

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
 Data File : BP000388.D
 Acq On : 24 Sep 2019 16:59
 Operator : JU
 Sample : K5008-07MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 25 01:12:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	248355	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	897362	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	502050	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	946863	20.00	ng	0.00
76) Chrysene-d12	13.99	240	758029	20.00	ng	0.00
87) Perylene-d12	15.47	264	882132	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	2001655	139.14	ng	0.01
7) Phenol-d6	6.43	99	2614482	148.26	ng	0.01
23) Nitrobenzene-d5	7.35	82	1482862	106.62	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	710188	142.62	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2766535	99.18	ng	0.00
79) Terphenyl-d14	12.93	244	3207308	88.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	250114	38.527	ng	100
3) Pyridine	3.28	79	638355	36.526	ng	99
4) n-Nitrosodimethylamine	3.21	42	216486	43.929	ng	99
6) Aniline	6.45	93	771245	31.720	ng	# 1
8) 2-Chlorophenol	6.58	128	738941	47.700	ng	96
9) Benzaldehyde	6.33	77	468504	51.026	ng	96
10) Phenol	6.45	94	954478	47.640	ng	83
11) bis(2-Chloroethyl)ether	6.52	93	693081	45.173	ng	99
12) 1,3-Dichlorobenzene	6.73	146	823159	44.280	ng	98
13) 1,4-Dichlorobenzene	6.80	146	833638	45.071	ng	98
14) 1,2-Dichlorobenzene	6.96	146	779192	45.989	ng	98
15) Benzyl Alcohol	6.93	79	596344	46.470	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	627348	43.129	ng	97
17) 2-Methylphenol	7.05	107	617306	46.525	ng	99
18) Hexachloroethane	7.30	117	296514	43.321	ng	99
19) n-Nitroso-di-n-propylamine	7.20	70	419721	45.017	ng	97
20) 3+4-Methylphenols	7.20	107	751610	46.845	ng	92
22) Acetophenone	7.19	105	1002573	51.555	ng	# 99
24) Nitrobenzene	7.37	77	707240	48.957	ng	97
25) Isophorone	7.61	82	1328898	48.252	ng	98
26) 2-Nitrophenol	7.69	139	399527	52.167	ng	98
27) 2,4-Dimethylphenol	7.73	122	653005	53.528	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	867511	47.360	ng	99
29) 2,4-Dichlorophenol	7.93	162	657915	50.320	ng	98
30) 1,2,4-Trichlorobenzene	8.01	180	711490	47.476	ng	99
31) Naphthalene	8.09	128	2106812	50.693	ng	100
32) Benzoic acid	7.85	122	402634	48.882	ng	100
33) 4-Chloroaniline	8.14	127	263255	13.997	ng	98
34) Hexachlorobutadiene	8.22	225	409569	46.125	ng	100
35) Caprolactam	8.50	113	119829	26.942	ng	96
36) 4-Chloro-3-methylphenol	8.63	107	665820	50.164	ng	98
37) 2-Methylnaphthalene	8.79	142	1436485	50.562	ng	100
38) 1-Methylnaphthalene	8.89	142	1346542	50.596	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	711591	49.573	ng	99

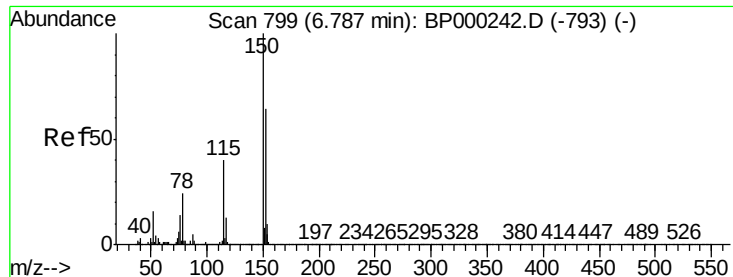
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
 Data File : BP000388.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	740674	89.857	ng	99
43) 2,4,6-Trichlorophenol	9.06	196	489661	49.298	ng	100
44) 2,4,5-Trichlorophenol	9.11	196	529321	52.044	ng	98
46) 1,1'-Biphenyl	9.25	154	1767011	50.877	ng	99
47) 2-Chloronaphthalene	9.28	162	1385207	47.546	ng	98
48) 2-Nitroaniline	9.37	65	342357	46.273	ng	100
49) Acenaphthylene	9.69	152	2190288	50.013	ng	99
50) Dimethylphthalate	9.55	163	2043673	59.747	ng	100
51) 2,6-Dinitrotoluene	9.61	165	381129	50.675	ng	96
52) Acenaphthene	9.86	154	1289821	46.671	ng	99
53) 3-Nitroaniline	9.78	138	212535	24.346	ng	94
54) 2,4-Dinitrophenol	9.89	184	341418	102.751	ng	95
55) Dibenzofuran	10.04	168	1986116	50.837	ng	98
56) 4-Nitrophenol	9.96	139	622331	95.846	ng	95
57) 2,4-Dinitrotoluene	10.02	165	508748	51.743	ng	# 84
58) Fluorene	10.38	166	1508782	49.999	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	423950	50.657	ng	100
60) Diethylphthalate	10.26	149	1622412	49.307	ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	779251	50.307	ng	95
62) 4-Nitroaniline	10.40	138	398285	46.384	ng	98
63) Azobenzene	10.53	77	1386335	49.730	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	240467	54.011	ng	96
66) n-Nitrosodiphenylamine	10.49	169	1385583	48.610	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	499413	46.643	ng	99
68) Hexachlorobenzene	10.94	284	527667	45.078	ng	97
69) Atrazine	11.03	200	440586	Below Cal		97
70) Pentachlorophenol	11.13	266	584386	91.664	ng	99
71) Phenanthrene	11.35	178	2315520	48.799	ng	100
72) Anthracene	11.40	178	2386616	48.865	ng	100
73) Carbazole	11.56	167	2195292	49.910	ng	100
74) Di-n-butylphthalate	11.89	149	2599071	46.684	ng	99
75) Fluoranthene	12.55	202	2614656	51.317	ng	97
77) Benzidine	12.67	184	1377634	50.887	ng	98
78) Pyrene	12.78	202	2643978	46.620	ng	99
80) Butylbenzylphthalate	13.40	149	1164030	44.668	ng	92
81) Benzo(a)anthracene	13.98	228	2281074	47.639	ng	100
82) 3,3'-Dichlorobenzidine	13.94	252	764298	39.717	ng	99
83) Chrysene	14.02	228	2242533	47.699	ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	1482943	47.405	ng	99
85) Di-n-octyl phthalate	14.59	149	2756143	47.537	ng	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	2772258	48.376	ng	99
88) Benzo(b)fluoranthene	15.04	252	2598107	49.370	ng	99
89) Benzo(k)fluoranthene	15.07	252	2199145	47.907	ng	99
90) Benzo(a)pyrene	15.41	252	2392587	49.966	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	2237091	50.109	ng	99
92) Benzo(g,h,i)perylene	17.40	276	2307702	50.289	ng	99

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

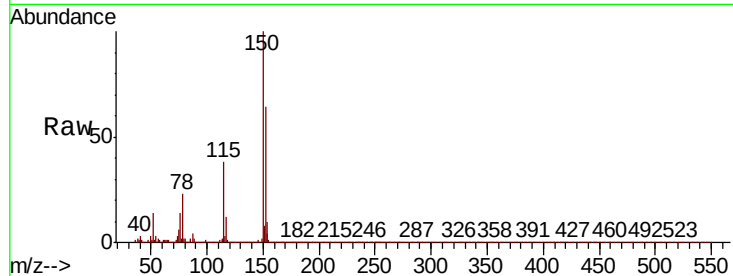


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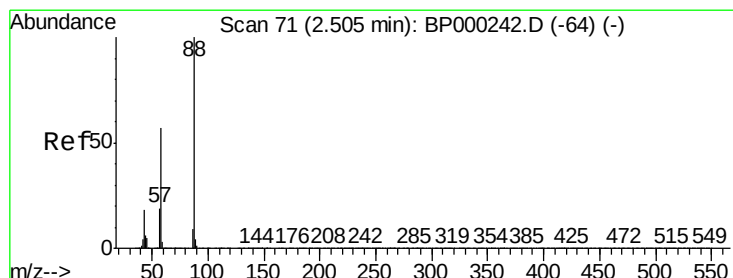
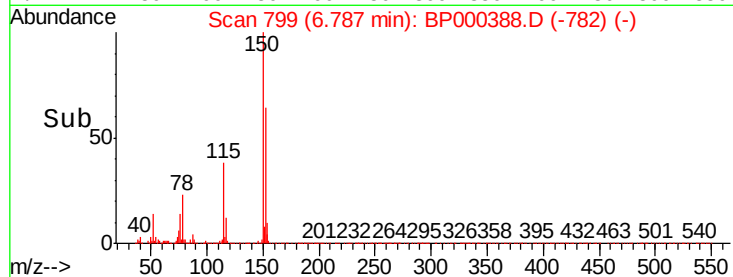
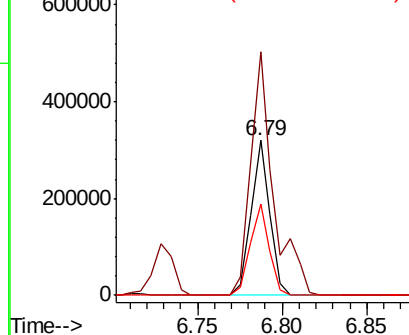
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	125.2	187.8
115	59.3	49.7	74.5



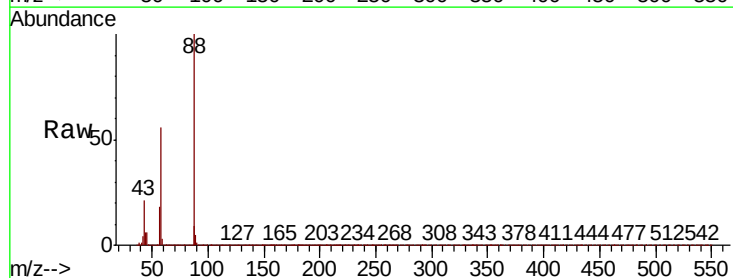
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



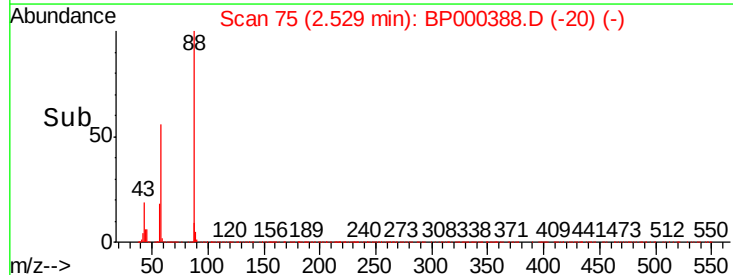
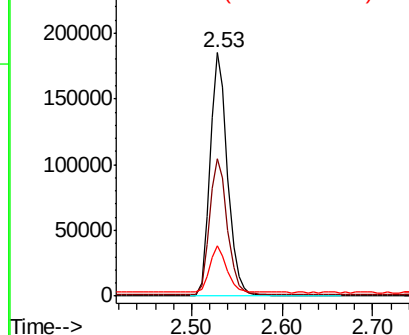
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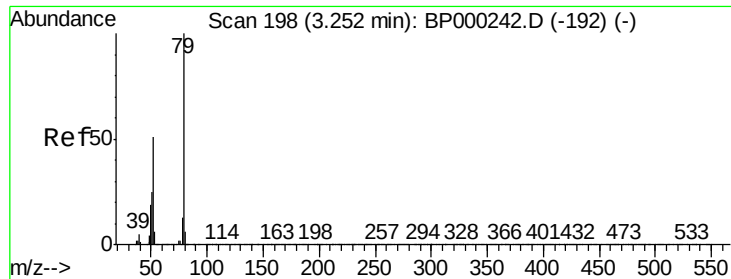
1,4-Dioxane
Concen: 38.527 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.02 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.0	45.4	68.2
43	18.8	15.0	22.6



Abundance Ion 88.00 (87.70 to 88.70): BP0
Ion 58.00 (57.70 to 58.70): BP0
Ion 43.00 (42.70 to 43.70): BP0

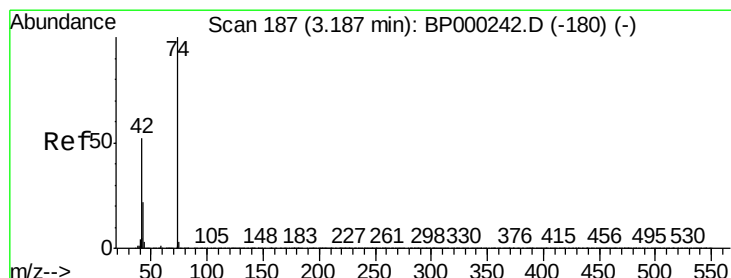
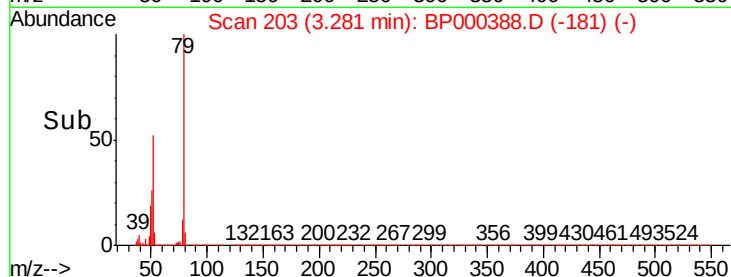
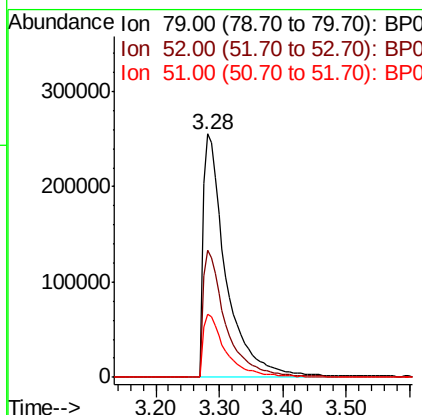
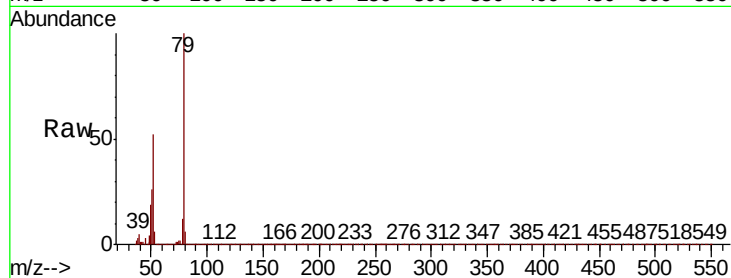




#3
 Pvridine
 Concen: 36.526 ng
 RT: 3.28 min Scan# 203
 Delta R.T. 0.03 min
 Lab File: BP000388.D
 Acq: 24 Sep 2019 16:59

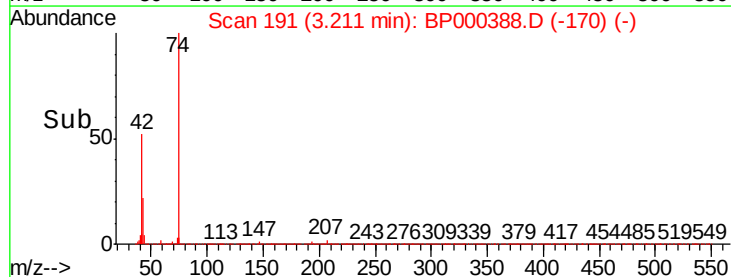
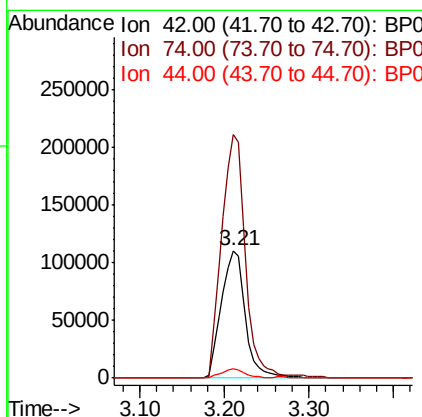
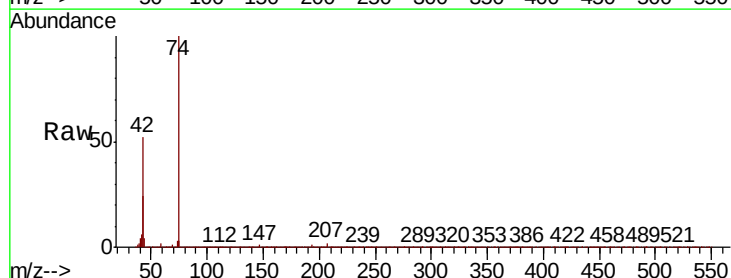
Instrument :
 BNA_P
 ClientSampleId :

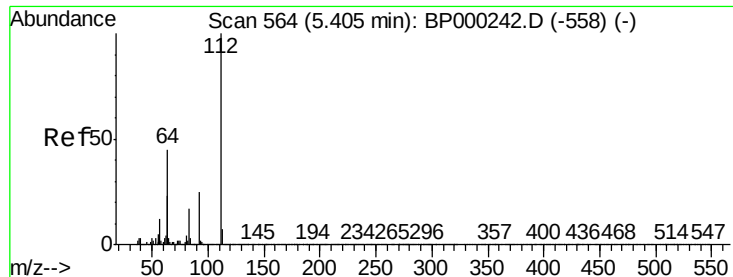
Tot Ion	Ratio	Lower	Upper
79	100		
52	52.1	40.9	61.3
51	25.9	20.2	30.2



#4
 n-Nitrosodimethylamine
 Concen: 43.929 ng
 RT: 3.21 min Scan# 191
 Delta R.T. 0.02 min
 Lab File: BP000388.D
 Acq: 24 Sep 2019 16:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	191.0	154.5	231.7
44	7.1	5.9	8.9





#5

2-Fluorophenol

Concen: 139.138 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

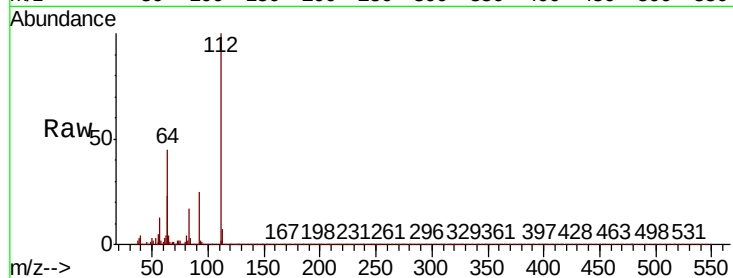
Instrument :

BNA_P

ClientSampled :

Tot Ion: 112 Resp: 2001655

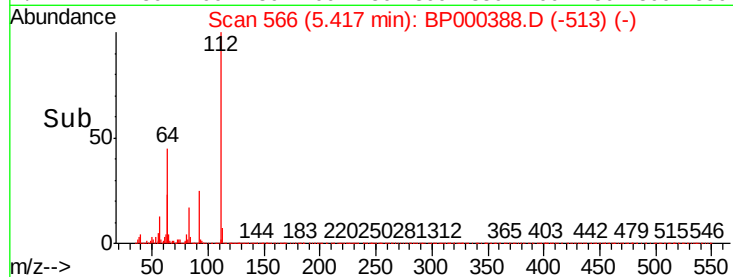
Ion	Ratio	Lower	Upper
112	100		
64	45.2	36.2	54.4
63	23.3	18.3	27.5



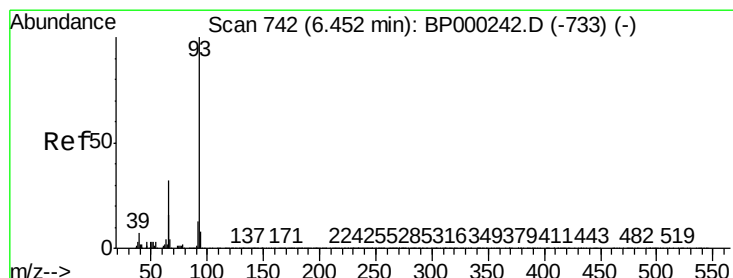
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



Time--> 5.30 5.40 5.50



#6

Aniline

Concen: 31.720 ng

RT: 6.45 min Scan# 741

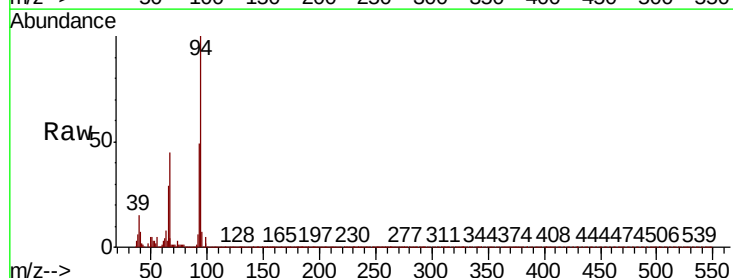
Delta R.T. -0.01 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

Tgt Ion: 93 Resp: 771245

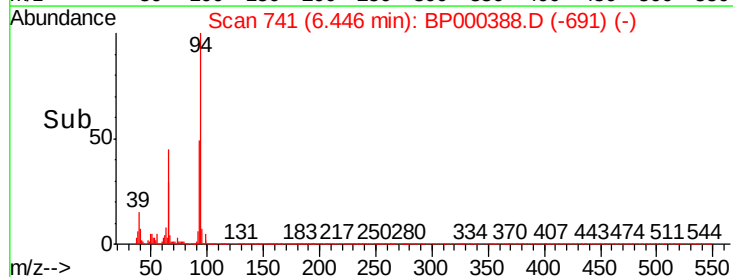
Ion	Ratio	Lower	Upper
93	100		
66	90.6	26.2	39.2#
65	58.0	12.7	19.1#



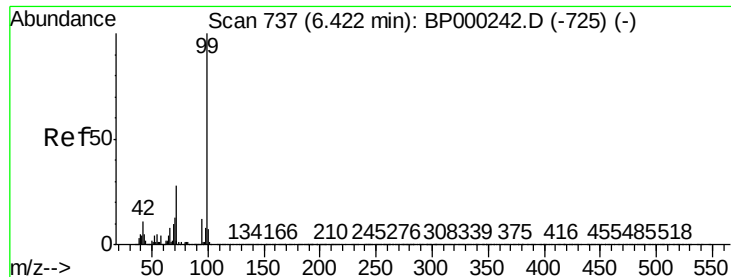
Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0



Time--> 6.40 6.45 6.50



#7

Phenol-d6

Concen: 148.261 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

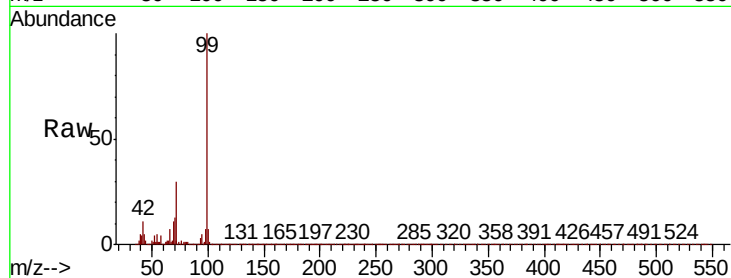
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 2614482

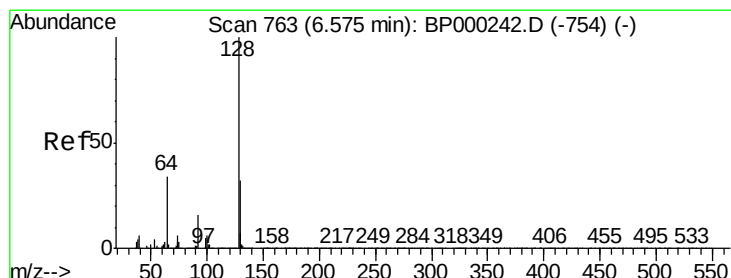
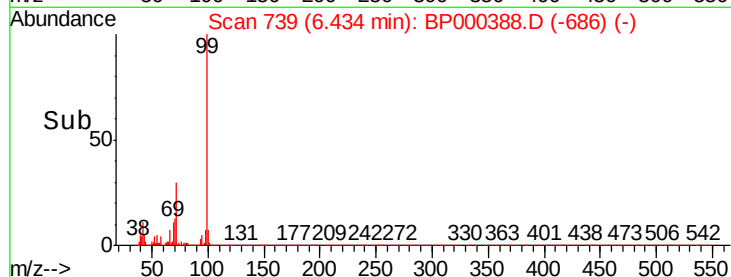
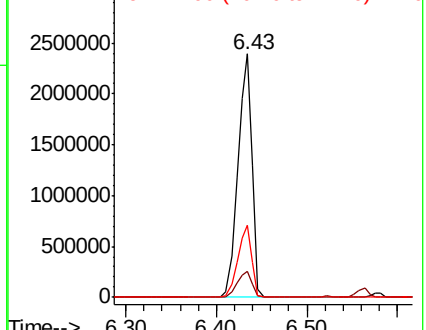
Ion	Ratio	Lower	Upper
99	100		
42	10.9	8.5	12.7
71	29.8	22.6	34.0



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 47.700 ng

RT: 6.58 min Scan# 763

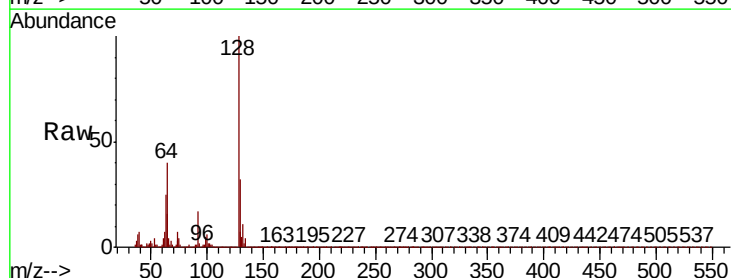
Delta R.T. 0.00 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

Tgt Ion: 128 Resp: 738941

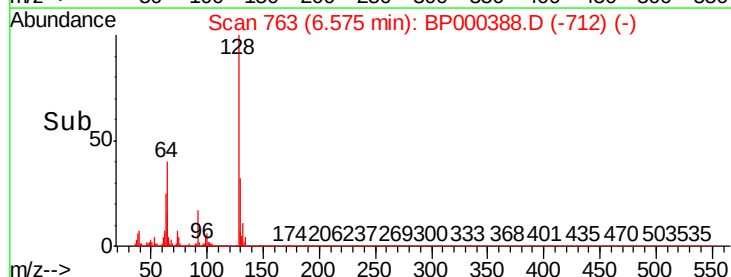
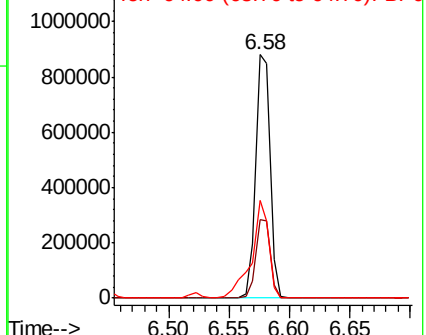
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.5	52.5
64	39.9	16.0	56.0

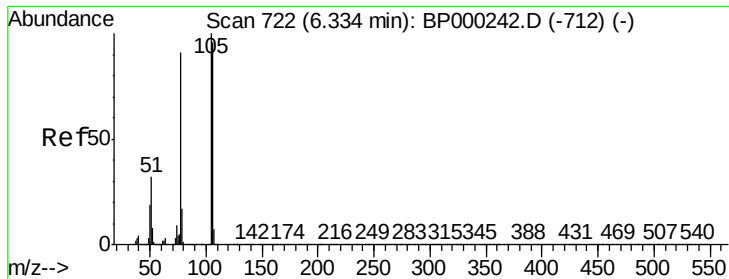


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 51.026 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

Instrument :

BNA_P

ClientSampleId :

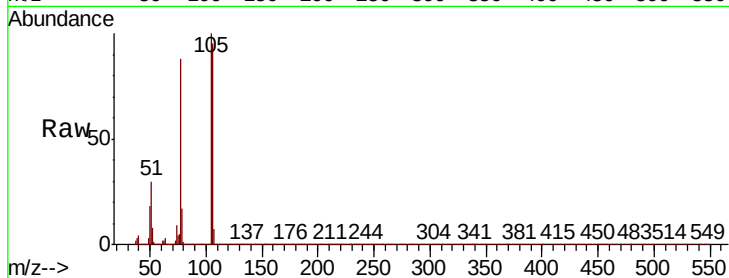
Tot Ion: 77 Resp: 468504

Ion Ratio Lower Upper

77 100

105 113.6 89.6 129.6

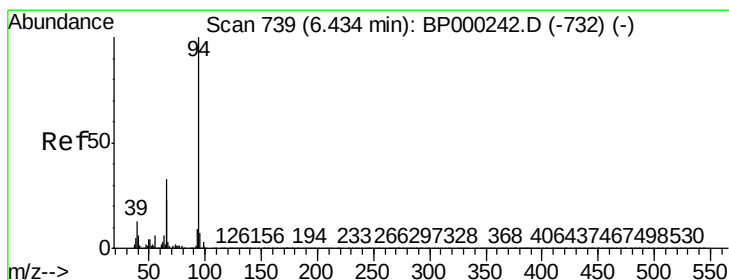
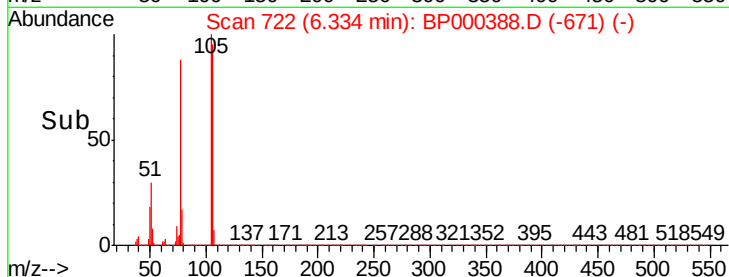
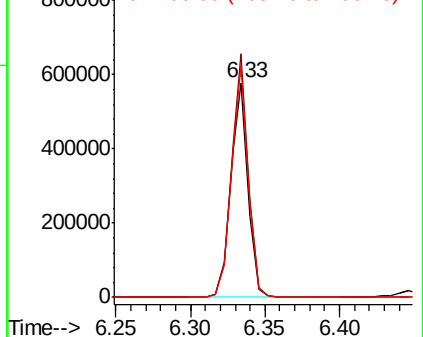
106 108.2 84.6 124.6



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 47.640 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

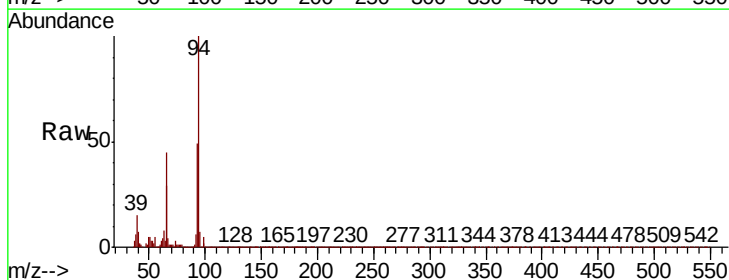
Tgt Ion: 94 Resp: 954478

Ion Ratio Lower Upper

94 100

65 28.6 3.3 43.3

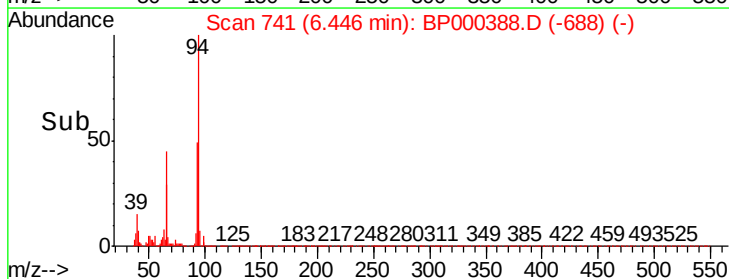
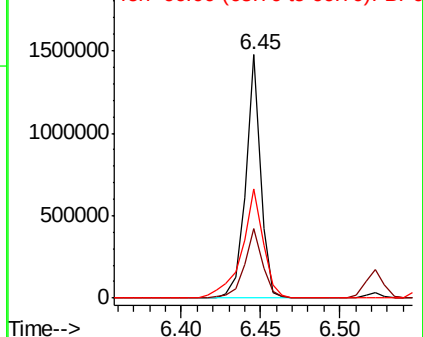
66 44.7 12.7 52.7

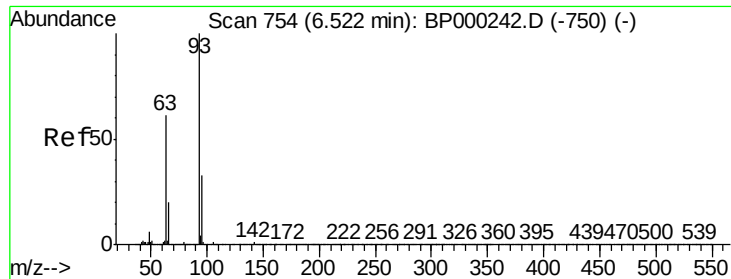


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

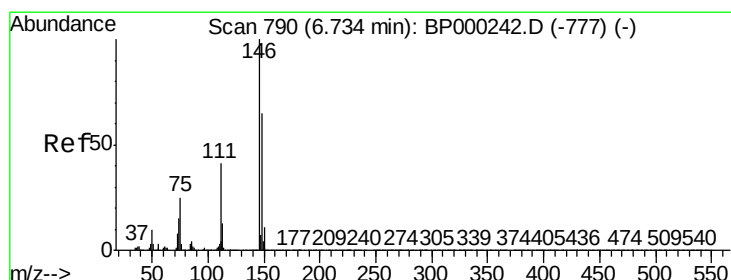
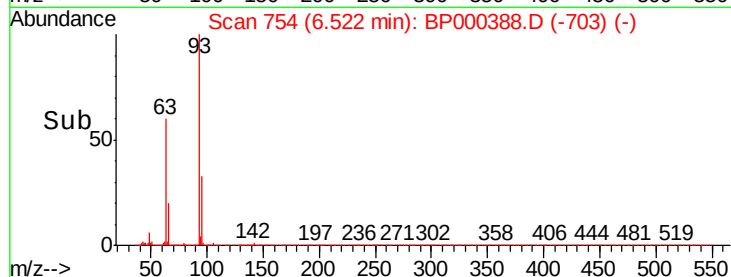
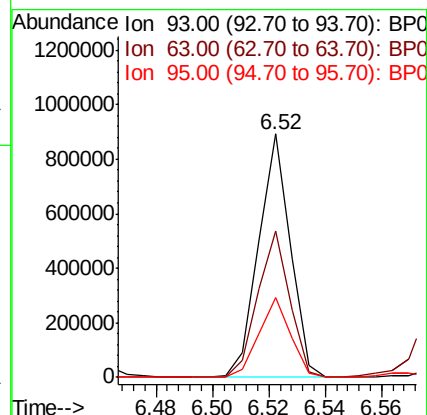
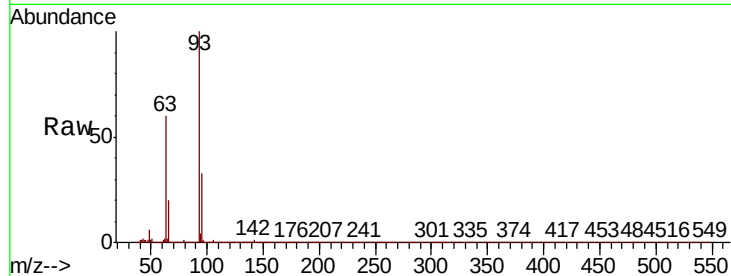




#11
bis(2-Chloroethyl)ether
Concen: 45.173 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

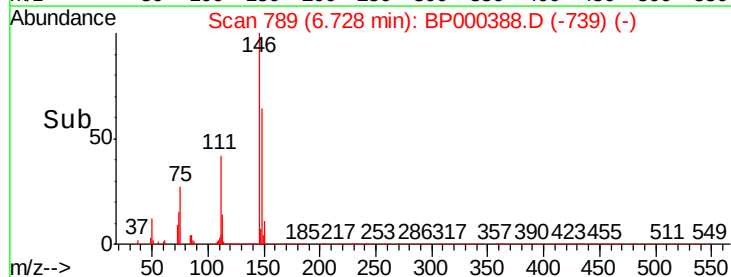
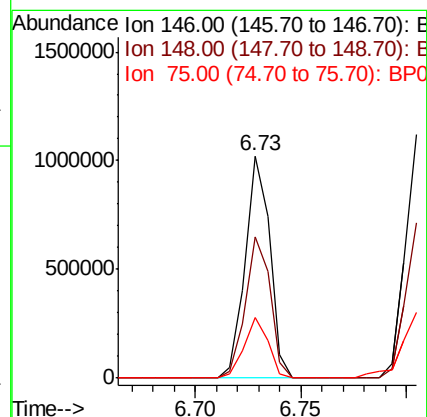
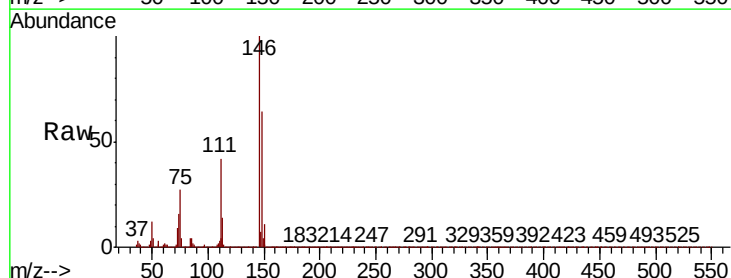
Instrument :
BNA_P
ClientSampled :

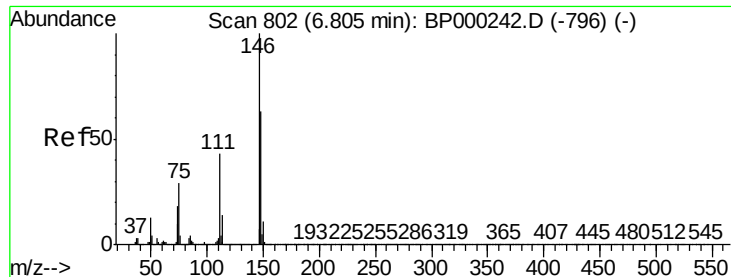
Tot Ion:	93	Resp:	693081
Ion	Ratio	Lower	Upper
93	100		
63	60.0	41.0	81.0
95	32.6	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 44.280 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Tgt Ion:	146	Resp:	823159
Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.1	78.1
75	27.3	20.2	30.4

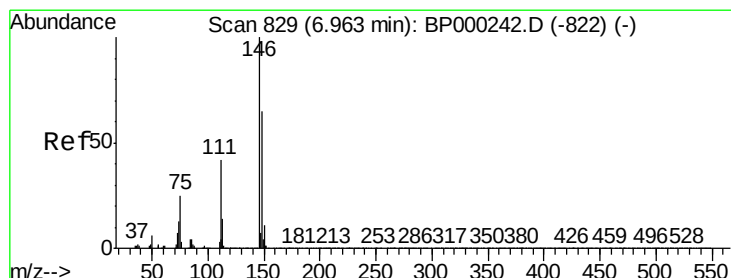
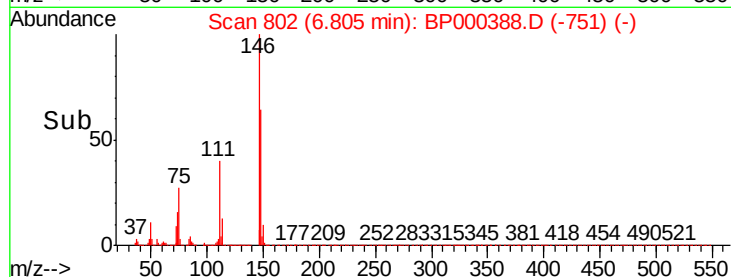
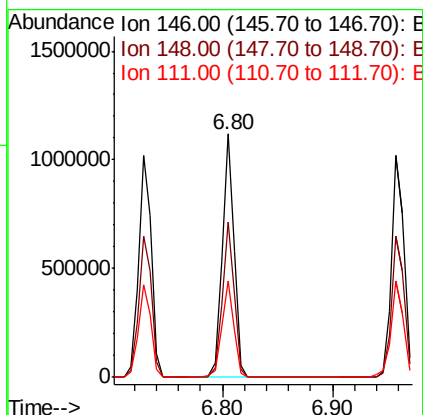
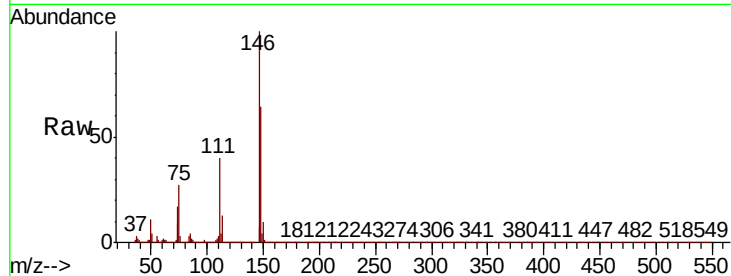




#13
 1,4-Dichlorobenzene
 Concen: 45.071 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BP000388.D
 Acq: 24 Sep 2019 16:59

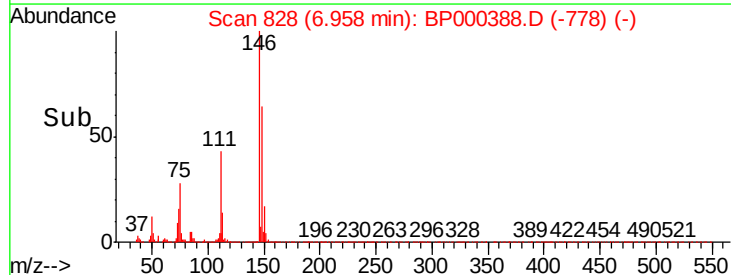
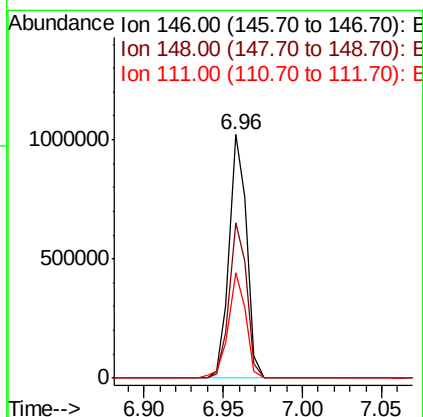
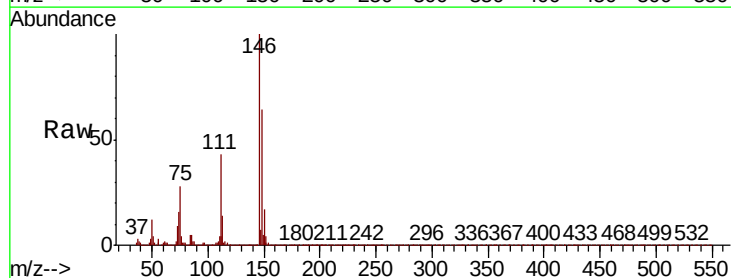
Instrument :
 BNA_P
 ClientSampled :

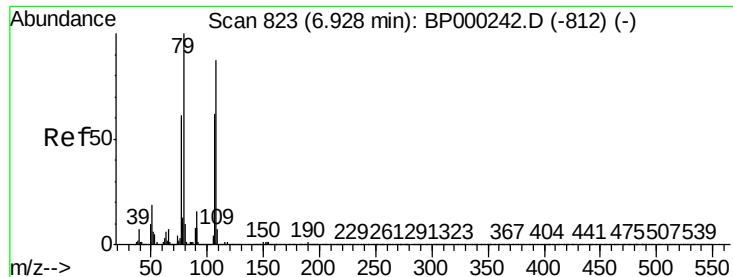
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.7	76.1
111	39.6	34.1	51.1



#14
 1,2-Dichlorobenzene
 Concen: 45.989 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BP000388.D
 Acq: 24 Sep 2019 16:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.7	77.5
111	43.5	33.4	50.2





#15

Benzyl Alcohol

Concen: 46.470 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.00 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

Instrument :

BNA_P

ClientSampled :

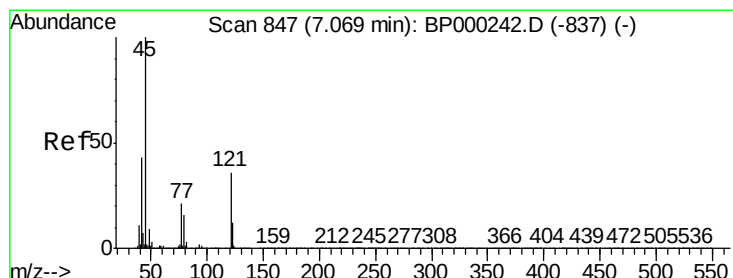
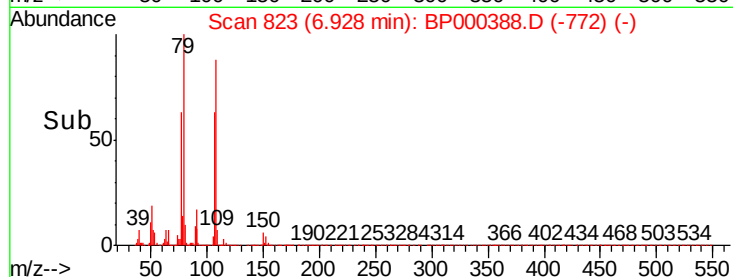
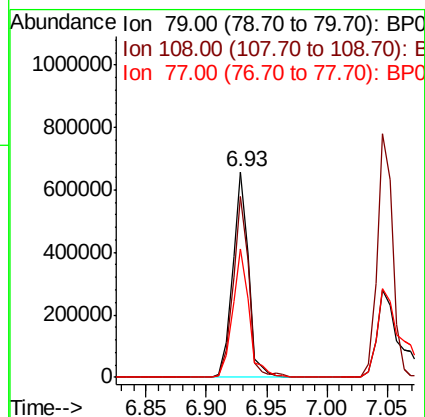
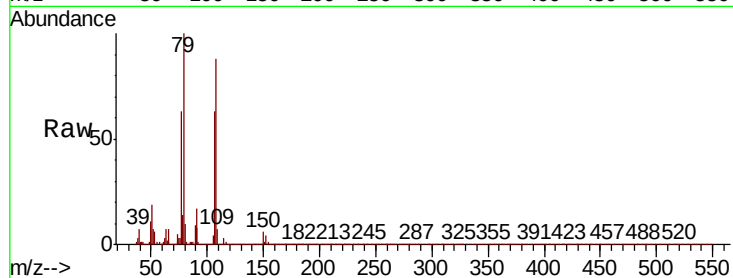
Tot Ion: 79 Resp: 596344

Ion Ratio Lower Upper

79 100

108 88.0 69.2 103.8

77 62.8 48.7 73.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.129 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

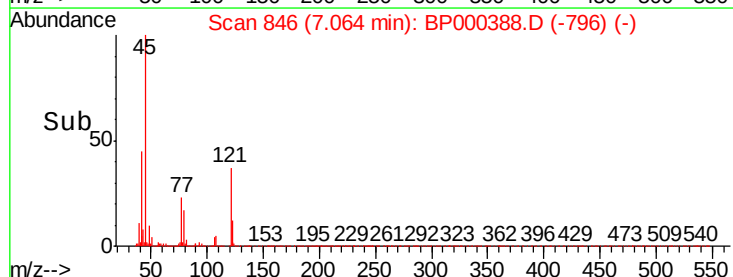
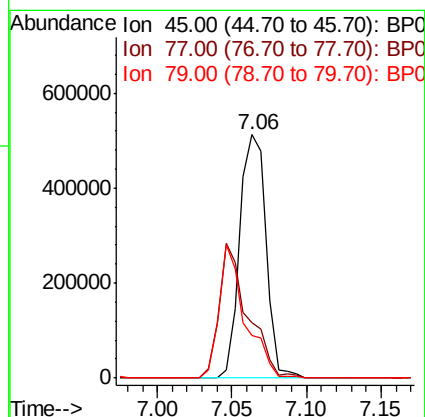
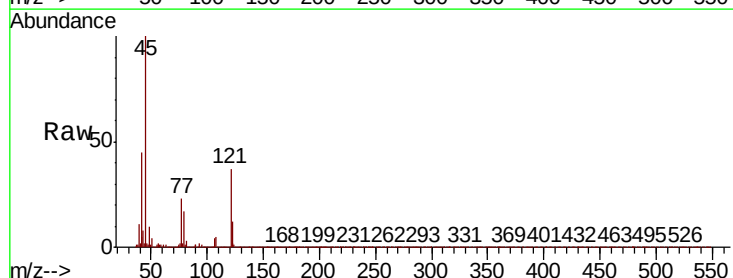
Tgt Ion: 45 Resp: 627348

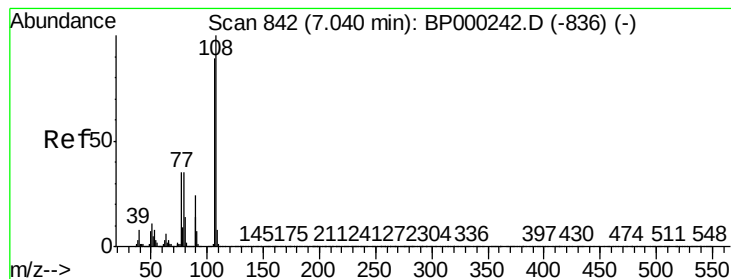
Ion Ratio Lower Upper

45 100

77 22.7 0.7 40.7

79 17.4 0.0 36.4

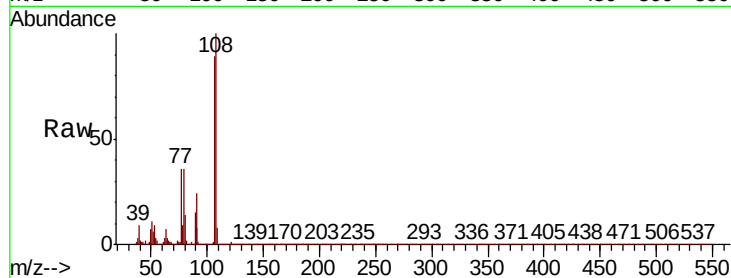




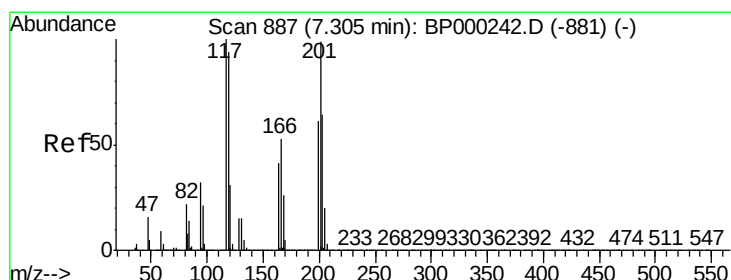
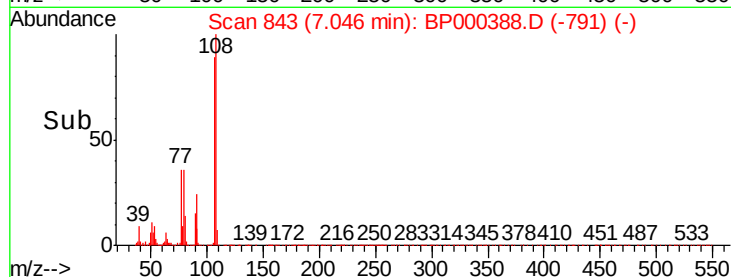
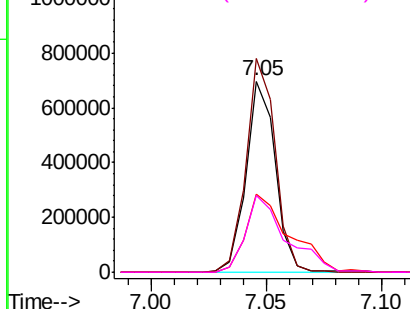
#17
2-Methylphenol
Concen: 46.525 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Instrument :
BNA_P
ClientSampled :

Tot Ion:	107	Resp:	617306
Ion	Ratio	Lower	Upper
107	100		
108	111.8	90.1	135.1
77	40.8	31.5	47.3
79	40.4	32.2	48.2

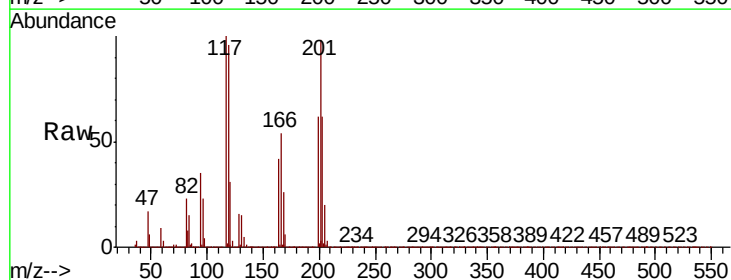


Abundance Ion 107.00 (106.70 to 107.70): E
1200000 Ion 108.00 (107.70 to 108.70): E
1000000 Ion 77.00 (76.70 to 77.70): BP0
800000 Ion 79.00 (78.70 to 79.70): BP0

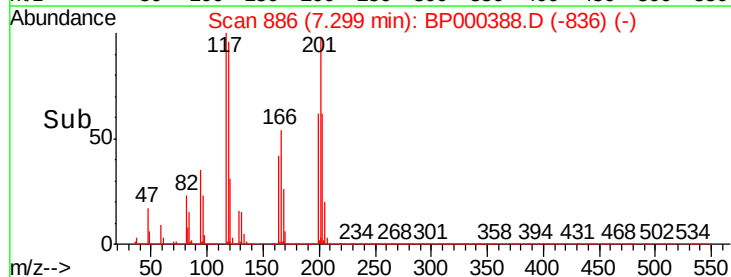
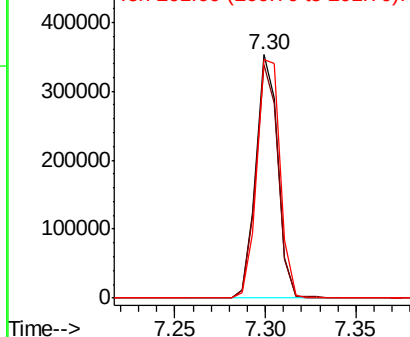


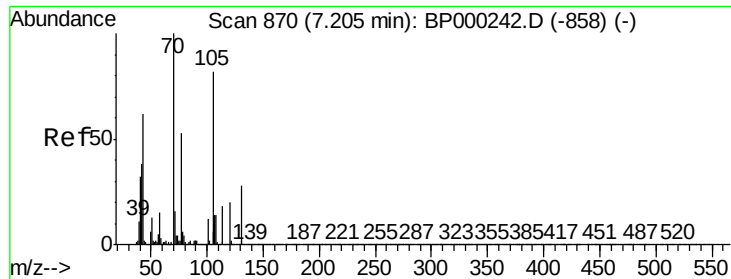
#18
Hexachloroethane
Concen: 43.321 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Tgt Ion:	117	Resp:	296514
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.6	113.4
201	97.9	79.4	119.2



Abundance Ion 117.00 (116.70 to 117.70): E
400000 Ion 119.00 (118.70 to 119.70): E
300000 Ion 201.00 (200.70 to 201.70): E

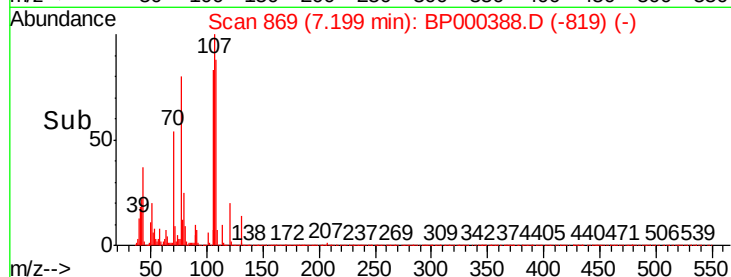
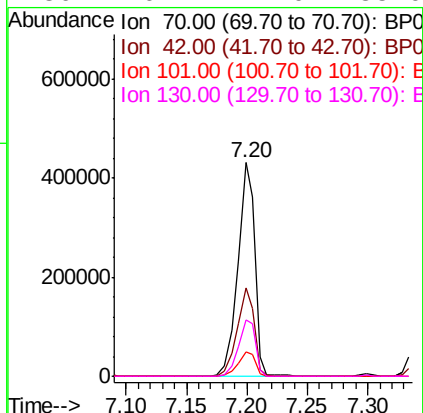
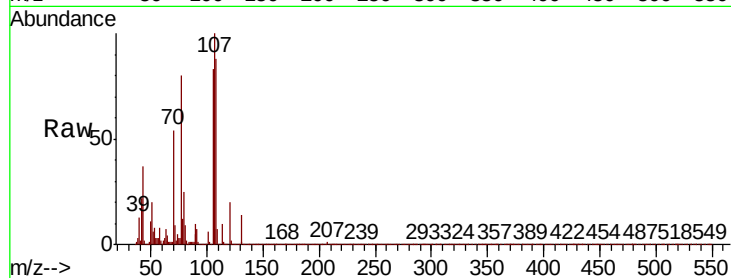




#19
n-Nitroso-di-n-propylamine
Concen: 45.017 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

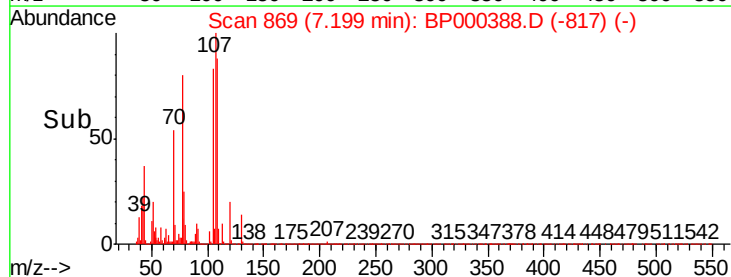
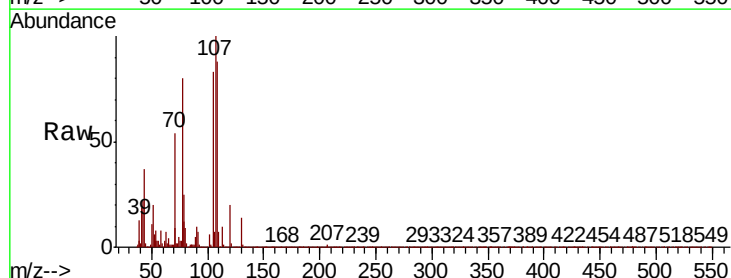
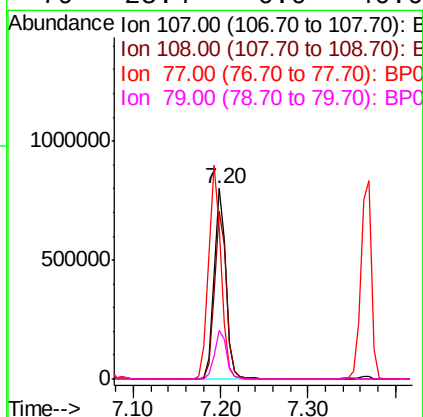
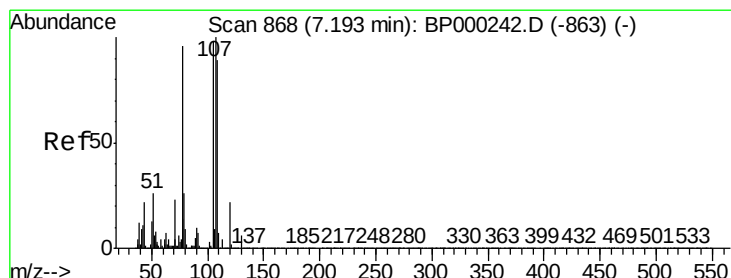
Instrument :
BNA_P
ClientSampleId :

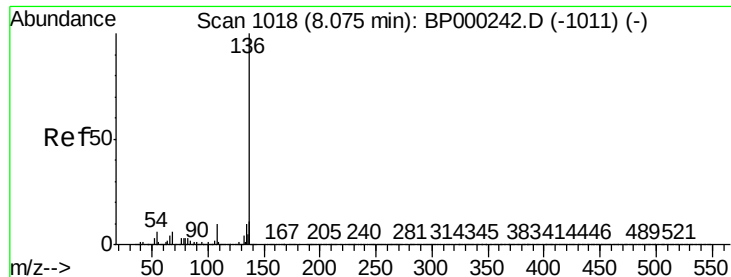
Tot Ion:	70	Resp:	419721
Ion	Ratio	Lower	Upper
70	100		
42	41.3	30.7	46.1
101	11.7	9.6	14.4
130	26.1	22.0	33.0



#20
3+4-Methylphenols
Concen: 46.845 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Tgt Ion:	107	Resp:	751610
Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.8	108.8
77	80.0	75.7	115.7
79	25.4	6.0	46.0

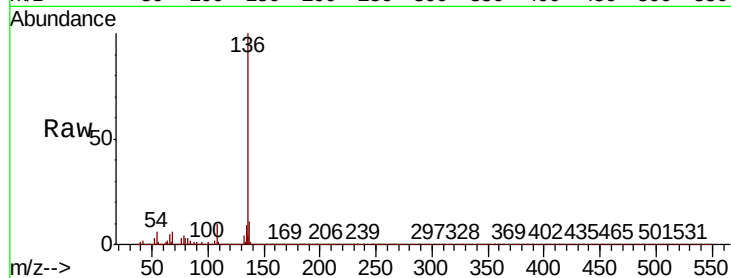




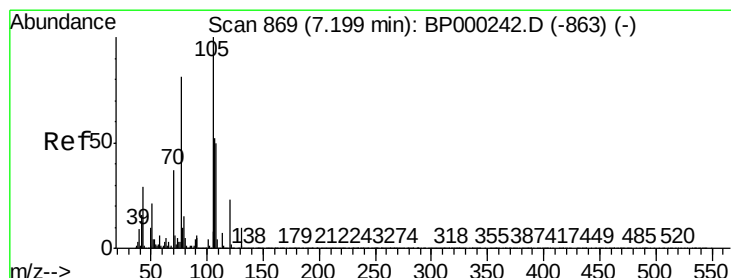
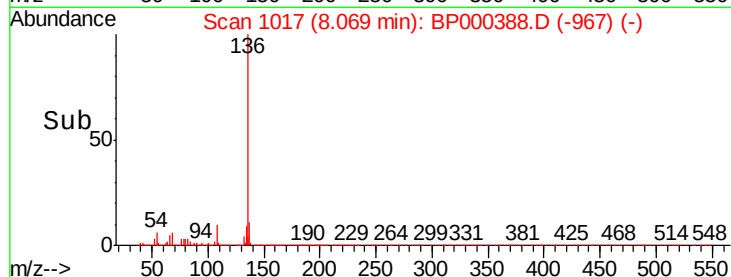
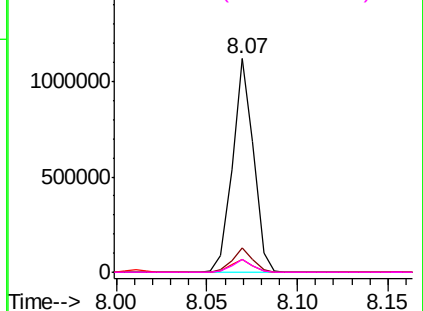
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	897362
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.6 13.0
54	5.8	4.5 6.7
68	6.0	4.5 6.7

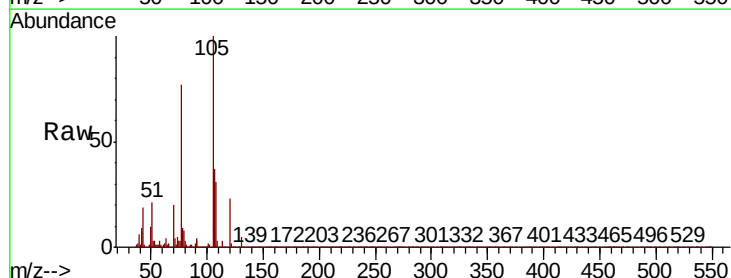


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

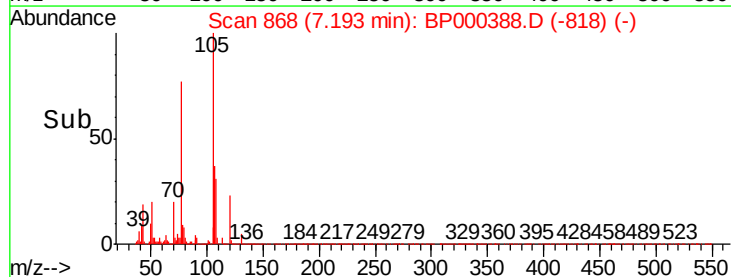
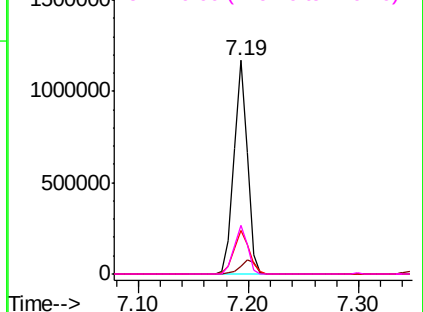


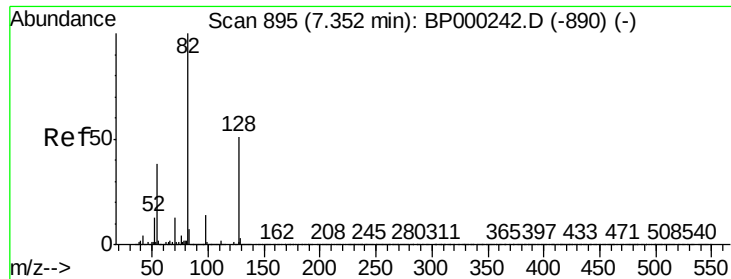
#22
Acetophenone
Concen: 51.555 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Tgt Ion:105	Resp:	1002573
Ion	Ratio	Lower Upper
105	100	
71	3.5	5.2 7.8#
51	20.5	16.6 24.8
120	23.0	18.5 27.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BP0
Ion 51.00 (50.70 to 51.70): BP0
Ion 120.00 (119.70 to 120.70): E

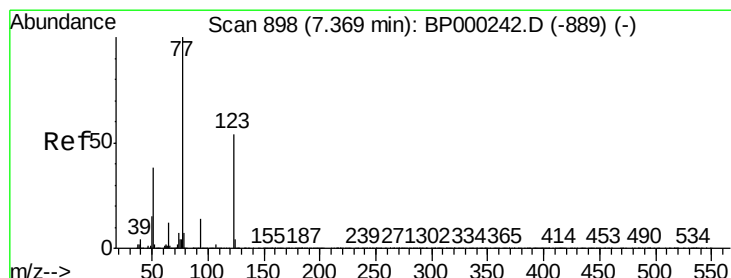
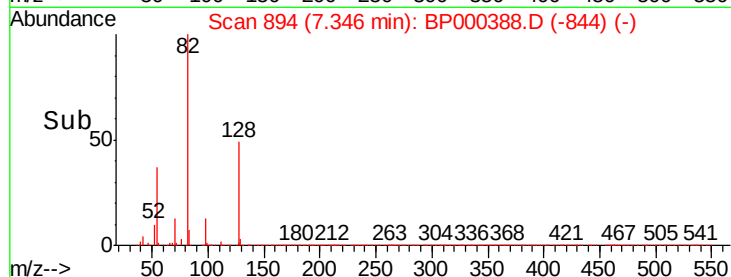
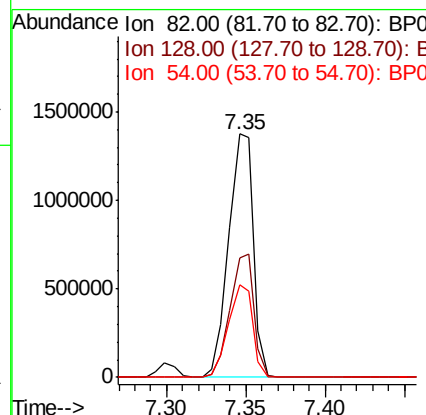
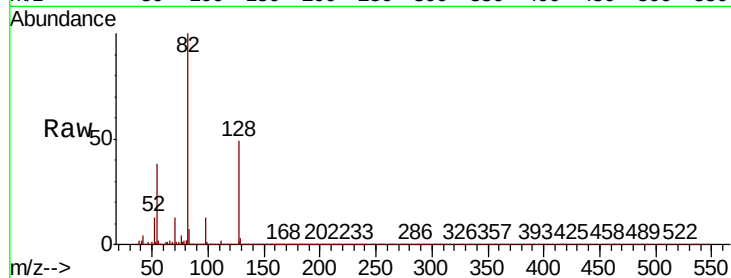




#23
 Nitrobenzene-d5
 Concen: 106.616 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BP000388.D
 Acq: 24 Sep 2019 16:59

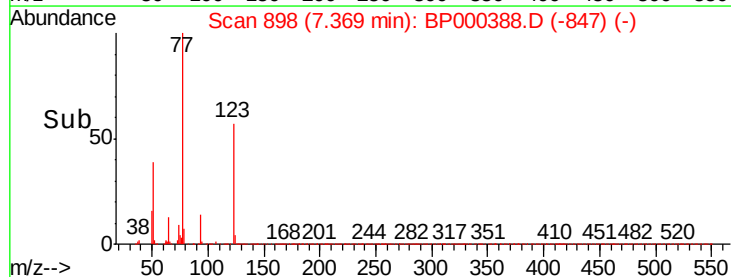
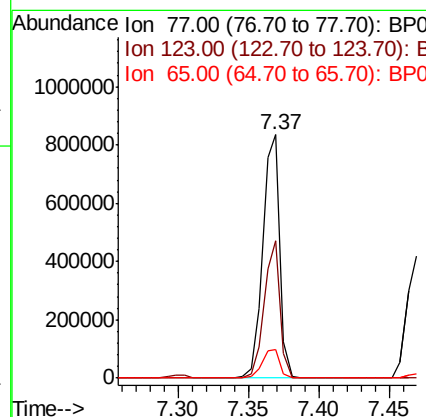
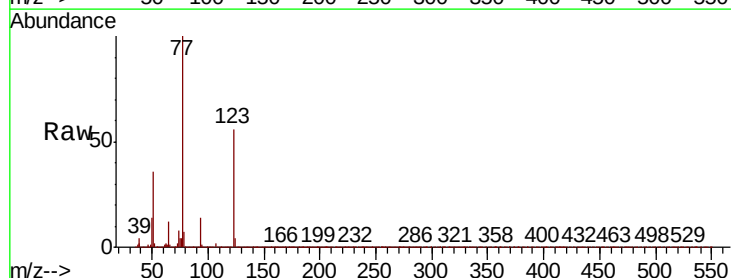
Instrument :
 BNA_P
 ClientSampleId :

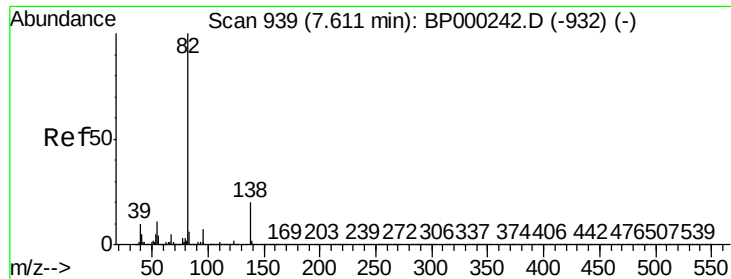
Tot Ion: 82 Resp: 1482862
 Ion Ratio Lower Upper
 82 100
 128 48.8 40.7 61.1
 54 38.2 30.1 45.1



#24
 Nitrobenzene
 Concen: 48.957 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BP000388.D
 Acq: 24 Sep 2019 16:59

Tgt Ion: 77 Resp: 707240
 Ion Ratio Lower Upper
 77 100
 123 56.3 43.1 64.7
 65 11.9 9.4 14.2





#25

Isophorone

Concen: 48.252 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

Instrument :

BNA_P

ClientSampleId :

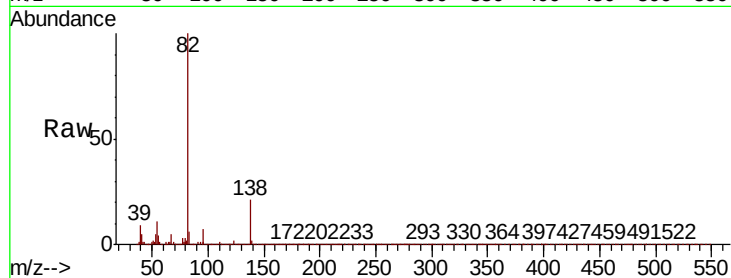
Tot Ion: 82 Resp: 1328898

Ion Ratio Lower Upper

82 100

95 7.4 5.9 8.9

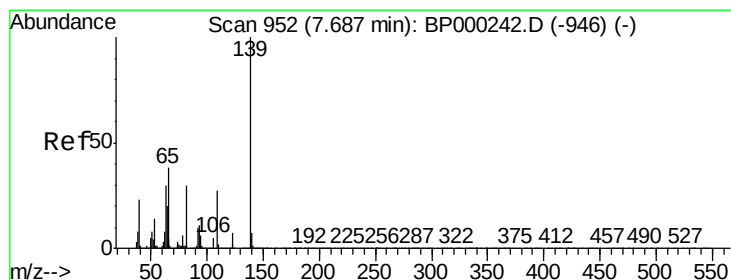
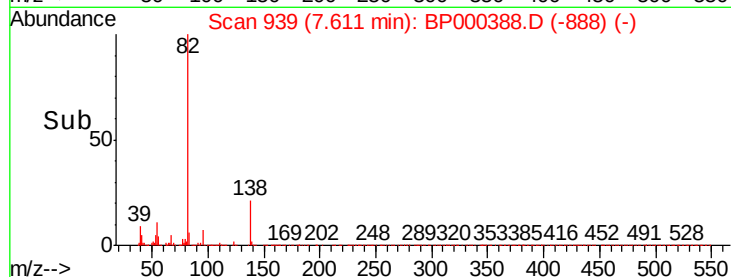
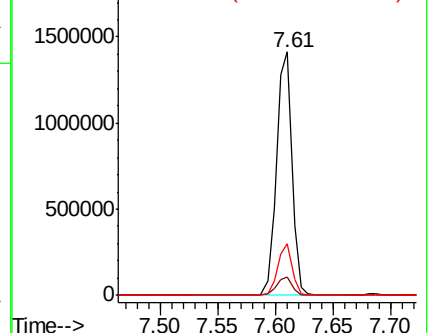
138 21.0 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 52.167 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.00 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

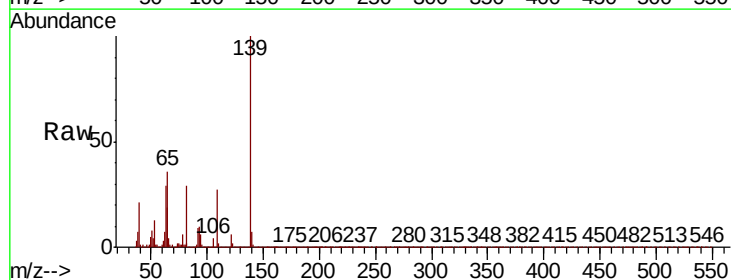
Tgt Ion: 139 Resp: 399527

Ion Ratio Lower Upper

139 100

109 27.1 21.8 32.6

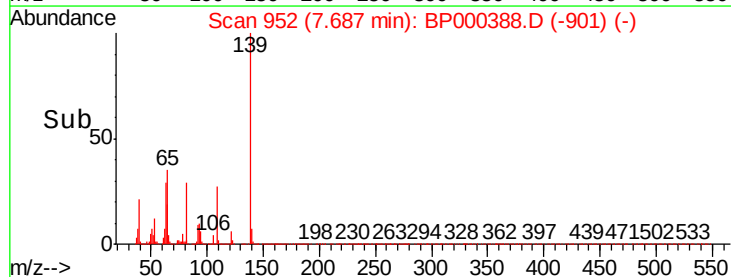
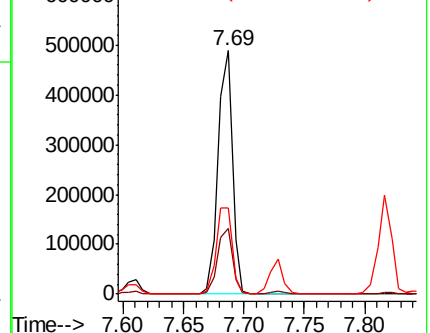
65 35.6 30.5 45.7

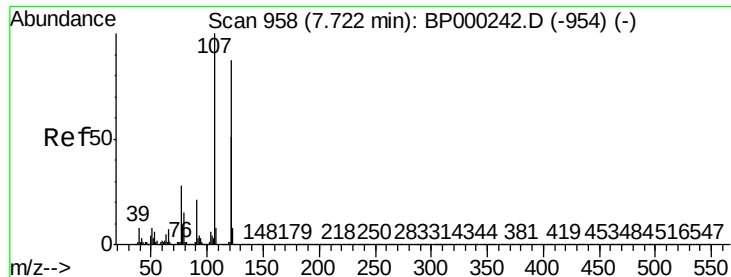


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0





#27

2,4-Dimethylphenol

Concen: 53.528 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.01 min

Lab File: BP000388.D

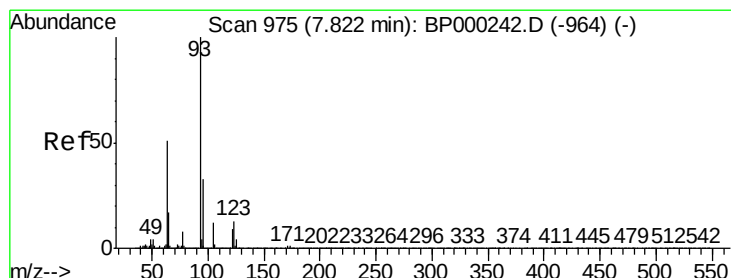
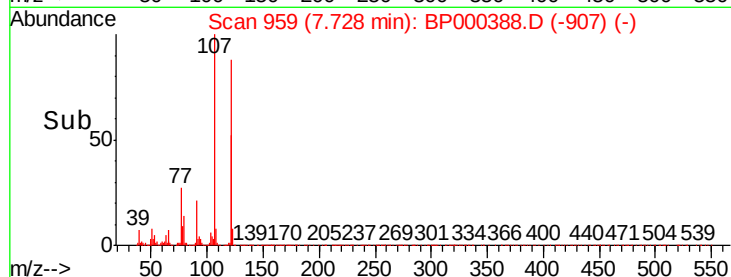
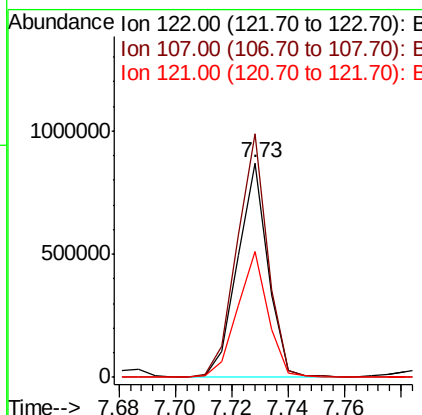
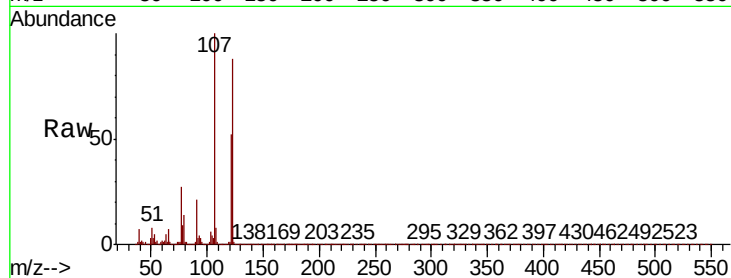
Acq: 24 Sep 2019 16:59

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	122	Resp:	653005
Ion	Ratio	Lower	Upper
122	100		
107	113.6	91.5	137.3
121	58.9	46.9	70.3



#28

bis(2-Chloroethoxy)methane

Concen: 47.360 ng

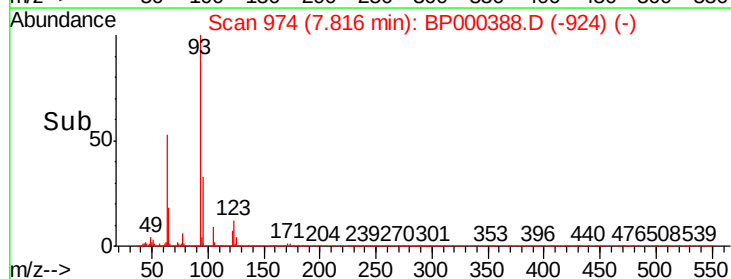
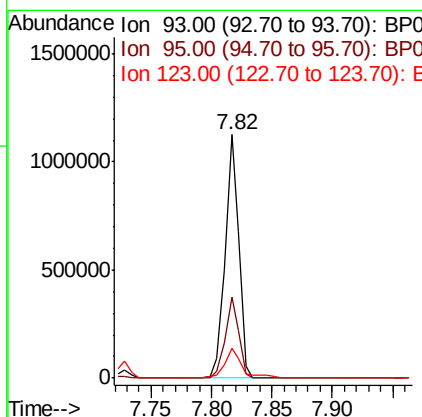
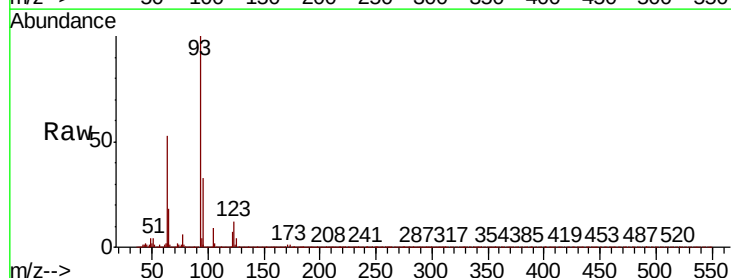
RT: 7.82 min Scan# 974

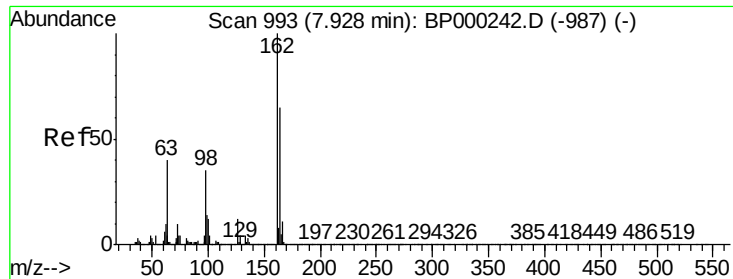
Delta R.T. -0.01 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

Tgt Ion:	93	Resp:	867511
Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.2	39.4
123	12.4	10.2	15.2

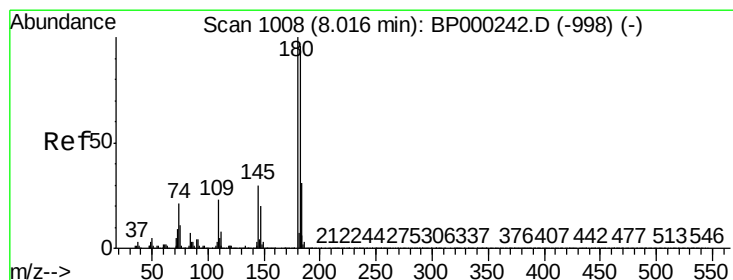
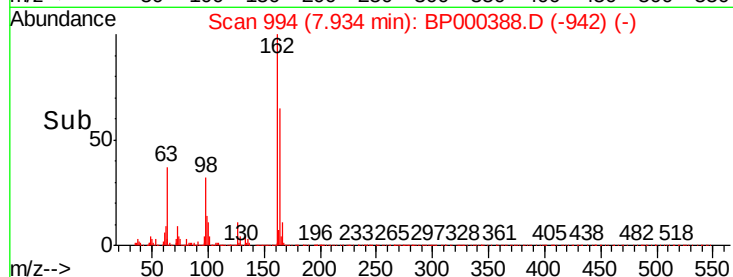
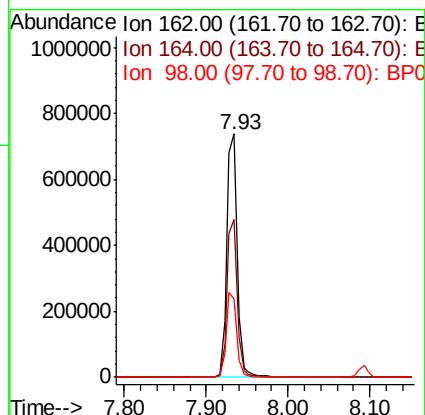
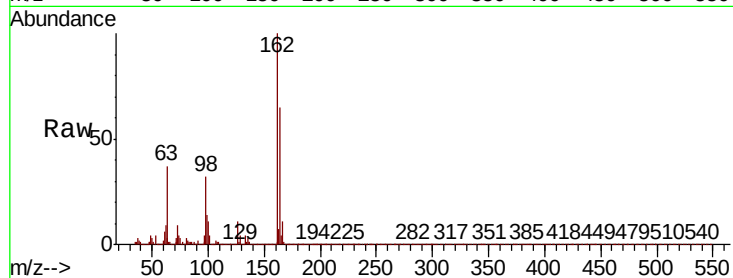




#29
2,4-Dichlorophenol
Concen: 50.320 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

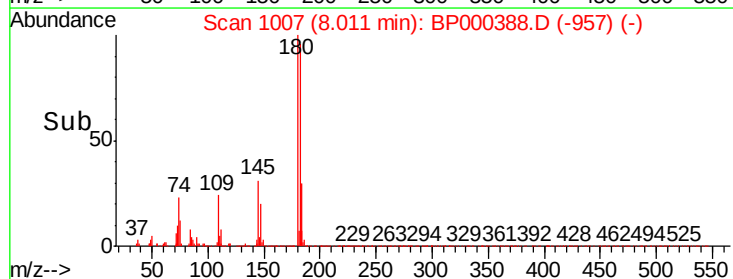
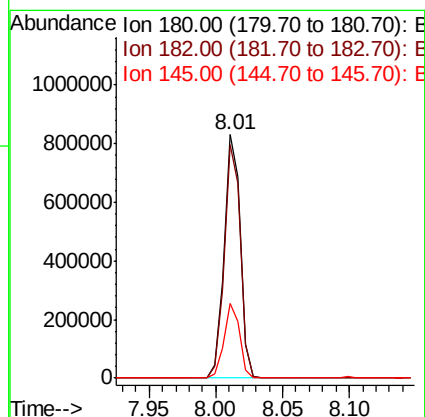
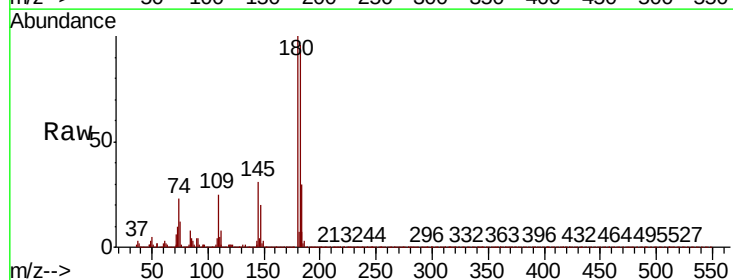
Instrument :
BNA_P
ClientSampleId :

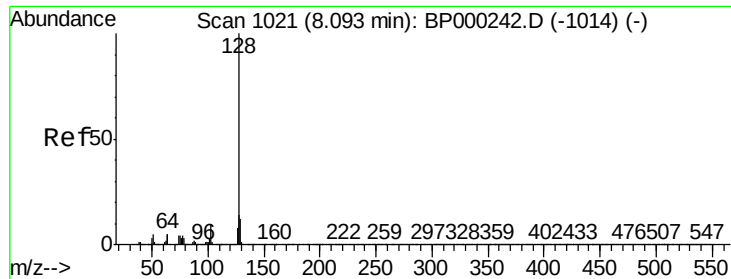
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.5	84.5
98	32.0	15.2	55.2



#30
1,2,4-Trichlorobenzene
Concen: 47.476 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.2	115.8
145	30.8	24.3	36.5

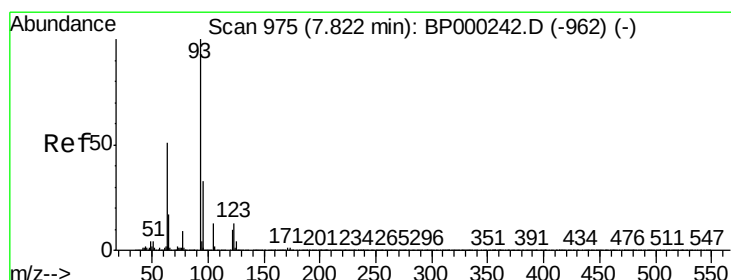
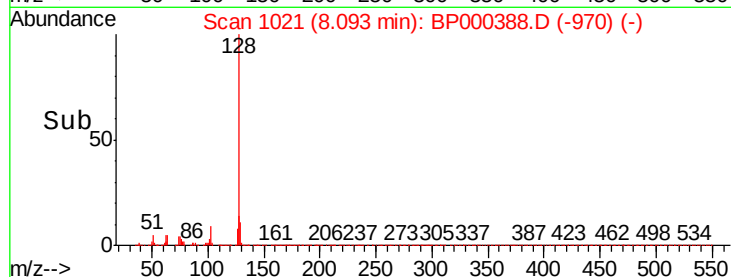
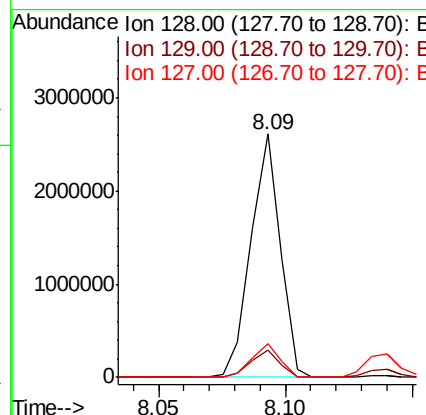
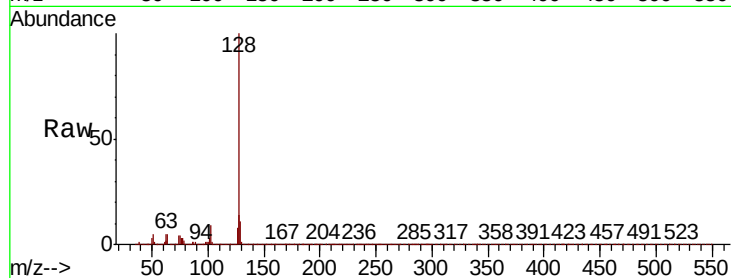




#31
Naphthalene
Concen: 50.693 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

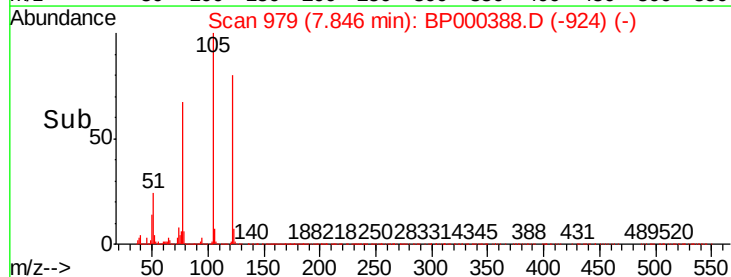
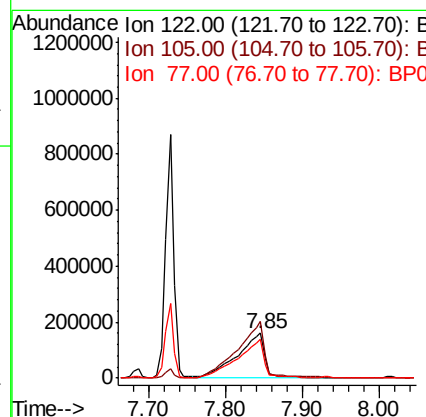
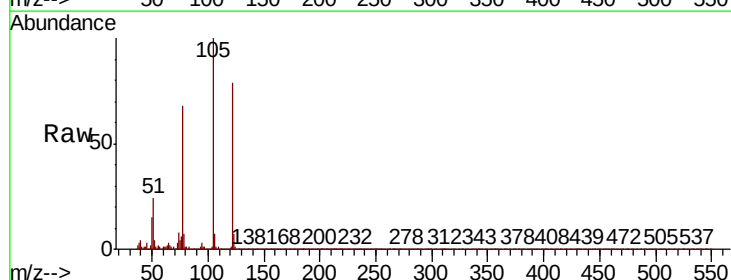
Instrument :
BNA_P
ClientSampleId :

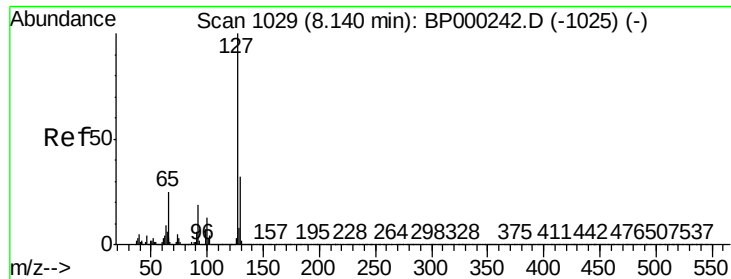
Tot Ion:128 Resp: 2106812
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.8 11.0 16.6



#32
Benzoic acid
Concen: 48.882 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.02 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Tgt Ion:122 Resp: 402634
Ion Ratio Lower Upper
122 100
105 125.8 105.4 145.4
77 85.1 65.3 105.3

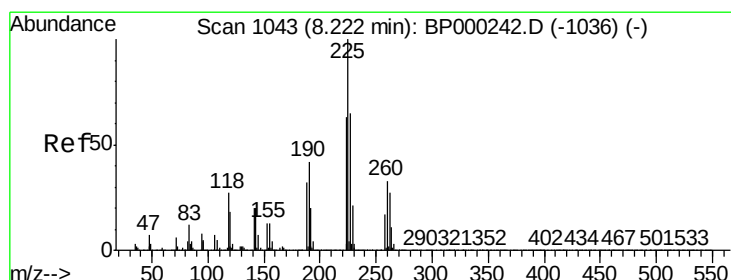
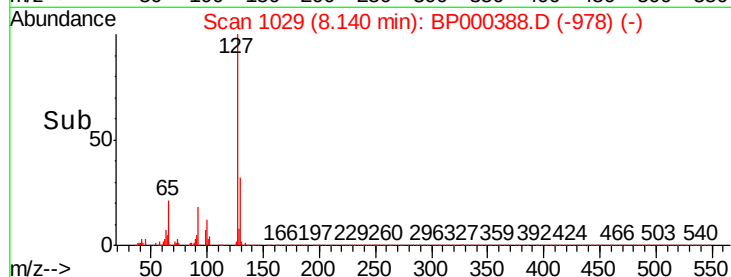
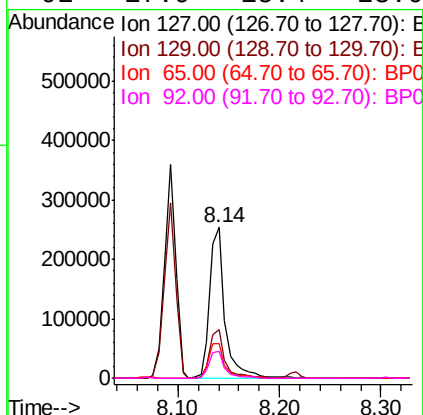
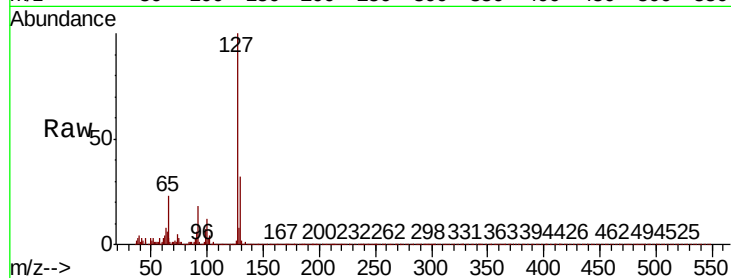




#33
4-Chloroaniline
Concen: 13.997 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

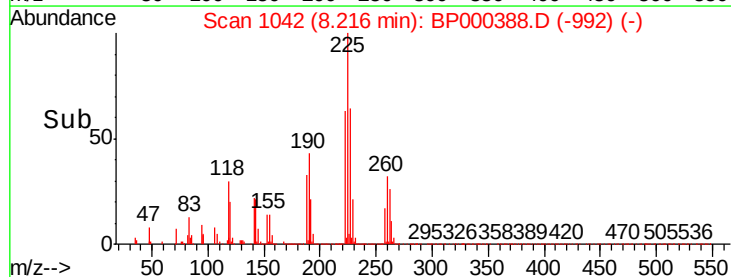
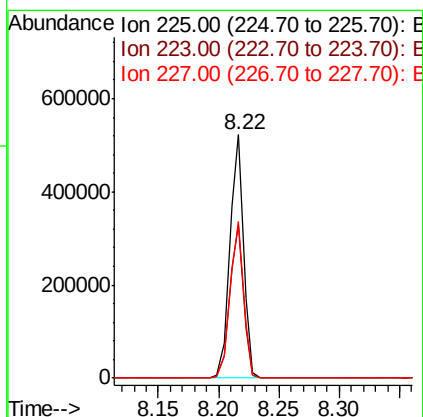
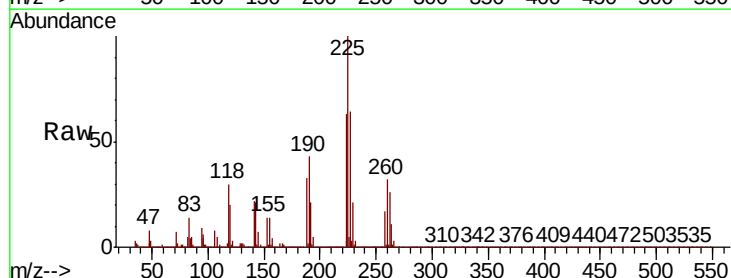
Instrument :
BNA_P
ClientSampled :

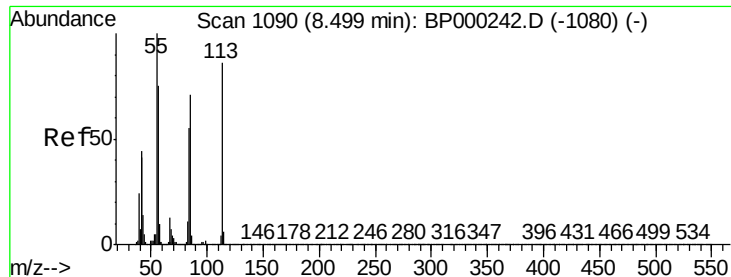
Tot Ion:	127	Resp:	263255
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.7	38.5
65	23.2	19.9	29.9
92	17.9	15.4	23.0



#34
Hexachlorobutadiene
Concen: 46.125 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Tgt Ion:	225	Resp:	409569
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.2
227	64.5	51.8	77.6





#35

Caprolactam

Concen: 26.942 ng

RT: 8.50 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

Instrument :

BNA_P

ClientSampleId :

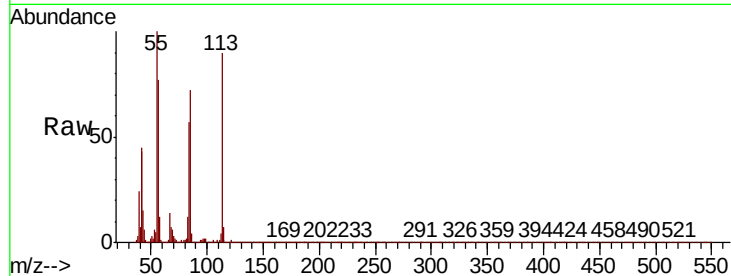
Tot Ion:113 Resp: 119829

Ion Ratio Lower Upper

113 100

55 111.3 96.8 136.8

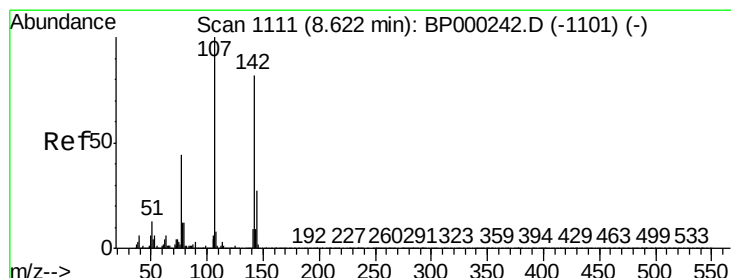
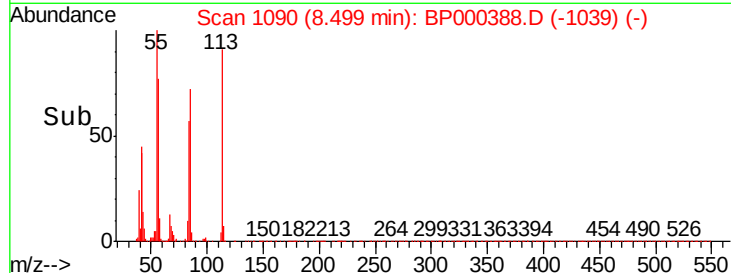
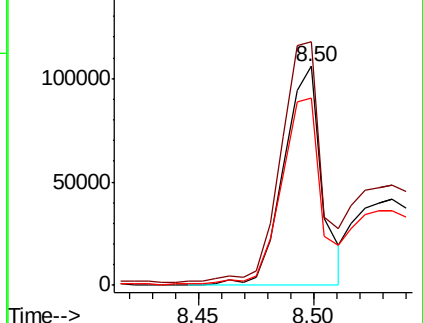
56 85.5 67.5 107.5



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: 50.164 ng

RT: 8.63 min Scan# 1113

Delta R.T. 0.01 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

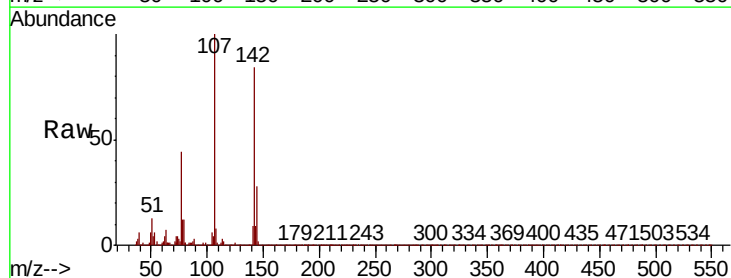
Tgt Ion:107 Resp: 665820

Ion Ratio Lower Upper

107 100

144 27.7 21.5 32.3

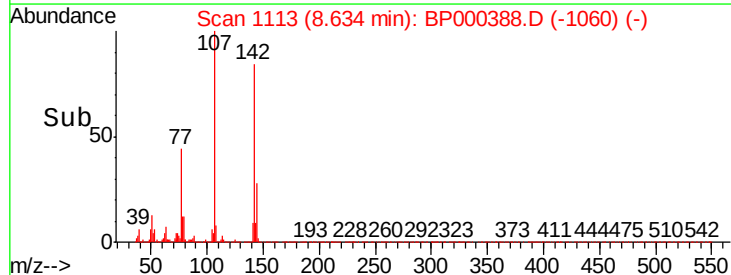
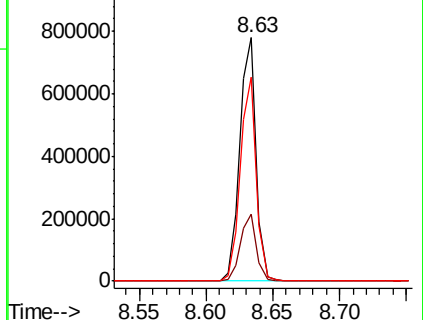
142 83.7 65.7 98.5

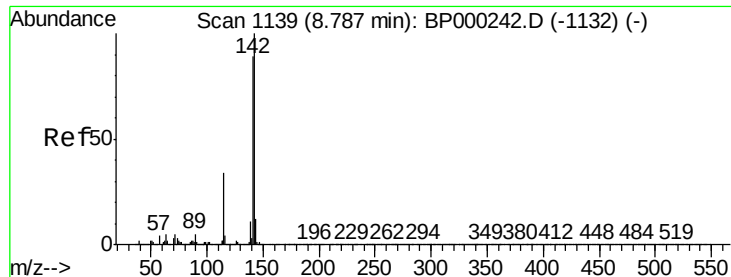


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



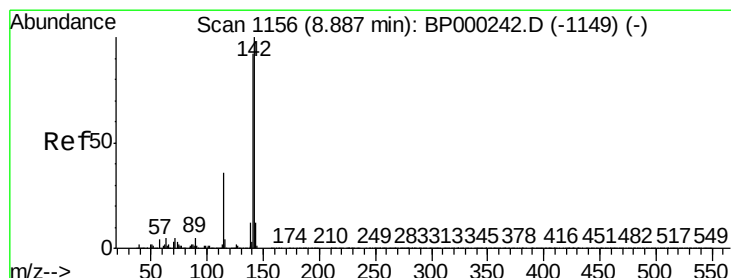
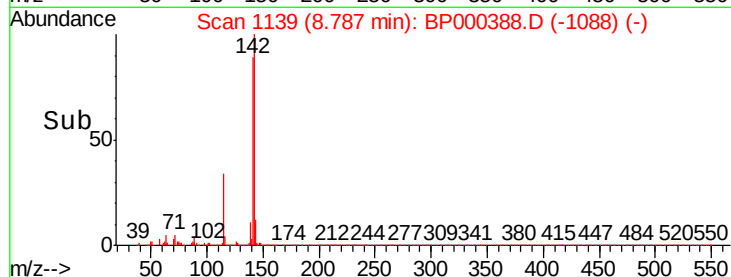
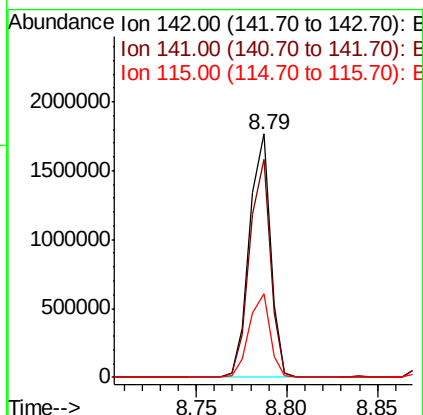
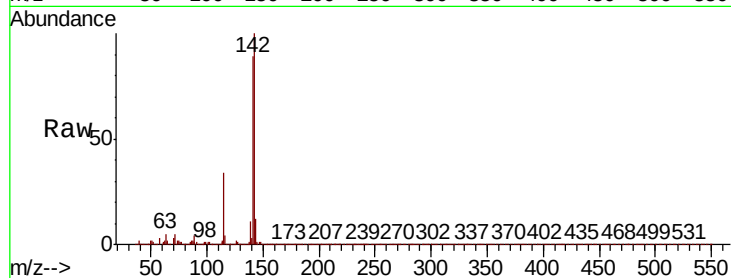


#37
 2-Methylnaphthalene
 Concen: 50.562 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BP000388.D
 Acq: 24 Sep 2019 16:59

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:142 Resp: 1436485

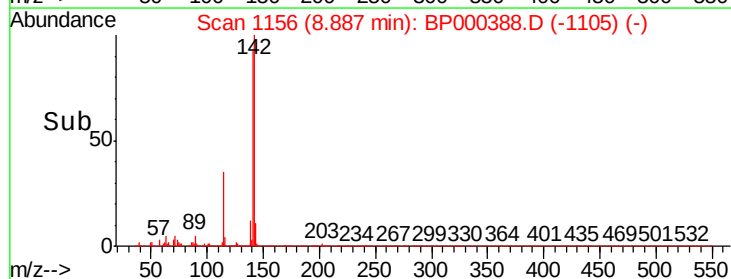
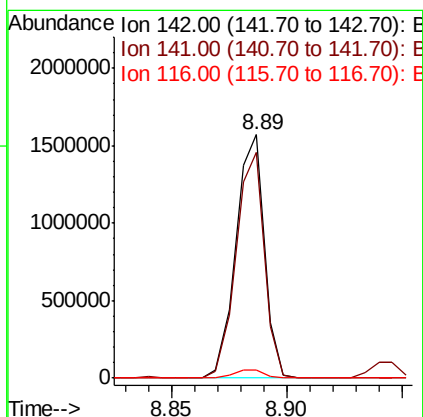
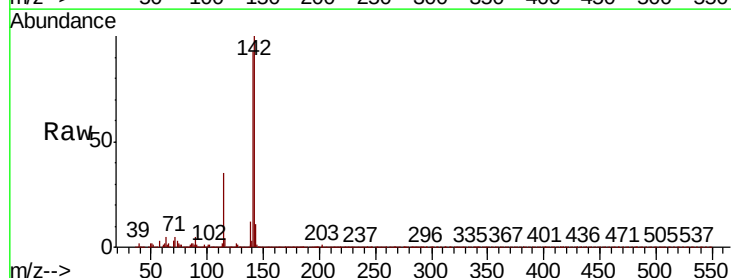
Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.3	106.9
115	34.1	27.2	40.8

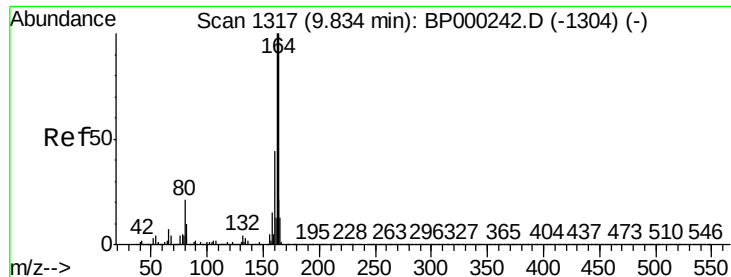


#38
 1-Methylnaphthalene
 Concen: 50.596 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BP000388.D
 Acq: 24 Sep 2019 16:59

Tgt Ion:142 Resp: 1346542

Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.9	110.9
116	3.5	3.0	4.6

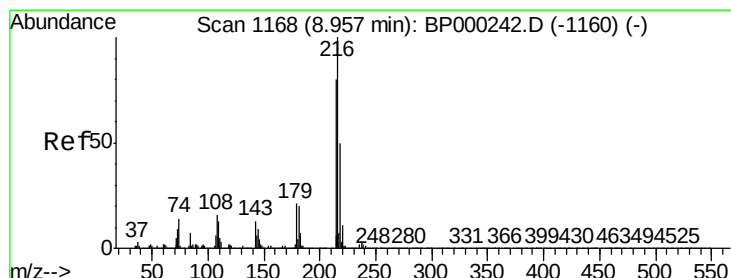
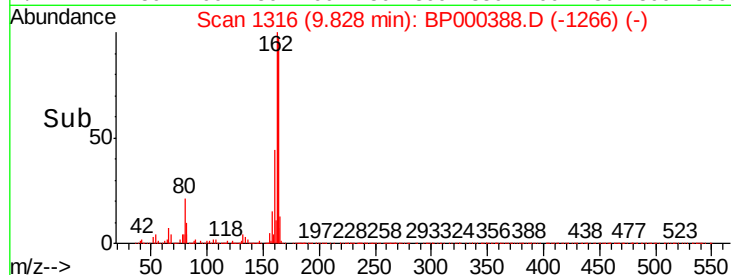
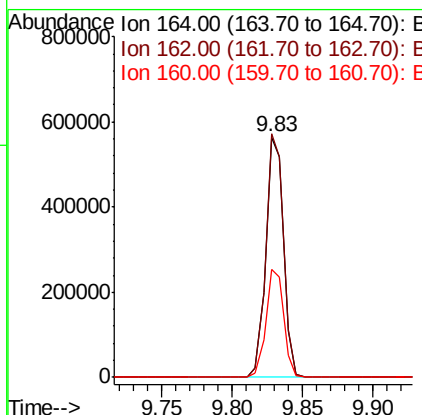
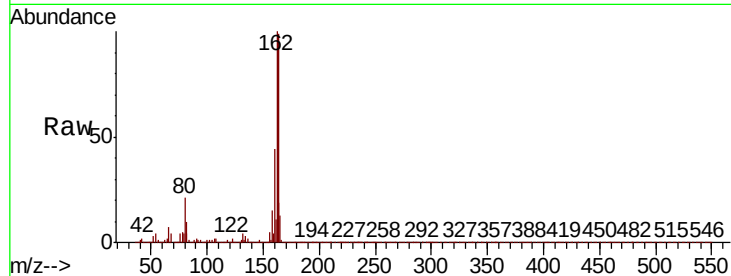




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

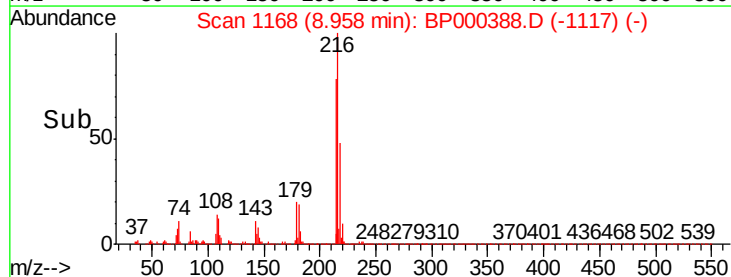
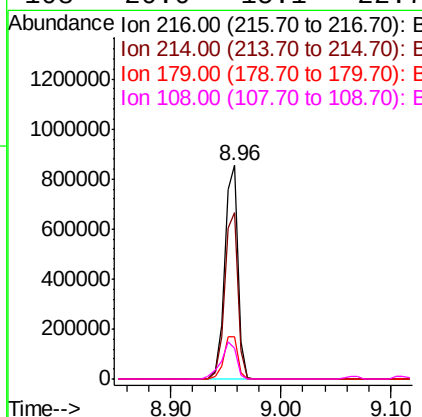
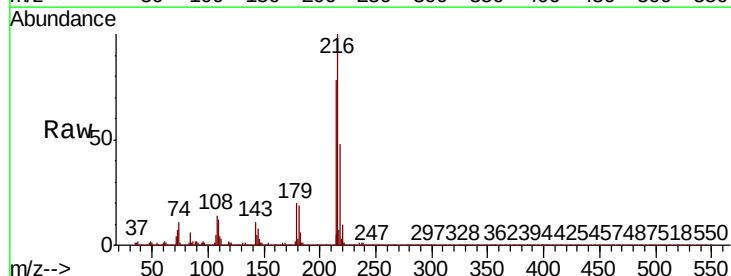
Instrument :
BNA_P
ClientSampleId :

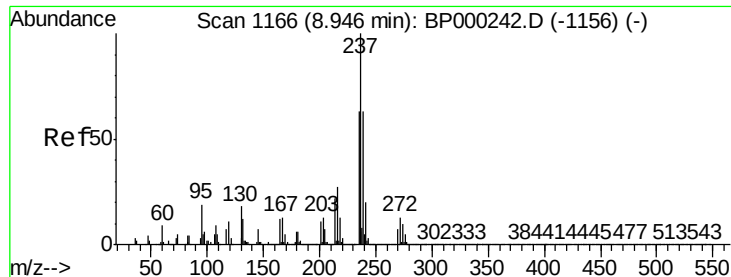
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	79.9	119.9
160	44.9	35.6	53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.573 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.6	95.4
179	21.0	17.0	25.4
108	20.0	15.1	22.7

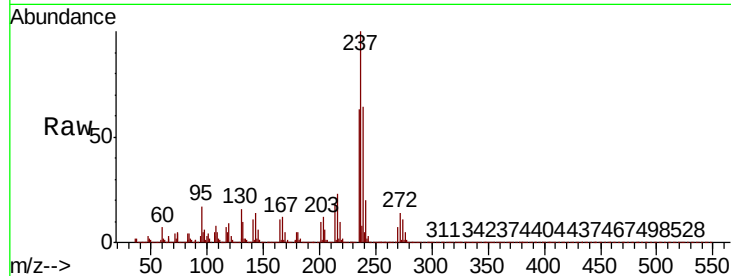




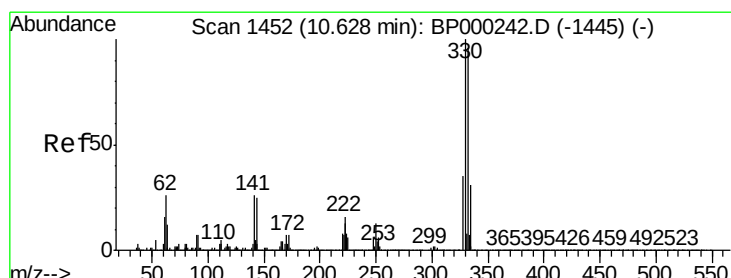
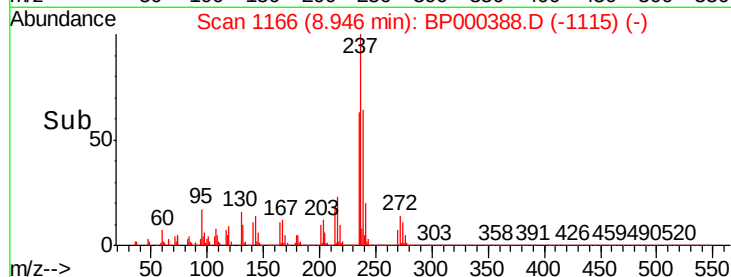
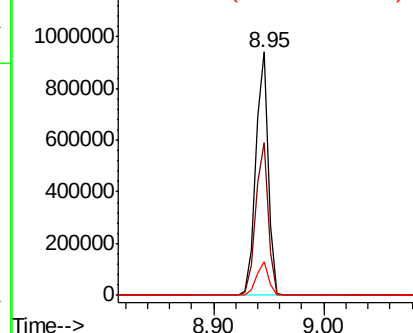
#41
Hexachlorocyclopentadiene
Concen: 89.857 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Instrument :
BNA_P
ClientSampleId :

Tot Ion:237 Resp: 740674
Ion Ratio Lower Upper
237 100
235 62.9 43.5 83.5
272 13.6 0.0 33.0

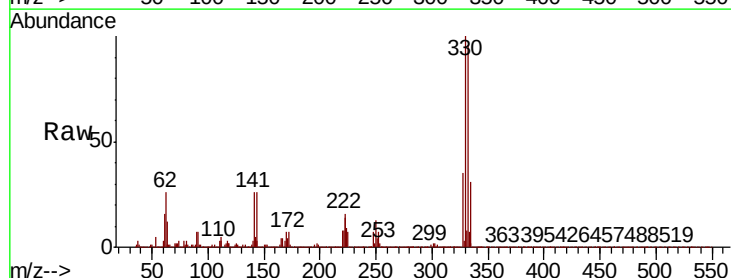


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

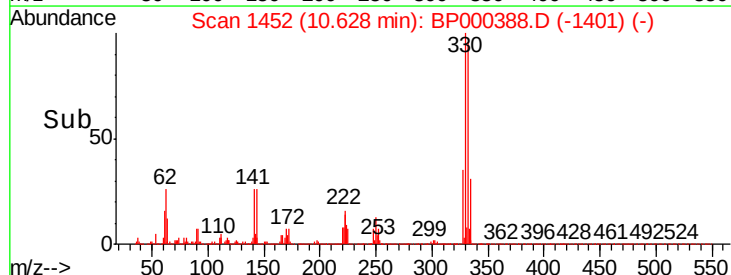
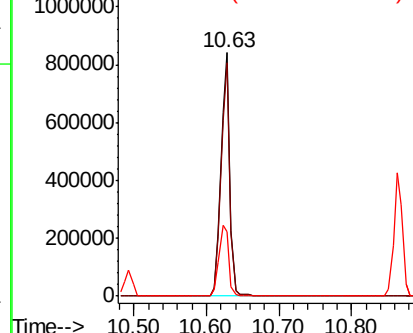


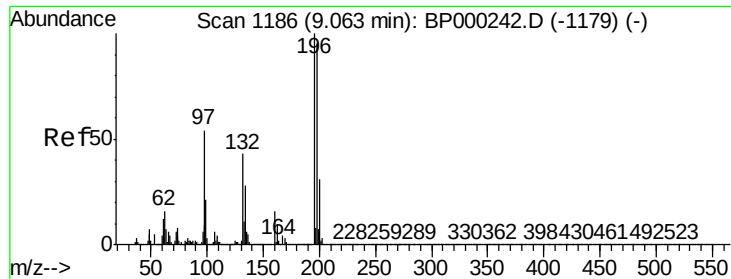
#42
2,4,6-Tribromophenol
Concen: 142.618 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Tgt Ion:330 Resp: 710188
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 32.6 26.5 39.7



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

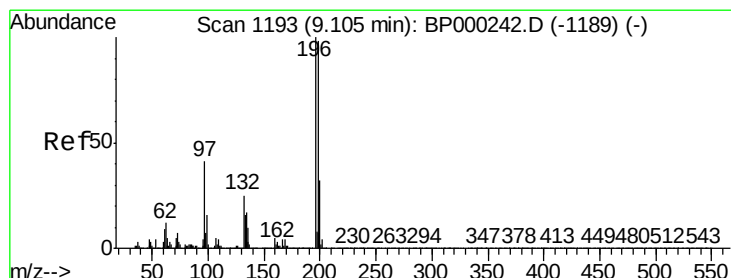
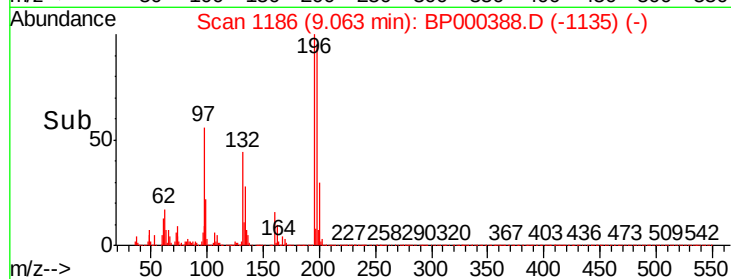
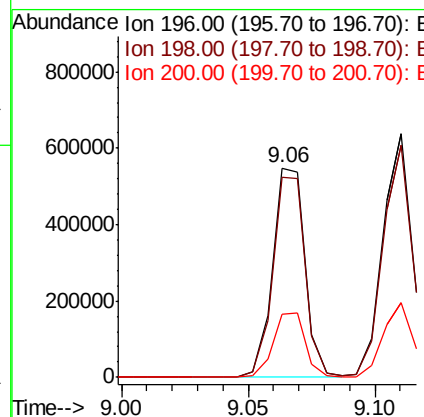
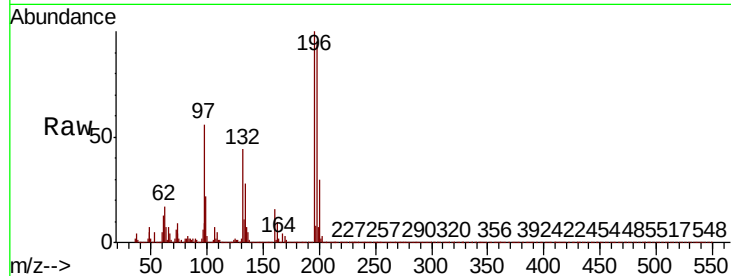




#43
 2,4,6-Trichlorophenol
 Concen: 49.298 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BP000388.D
 Acq: 24 Sep 2019 16:59

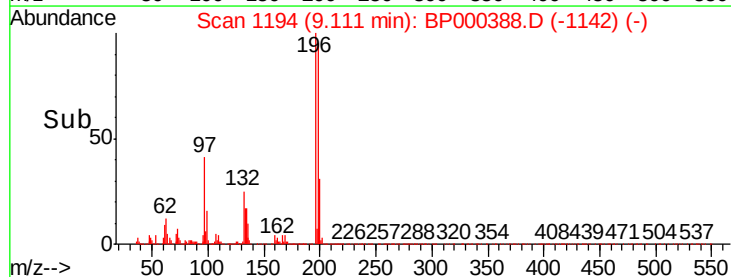
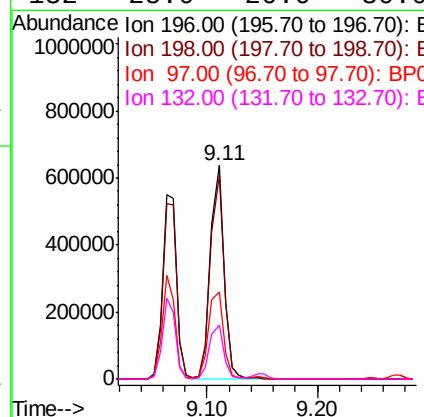
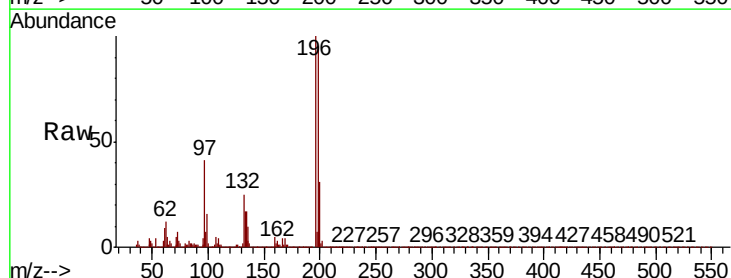
Instrument :
 BNA_P
 ClientSampleId :

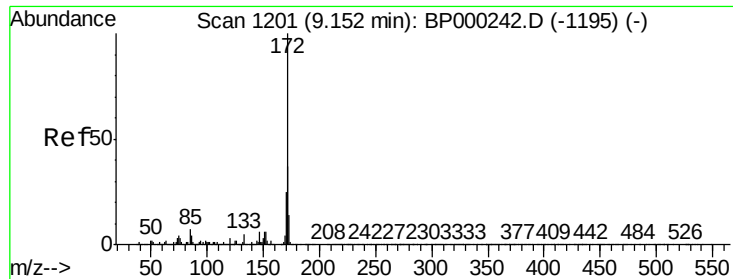
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.0	114.0
200	30.3	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 52.044 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BP000388.D
 Acq: 24 Sep 2019 16:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	78.1	117.1
97	40.8	33.3	49.9
132	25.0	20.0	30.0

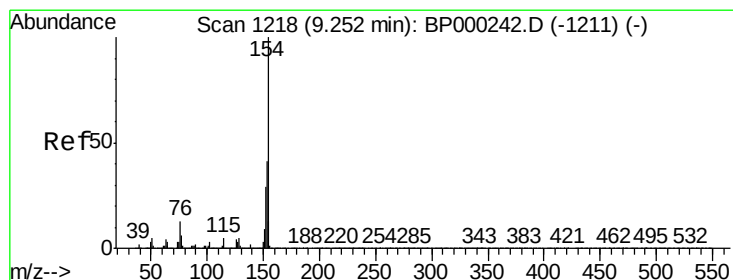
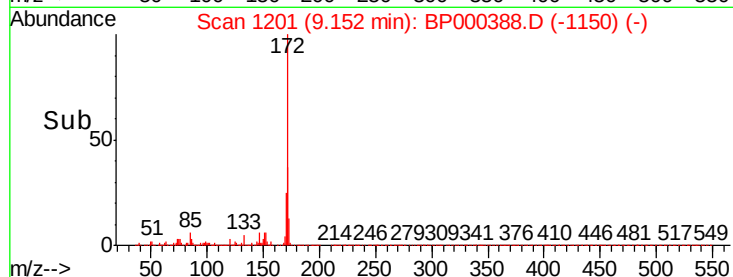
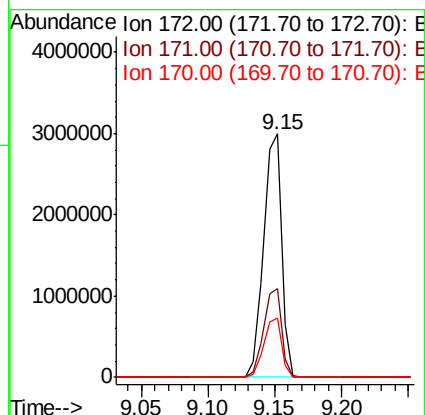
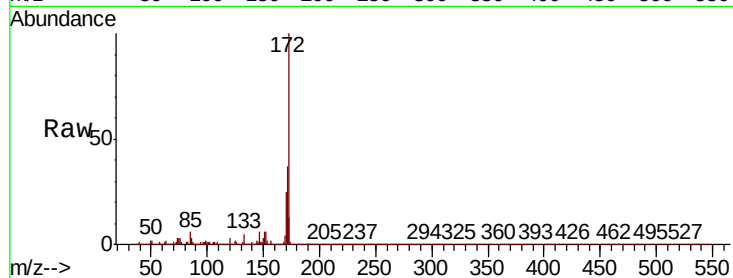




#45
2-Fluorobiphenyl
Concen: 99.178 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

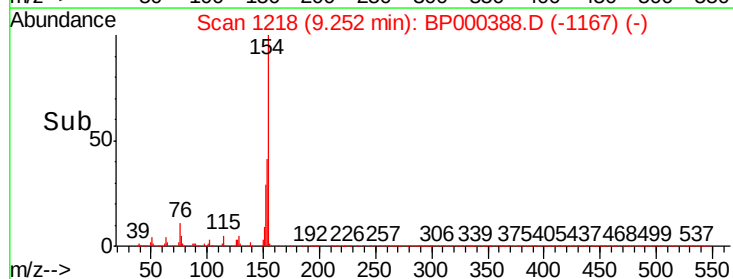
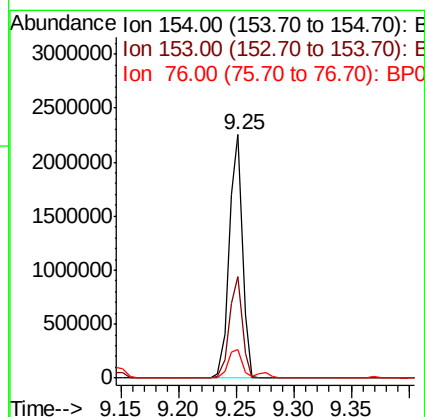
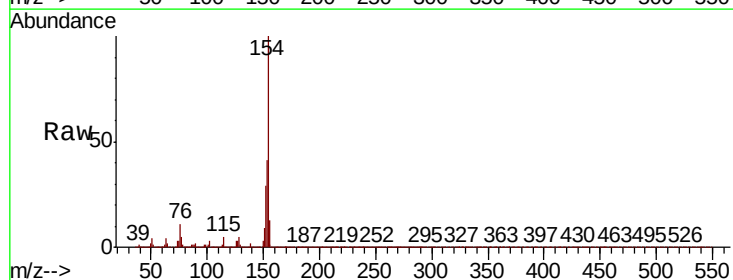
Instrument :
BNA_P
ClientSampleId :

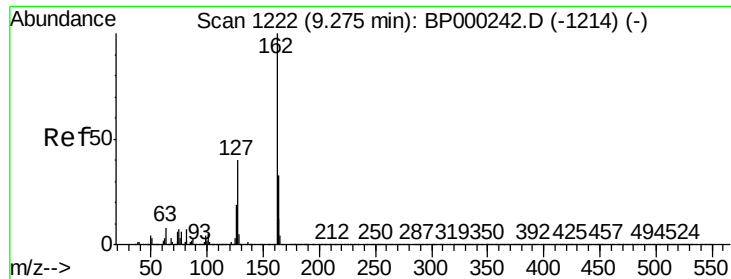
Tot Ion:172 Resp: 2766535
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 24.5 19.8 29.6



#46
1,1'-Biphenyl
Concen: 50.877 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Tgt Ion:154 Resp: 1767011
Ion Ratio Lower Upper
154 100
153 41.5 21.4 61.4
76 11.5 0.0 33.4

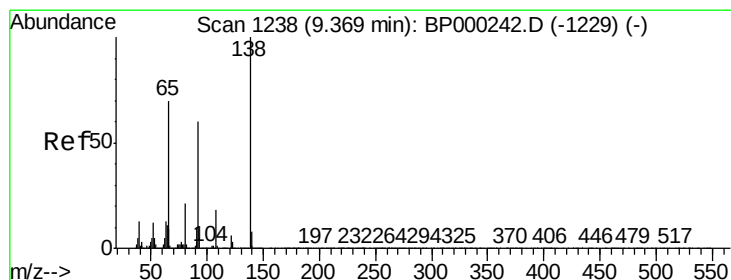
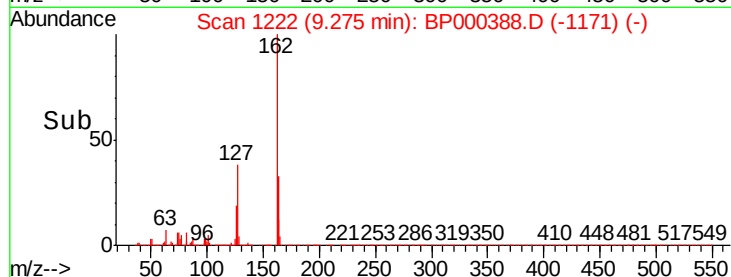
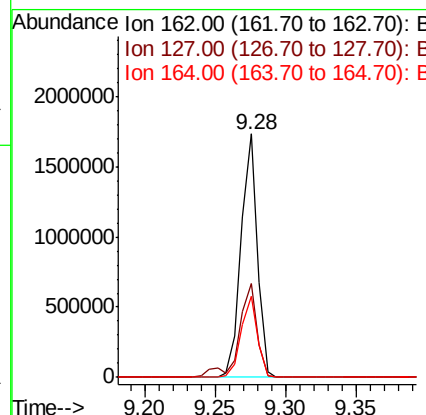
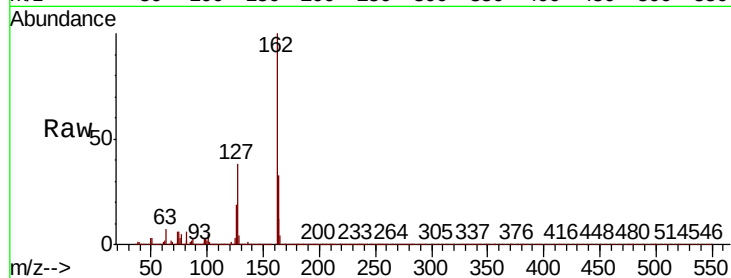




#47
2-Chloronaphthalene
Concen: 47.546 ng
RT: 9.28 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

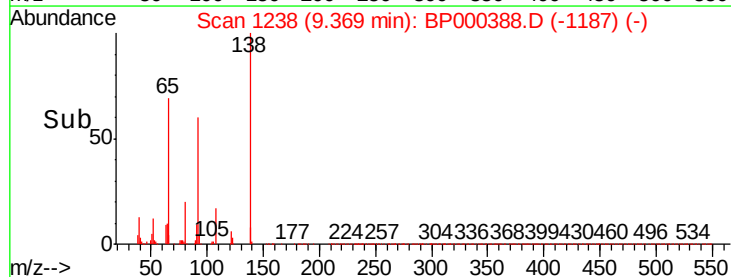
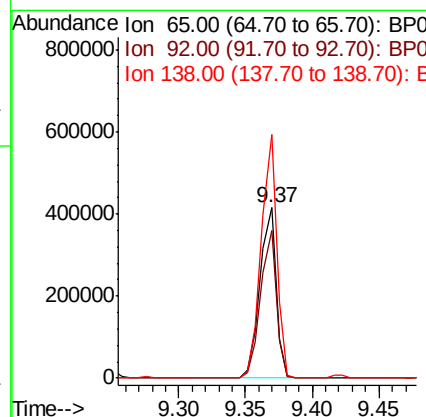
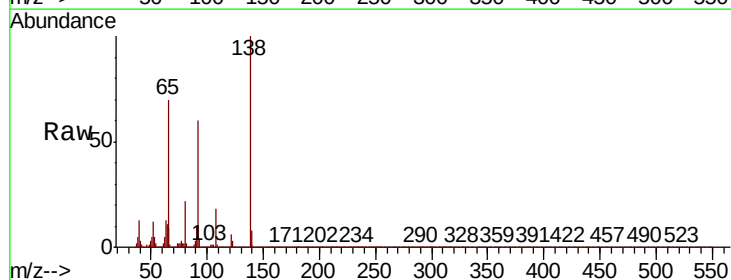
Instrument :
BNA_P
ClientSampleId :

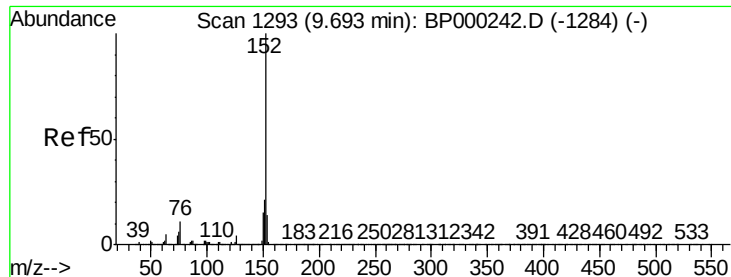
Tot Ion: 162 Resp: 1385207
Ion Ratio Lower Upper
162 100
127 38.5 32.4 48.6
164 33.5 26.3 39.5



#48
2-Nitroaniline
Concen: 46.273 ng
RT: 9.37 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Tgt Ion: 65 Resp: 342357
Ion Ratio Lower Upper
65 100
92 86.3 68.7 103.1
138 142.9 114.4 171.6





#49

Acenaphthylene

Concen: 50.013 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

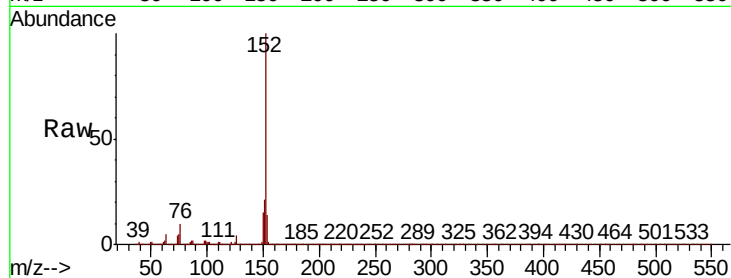
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 2190288

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.4	24.6
153	13.6	11.0	16.4

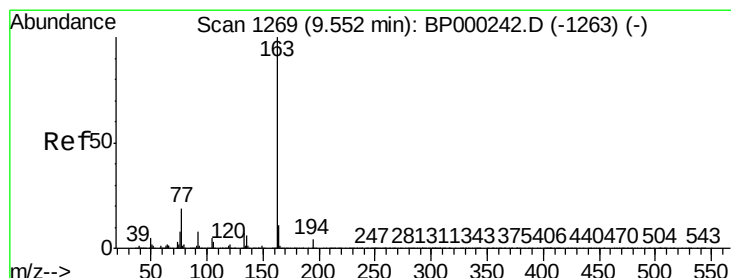
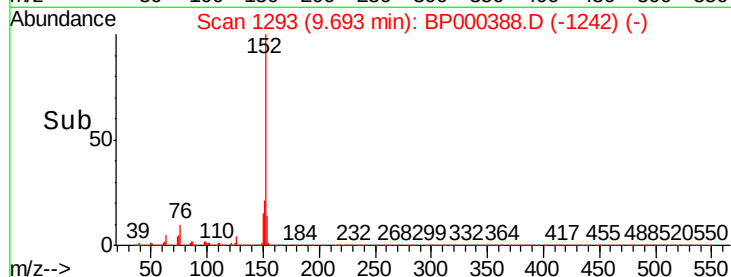
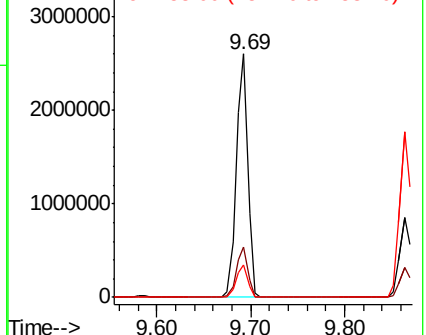


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 59.747 ng

RT: 9.55 min Scan# 1269

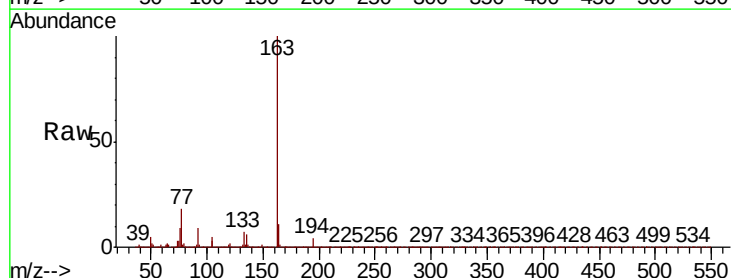
Delta R.T. 0.00 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

Tgt Ion:163 Resp: 2043673

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.6	8.5	12.7

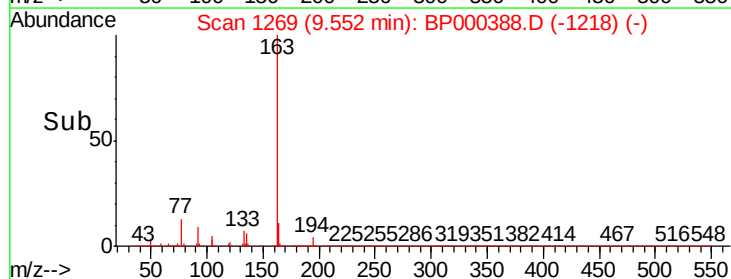
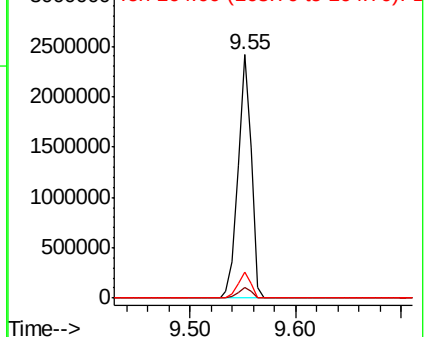


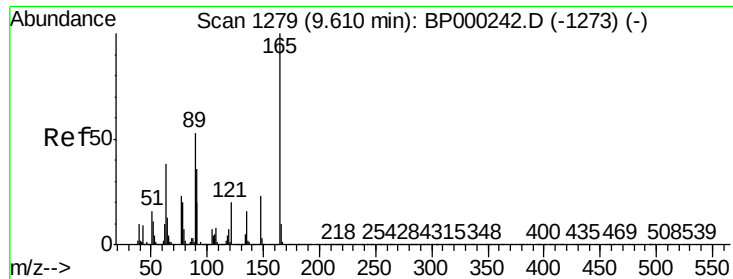
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

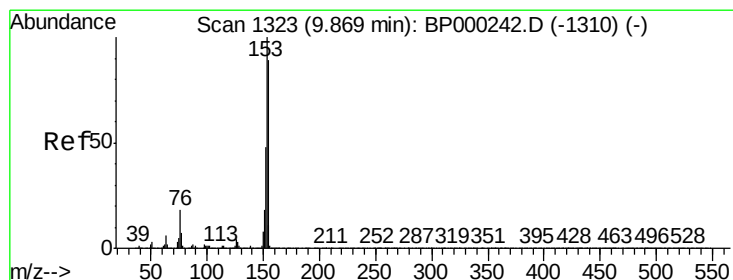
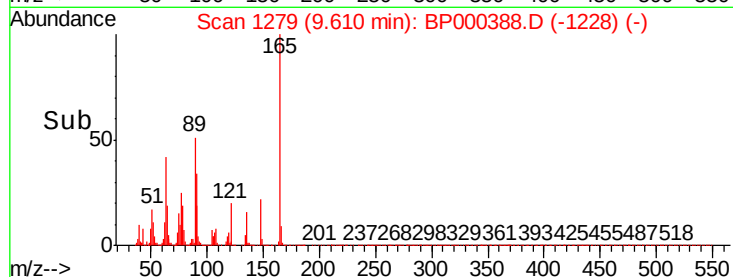
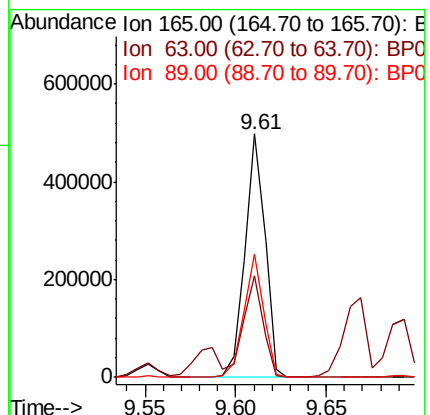
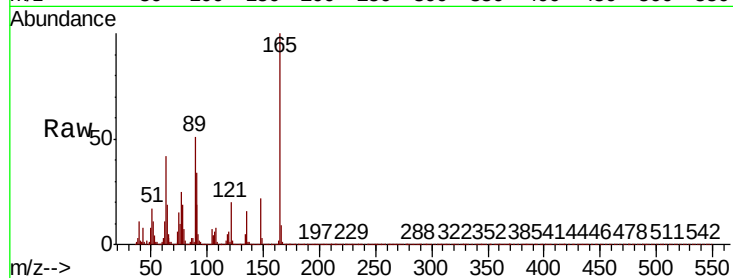




#51
2,6-Dinitrotoluene
Concen: 50.675 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

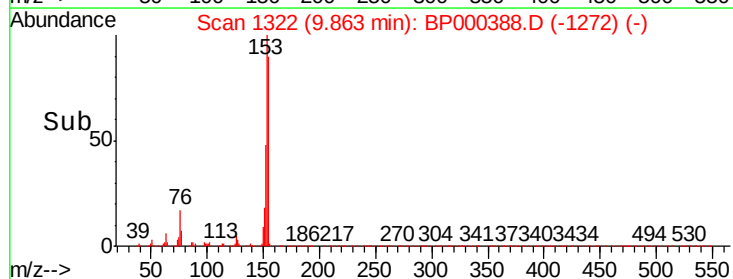
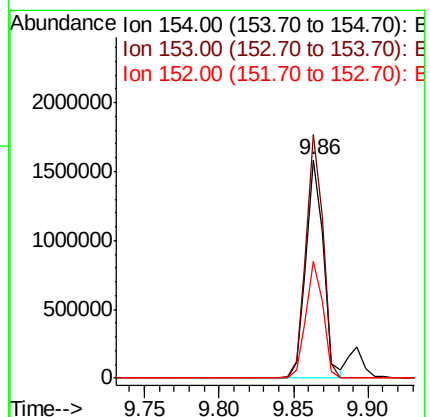
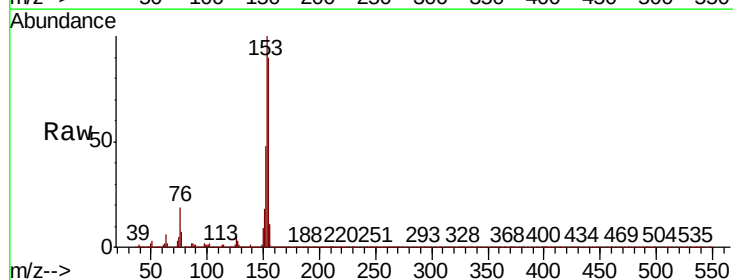
Instrument :
BNA_P
ClientSampleId :

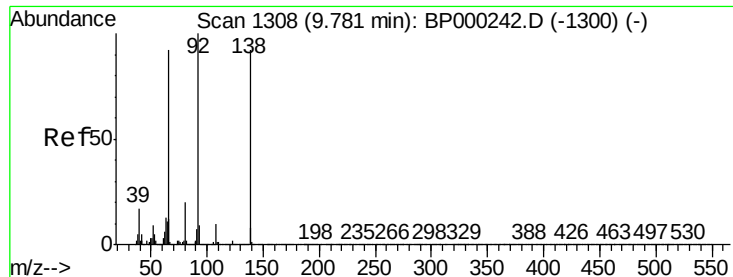
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.9	35.8	53.8
89	50.6	42.6	63.8



#52
Acenaphthene
Concen: 46.671 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	89.8	134.6
152	53.8	43.4	65.0

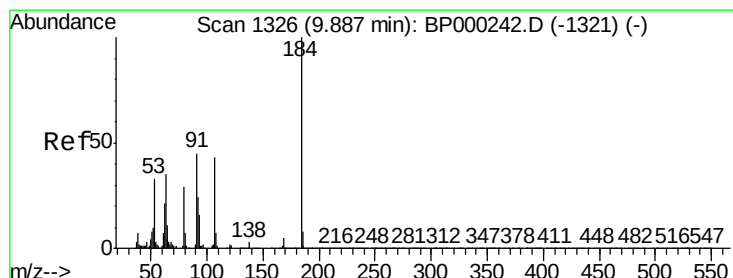
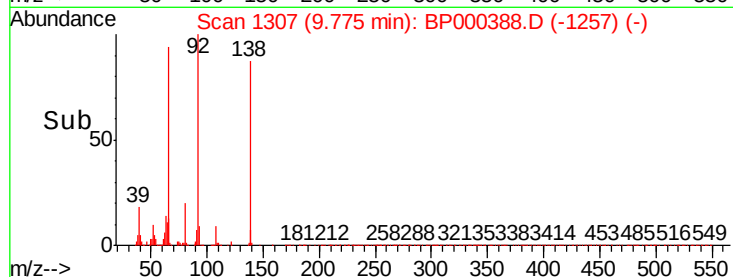
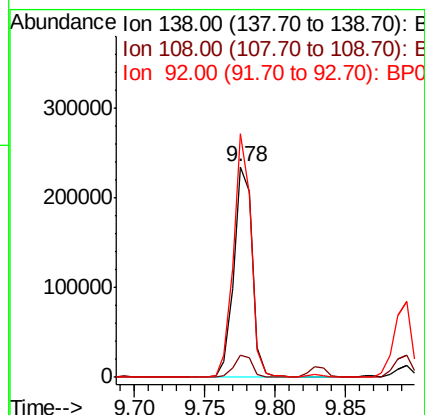
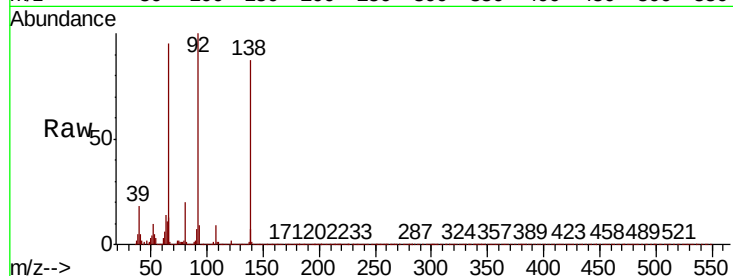




#53
3-Nitroaniline
Concen: 24.346 ng
RT: 9.78 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

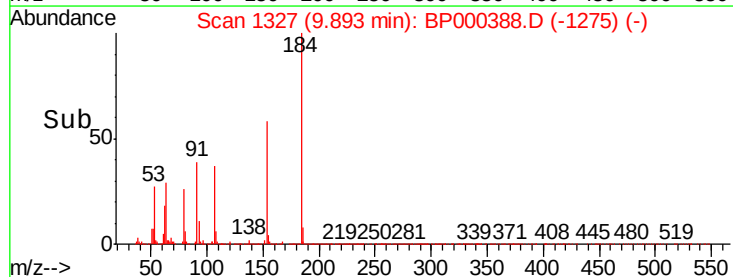
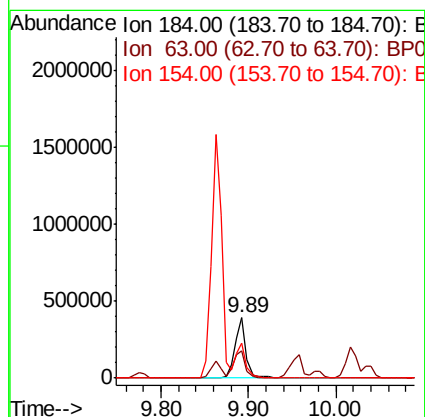
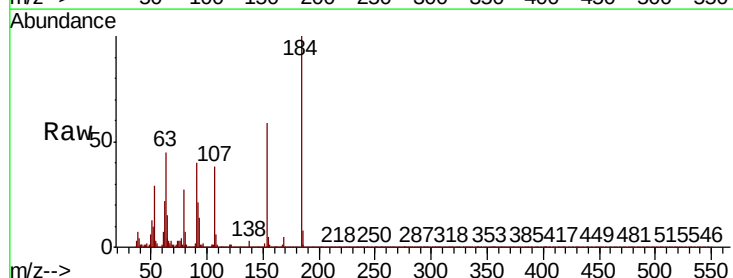
Instrument :
BNA_P
ClientSampleId :

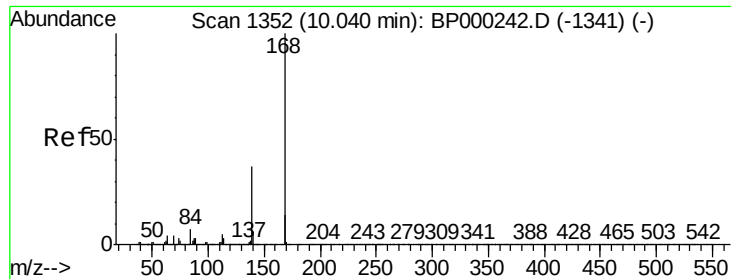
Tot Ion:138 Resp: 212535
Ion Ratio Lower Upper
138 100
108 10.7 9.1 13.7
92 115.5 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 102.751 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Tgt Ion:184 Resp: 341418
Ion Ratio Lower Upper
184 100
63 44.5 39.5 59.3
154 58.5 48.8 73.2

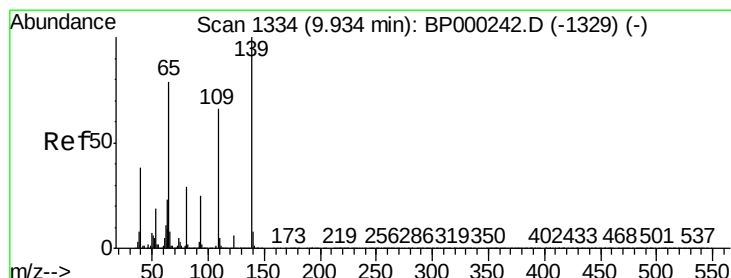
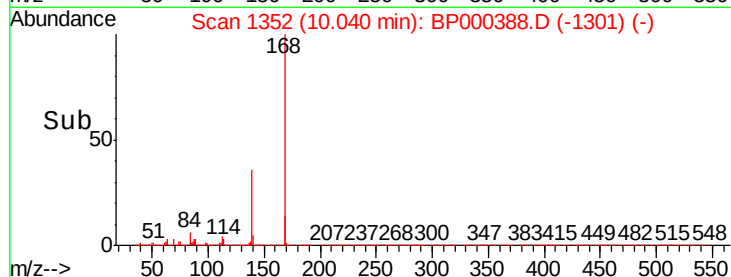
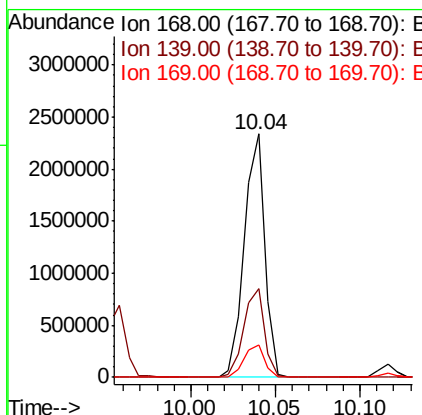
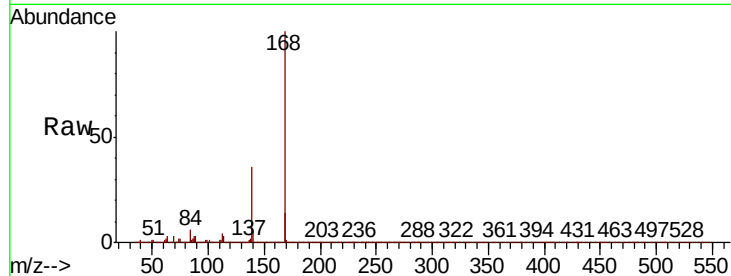




#55
Dibenzofuran
Concen: 50.837 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

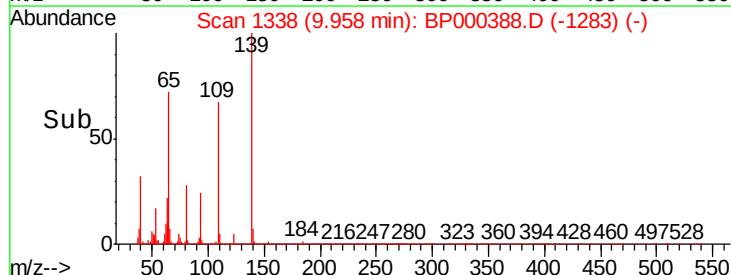
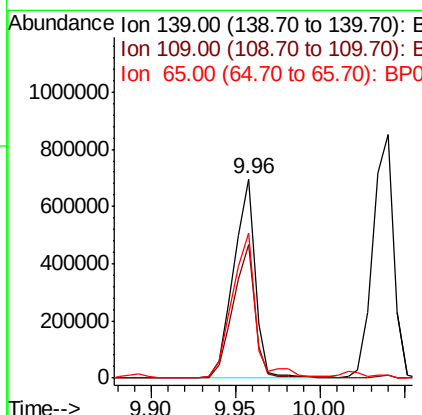
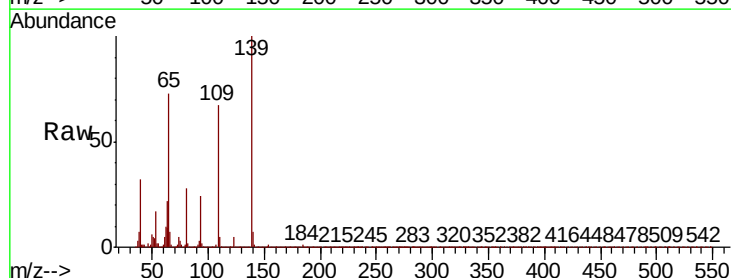
Instrument :
BNA_P
ClientSampleId :

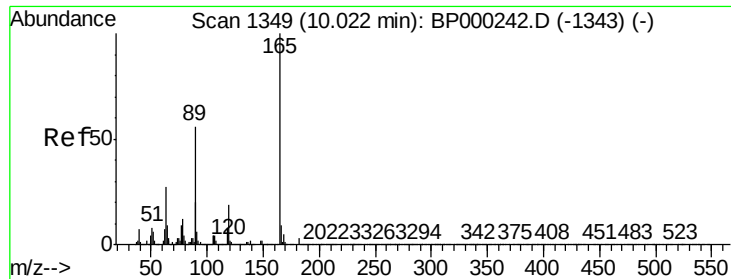
Tot Ion:168 Resp: 1986116
Ion Ratio Lower Upper
168 100
139 36.4 30.0 45.0
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 95.846 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.02 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Tgt Ion:139 Resp: 622331
Ion Ratio Lower Upper
139 100
109 67.3 46.2 86.2
65 72.6 59.4 99.4

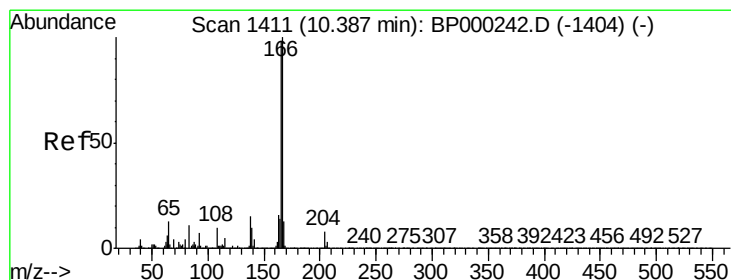
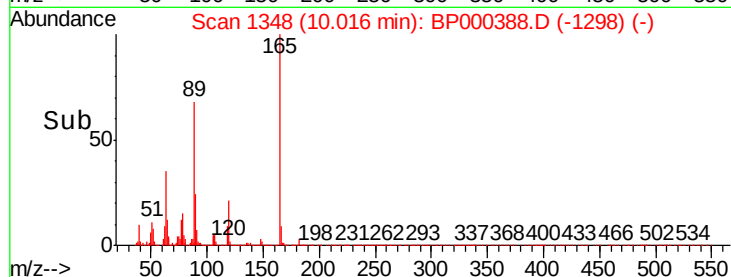
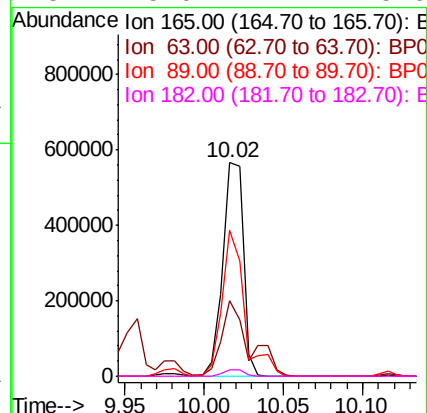
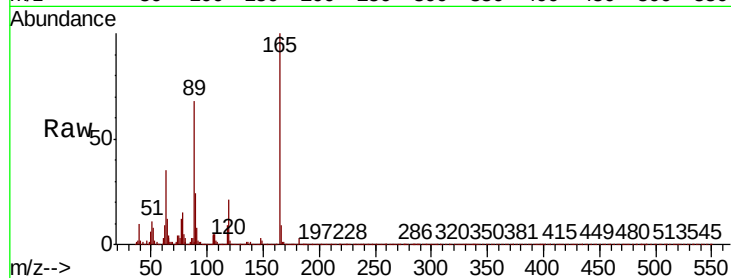




#57
2,4-Dinitrotoluene
Concen: 51.743 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

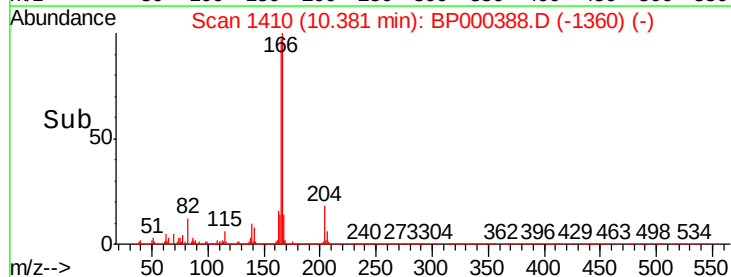
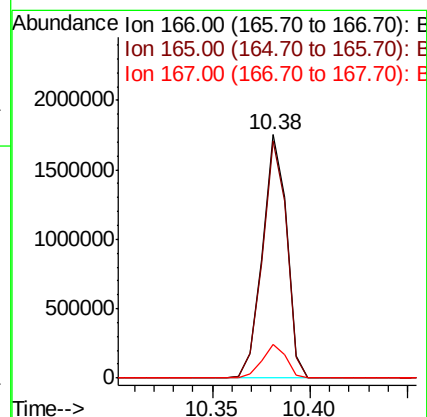
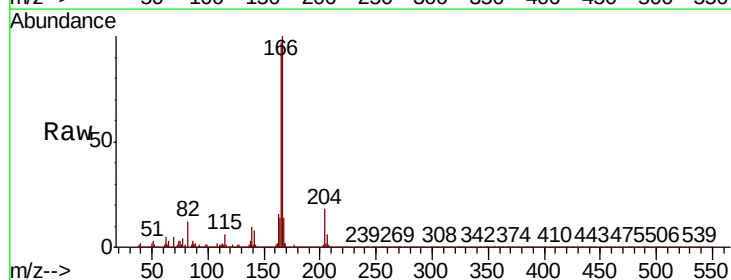
Instrument :
BNA_P
ClientSampleId :

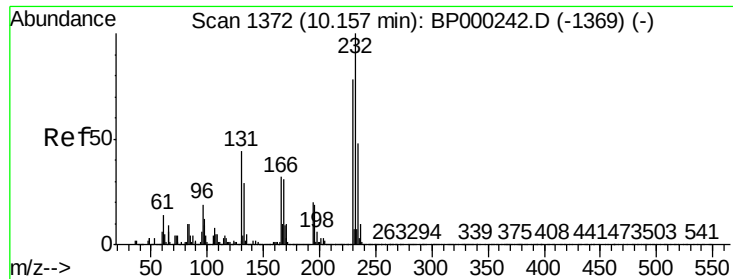
Tot Ion:165 Resp: 508748
Ion Ratio Lower Upper
165 100
63 35.4 21.7 32.5#
89 68.3 45.0 67.6#
182 3.0 2.4 3.6



#58
Fluorene
Concen: 49.999 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Tgt Ion:166 Resp: 1508782
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.2
167 13.7 10.7 16.1

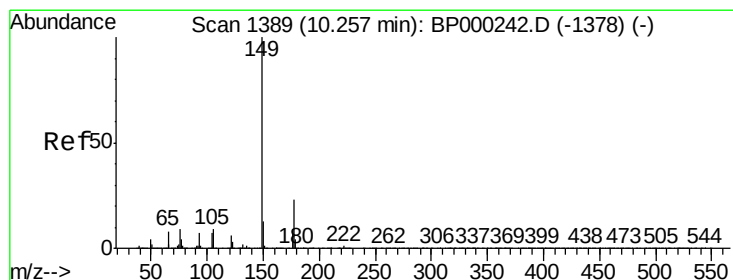
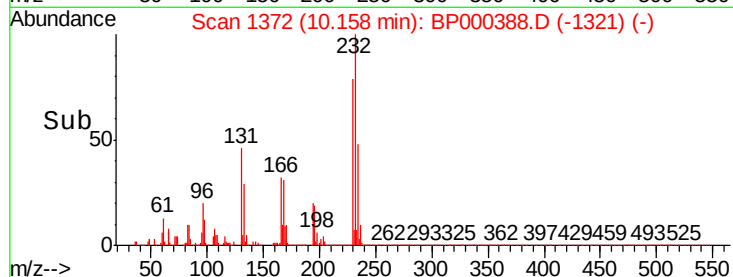
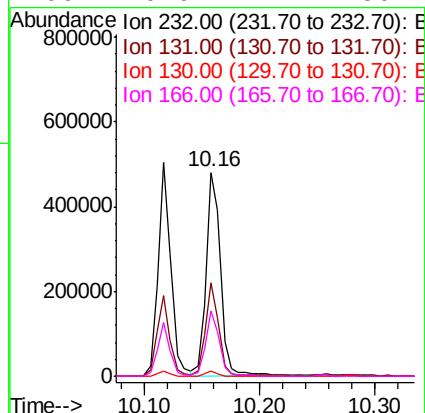
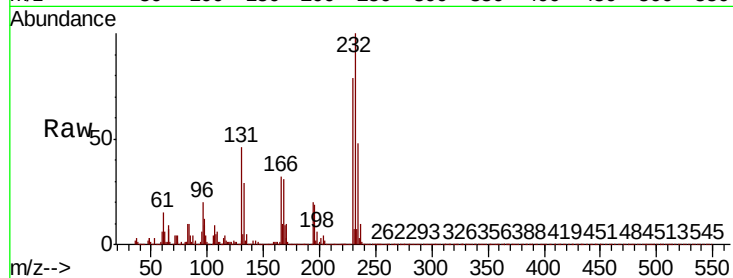




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.657 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

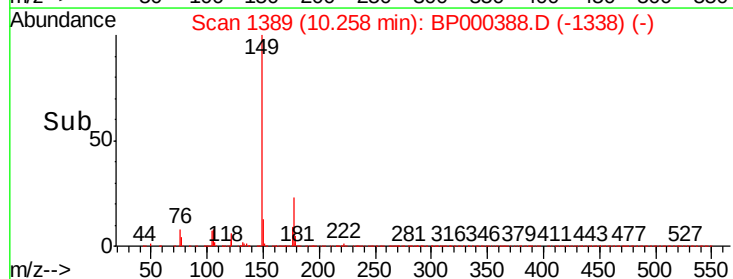
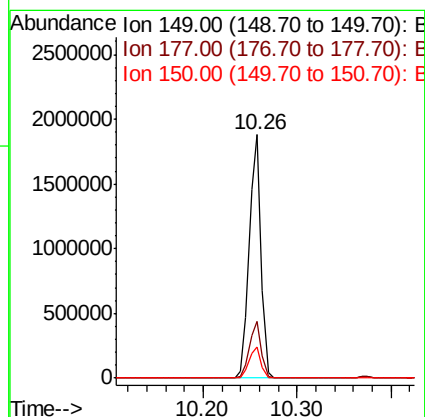
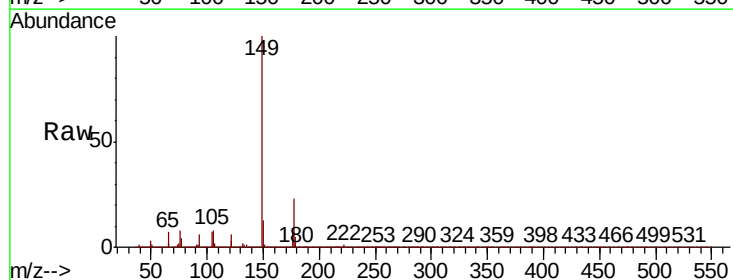
Instrument :
BNA_P
ClientSampleId :

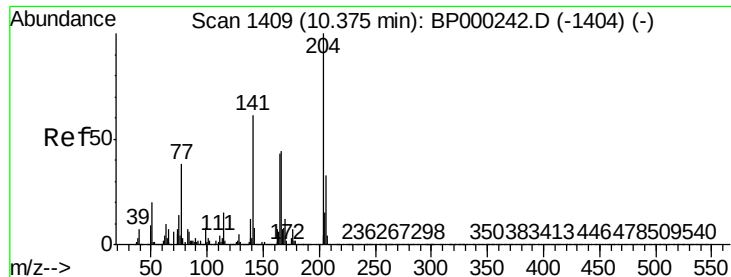
Tot Ion:232	Resp:	423950
Ion	Ratio	Lower Upper
232	100	
131	42.0	33.6 50.4
130	2.3	1.8 2.6
166	29.9	24.2 36.2



#60
Diethylphthalate
Concen: 49.307 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Tgt Ion:149	Resp:	1622412
Ion	Ratio	Lower Upper
149	100	
177	23.4	18.1 27.1
150	12.6	10.3 15.5

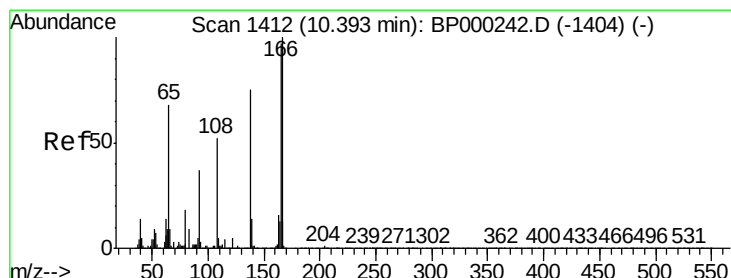
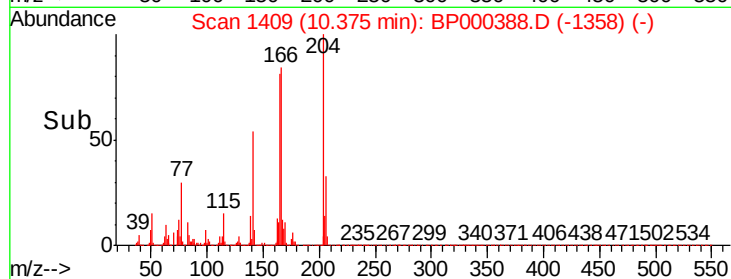
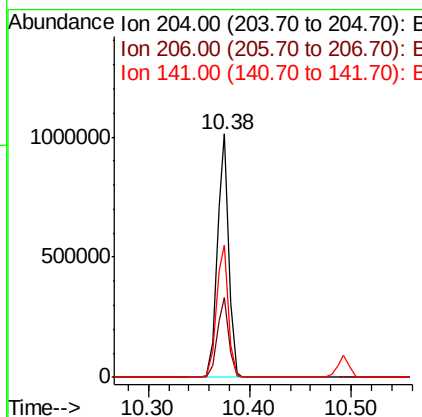
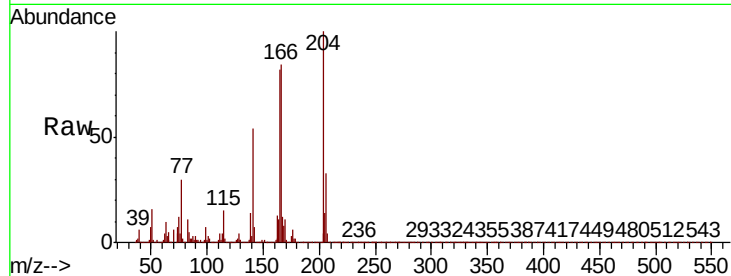




#61
4-Chlorophenyl-phenylether
Concen: 50.307 ng
RT: 10.38 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

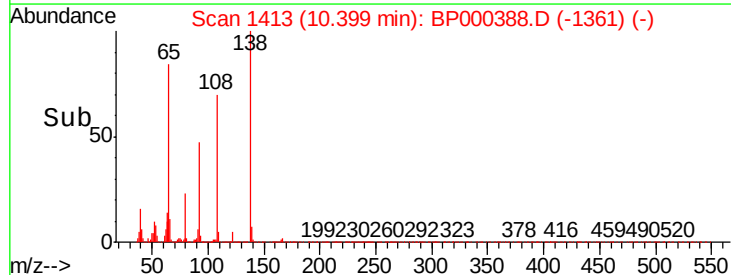
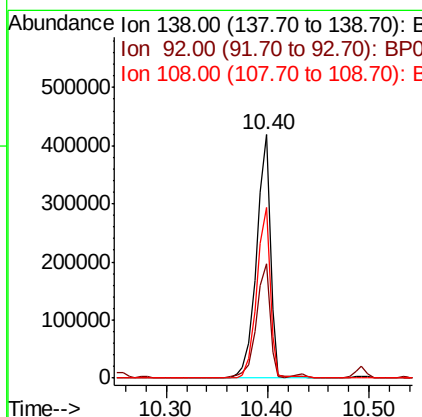
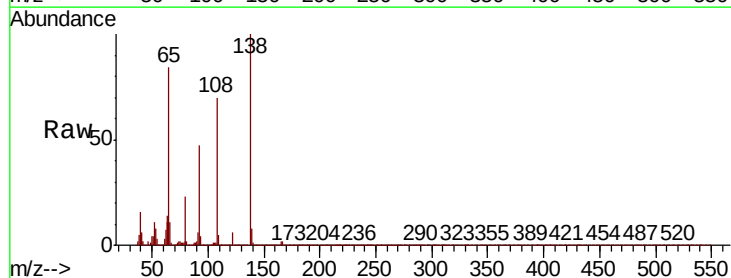
Instrument :
BNA_P
ClientSampleId :

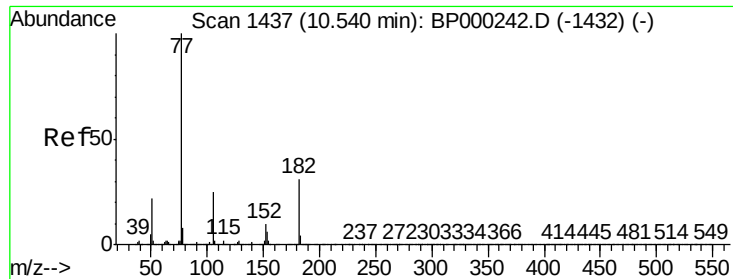
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	54.4	48.6	72.8



#62
4-Nitroaniline
Concen: 46.384 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.2	30.1	70.1
108	70.1	49.5	89.5

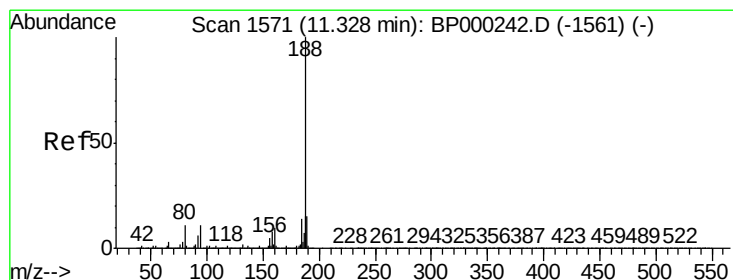
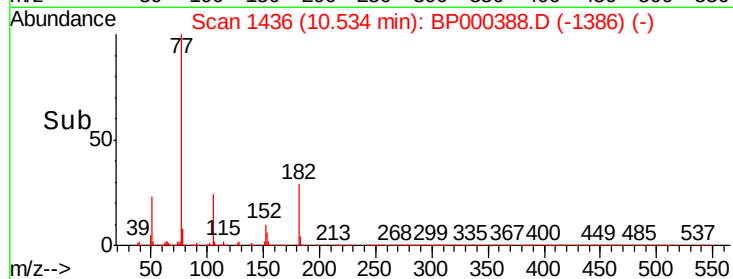
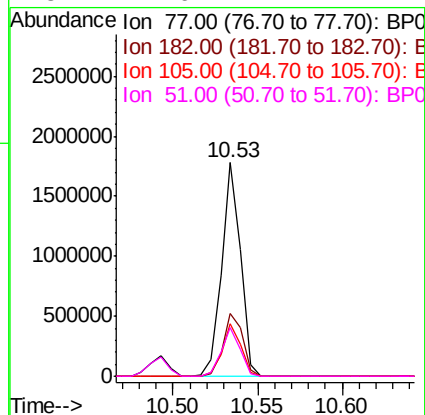
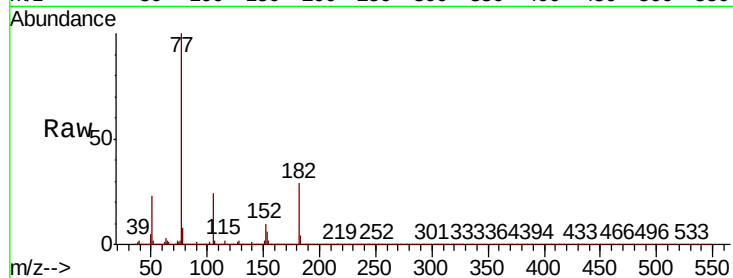




#63
Azobenzene
Concen: 49.730 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

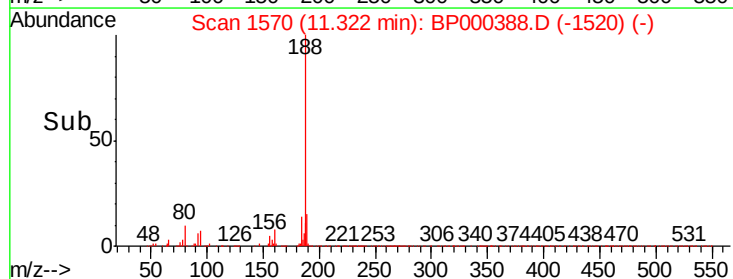
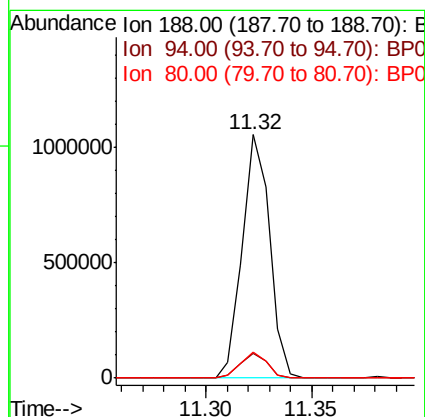
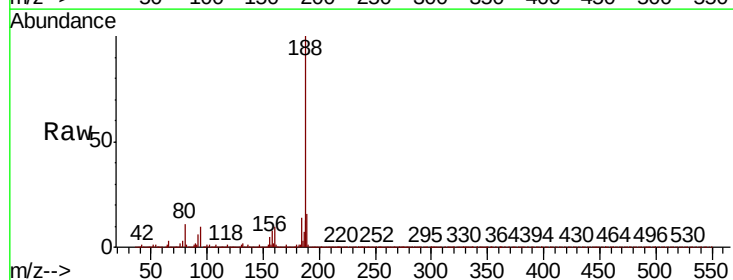
Instrument :
BNA_P
ClientSampled :

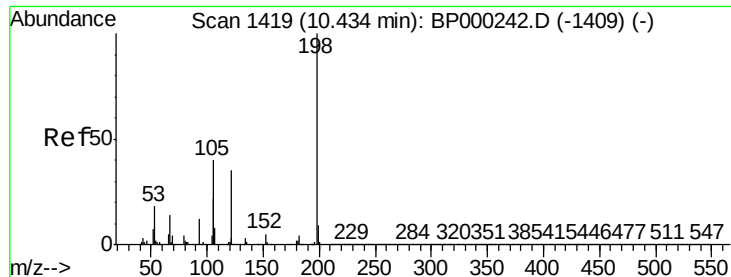
Tot Ion: 77 Resp: 1386335
Ion Ratio Lower Upper
77 100
182 29.1 11.1 51.1
105 24.4 4.7 44.7
51 22.6 2.2 42.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Tgt Ion:188 Resp: 946863
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.8 8.6 13.0

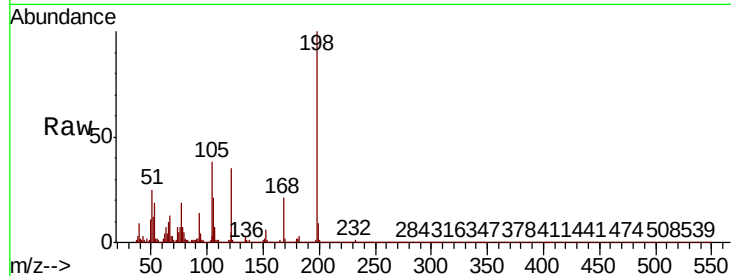




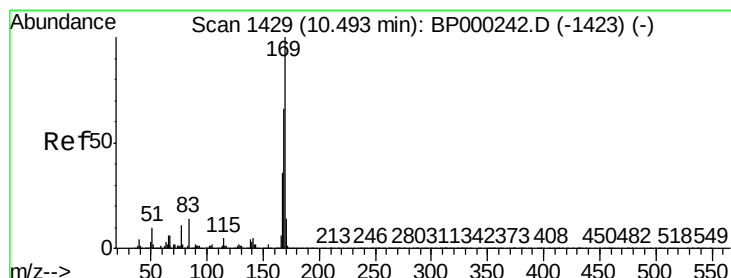
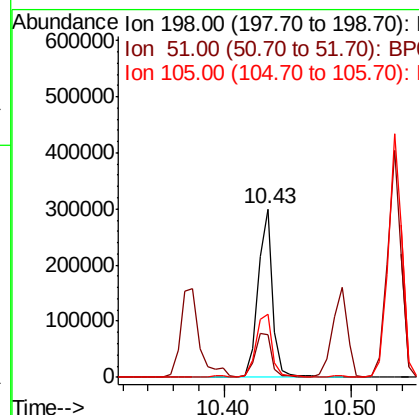
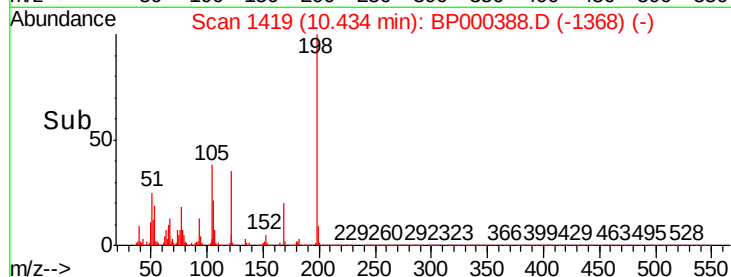
#65
4,6-Dinitro-2-methylphenol
Concen: 54.011 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Instrument :
BNA_P
ClientSampled :

Tot Ion:198 Resp: 240467
Ion Ratio Lower Upper
198 100
51 25.3 7.4 47.4
105 37.8 20.2 60.2

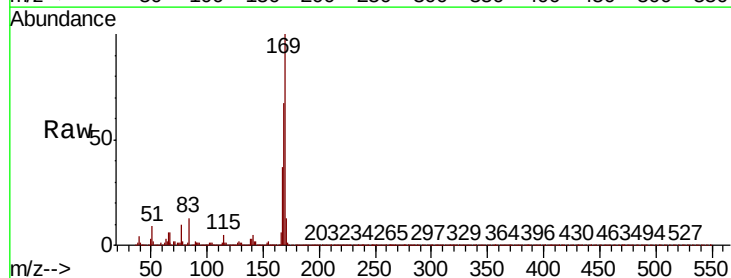


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP
Ion 105.00 (104.70 to 105.70): E

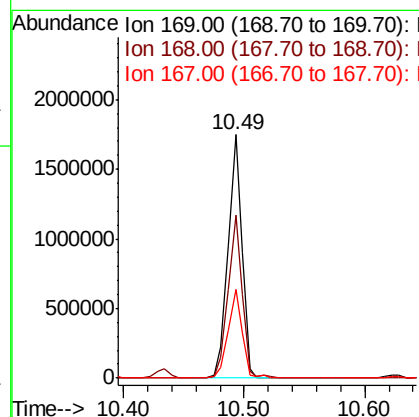
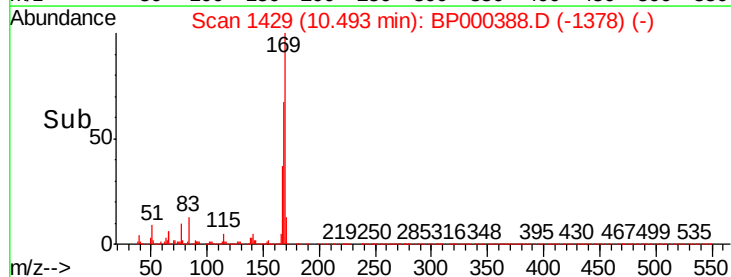


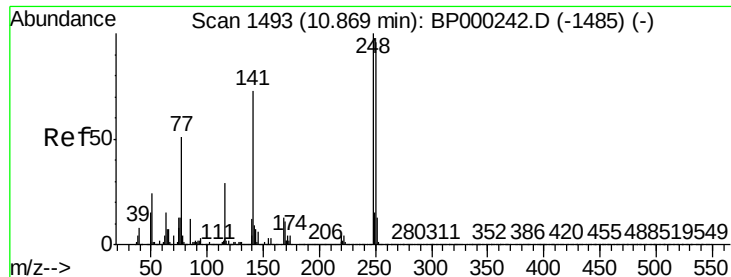
#66
n-Nitrosodiphenylamine
Concen: 48.610 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Tgt Ion:169 Resp: 1385583
Ion Ratio Lower Upper
169 100
168 66.9 52.9 79.3
167 36.7 29.0 43.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

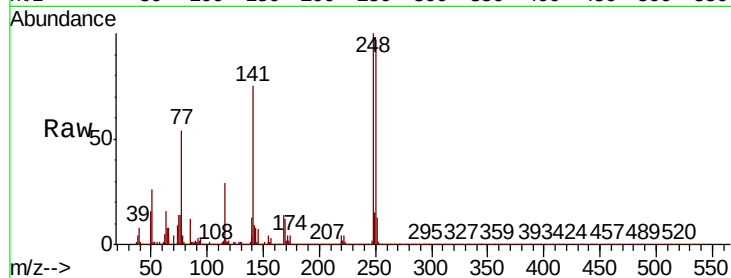




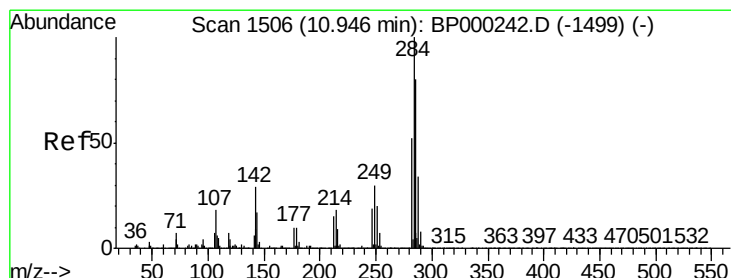
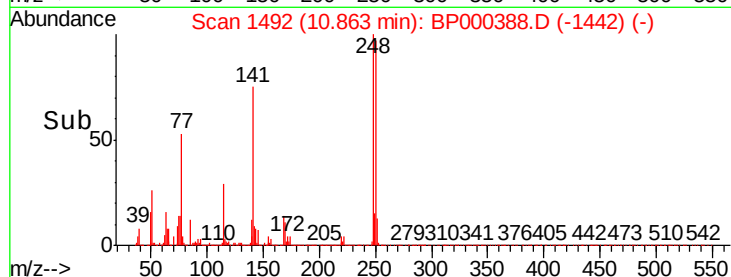
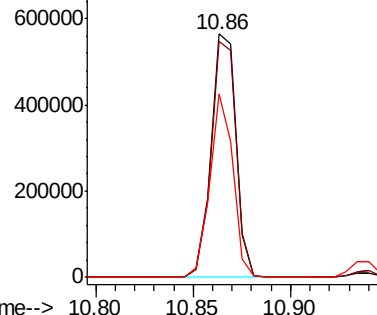
#67
4-Bromophenyl-phenylether
Concen: 46.643 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Instrument :
BNA_P
ClientSampleId :

Tot Ion:248 Resp: 499413
Ion Ratio Lower Upper
248 100
250 96.7 77.0 115.4
141 75.4 58.5 87.7

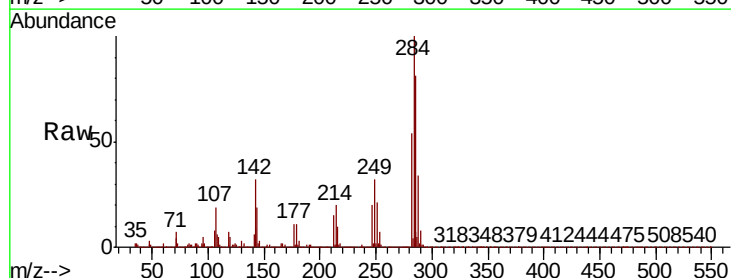


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

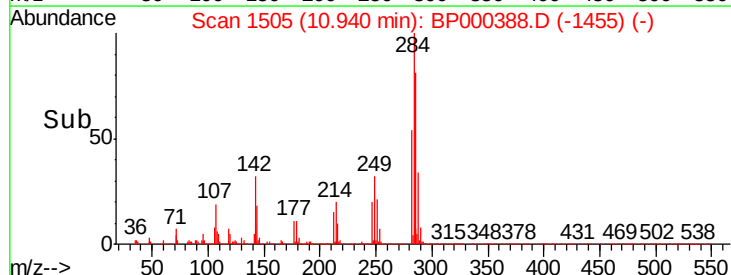
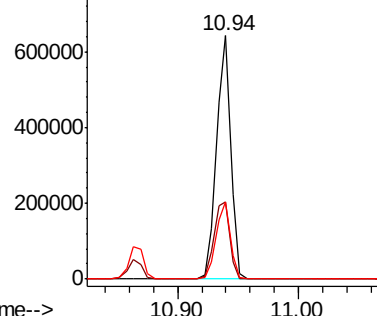


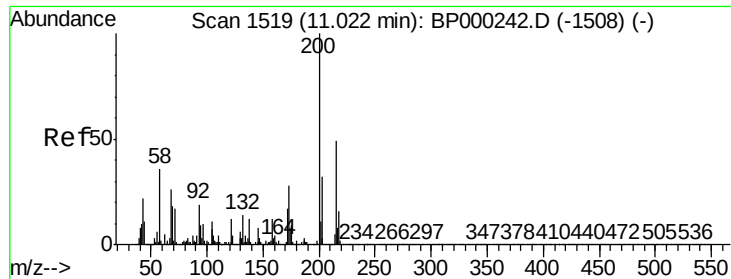
#68
Hexachlorobenzene
Concen: 45.078 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Tgt Ion:284 Resp: 527667
Ion Ratio Lower Upper
284 100
142 31.7 23.6 35.4
249 31.7 24.3 36.5



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: Below Cal

RT: 11.03 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

Instrument :

BNA_P

ClientSampleId :

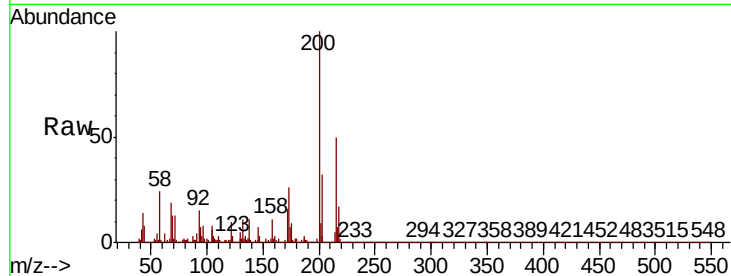
Tot Ion:200 Resp: 440586

Ion Ratio Lower Upper

200 100

173 25.7 7.6 47.6

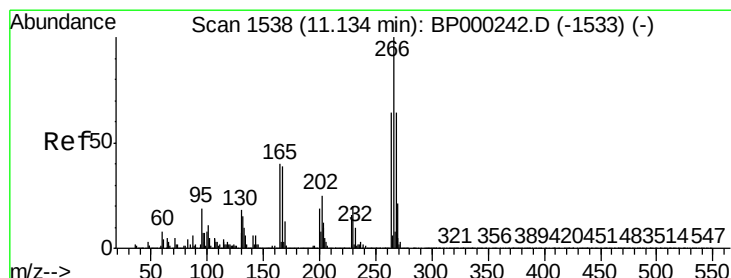
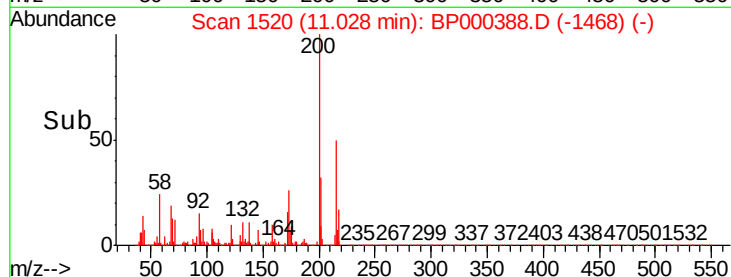
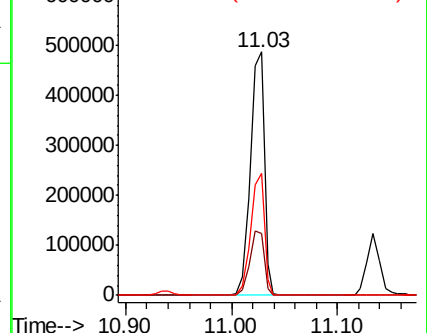
215 50.1 28.6 68.6



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: 91.664 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

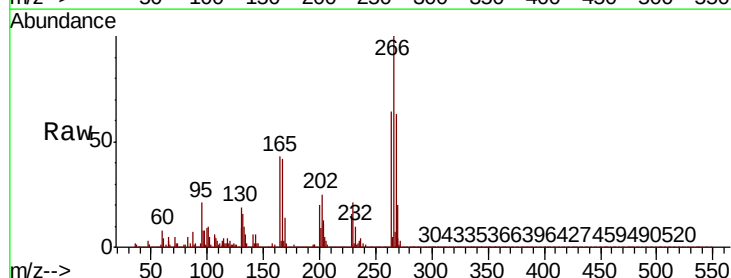
Tgt Ion:266 Resp: 584386

Ion Ratio Lower Upper

266 100

268 63.3 51.6 77.4

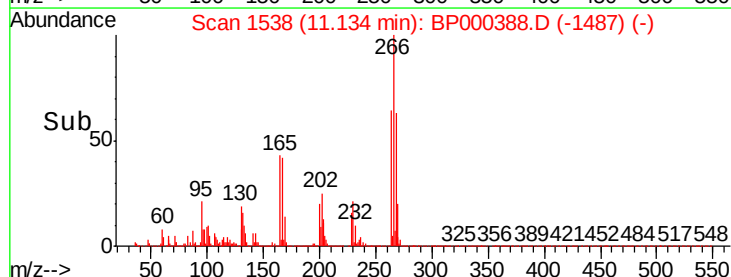
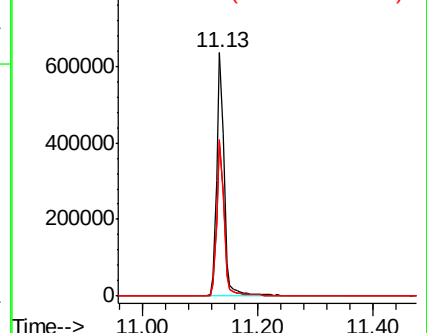
264 64.5 50.8 76.2

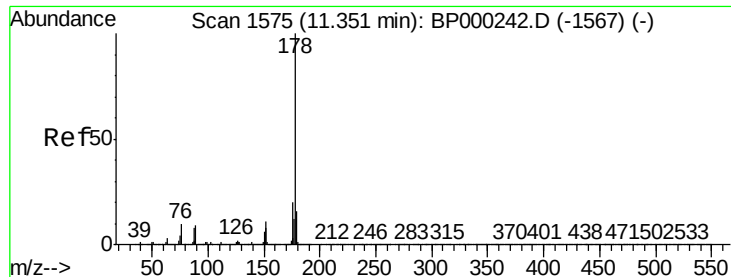


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

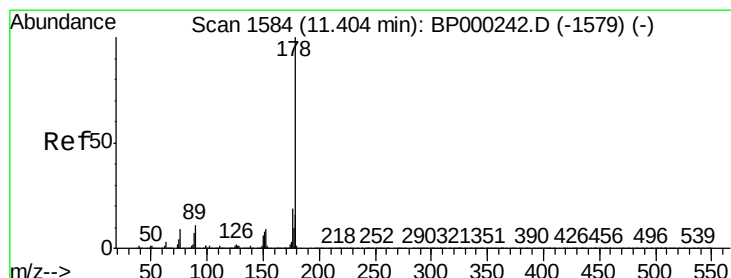
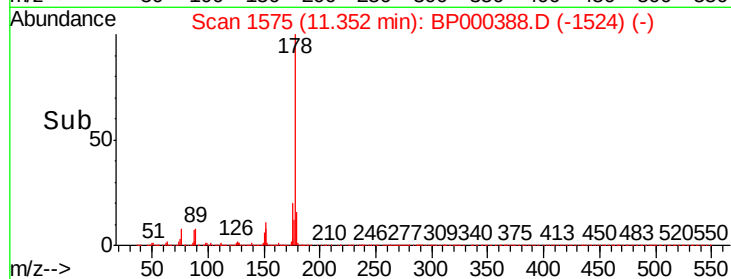
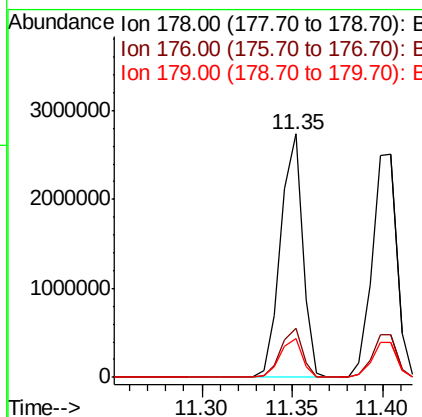
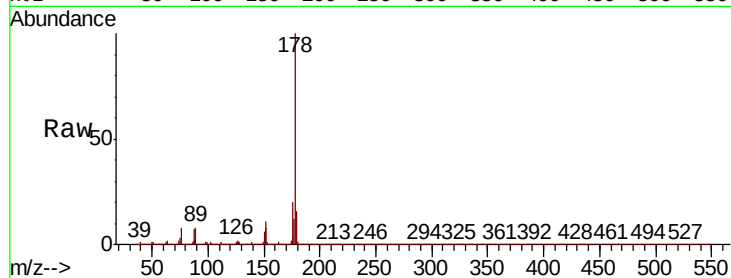




#71
Phenanthrene
Concen: 48.799 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

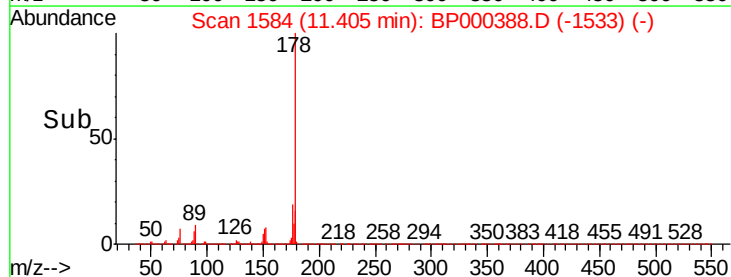
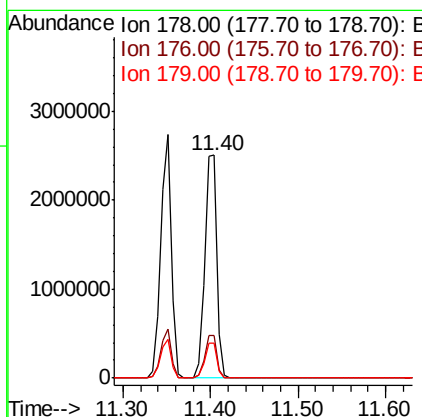
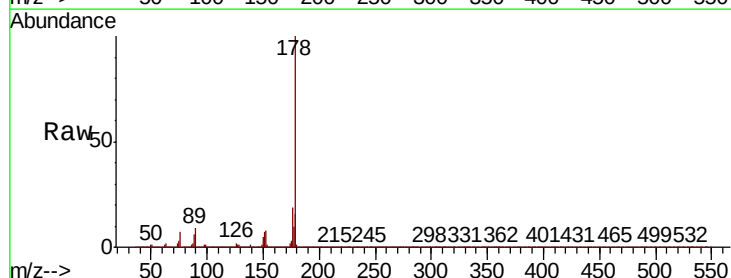
Instrument :
BNA_P
ClientSampleId :

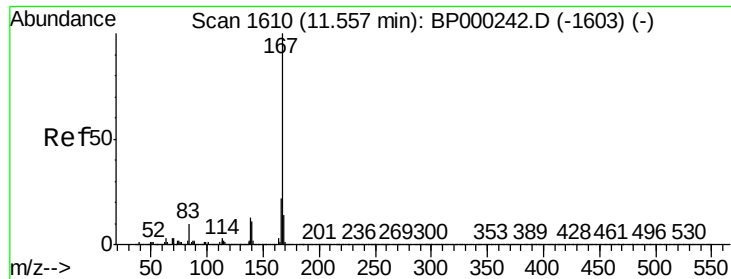
Tot Ion:178 Resp: 2315520
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 15.8 12.7 19.1



#72
Anthracene
Concen: 48.865 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Tgt Ion:178 Resp: 2386616
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.8 12.7 19.1

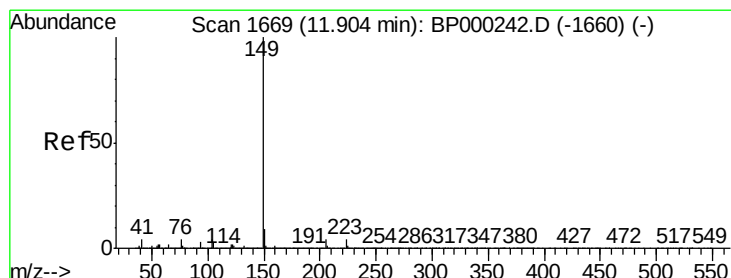
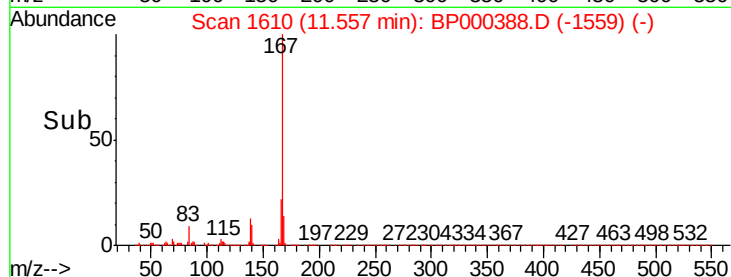
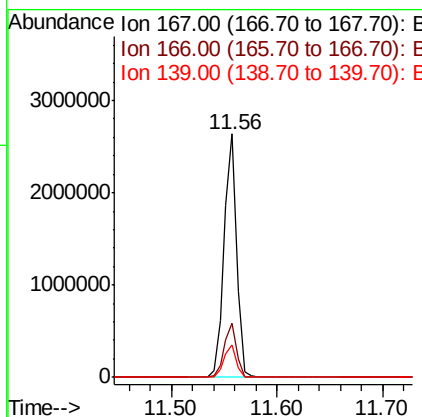
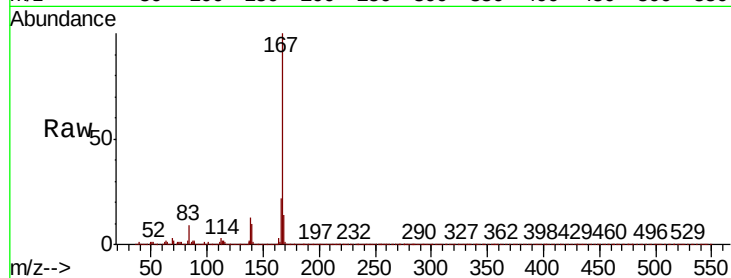




#73
 Carbazole
 Concen: 49.910 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BP000388.D
 Acq: 24 Sep 2019 16:59

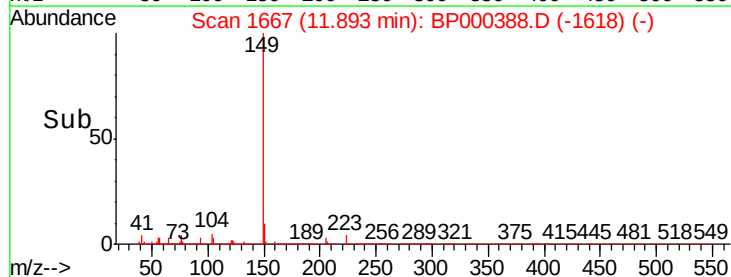
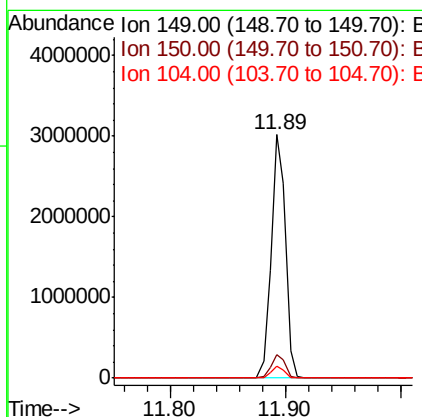
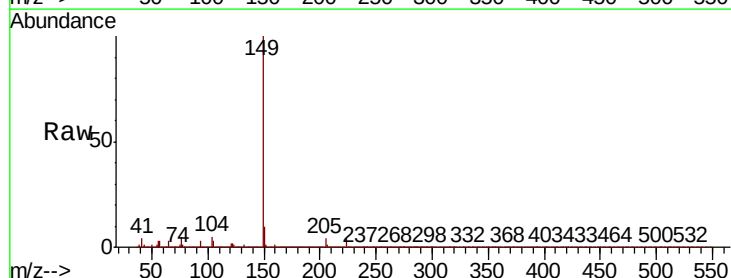
Instrument :
 BNA_P
 ClientSampleId :

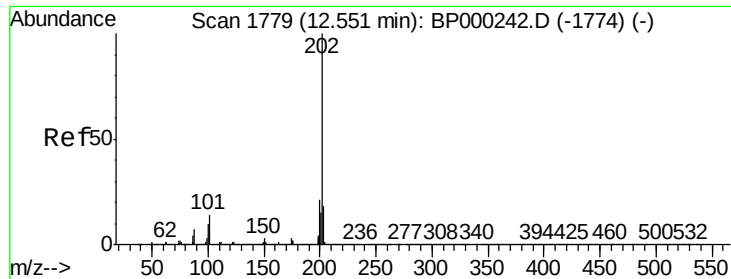
Tot Ion:167 Resp: 2195292
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 13.1 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 46.684 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BP000388.D
 Acq: 24 Sep 2019 16:59

Tgt Ion:149 Resp: 2599071
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.2
 104 5.0 3.5 5.3





#75

Fluoranthene

Concen: 51.317 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

Instrument :

BNA_P

ClientSampleId :

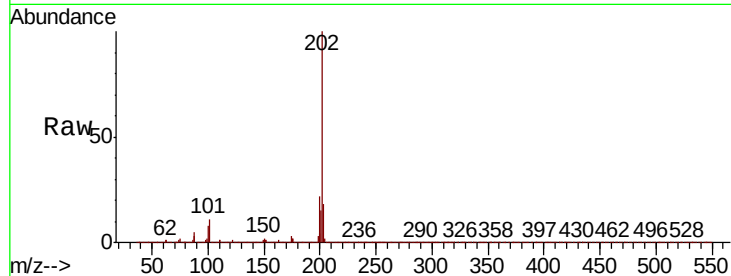
Tot Ion:202 Resp: 2614656

Ion Ratio Lower Upper

202 100

101 11.4 0.0 33.9

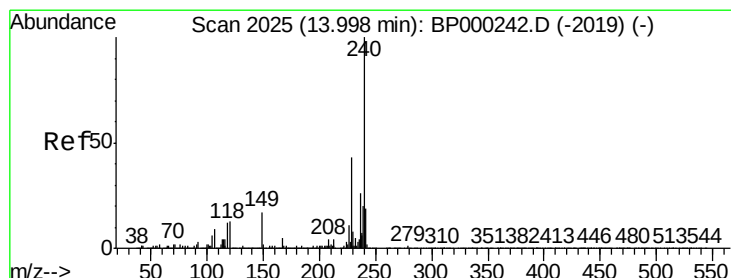
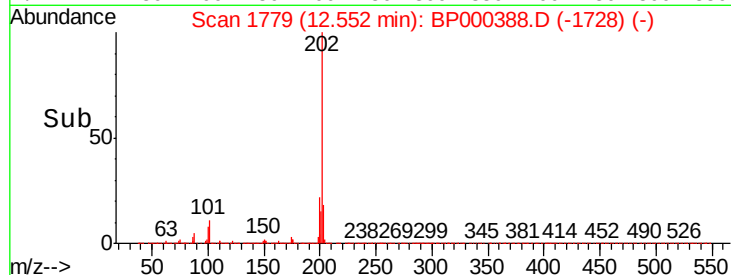
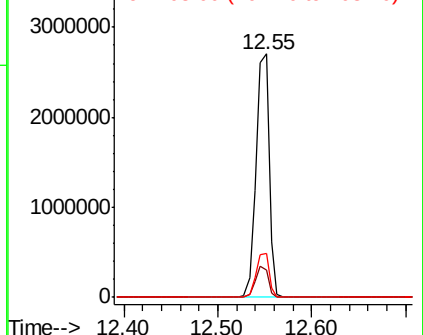
203 17.9 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

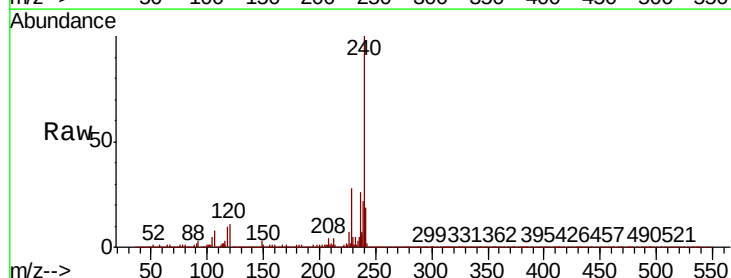
Tgt Ion:240 Resp: 758029

Ion Ratio Lower Upper

240 100

120 11.3 10.4 15.6

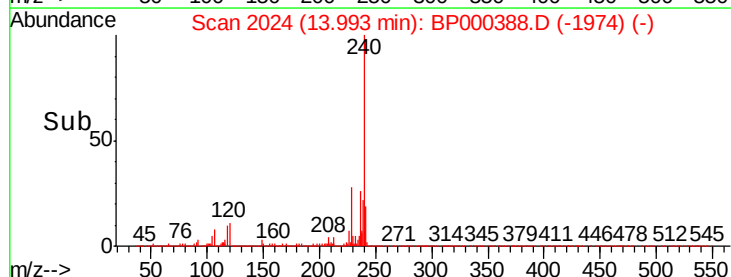
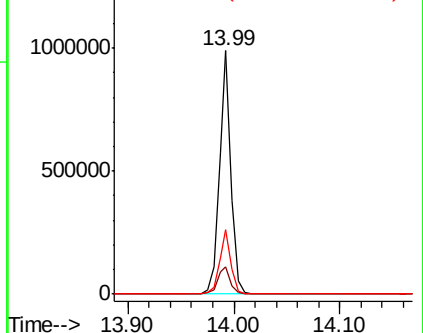
236 26.3 21.0 31.6

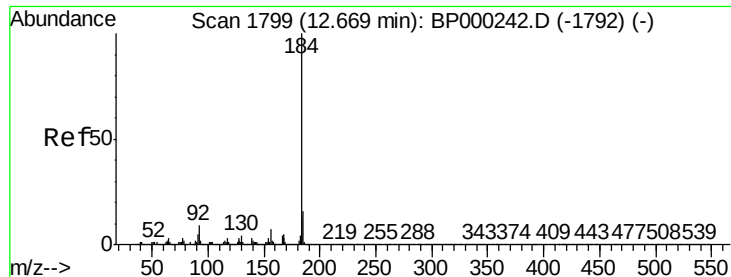


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.887 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

Instrument :

BNA_P

ClientSampleId :

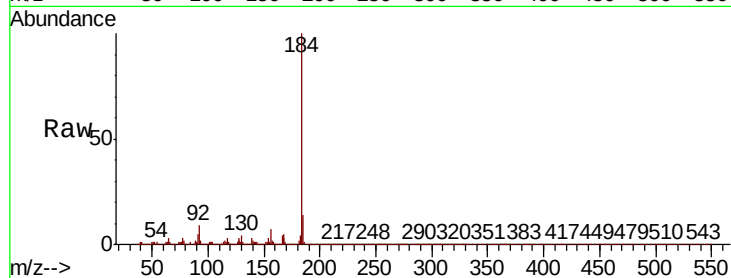
Tot Ion:184 Resp: 1377634

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.7	19.1
183	12.1	9.5	14.3

184 100

185 14.4 12.7 19.1

183 12.1 9.5 14.3

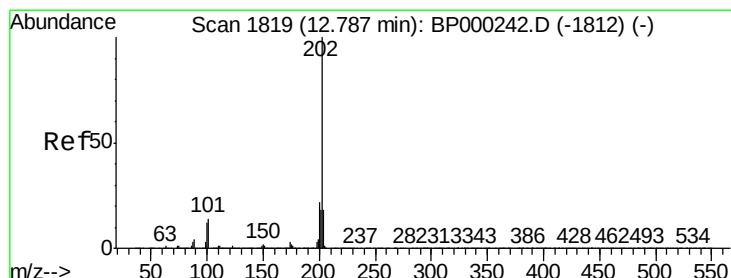
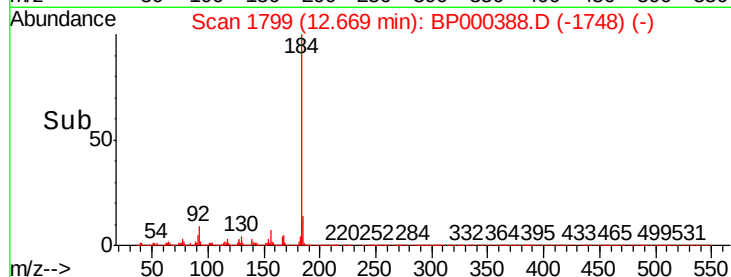
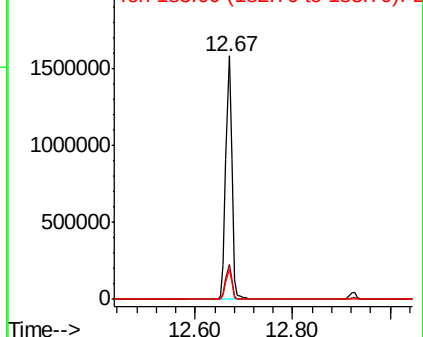


Abundance

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: 46.620 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

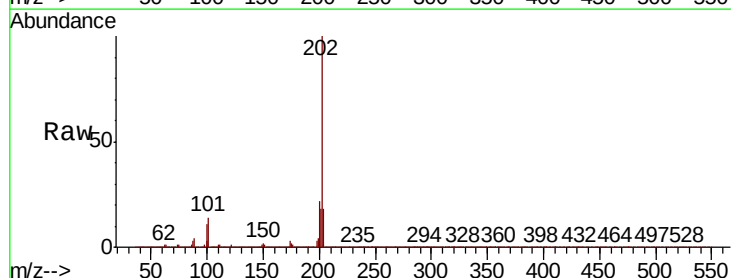
Tgt Ion:202 Resp: 2643978

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.5	26.3
203	18.2	14.3	21.5

202 100

200 22.2 17.5 26.3

203 18.2 14.3 21.5

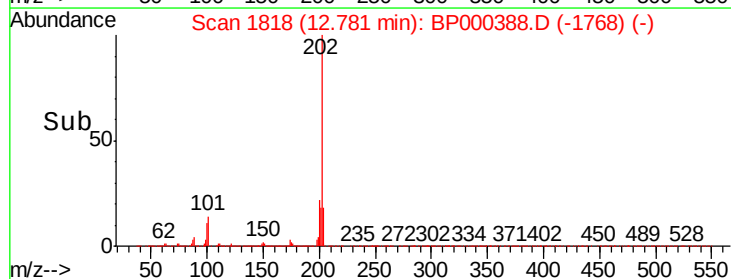
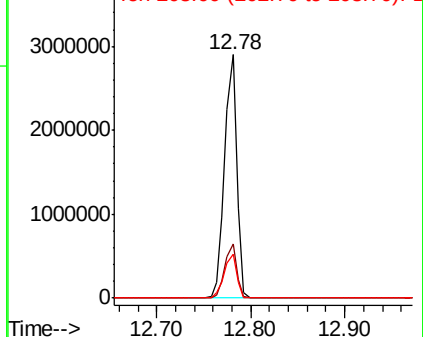


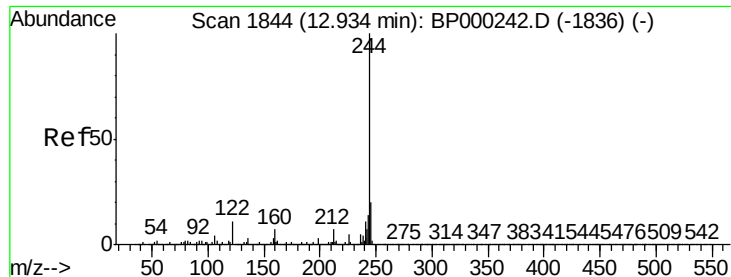
Abundance

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: 88.762 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

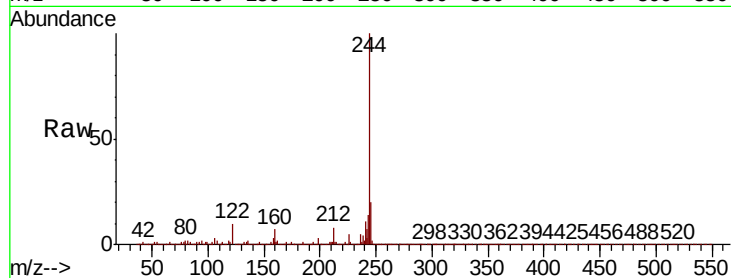
Instrument :

BNA_P

ClientSampleId :

Tot Ion:244 Resp: 3207308

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	10.4	9.0	13.4

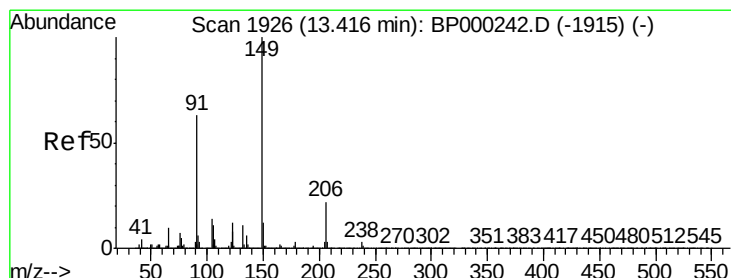
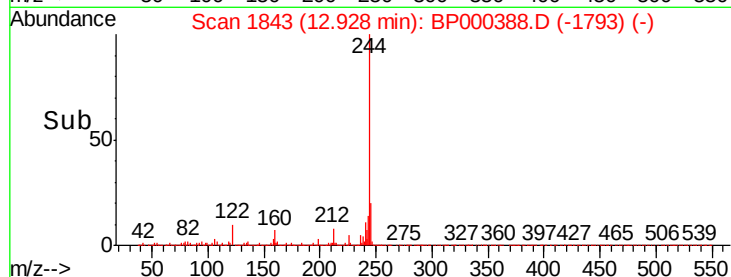
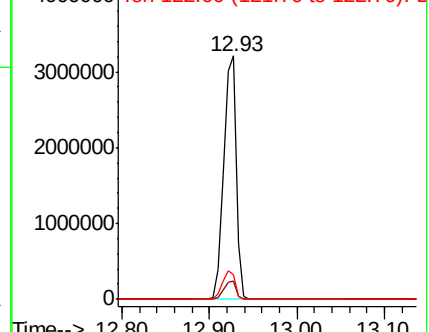


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.668 ng

RT: 13.40 min Scan# 1924

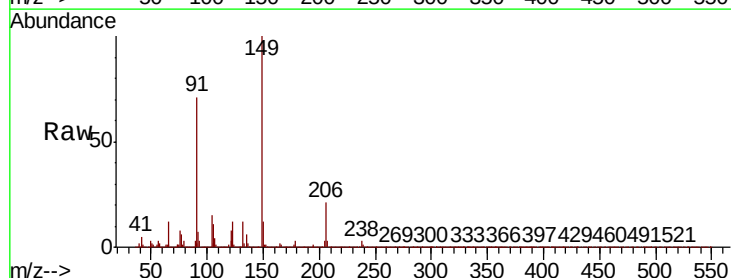
Delta R.T. -0.01 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

Tgt Ion:149 Resp: 1164030

Ion	Ratio	Lower	Upper
149	100		
91	71.1	50.6	76.0
206	21.2	17.8	26.6

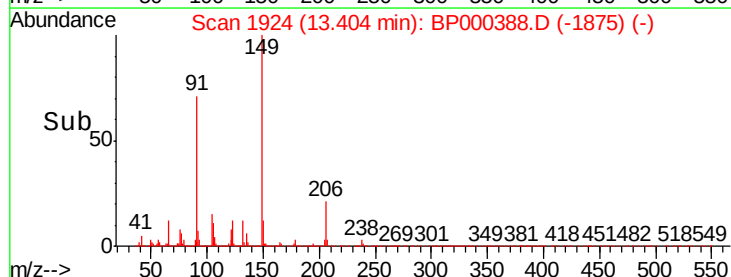
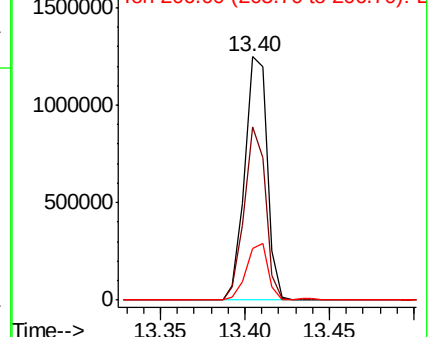


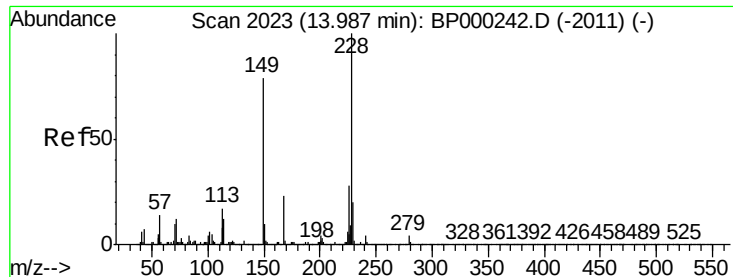
Abundance

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

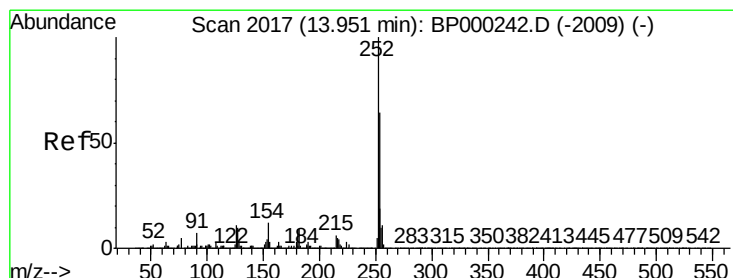
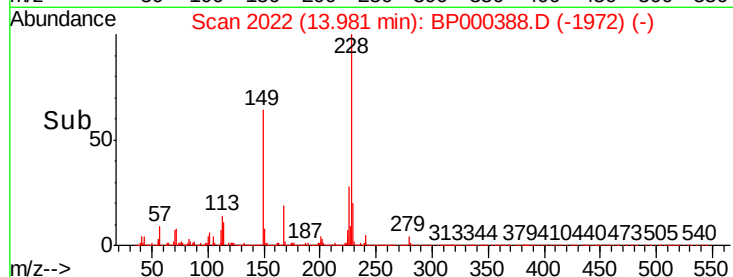
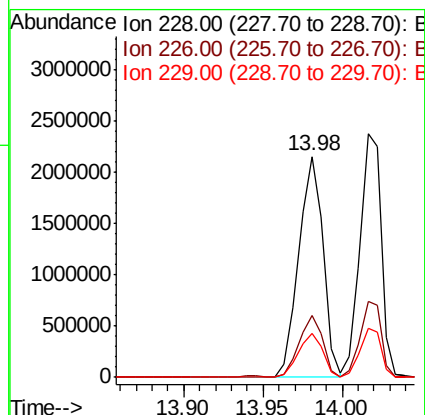
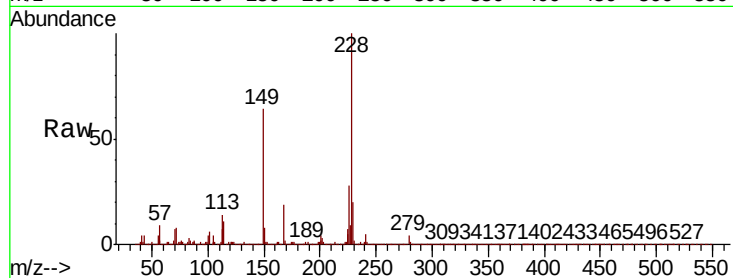




#81
Benzo(a)anthracene
Concen: 47.639 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

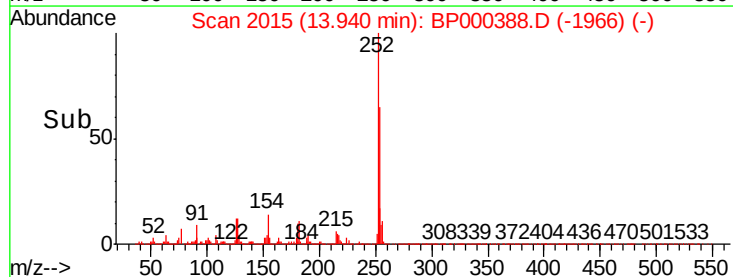
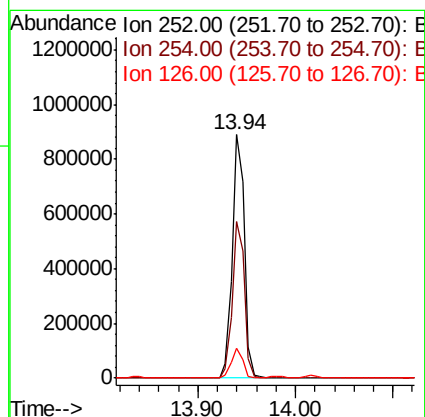
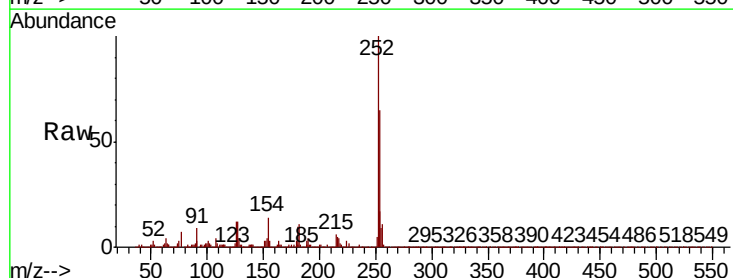
Instrument :
BNA_P
ClientSampleId :

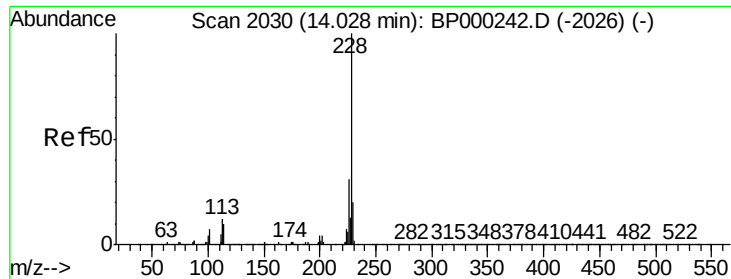
Tot Ion:228 Resp: 2281074
Ion Ratio Lower Upper
228 100
226 27.9 22.2 33.4
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 39.717 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Tgt Ion:252 Resp: 764298
Ion Ratio Lower Upper
252 100
254 64.5 51.5 77.3
126 12.5 8.4 12.6

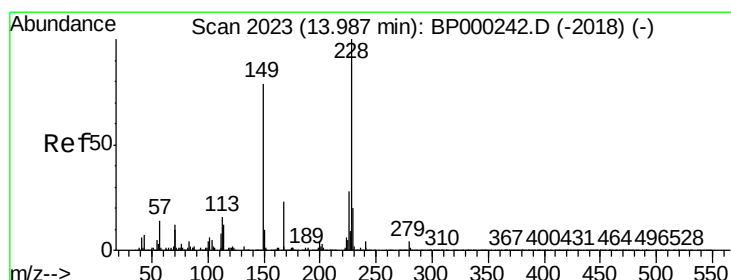
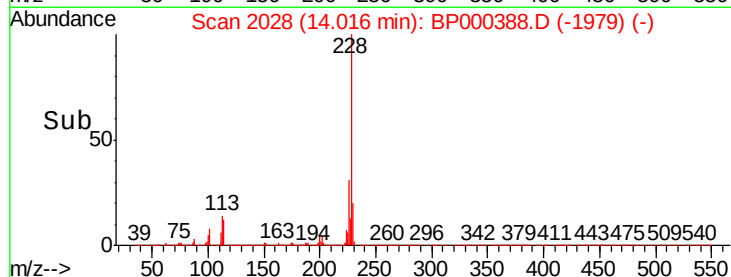
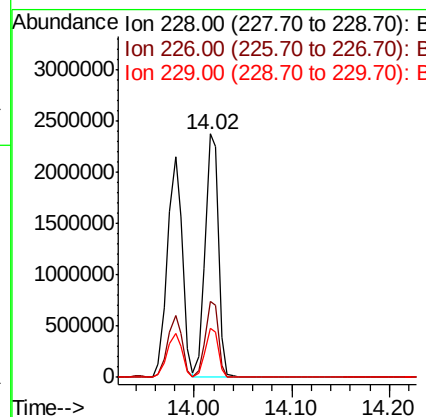
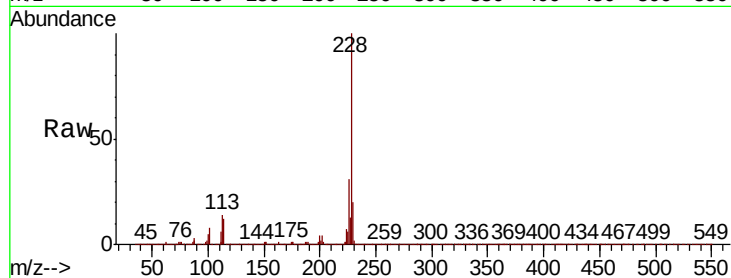




#83
Chrysene
Concen: 47.699 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

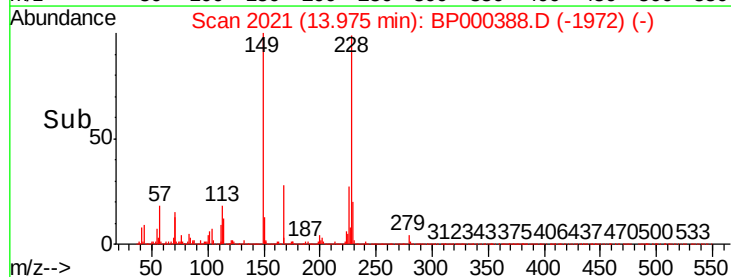
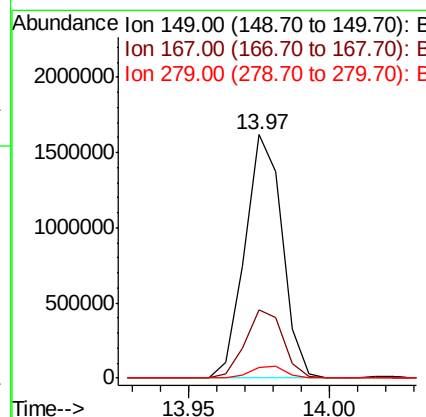
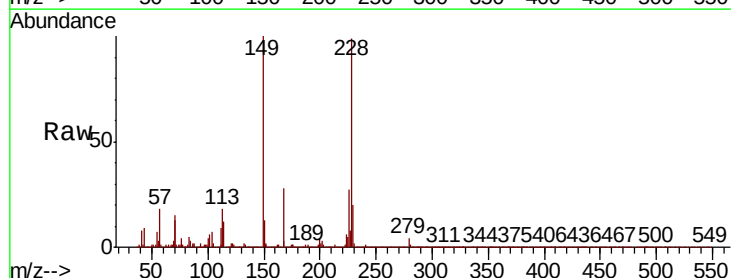
Instrument :
BNA_P
ClientSampleId :

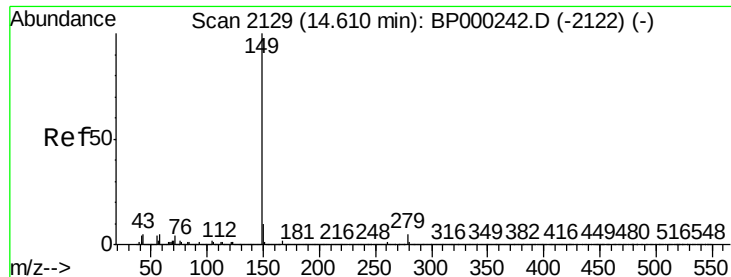
Tot Ion:228 Resp: 2242533
Ion Ratio Lower Upper
228 100
226 31.1 24.9 37.3
229 20.1 16.2 24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.405 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Tgt Ion:149 Resp: 1482943
Ion Ratio Lower Upper
149 100
167 28.2 23.0 34.4
279 4.4 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 47.537 ng

RT: 14.59 min Scan# 2126

Delta R.T. -0.02 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

Instrument :

BNA_P

ClientSampleId :

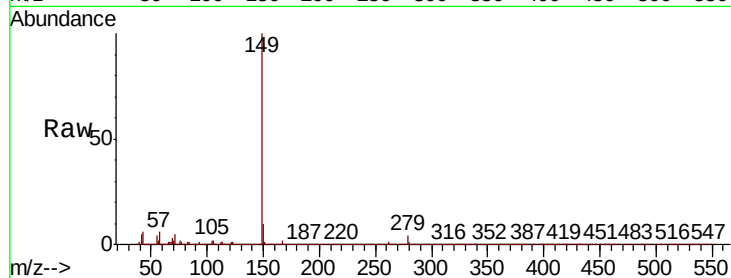
Tot Ion:149 Resp: 2756143

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

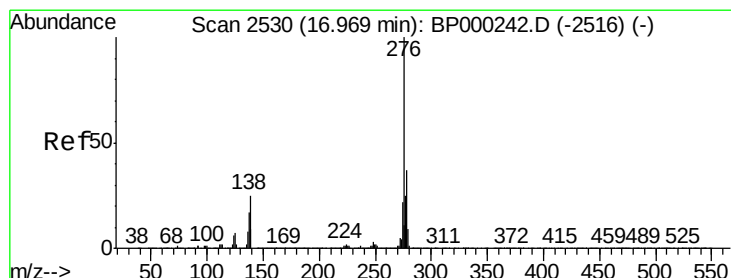
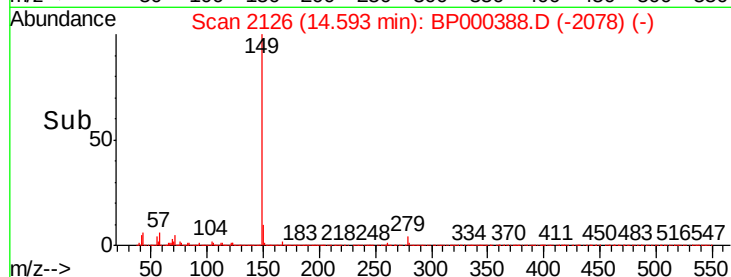
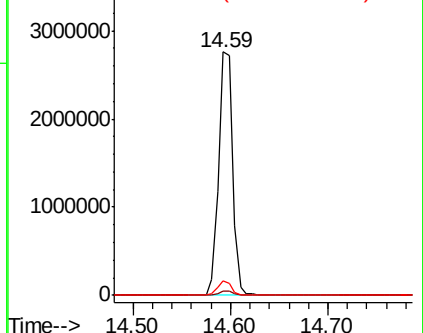
43 5.8 5.0 7.6



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: 48.376 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.02 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

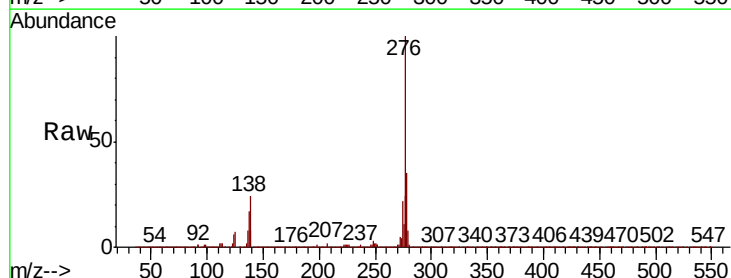
Tgt Ion:276 Resp: 2772258

Ion Ratio Lower Upper

276 100

138 27.4 22.6 33.8

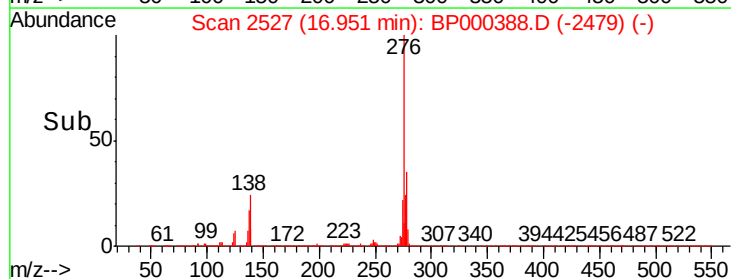
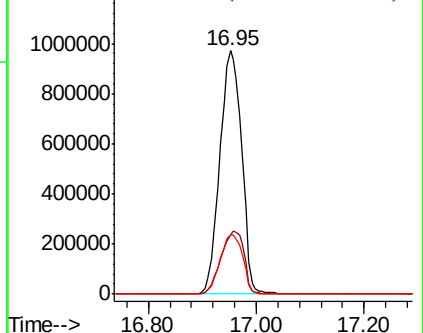
277 25.5 20.4 30.6

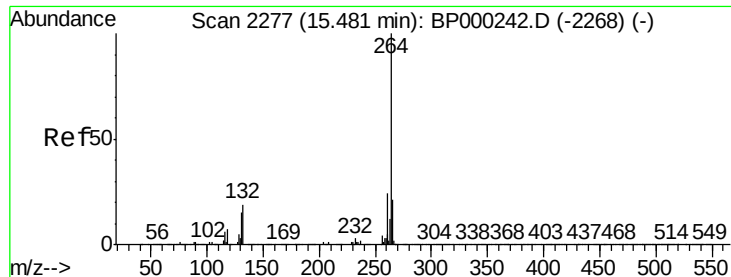


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

Instrument :

BNA_P

ClientSampleId :

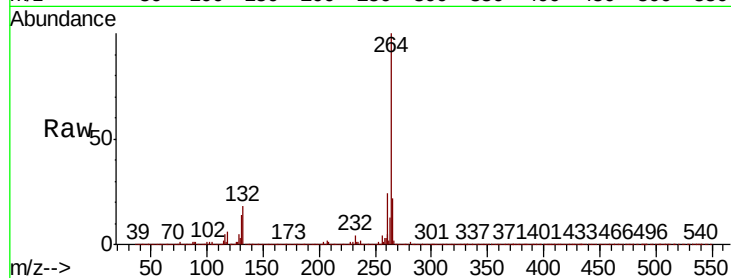
Tot Ion:264 Resp: 882132

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

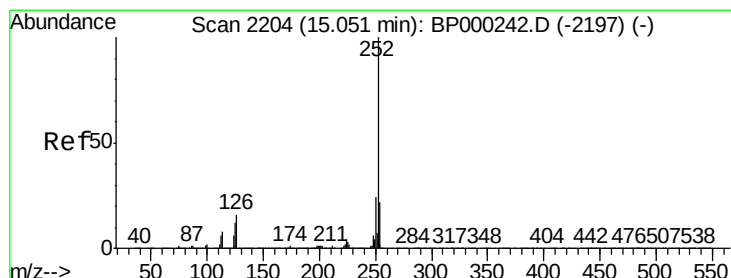
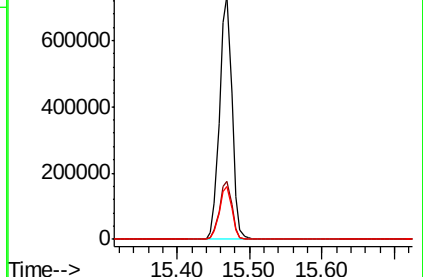
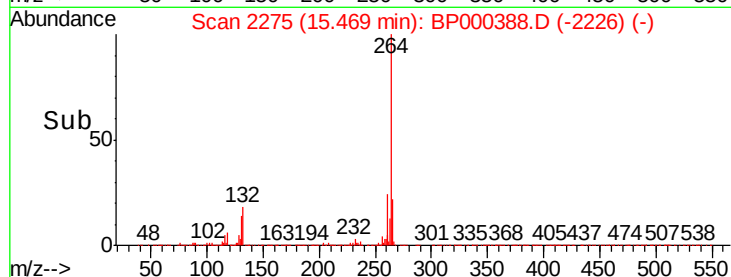
265 21.7 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.370 ng

RT: 15.04 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BP000388.D

Acq: 24 Sep 2019 16:59

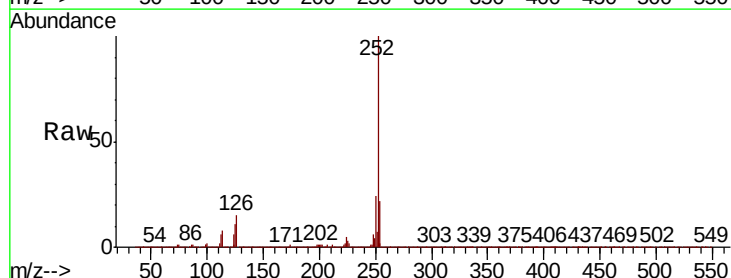
Tgt Ion:252 Resp: 2598107

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

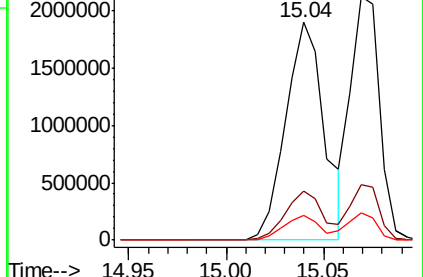
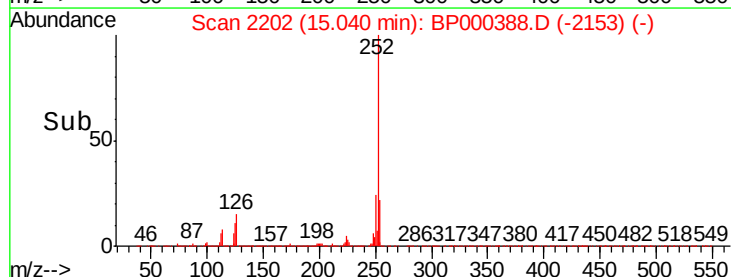
125 11.2 9.5 14.3

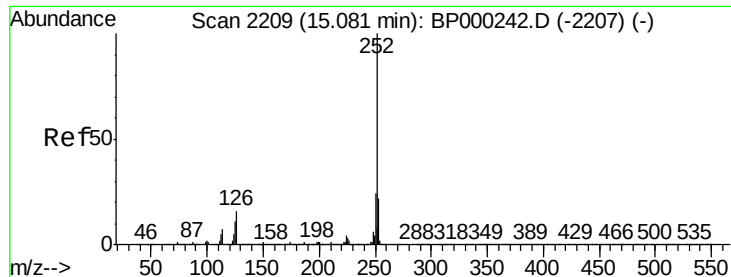


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

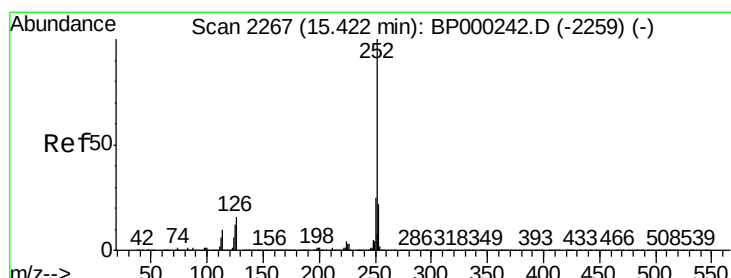
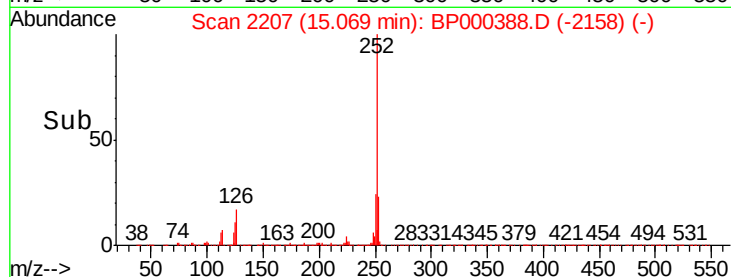
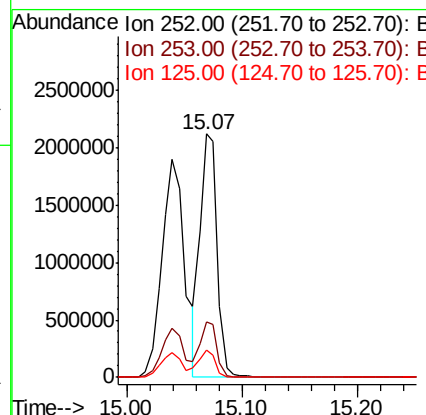
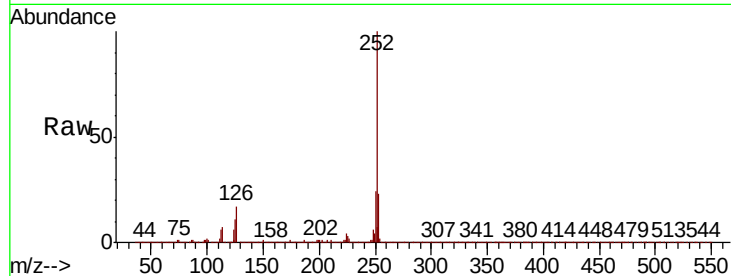




#89
Benzo(k)fluoranthene
Concen: 47.907 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

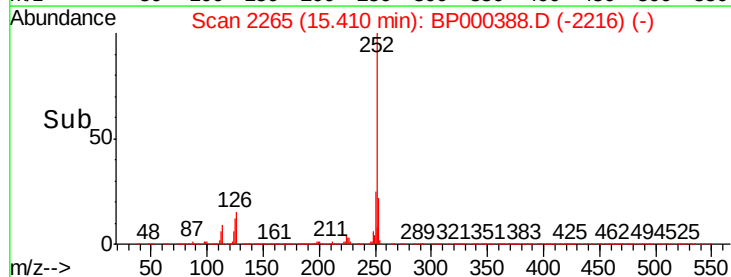
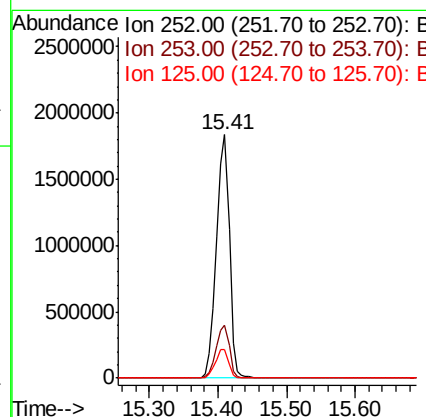
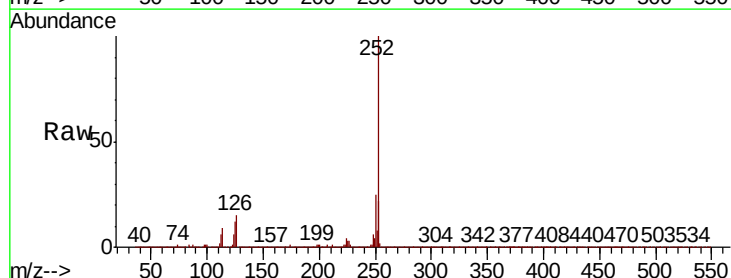
Instrument :
BNA_P
ClientSampleId :

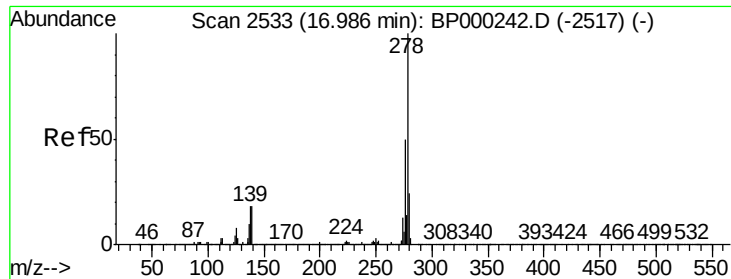
Tot Ion:252 Resp: 2199145
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 11.5 9.6 14.4



#90
Benzo(a)pyrene
Concen: 49.966 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Tgt Ion:252 Resp: 2392587
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 11.7 10.0 15.0



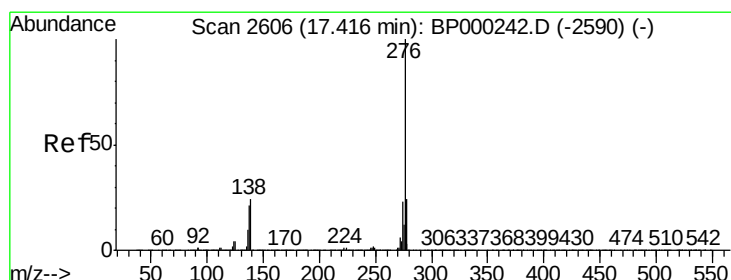
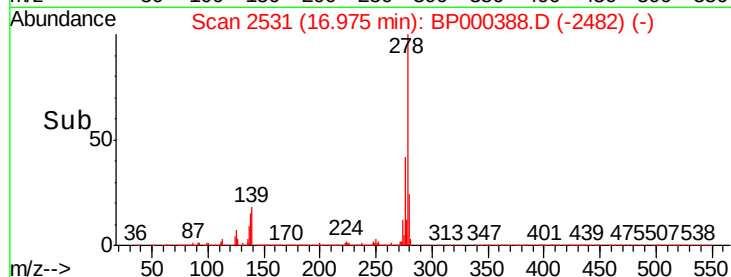
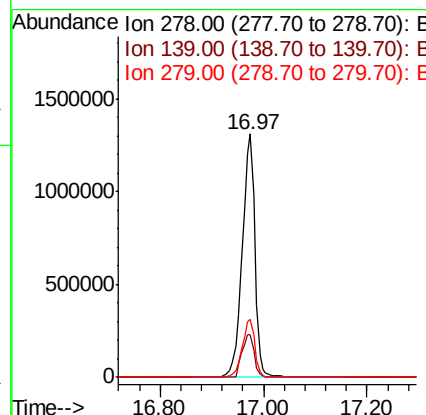
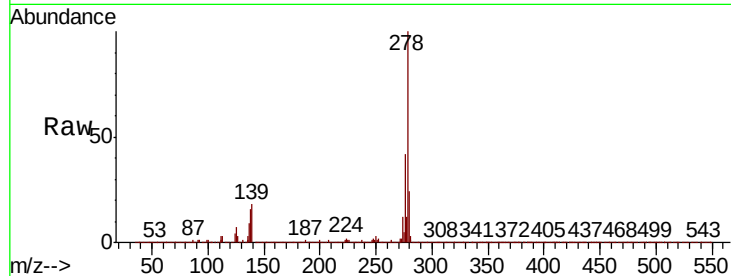


#91
Dibenzo(a,h)anthracene
Concen: 50.109 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 2237091

Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.5	21.7
279	24.1	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 50.289 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BP000388.D
Acq: 24 Sep 2019 16:59

Tgt Ion:276 Resp: 2307702

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	23.8	19.5	29.3

