

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
 Data File : BP000704.D
 Acq On : 14 Oct 2019 12:40
 Operator : JU
 Sample : PB123656BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 15 02:40:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	180326	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	688822	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	388409	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	735052	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	609421	20.00	ng	0.00
87) Perylene-d12	15.45	264	696541	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	1161358	103.52	ng	-0.02
7) Phenol-d6	6.39	99	1420372	105.07	ng	-0.02
23) Nitrobenzene-d5	7.31	82	682151	60.48	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	441836	106.75	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	1513350	63.04	ng	-0.02
79) Terphenyl-d14	12.90	244	1883367	62.57	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.47	88	172774	38.568	ng	99
3) Pyridine	3.20	79	429730	35.109	ng	98
4) n-Nitrosodimethylamine	3.14	42	134388	39.018	ng	97
6) Aniline	6.41	93	536567	32.671	ng	# 72
8) 2-Chlorophenol	6.54	128	457572	41.329	ng	98
9) Benzaldehyde	6.30	77	283803	40.304	ng	95
10) Phenol	6.40	94	561592	40.574	ng	91
11) bis(2-Chloroethyl)ether	6.49	93	426591	40.060	ng	98
12) 1,3-Dichlorobenzene	6.69	146	518599	38.641	ng	98
13) 1,4-Dichlorobenzene	6.77	146	526296	38.971	ng	98
14) 1,2-Dichlorobenzene	6.92	146	493511	39.581	ng	100
15) Benzyl Alcohol	6.89	79	360351	41.276	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	385329	39.229	ng	99
17) 2-Methylphenol	7.01	107	380970	41.636	ng	98
18) Hexachloroethane	7.26	117	181089	37.677	ng	99
19) n-Nitroso-di-n-propylamine	7.16	70	253958	40.756	ng	98
20) 3+4-Methylphenols	7.16	107	468534	43.762	ng	# 75
22) Acetophenone	7.16	105	615187	38.651	ng	# 97
24) Nitrobenzene	7.33	77	438934	40.353	ng	96
25) Isophorone	7.57	82	806652	40.299	ng	97
26) 2-Nitrophenol	7.65	139	238597	41.711	ng	95
27) 2,4-Dimethylphenol	7.69	122	402217	45.871	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	527675	38.791	ng	99
29) 2,4-Dichlorophenol	7.89	162	409647	41.318	ng	96
30) 1,2,4-Trichlorobenzene	7.98	180	448293	38.500	ng	99
31) Naphthalene	8.06	128	1309745	40.713	ng	99
32) Benzoic acid	7.81	122	182244	32.916	ng	98
33) 4-Chloroaniline	8.10	127	402245	28.477	ng	99
34) Hexachlorobutadiene	8.18	225	256566	36.461	ng	97
35) Caprolactam	8.46	113	103520	31.174	ng	100
36) 4-Chloro-3-methylphenol	8.60	107	405269	41.735	ng	96
37) 2-Methylnaphthalene	8.75	142	914406	42.341	ng	99
38) 1-Methylnaphthalene	8.85	142	850944	41.701	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	455837	37.079	ng	99

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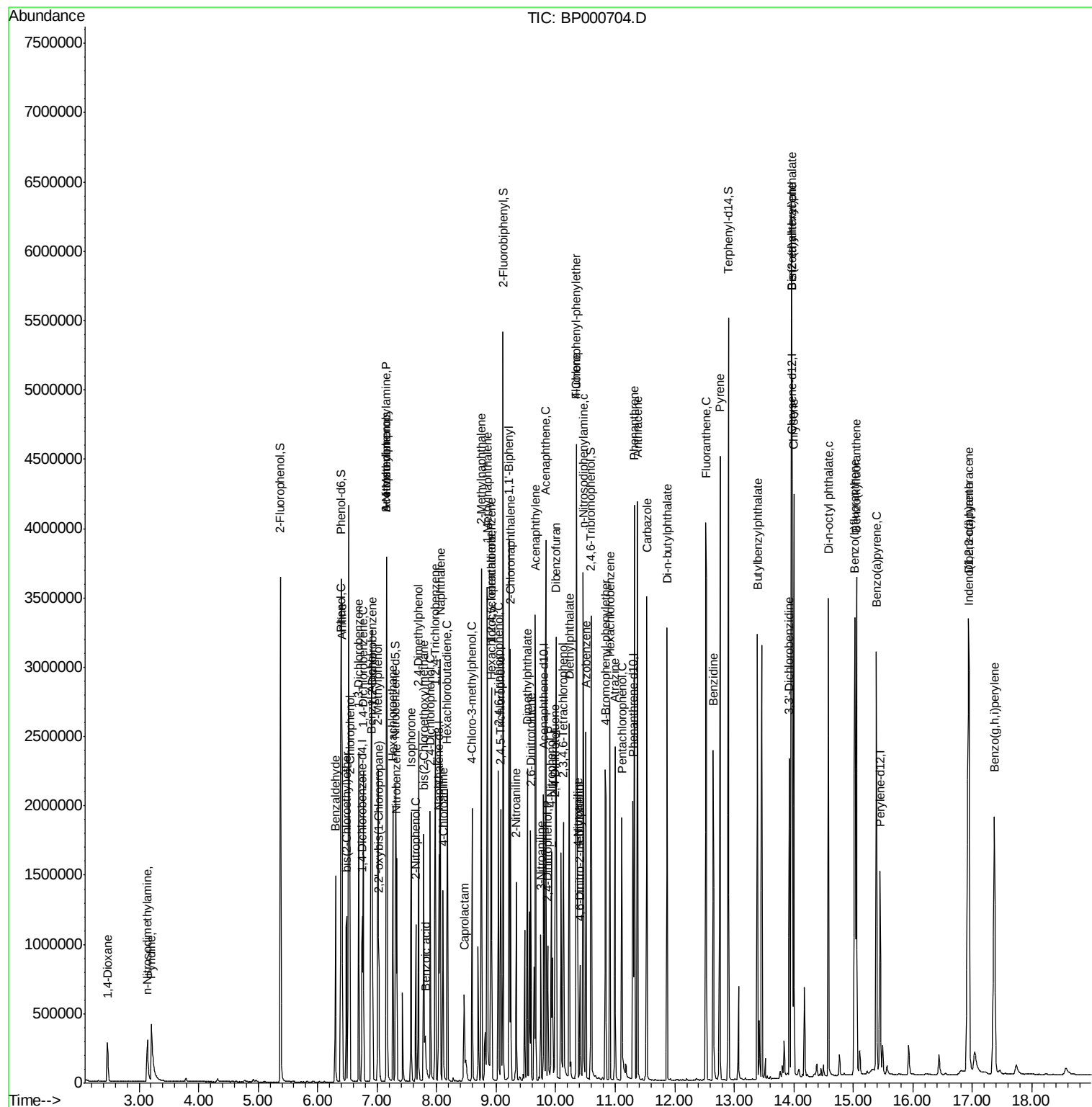
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	251262	53.700	ng	99
43) 2,4,6-Trichlorophenol	9.03	196	286695	37.884	ng	98
44) 2,4,5-Trichlorophenol	9.08	196	312068	39.939	ng	98
46) 1,1'-Biphenyl	9.22	154	1111998	37.929	ng	99
47) 2-Chloronaphthalene	9.24	162	876458	38.661	ng	98
48) 2-Nitroaniline	9.34	65	212010	38.628	ng	86
49) Acenaphthylene	9.66	152	1376234	40.237	ng	99
50) Dimethylphthalate	9.52	163	1028516	38.109	ng	100
51) 2,6-Dinitrotoluene	9.58	165	236768	40.230	ng	98
52) Acenaphthene	9.83	154	787001	37.932	ng	99
53) 3-Nitroaniline	9.75	138	184744	27.395	ng	90
54) 2,4-Dinitrophenol	9.86	184	144100	73.375	ng	98
55) Dibenzofuran	10.00	168	1245798	40.168	ng	100
56) 4-Nitrophenol	9.93	139	324001	75.254	ng	94
57) 2,4-Dinitrotoluene	9.99	165	309190	39.622	ng	96
58) Fluorene	10.35	166	941752	42.605	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	260299	39.409	ng	100
60) Diethylphthalate	10.23	149	988964	38.602	ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	489351	41.169	ng	98
62) 4-Nitroaniline	10.37	138	247795	38.206	ng	98
63) Azobenzene	10.50	77	840228	42.717	ng	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	126912	38.949	ng	98
66) n-Nitrosodiphenylamine	10.46	169	864178	40.366	ng	97
67) 4-Bromophenyl-phenylether	10.84	248	311781	37.681	ng	98
68) Hexachlorobenzene	10.91	284	338412	35.991	ng	95
69) Atrazine	11.00	200	308975	43.979	ng	98
70) Pentachlorophenol	11.11	266	280854	74.368	ng	98
71) Phenanthrene	11.32	178	1478532	40.051	ng	100
72) Anthracene	11.37	178	1509747	41.246	ng	100
73) Carbazole	11.53	167	1388205	40.913	ng	98
74) Di-n-butylphthalate	11.87	149	1612071	39.001	ng	99
75) Fluoranthene	12.52	202	1665985	40.182	ng	98
77) Benzidine	12.65	184	873094	49.475	ng	99
78) Pyrene	12.76	202	1696773	40.369	ng	99
80) Butylbenzylphthalate	13.39	149	709284	38.726	ng	99
81) Benzo(a)anthracene	13.96	228	1504999	40.475	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	489718	33.157	ng	97
83) Chrysene	14.00	228	1486241	40.724	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	929485	40.351	ng	97
85) Di-n-octyl phthalate	14.58	149	1731962	41.482	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	1843730	40.443	ng	99
88) Benzo(b)fluoranthene	15.02	252	1676003	42.413	ng	98
89) Benzo(k)fluoranthene	15.05	252	1475529	39.220	ng	98
90) Benzo(a)pyrene	15.39	252	1487032	40.368	ng	97
91) Dibenzo(a,h)anthracene	16.95	278	1520397	42.556	ng	97
92) Benzo(g,h,i)perylene	17.37	276	1563437	43.065	ng	100

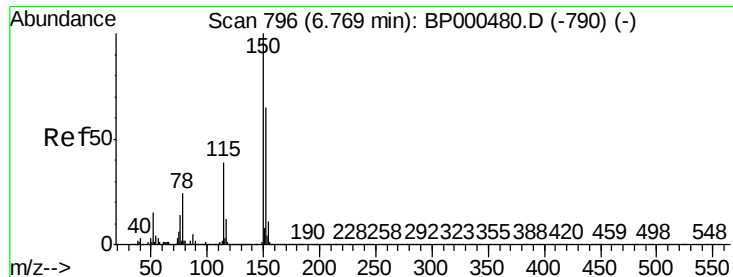
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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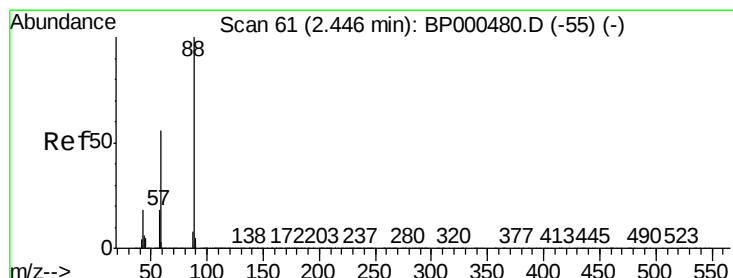
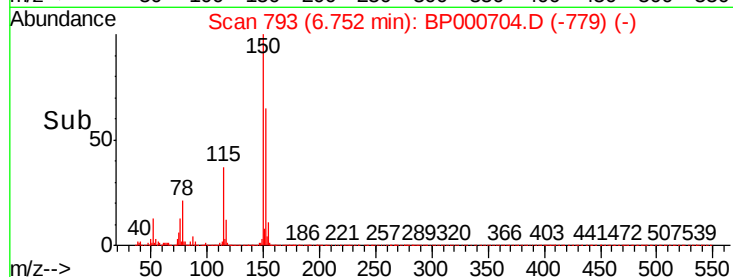
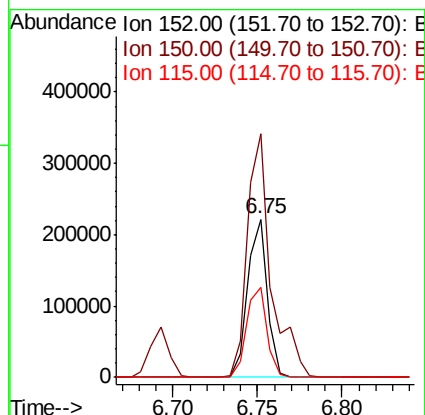
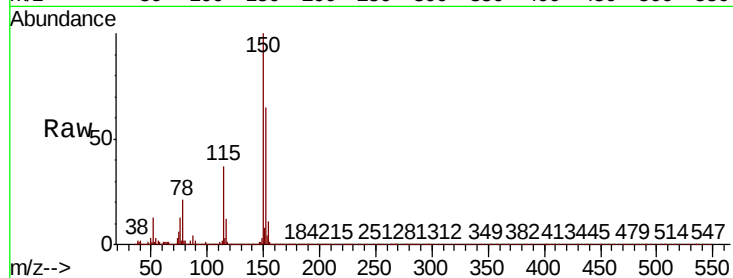


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Instrument :
BNA_P
ClientSampleId :

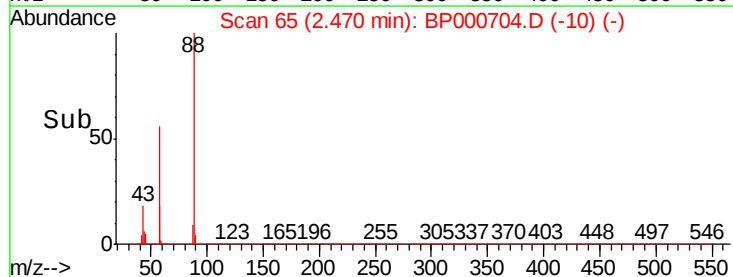
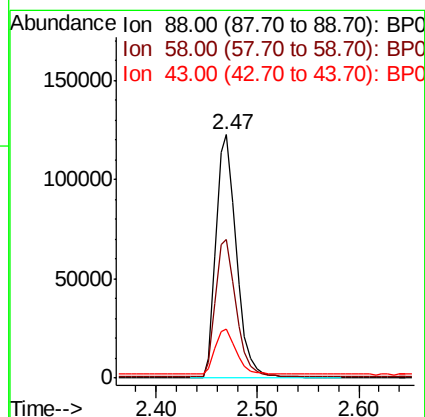
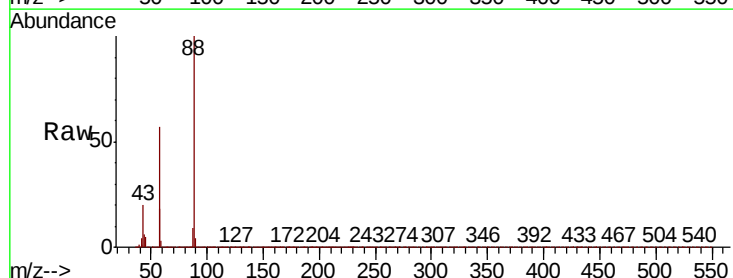
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.1	186.1
115	57.3	48.7	73.1

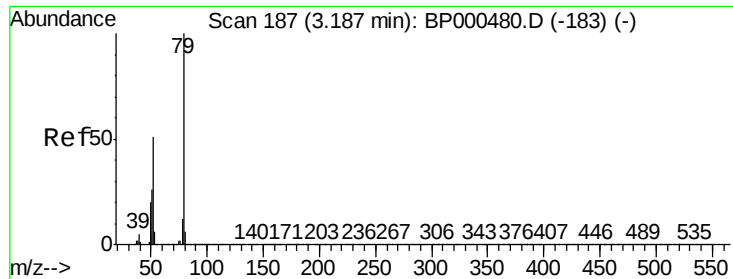


#2

1,4-Dioxane
Concen: 38.568 ng
RT: 2.47 min Scan# 65
Delta R.T. 0.02 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.4	45.3	67.9
43	18.3	14.5	21.7





#3

Pvridine

Concen: 35.109 ng

RT: 3.20 min Scan# 190

Delta R.T. 0.02 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

Instrument :

BNA_P

ClientSampleId :

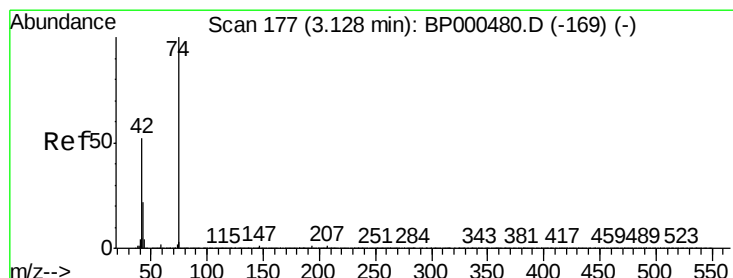
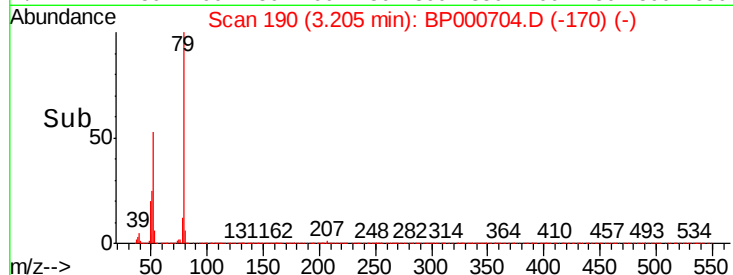
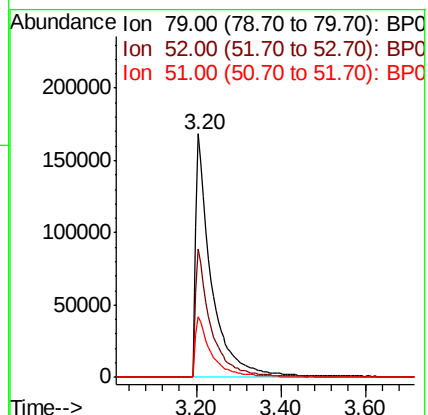
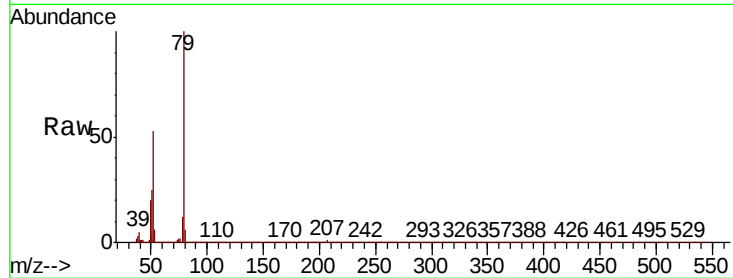
Tot Ion: 79 Resp: 429730

Ion Ratio Lower Upper

79 100

52 52.7 40.7 61.1

51 25.0 20.5 30.7



#4

n-Nitrosodimethylamine

Concen: 39.018 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.01 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

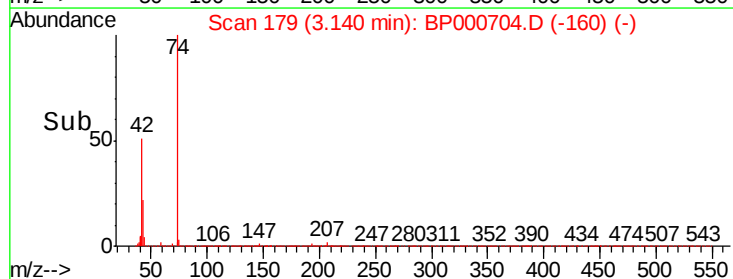
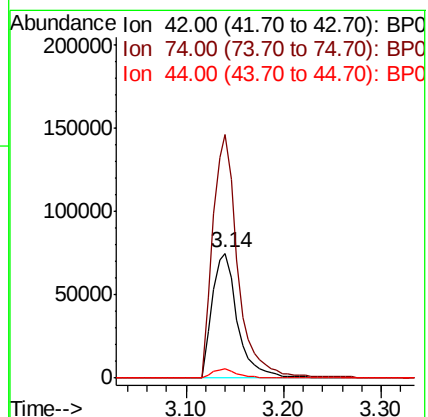
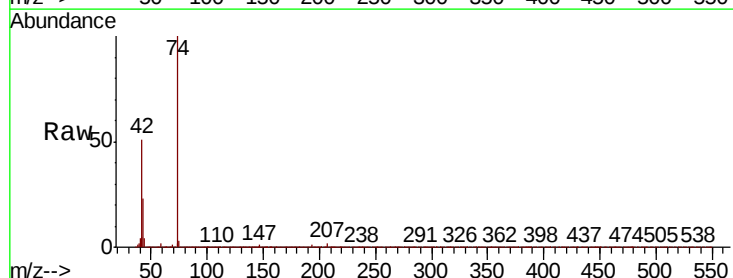
Tgt Ion: 42 Resp: 134388

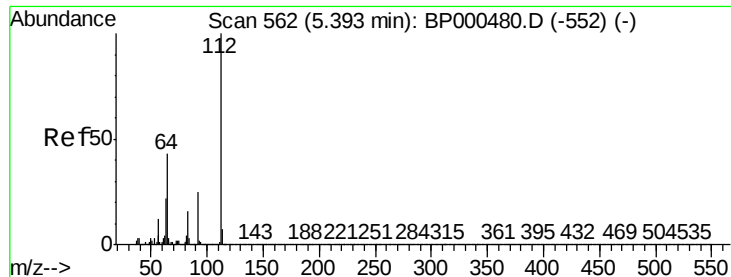
Ion Ratio Lower Upper

42 100

74 194.5 152.4 228.6

44 7.2 5.6 8.4





#5

2-Fluorophenol

Concen: 103.525 ng

RT: 5.38 min Scan# 559

Delta R.T. -0.02 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

Instrument :

BNA_P

ClientSampleId :

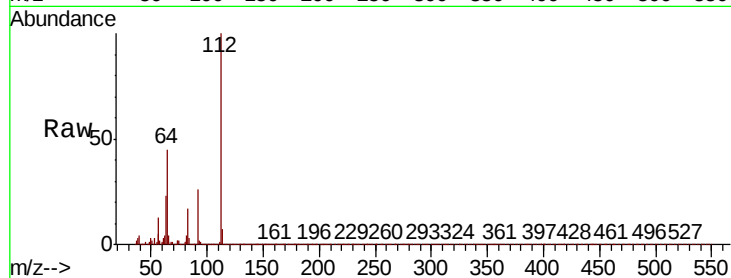
Tot Ion: 112 Resp: 1161358

Ion Ratio Lower Upper

112 100

64 45.5 34.2 51.4

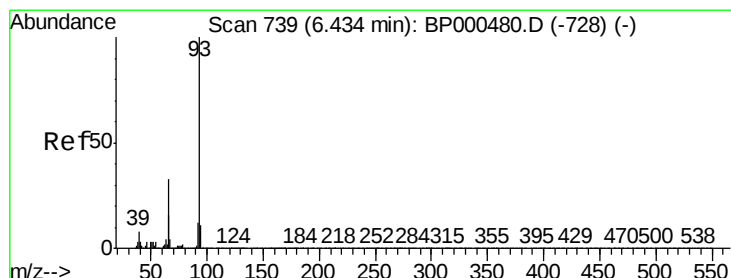
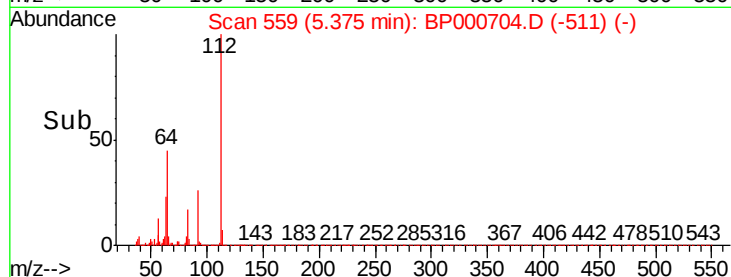
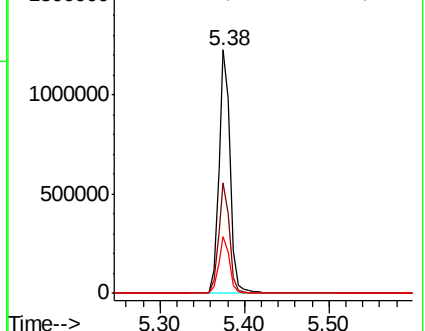
63 23.3 17.9 26.9



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: 32.671 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

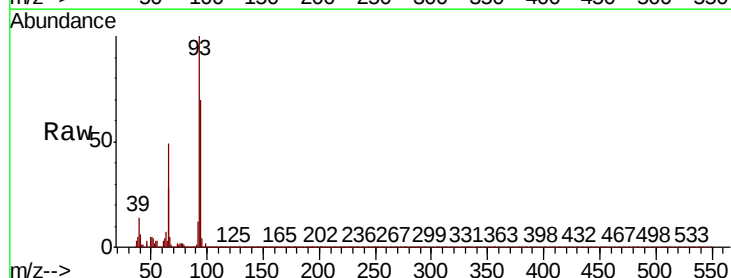
Tgt Ion: 93 Resp: 536567

Ion Ratio Lower Upper

93 100

66 49.3 26.3 39.5#

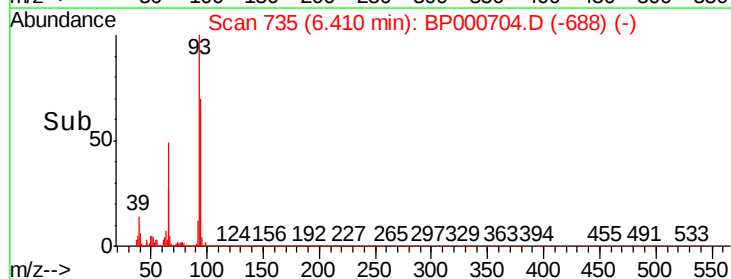
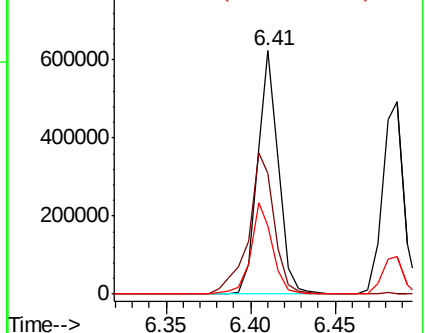
65 28.1 13.2 19.8#

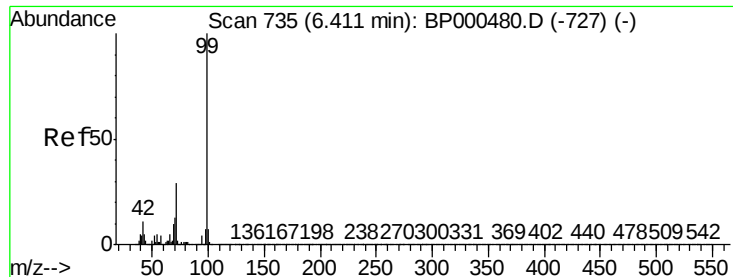


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 105.070 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

Instrument :

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ClientSampleId :

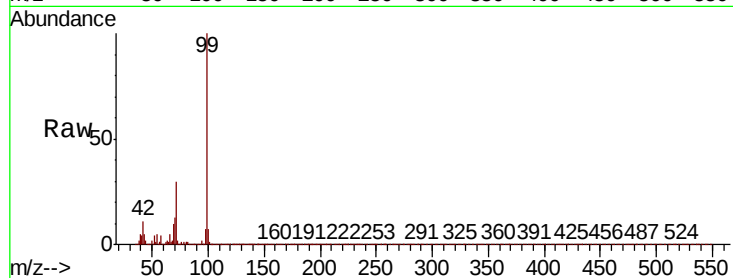
Tot Ion: 99 Resp: 1420372

Ion Ratio Lower Upper

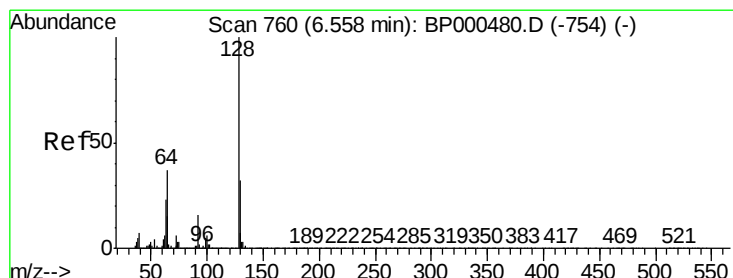
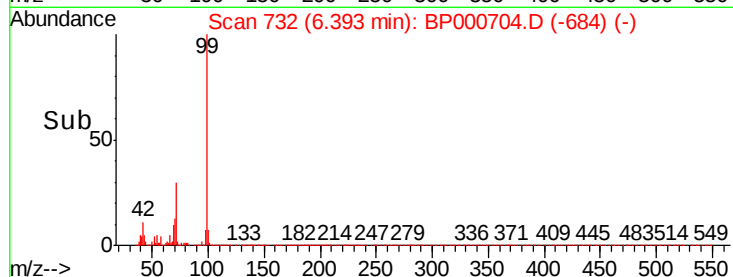
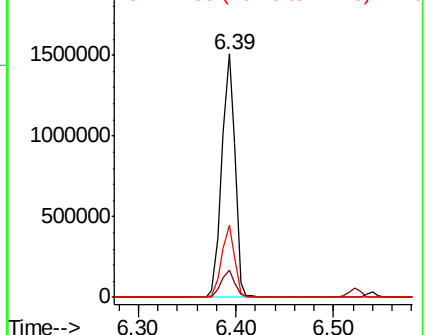
99 100

42 11.0 8.6 12.8

71 29.6 23.0 34.4



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



#8

2-Chlorophenol

Concen: 41.329 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.02 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

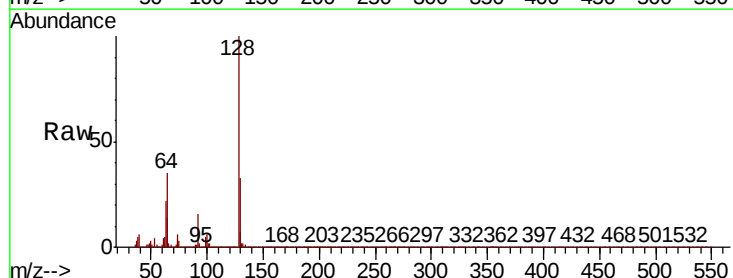
Tgt Ion:128 Resp: 457572

Ion Ratio Lower Upper

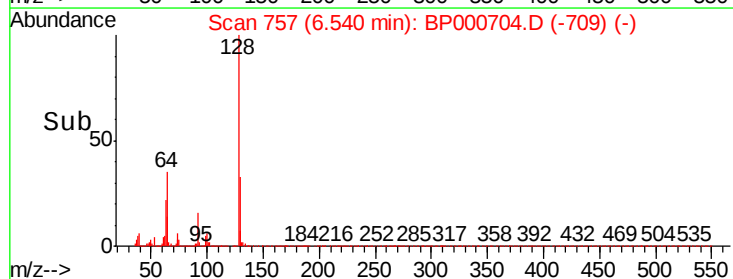
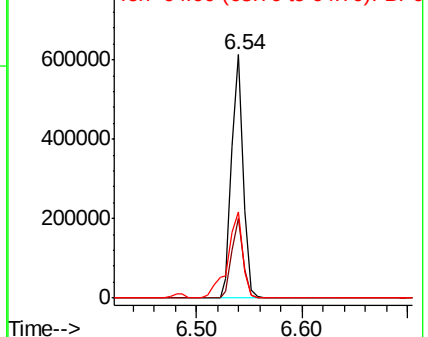
128 100

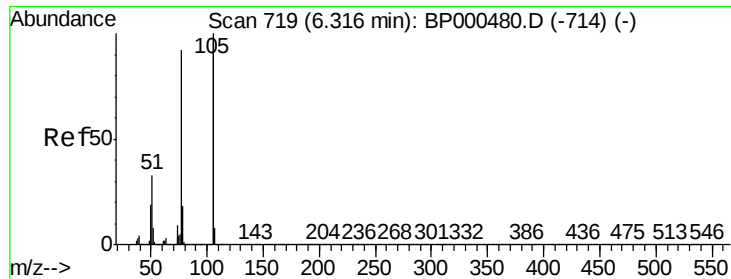
130 32.9 12.2 52.2

64 35.3 17.2 57.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 40.304 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BP000704.D

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ClientSampleId :

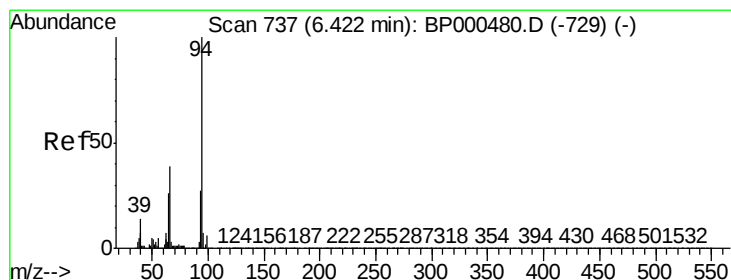
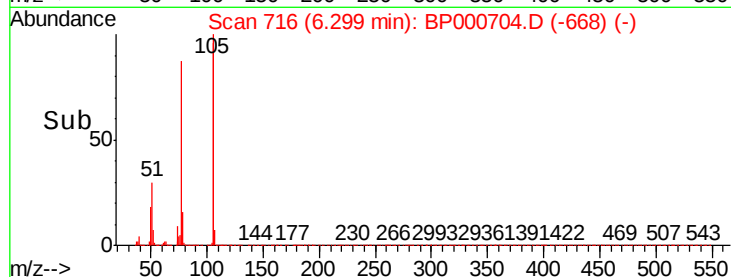
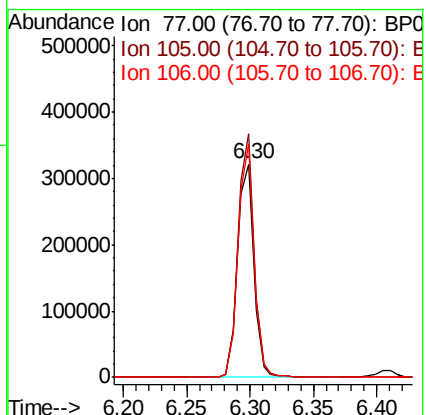
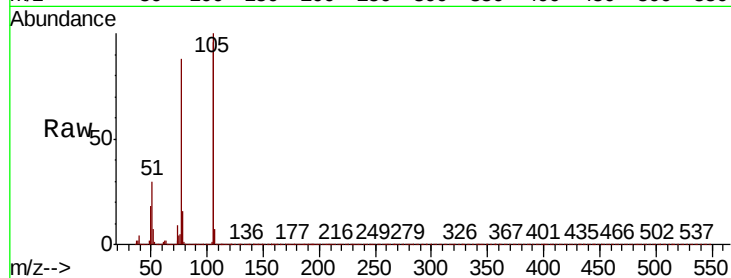
Tot Ion: 77 Resp: 283803

Ion Ratio Lower Upper

77 100

105 114.3 88.3 128.3

106 109.5 85.7 125.7



#10

Phenol

Concen: 40.574 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.02 min

Lab File: BP000704.D

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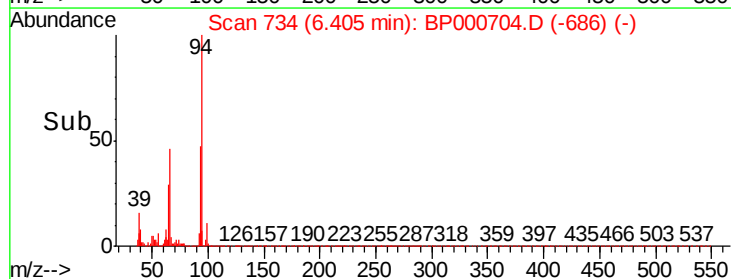
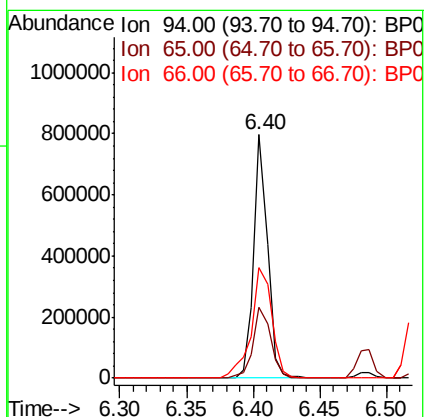
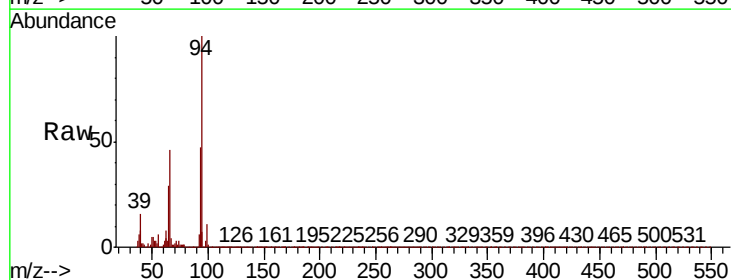
Tgt Ion: 94 Resp: 561592

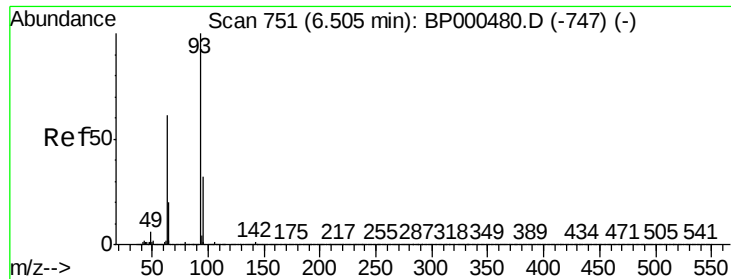
Ion Ratio Lower Upper

94 100

65 29.3 5.9 45.9

66 45.5 18.8 58.8

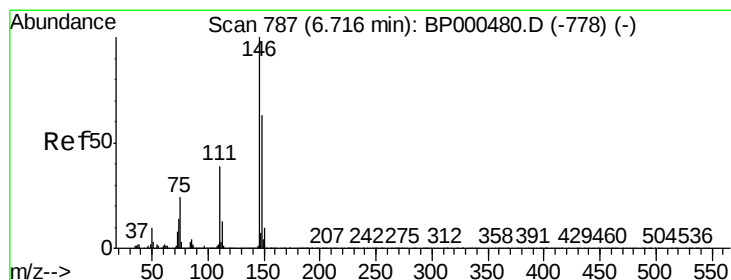
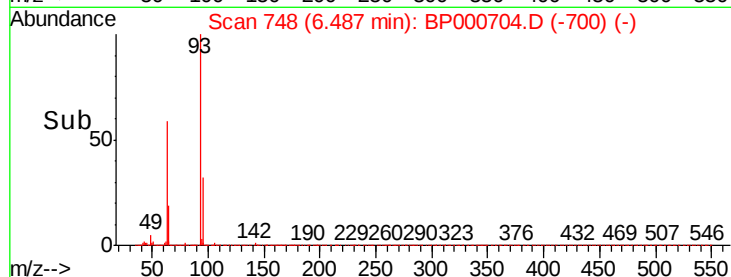
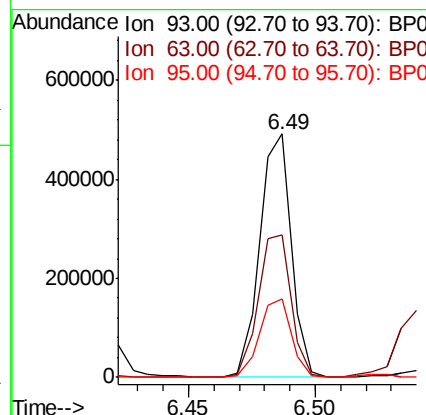
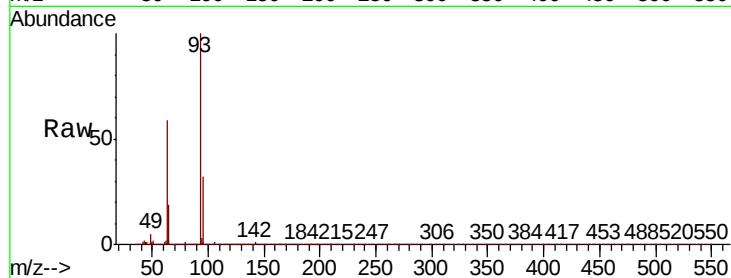




#11
bis(2-Chloroethyl)ether
Concen: 40.060 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

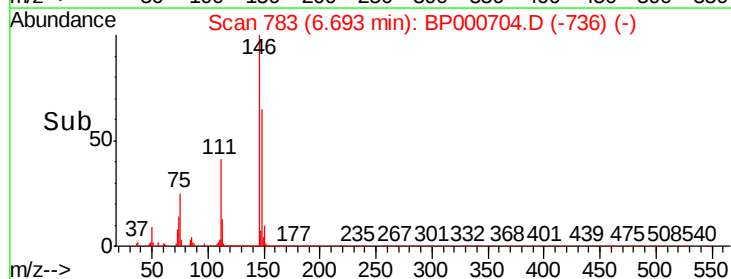
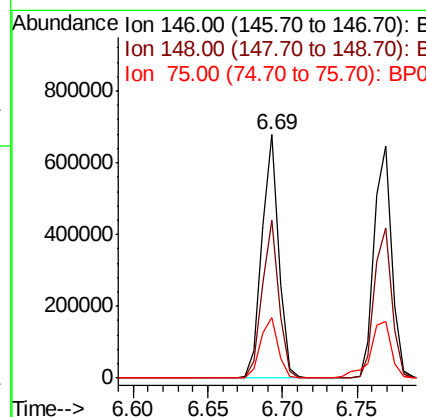
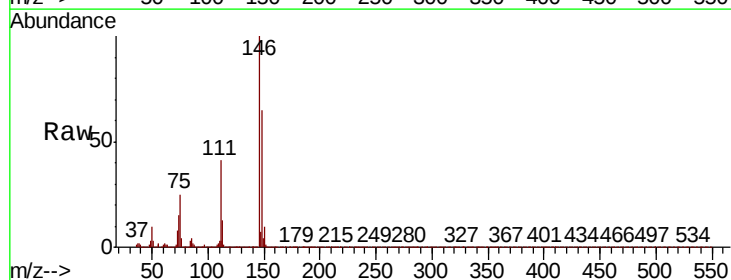
Instrument :
BNA_P
ClientSampleId :

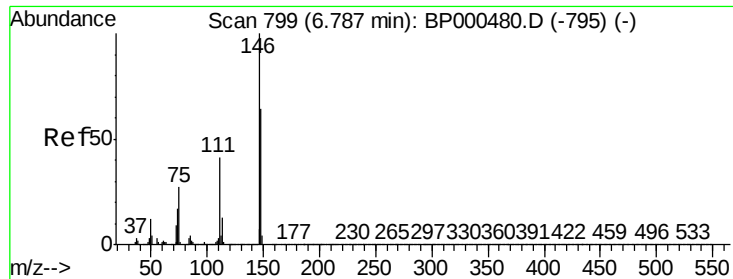
Tot Ion	Ion	Ratio	Lower	Upper
93	93	100		
63	63	58.6	41.1	81.1
95	95	32.2	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 38.641 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Tgt Ion	Ion	Ratio	Lower	Upper
146	146	100		
148	148	64.7	50.7	76.1
75	75	24.9	19.1	28.7

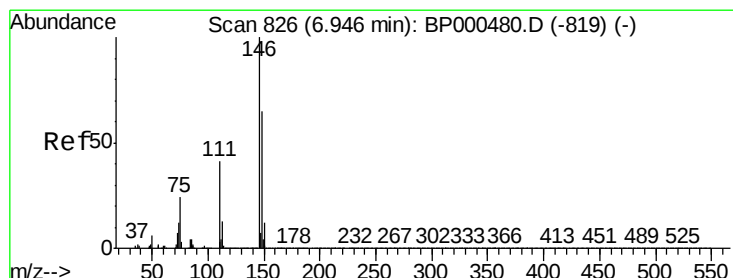
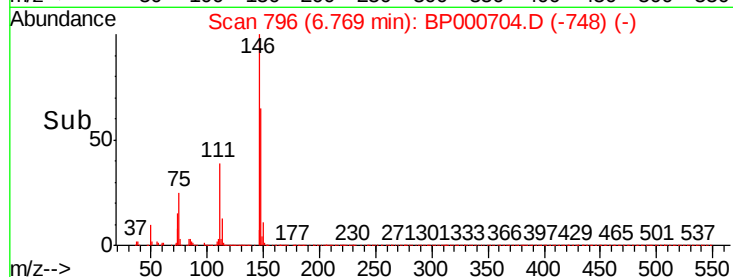
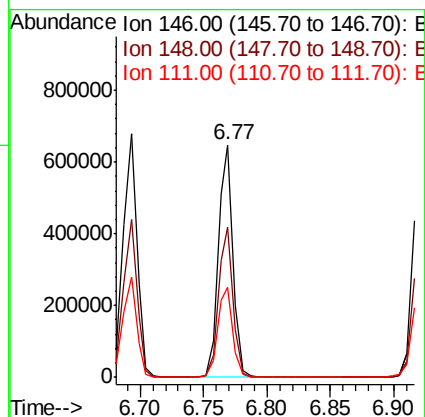
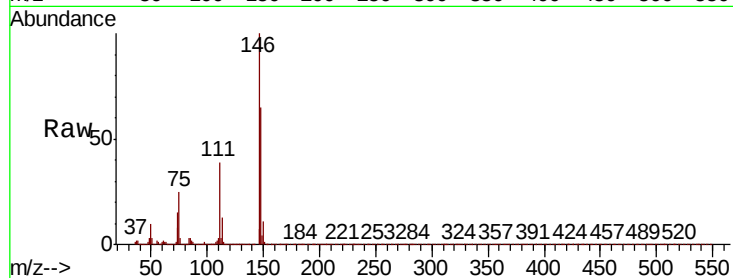




#13
 1,4-Dichlorobenzene
 Concen: 38.971 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BP000704.D
 Acq: 14 Oct 2019 12:40

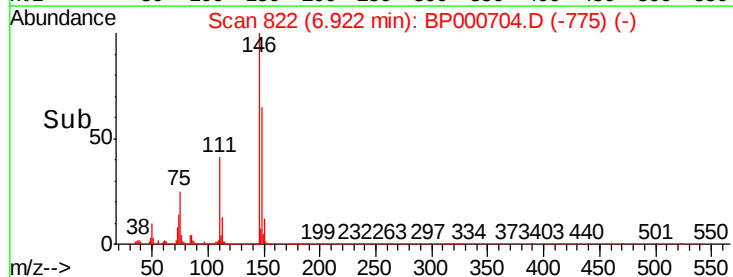
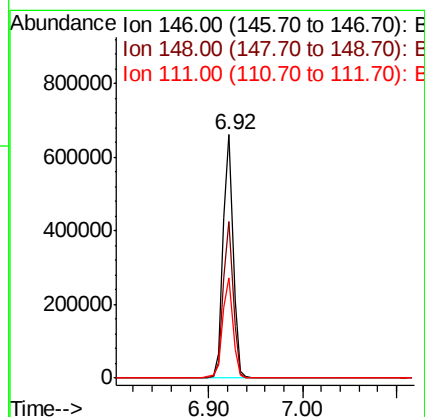
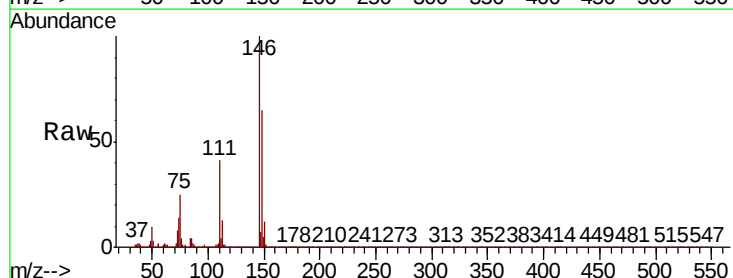
Instrument :
 BNA_P
 ClientSampleId :

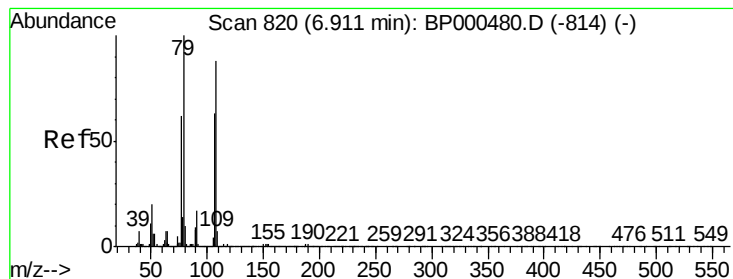
Tot Ion:146 Resp: 526296
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.1 76.7
 111 38.7 33.0 49.4



#14
 1,2-Dichlorobenzene
 Concen: 39.581 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BP000704.D
 Acq: 14 Oct 2019 12:40

Tgt Ion:146 Resp: 493511
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.8 77.6
 111 41.2 32.8 49.2





#15

Benzyl Alcohol

Concen: 41.276 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.02 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

Instrument :

BNA_P

ClientSampled :

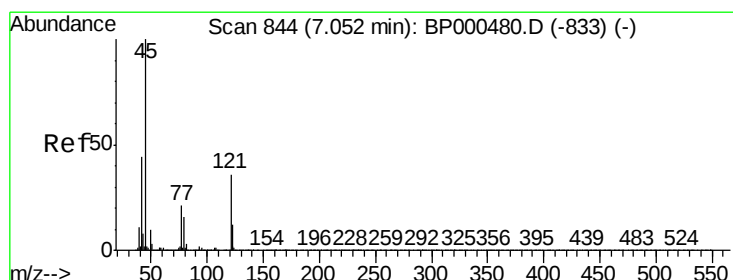
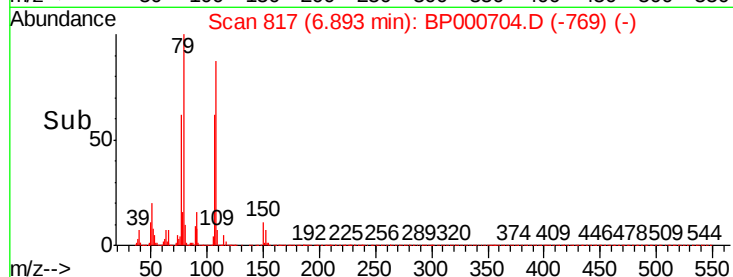
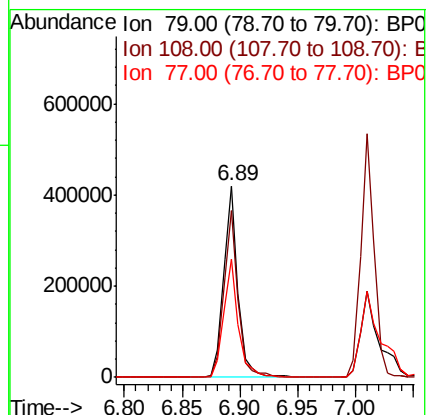
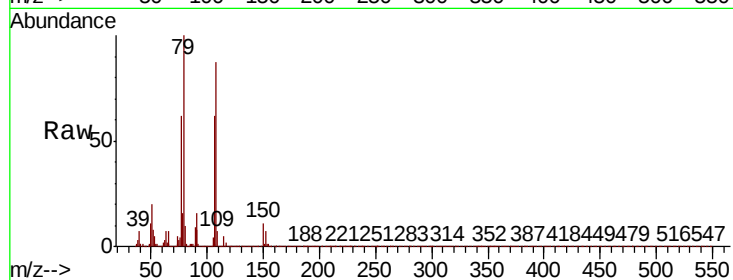
Tot Ion: 79 Resp: 360351

Ion Ratio Lower Upper

79 100

108 87.3 70.8 106.2

77 61.8 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.229 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.02 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

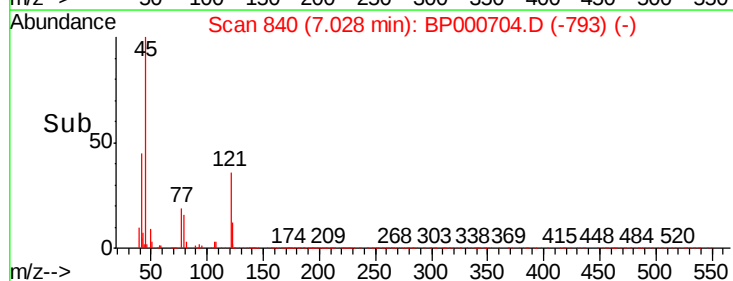
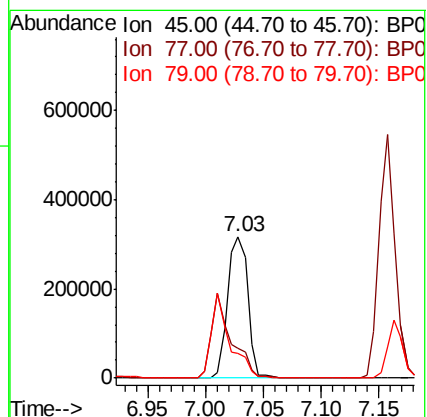
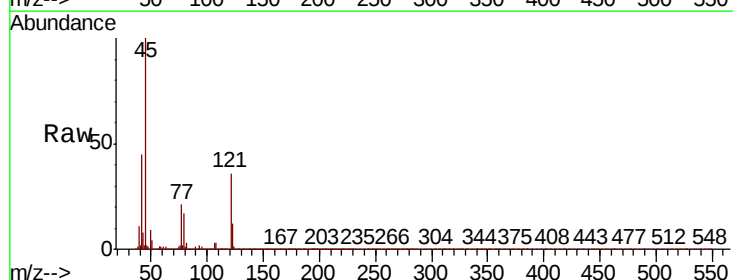
Tgt Ion: 45 Resp: 385329

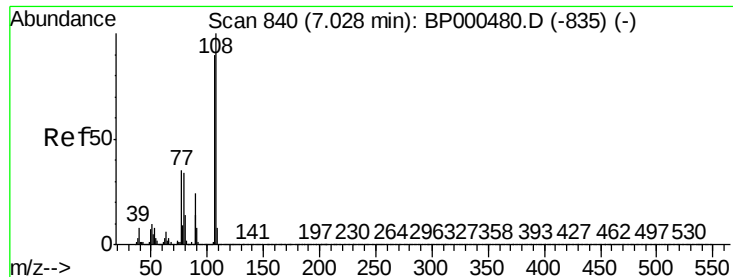
Ion Ratio Lower Upper

45 100

77 21.2 1.1 41.1

79 17.2 0.0 36.8

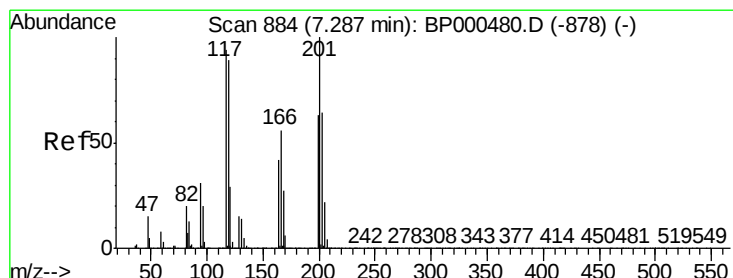
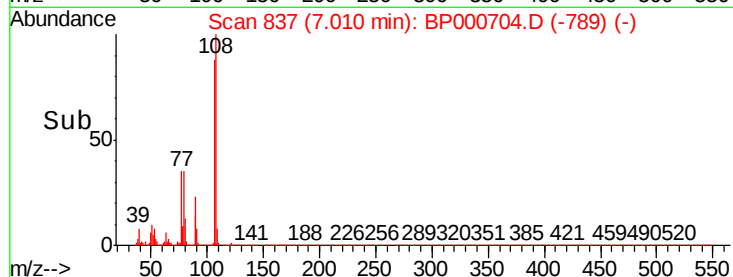
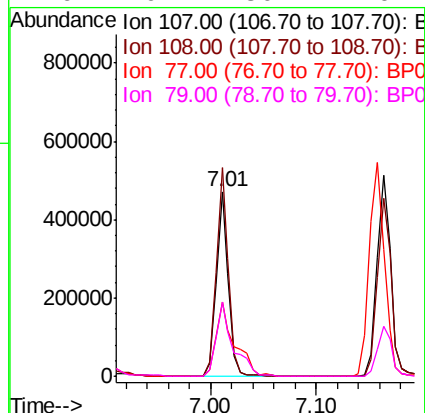
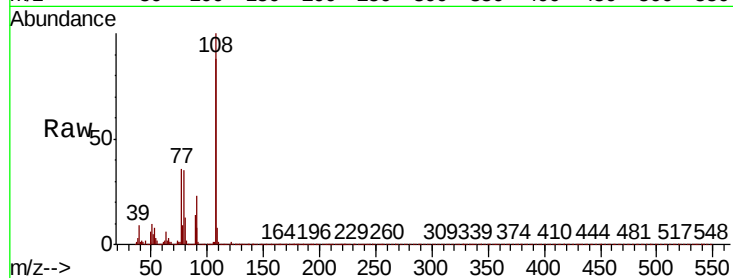




#17
2-Methylphenol
Concen: 41.636 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.02 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

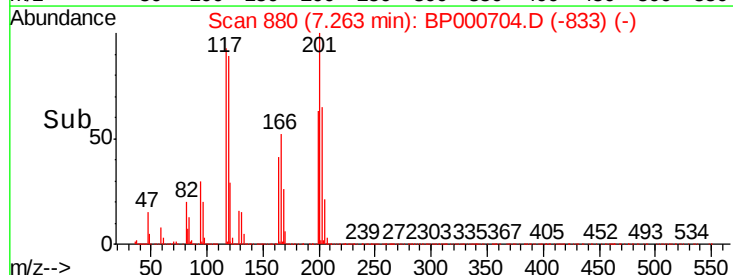
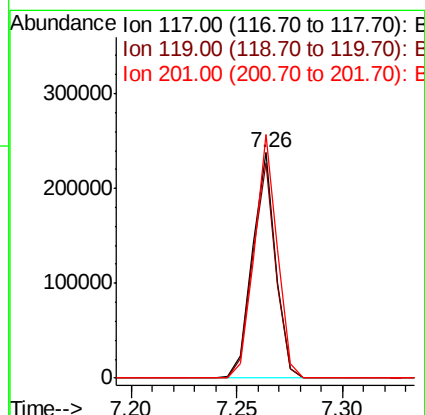
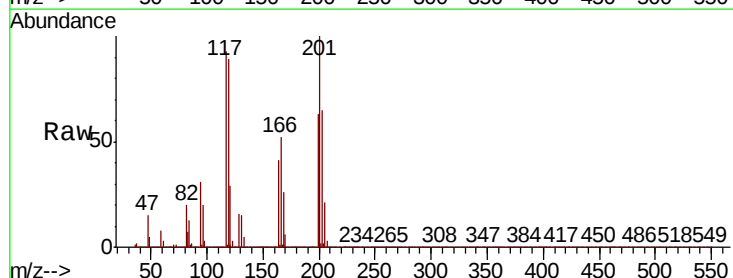
Instrument :
BNA_P
ClientSampleId :

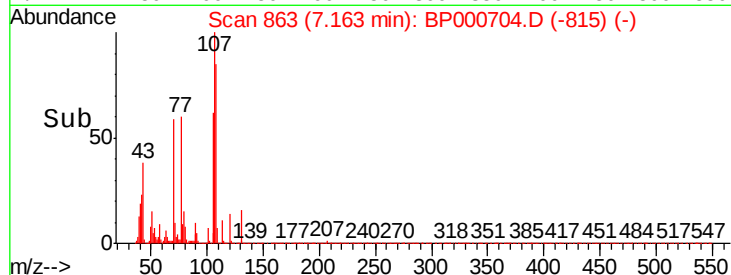
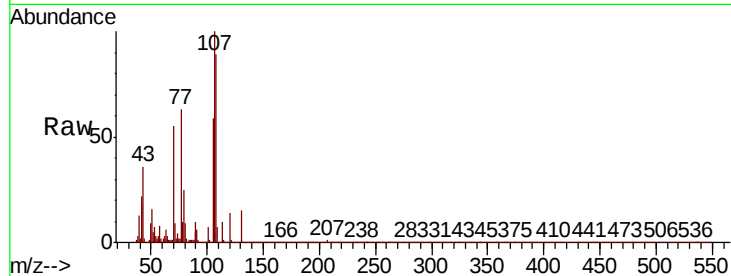
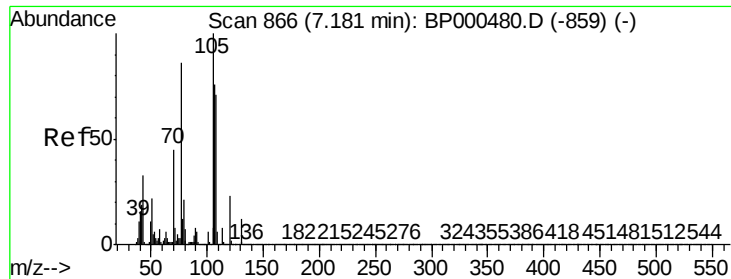
Tot Ion:	107	Resp:	380970
Ion	Ratio	Lower	Upper
107	100		
108	113.0	89.0	133.4
77	40.1	31.2	46.8
79	40.1	30.7	46.1



#18
Hexachloroethane
Concen: 37.677 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Tgt Ion:	117	Resp:	181089
Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.3	114.5
201	108.0	85.4	128.0

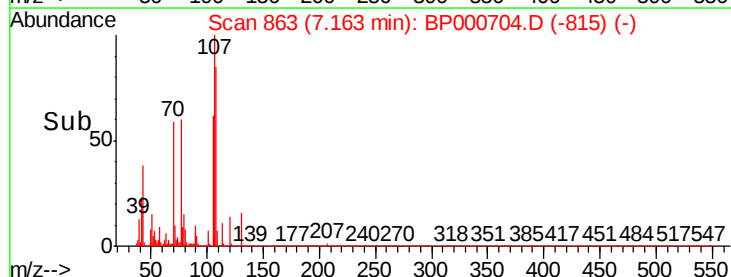
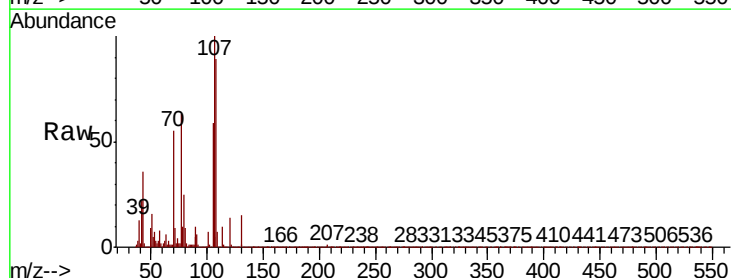
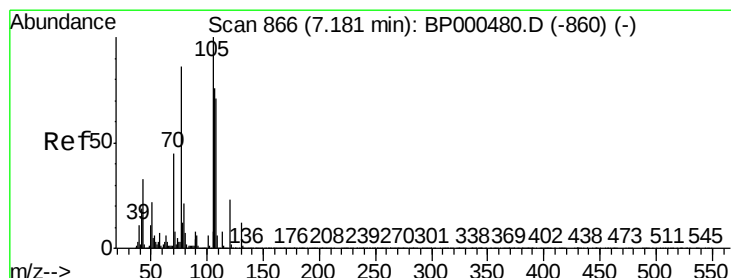
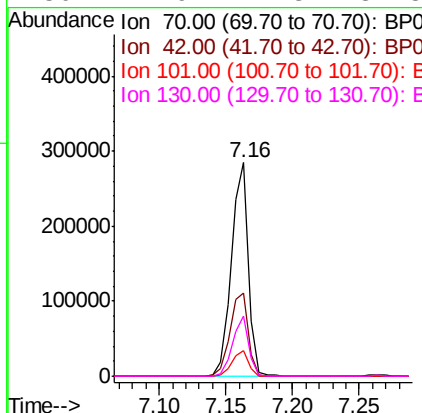




#19
n-Nitroso-di-n-propylamine
Concen: 40.756 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.02 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

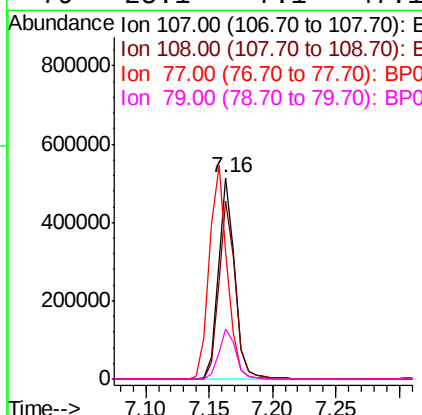
Instrument :
BNA_P
ClientSampleId :

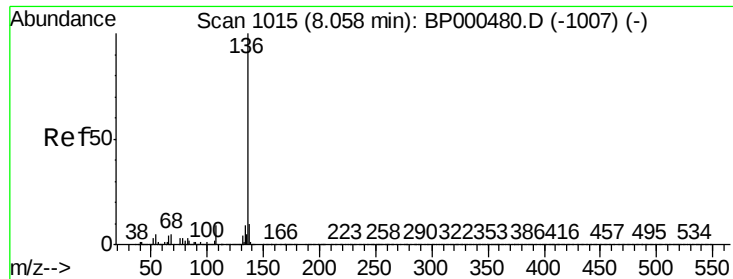
Tot Ion:	70	Resp:	253958
Ion	Ratio	Lower	Upper
70	100		
42	39.2	33.2	49.8
101	12.1	9.9	14.9
130	27.9	21.8	32.8



#20
3+4-Methylphenols
Concen: 43.762 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.02 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Tgt Ion:	107	Resp:	468534
Ion	Ratio	Lower	Upper
107	100		
108	88.6	72.6	112.6
77	63.0	93.3	133.3#
79	25.1	7.1	47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 688822

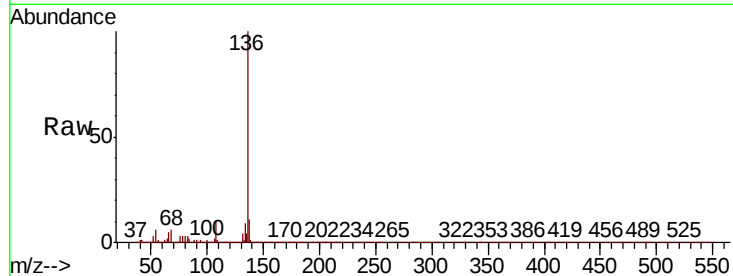
Ion Ratio Lower Upper

136 100

137 11.0 8.2 12.4

54 5.7 4.1 6.1

68 5.7 4.1 6.1

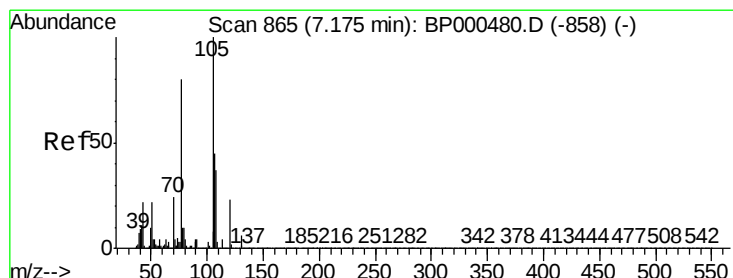
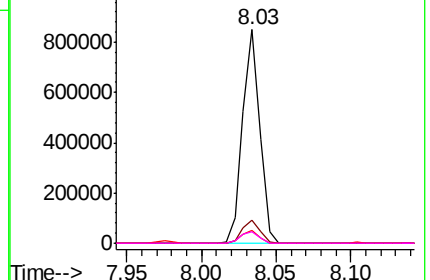
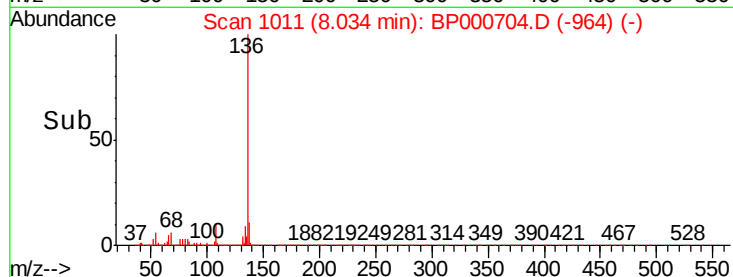


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#22

Acetophenone

Concen: 38.651 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

Tgt Ion:105 Resp: 615187

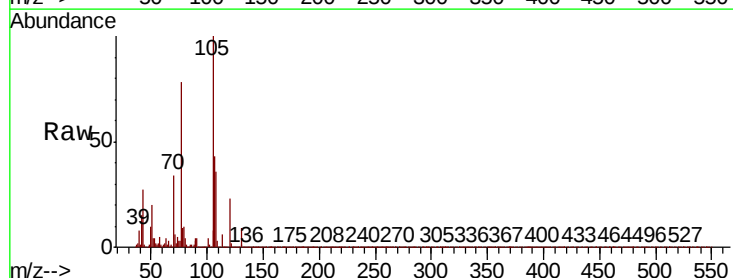
Ion Ratio Lower Upper

105 100

71 5.8 3.3 4.9#

51 20.3 17.4 26.2

120 23.4 18.0 27.0

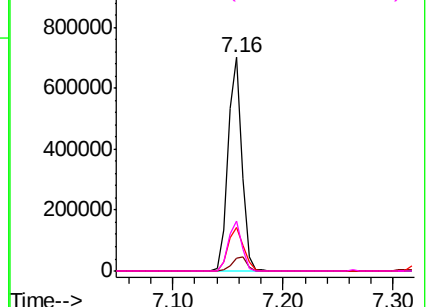
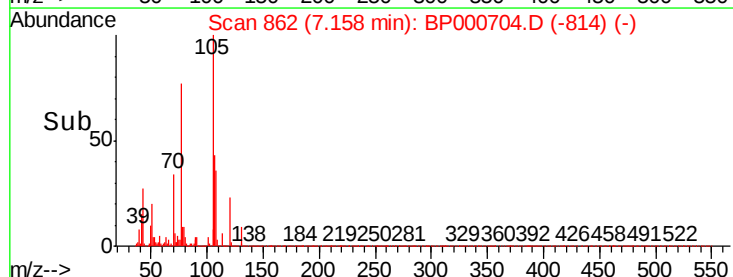


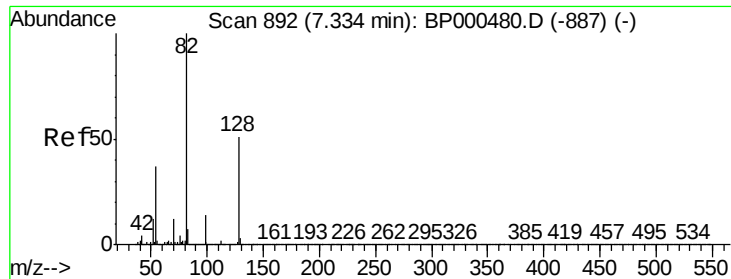
Abundance Ion 105.00 (104.70 to 105.70): E

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

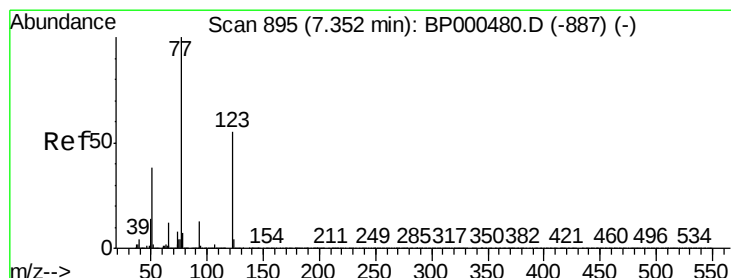
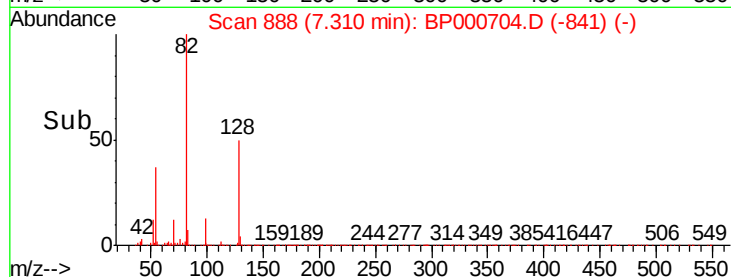
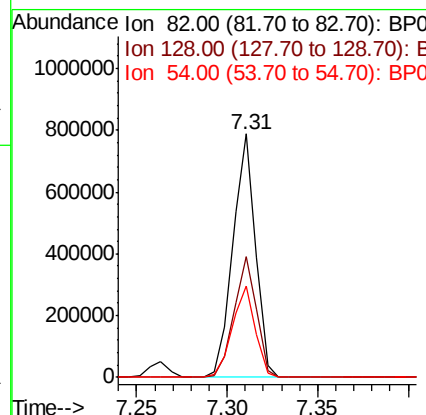
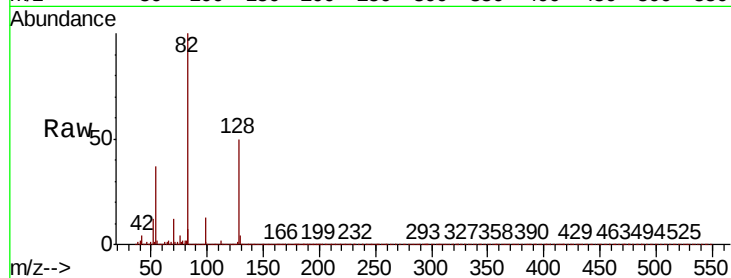




#23
 Nitrobenzene-d5
 Concen: 60.484 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BP000704.D
 Acq: 14 Oct 2019 12:40

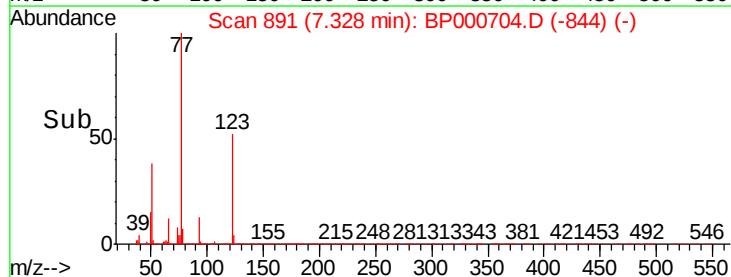
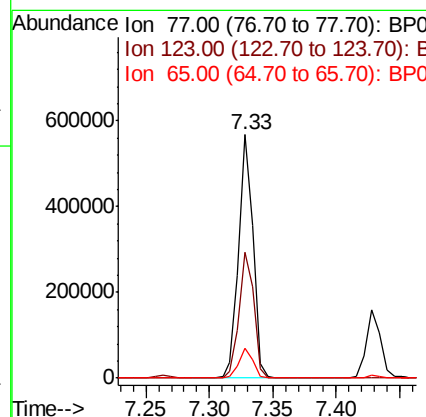
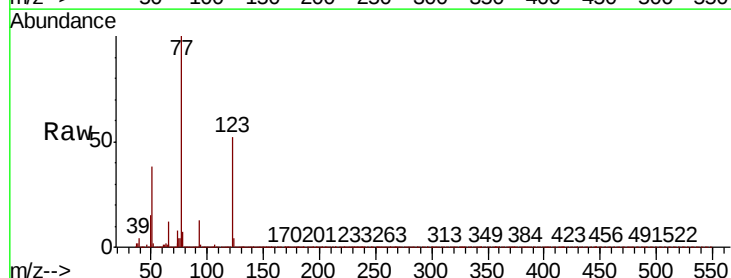
Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	82	Resp	682151
Ion Ratio	100	Lower	Upper
128	49.6	40.9	61.3
54	37.3	29.4	44.2



#24
 Nitrobenzene
 Concen: 40.353 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.02 min
 Lab File: BP000704.D
 Acq: 14 Oct 2019 12:40

Tgt Ion	77	Resp	438934
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
123	51.7	44.1	66.1
65	12.2	9.7	14.5





#25

Isophorone

Concen: 40.299 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.02 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

Instrument :

BNA_P

ClientSampleId :

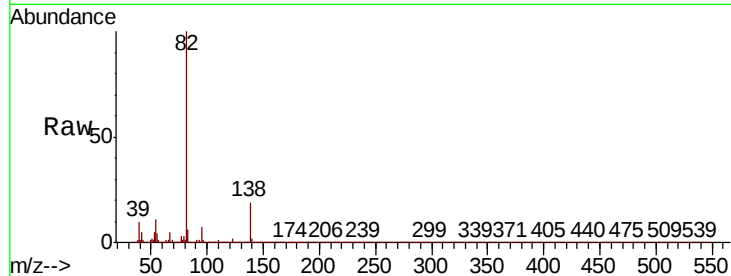
Tot Ion: 82 Resp: 806652

Ion Ratio Lower Upper

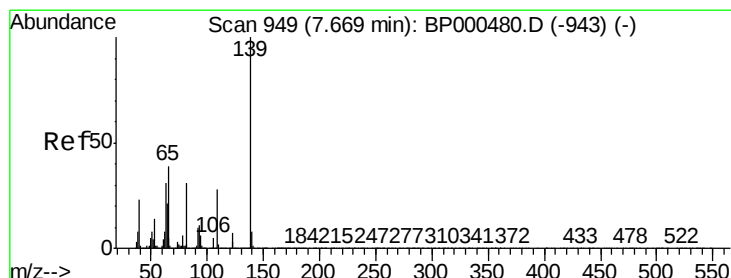
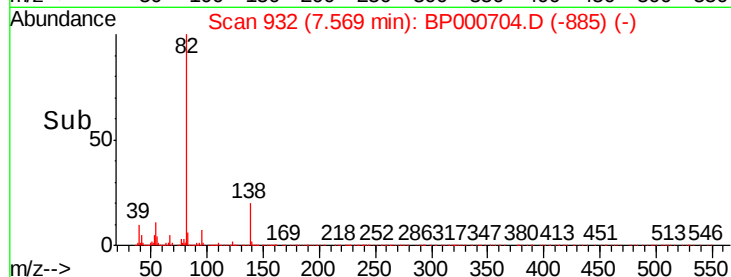
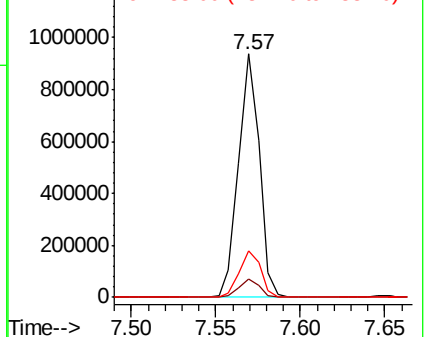
82 100

95 7.3 5.8 8.6

138 19.2 17.0 25.4



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



#26

2-Nitrophenol

Concen: 41.711 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.02 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

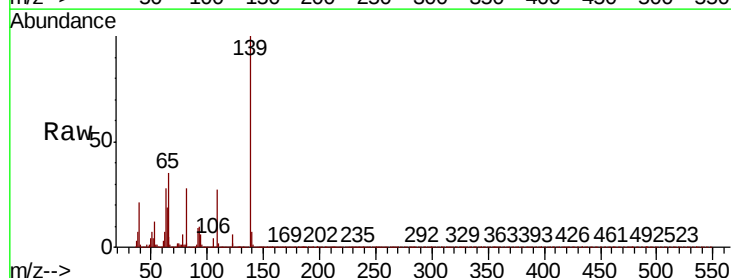
Tgt Ion: 139 Resp: 238597

Ion Ratio Lower Upper

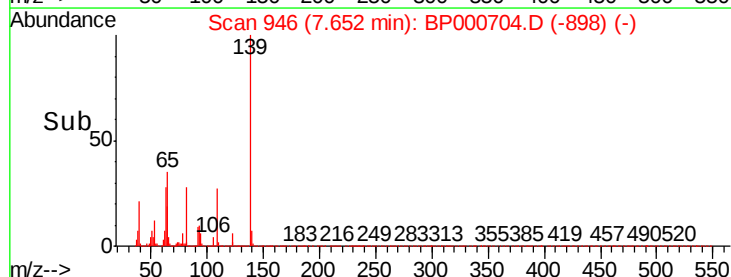
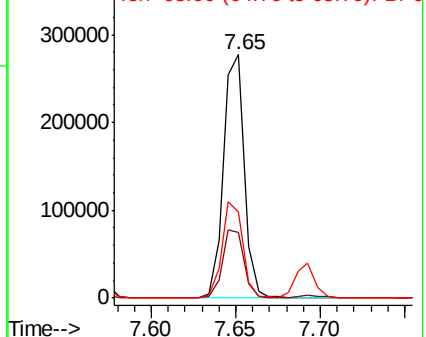
139 100

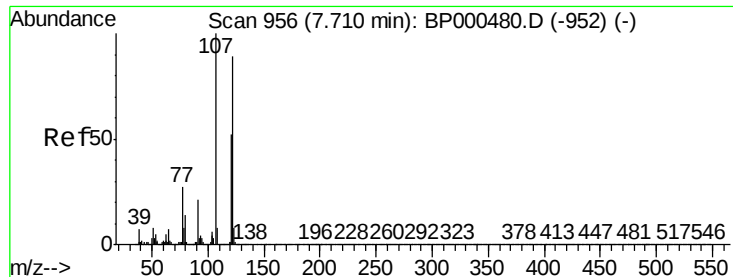
109 27.2 22.8 34.2

65 35.3 31.5 47.3



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BP0





#27

2,4-Dimethylphenol

Concen: 45.871 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BP000704.D

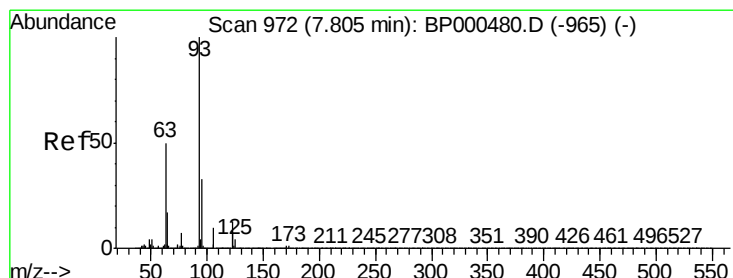
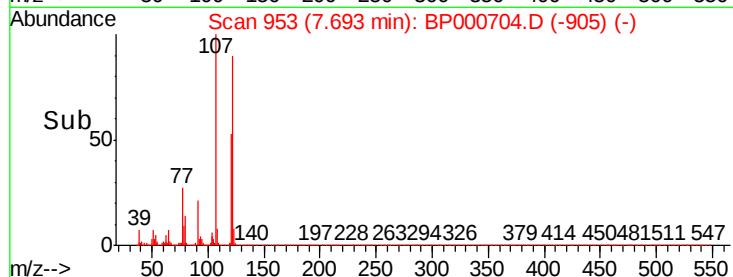
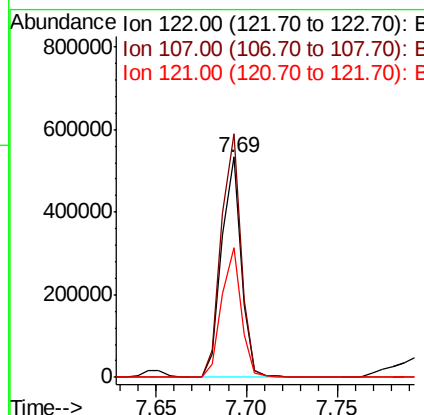
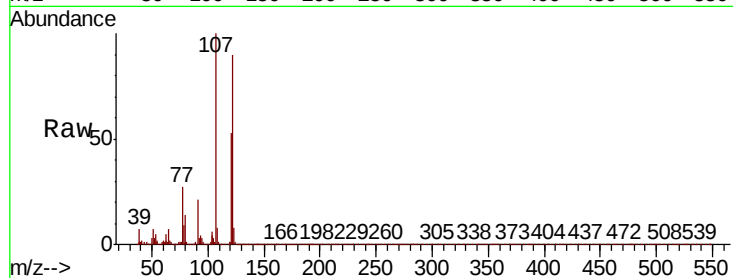
Acq: 14 Oct 2019 12:40

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	122	Resp:	402217
Ion	Ratio	Lower	Upper
122	100		
107	110.6	89.9	134.9
121	58.8	46.6	70.0



#28

bis(2-Chloroethoxy)methane

Concen: 38.791 ng

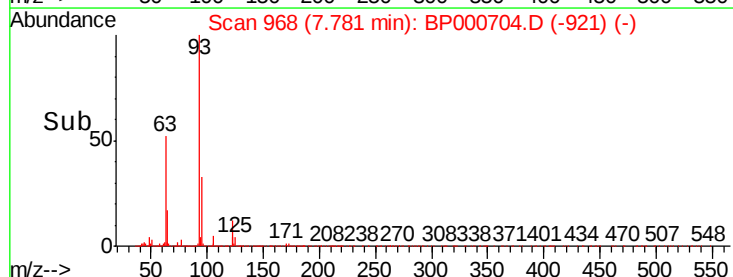
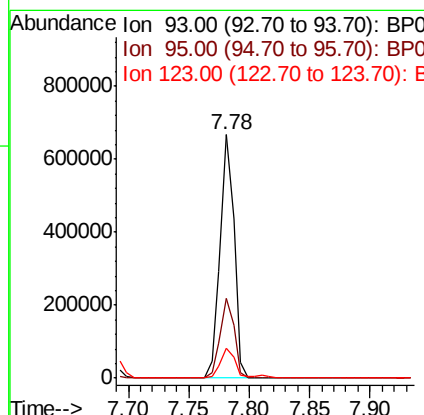
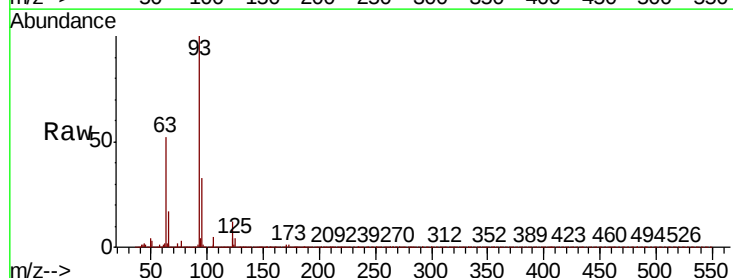
RT: 7.78 min Scan# 968

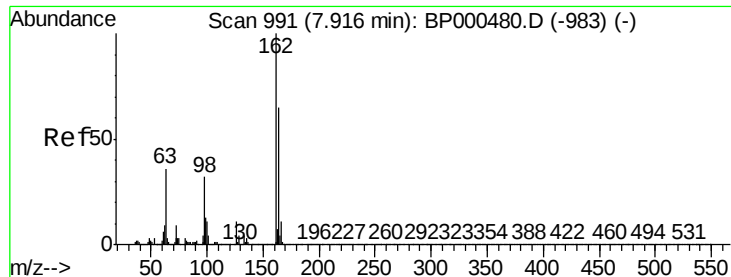
Delta R.T. -0.02 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

Tgt Ion:	93	Resp:	527675
Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.2
123	12.2	10.2	15.2

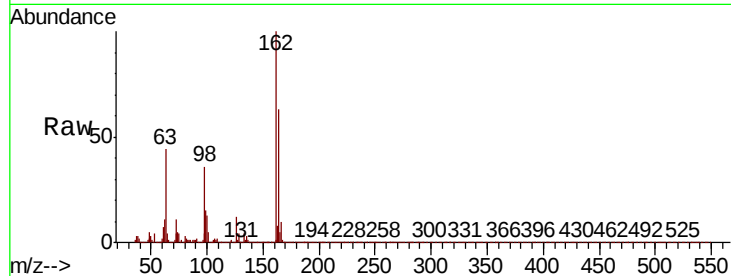




#29
2,4-Dichlorophenol
Concen: 41.318 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.6	84.6
98	36.2	11.6	51.6

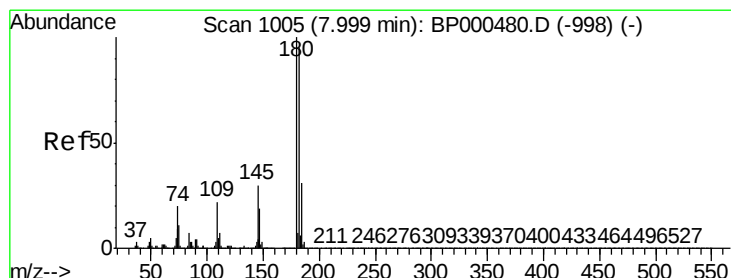
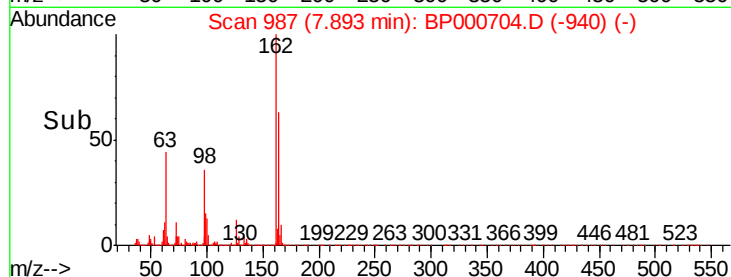
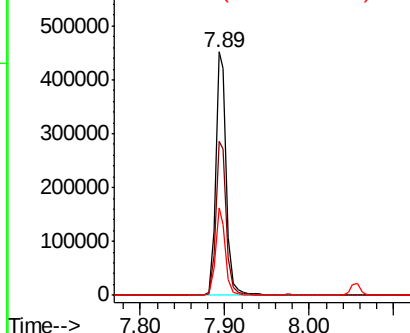


Abundance

Ion 162.00 (161.70 to 162.70): E

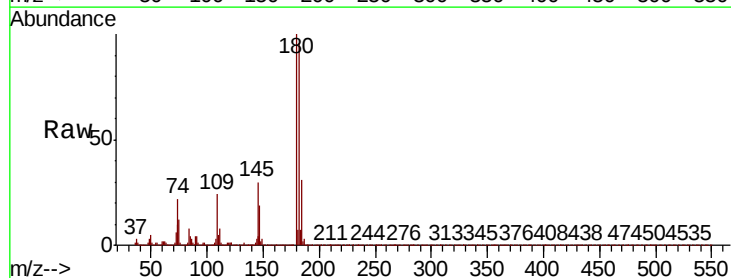
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BP0



#30
1,2,4-Trichlorobenzene
Concen: 38.500 ng
RT: 7.98 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.2	114.4
145	29.9	23.6	35.4

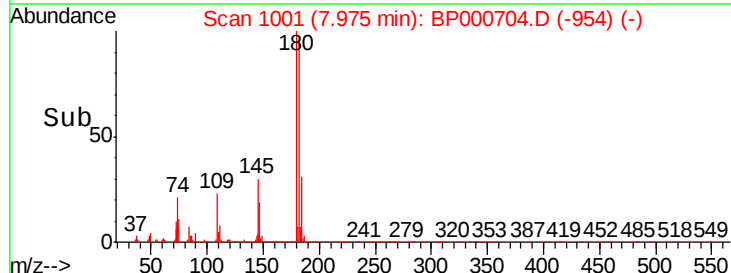
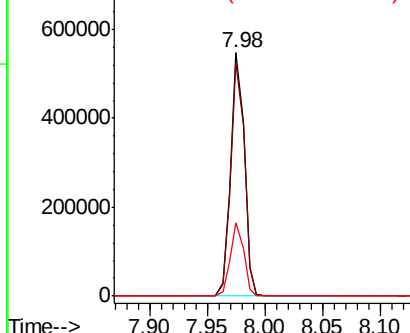


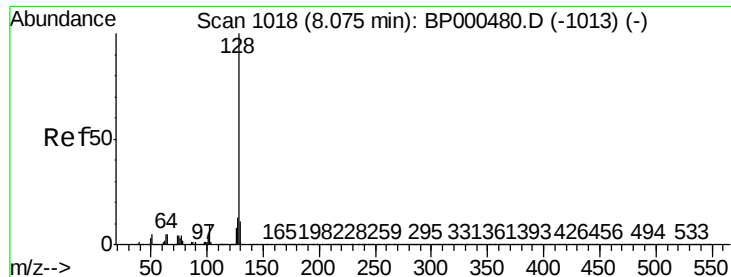
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

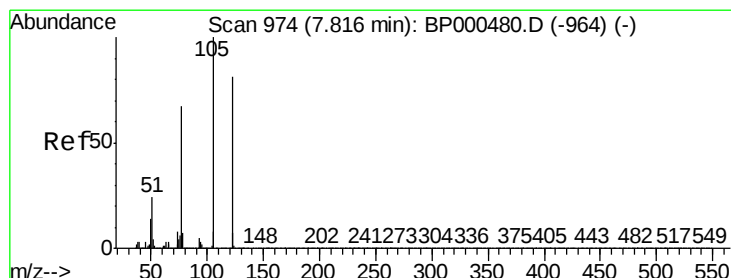
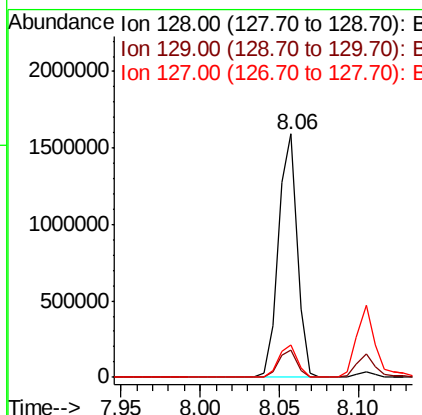
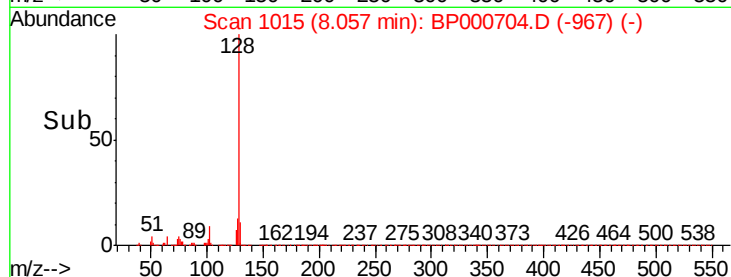
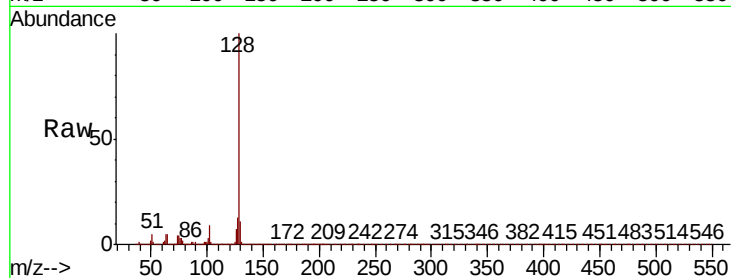




#31
Naphthalene
Concen: 40.713 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

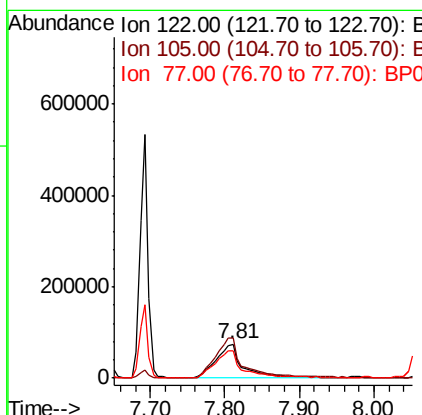
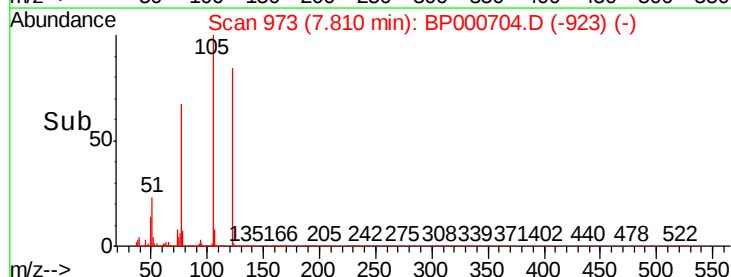
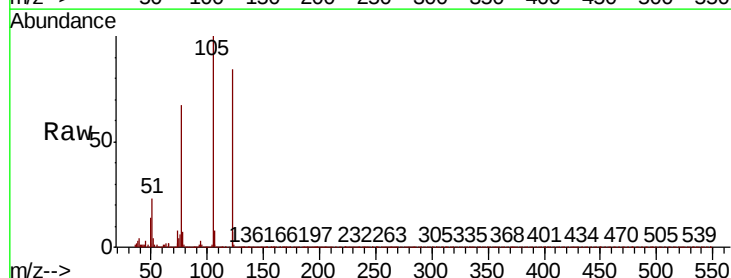
Instrument :
BNA_P
ClientSampleId :

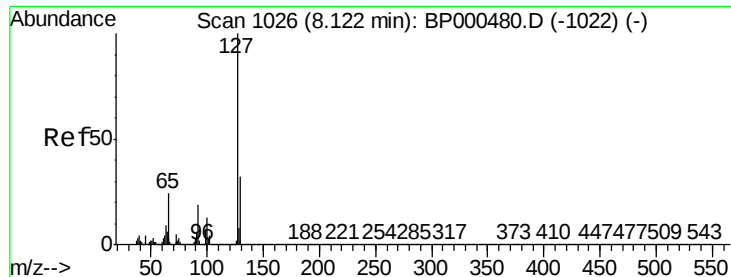
Tot Ion:128 Resp: 1309745
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 32.916 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Tgt Ion:122 Resp: 182244
Ion Ratio Lower Upper
122 100
105 119.6 101.4 141.4
77 80.2 62.1 102.1

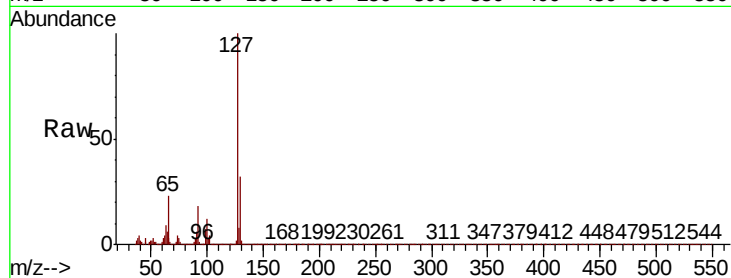




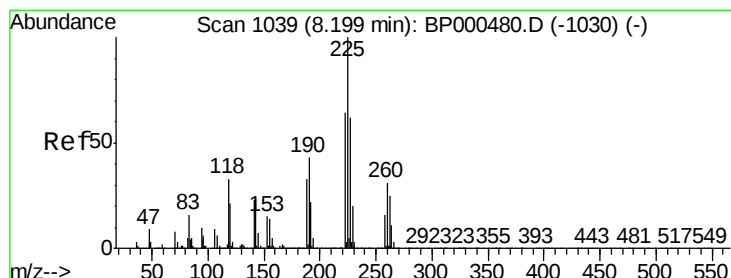
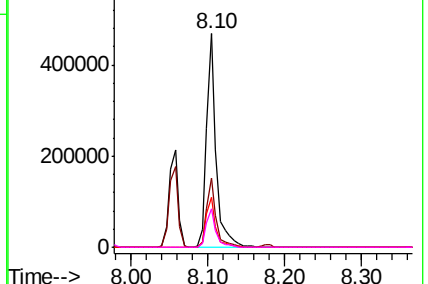
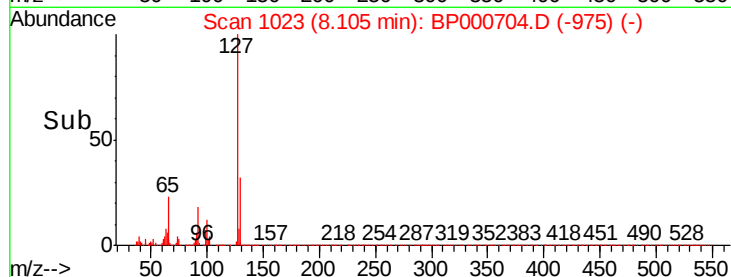
#33
4-Chloroaniline
Concen: 28.477 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	402245
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.6	38.4
65	23.2	19.2	28.8
92	18.1	14.9	22.3

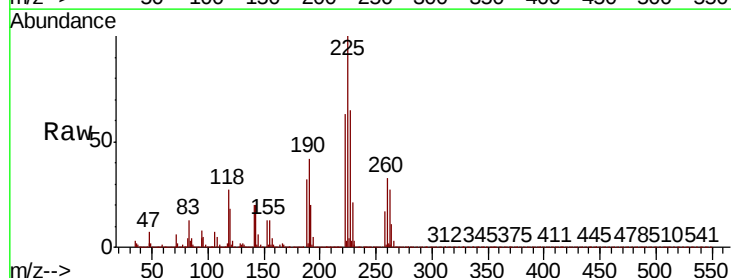


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

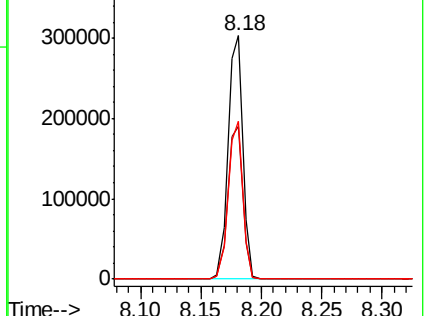
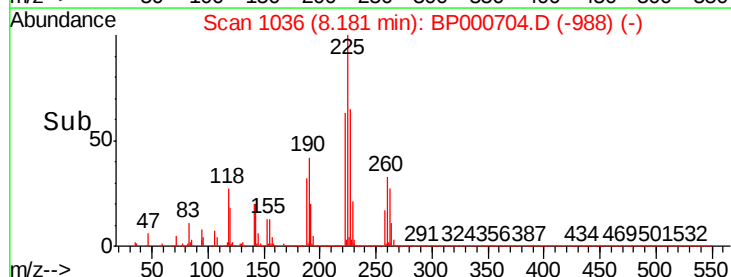


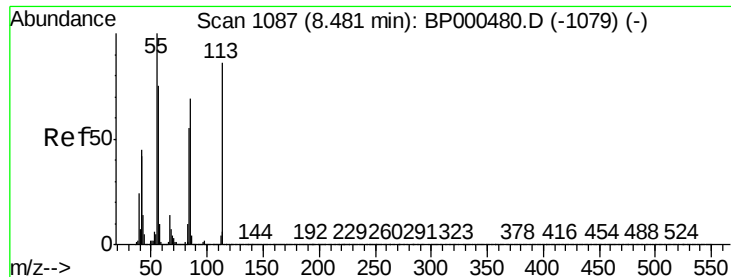
#34
Hexachlorobutadiene
Concen: 36.461 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Tgt Ion:	225	Resp:	256566
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.4	77.0
227	64.9	49.7	74.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

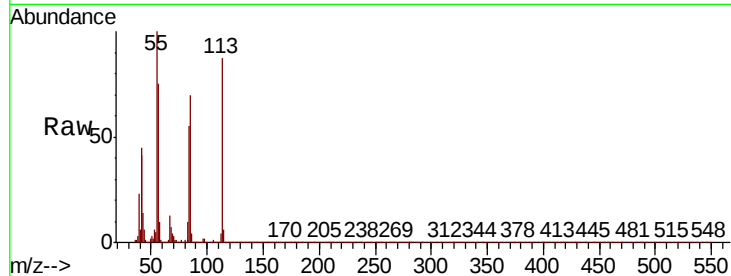




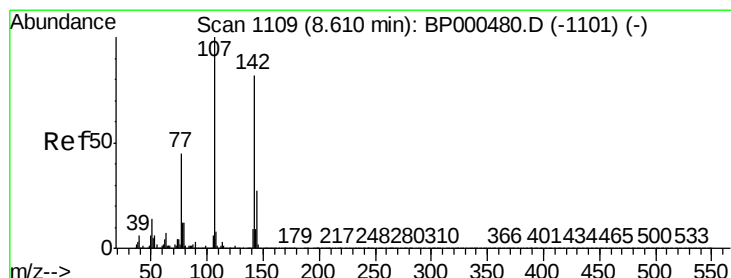
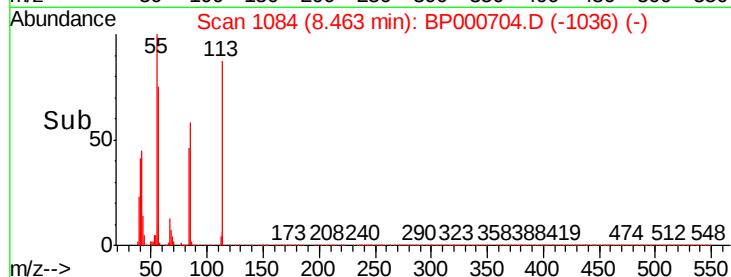
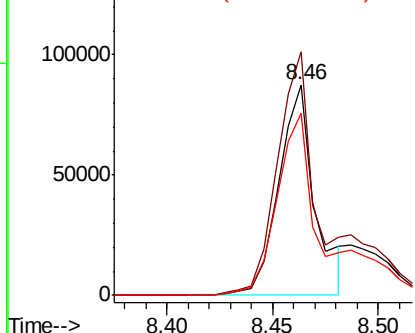
#35
Caprolactam
Concen: 31.174 ng
RT: 8.46 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Instrument :
BNA_P
ClientSampleId :

Tot Ion:113 Resp: 103520
Ion Ratio Lower Upper
113 100
55 115.5 95.9 135.9
56 86.7 67.2 107.2

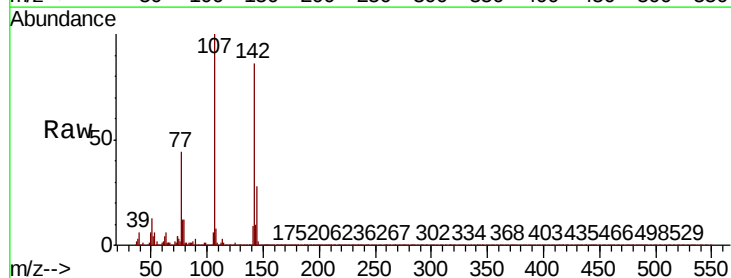


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BP0
Ion 56.00 (55.70 to 56.70): BP0

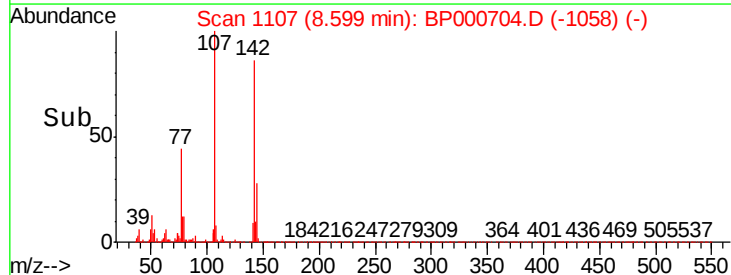
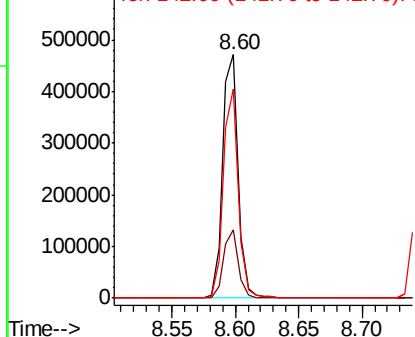


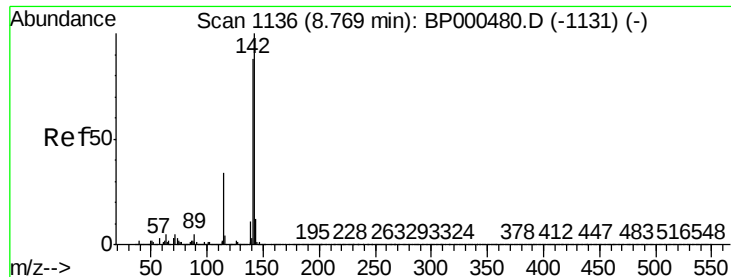
#36
4-Chloro-3-methylphenol
Concen: 41.735 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Tgt Ion:107 Resp: 405269
Ion Ratio Lower Upper
107 100
144 27.9 21.8 32.8
142 86.0 65.5 98.3



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

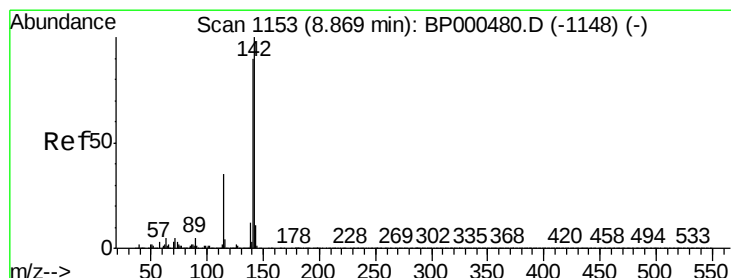
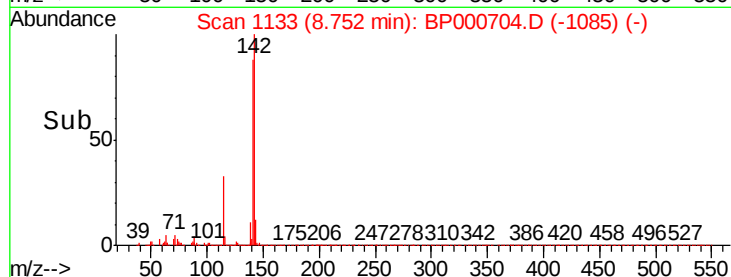
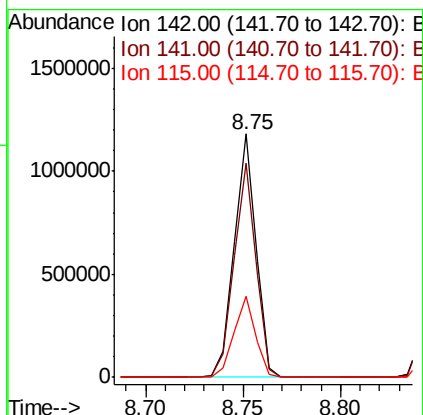
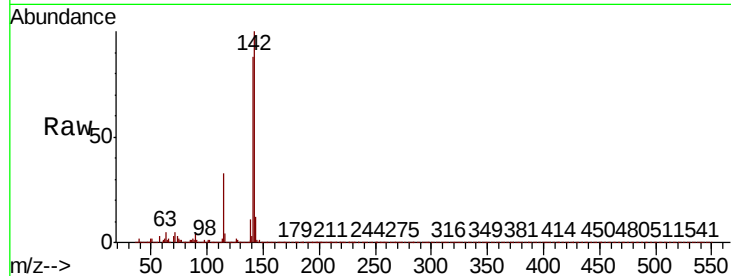




#37
2-Methylnaphthalene
Concen: 42.341 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

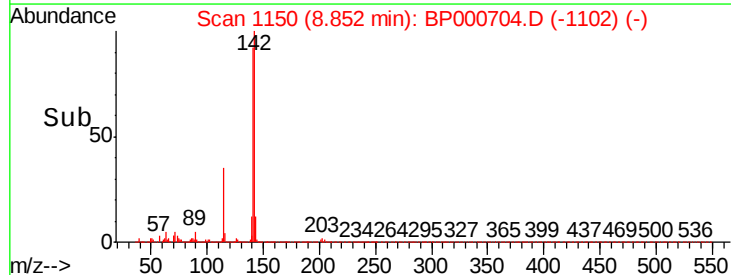
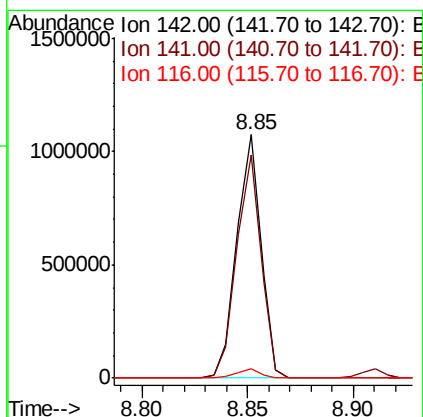
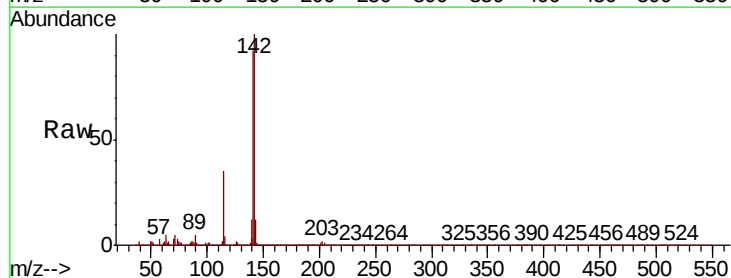
Instrument :
BNA_P
ClientSampleId :

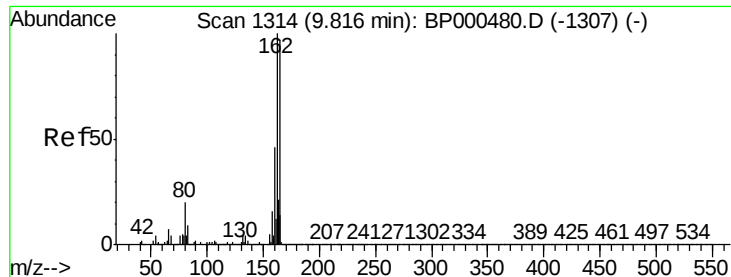
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.6	106.0
115	33.3	27.4	41.0



#38
1-Methylnaphthalene
Concen: 41.701 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.9	107.9
116	3.6	3.0	4.4

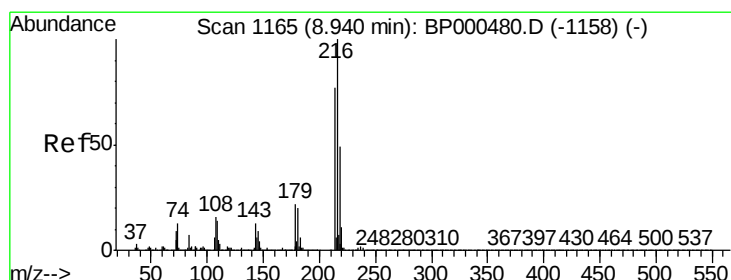
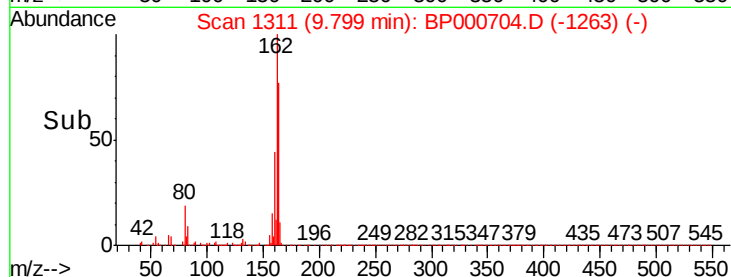
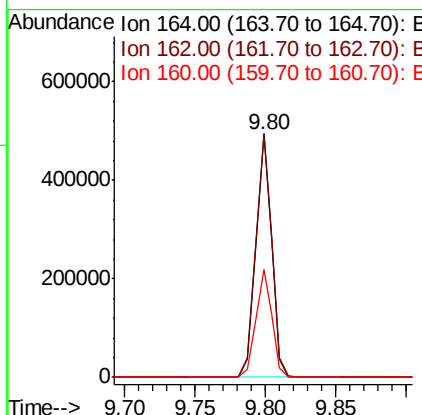
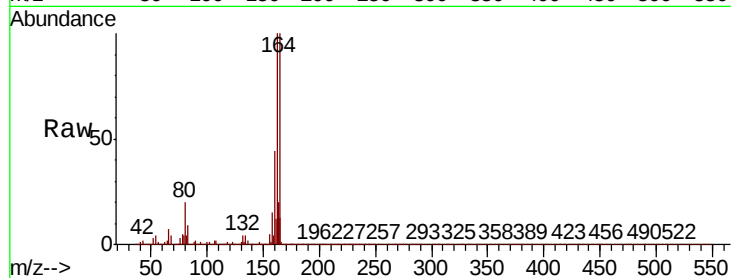




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

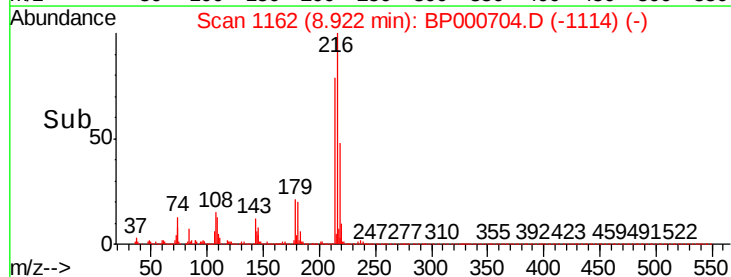
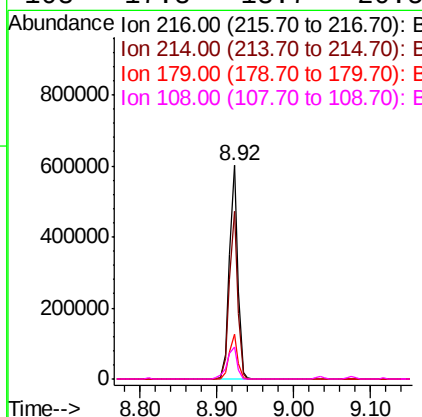
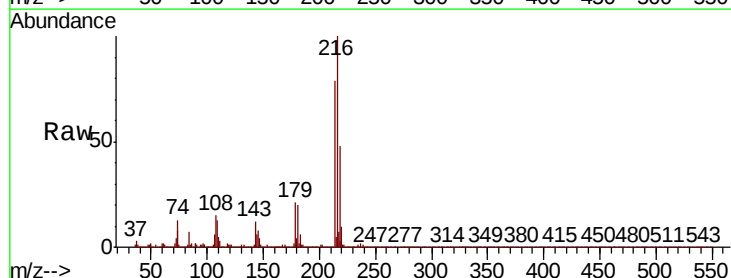
Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.1	82.2	123.2
160	44.3	37.6	56.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.079 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.7	94.1
179	20.7	16.7	25.1
108	17.8	13.7	20.5





#41

Hexachlorocyclopentadiene

Concen: 53.700 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

Instrument :

BNA_P

ClientSampled :

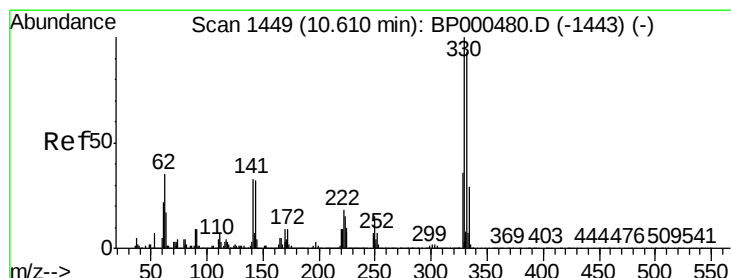
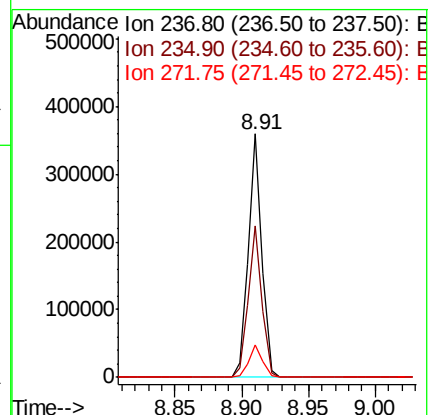
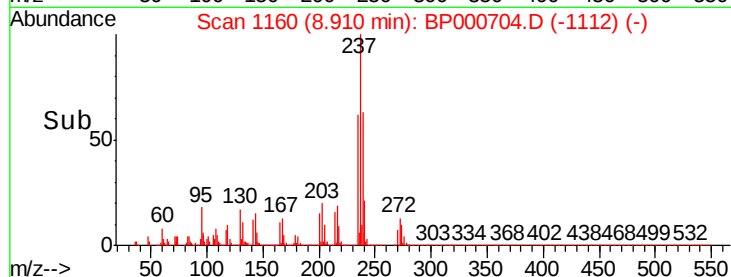
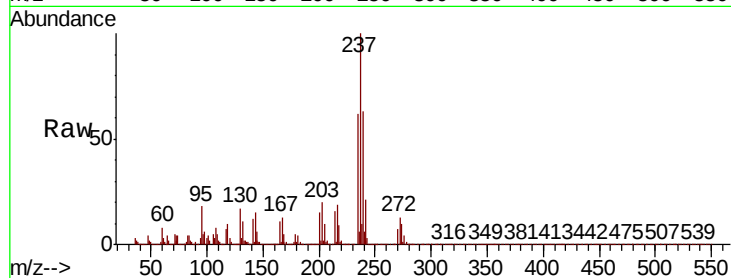
Tot Ion:237 Resp: 251262

Ion Ratio Lower Upper

237 100

235 62.3 42.9 82.9

272 13.1 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 106.751 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

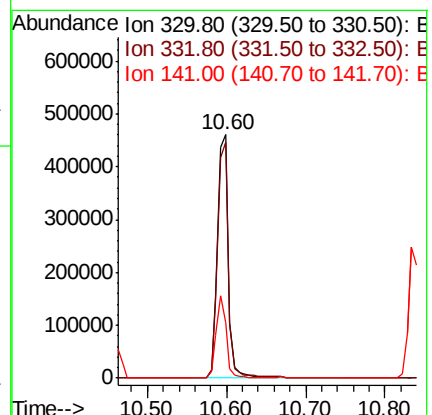
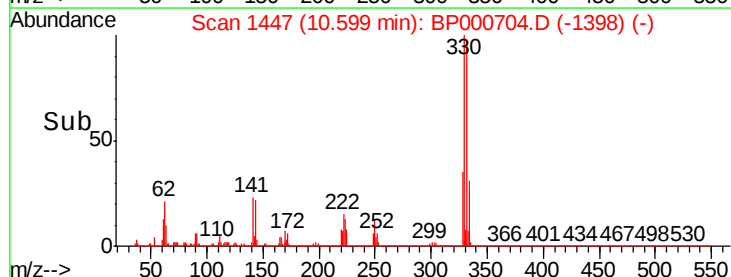
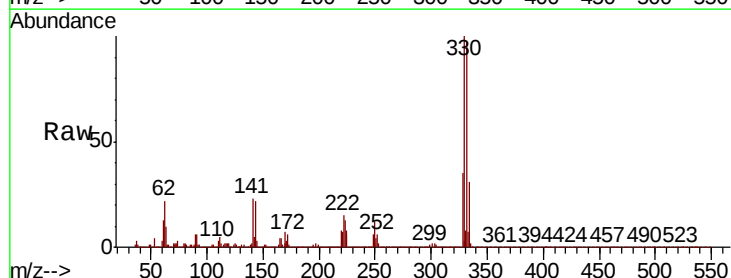
Tgt Ion:330 Resp: 441836

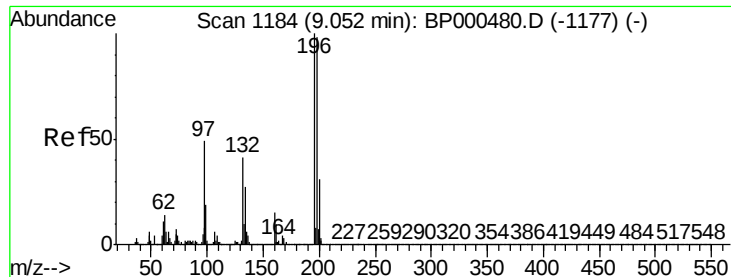
Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

141 31.0 26.0 39.0

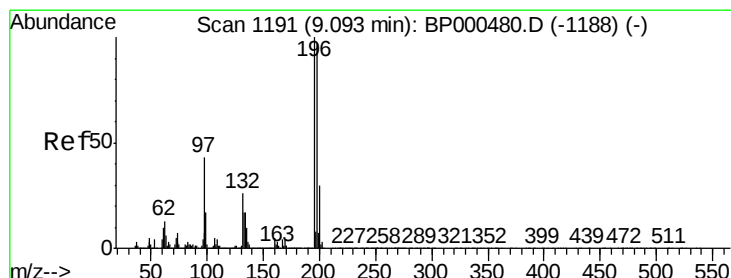
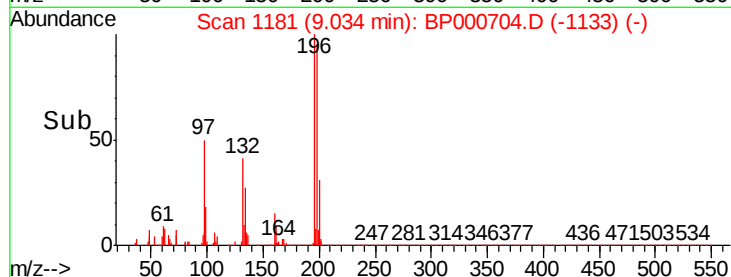
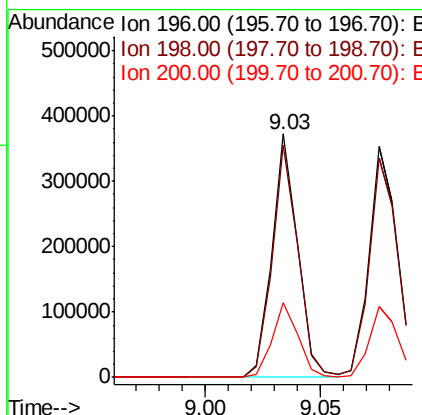
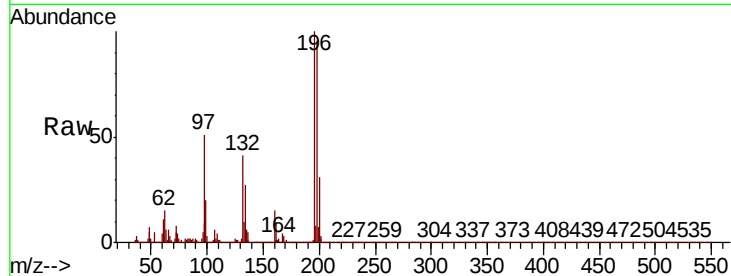




#43
 2,4,6-Trichlorophenol
 Concen: 37.884 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BP000704.D
 Acq: 14 Oct 2019 12:40

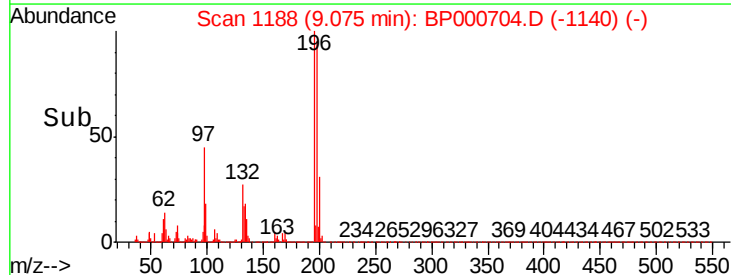
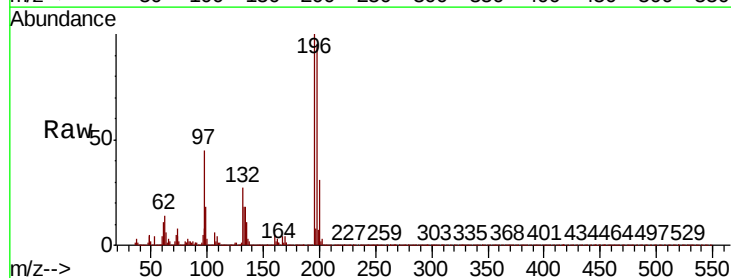
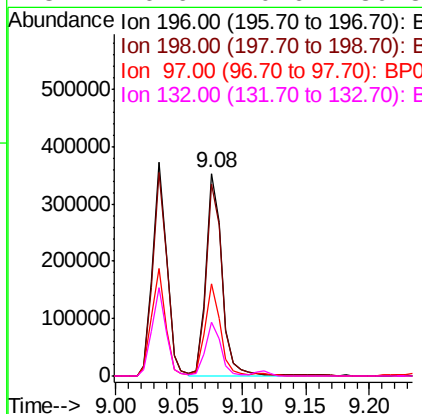
Instrument :
 BNA_P
 ClientSampled :

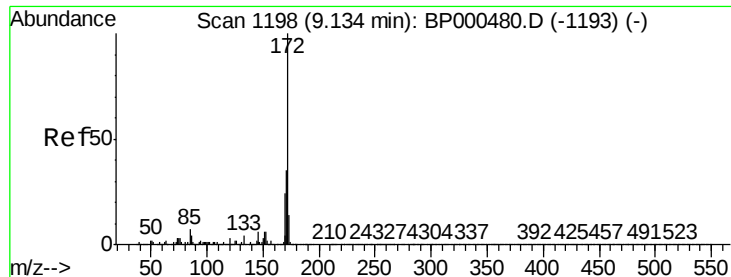
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	78.2	117.2
200	30.7	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.939 ng
 RT: 9.08 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BP000704.D
 Acq: 14 Oct 2019 12:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.4	116.0
97	45.4	34.6	51.8
132	26.6	20.6	30.8

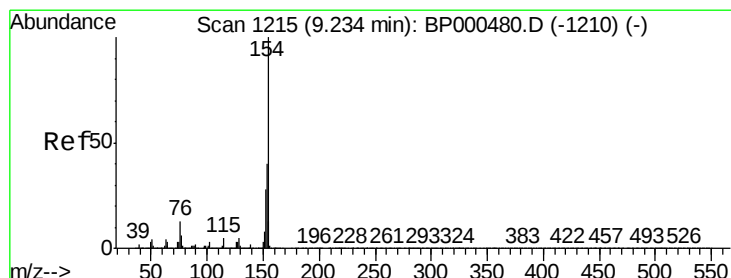
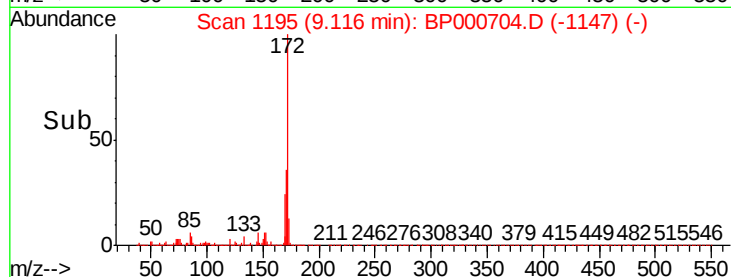
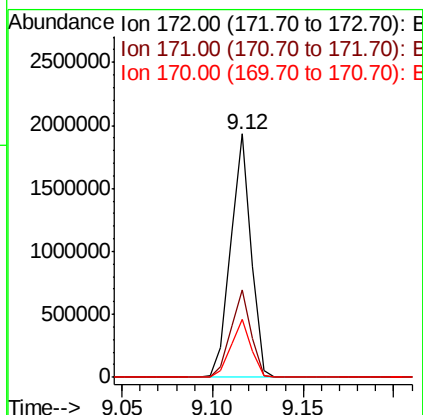
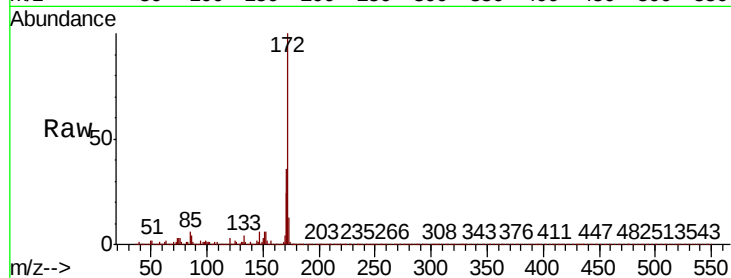




#45
2-Fluorobiphenyl
Concen: 63.042 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

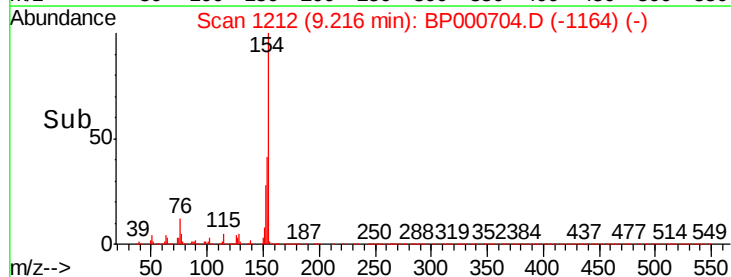
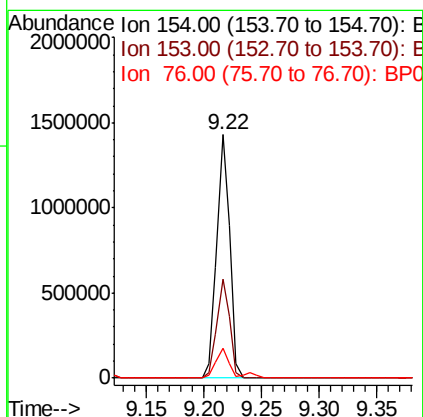
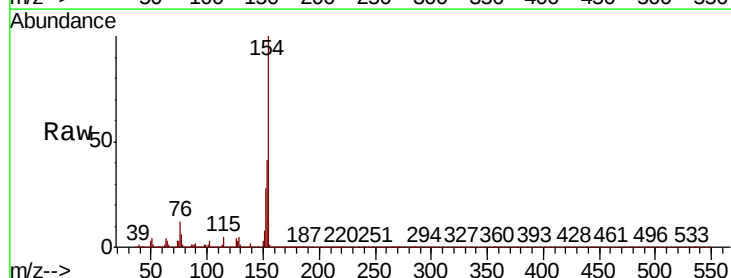
Instrument :
BNA_P
ClientSampled :

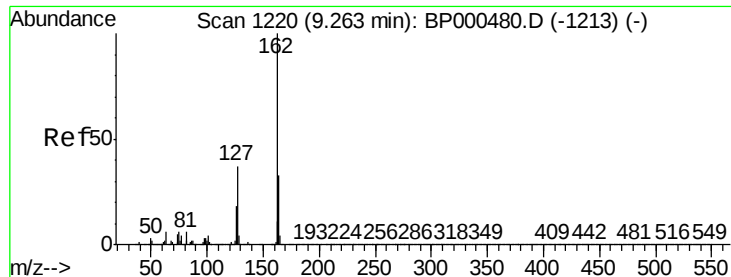
Tot Ion:172 Resp: 1513350
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 23.9 19.1 28.7



#46
1,1'-Biphenyl
Concen: 37.929 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Tgt Ion:154 Resp: 1111998
Ion Ratio Lower Upper
154 100
153 40.7 19.9 59.9
76 12.1 0.0 32.8

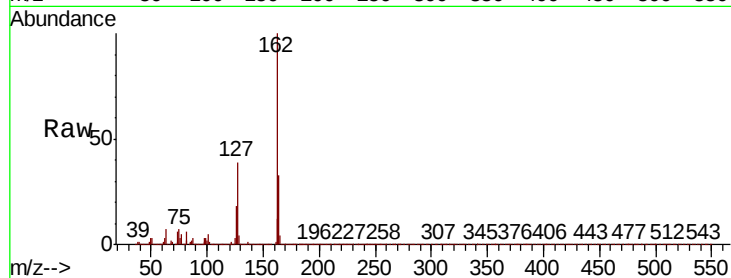




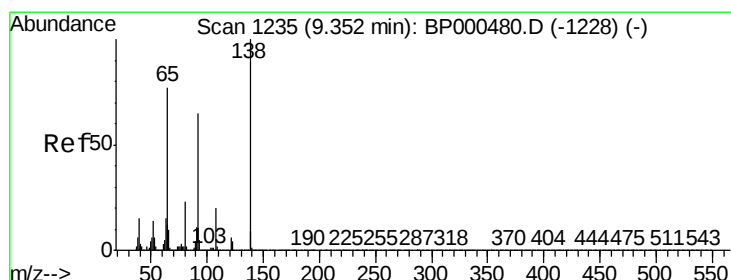
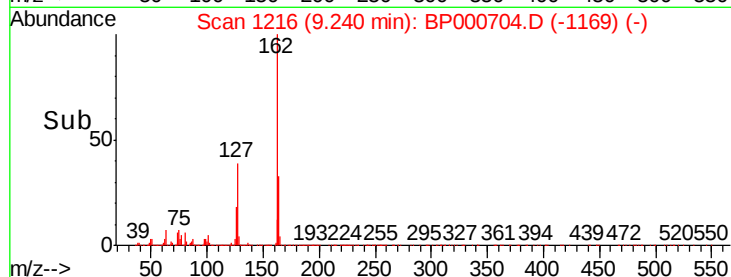
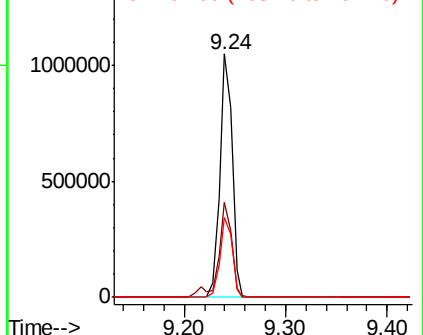
#47
2-Chloronaphthalene
Concen: 38.661 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	29.8	44.6
164	33.0	26.6	39.8

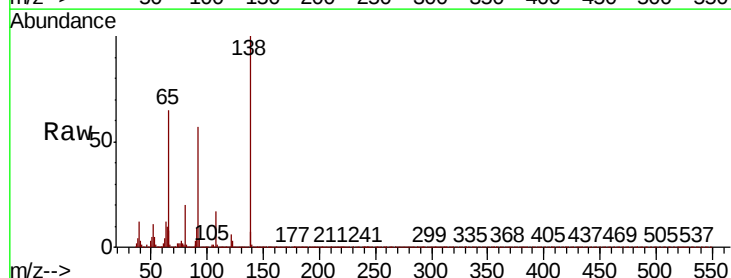


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

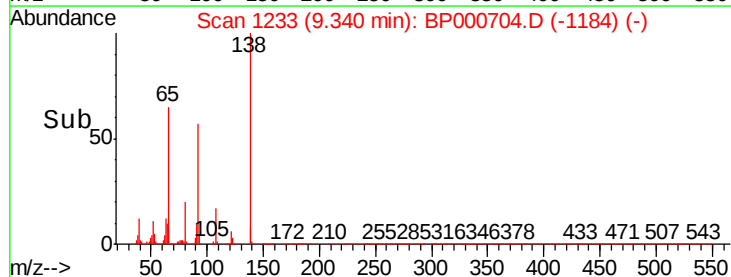
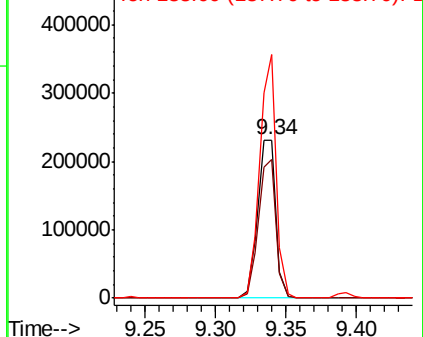


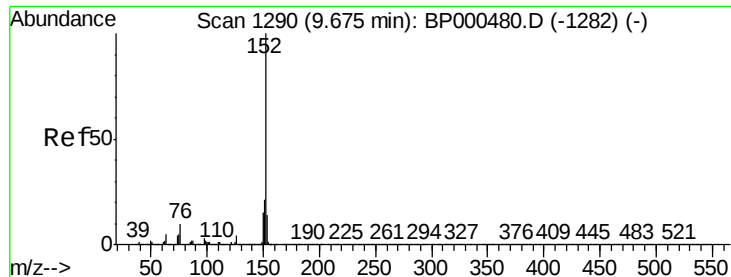
#48
2-Nitroaniline
Concen: 38.628 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	87.3	67.0	100.4
138	153.8	103.5	155.3



Abundance Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.237 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

Instrument :

BNA_P

ClientSampleId :

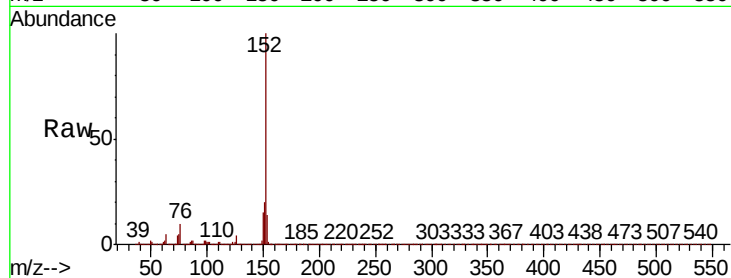
Tot Ion:152 Resp: 1376234

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.6	25.0
153	13.5	11.0	16.6

152 100

151 20.3 16.6 25.0

153 13.5 11.0 16.6

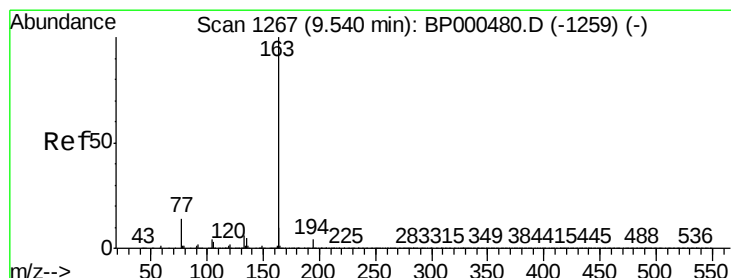
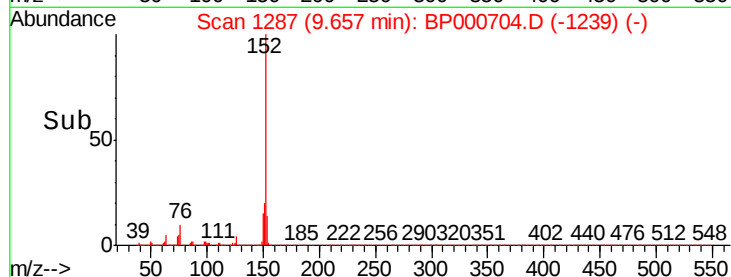
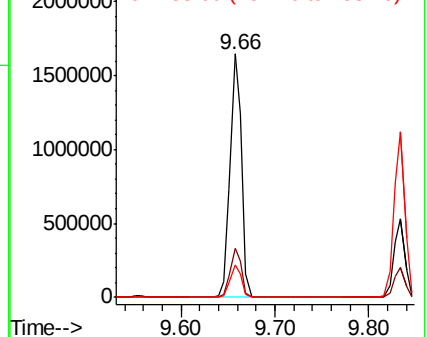


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.109 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

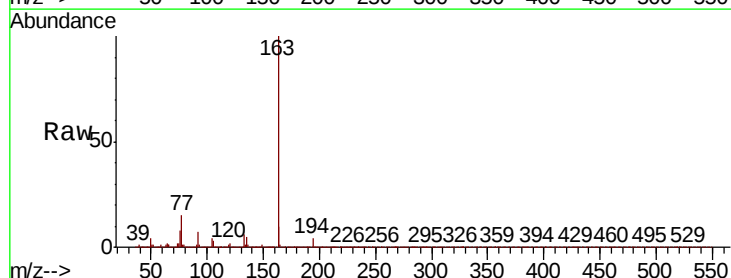
Tgt Ion:163 Resp: 1028516

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.8	8.0	12.0

163 100

194 4.5 3.4 5.2

164 9.8 8.0 12.0

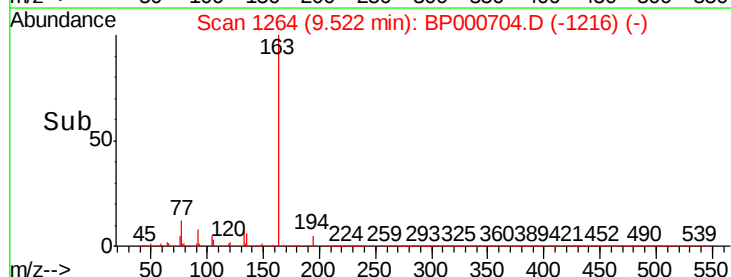
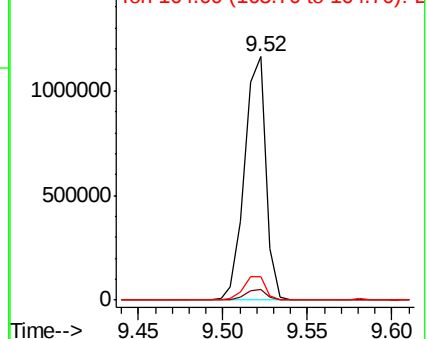


Abundance

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

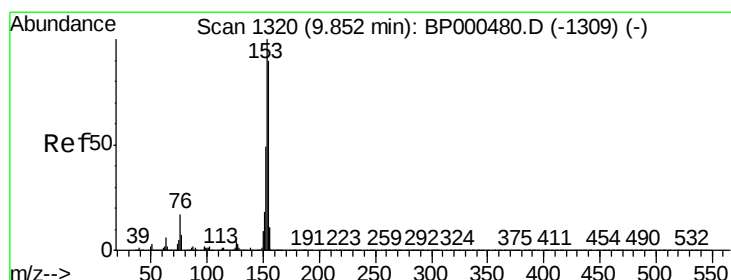
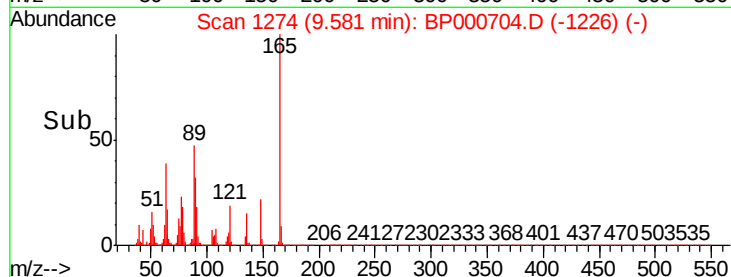
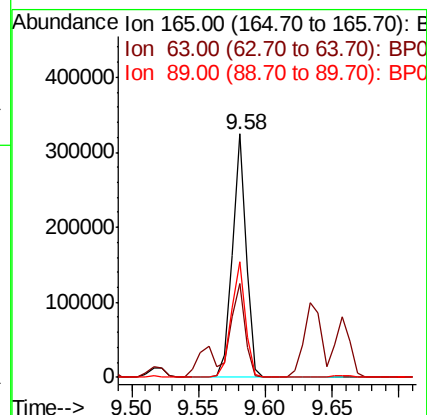
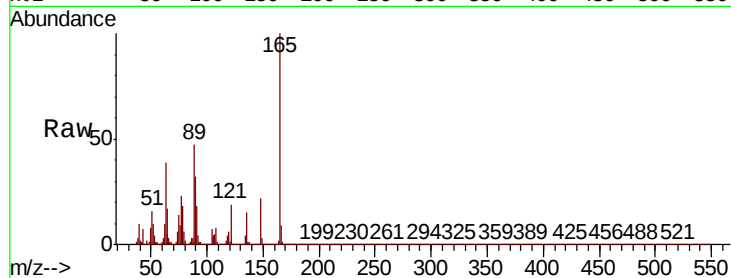




#51
 2,6-Dinitrotoluene
 Concen: 40.230 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.02 min
 Lab File: BP000704.D
 Acq: 14 Oct 2019 12:40

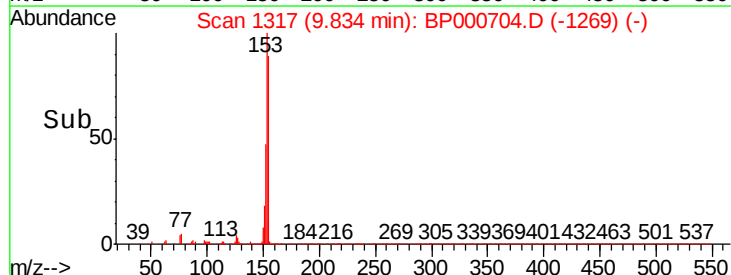
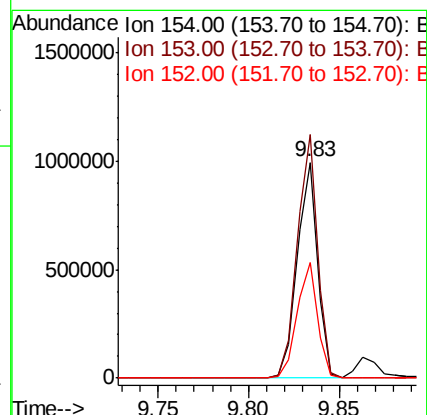
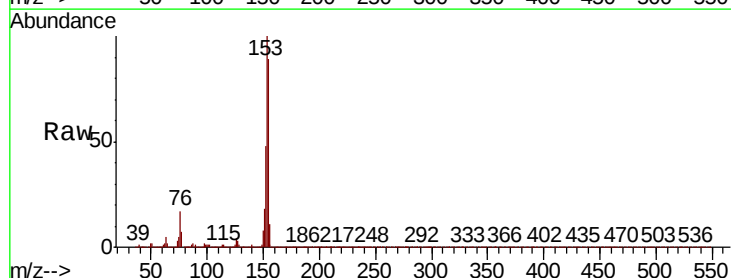
Instrument :
 BNA_P
 ClientSampleId :

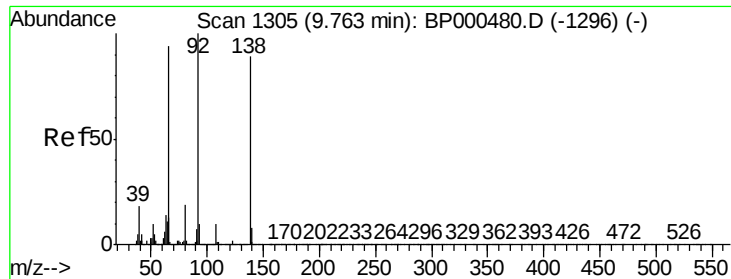
Tot Ion:165	Resp:	236768
Ion	Ratio	Lower Upper
165	100	
63	38.7	29.9 44.9
89	47.2	37.3 55.9



#52
 Acenaphthene
 Concen: 37.932 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BP000704.D
 Acq: 14 Oct 2019 12:40

Tgt Ion:154	Resp:	787001
Ion	Ratio	Lower Upper
154	100	
153	112.8	89.4 134.0
152	53.7	43.8 65.8

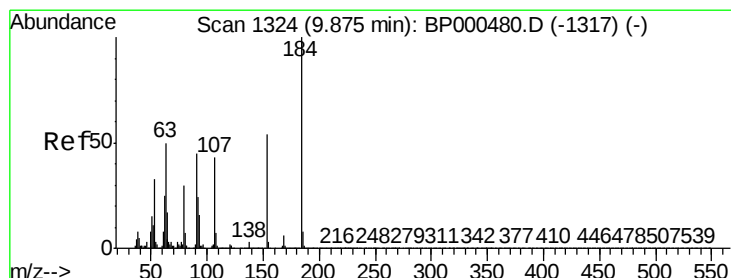
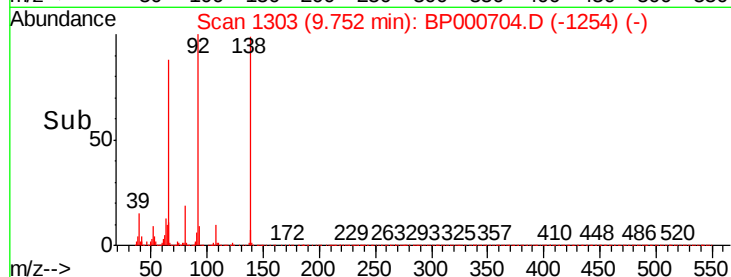
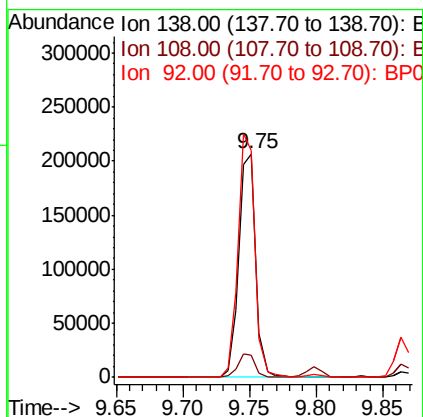
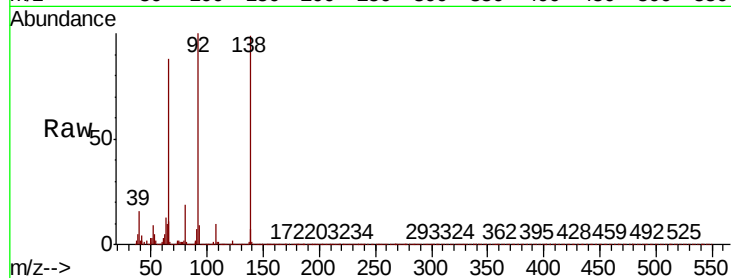




#53
3-Nitroaniline
Concen: 27.395 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

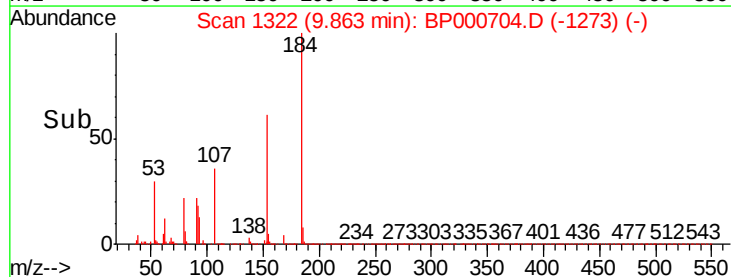
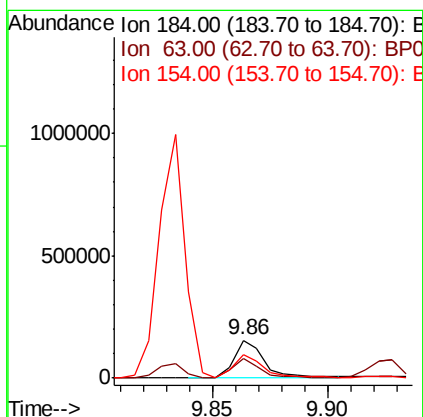
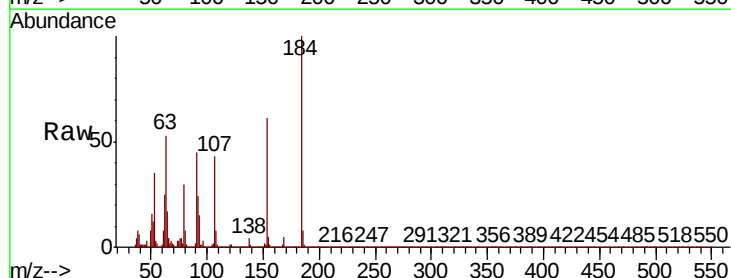
Instrument :
BNA_P
ClientSampleId :

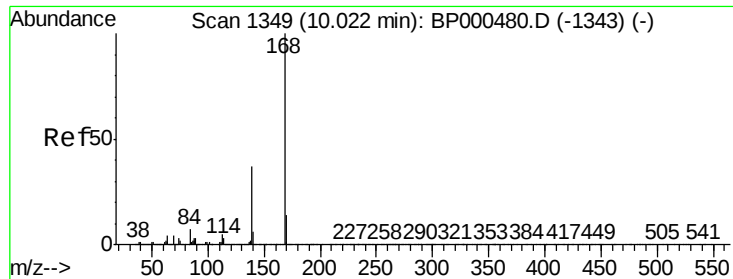
Tot Ion:138 Resp: 184744
Ion Ratio Lower Upper
138 100
108 10.1 8.8 13.2
92 101.5 90.4 135.6



#54
2,4-Dinitrophenol
Concen: 73.375 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Tgt Ion:184 Resp: 144100
Ion Ratio Lower Upper
184 100
63 53.0 41.0 61.4
154 61.1 49.8 74.8





#55

Dibenzofuran

Concen: 40.168 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

Instrument :

BNA_P

ClientSampleId :

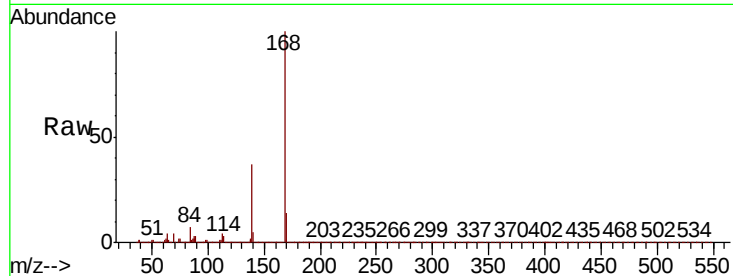
Tot Ion:168 Resp: 1245798

Ion Ratio Lower Upper

168 100

139 36.7 29.5 44.3

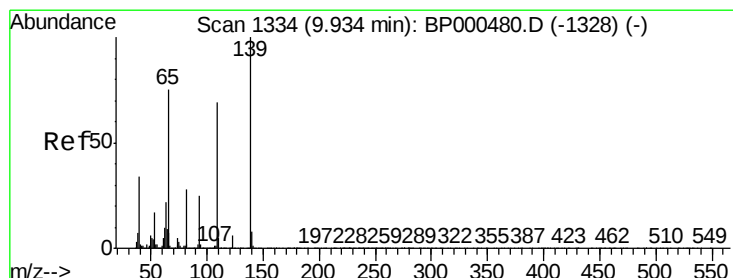
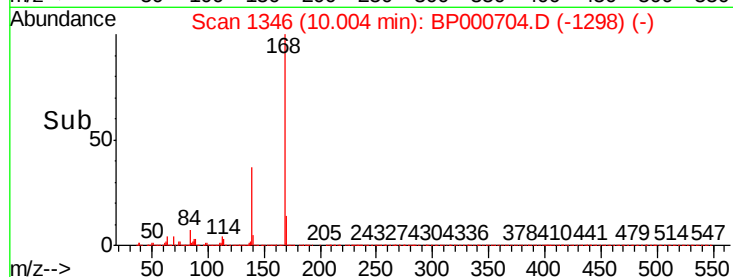
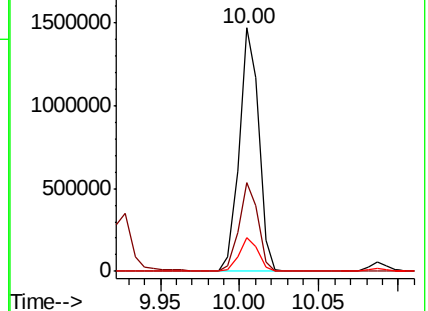
169 13.8 11.1 16.7



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: 75.254 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

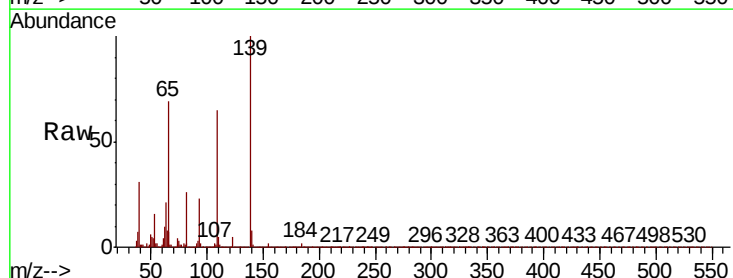
Tgt Ion:139 Resp: 324001

Ion Ratio Lower Upper

139 100

109 64.9 48.6 88.6

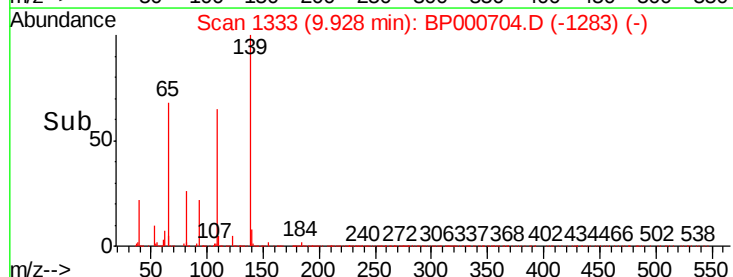
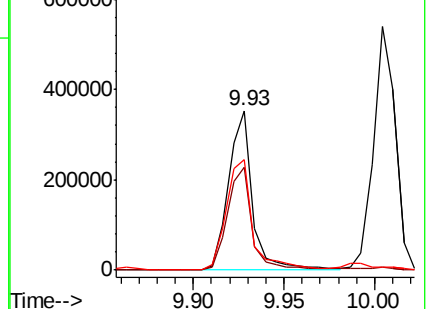
65 69.3 55.3 95.3

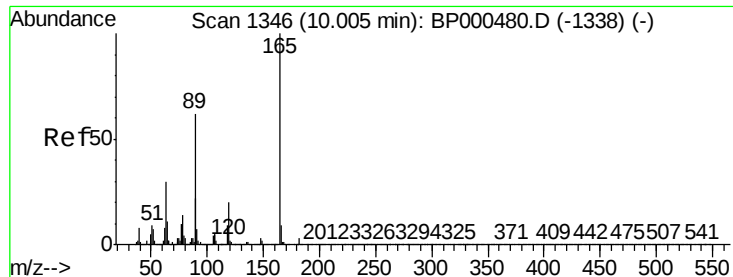


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

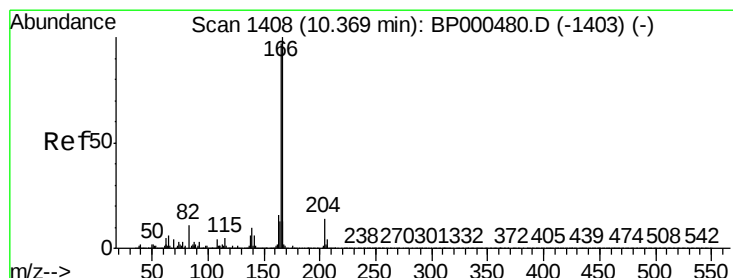
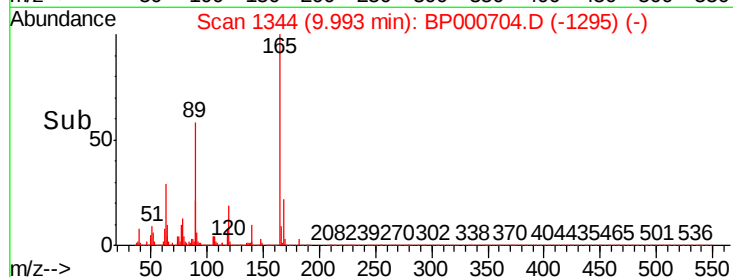
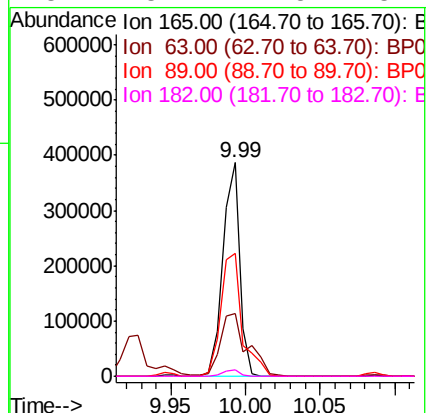
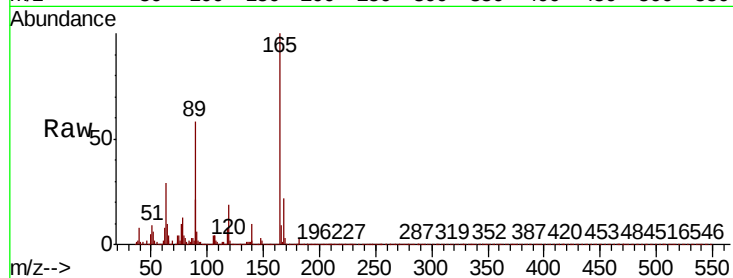




#57
2,4-Dinitrotoluene
Concen: 39.622 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

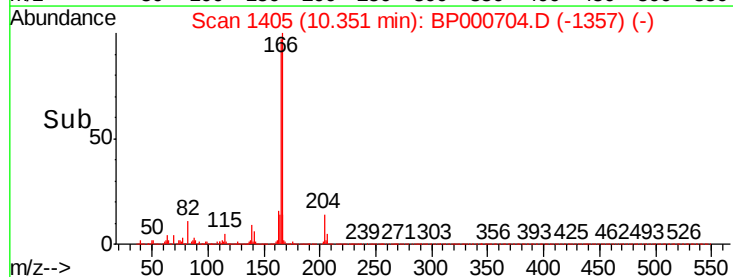
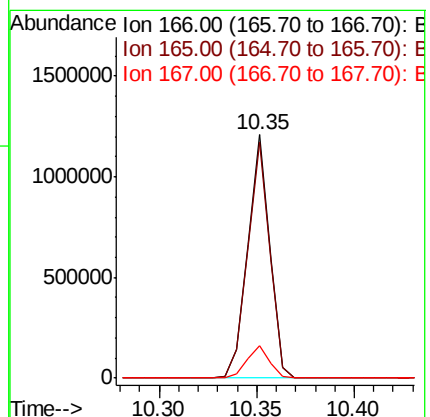
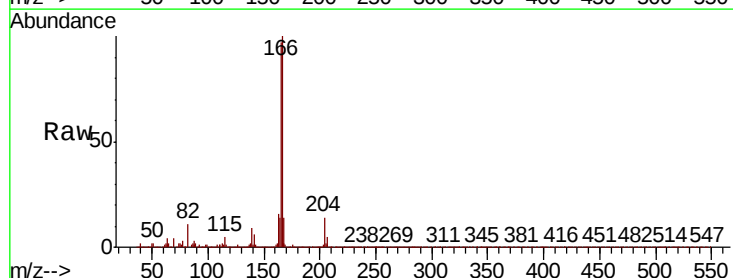
Instrument :
BNA_P
ClientSampled :

Tot Ion:165	Resp:	309190
Ion Ratio	Lower	Upper
165	100	
63	29.1	24.2 36.4
89	57.6	49.4 74.0
182	3.1	2.5 3.7



#58
Fluorene
Concen: 42.605 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Tgt Ion:166	Resp:	941752
Ion Ratio	Lower	Upper
166	100	
165	97.1	77.3 115.9
167	13.6	10.6 16.0

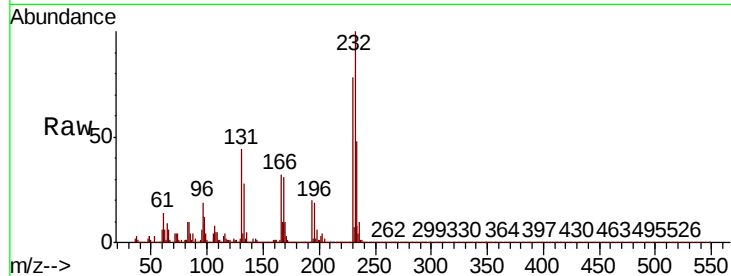




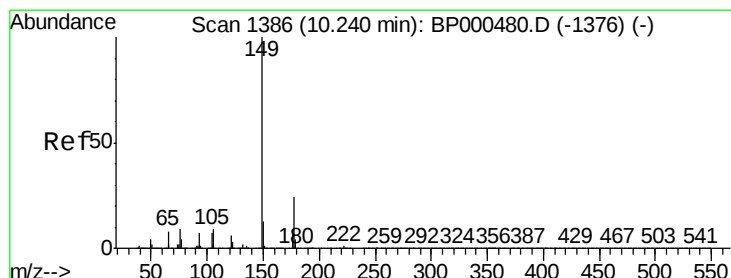
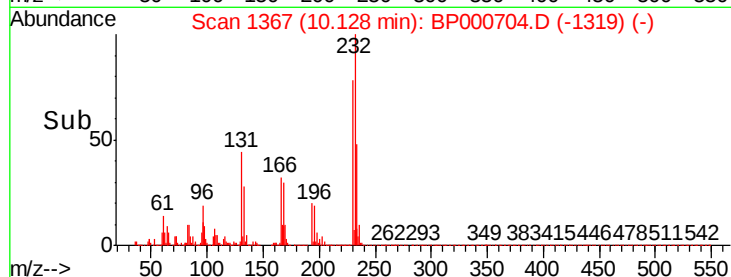
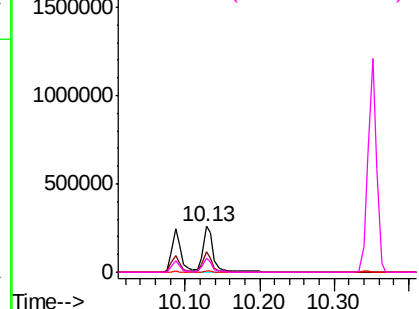
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.409 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. -0.02 min
 Lab File: BP000704.D
 Acq: 14 Oct 2019 12:40

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:	232	Resp:	260299
Ion	Ratio	Lower	Upper
232	100		
131	40.1	32.1	48.1
130	1.9	1.6	2.4
166	28.4	23.0	34.4

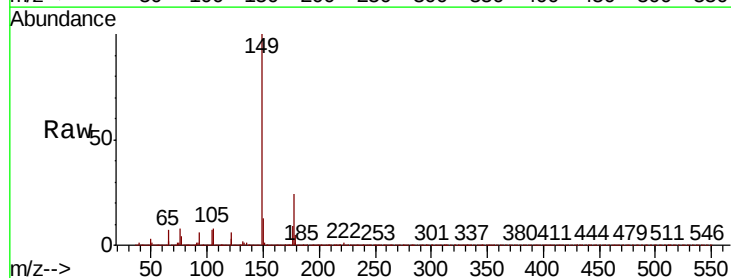


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

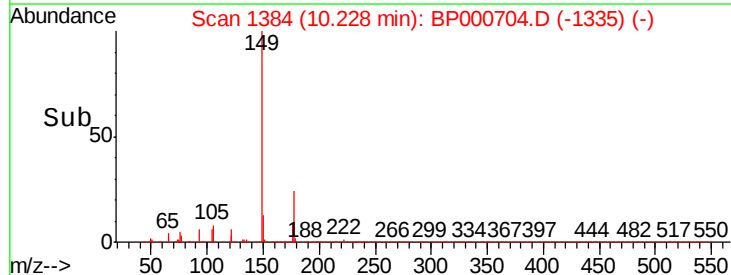
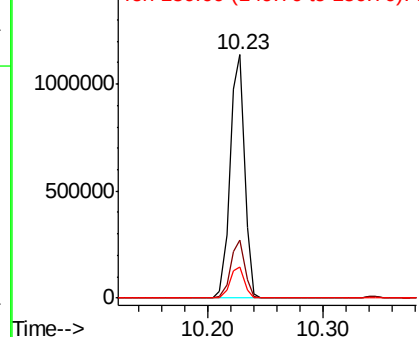


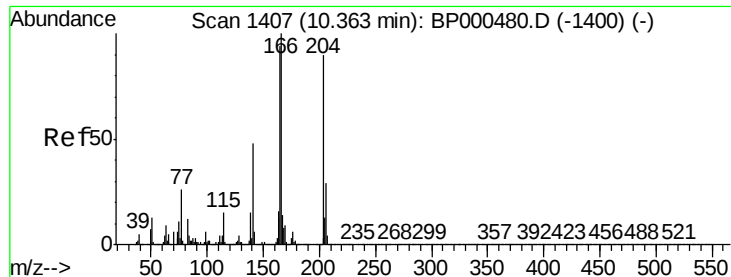
#60
 Diethylphthalate
 Concen: 38.602 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BP000704.D
 Acq: 14 Oct 2019 12:40

Tgt Ion:	149	Resp:	988964
Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.0	28.6
150	12.5	10.8	16.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 41.169 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.02 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

Instrument :

BNA_P

ClientSampleId :

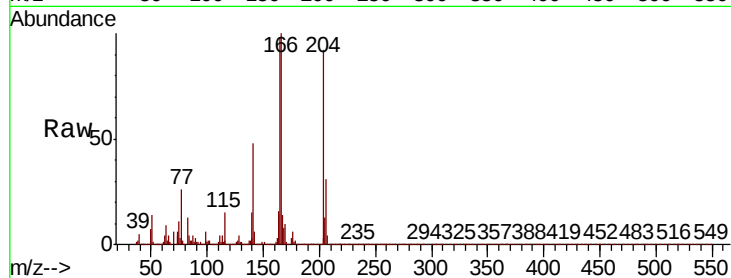
Tot Ion:204 Resp: 489351

Ion Ratio Lower Upper

204 100

206 33.4 25.8 38.8

141 52.4 42.8 64.2

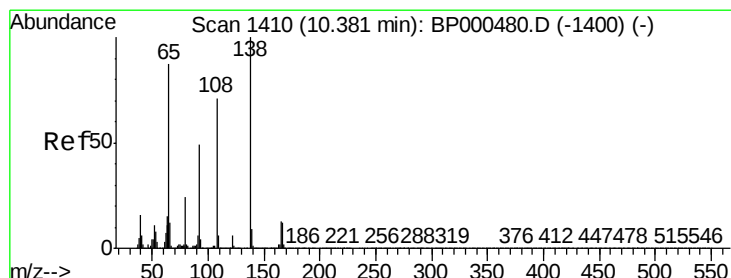
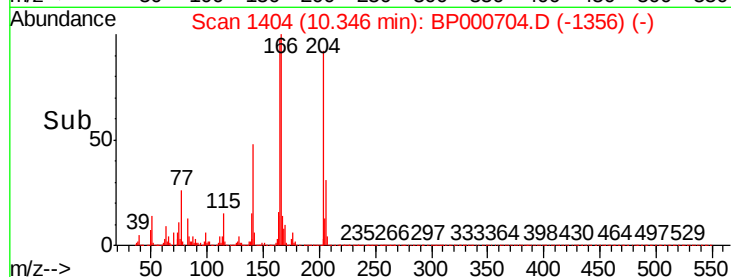
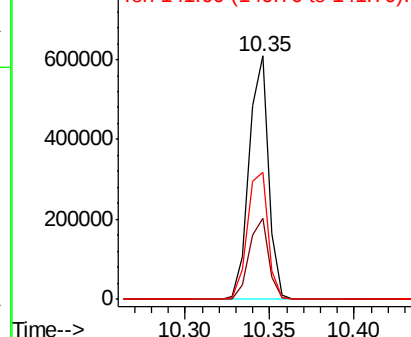


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 38.206 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

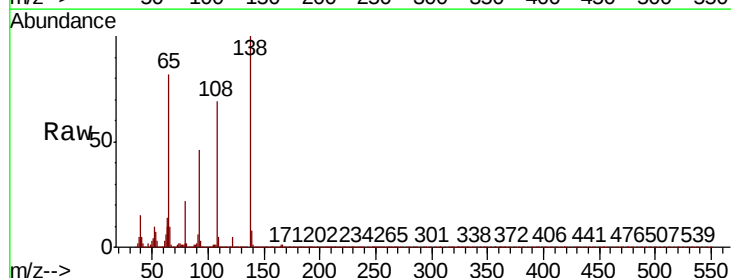
Tgt Ion:138 Resp: 247795

Ion Ratio Lower Upper

138 100

92 46.4 28.7 68.7

108 69.3 50.6 90.6

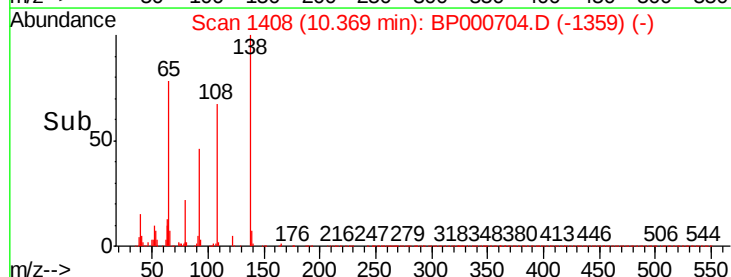
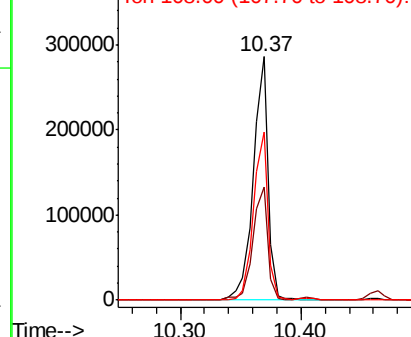


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E

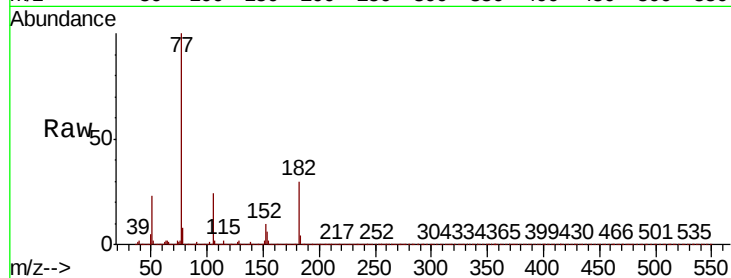




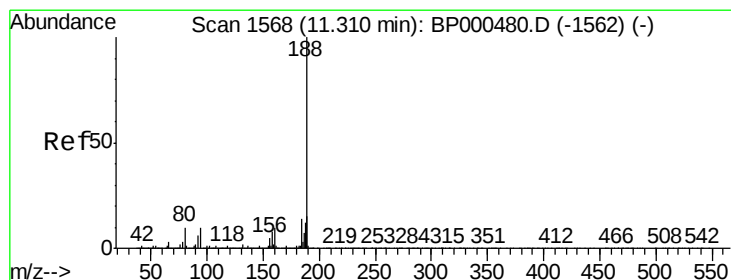
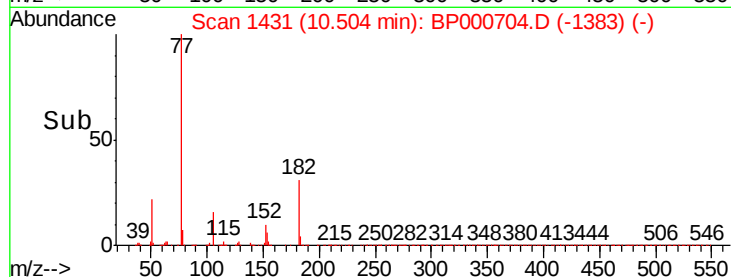
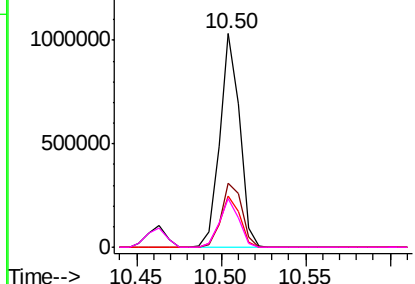
#63
Azobenzene
Concen: 42.717 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Instrument :
BNA_P
ClientSampled :

Tot Ion:	77	Resp:	840228
Ion	Ratio	Lower	Upper
77	100		
182	29.8	9.0	49.0
105	23.9	3.8	43.8
51	22.7	1.9	41.9

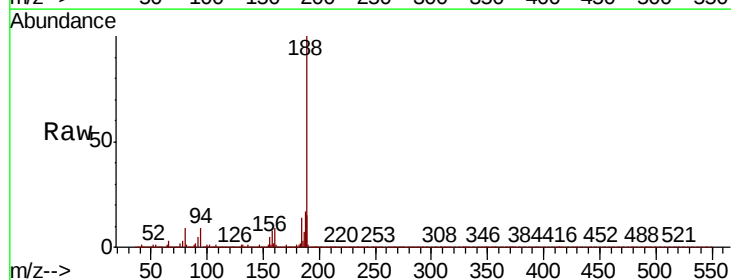


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

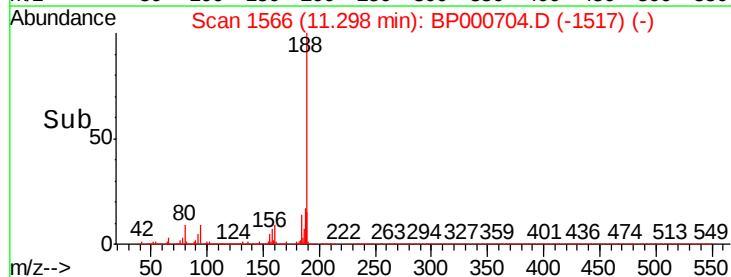
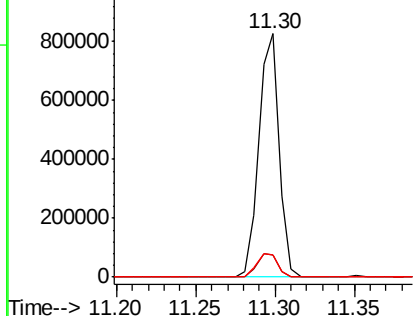


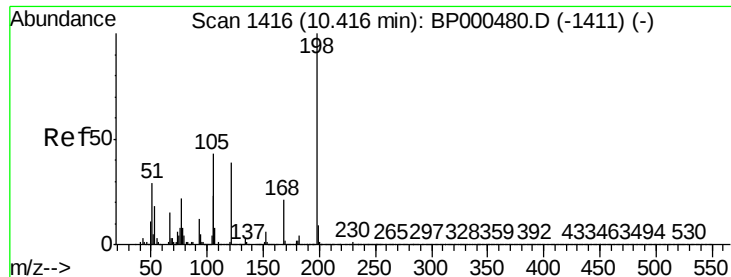
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Tgt Ion:	188	Resp:	735052
Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	9.4	8.3	12.5



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

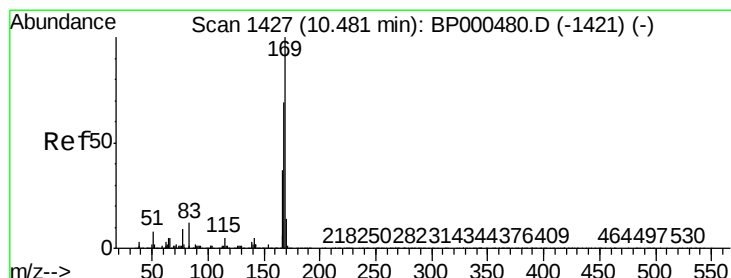
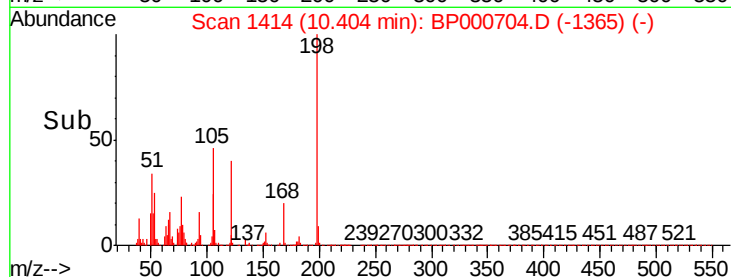
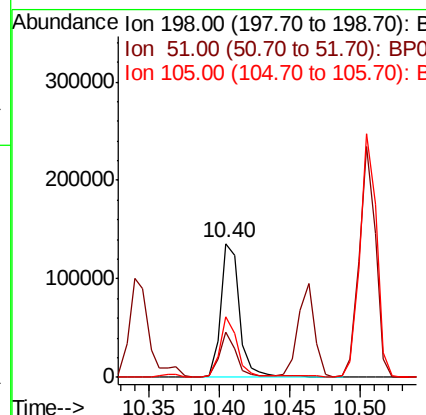
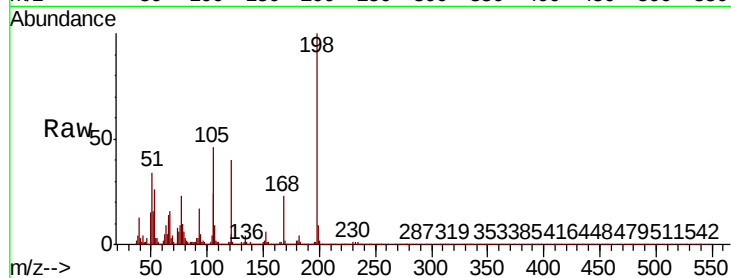




#65
4,6-Dinitro-2-methylphenol
Concen: 38.949 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

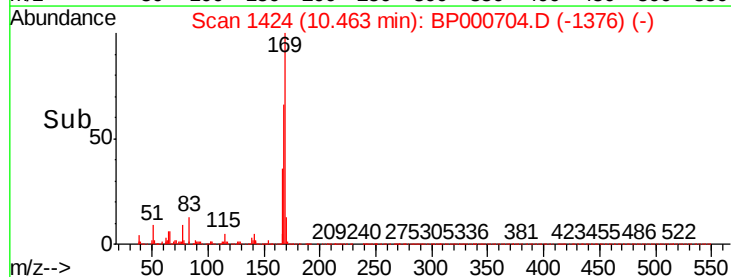
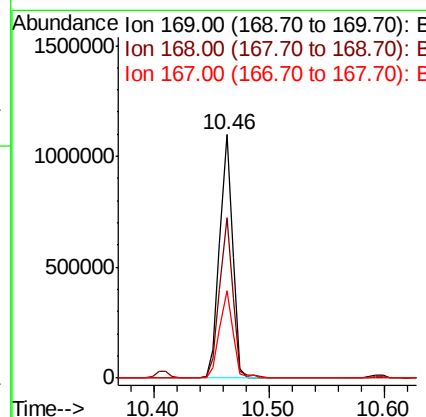
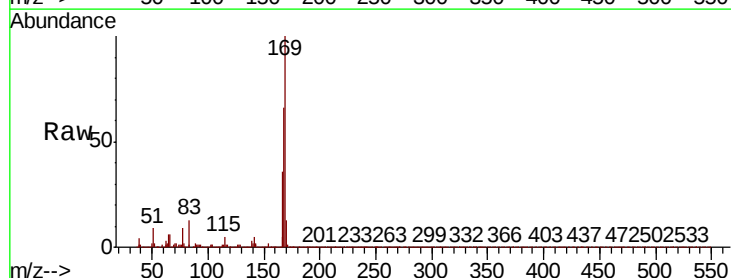
Instrument :
BNA_P
ClientSampleId :

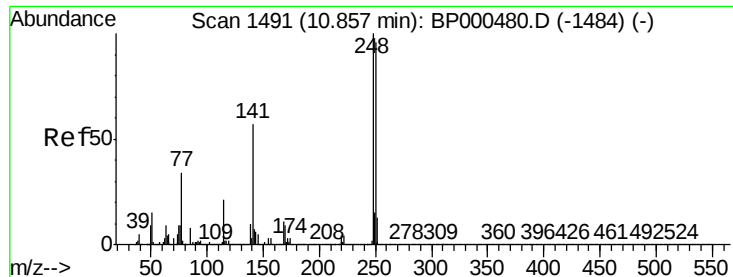
Tot Ion	198	Resp	126912
Ion Ratio	100	Lower	Upper
51	33.7	12.8	52.8
105	45.7	24.0	64.0



#66
n-Nitrosodiphenylamine
Concen: 40.366 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Tgt Ion	169	Resp	864178
Ion Ratio	100	Lower	Upper
168	66.1	55.4	83.2
167	35.9	29.4	44.2

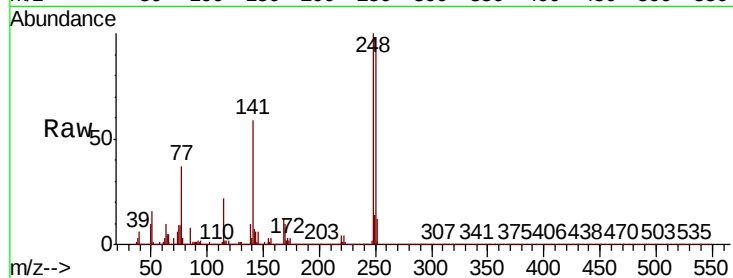




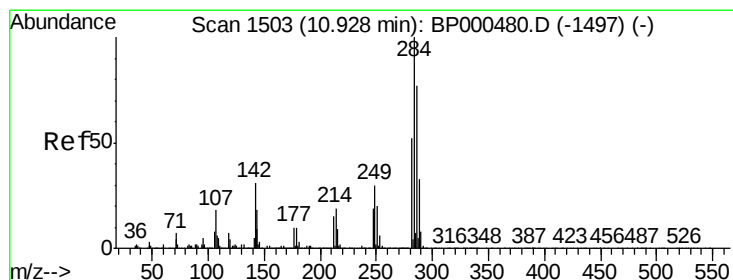
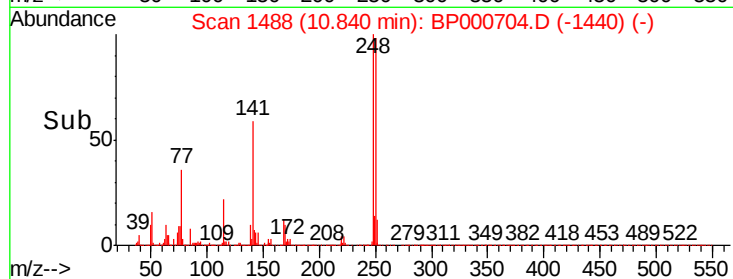
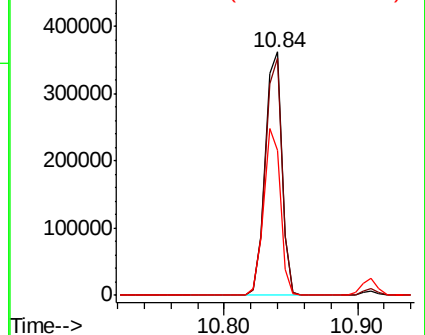
#67
4-Bromophenyl-phenylether
Concen: 37.681 ng
RT: 10.84 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Instrument :
BNA_P
ClientSampled :

Tot Ion:248 Resp: 311781
Ion Ratio Lower Upper
248 100
250 97.6 77.2 115.8
141 59.4 45.3 67.9

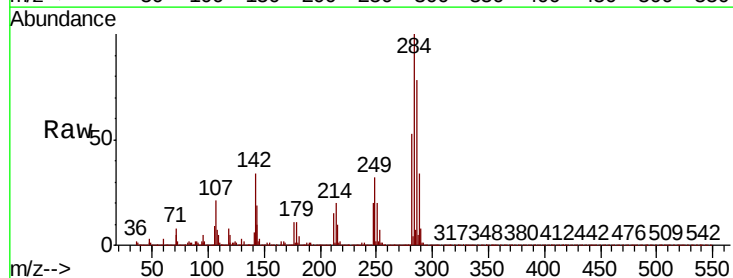


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

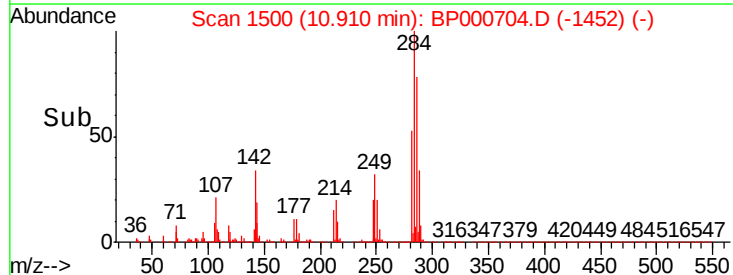
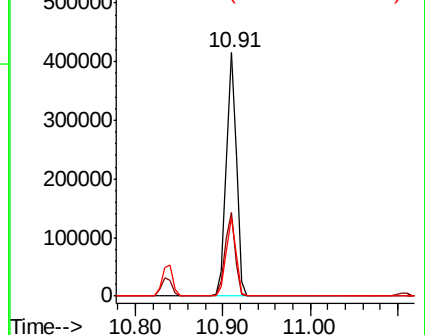


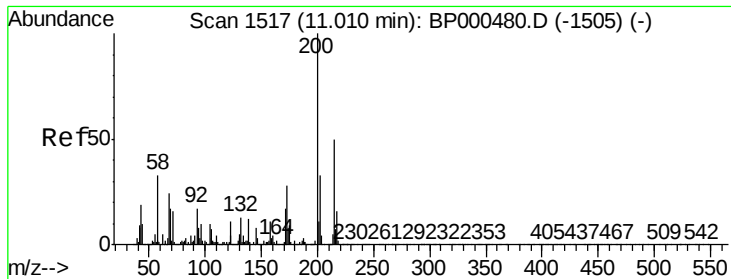
#68
Hexachlorobenzene
Concen: 35.991 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.02 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Tgt Ion:284 Resp: 338412
Ion Ratio Lower Upper
284 100
142 34.2 24.6 37.0
249 32.3 24.1 36.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.979 ng

RT: 11.00 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

Instrument :

BNA_P

ClientSampled :

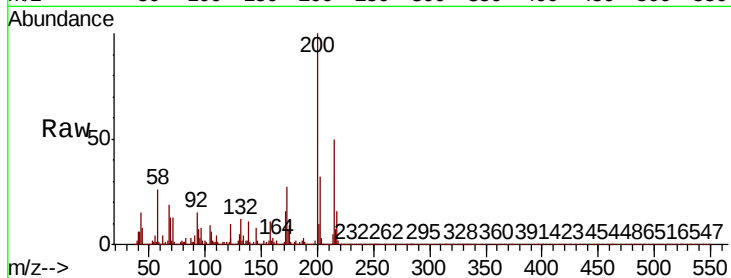
Tot Ion:200 Resp: 308975

Ion Ratio Lower Upper

200 100

173 26.6 7.6 47.6

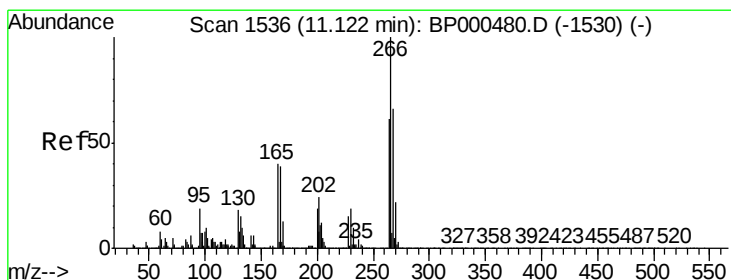
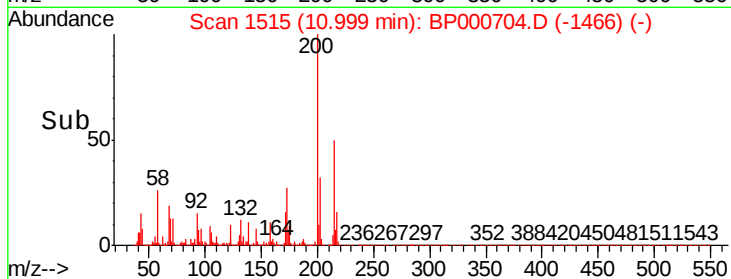
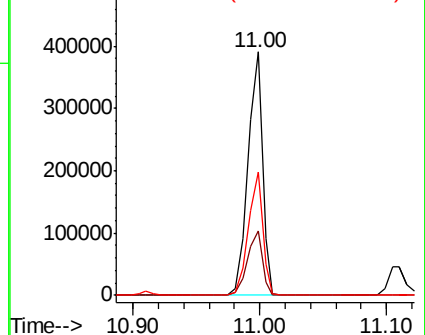
215 50.5 29.5 69.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 74.368 ng

RT: 11.11 min Scan# 1534

Delta R.T. -0.01 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

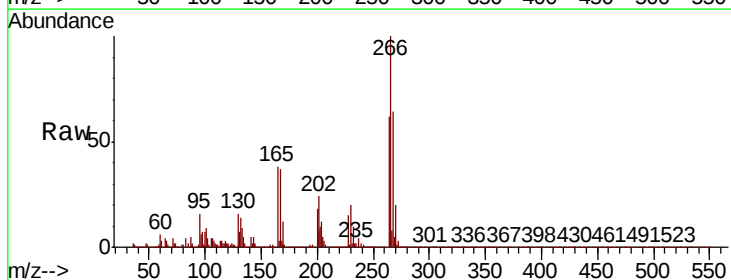
Tgt Ion:266 Resp: 280854

Ion Ratio Lower Upper

266 100

268 64.4 53.2 79.8

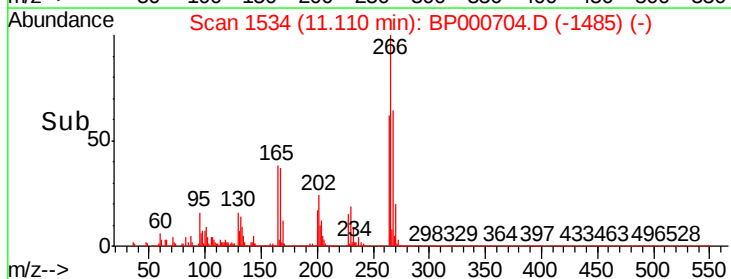
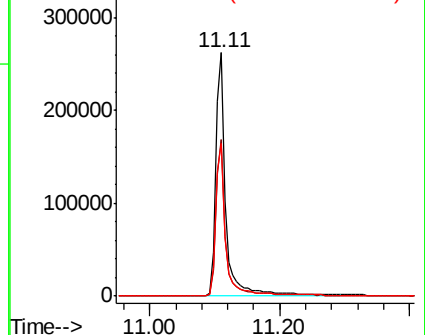
264 62.5 49.0 73.4

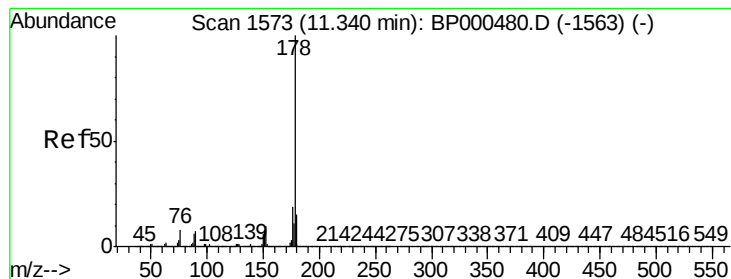


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.051 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

Instrument :

BNA_P

ClientSampleId :

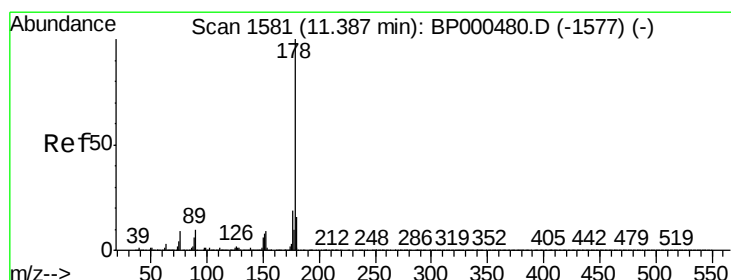
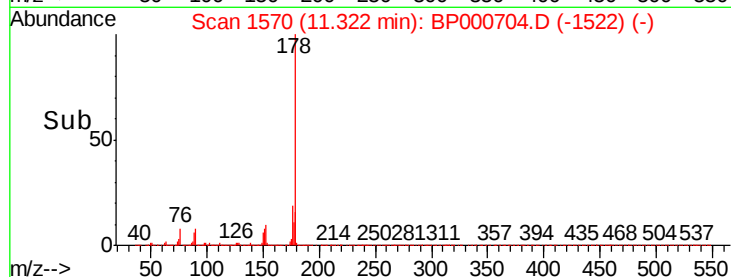
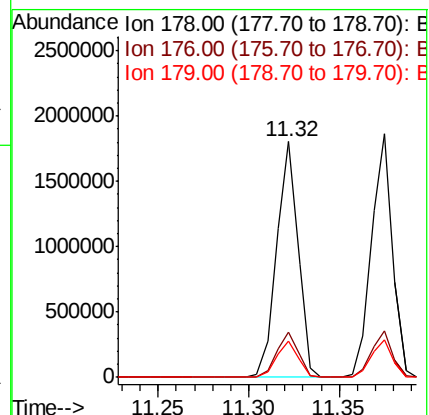
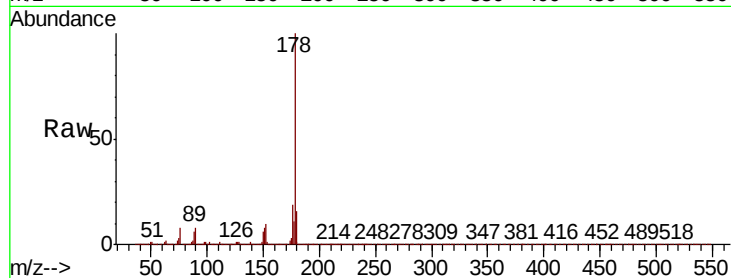
Tot Ion:178 Resp: 1478532

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.6 12.2 18.4



#72

Anthracene

Concen: 41.246 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

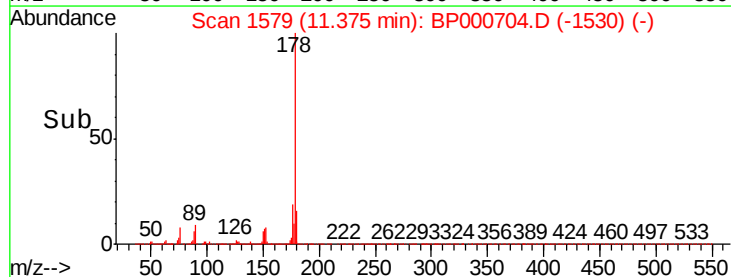
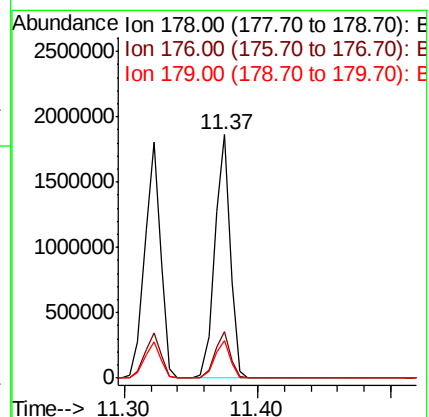
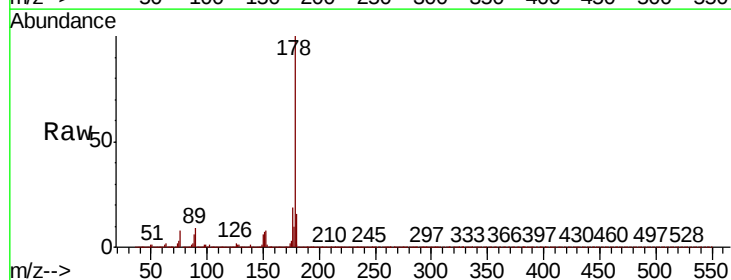
Tgt Ion:178 Resp: 1509747

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.6 12.6 19.0

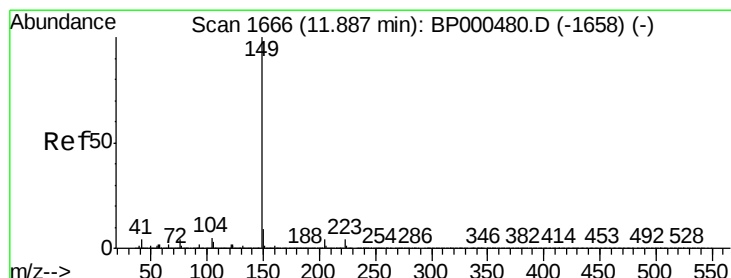
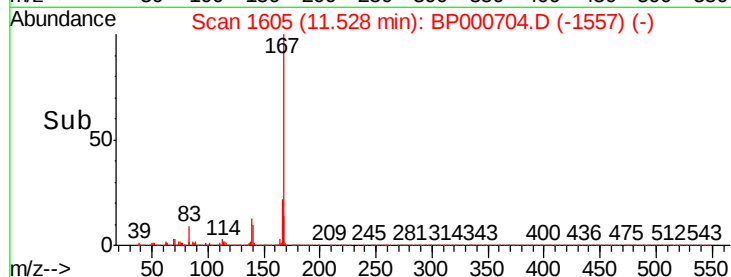
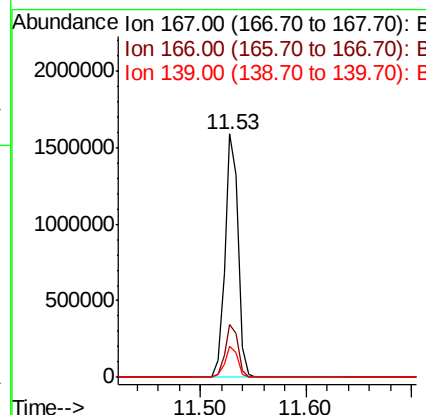
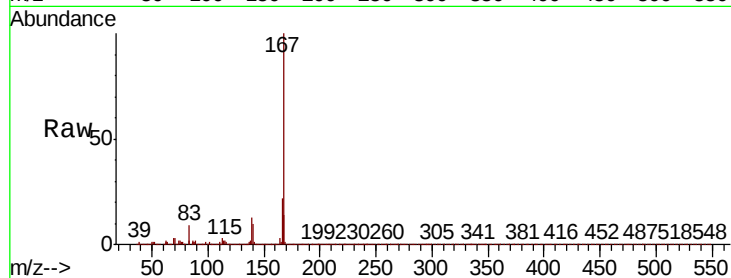




#73
 Carbazole
 Concen: 40.913 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.02 min
 Lab File: BP000704.D
 Acq: 14 Oct 2019 12:40

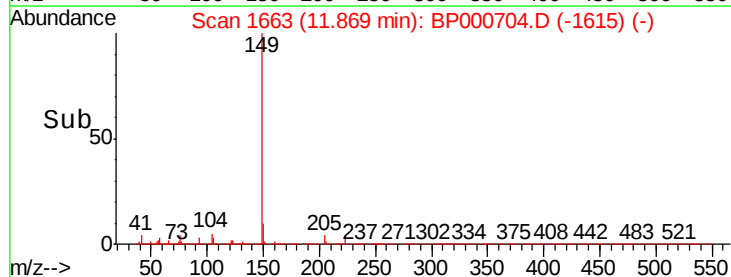
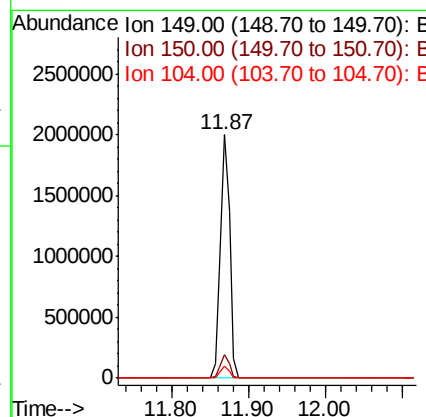
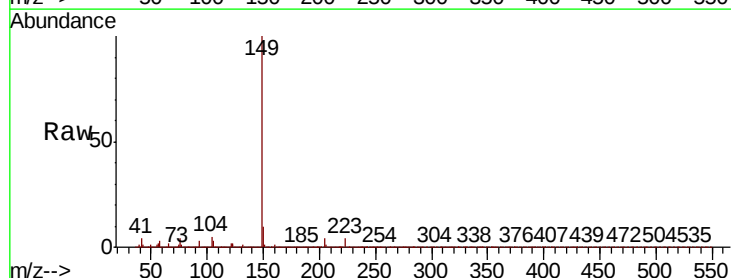
Instrument :
 BNA_P
 ClientSampleId :

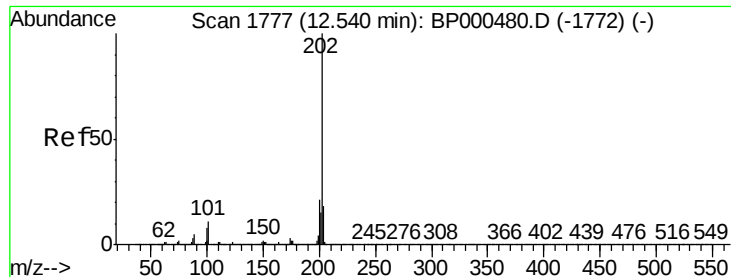
Tot Ion:167 Resp: 1388205
 Ion Ratio Lower Upper
 167 100
 166 21.7 16.9 25.3
 139 12.9 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 39.001 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. -0.02 min
 Lab File: BP000704.D
 Acq: 14 Oct 2019 12:40

Tgt Ion:149 Resp: 1612071
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.2
 104 4.7 3.7 5.5





#75

Fluoranthene

Concen: 40.182 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

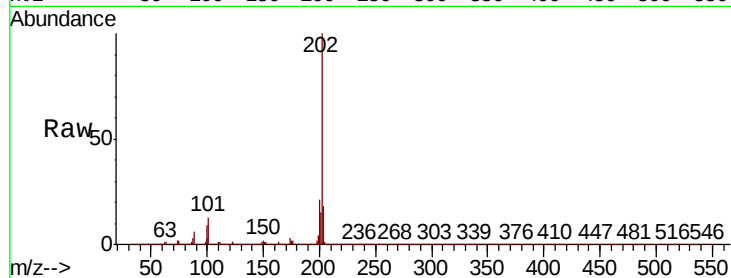
Instrument :

BNA_P

ClientSampleId :

Tot Ion:202 Resp: 1665985

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	31.3
203	18.0	0.0	38.1

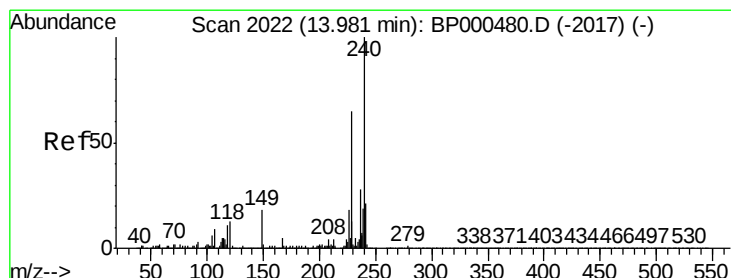
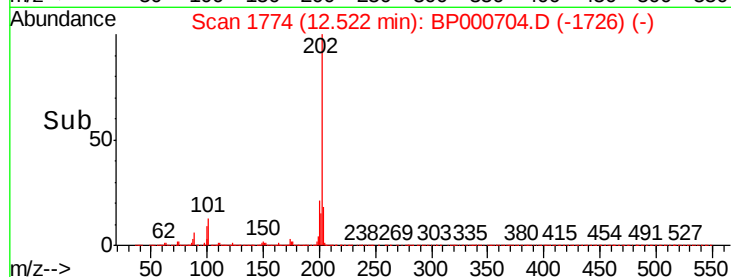
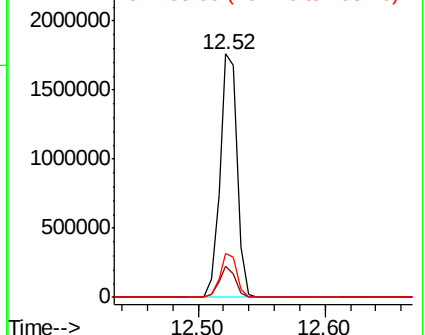


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

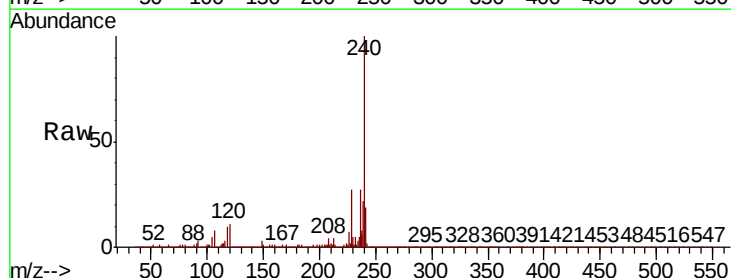
Delta R.T. -0.01 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

Tgt Ion:240 Resp: 609421

Ion	Ratio	Lower	Upper
240	100		
120	11.2	10.1	15.1
236	26.9	22.7	34.1

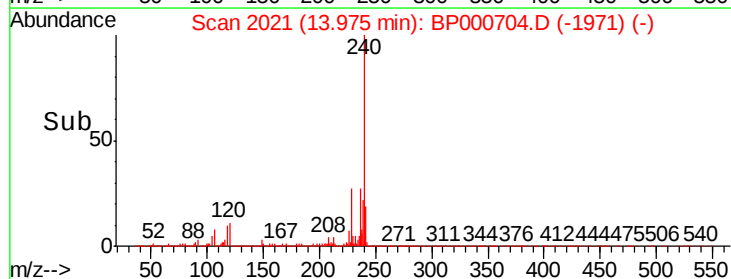
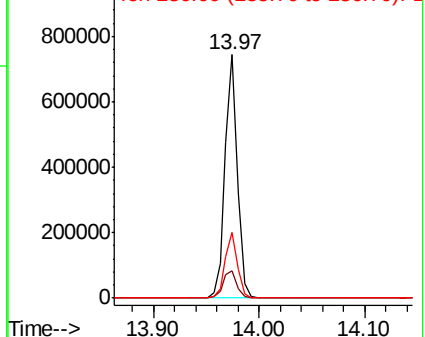


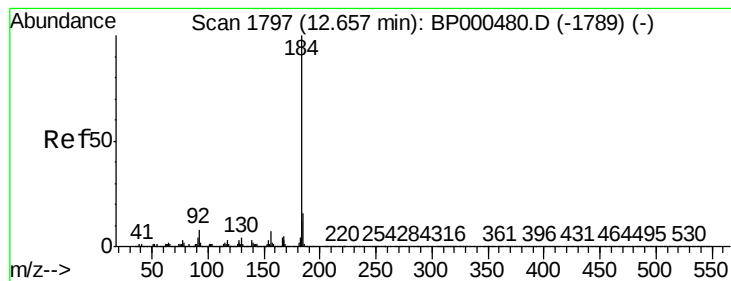
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.475 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

Instrument :

BNA_P

ClientSampleId :

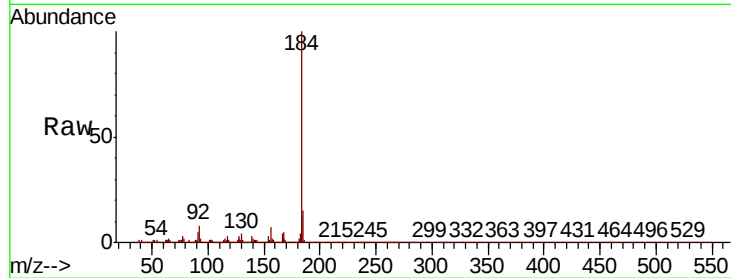
Tot Ion:184 Resp: 873094

Ion Ratio Lower Upper

184 100

185 15.1 12.7 19.1

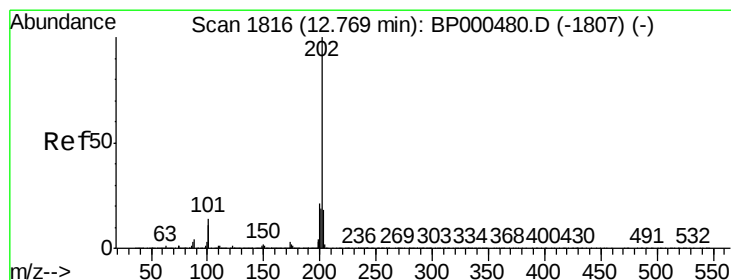
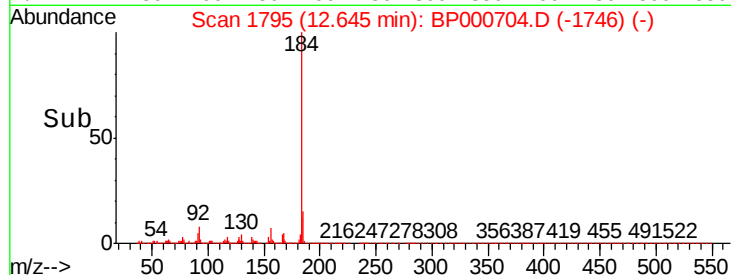
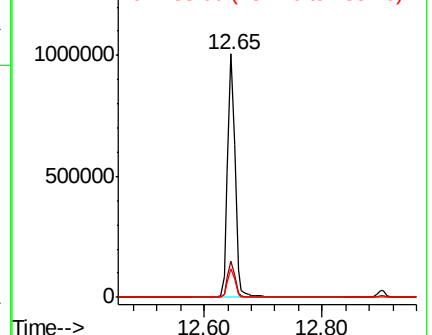
183 12.0 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.369 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

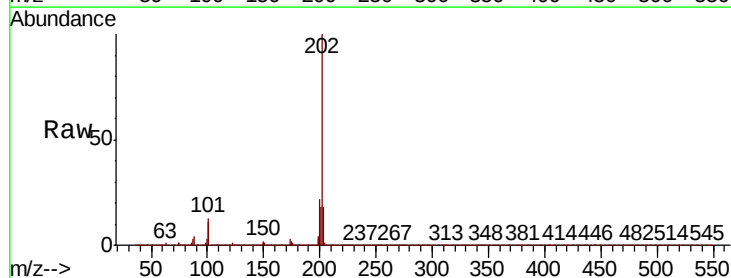
Tgt Ion:202 Resp: 1696773

Ion Ratio Lower Upper

202 100

200 21.6 17.1 25.7

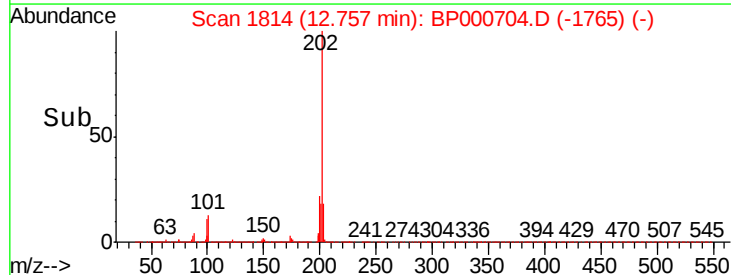
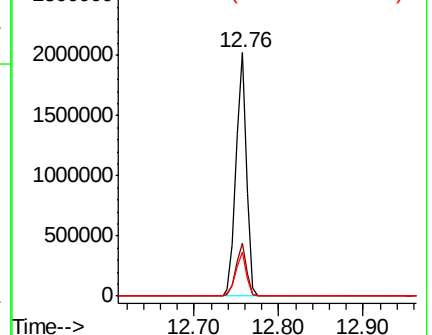
203 17.8 14.6 21.8

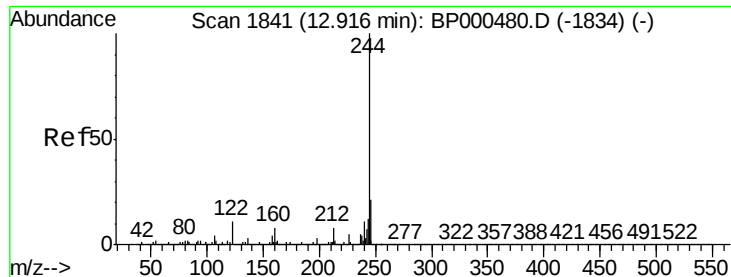


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.573 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

Instrument :

BNA_P

ClientSampled :

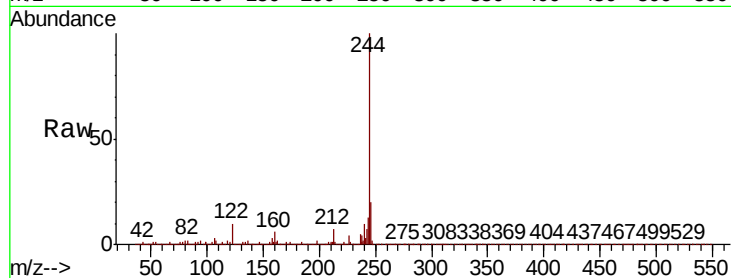
Tot Ion:244 Resp: 1883367

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

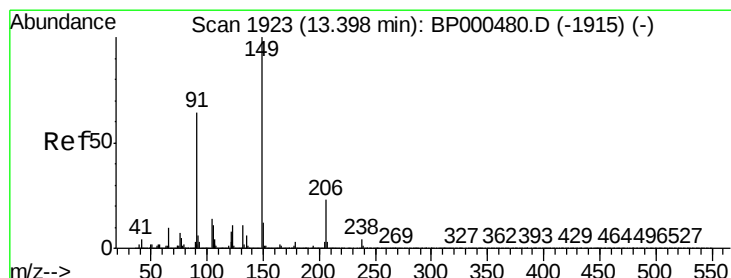
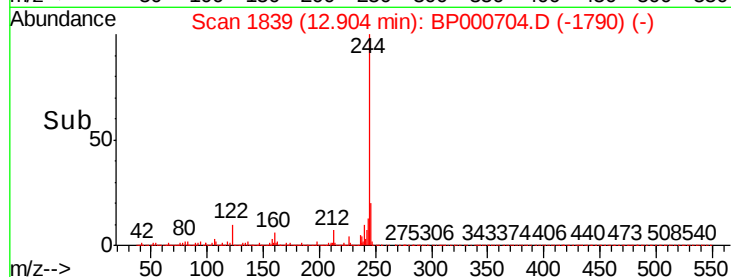
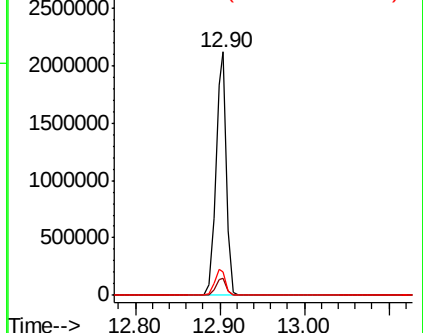
122 9.9 8.9 13.3



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



#80

Butylbenzylphthalate

Concen: 38.726 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

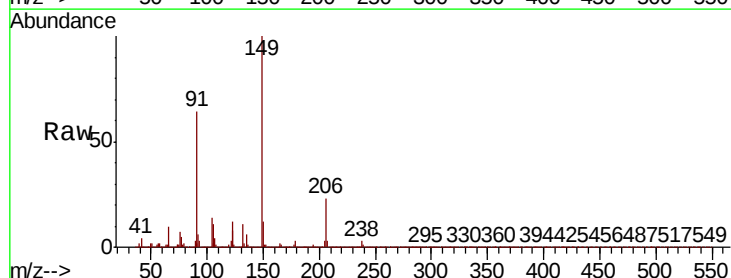
Tgt Ion:149 Resp: 709284

Ion Ratio Lower Upper

149 100

91 64.4 51.0 76.4

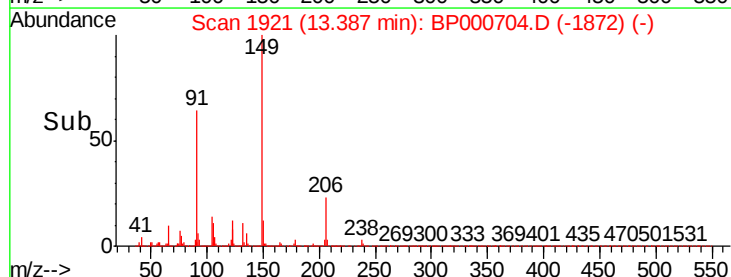
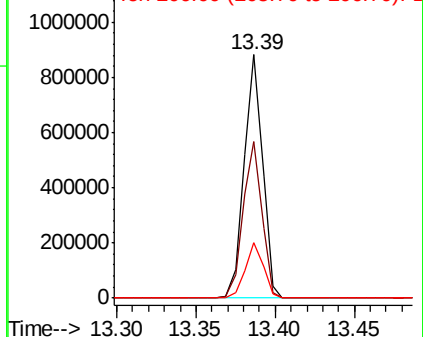
206 22.5 18.2 27.4

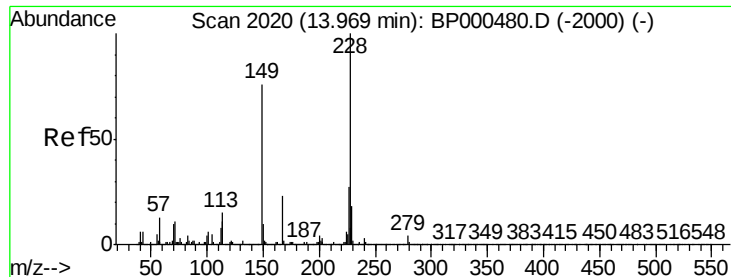


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.475 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

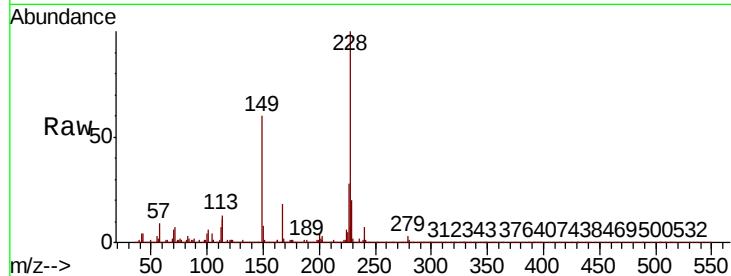
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 1504999

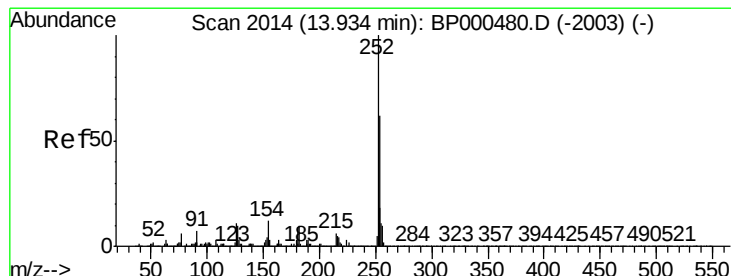
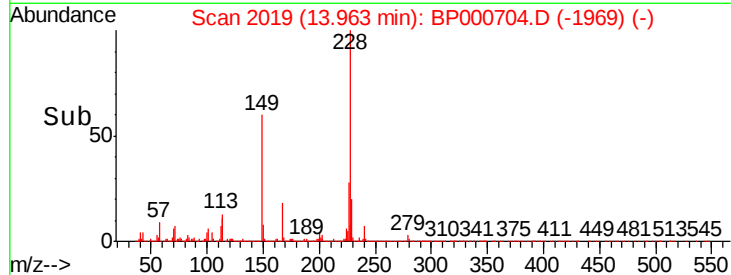
Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.4	32.2
229	20.0	14.7	22.1



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



#82

3,3'-Dichlorobenzidine

Concen: 33.157 ng

RT: 13.92 min Scan# 2012

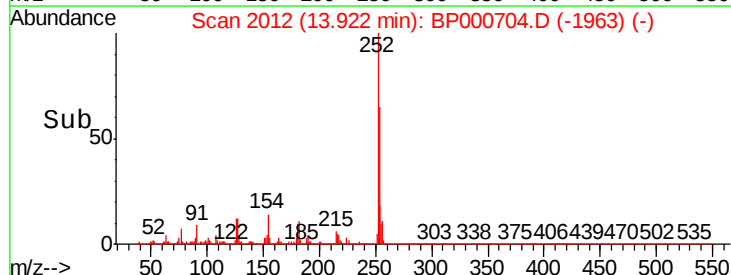
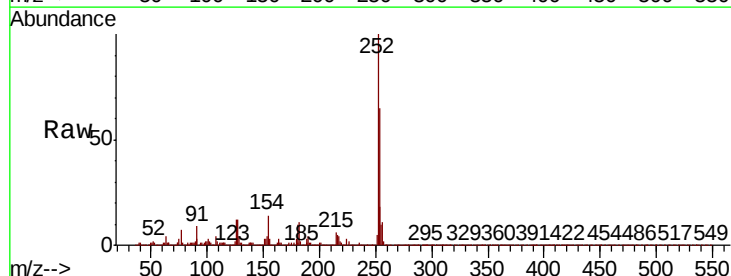
Delta R.T. -0.01 min

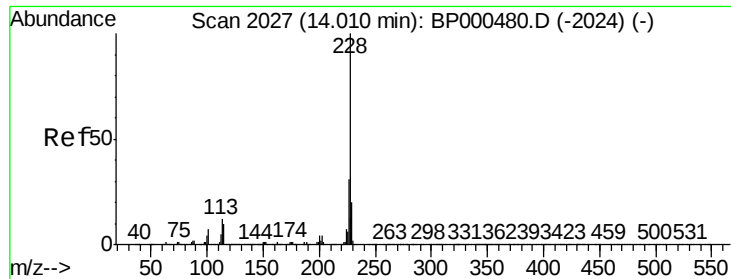
Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

Tgt Ion:252 Resp: 489718

Ion	Ratio	Lower	Upper
252	100		
254	64.9	49.8	74.8
126	12.5	8.9	13.3





#83

Chrysene

Concen: 40.724 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

Instrument :

BNA_P

ClientSampleId :

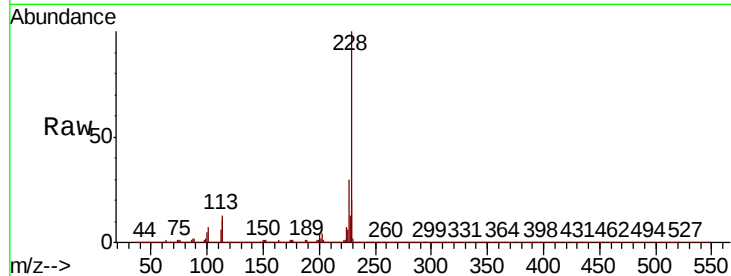
Tot Ion:228 Resp: 1486241

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.7	37.1
229	20.2	16.3	24.5

228 100

226 30.1 24.7 37.1

229 20.2 16.3 24.5

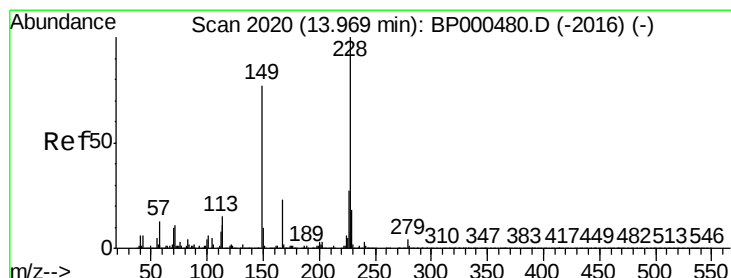
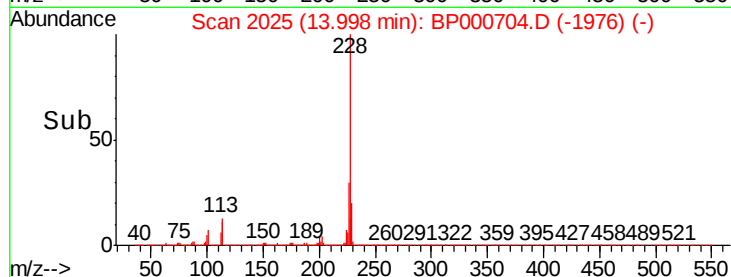
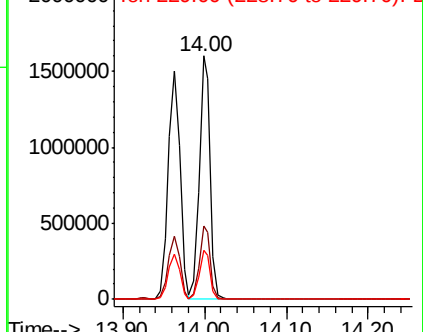


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.351 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

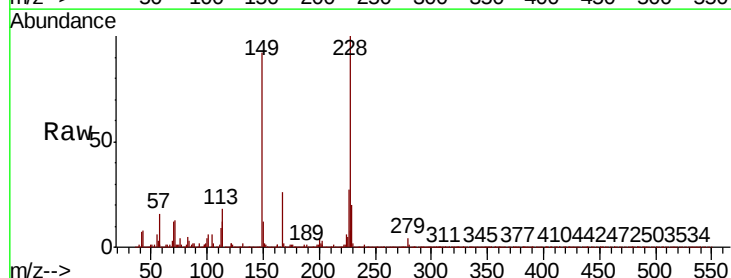
Tgt Ion:149 Resp: 929485

Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.6	35.4
279	4.3	3.9	5.9

149 100

167 28.1 23.6 35.4

279 4.3 3.9 5.9

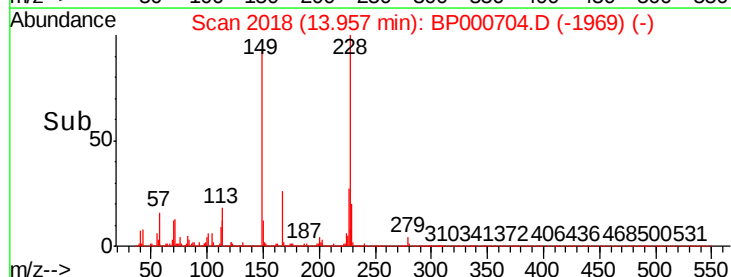
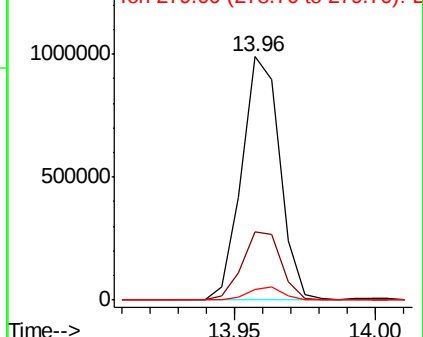


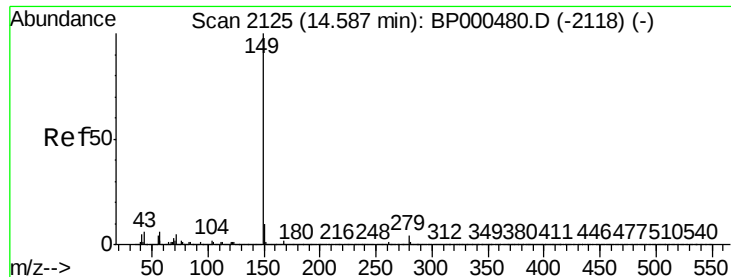
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.482 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

Instrument :

BNA_P

ClientSampleId :

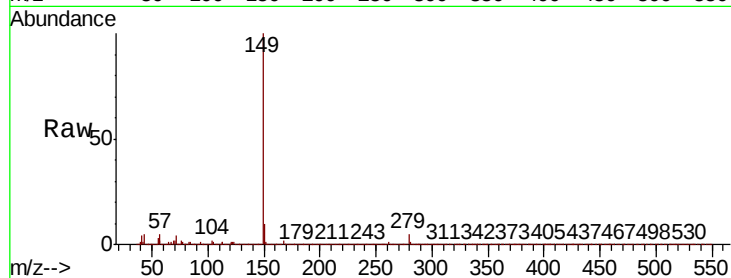
Tot Ion:149 Resp: 1731962

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

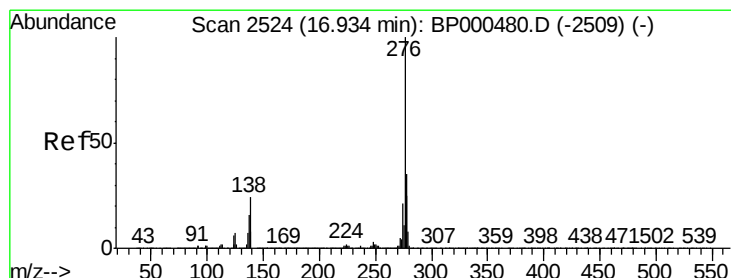
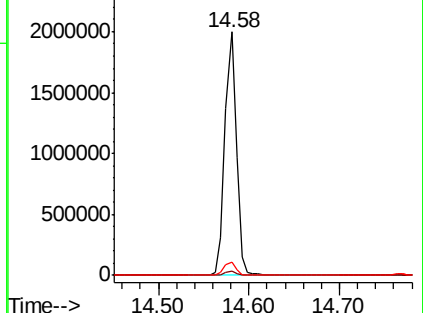
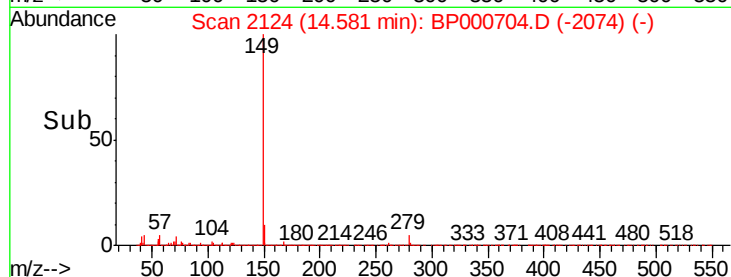
43 5.6 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.443 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.01 min

Lab File: BP000704.D

Acq: 14 Oct 2019 12:40

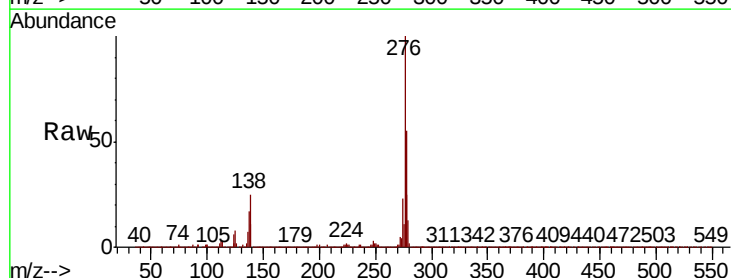
Tgt Ion:276 Resp: 1843730

Ion Ratio Lower Upper

276 100

138 26.3 20.9 31.3

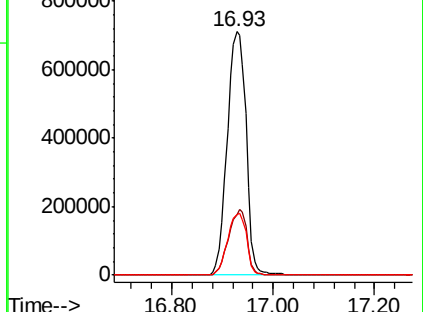
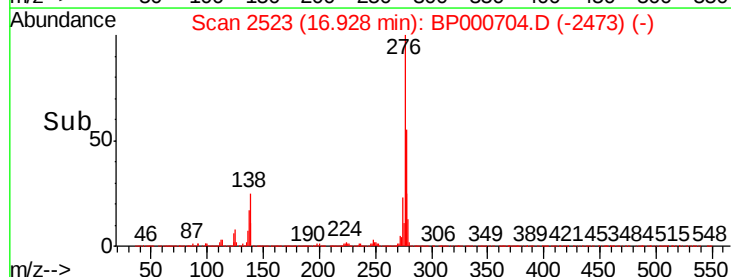
277 25.4 20.6 30.8

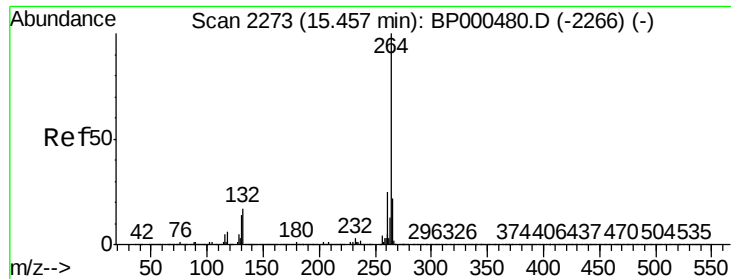


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



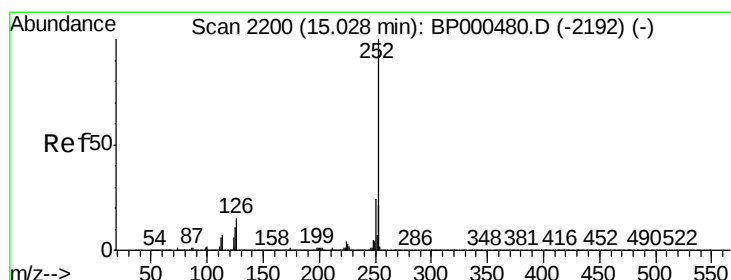
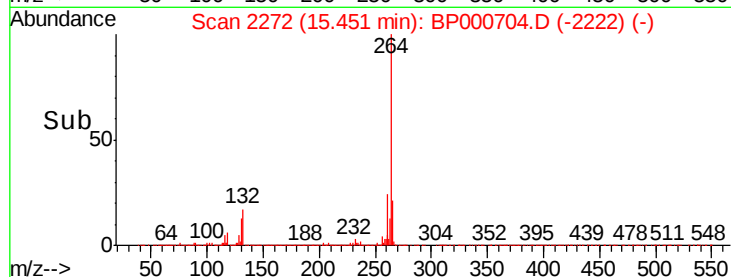
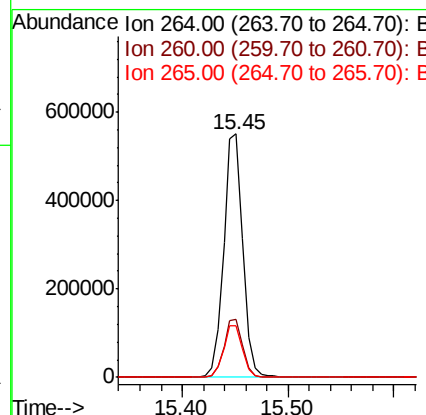
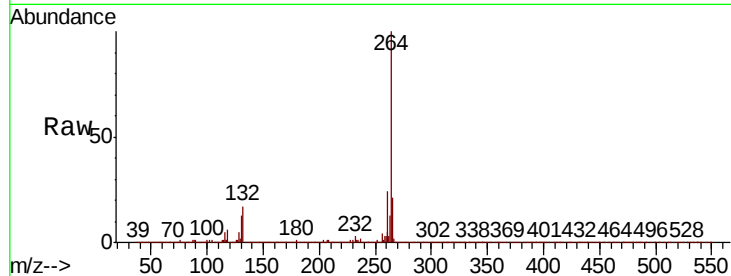


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Instrument :
BNA_P
ClientSampleId :

Tot Ion:264 Resp: 696541

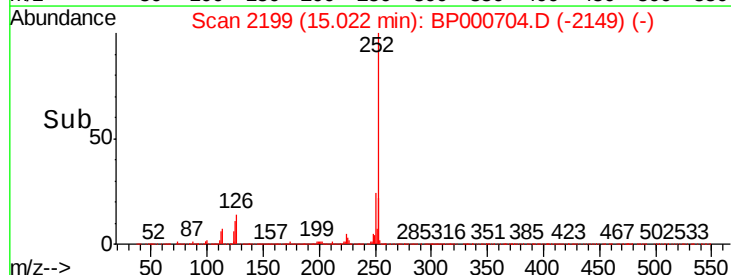
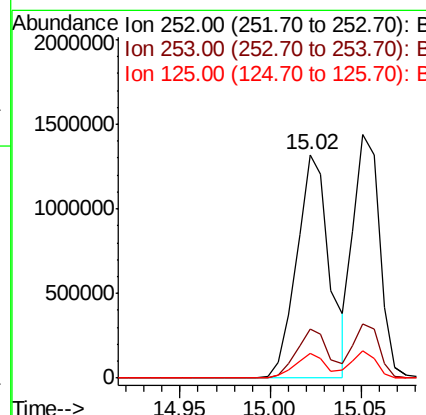
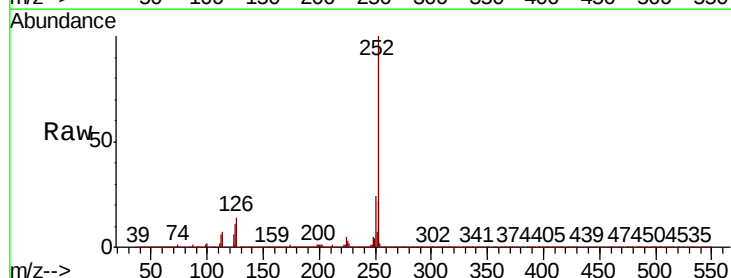
Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.3	30.5
265	21.3	18.0	27.0



#88
Benzo(b)fluoranthene
Concen: 42.413 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Tgt Ion:252 Resp: 1676003

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.4
125	10.9	8.9	13.3

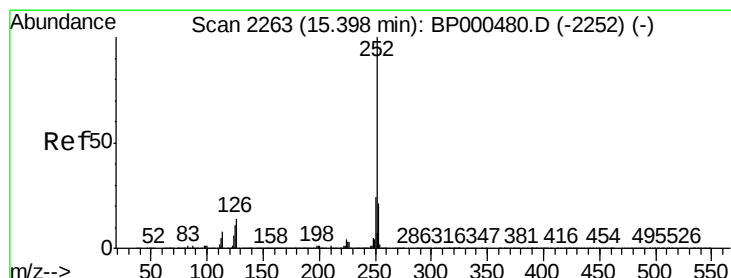
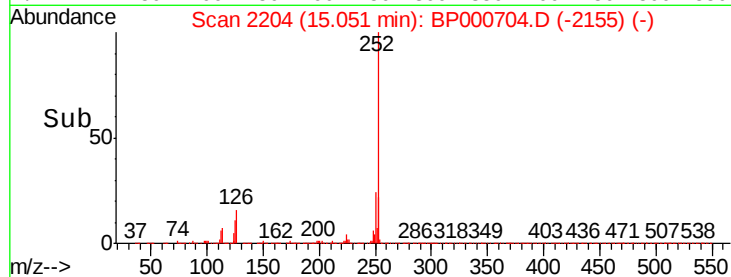
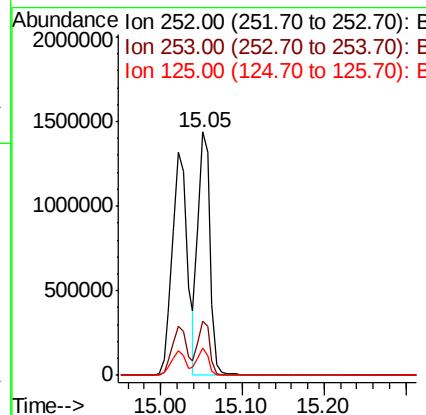
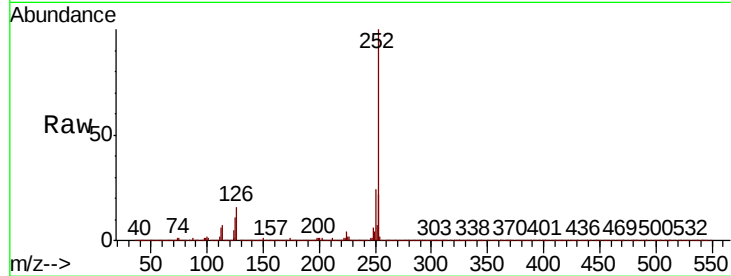




#89
Benzo(k)fluoranthene
Concen: 39.220 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

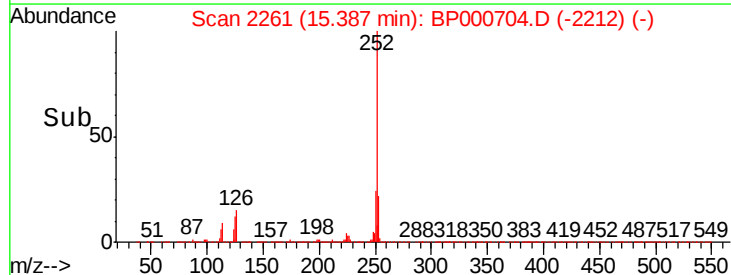
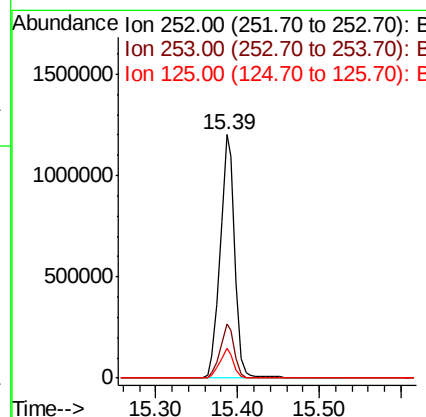
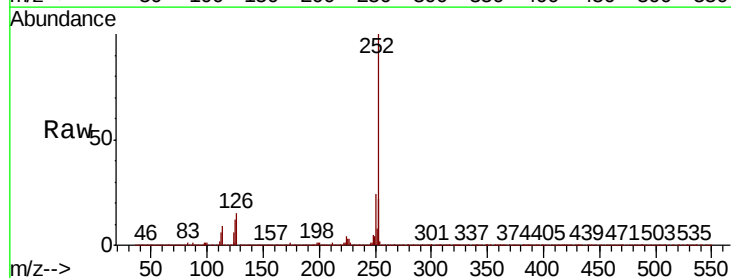
Instrument :
BNA_P
ClientSampleId :

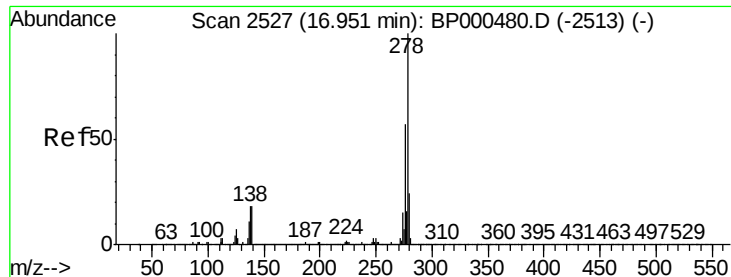
Tot Ion:252 Resp: 1475529
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 11.0 7.8 11.8



#90
Benzo(a)pyrene
Concen: 40.368 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Tgt Ion:252 Resp: 1487032
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 12.1 8.4 12.6

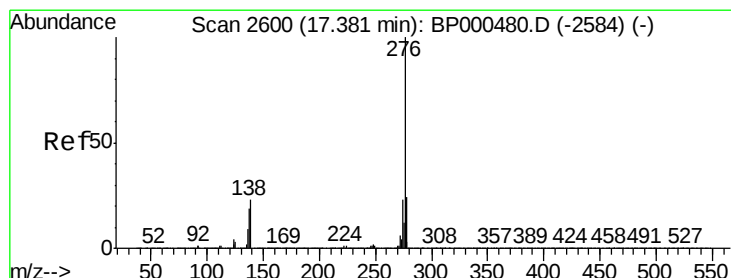
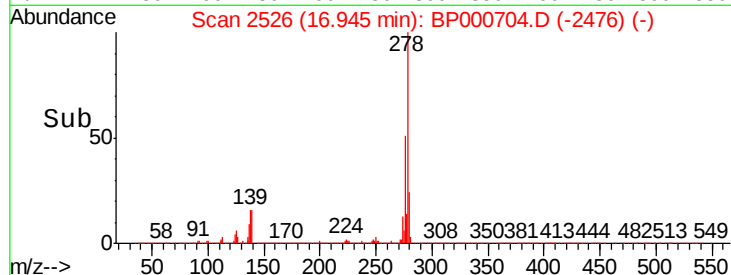
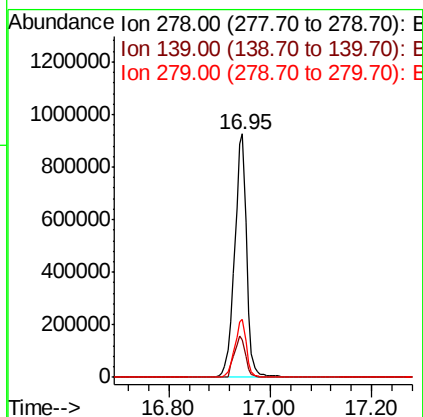
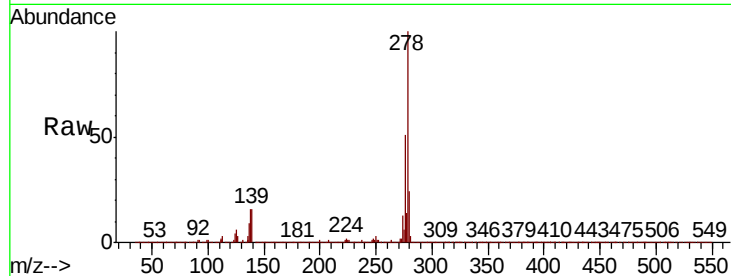




#91
Dibenzo(a,h)anthracene
Concen: 42.556 ng
RT: 16.95 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 1520397
Ion Ratio Lower Upper
278 100
139 15.6 14.1 21.1
279 23.9 19.5 29.3



#92
Benzo(g,h,i)perylene
Concen: 43.065 ng
RT: 17.37 min Scan# 2598
Delta R.T. -0.01 min
Lab File: BP000704.D
Acq: 14 Oct 2019 12:40

Tgt Ion:276 Resp: 1563437
Ion Ratio Lower Upper
276 100
277 23.9 19.4 29.2
138 23.2 18.5 27.7

