

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
 Data File : BP000254.D
 Acq On : 16 Sep 2019 22:25
 Operator : HP/JU
 Sample : K4878-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

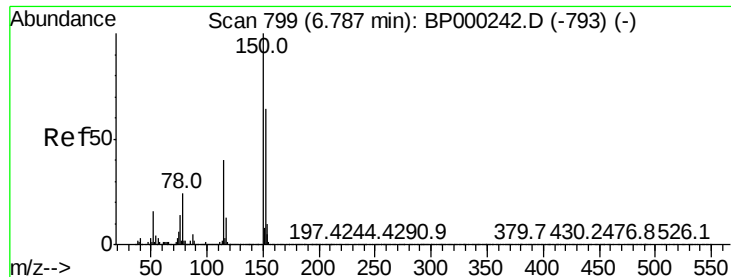
Quant Time: Sep 17 06:12:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 18:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	332560	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1188083	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	629823	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1086199	20.00	ng	0.00
76) Chrysene-d12	14.00	240	684192	20.00	ng	0.00
87) Perylene-d12	15.50	264	905542	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	1943775	100.90	ng	0.00
7) Phenol-d6	6.42	99	2457755	104.08	ng	0.00
23) Nitrobenzene-d5	7.35	82	1352768	73.46	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	690118	110.47	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2631277	75.19	ng	0.00
79) Terphenyl-d14	12.93	244	2580568	79.12	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.33	77	1823	Below Cal		# 42
10) Phenol	6.43	94	111817	4.168	ng	95
19) n-Nitroso-di-n-propylamine	7.35	70	167909	13.449	ng	# 75
25) Isophorone	7.35	82	1351312	37.060	ng	# 63
31) Naphthalene	8.09	128	438531	7.970	ng	98
33) 4-Chloroaniline	8.09	127	57316	2.302	ng	# 33
37) 2-Methylnaphthalene	8.78	142	101402	2.696	ng	99
38) 1-Methylnaphthalene	8.88	142	130157	3.694	ng	98
46) 1,1'-Biphenyl	9.25	154	90502	2.077	ng	99
49) Acenaphthylene	9.69	152	1613284	29.365	ng	100
50) Dimethylphthalate	9.54	163	220089	5.129	ng	99
51) 2,6-Dinitrotoluene	9.83	165	94567	10.023	ng	# 30
52) Acenaphthene	9.86	154	346669	9.999	ng	98
55) Dibenzofuran	10.03	168	756592	15.437	ng	98
56) 4-Nitrophenol	10.03	139	270974	33.267	ng	# 15
58) Fluorene	10.38	166	714102	18.864	ng	99
67) 4-Bromophenyl-phenylether	10.62	248	47826	3.894	ng	# 1
69) Atrazine	11.02	200	371	Below Cal		# 1
71) Phenanthrene	11.35	178	4217539	77.482	ng	97
72) Anthracene	11.40	178	2633538	47.004	ng	99
73) Carbazole	11.55	167	475989	9.434	ng	99
75) Fluoranthene	12.57	202	8243597	141.040	ng	93
78) Pyrene	12.80	202	7559327	147.675	ng	93
81) Benzo(a)anthracene	14.03	228	4271028	98.824	ng	91
83) Chrysene	14.03	228	4271028	100.650	ng	95
86) Indeno(1,2,3-cd)pyrene	17.00	276	3945903	76.287	ng	92
88) Benzo(b)fluoranthene	15.07	252	9673954	179.076	ng	97
89) Benzo(k)fluoranthene	15.07	252	9673954	205.294	ng	97
90) Benzo(a)pyrene	15.45	252	5476073	111.404	ng	95
91) Dibenzo(a,h)anthracene	17.16	278	868444	18.950	ng	95
92) Benzo(g,h,i)perylene	17.46	276	3754114	79.694	ng	97

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

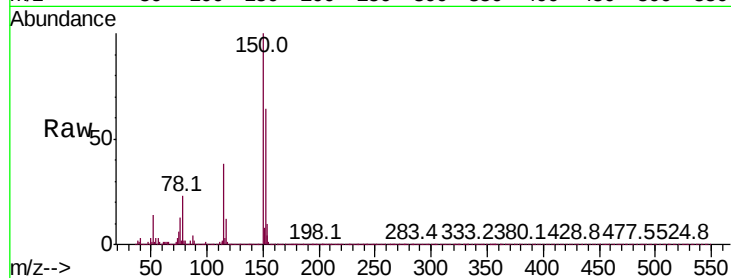


#1

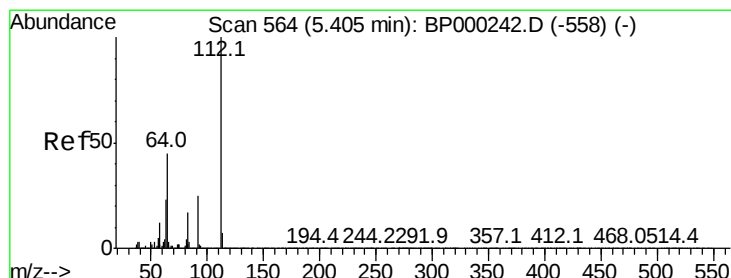
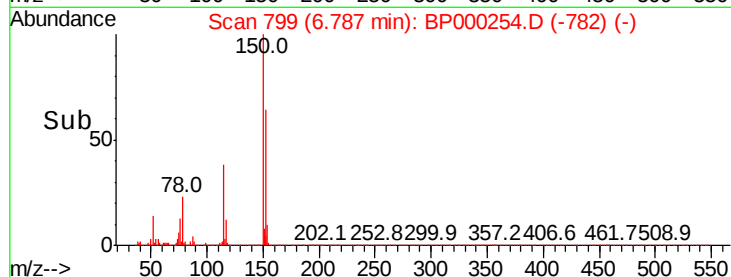
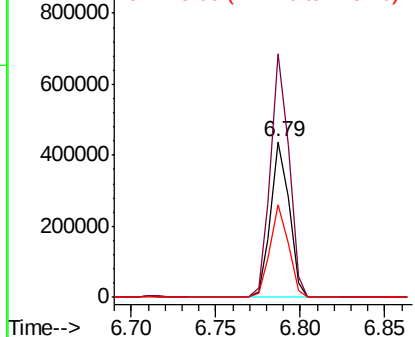
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000254.D
Acq: 16 Sep 2019 22:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 332560
Ion Ratio Lower Upper
152 100
150 156.2 125.2 187.8
115 59.4 49.7 74.5



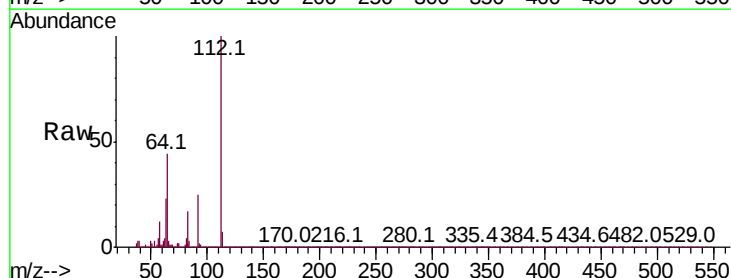
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



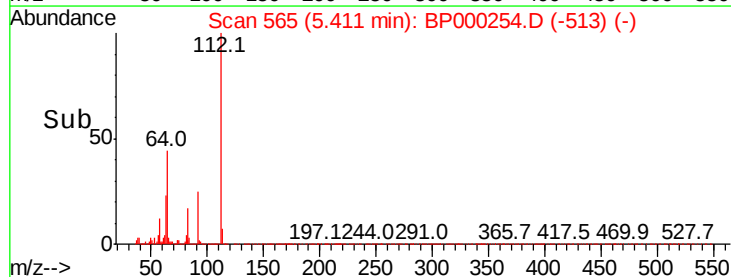
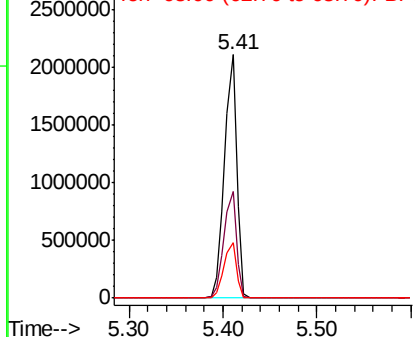
#5

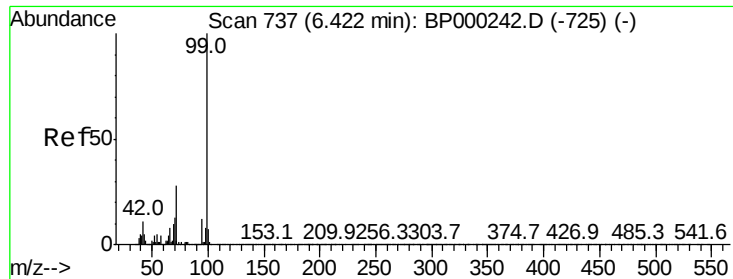
2-Fluorophenol
Concen: 100.903 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000254.D
Acq: 16 Sep 2019 22:25

Tgt Ion:112 Resp: 1943775
Ion Ratio Lower Upper
112 100
64 43.6 36.2 54.4
63 22.5 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 104.083 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BP000254.D

Acq: 16 Sep 2019 22:25

Instrument :

BNA_P

ClientSampleId :

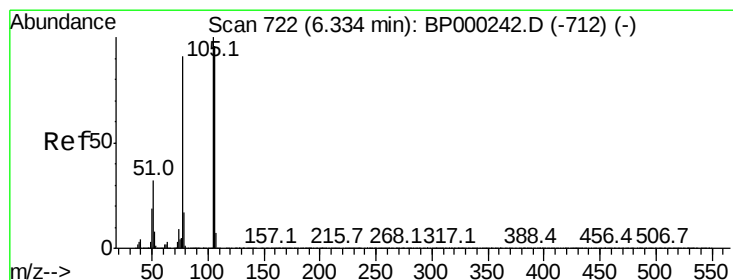
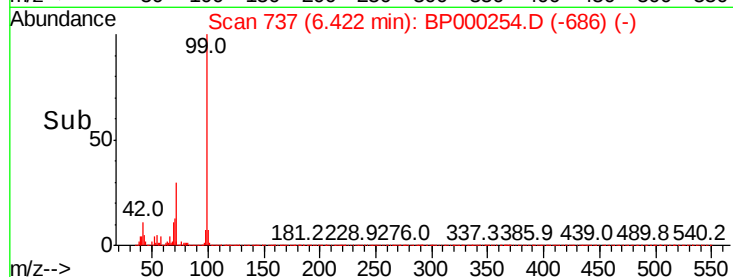
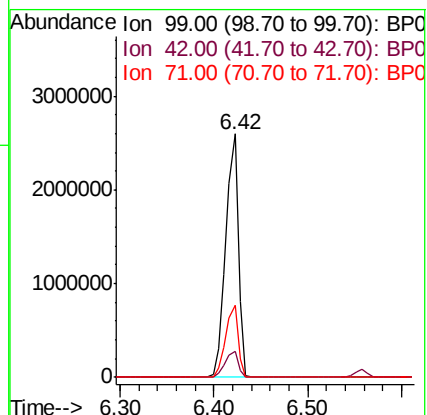
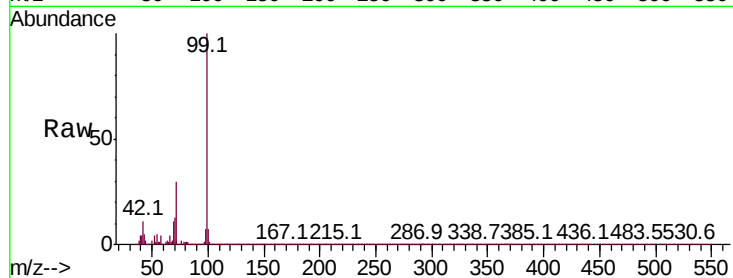
Tot Ion: 99 Resp: 2457755

Ion Ratio Lower Upper

99 100

42 10.9 8.5 12.7

71 29.8 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BP000254.D

Acq: 16 Sep 2019 22:25

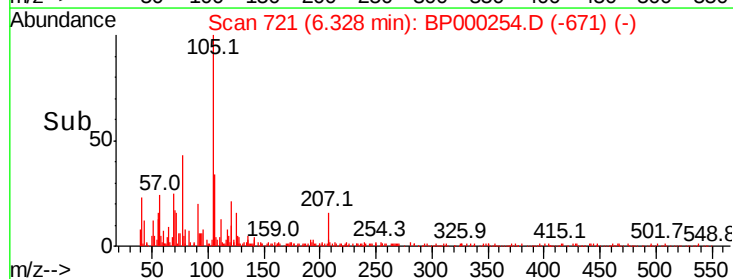
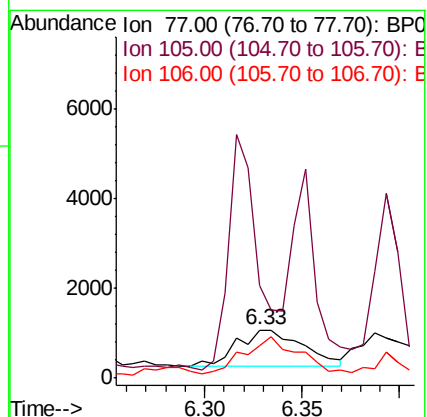
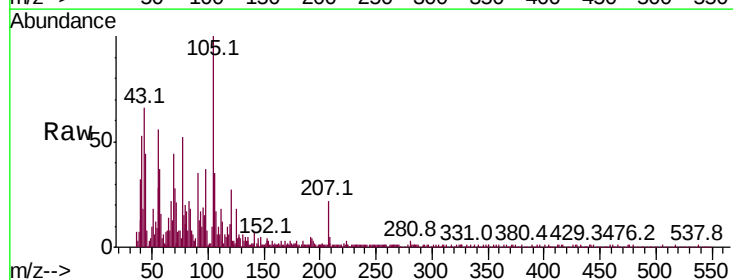
Tgt Ion: 77 Resp: 1823

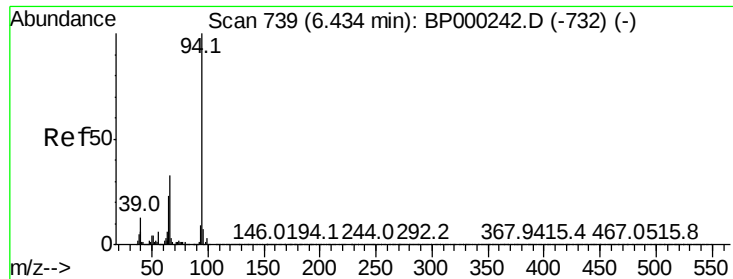
Ion Ratio Lower Upper

77 100

105 190.8 89.6 129.6#

106 66.0 84.6 124.6#





#10

Phenol

Concen: 4.168 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BP000254.D

Acq: 16 Sep 2019 22:25

Instrument :

BNA_P

ClientSampleId :

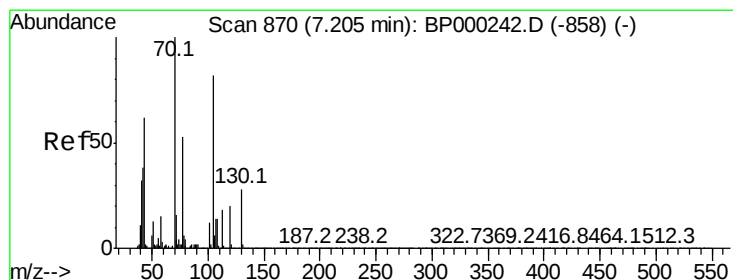
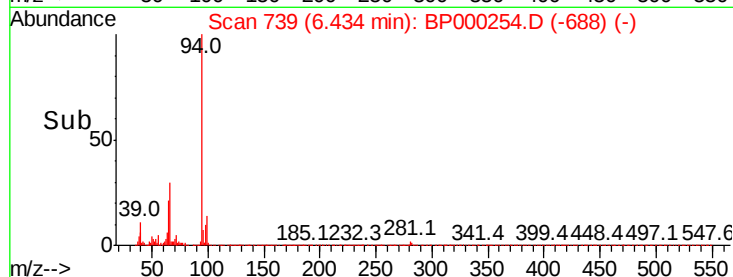
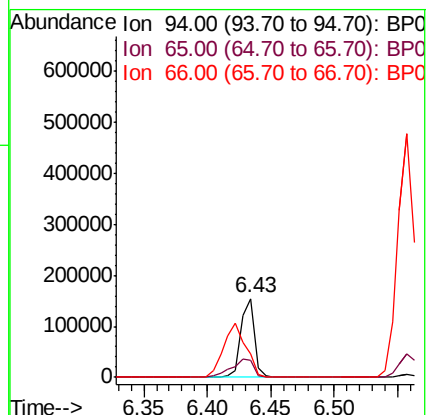
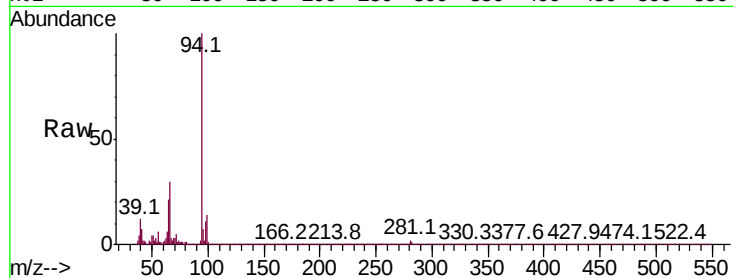
Tot Ion: 94 Resp: 111817

Ion Ratio Lower Upper

94 100

65 21.3 3.3 43.3

66 29.7 12.7 52.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.449 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BP000254.D

Acq: 16 Sep 2019 22:25

Tgt Ion: 70 Resp: 167909

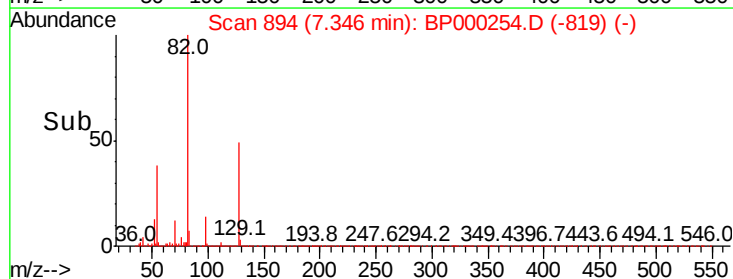
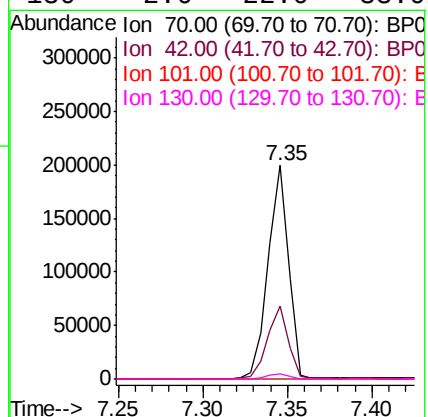
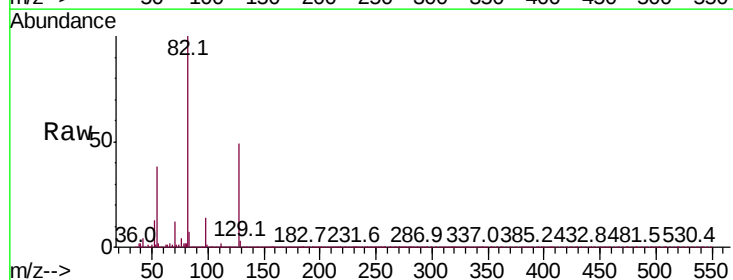
Ion Ratio Lower Upper

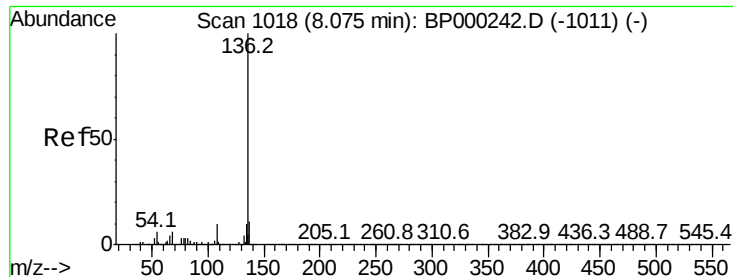
70 100

42 34.4 30.7 46.1

101 0.0 9.6 14.4#

130 2.6 22.0 33.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BP000254.D

Acq: 16 Sep 2019 22:25

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 1188083

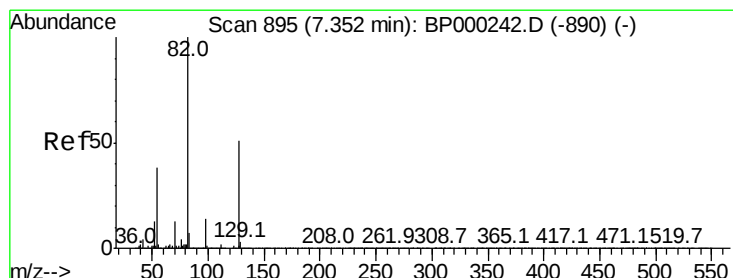
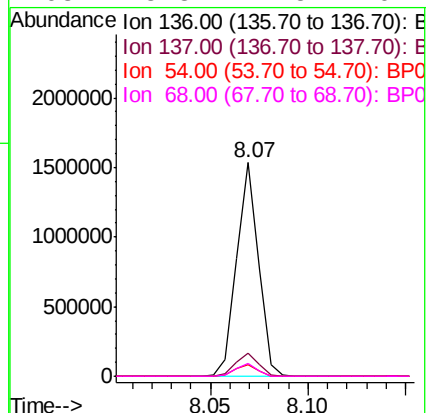
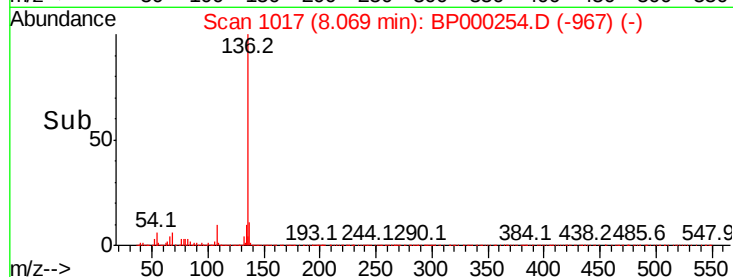
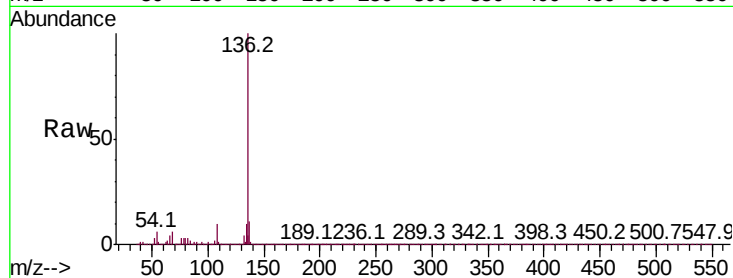
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 5.6 4.5 6.7

68 5.8 4.5 6.7



#23

Nitrobenzene-d5

Concen: 73.463 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BP000254.D

Acq: 16 Sep 2019 22:25

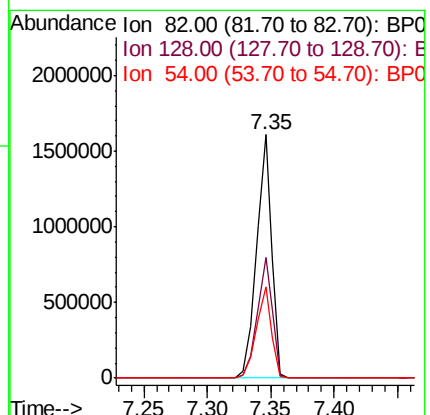
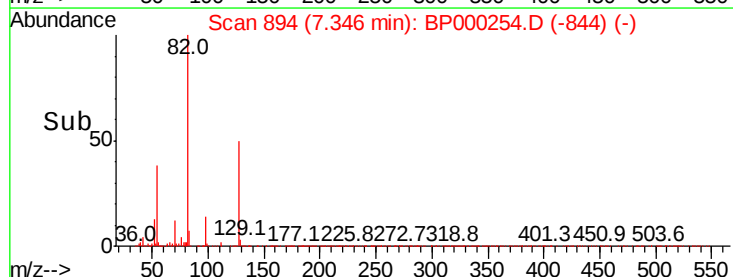
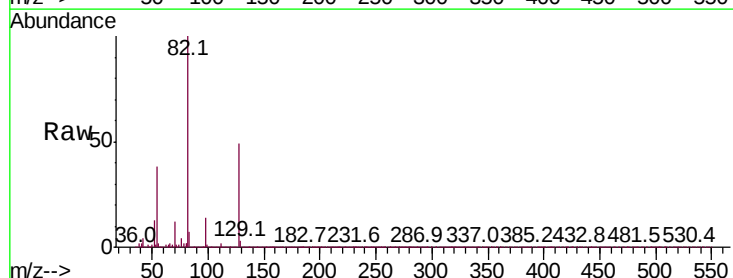
Tgt Ion: 82 Resp: 1352768

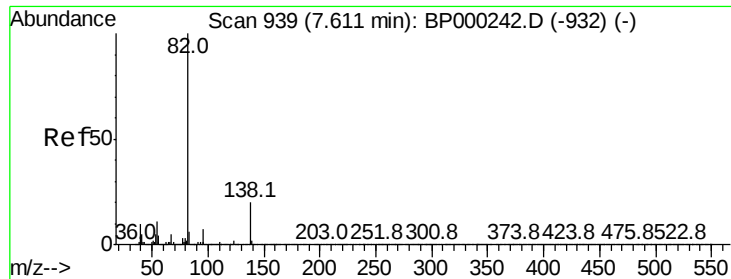
Ion Ratio Lower Upper

82 100

128 49.5 40.7 61.1

54 37.7 30.1 45.1





#25

Isophorone

Concen: 37.060 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000254.D

Acq: 16 Sep 2019 22:25

Instrument :

BNA_P

ClientSampleId :

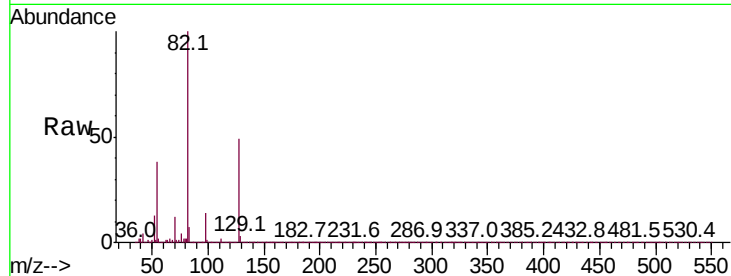
Tot Ion: 82 Resp: 1351312

Ion Ratio Lower Upper

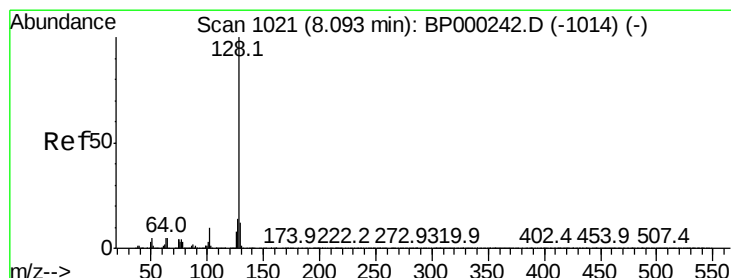
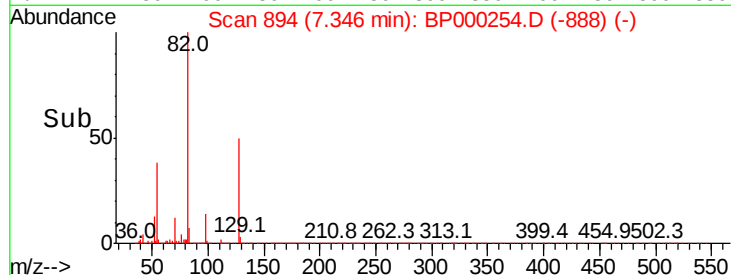
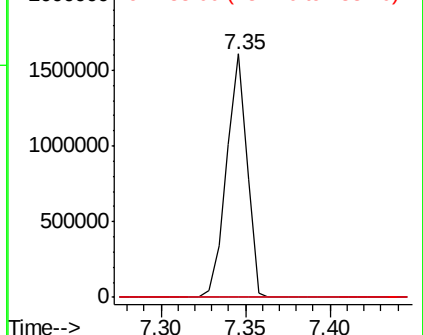
82 100

95 0.0 5.9 8.9#

138 0.0 15.9 23.9#



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 95.00 (94.70 to 95.70): BP0
Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 7.970 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BP000254.D

Acq: 16 Sep 2019 22:25

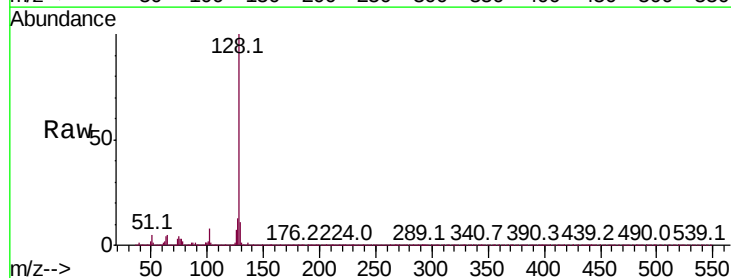
Tgt Ion:128 Resp: 438531

Ion Ratio Lower Upper

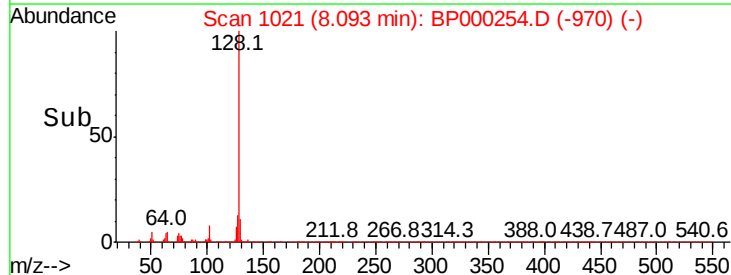
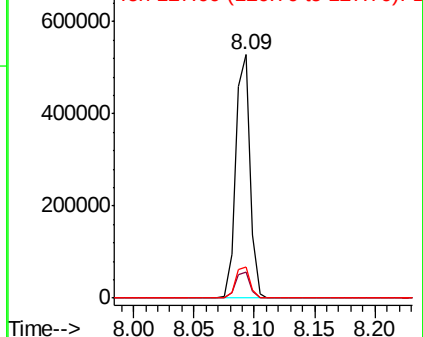
128 100

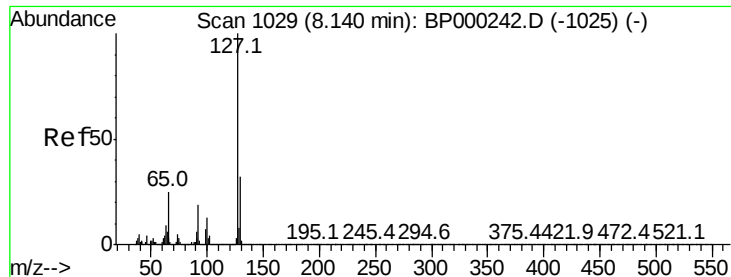
129 10.9 9.2 13.8

127 12.8 11.0 16.6



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

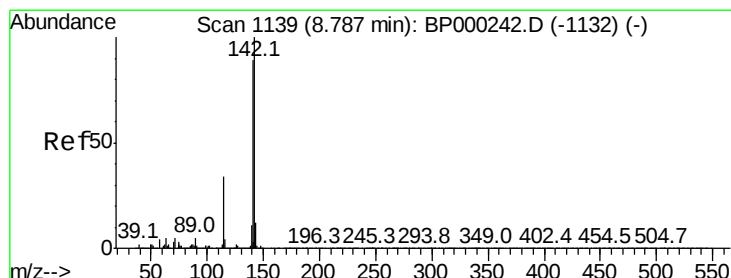
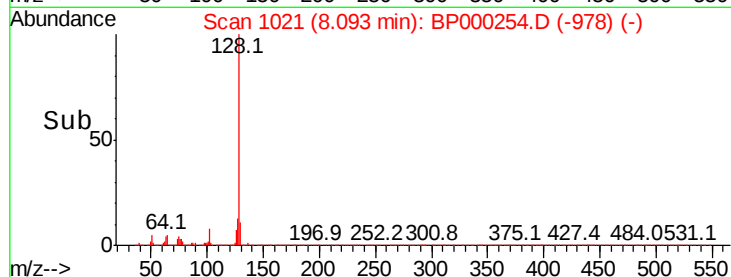
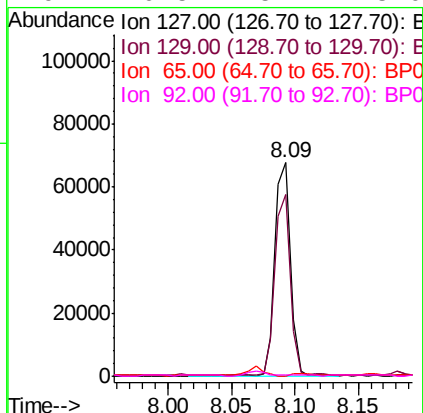
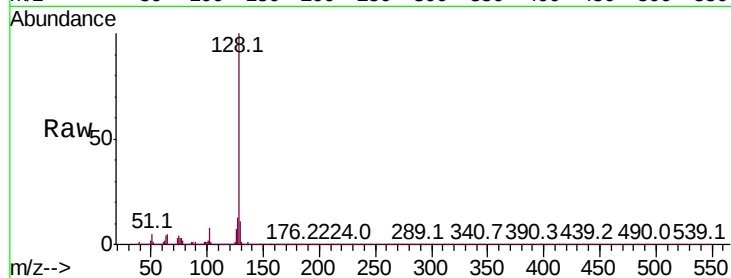




#33
4-Chloroaniline
Concen: 2.302 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.05 min
Lab File: BP000254.D
Acq: 16 Sep 2019 22:25

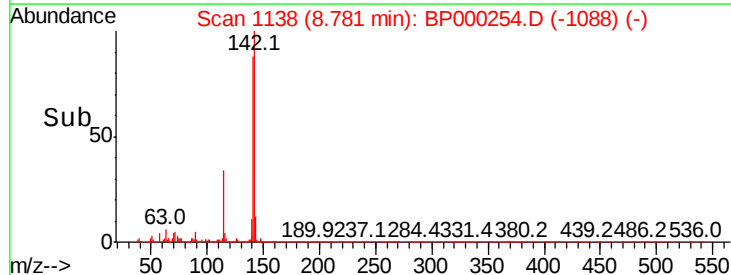
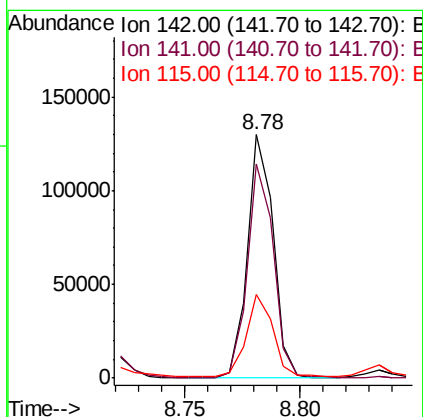
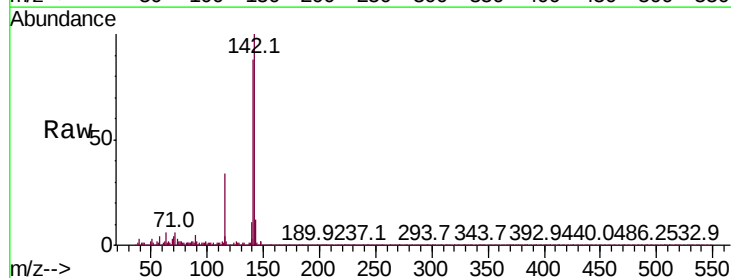
Instrument :
BNA_P
ClientSampled :

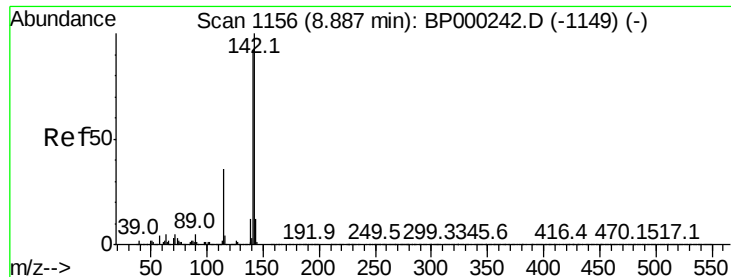
Tot Ion:	127	Resp:	57316
Ion	Ratio	Lower	Upper
127	100		
129	85.1	25.7	38.5#
65	0.0	19.9	29.9#
92	0.5	15.4	23.0#



#37
2-Methylnaphthalene
Concen: 2.696 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BP000254.D
Acq: 16 Sep 2019 22:25

Tgt Ion:	142	Resp:	101402
Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.3	106.9
115	34.5	27.2	40.8





#38

1-Methylnaphthalene

Concen: 3.694 ng

RT: 8.88 min Scan# 1155

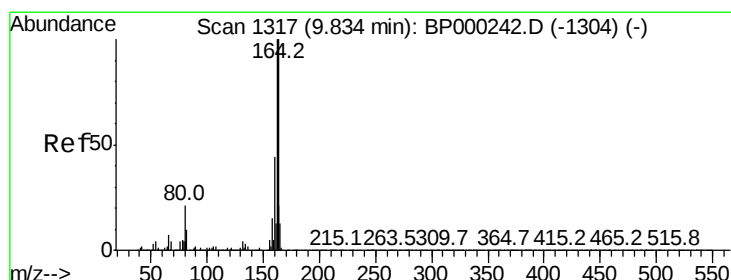
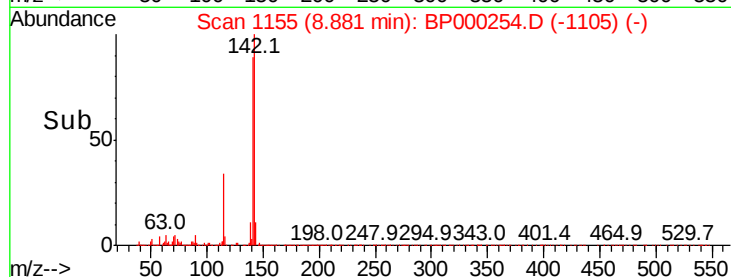
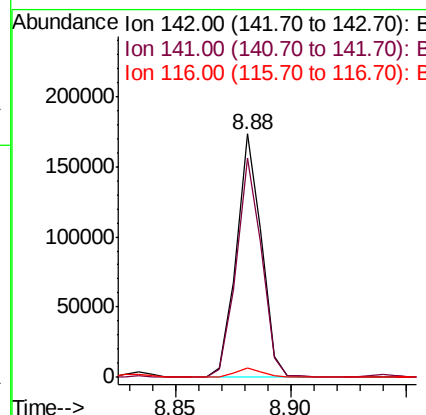
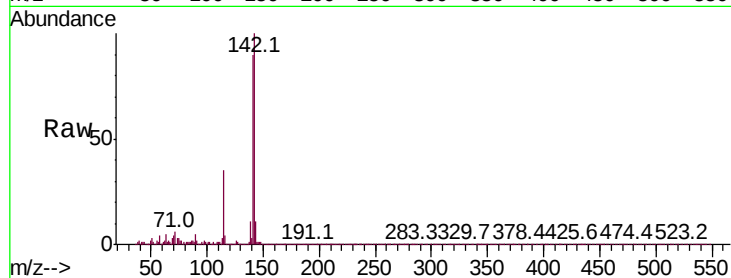
Delta R.T. -0.01 min

Lab File: BP000254.D

Acq: 16 Sep 2019 22:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.9	110.9
116	4.0	3.0	4.6



#39

Acenaphthene-d10

Concen: 20.000 ng

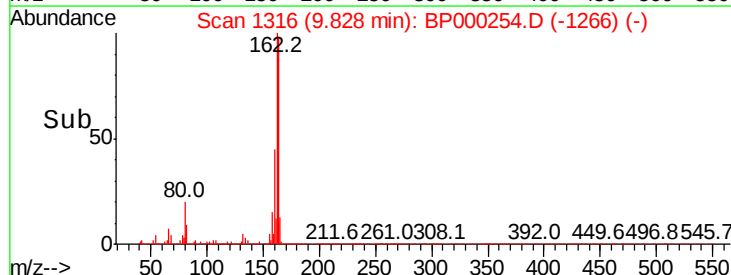
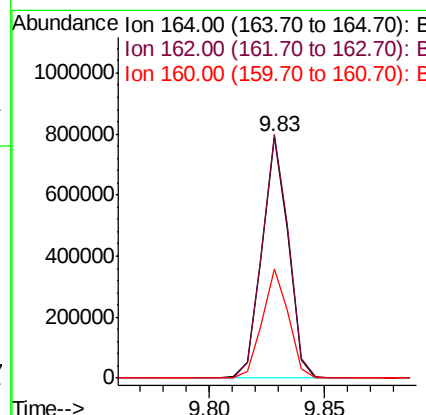
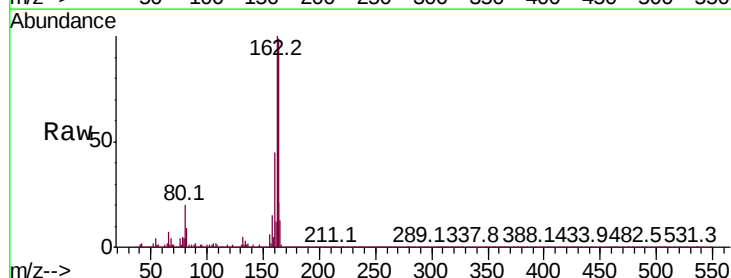
RT: 9.83 min Scan# 1316

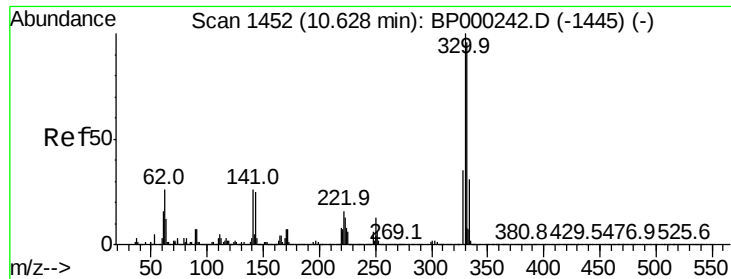
Delta R.T. -0.01 min

Lab File: BP000254.D

Acq: 16 Sep 2019 22:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	79.9	119.9
160	45.2	35.6	53.4

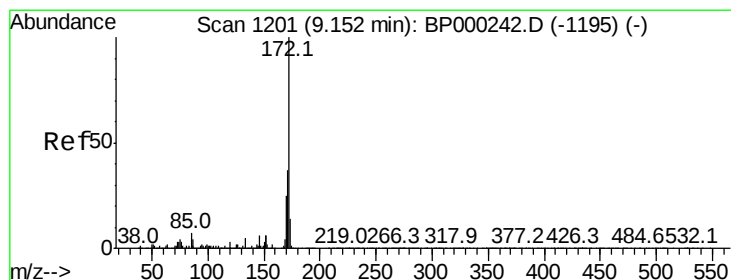
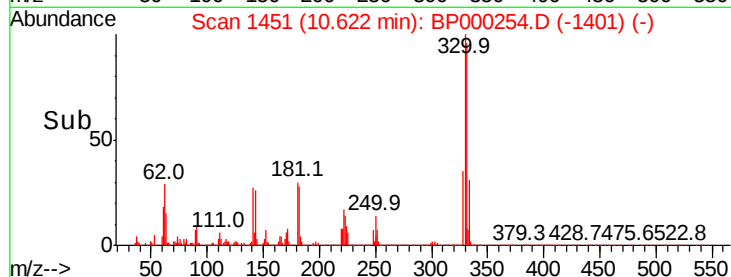
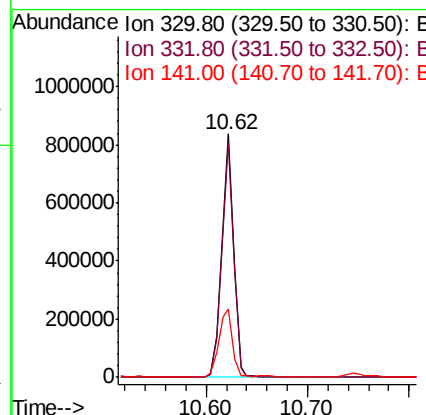
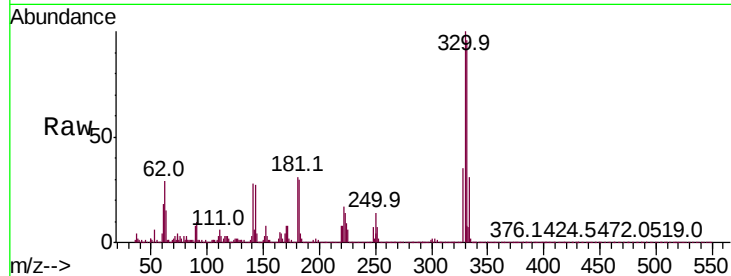




#42
 2,4,6-Tribromophenol
 Concen: 110.472 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BP000254.D
 Acq: 16 Sep 2019 22:25

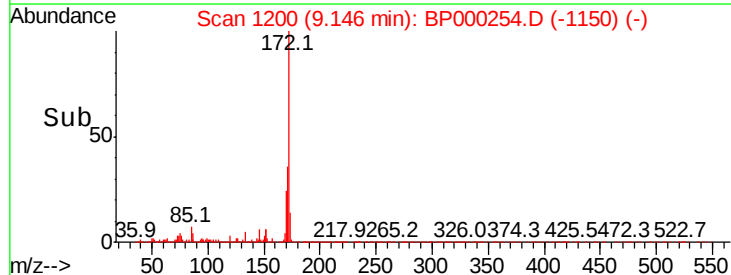
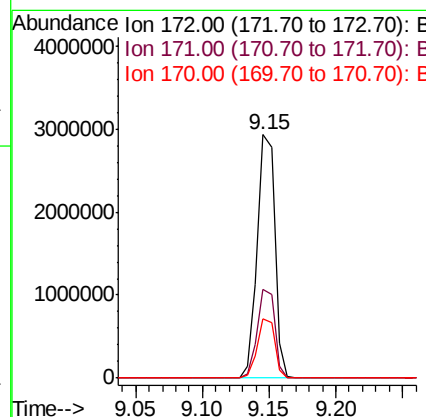
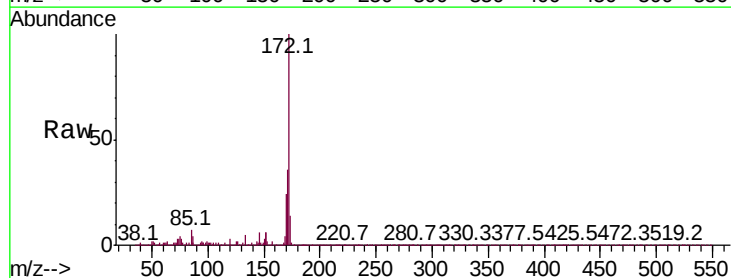
Instrument :
 BNA_P
 ClientSampleId :

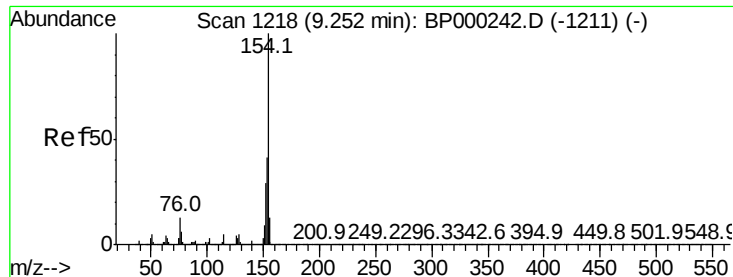
Tot Ion:330 Resp: 690118
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 30.7 26.5 39.7



#45
 2-Fluorobiphenyl
 Concen: 75.192 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BP000254.D
 Acq: 16 Sep 2019 22:25

Tgt Ion:172 Resp: 2631277
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.8 44.6
 170 24.3 19.8 29.6

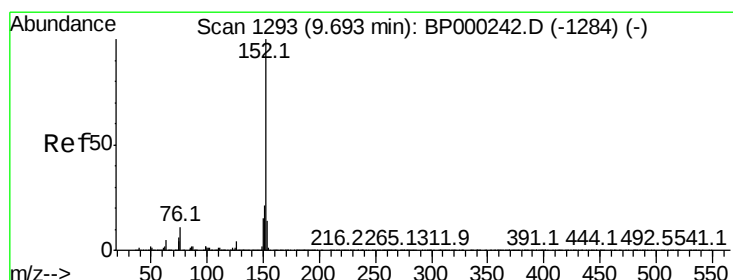
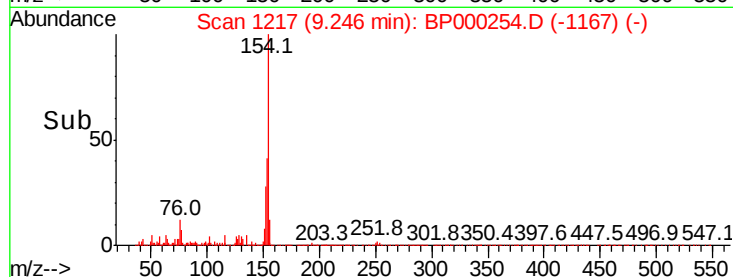
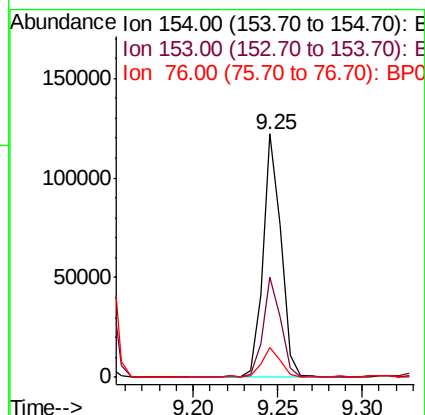
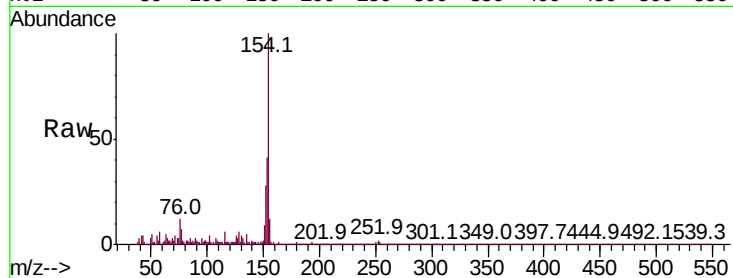




#46
1,1'-Biphenyl
Concen: 2.077 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP000254.D
Acq: 16 Sep 2019 22:25

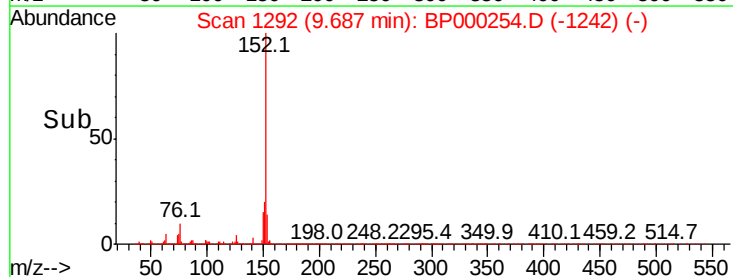
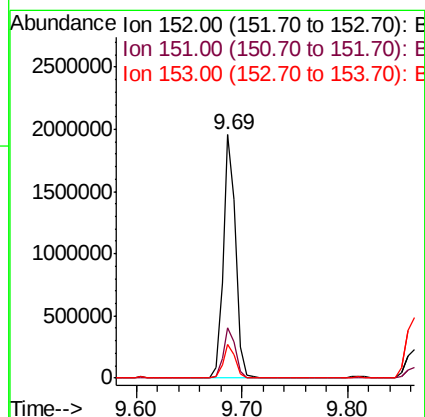
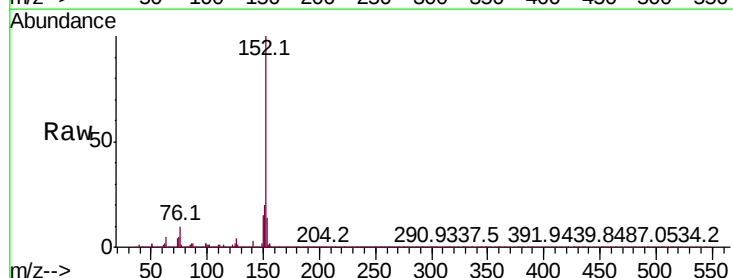
Instrument :
BNA_P
ClientSampleId :

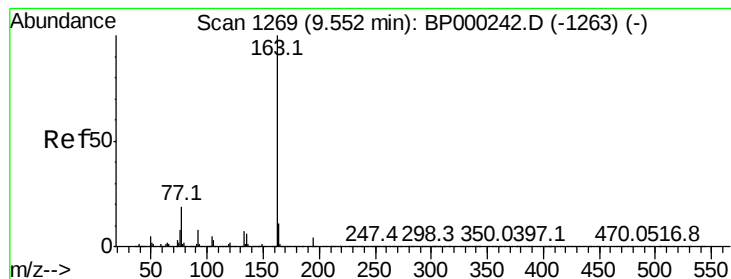
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.4	61.4
76	12.5	0.0	33.4



#49
Acenaphthylene
Concen: 29.365 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BP000254.D
Acq: 16 Sep 2019 22:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6
153	13.8	11.0	16.4





#50

Dimethylphthalate

Concen: 5.129 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BP000254.D

Acq: 16 Sep 2019 22:25

Instrument :

BNA_P

ClientSampleId :

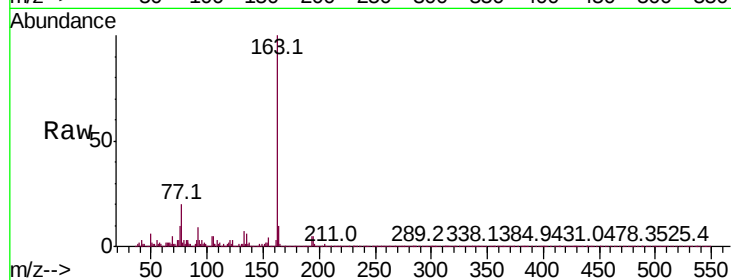
Tot Ion:163 Resp: 220089

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

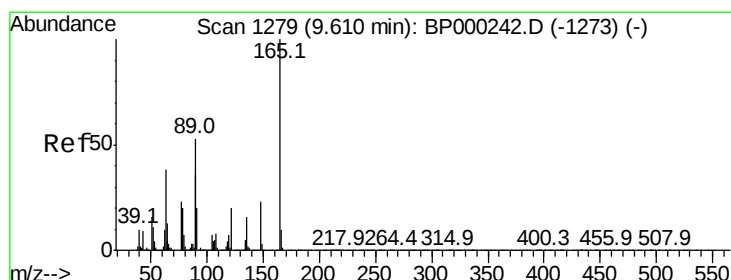
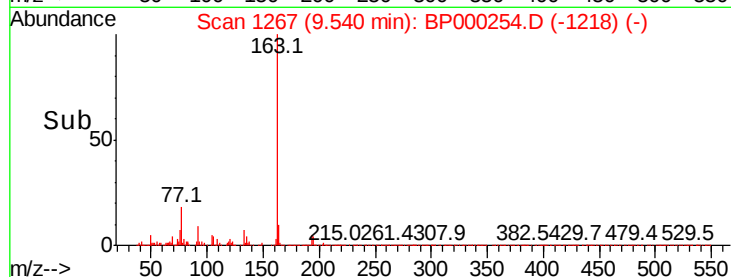
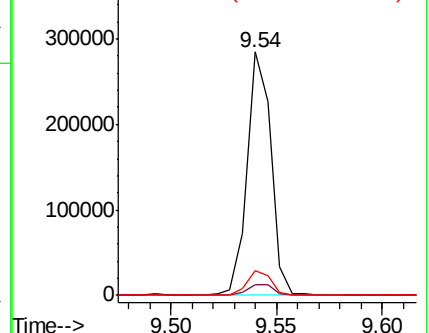
164 10.2 8.5 12.7



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: 10.023 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.22 min

Lab File: BP000254.D

Acq: 16 Sep 2019 22:25

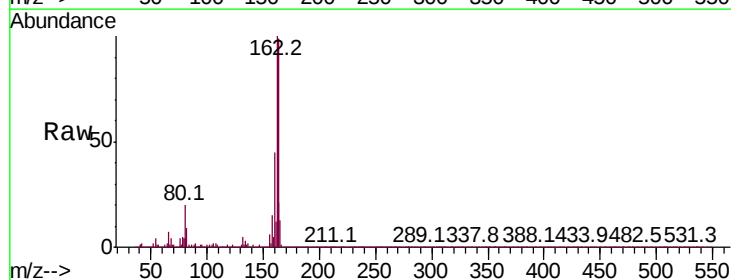
Tgt Ion:165 Resp: 94567

Ion Ratio Lower Upper

165 100

63 1.3 35.8 53.8#

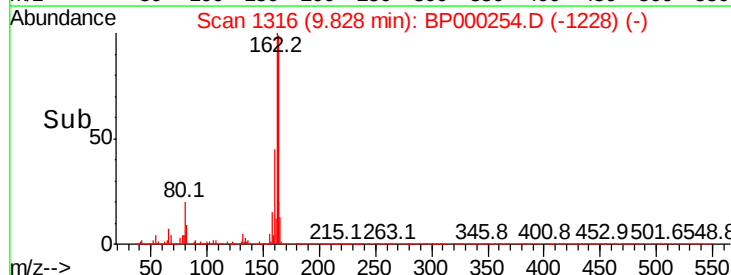
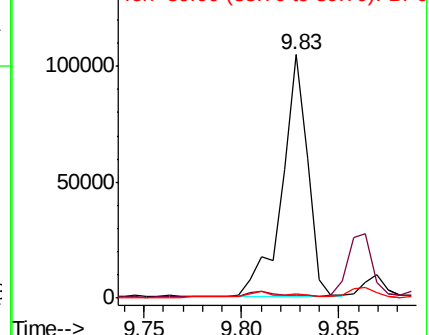
89 1.7 42.6 63.8#

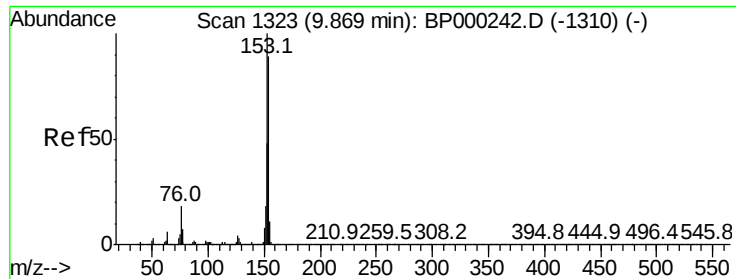


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0





#52

Acenaphthene

Concen: 9.999 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BP000254.D

Acq: 16 Sep 2019 22:25

Instrument :

BNA_P

ClientSampleId :

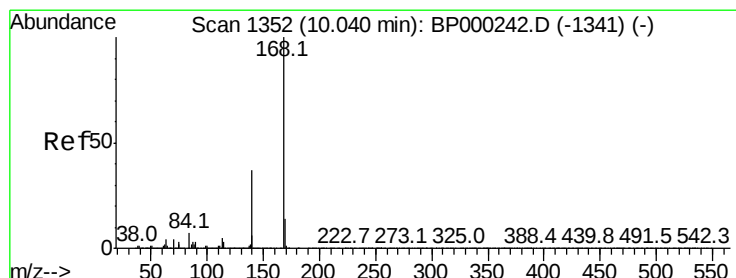
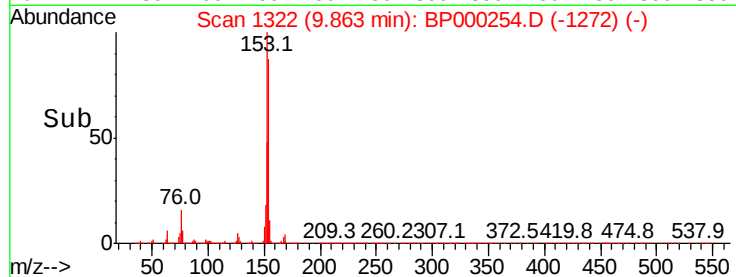
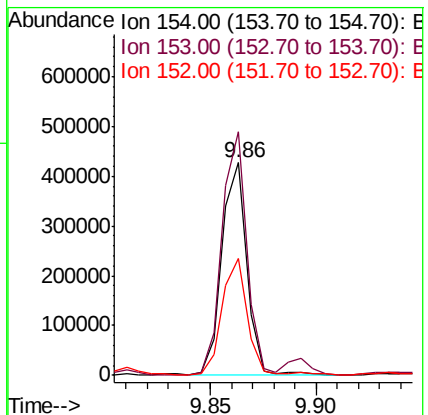
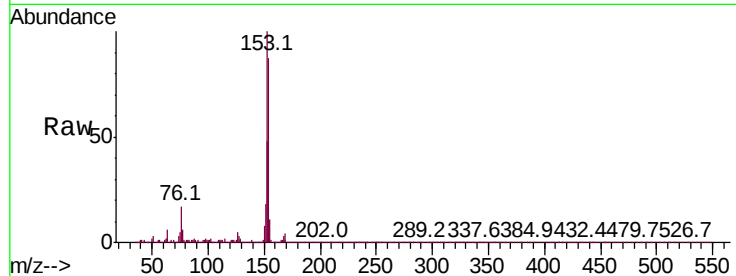
Tot Ion:154 Resp: 346669

Ion Ratio Lower Upper

154 100

153 114.6 89.8 134.6

152 55.0 43.4 65.0



#55

Dibenzofuran

Concen: 15.437 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BP000254.D

Acq: 16 Sep 2019 22:25

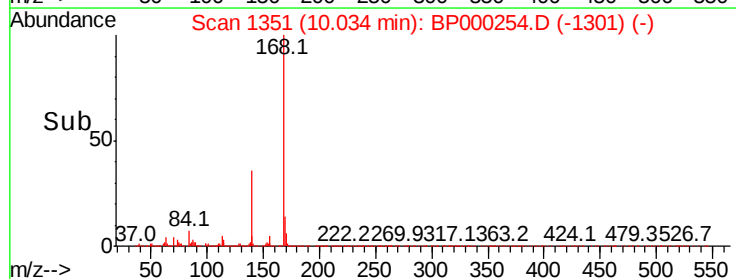
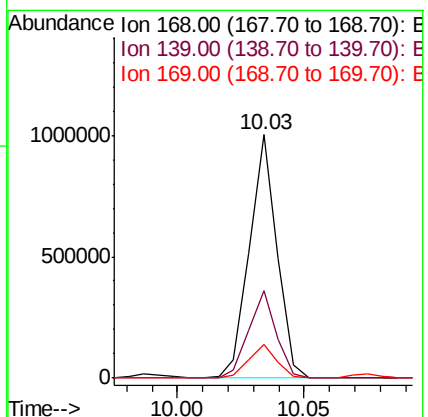
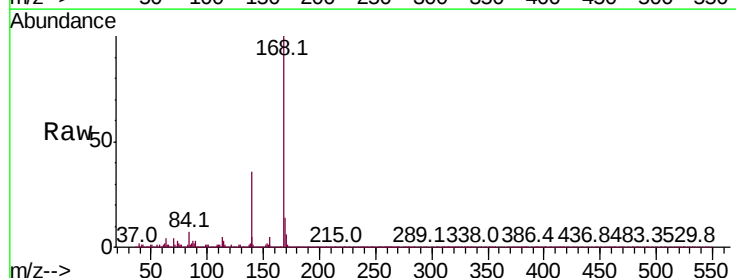
Tgt Ion:168 Resp: 756592

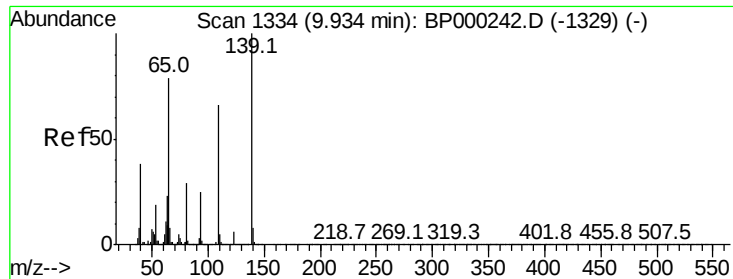
Ion Ratio Lower Upper

168 100

139 35.8 30.0 45.0

169 14.1 11.0 16.6

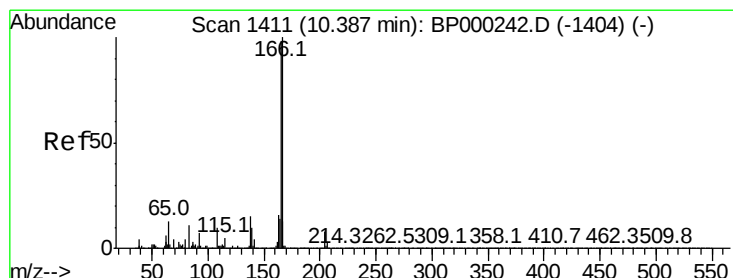
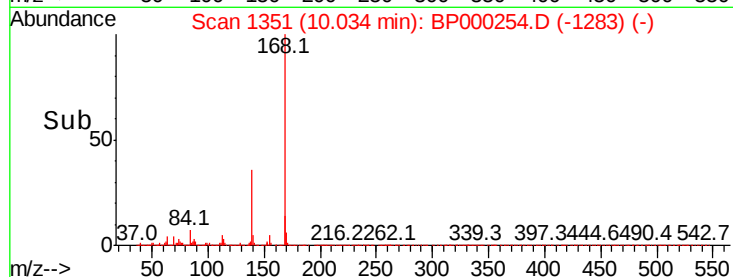
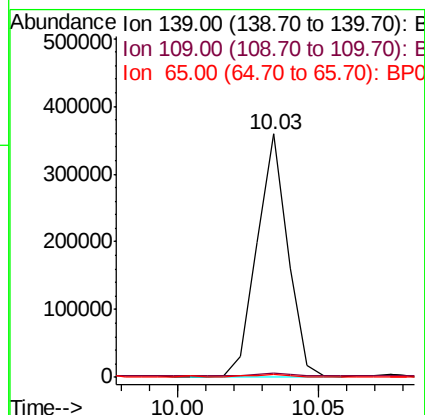
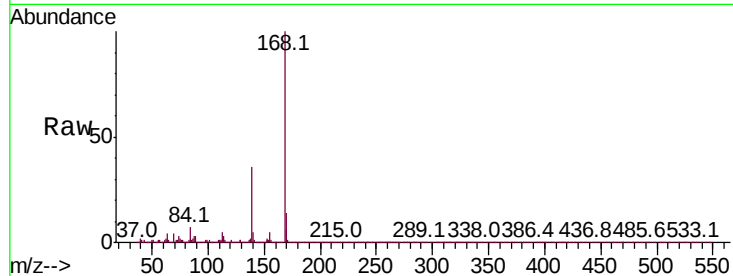




#56
4-Nitrophenol
Concen: 33.267 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.10 min
Lab File: BP000254.D
Acq: 16 Sep 2019 22:25

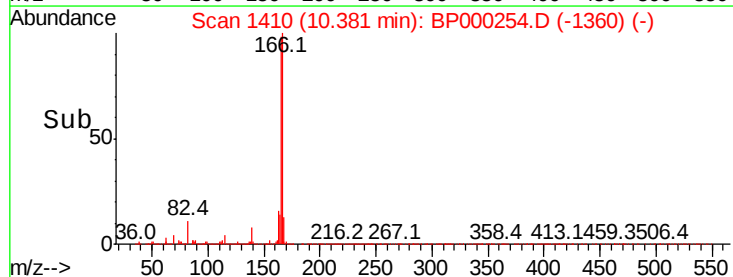
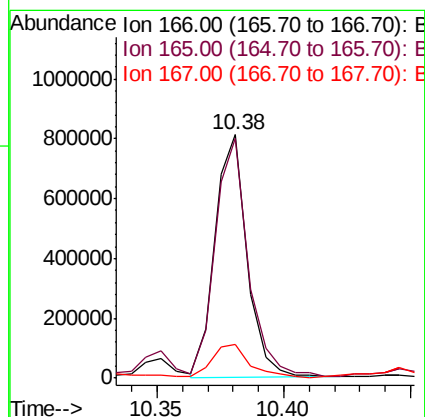
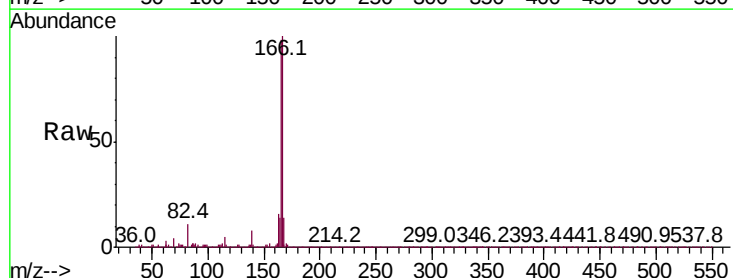
Instrument :
BNA_P
ClientSampleId :

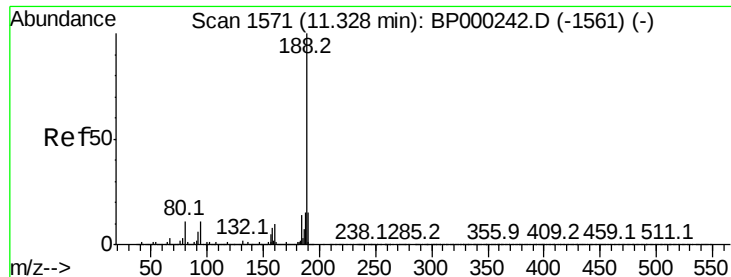
Tot Ion	Ratio	Lower	Upper
139	100		
109	1.6	46.2	86.2#
65	1.5	59.4	99.4#



#58
Fluorene
Concen: 18.864 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BP000254.D
Acq: 16 Sep 2019 22:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.2	117.2
167	13.6	10.7	16.1

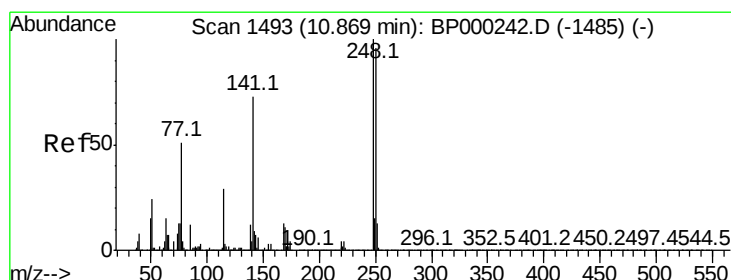
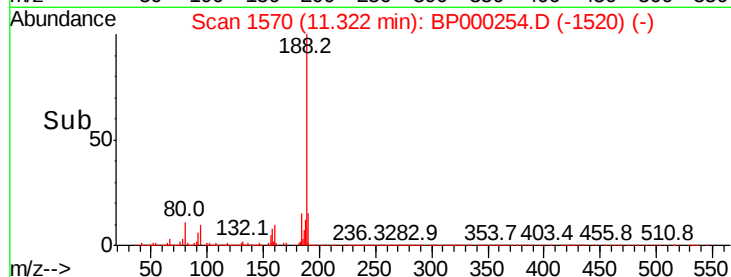
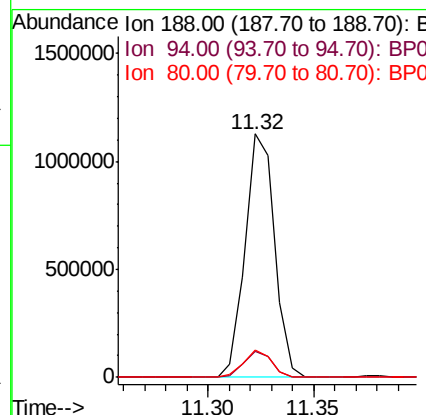
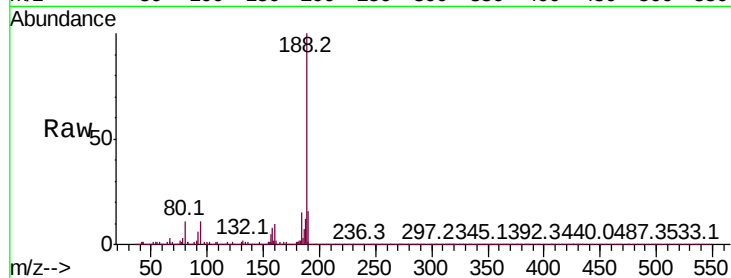




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BP000254.D
Acq: 16 Sep 2019 22:25

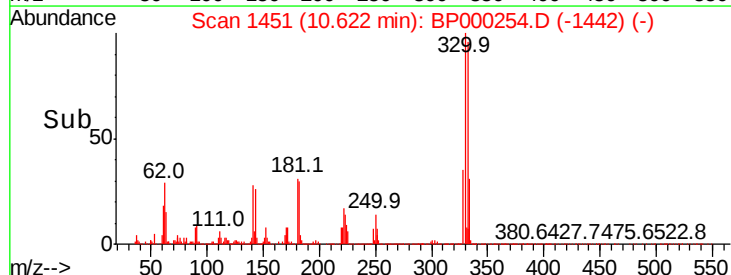
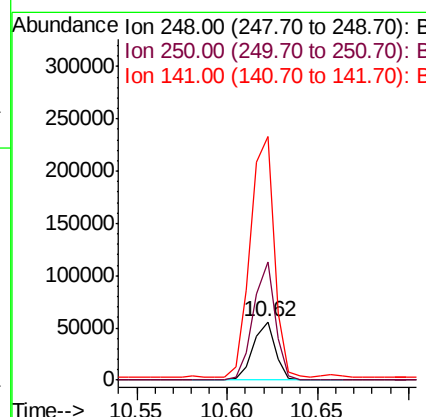
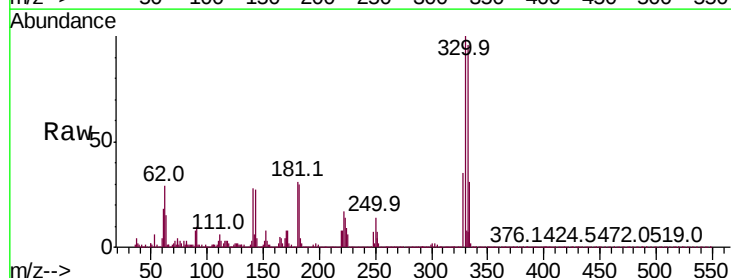
Instrument :
BNA_P
ClientSampleId :

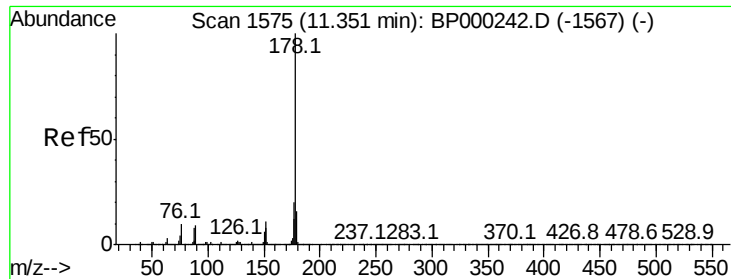
Tot Ion:188 Resp: 1086199
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.0 8.6 13.0



#67
4-Bromophenyl-phenylether
Concen: 3.894 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BP000254.D
Acq: 16 Sep 2019 22:25

Tgt Ion:248 Resp: 47826
Ion Ratio Lower Upper
248 100
250 203.5 77.0 115.4#
141 417.2 58.5 87.7#

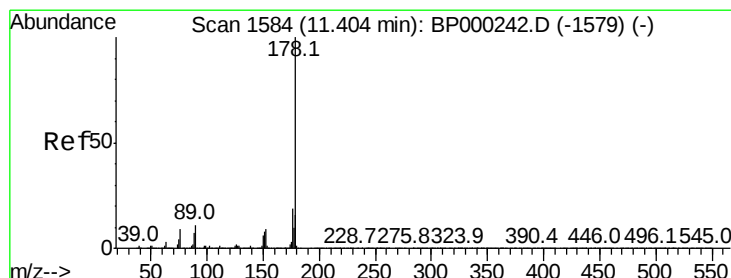
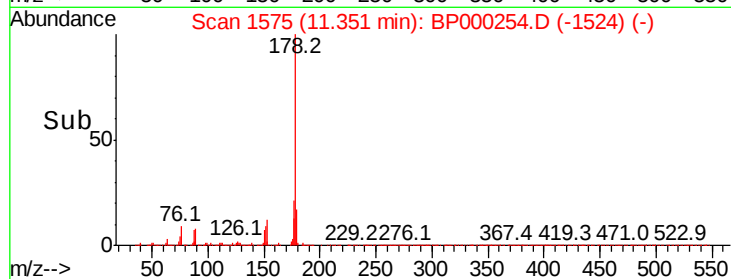
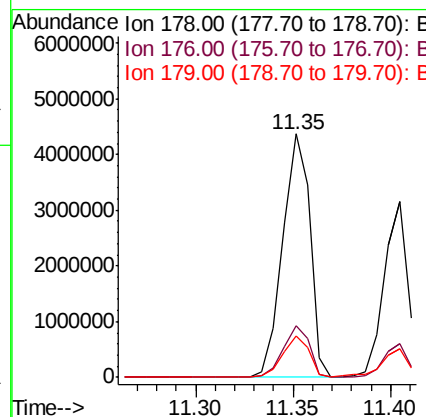
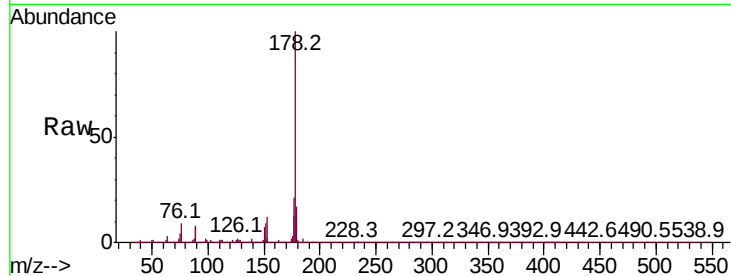




#71
Phenanthrene
Concen: 77.482 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BP000254.D
Acq: 16 Sep 2019 22:25

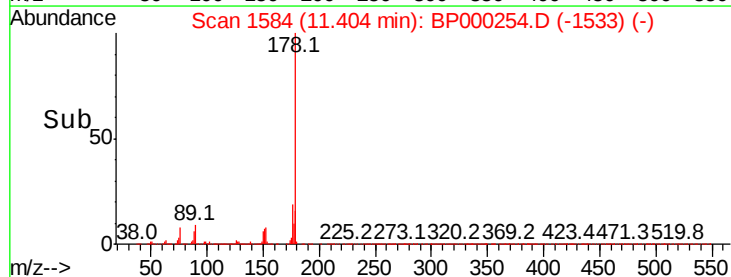
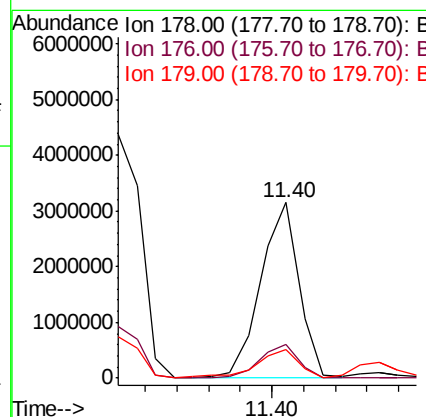
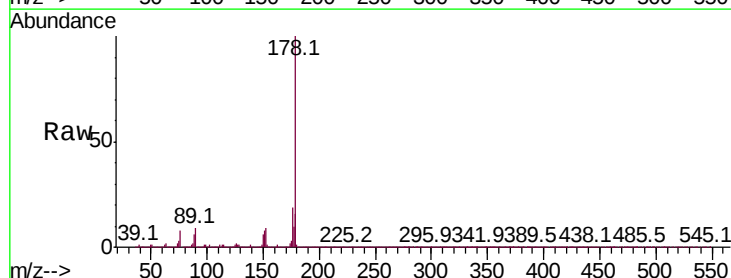
Instrument :
BNA_P
ClientSampled :

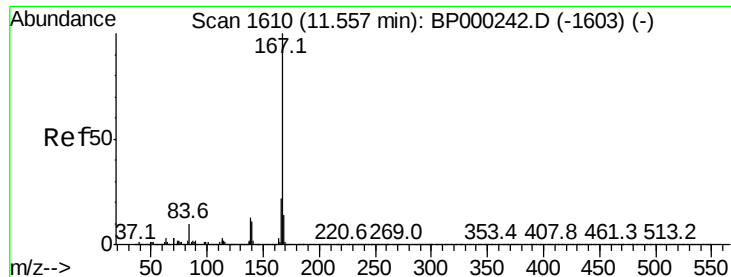
Tot Ion:178 Resp: 4217539
Ion Ratio Lower Upper
178 100
176 21.3 15.8 23.8
179 17.1 12.7 19.1



#72
Anthracene
Concen: 47.004 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BP000254.D
Acq: 16 Sep 2019 22:25

Tgt Ion:178 Resp: 2633538
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 16.3 12.7 19.1

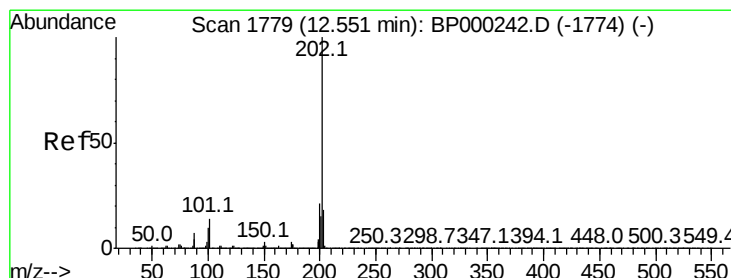
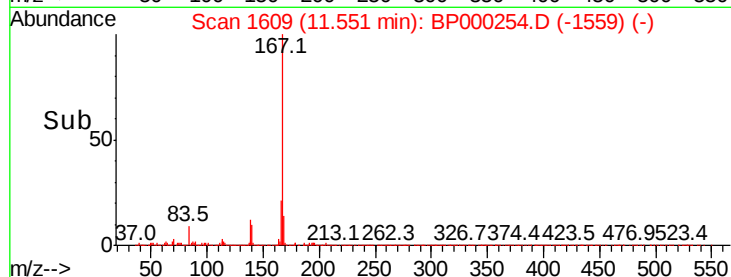
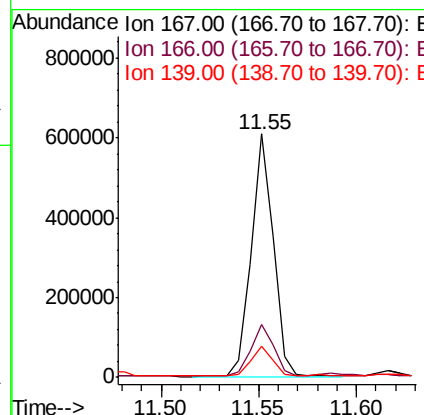
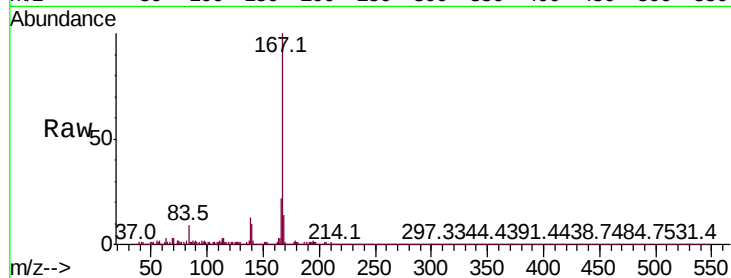




#73
 Carbazole
 Concen: 9.434 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BP000254.D
 Acq: 16 Sep 2019 22:25

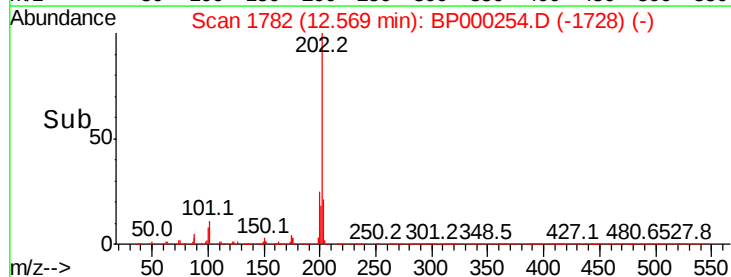
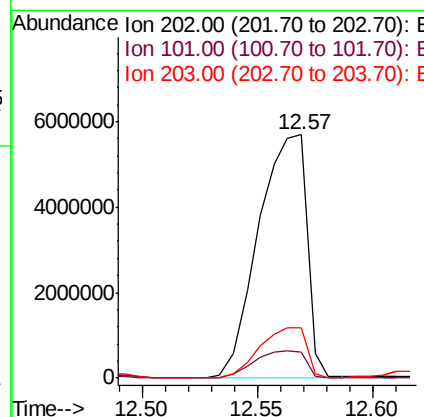
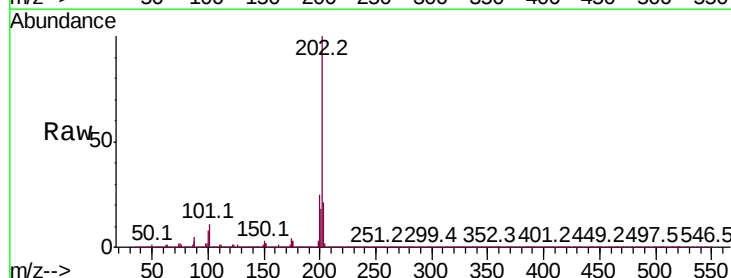
Instrument :
 BNA_P
 ClientSampleId :

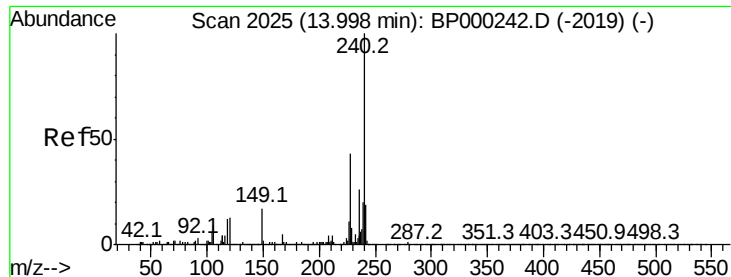
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	12.8	10.8	16.2



#75
 Fluoranthene
 Concen: 141.040 ng
 RT: 12.57 min Scan# 1782
 Delta R.T. 0.02 min
 Lab File: BP000254.D
 Acq: 16 Sep 2019 22:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	33.9
203	20.7	0.0	38.0

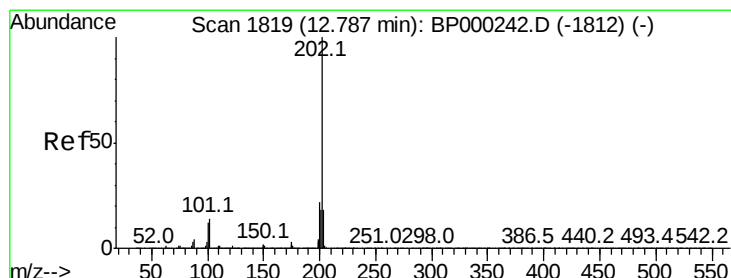
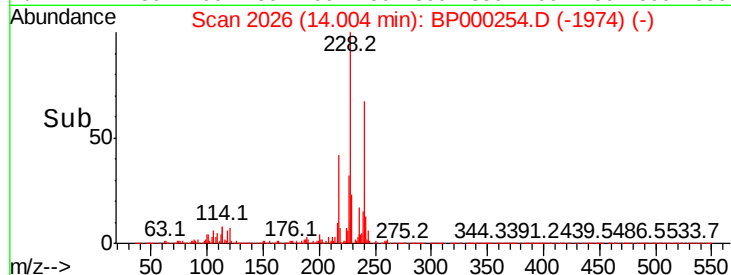
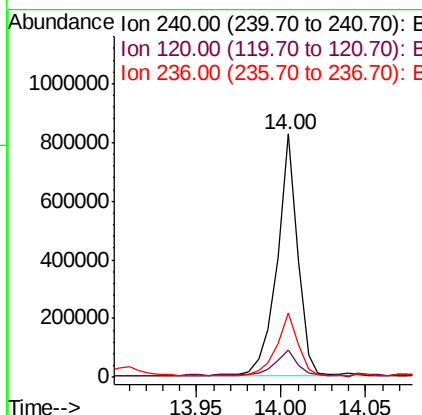
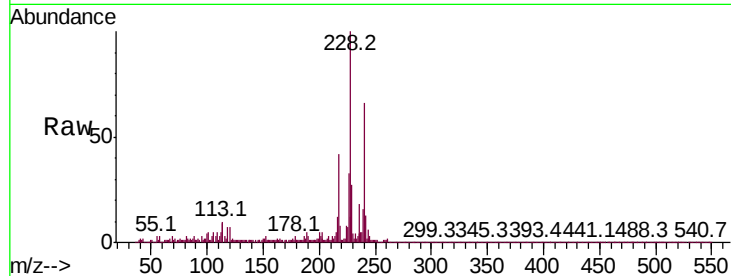




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BP000254.D
 Acq: 16 Sep 2019 22:25

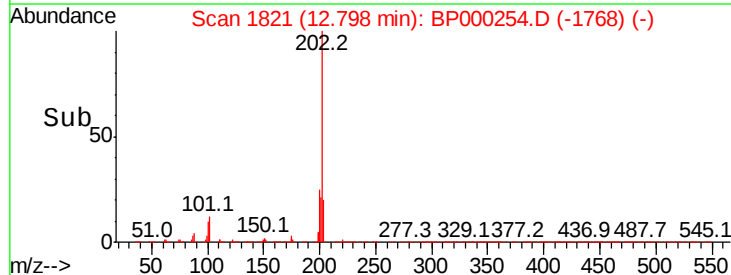
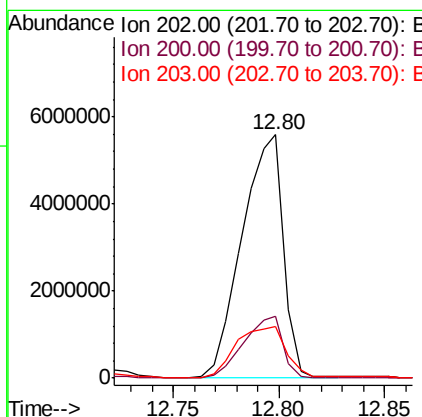
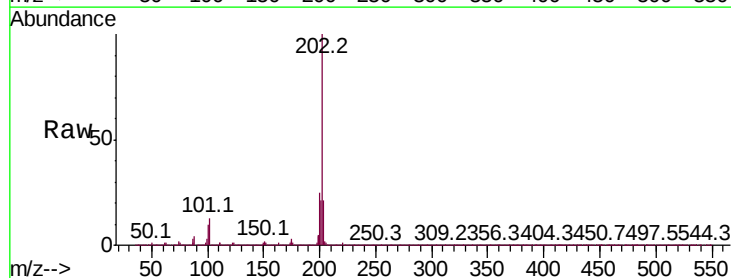
Instrument :
 BNA_P
 ClientSampleId :

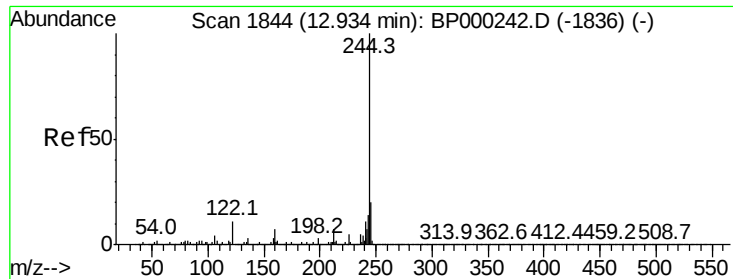
Tot Ion:240 Resp: 684192
 Ion Ratio Lower Upper
 240 100
 120 11.3 10.4 15.6
 236 26.7 21.0 31.6



#78
 Pyrene
 Concen: 147.675 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.01 min
 Lab File: BP000254.D
 Acq: 16 Sep 2019 22:25

Tgt Ion:202 Resp: 7559327
 Ion Ratio Lower Upper
 202 100
 200 25.4 17.5 26.3
 203 21.0 14.3 21.5





#79

Terphenyl-d14

Concen: 79.124 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000254.D

Acq: 16 Sep 2019 22:25

Instrument :

BNA_P

ClientSampleId :

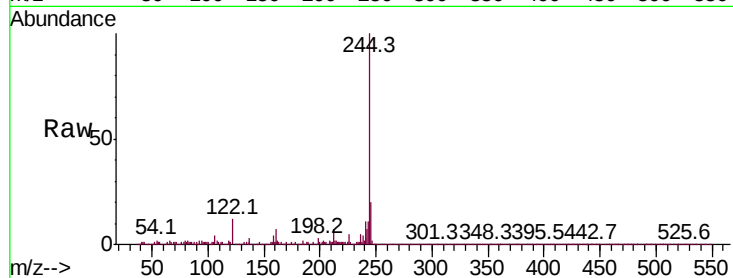
Tot Ion:244 Resp: 2580568

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

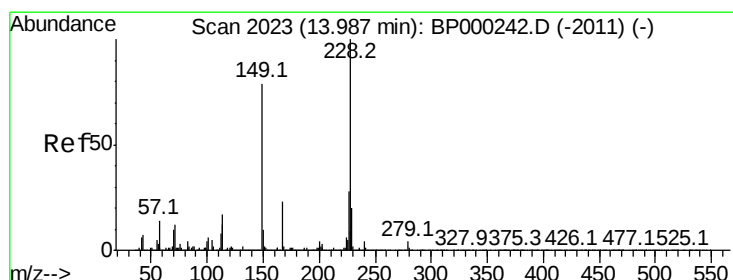
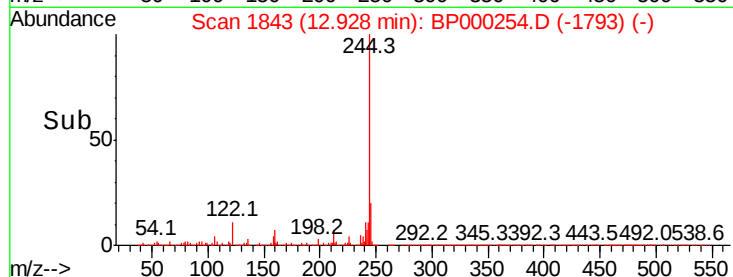
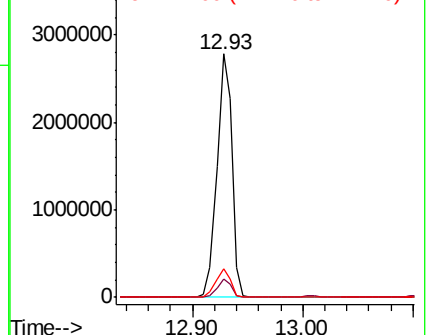
122 11.6 9.0 13.4



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: 98.824 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.05 min

Lab File: BP000254.D

Acq: 16 Sep 2019 22:25

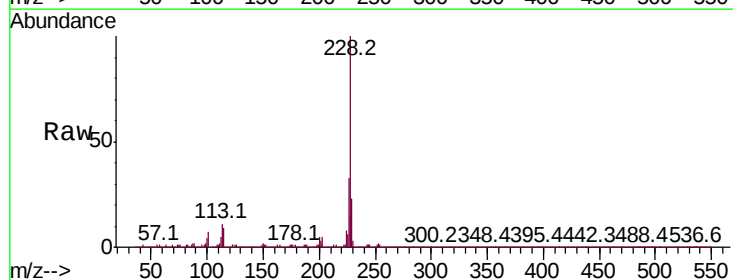
Tgt Ion:228 Resp: 4271028

Ion Ratio Lower Upper

228 100

226 33.2 22.2 33.4

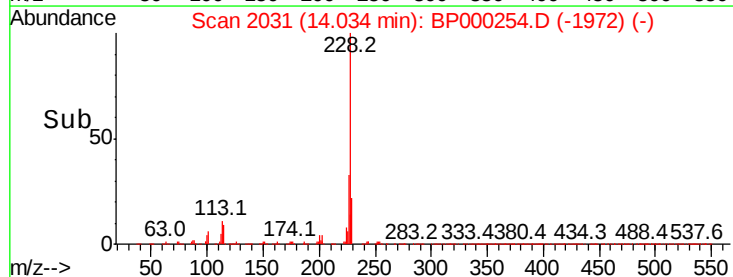
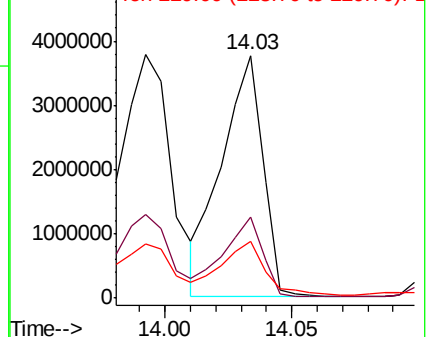
229 23.3 16.0 24.0

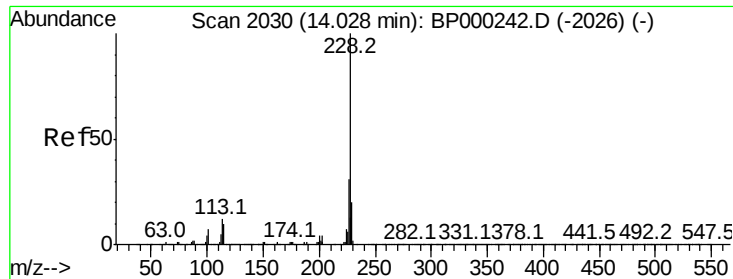


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

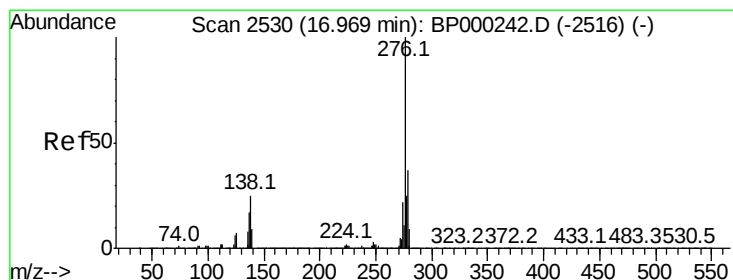
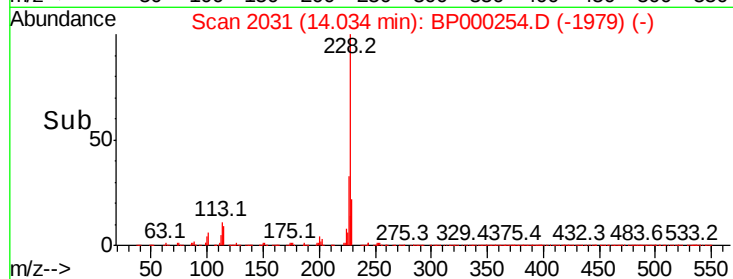
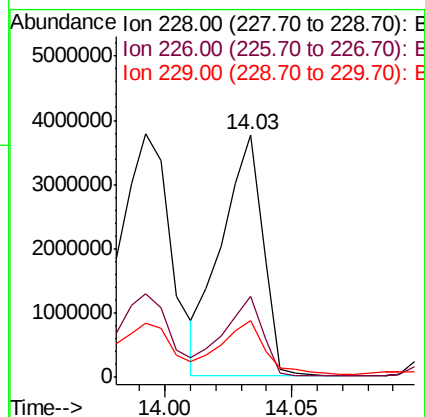
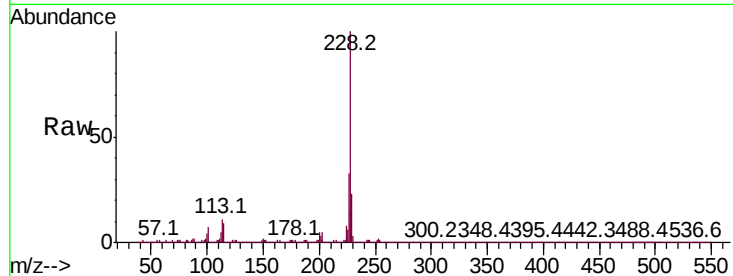




#83
Chrysene
Concen: 100.650 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BP000254.D
Acq: 16 Sep 2019 22:25

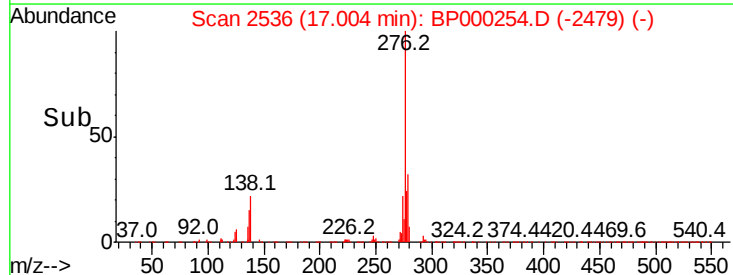
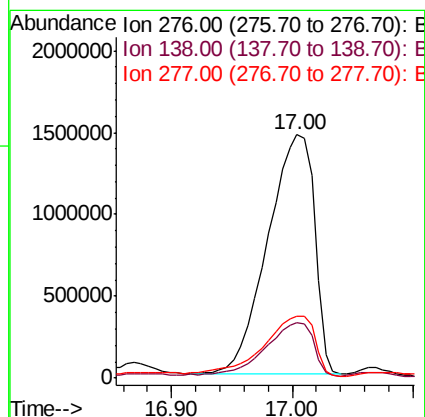
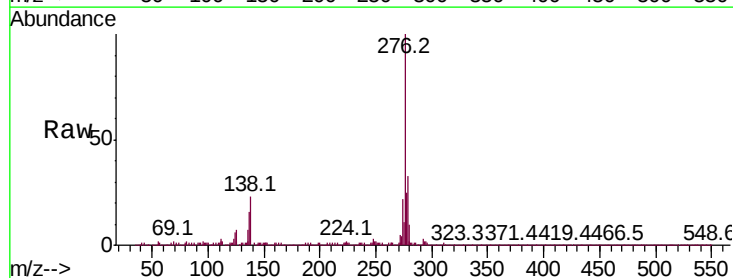
Instrument :
BNA_P
ClientSampleId :

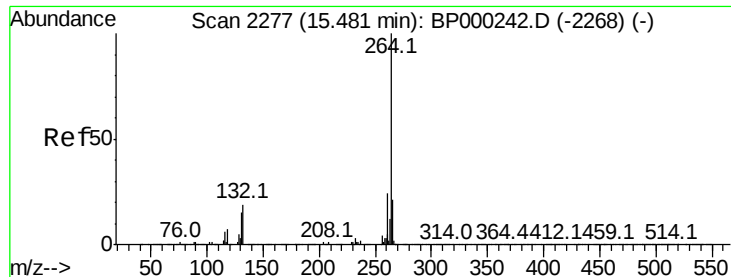
Tot Ion:228 Resp: 4271028
Ion Ratio Lower Upper
228 100
226 33.2 24.9 37.3
229 23.3 16.2 24.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 76.287 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.04 min
Lab File: BP000254.D
Acq: 16 Sep 2019 22:25

Tgt Ion:276 Resp: 3945903
Ion Ratio Lower Upper
276 100
138 22.7 22.6 33.8
277 27.9 20.4 30.6

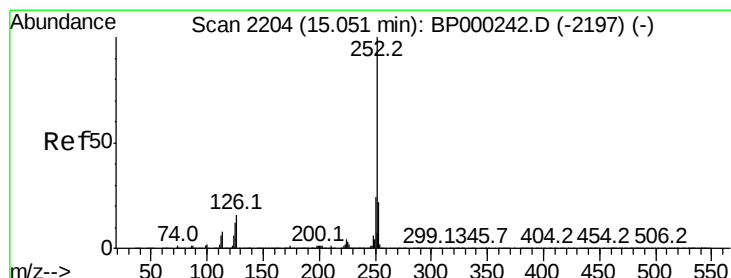
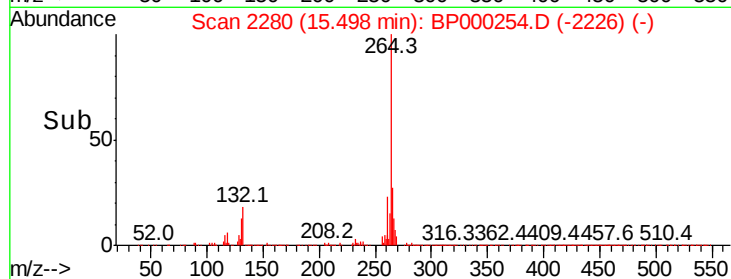
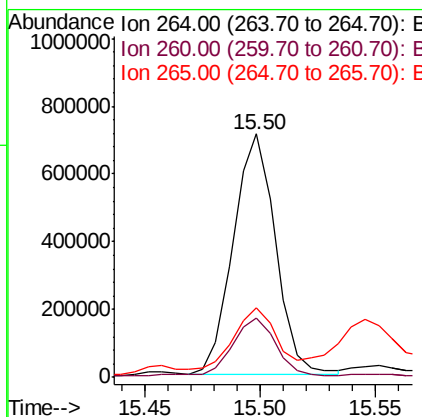
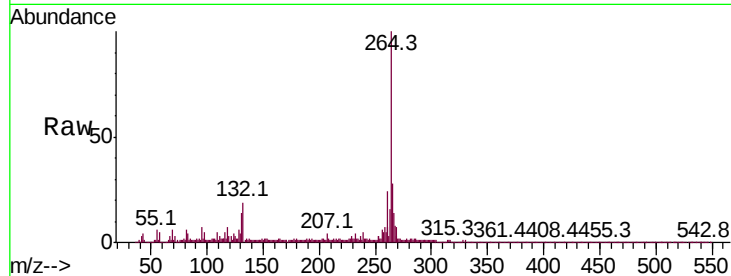




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BP000254.D
Acq: 16 Sep 2019 22:25

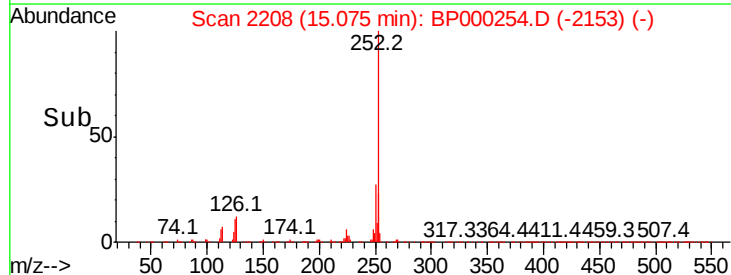
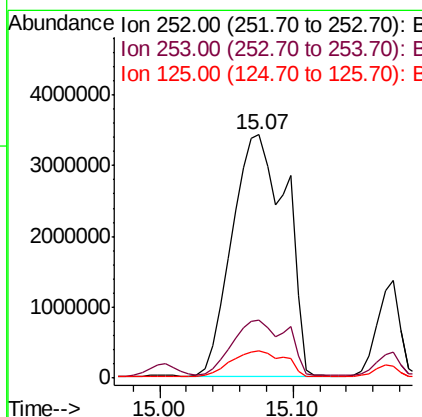
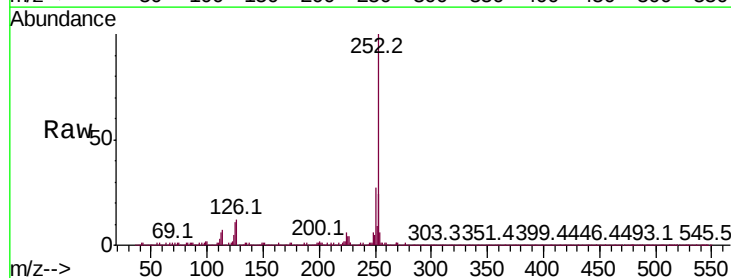
Instrument :
BNA_P
ClientSampled :

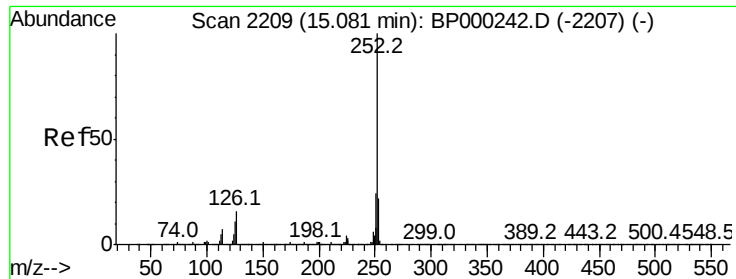
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	28.3	17.2	25.8#



#88
Benzo(b)fluoranthene
Concen: 179.076 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.02 min
Lab File: BP000254.D
Acq: 16 Sep 2019 22:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	11.2	9.5	14.3

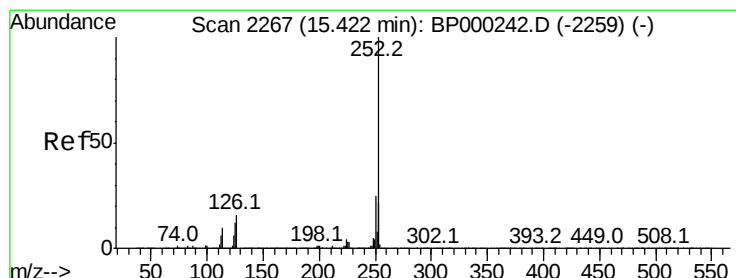
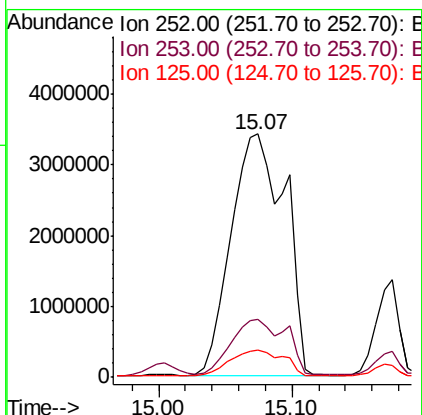
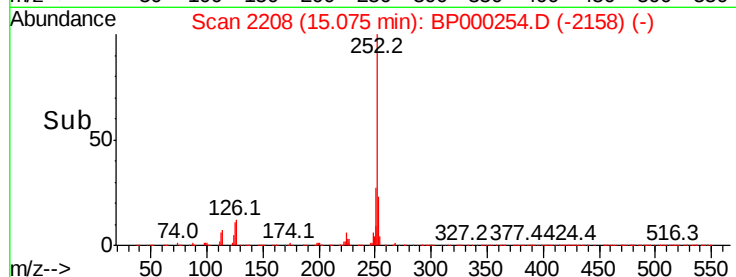
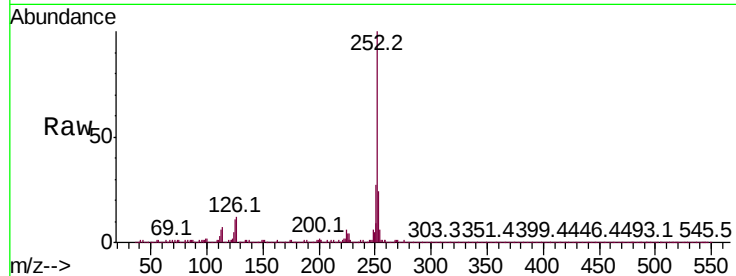




#89
Benzo(k)fluoranthene
Concen: 205.294 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BP000254.D
Acq: 16 Sep 2019 22:25

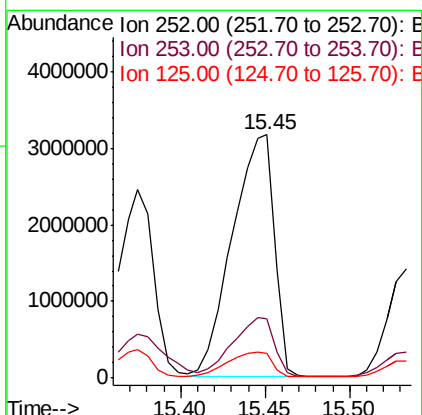
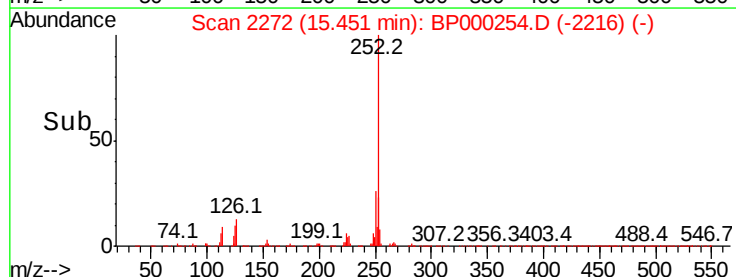
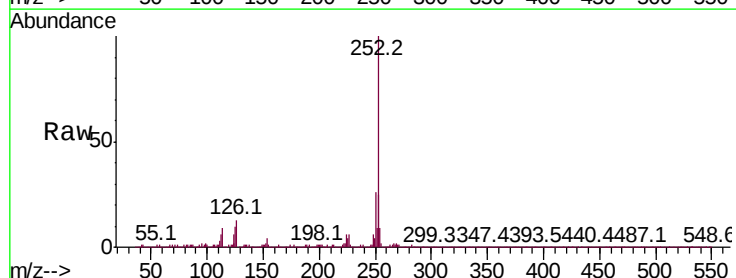
Instrument :
BNA_P
ClientSampleId :

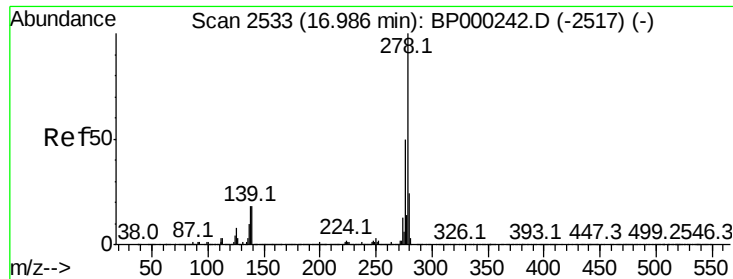
Tot Ion:252 Resp: 9673954
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 11.2 9.6 14.4



#90
Benzo(a)pyrene
Concen: 111.404 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.03 min
Lab File: BP000254.D
Acq: 16 Sep 2019 22:25

Tgt Ion:252 Resp: 5476073
Ion Ratio Lower Upper
252 100
253 24.5 17.7 26.5
125 10.3 10.0 15.0





#91

Dibenzo(a,h)anthracene

Concen: 18.950 ng

RT: 17.16 min Scan# 2563

Delta R.T. 0.18 min

Lab File: BP000254.D

Acq: 16 Sep 2019 22:25

Instrument :

BNA_P

ClientSampleId :

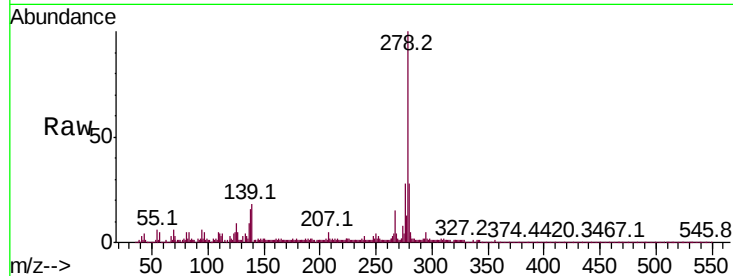
Tot Ion:278 Resp: 868444

Ion Ratio Lower Upper

278 100

139 18.0 14.5 21.7

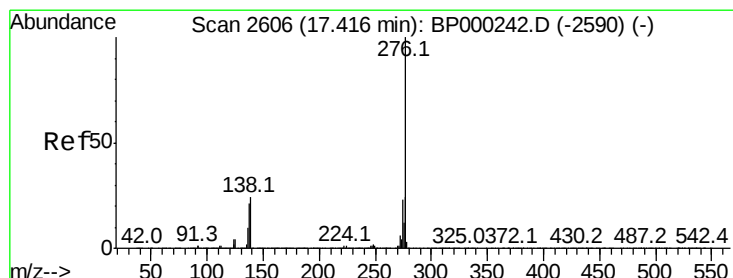
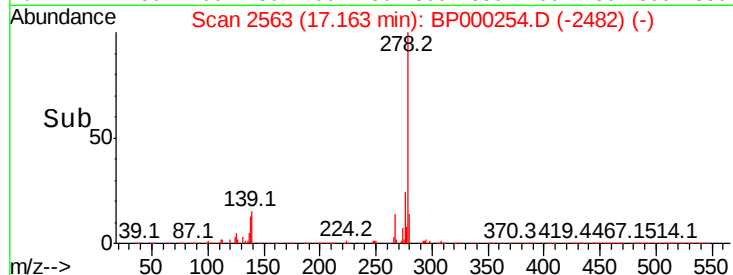
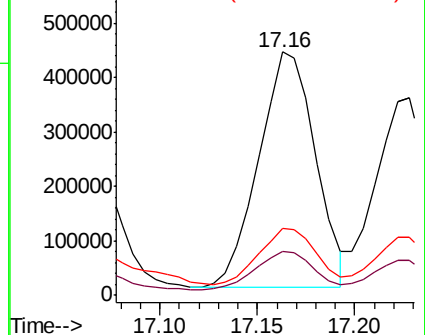
279 27.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 79.694 ng

RT: 17.46 min Scan# 2613

Delta R.T. 0.04 min

Lab File: BP000254.D

Acq: 16 Sep 2019 22:25

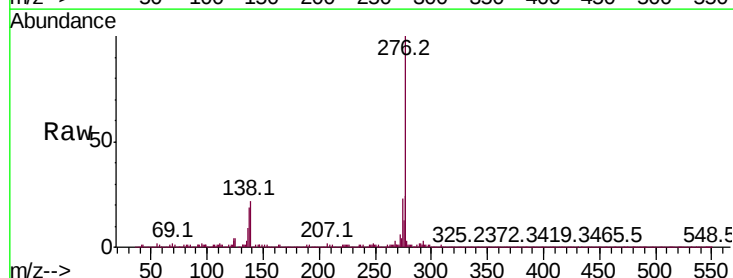
Tgt Ion:276 Resp: 3754114

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 22.1 19.5 29.3



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

