
Tot Ion:264 Resp: 801592
Ion Ratio Lower Upper
264 100
260 24.3 19.7 29.5
265 21.9 17.4 26.2



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.466 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.04 min
Lab File: BF121545.D
Acq: 9 Sep 2020 13:31

Tgt Ion:276 Resp: 121624
Ion Ratio Lower Upper
276 100
138 22.2 20.7 31.1
277 25.2 20.4 30.6

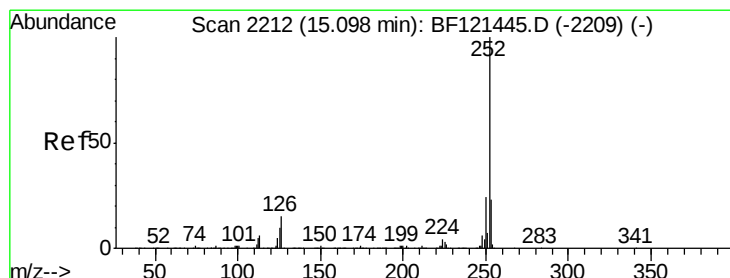
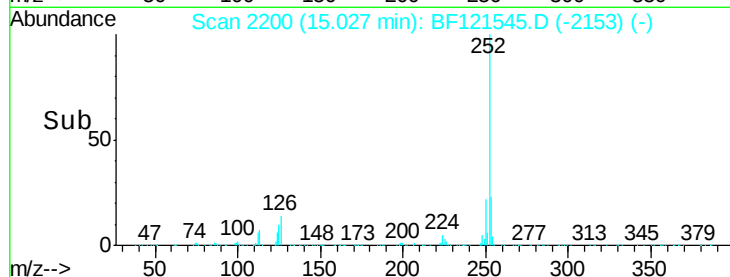
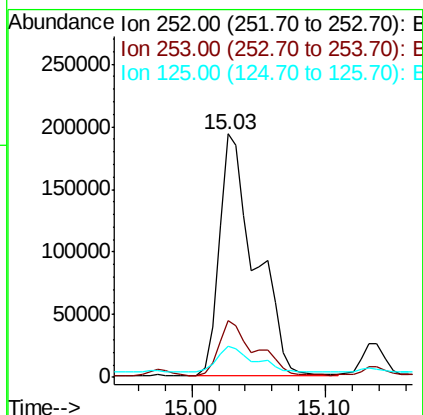
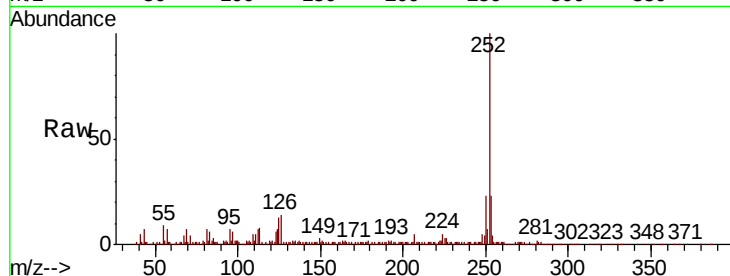




#88
Benzo(b)fluoranthene
Concen: 6.965 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF121545.D
Acq: 9 Sep 2020 13:31

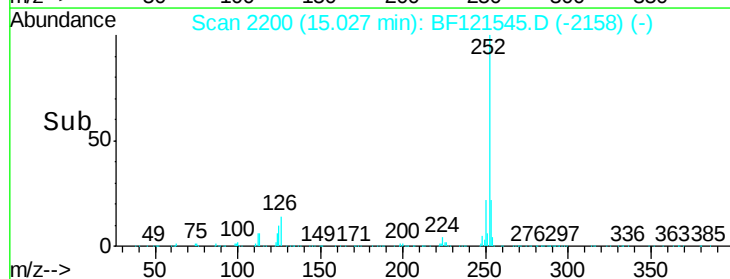
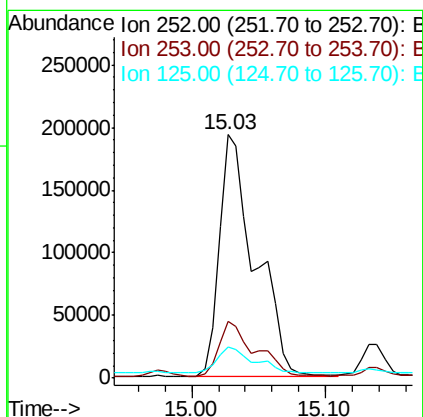
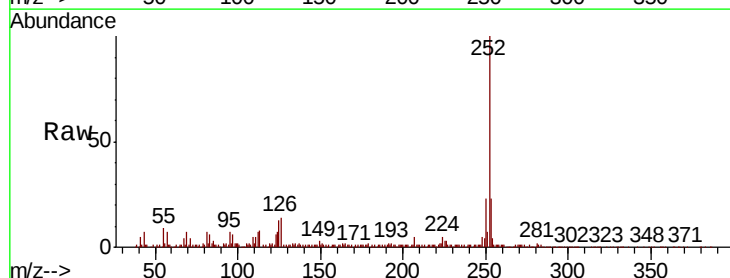
Instrument :
BNA_F
ClientSampleId :
WC-PM-A2-10-14-CDL

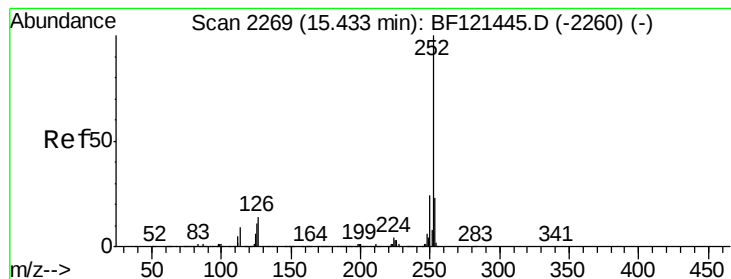
Tot Ion:252 Resp: 363164
Ion Ratio Lower Upper
252 100
253 23.2 18.3 27.5
125 12.8 8.2 12.2#



#89
Benzo(k)fluoranthene
Concen: 7.488 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.05 min
Lab File: BF121545.D
Acq: 9 Sep 2020 13:31

Tgt Ion:252 Resp: 363164
Ion Ratio Lower Upper
252 100
253 23.2 18.3 27.5
125 12.8 8.6 13.0





#90

Benzo(a)pyrene

Concen: 3.224 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.02 min

Lab File: BF121545.D

Acq: 9 Sep 2020 13:31

Instrument :

BNA_F

ClientSampleId :

WC-PM-A2-10-14-CDL

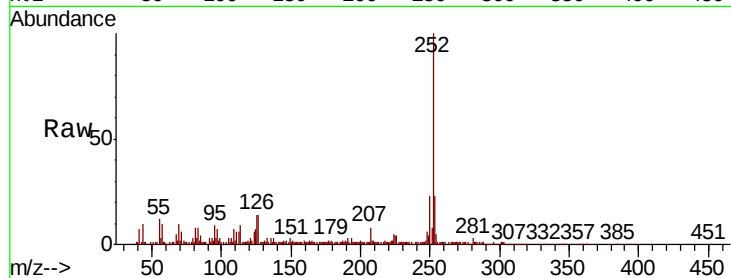
Tot Ion:252 Resp: 151171

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

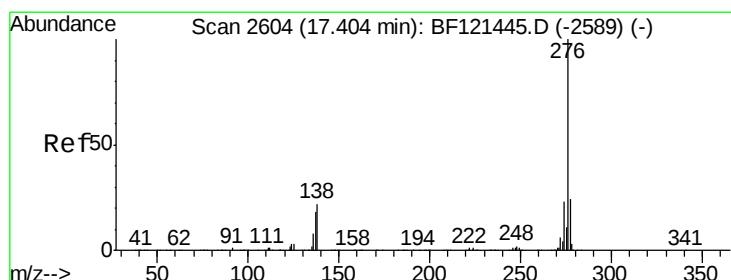
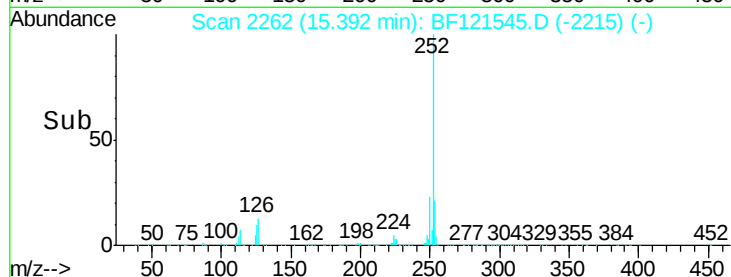
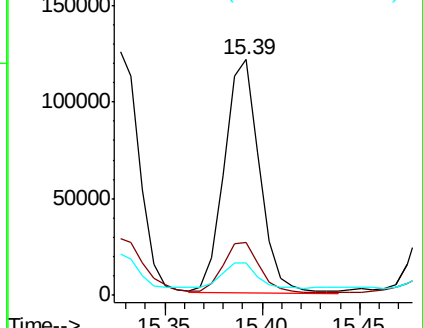
125 13.6 8.8 13.2#



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



#92

Benzo(g,h,i)perylene

Concen: 3.792 ng

RT: 17.33 min Scan# 2591

Delta R.T. -0.05 min

Lab File: BF121545.D

Acq: 9 Sep 2020 13:31

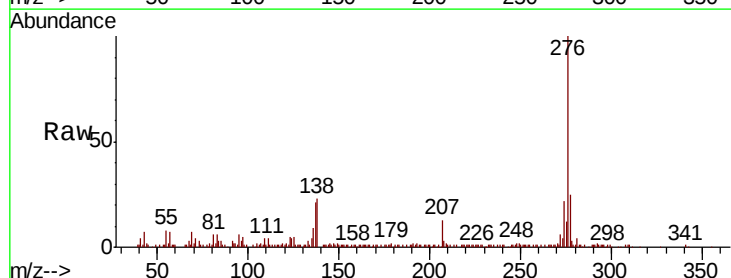
Tgt Ion:276 Resp: 147480

Ion Ratio Lower Upper

276 100

277 24.6 19.3 28.9

138 22.7 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

