

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
 Data File : BP000464.D
 Acq On : 27 Sep 2019 17:56
 Operator : JU
 Sample : K5019-03DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 23:12:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	101009	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	345780	20.00	ng	0.02
39) Acenaphthene-d10	9.83	164	214048	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	392961	20.00	ng	0.00
76) Chrysene-d12	14.00	240	386670	20.00	ng	0.00
87) Perylene-d12	15.49	264	736801	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	234849	40.14	ng	0.01
7) Phenol-d6	6.43	99	179161	24.98	ng	0.01
23) Nitrobenzene-d5	7.35	82	96091	17.93	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	68869	32.44	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	221720	18.64	ng	0.00
79) Terphenyl-d14	12.93	244	326921	17.74	ng	0.00

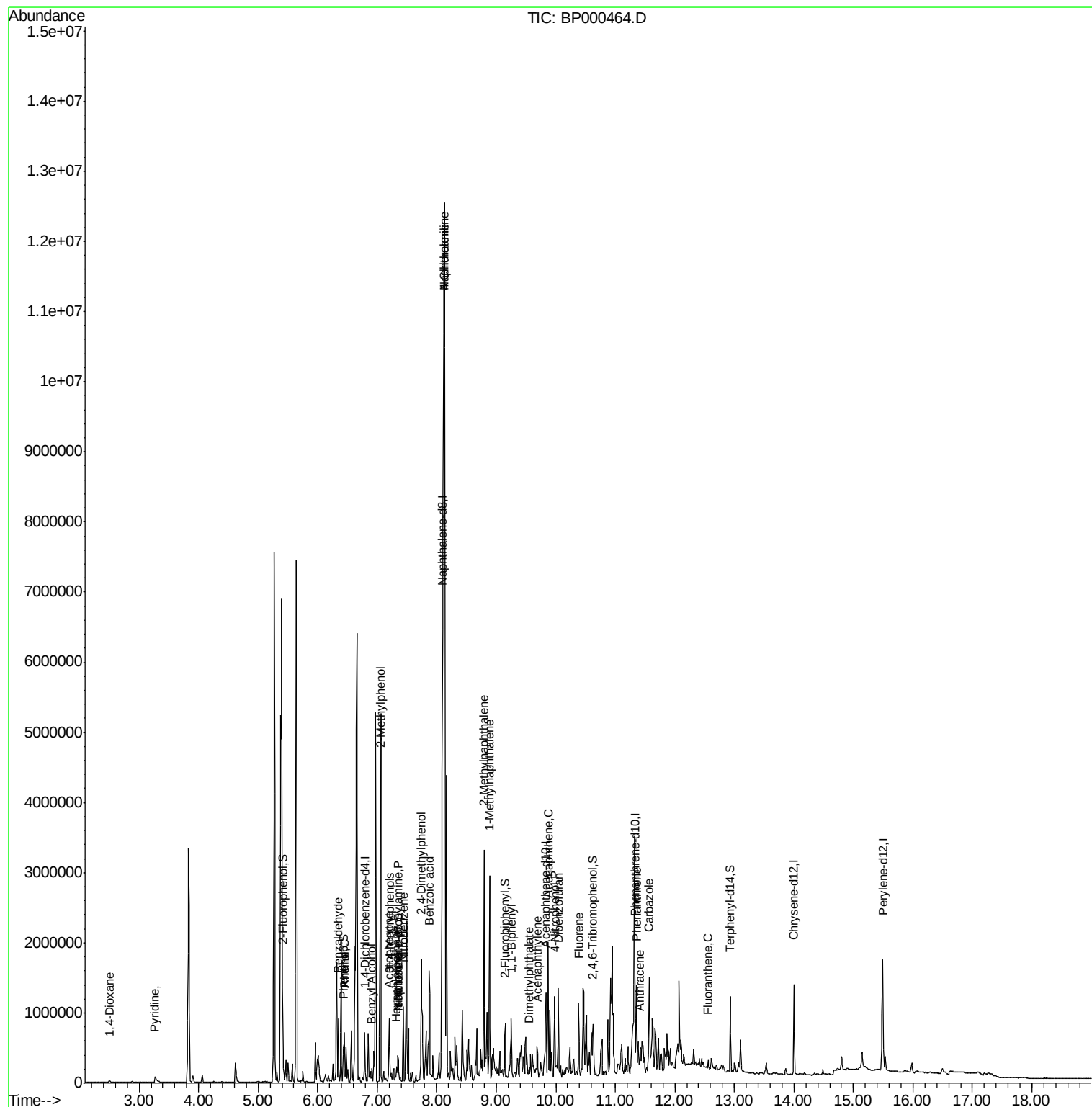
Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	15212	5.761	ng	97
3) Pyridine	3.27	79	67565	9.505	ng	100
6) Aniline	6.45	93	137421	13.897	ng	# 50
9) Benzaldehyde	6.35	77	36738	3.623	ng	# 1
10) Phenol	6.45	94	139395	17.107	ng	# 52
15) Benzyl Alcohol	6.91	79	12183	2.334	ng	# 53
17) 2-Methylphenol	7.05	107	72425	13.421	ng	# 92
18) Hexachloroethane	7.32	117	12178	4.375	ng	# 1
19) n-Nitroso-di-n-propylamine	7.35	70	12426	3.277	ng	# 78
20) 3+4-Methylphenols	7.20	107	230525	35.327	ng	# 70
22) Acetophenone	7.19	105	20930	2.793	ng	# 64
24) Nitrobenzene	7.44	77	52147	9.368	ng	# 36
25) Isophorone	7.35	82	65281	6.152	ng	# 63
27) 2,4-Dimethylphenol	7.75	122	385265	81.959	ng	96
31) Naphthalene	8.13	128	14693841	917.546	ng	# 94
32) Benzoic acid	7.87	122	322479	101.602	ng	# 15
33) 4-Chloroaniline	8.13	127	2335124	322.198	ng	# 38
37) 2-Methylnaphthalene	8.79	142	740096	67.605	ng	97
38) 1-Methylnaphthalene	8.89	142	686768	66.970	ng	98
46) 1,1'-Biphenyl	9.25	154	191867	12.957	ng	97
49) Acenaphthylene	9.69	152	41452	2.220	ng	# 91
50) Dimethylphthalate	9.55	163	44305	3.038	ng	98
52) Acenaphthene	9.87	154	344106	29.204	ng	97
55) Dibenzofuran	10.04	168	406280	24.391	ng	96
56) 4-Nitrophenol	9.97	139	10800	3.901	ng	# 54
58) Fluorene	10.39	166	236550	18.386	ng	100
69) Atrazine	11.06	200	975	Below Cal	#	1
71) Phenanthrene	11.36	178	384405	19.521	ng	99
72) Anthracene	11.41	178	51685	2.550	ng	99
73) Carbazole	11.57	167	341533	18.710	ng	100
75) Fluoranthene	12.56	202	43871	2.075	ng	93

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

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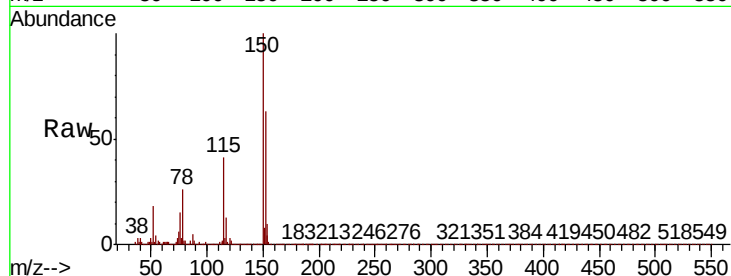


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000464.D
Acq: 27 Sep 2019 17:56

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	125.2	187.8
115	65.8	49.7	74.5

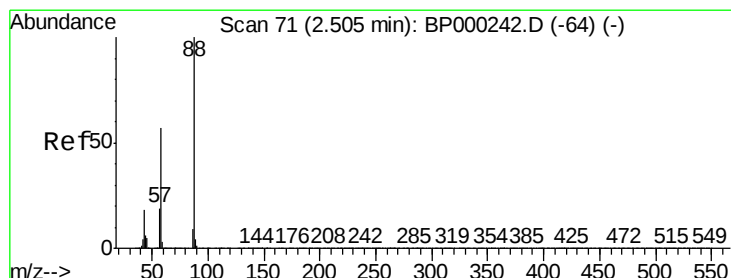
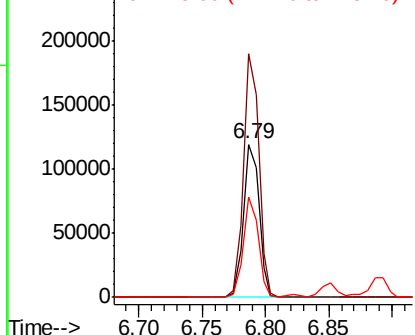
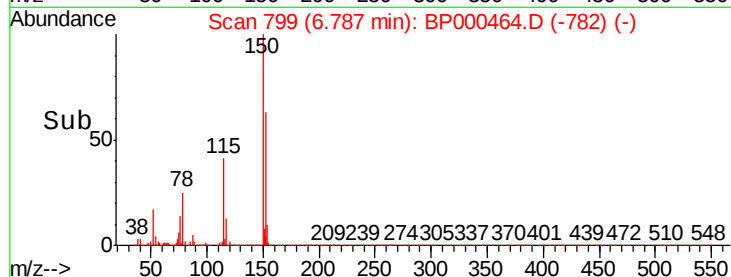


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

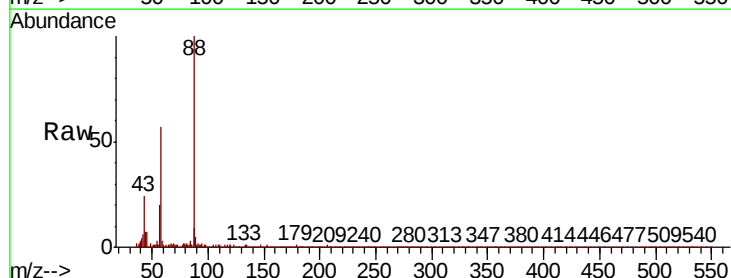
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 5.761 ng
RT: 2.50 min Scan# 70
Delta R.T. -0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 17:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.5	45.4	68.2
43	21.0	15.0	22.6

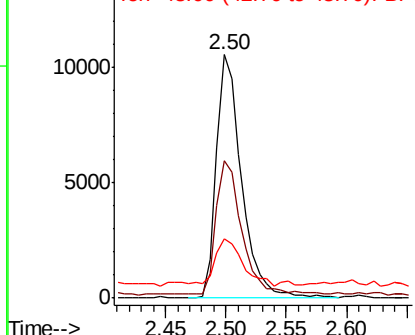
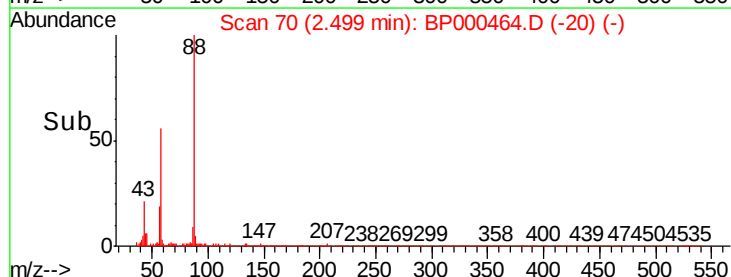


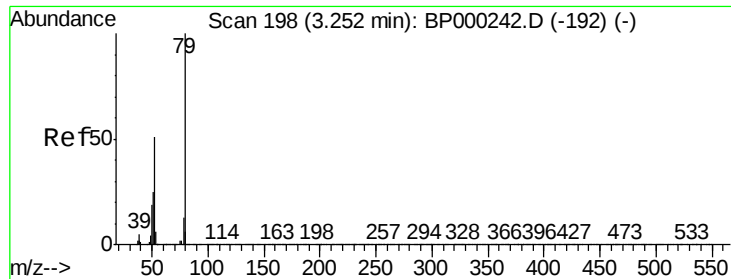
Abundance

Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 9.505 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.02 min

Lab File: BP000464.D

Acq: 27 Sep 2019 17:56

Instrument :

BNA_P

ClientSampleId :

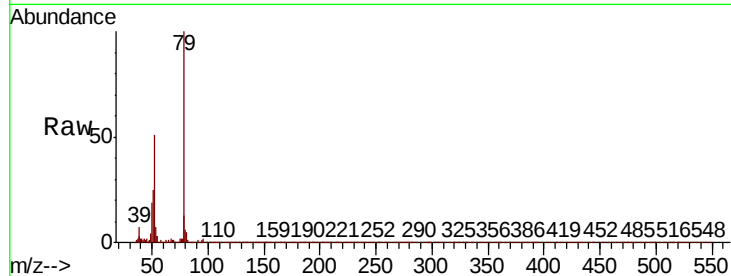
Tot Ion: 79 Resp: 67565

Ion Ratio Lower Upper

79 100

52 51.2 40.9 61.3

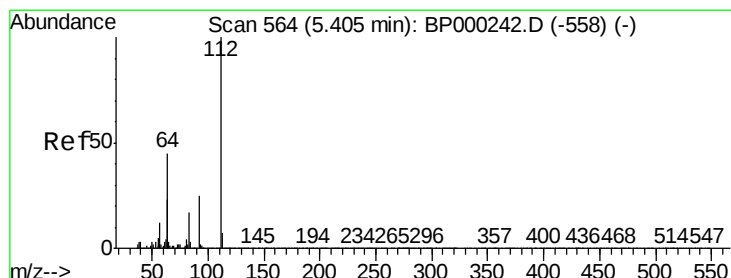
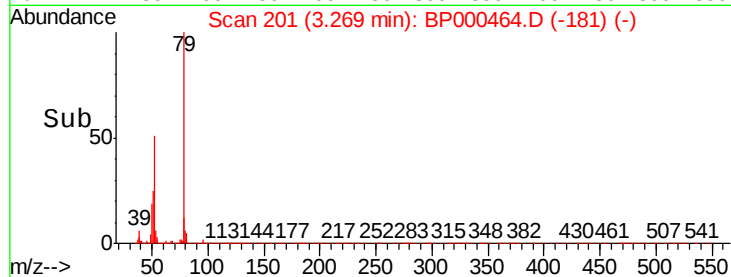
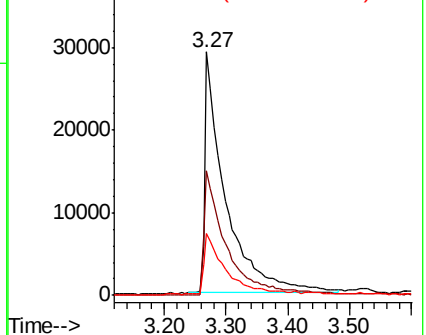
51 25.4 20.2 30.2



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#5

2-Fluorophenol

Concen: 40.138 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 17:56

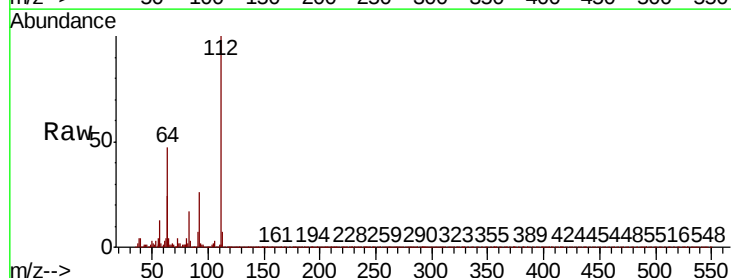
Tgt Ion: 112 Resp: 234849

Ion Ratio Lower Upper

112 100

64 46.6 36.2 54.4

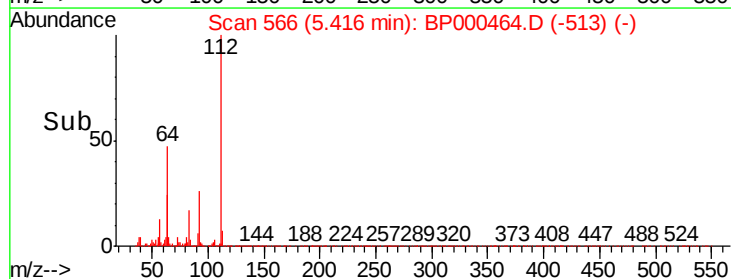
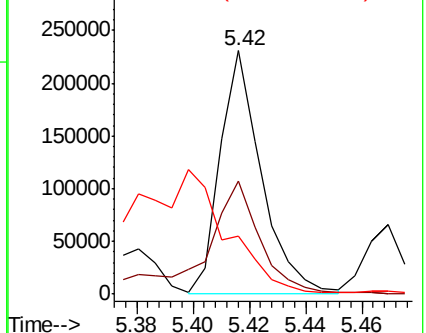
63 24.0 18.3 27.5

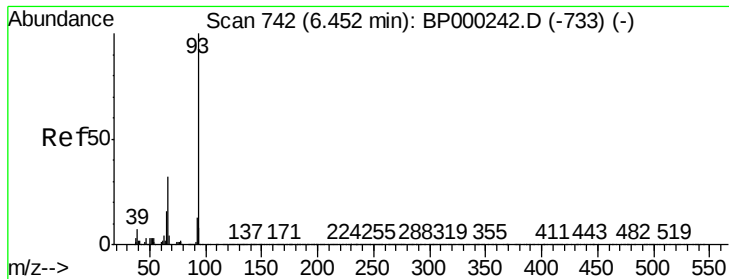


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#6

Aniline

Concen: 13.897 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 17:56

Instrument :

BNA_P

ClientSampleId :

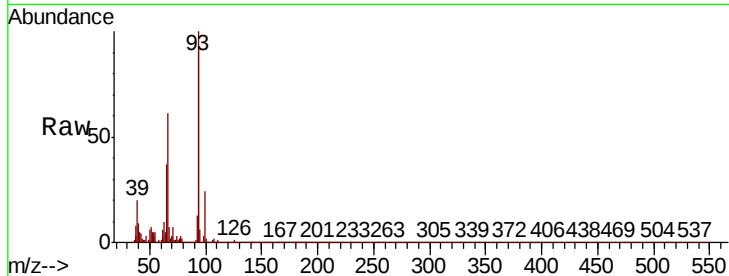
Tot Ion: 93 Resp: 137421

Ion Ratio Lower Upper

93 100

66 61.1 26.2 39.2#

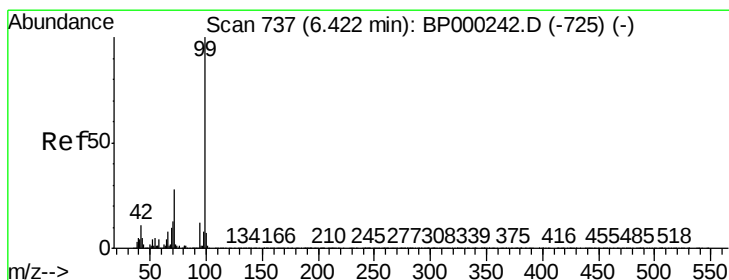
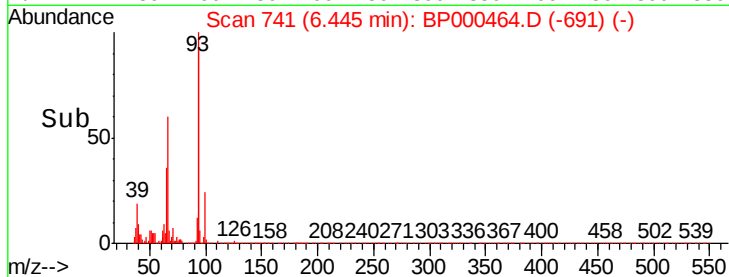
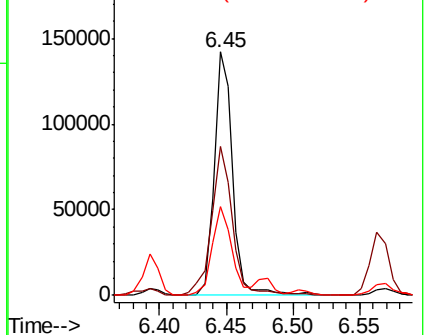
65 36.6 12.7 19.1#



Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0



#7

Phenol-d6

Concen: 24.980 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 17:56

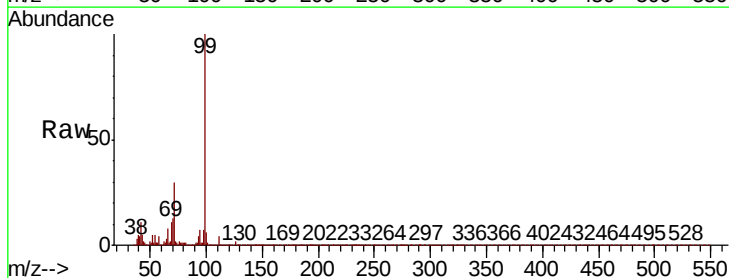
Tgt Ion: 99 Resp: 179161

Ion Ratio Lower Upper

99 100

42 11.0 8.5 12.7

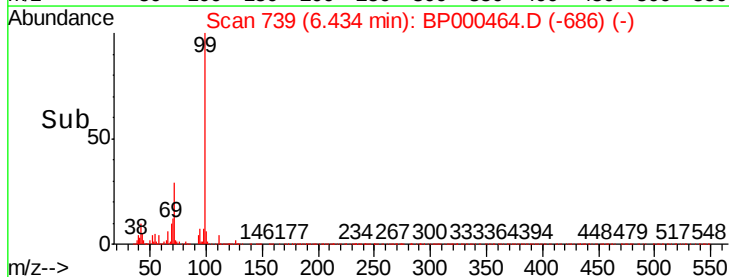
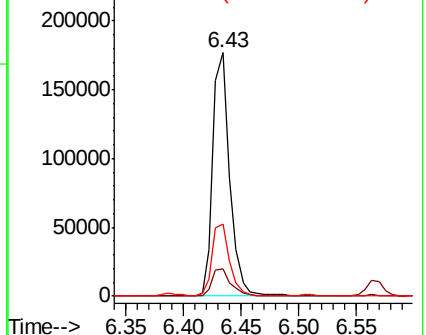
71 29.6 22.6 34.0

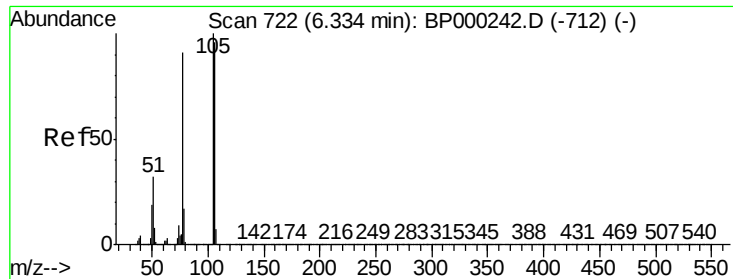


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0





#9

Benzaldehyde

Concen: 3.623 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 17:56

Instrument :

BNA_P

ClientSampled :

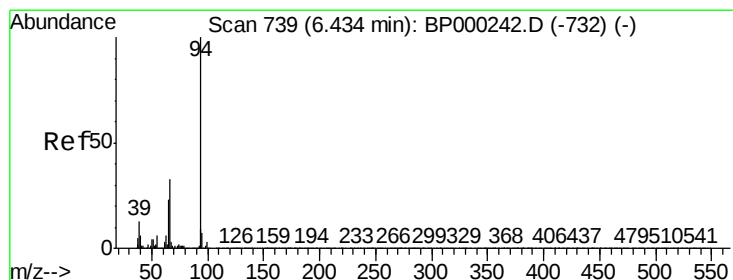
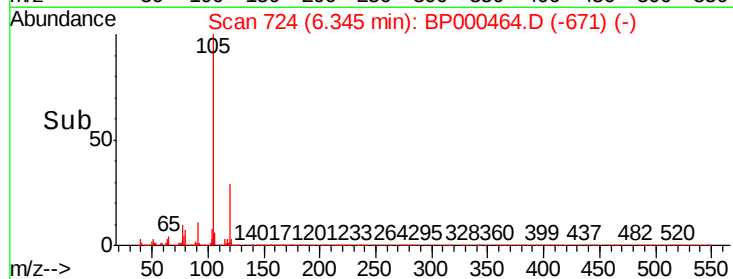
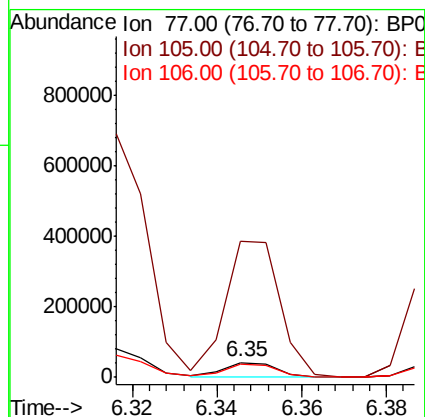
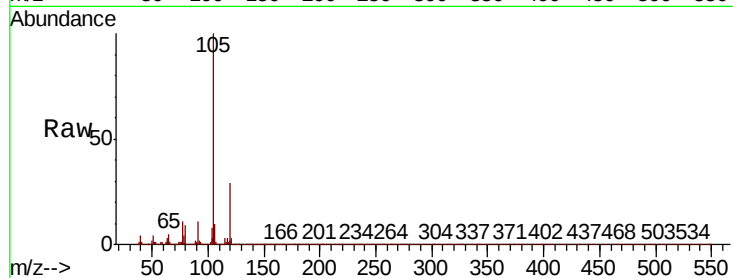
Tot Ion: 77 Resp: 36738

Ion Ratio Lower Upper

77 100

105 913.4 89.6 129.6#

106 87.3 84.6 124.6



#10

Phenol

Concen: 17.107 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 17:56

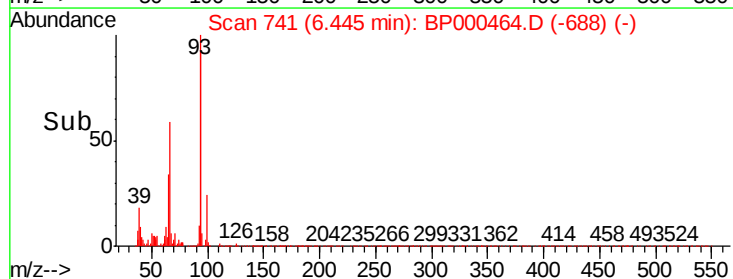
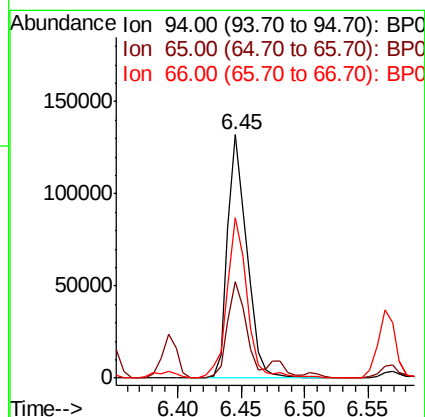
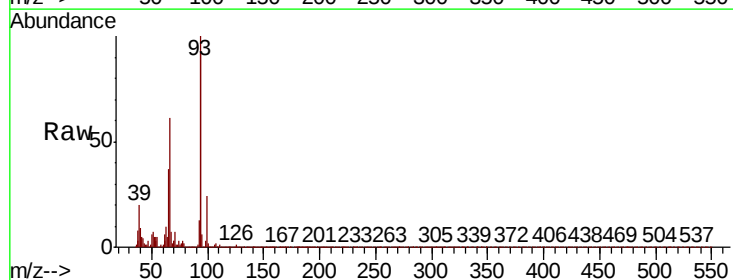
Tgt Ion: 94 Resp: 139395

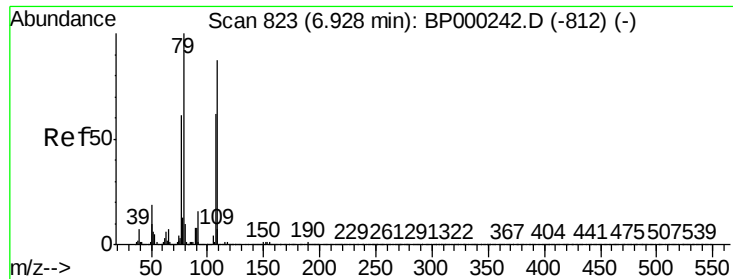
Ion Ratio Lower Upper

94 100

65 39.4 3.3 43.3

66 65.7 12.7 52.7#





#15

Benzyl Alcohol

Concen: 2.334 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.02 min

Lab File: BP000464.D

Acq: 27 Sep 2019 17:56

Instrument :

BNA_P

ClientSampleId :

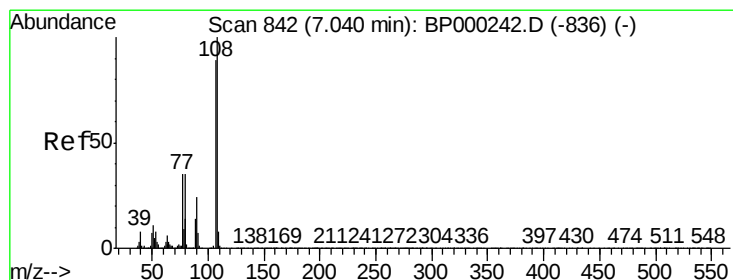
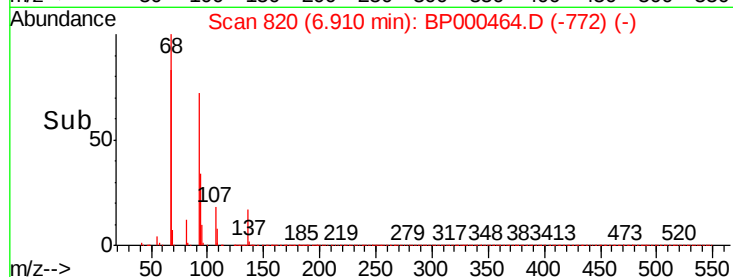
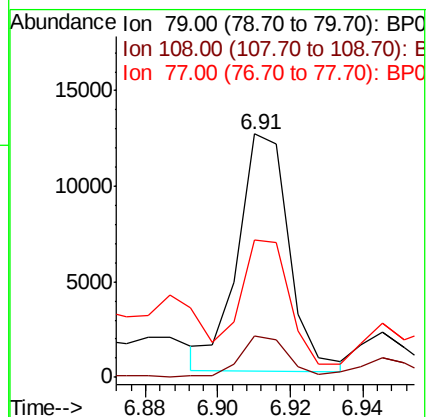
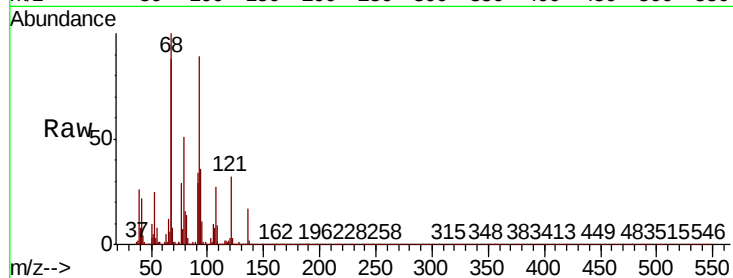
Tot Ion: 79 Resp: 12183

Ion Ratio Lower Upper

79 100

108 16.8 69.2 103.8#

77 56.4 48.7 73.1



#17

2-Methylphenol

Concen: 13.421 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 17:56

Tgt Ion: 107 Resp: 72425

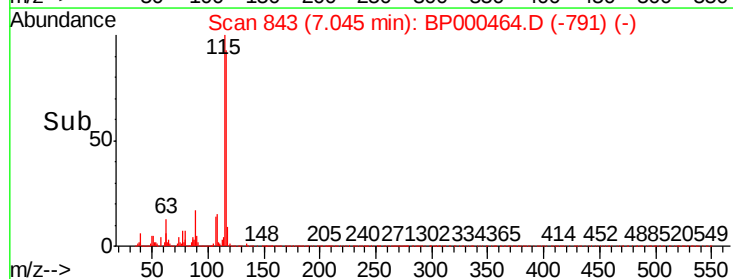
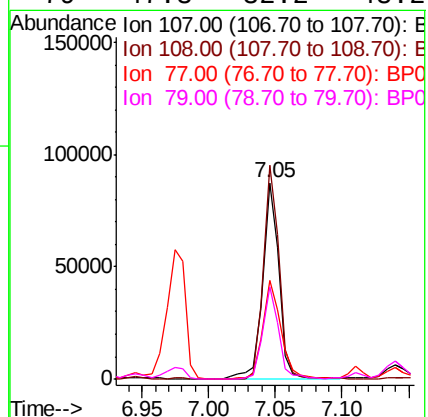
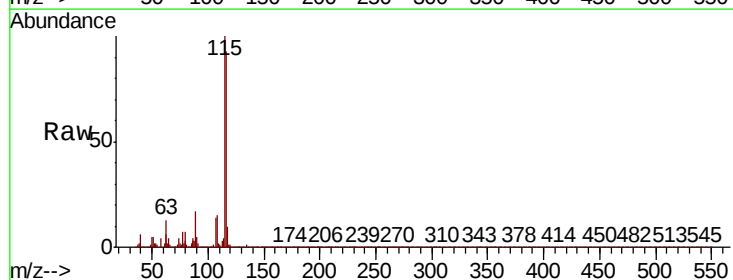
Ion Ratio Lower Upper

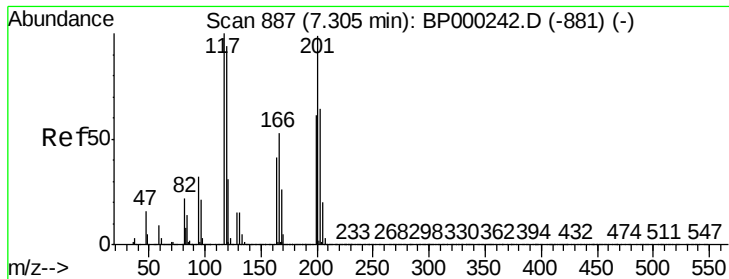
107 100

108 108.9 90.1 135.1

77 50.1 31.5 47.3#

79 47.3 32.2 48.2

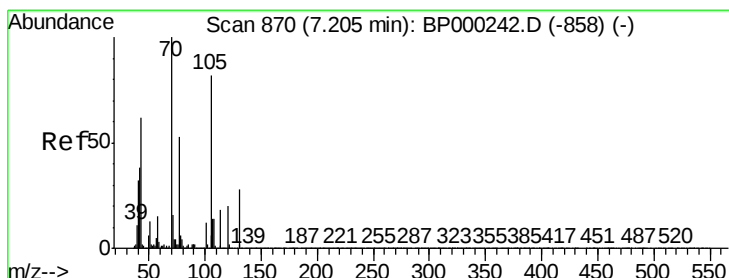
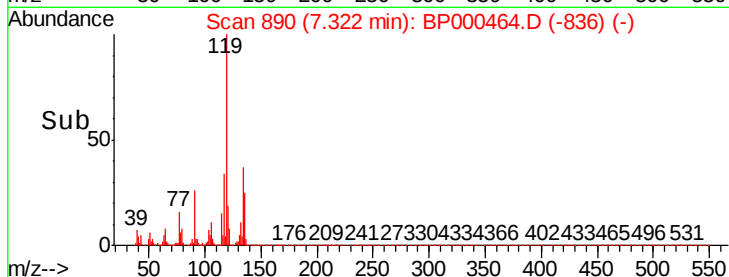
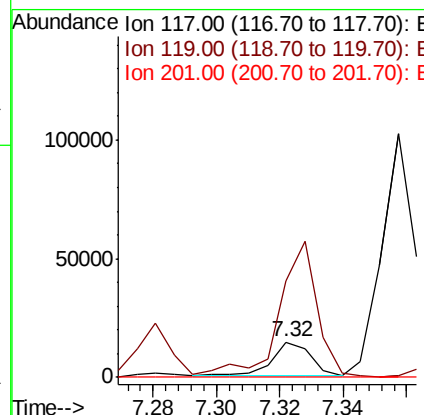
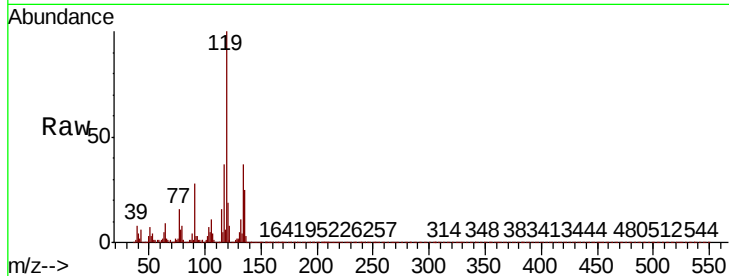




#18
Hexachloroethane
Concen: 4.375 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.02 min
Lab File: BP000464.D
Acq: 27 Sep 2019 17:56

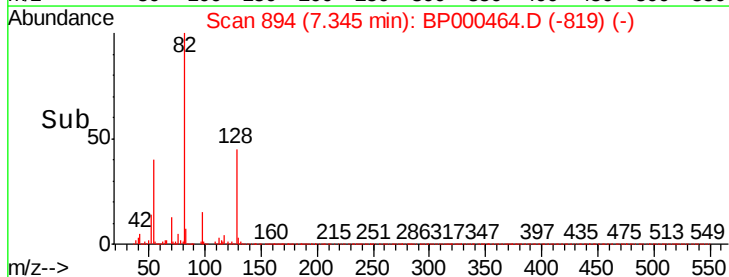
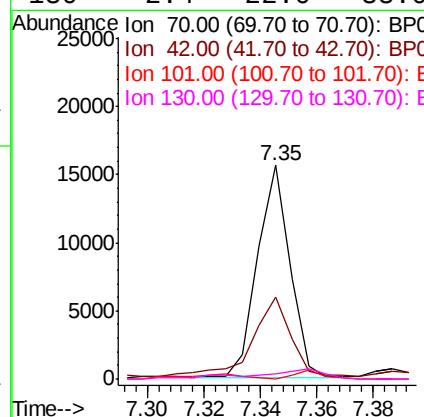
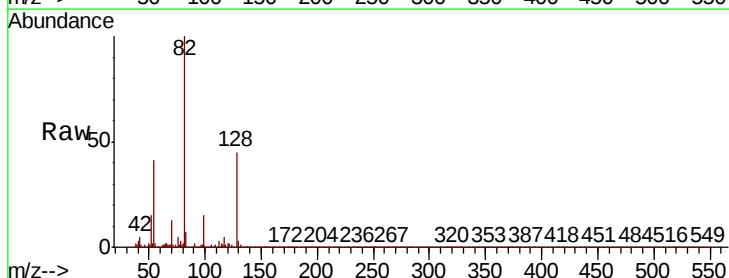
Instrument :
BNA_P
ClientSampleId :

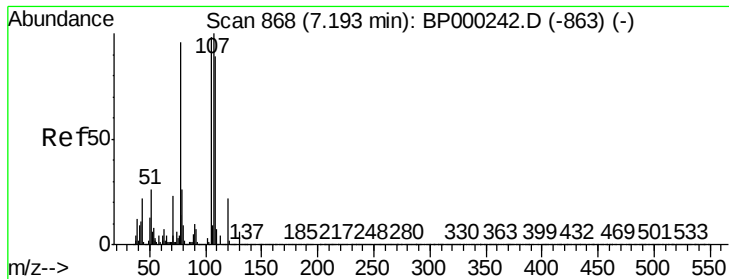
Tot Ion:117 Resp: 12178
Ion Ratio Lower Upper
117 100
119 269.5 75.6 113.4#
201 0.1 79.4 119.2#



#19
n-Nitroso-di-n-propylamine
Concen: 3.277 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000464.D
Acq: 27 Sep 2019 17:56

Tgt Ion: 70 Resp: 12426
Ion Ratio Lower Upper
70 100
42 38.6 30.7 46.1
101 0.1 9.6 14.4#
130 2.4 22.0 33.0#

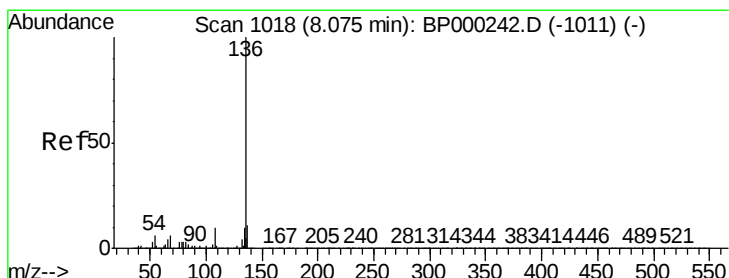
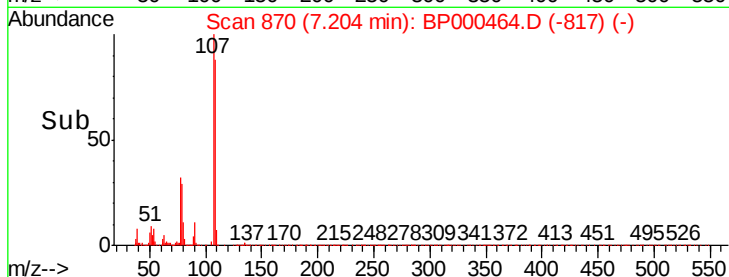
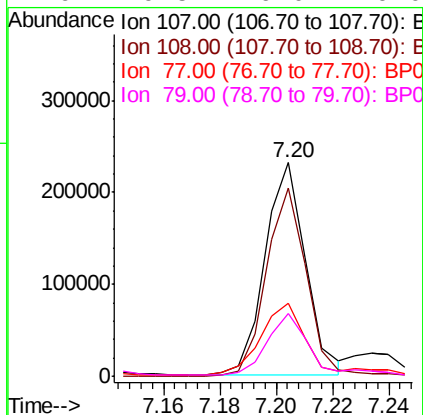
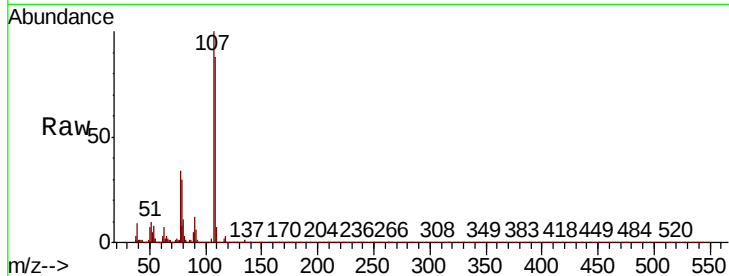




#20
3+4-Methylphenols
Concen: 35.327 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 17:56

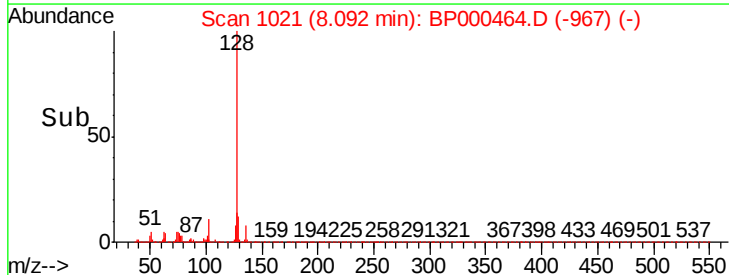
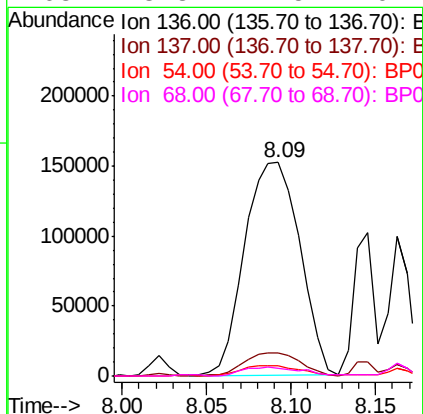
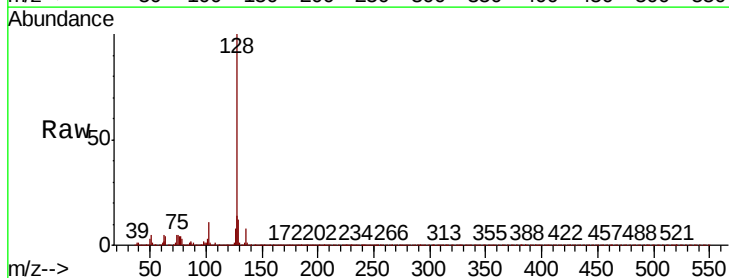
Instrument :
BNA_P
ClientSampleId :

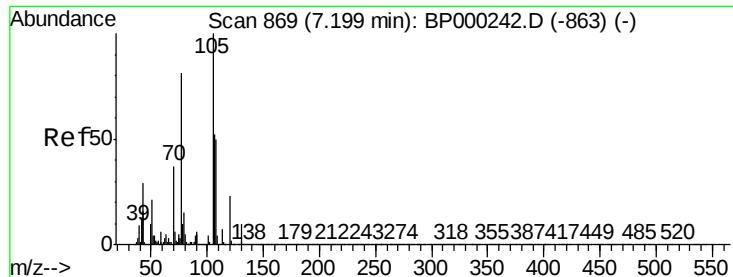
Tot Ion:	107	Resp:	230525
Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.8	108.8
77	33.9	75.7	115.7#
79	29.5	6.0	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.02 min
Lab File: BP000464.D
Acq: 27 Sep 2019 17:56

Tgt Ion:	136	Resp:	345780
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	5.0	4.5	6.7
68	3.3	4.5	6.7#





#22

Acetophenone

Concen: 2.793 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BP000464.D

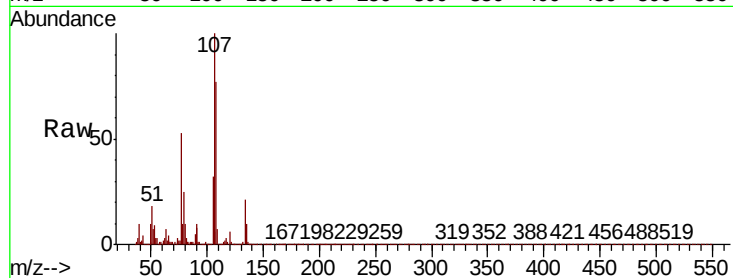
Acq: 27 Sep 2019 17:56

Instrument :

BNA_P

ClientSampleId :

Tot Ion:105	Resp:	20930
Ion Ratio	Lower	Upper
105	100	
71	1.9	5.2 7.8#
51	56.1	16.6 24.8#
120	20.3	18.5 27.7

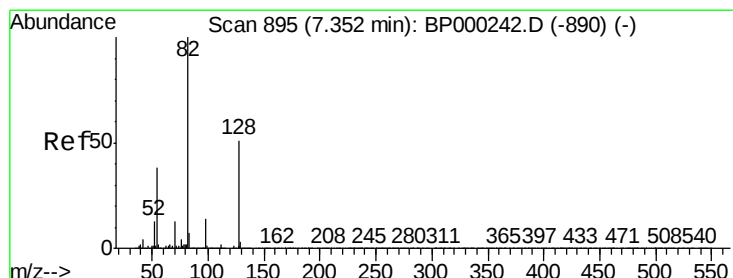
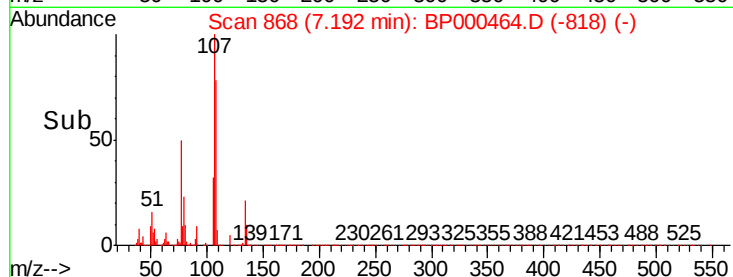
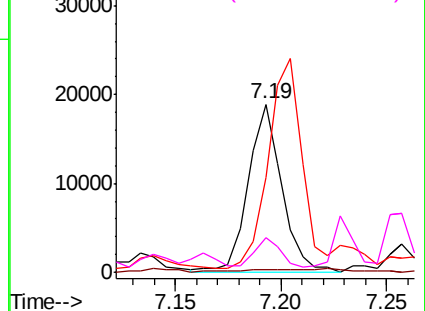


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 17.930 ng

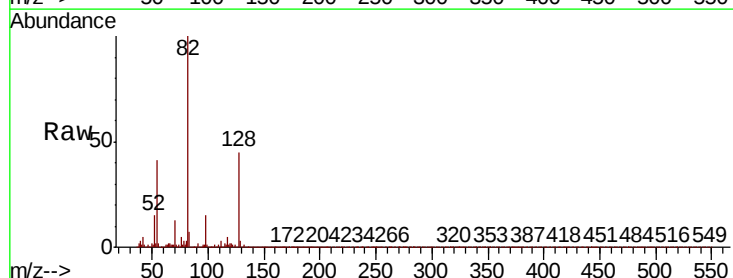
RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 17:56

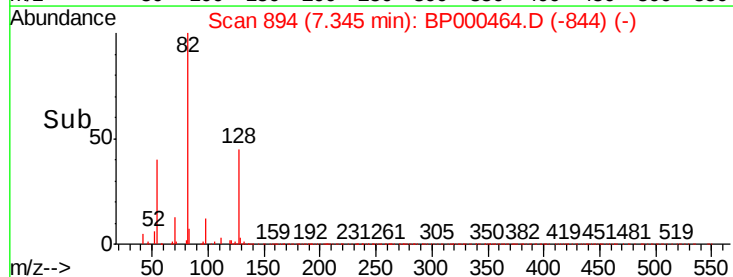
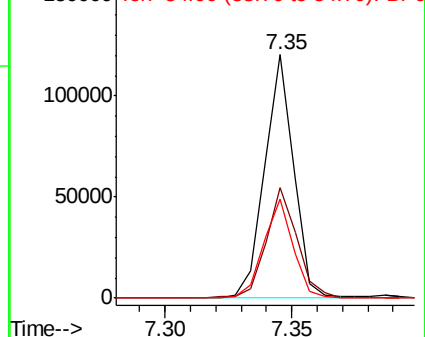
Tgt Ion: 82	Resp:	96091
Ion Ratio	Lower	Upper
82	100	
128	45.4	40.7 61.1
54	40.6	30.1 45.1

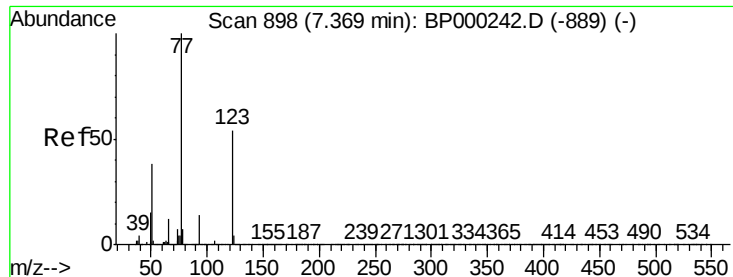


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0

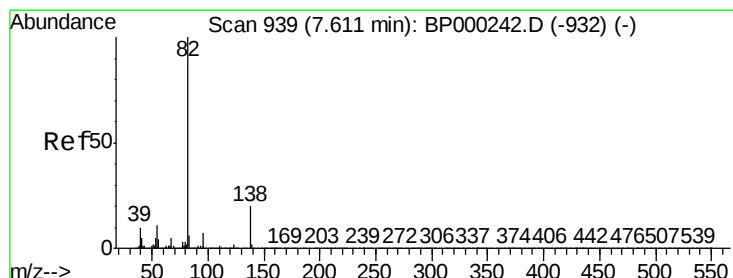
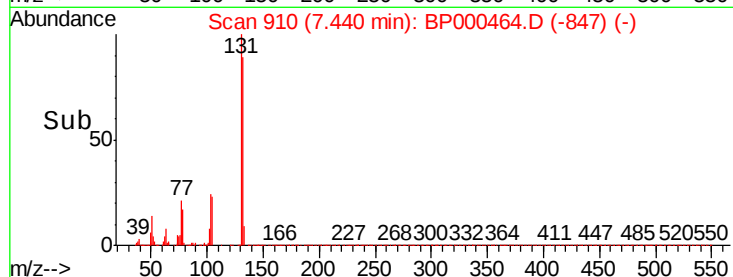
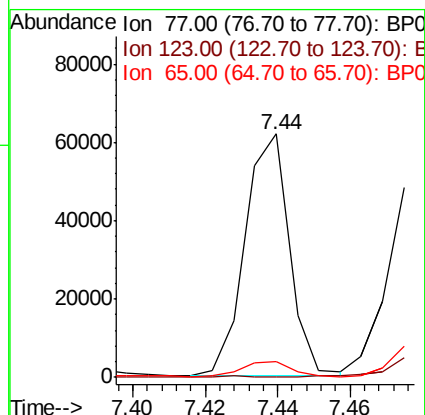
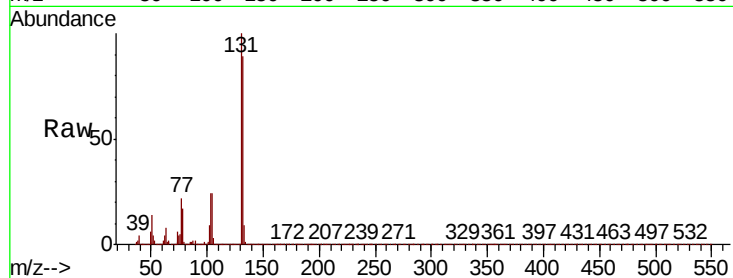




#24
Nitrobenzene
Concen: 9.368 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.07 min
Lab File: BP000464.D
Acq: 27 Sep 2019 17:56

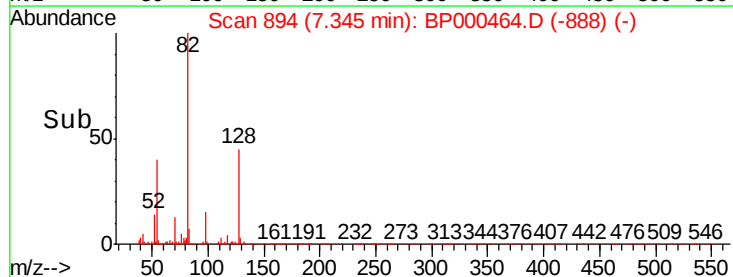
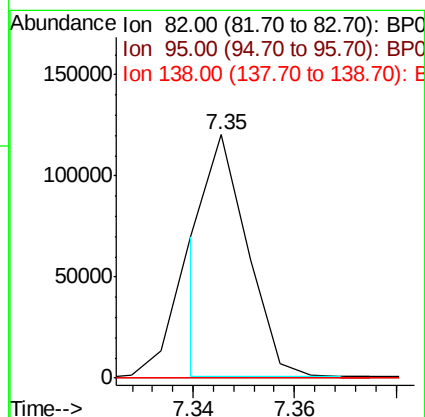
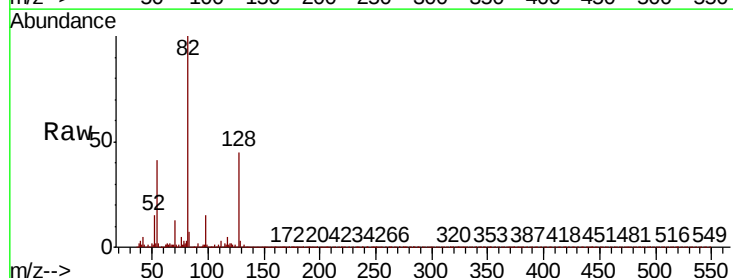
Instrument :
BNA_P
ClientSampleId :

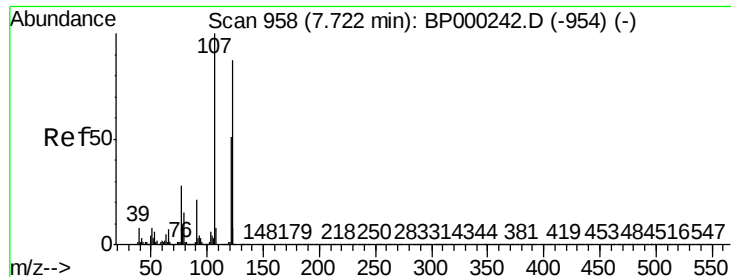
Tot Ion	77	Resp	52147
Ion Ratio	Lower	Upper	
77	100		
123	0.2	43.1	64.7#
65	6.7	9.4	14.2#



#25
Isophorone
Concen: 6.152 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.27 min
Lab File: BP000464.D
Acq: 27 Sep 2019 17:56

Tgt Ion	82	Resp	65281
Ion Ratio	Lower	Upper	
82	100		
95	0.3	5.9	8.9#
138	0.0	15.9	23.9#

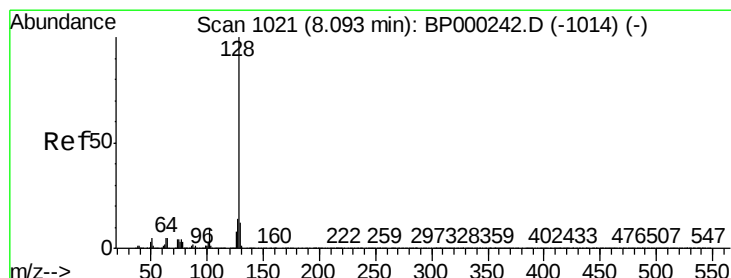
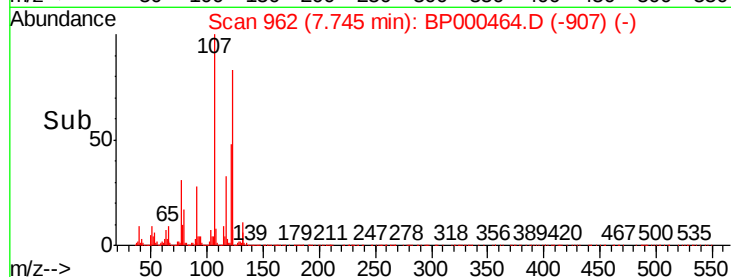
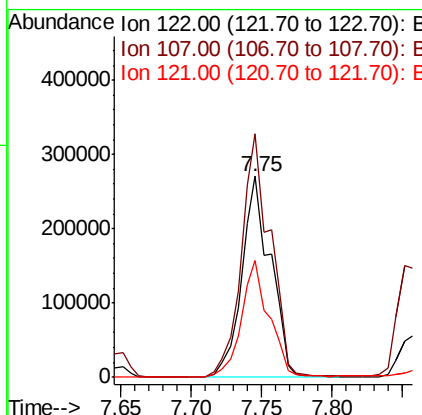
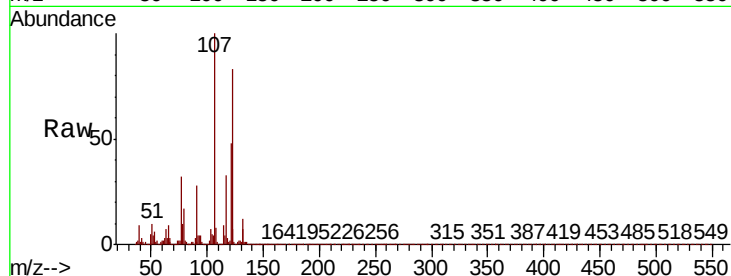




#27
2,4-Dimethylphenol
Concen: 81.959 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.02 min
Lab File: BP000464.D
Acq: 27 Sep 2019 17:56

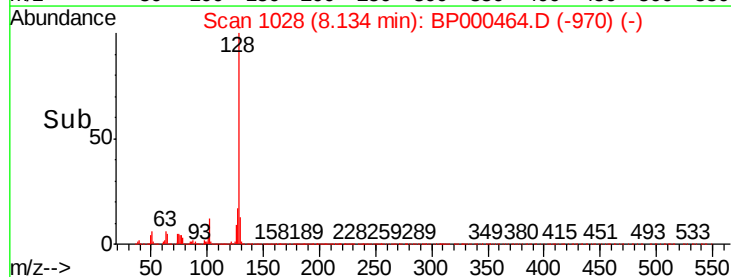
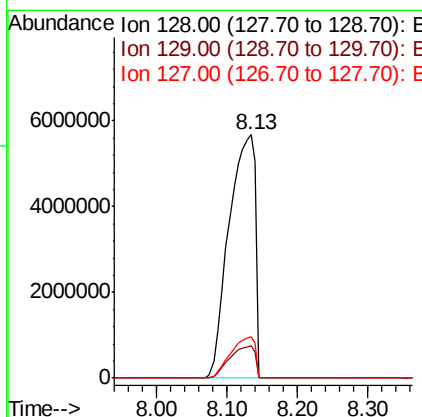
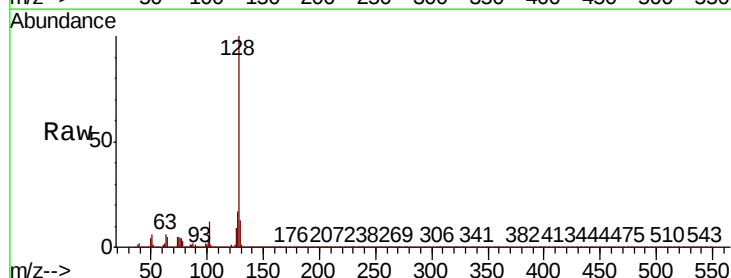
Instrument :
BNA_P
ClientSampleId :

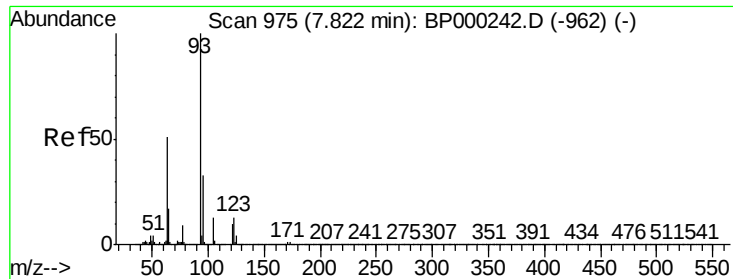
Tot Ion	Ratio	Lower	Upper
122	100		
107	121.1	91.5	137.3
121	58.1	46.9	70.3



#31
Naphthalene
Concen: 917.546 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.04 min
Lab File: BP000464.D
Acq: 27 Sep 2019 17:56

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.2	13.8
127	16.9	11.0	16.6

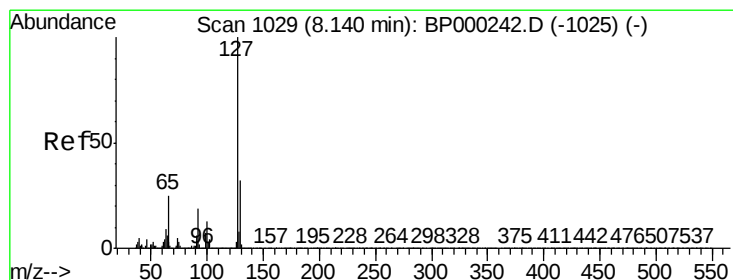
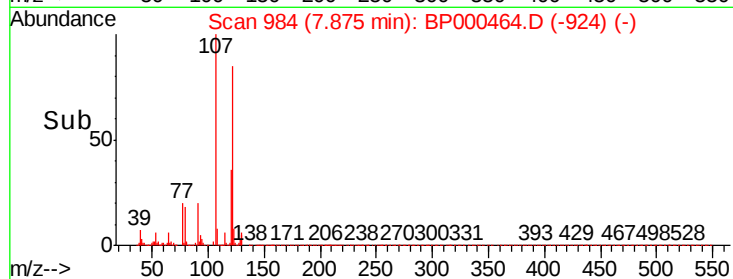
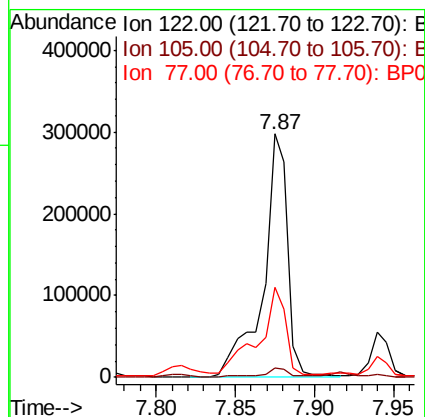
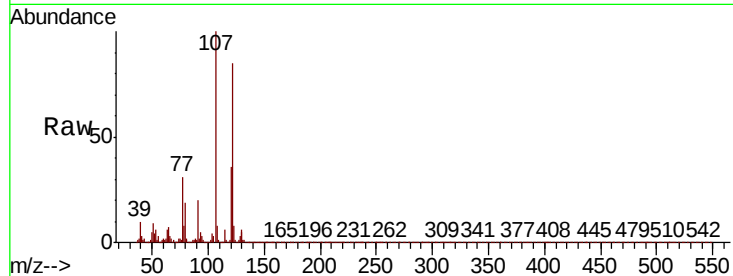




#32
Benzoic acid
Concen: 101.602 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.05 min
Lab File: BP000464.D
Acq: 27 Sep 2019 17:56

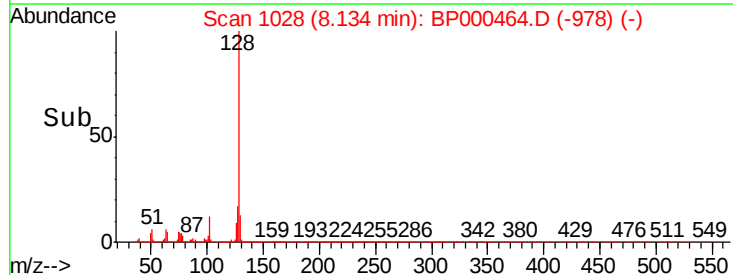
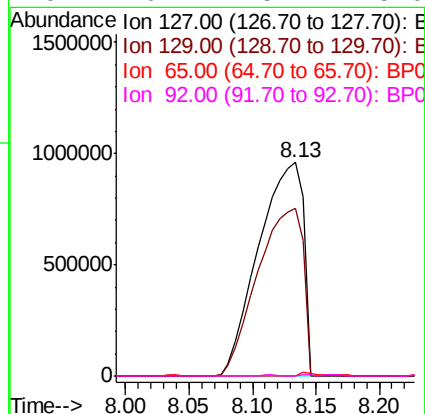
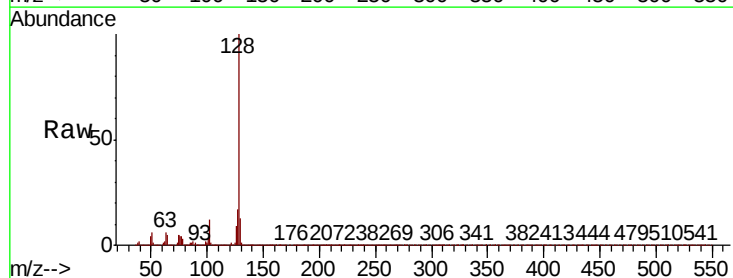
Instrument :
BNA_P
ClientSampleId :

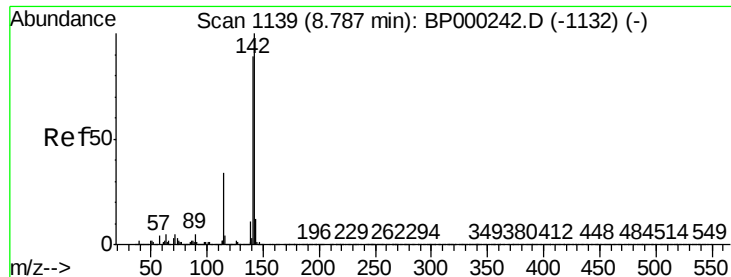
Tot Ion:122 Resp: 322479
Ion Ratio Lower Upper
122 100
105 3.8 105.4 145.4#
77 36.8 65.3 105.3#



#33
4-Chloroaniline
Concen: 322.198 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 17:56

Tgt Ion:127 Resp: 2335124
Ion Ratio Lower Upper
127 100
129 78.6 25.7 38.5#
65 0.0 19.9 29.9#
92 0.2 15.4 23.0#

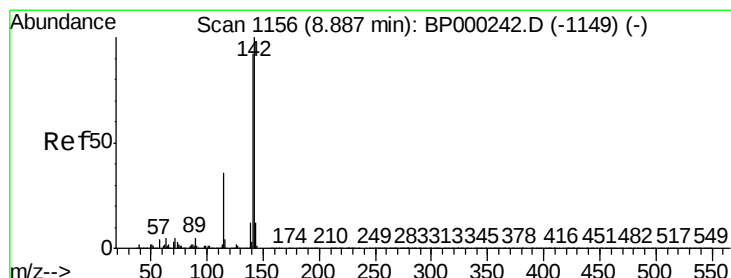
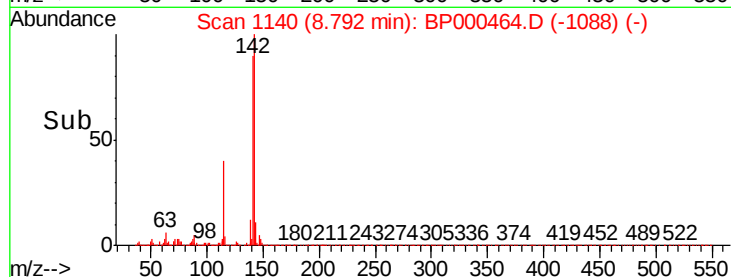
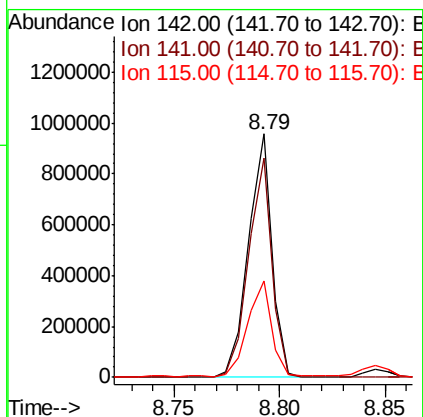
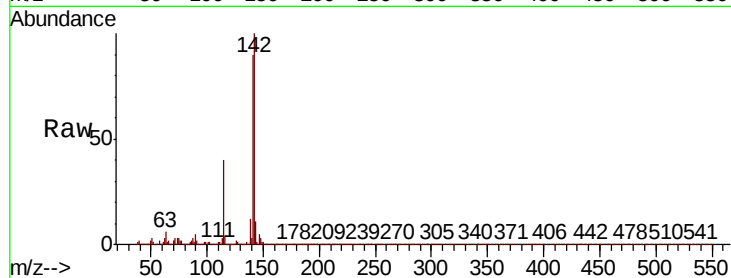




#37
2-Methylnaphthalene
Concen: 67.605 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 17:56

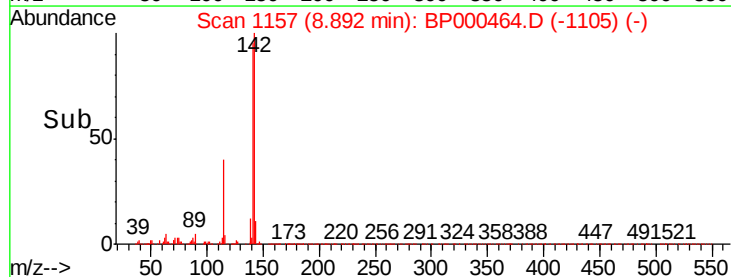
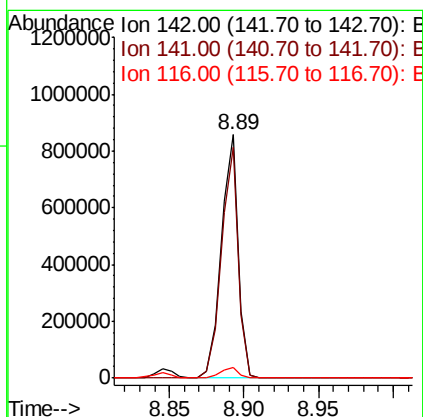
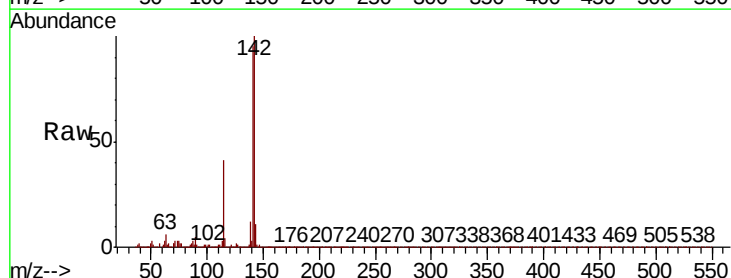
Instrument :
BNA_P
ClientSampleId :

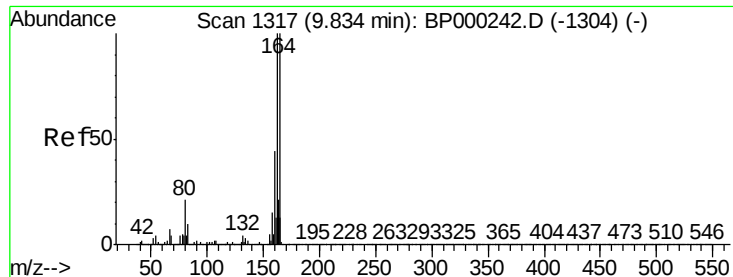
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	39.7	27.2	40.8



#38
1-Methylnaphthalene
Concen: 66.970 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 17:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	73.9	110.9
116	4.3	3.0	4.6

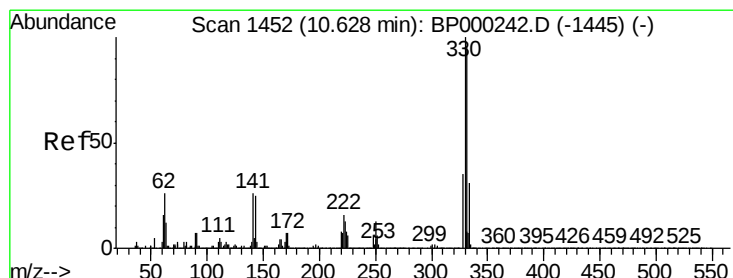
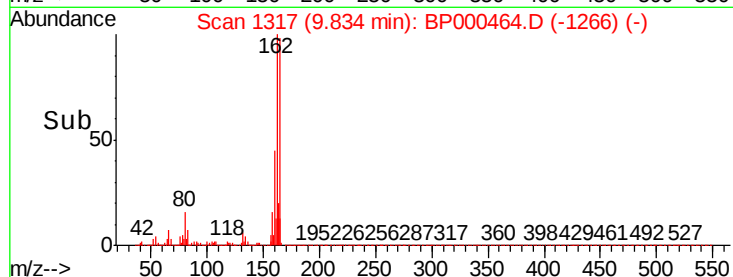
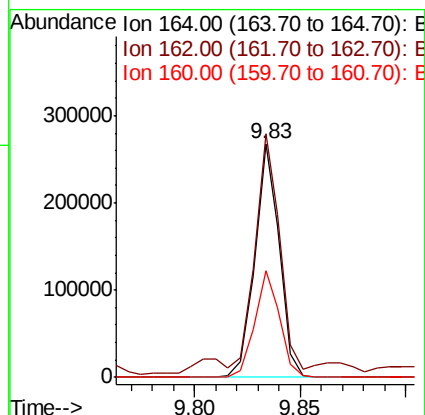
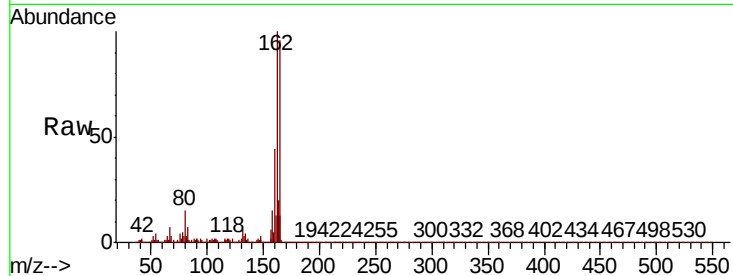




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000464.D
Acq: 27 Sep 2019 17:56

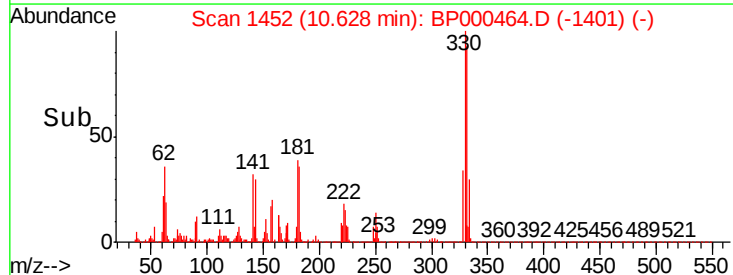
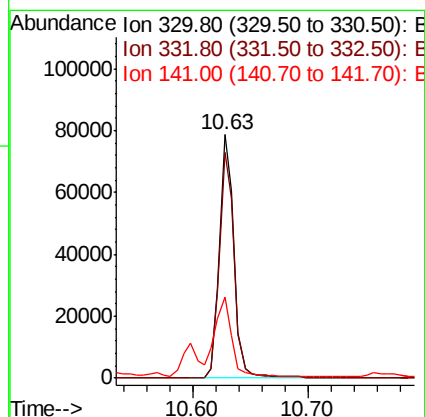
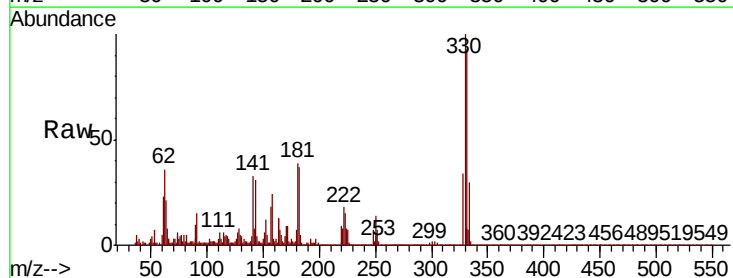
Instrument :
BNA_P
ClientSampleId :

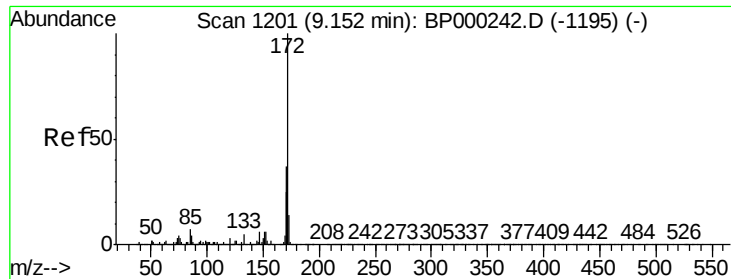
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.3	79.9	119.9
160	45.6	35.6	53.4



#42
2,4,6-Tribromophenol
Concen: 32.438 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000464.D
Acq: 27 Sep 2019 17:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	36.3	26.5	39.7

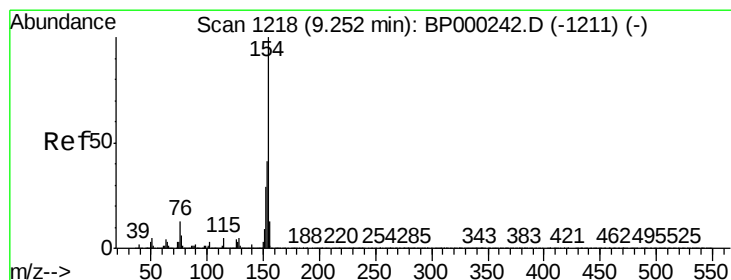
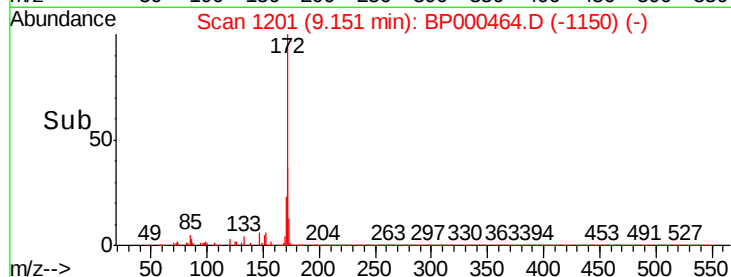
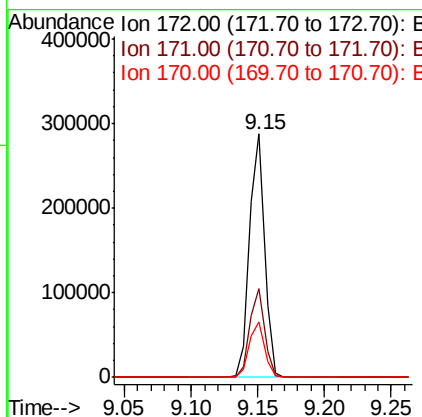
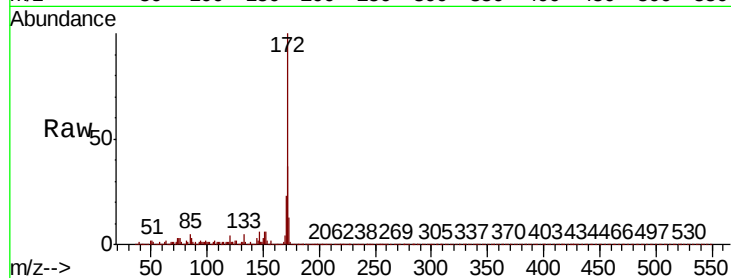




#45
 2-Fluorobiphenyl
 Concen: 18.643 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BP000464.D
 Acq: 27 Sep 2019 17:56

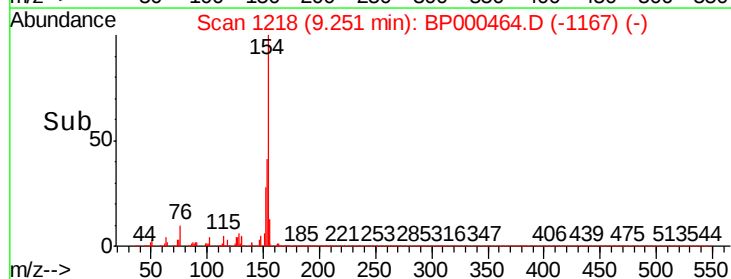
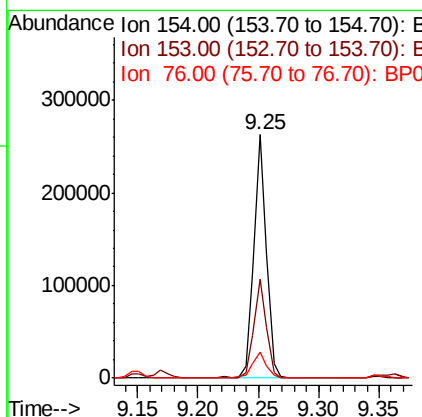
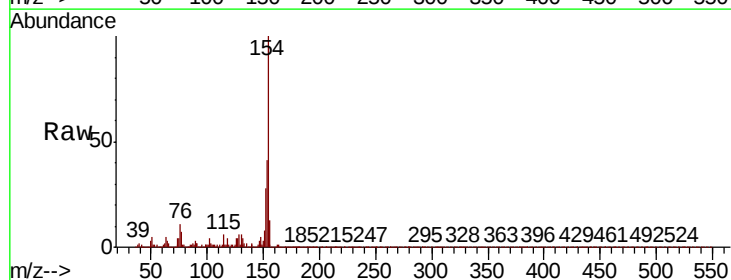
Instrument :
 BNA_P
 ClientSampleId :

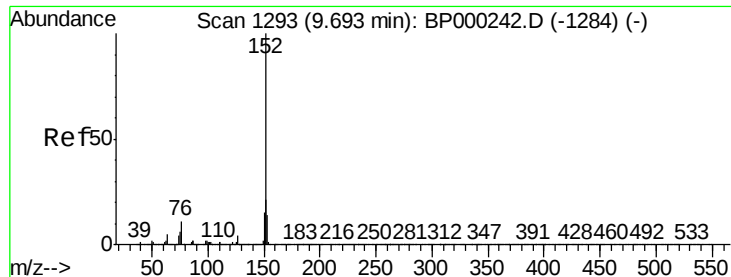
Tot Ion:172	Resp:	221720
Ion	Ratio	Lower Upper
172	100	
171	36.5	29.8 44.6
170	23.0	19.8 29.6



#46
 1,1'-Biphenyl
 Concen: 12.957 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BP000464.D
 Acq: 27 Sep 2019 17:56

Tgt Ion:154	Resp:	191867
Ion	Ratio	Lower Upper
154	100	
153	40.7	21.4 61.4
76	10.6	0.0 33.4





#49

Acenaphthylene

Concen: 2.220 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BP000464.D

Acq: 27 Sep 2019 17:56

Instrument :

BNA_P

ClientSampleId :

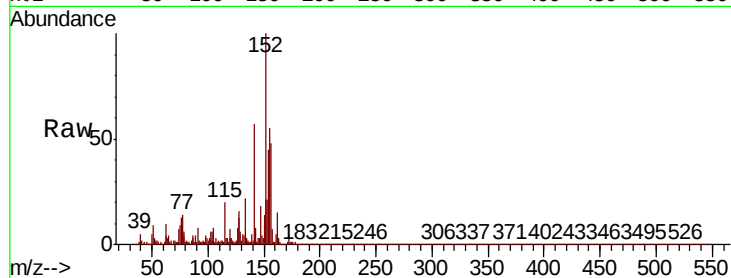
Tot Ion:152 Resp: 41452

Ion Ratio Lower Upper

152 100

151 21.2 16.4 24.6

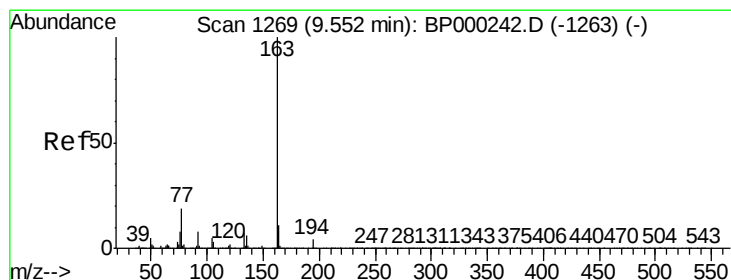
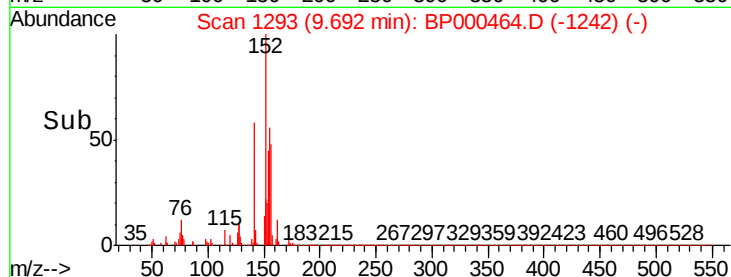
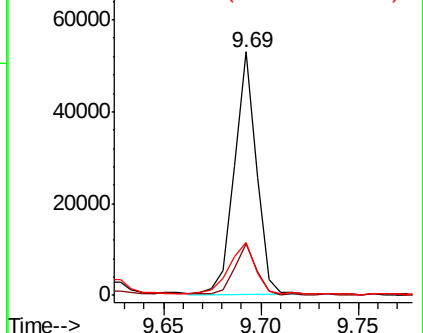
153 21.5 11.0 16.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 3.038 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BP000464.D

Acq: 27 Sep 2019 17:56

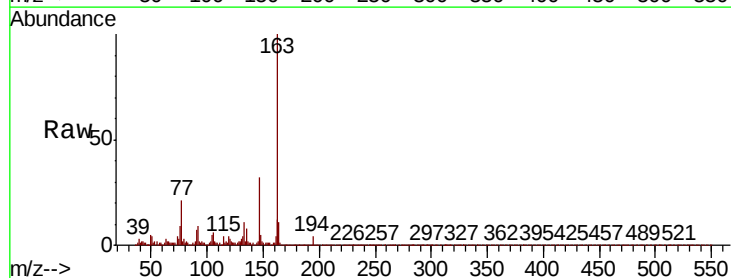
Tgt Ion:163 Resp: 44305

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

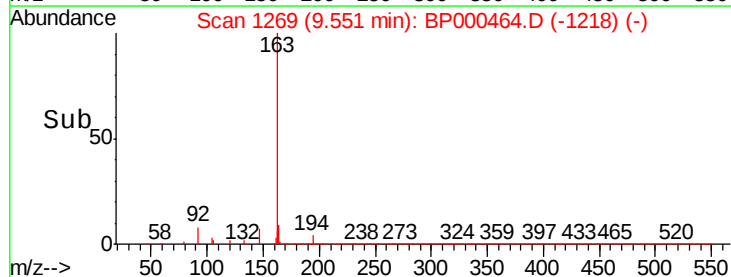
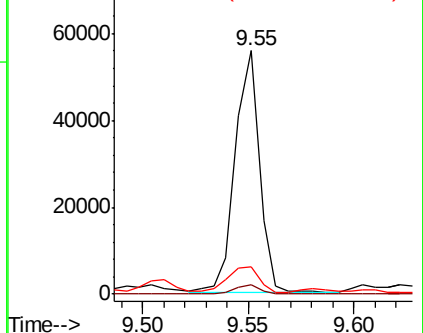
164 11.4 8.5 12.7

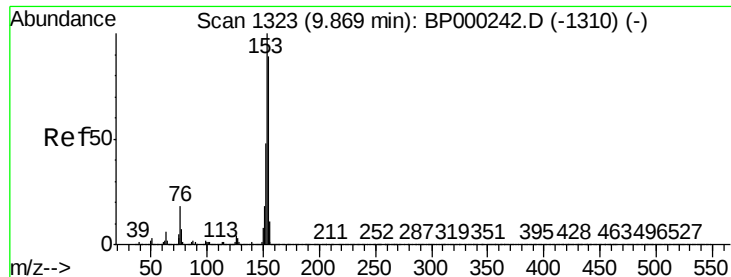


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 29.204 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BP000464.D

Acq: 27 Sep 2019 17:56

Instrument :

BNA_P

ClientSampleId :

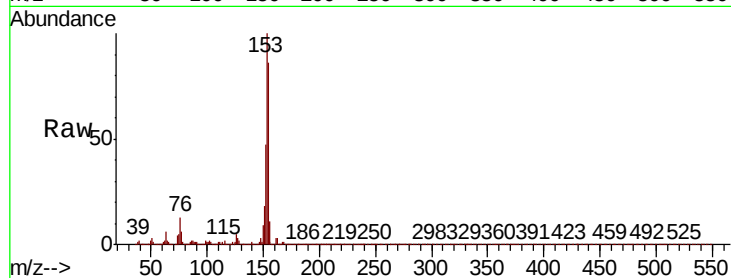
Tot Ion:154 Resp: 344106

Ion Ratio Lower Upper

154 100

153 116.4 89.8 134.6

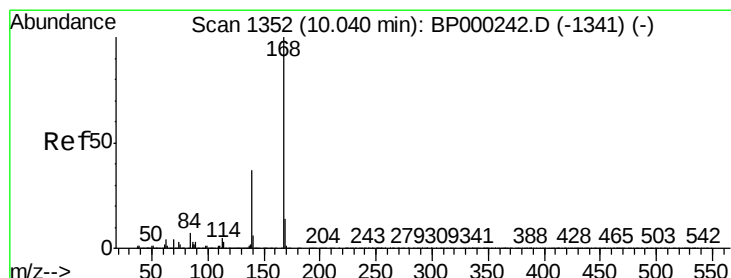
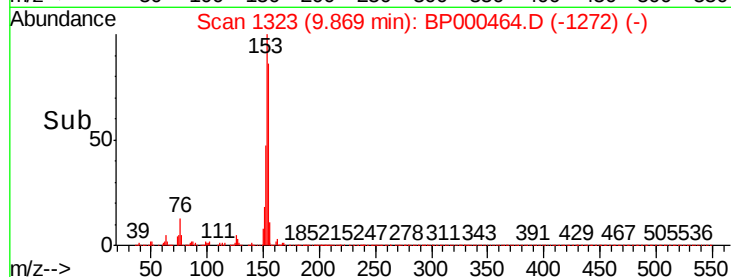
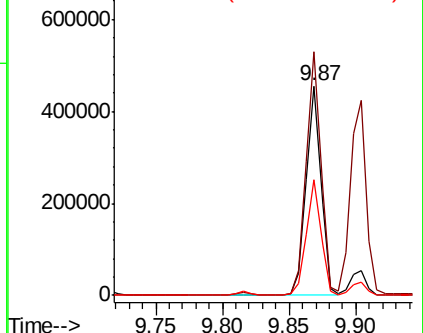
152 55.0 43.4 65.0



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



#55

Dibenzofuran

Concen: 24.391 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BP000464.D

Acq: 27 Sep 2019 17:56

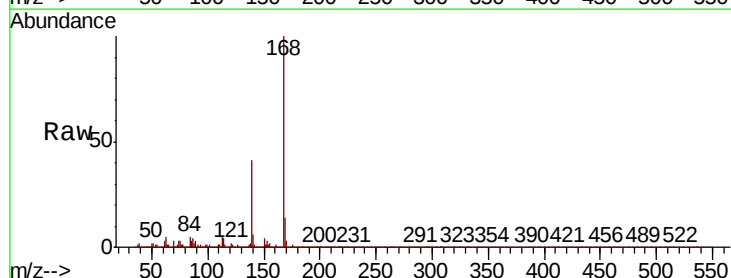
Tgt Ion:168 Resp: 406280

Ion Ratio Lower Upper

168 100

139 40.9 30.0 45.0

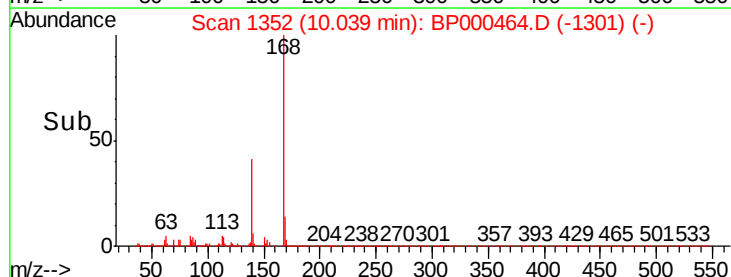
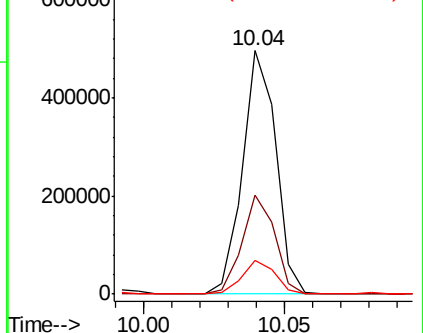
169 14.0 11.0 16.6

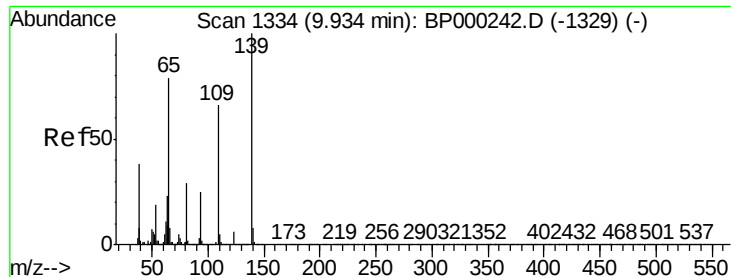


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

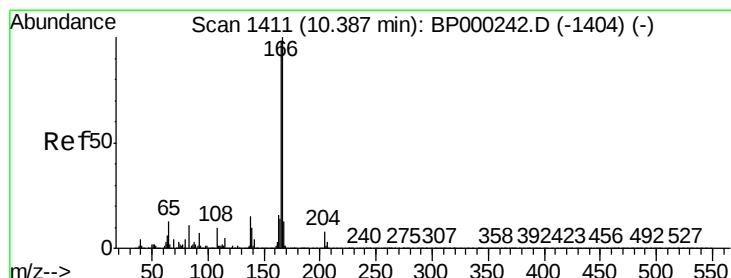
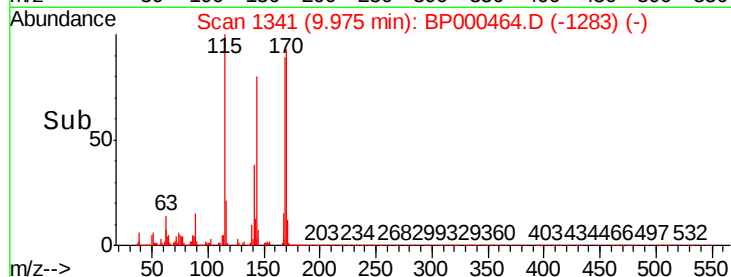
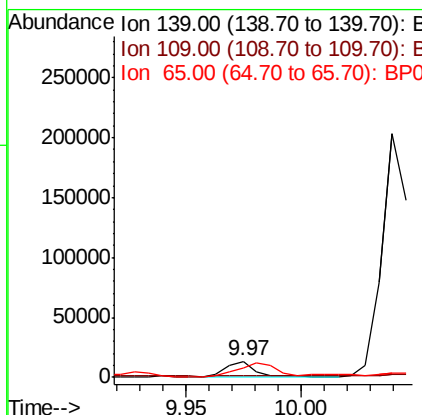
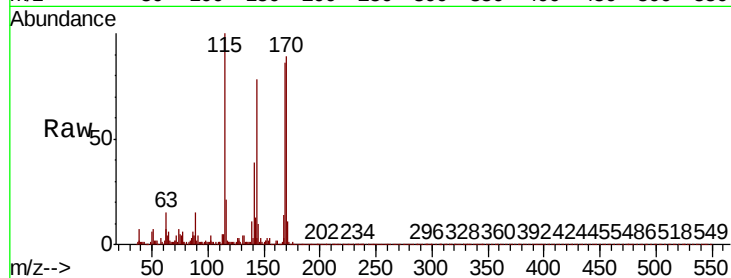




#56
4-Nitrophenol
Concen: 3.901 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.04 min
Lab File: BP000464.D
Acq: 27 Sep 2019 17:56

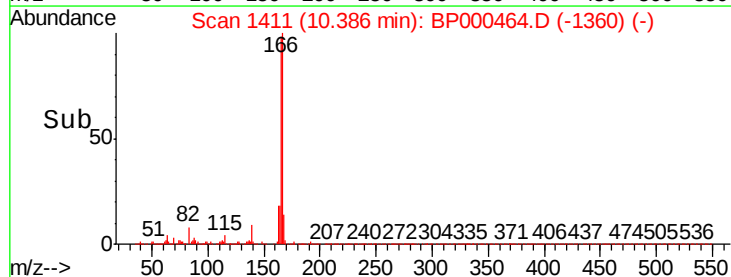
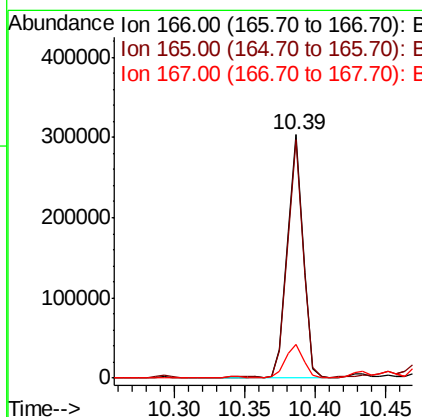
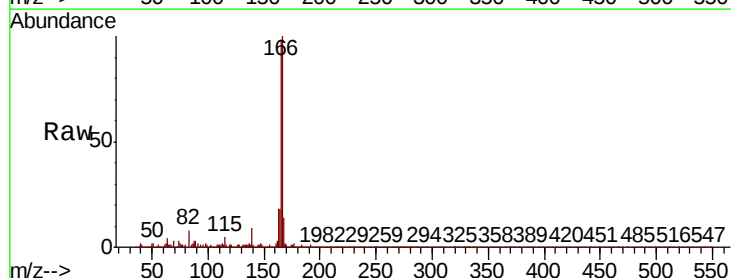
Instrument :
BNA_P
ClientSampled :

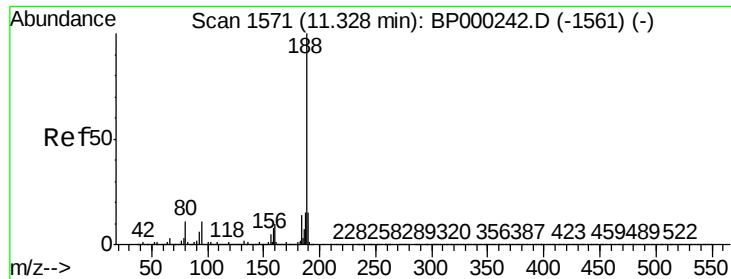
Tot Ion	Ratio	Lower	Upper
139	100		
109	9.8	46.2	86.2#
65	57.7	59.4	99.4#



#58
Fluorene
Concen: 18.386 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BP000464.D
Acq: 27 Sep 2019 17:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.2	117.2
167	14.0	10.7	16.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 17:56

Instrument :

BNA_P

ClientSampleId :

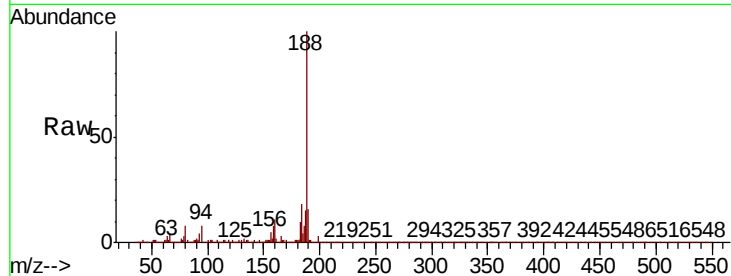
Tot Ion:188 Resp: 392961

Ion Ratio Lower Upper

188 100

94 7.7 8.5 12.7#

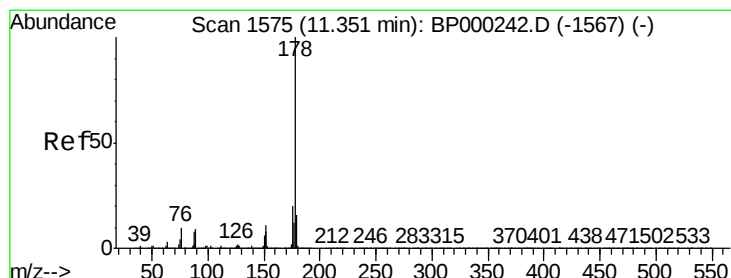
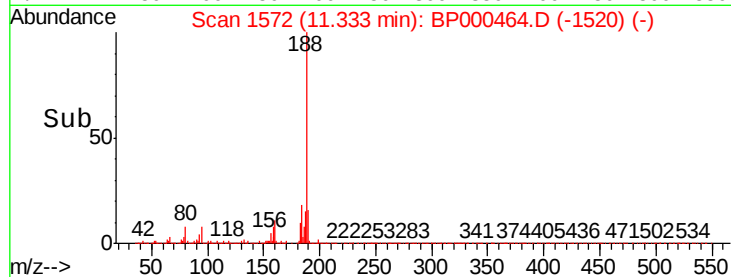
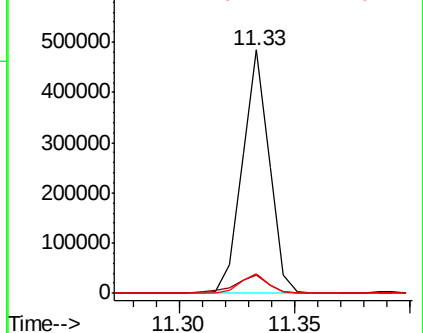
80 8.0 8.6 13.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#71

Phenanthrene

Concen: 19.521 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 17:56

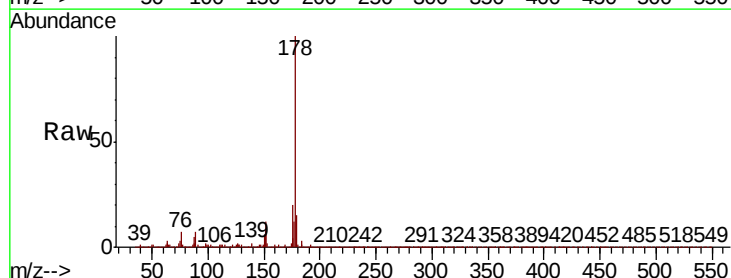
Tgt Ion:178 Resp: 384405

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

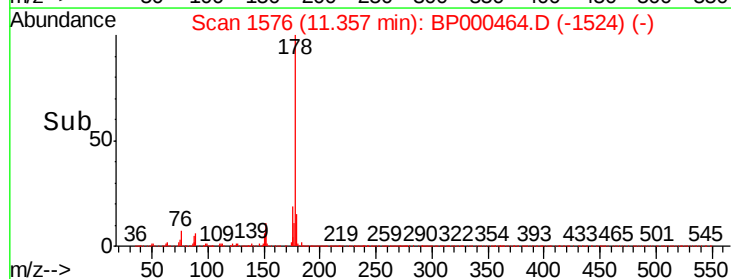
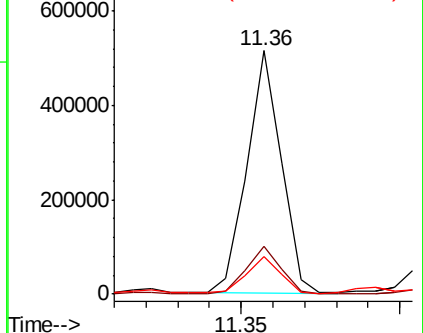
179 15.5 12.7 19.1

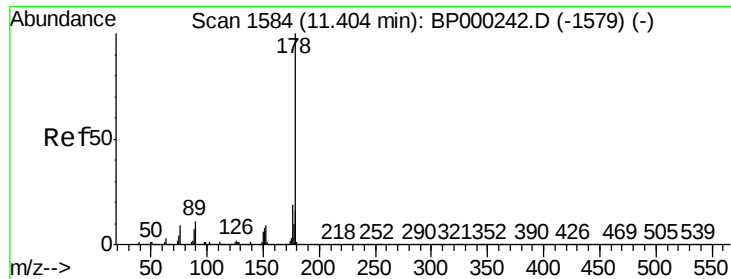


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 2.550 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 17:56

Instrument :

BNA_P

ClientSampleId :

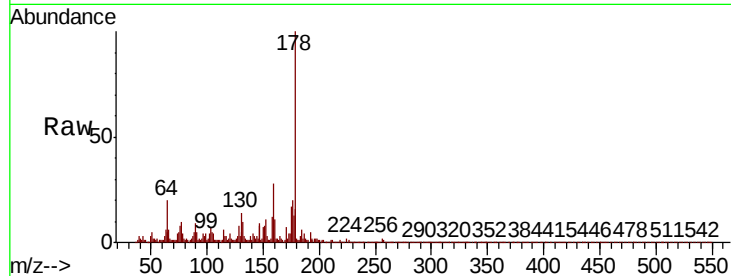
Tot Ion:178 Resp: 51685

Ion Ratio Lower Upper

178 100

176 20.1 15.4 23.0

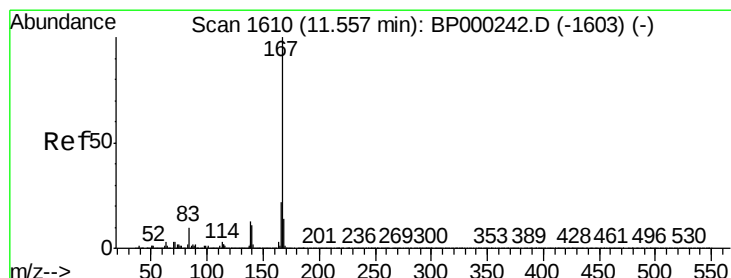
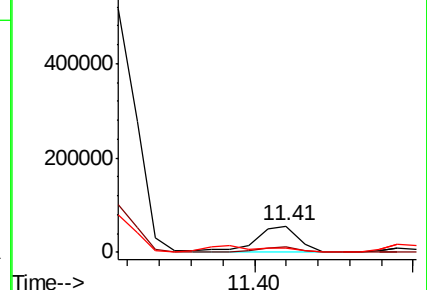
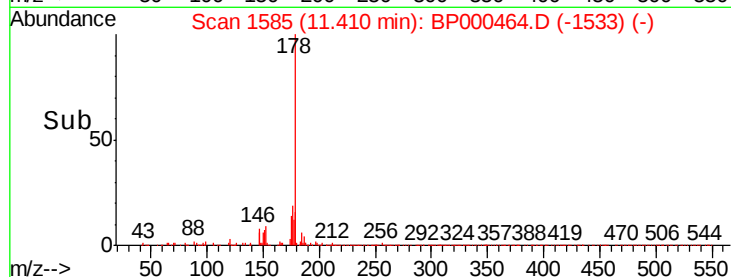
179 16.2 12.7 19.1



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



#73

Carbazole

Concen: 18.710 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 17:56

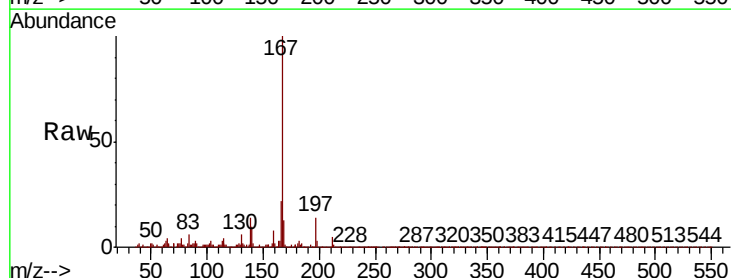
Tgt Ion:167 Resp: 341533

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.8

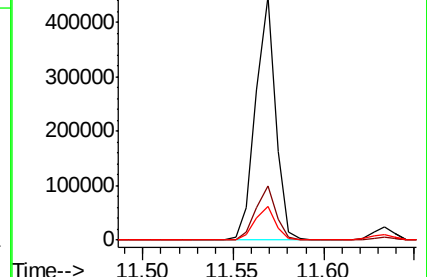
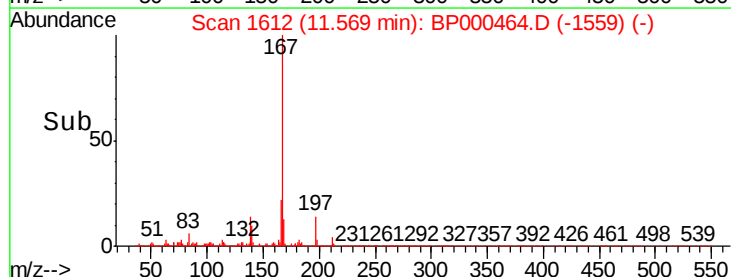
139 13.7 10.8 16.2

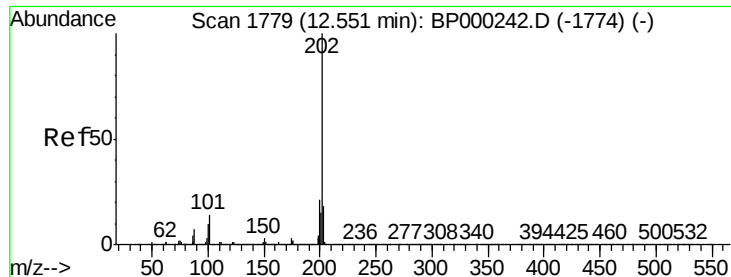


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 2.075 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 17:56

Instrument :

BNA_P

ClientSampleId :

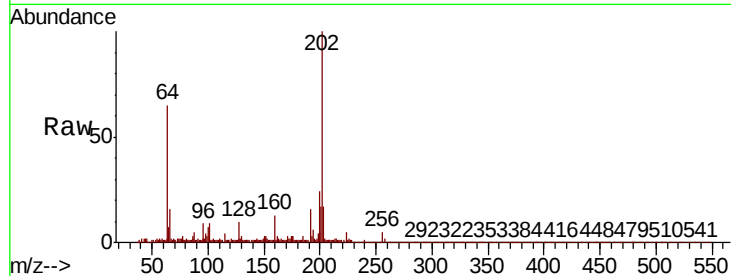
Tot Ion:202 Resp: 43871

Ion Ratio Lower Upper

202 100

101 8.8 0.0 33.9

203 17.0 0.0 38.0

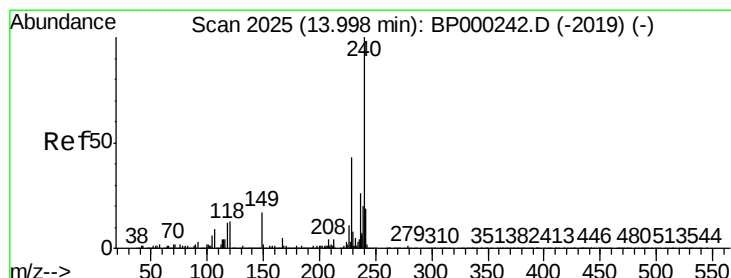
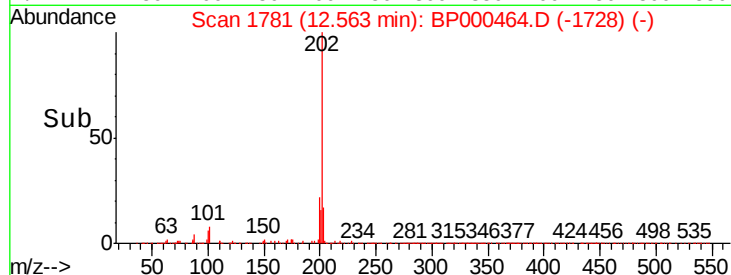
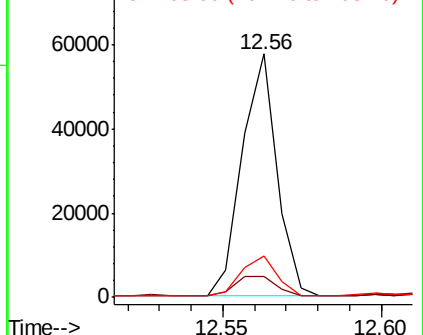


Abundance

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# 2026

Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 17:56

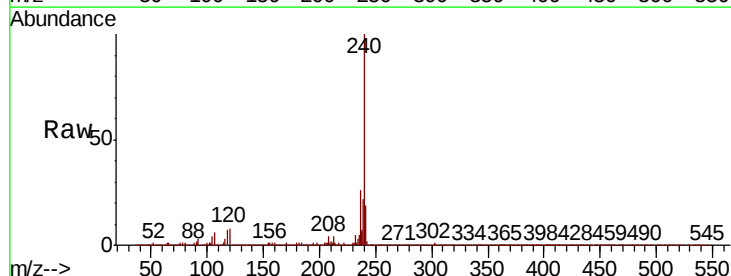
Tgt Ion:240 Resp: 386670

Ion Ratio Lower Upper

240 100

120 8.3 10.4 15.6#

236 26.3 21.0 31.6

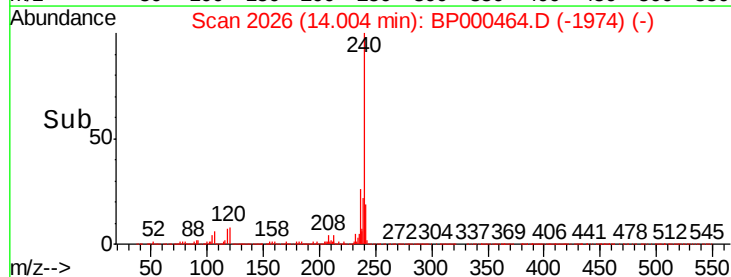
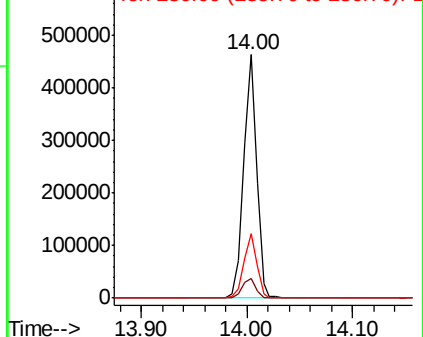


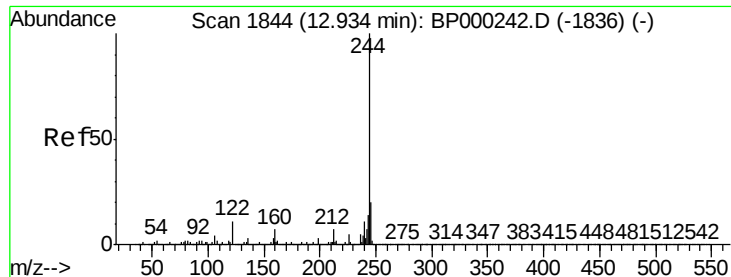
Abundance

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





#79

Terphenyl-d14

Concen: 17.737 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BP000464.D

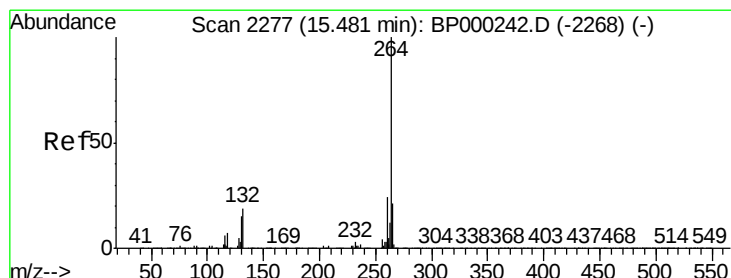
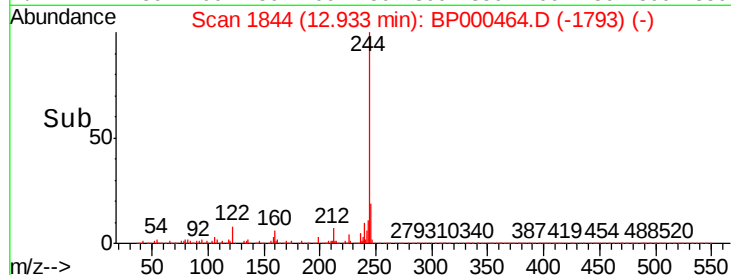
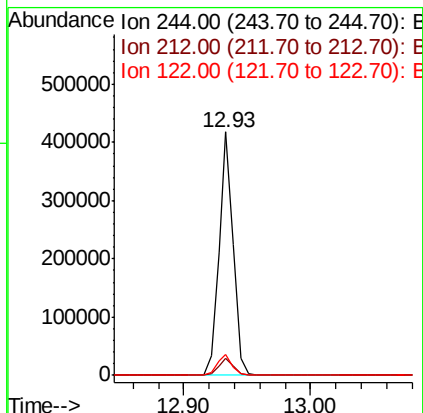
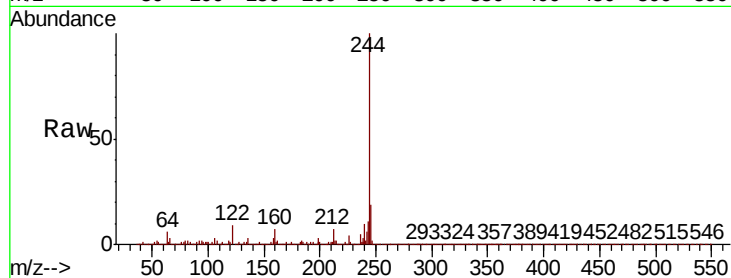
Acq: 27 Sep 2019 17:56

Instrument :

BNA_P

ClientSampled :

Tot Ion:244	Resp:	326921
Ion Ratio	Lower	Upper
244	100	
212	7.0	5.9 8.9
122	8.5	9.0 13.4#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 17:56

Tgt Ion:264	Resp:	736801
Ion Ratio	Lower	Upper
264	100	
260	23.3	18.9 28.3
265	21.2	17.2 25.8

