

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
 Data File : BP000434.D
 Acq On : 26 Sep 2019 20:00
 Operator : JU
 Sample : K5038-09MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 00:14:50 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	194598	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	704648	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	202963	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	384061	20.00	ng	0.00
76) Chrysene-d12	14.01	240	519466	20.00	ng	0.01
87) Perylene-d12	15.50	264	700923	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	859263	76.23	ng	0.02
7) Phenol-d6	6.44	99	1300483	94.12	ng	0.02
23) Nitrobenzene-d5	7.35	82	720146	65.94	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	240854	119.64	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	881587	78.18	ng	0.00
79) Terphenyl-d14	12.94	244	1357207	54.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	211396	41.558	ng	99
3) Pyridine	3.29	79	513500	37.498	ng	100
4) n-Nitrosodimethylamine	3.22	42	178399	46.201	ng	96
6) Aniline	6.46	93	489067	25.671	ng	# 51
8) 2-Chlorophenol	6.58	128	597018	49.185	ng	96
9) Benzaldehyde	6.34	77	379364	52.988	ng	97
10) Phenol	6.45	94	770568	49.085	ng	86
11) bis(2-Chloroethyl)ether	6.52	93	569406	47.364	ng	99
12) 1,3-Dichlorobenzene	6.73	146	645434	44.311	ng	99
13) 1,4-Dichlorobenzene	6.81	146	642088	44.305	ng	97
14) 1,2-Dichlorobenzene	6.96	146	549673	41.404	ng	99
15) Benzyl Alcohol	6.93	79	420209	41.790	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	388253	34.065	ng	88
17) 2-Methylphenol	7.06	107	413258	39.751	ng	95
18) Hexachloroethane	7.30	117	180577	33.670	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	260362	35.639	ng	98
20) 3+4-Methylphenols	7.21	107	534692	42.531	ng	# 70
22) Acetophenone	7.20	105	658199	43.103	ng	# 98
24) Nitrobenzene	7.37	77	549688	48.457	ng	96
25) Isophorone	7.61	82	990027	45.779	ng	98
26) 2-Nitrophenol	7.69	139	283910	47.209	ng	92
27) 2,4-Dimethylphenol	7.73	122	493903	51.559	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	642163	44.646	ng	99
29) 2,4-Dichlorophenol	7.94	162	467333	45.519	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	475379	40.396	ng	99
31) Naphthalene	8.10	128	1632652	50.028	ng	99
32) Benzoic acid	7.85	122	313637	48.491	ng	95
33) 4-Chloroaniline	8.15	127	233570	15.815	ng	100
34) Hexachlorobutadiene	8.22	225	314397	45.090	ng	100
35) Caprolactam	8.50	113	68649	19.656	ng	95
36) 4-Chloro-3-methylphenol	8.64	107	274252	26.314	ng	96
37) 2-Methylnaphthalene	8.79	142	591032	26.493	ng	97
38) 1-Methylnaphthalene	8.89	142	547946	26.220	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	321592	55.418	ng	98

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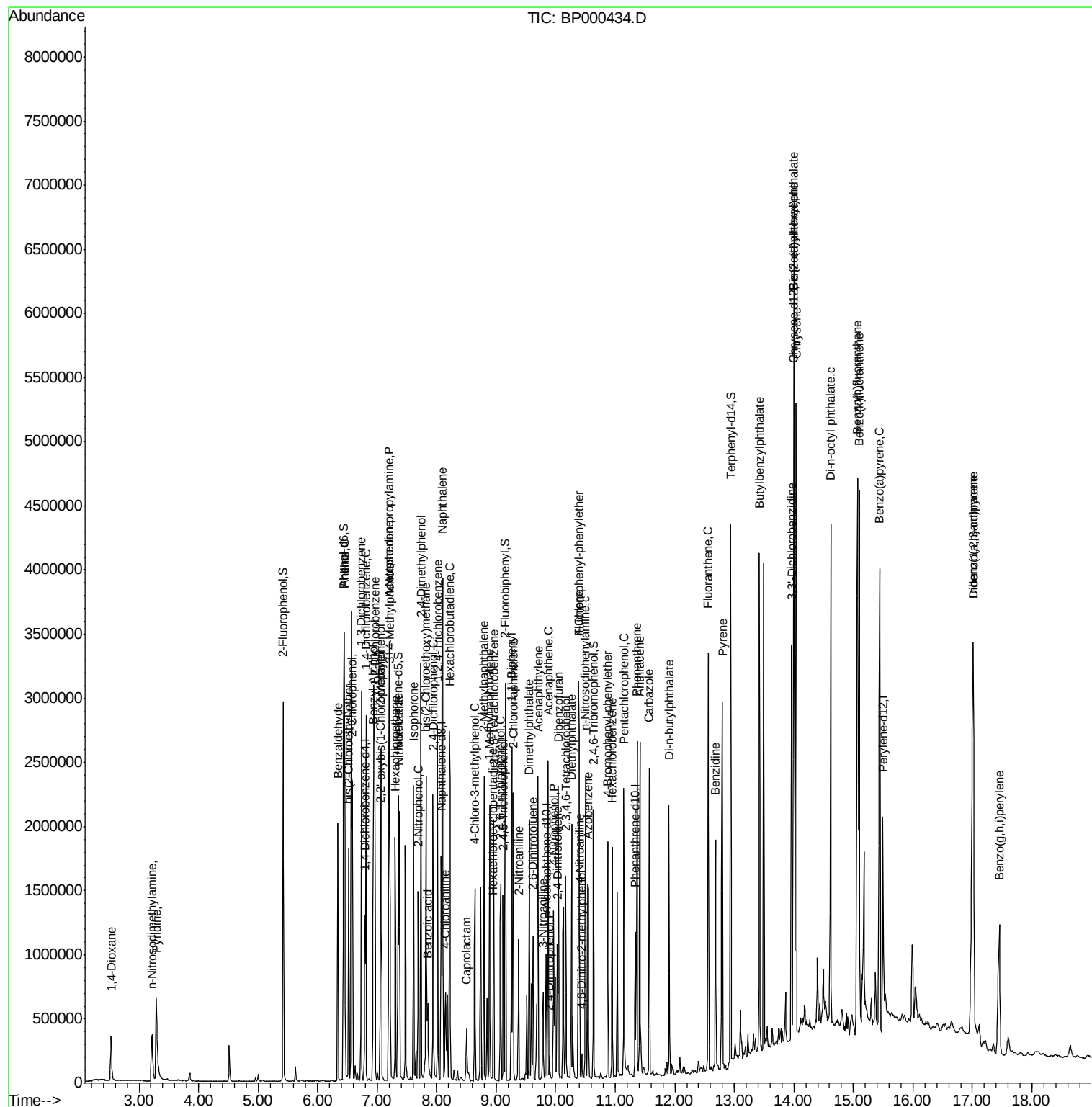
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	50517	15.160	nq	98
43) 2,4,6-Trichlorophenol	9.08	196	204958	51.042	nq	98
44) 2,4,5-Trichlorophenol	9.12	196	218996	53.262	nq	# 95
46) 1,1'-Biphenyl	9.26	154	736124	52.428	nq	98
47) 2-Chloronaphthalene	9.28	162	574297	48.760	nq	100
48) 2-Nitroaniline	9.38	65	144590	48.341	nq	90
49) Acenaphthylene	9.70	152	929273	52.488	nq	99
50) Dimethylphthalate	9.56	163	809722	58.556	nq	99
51) 2,6-Dinitrotoluene	9.62	165	146986	48.343	nq	96
52) Acenaphthene	9.87	154	525644	47.048	nq	99
53) 3-Nitroaniline	9.79	138	99476	28.187	nq	97
54) 2,4-Dinitrophenol	9.90	184	27881	20.756	nq	93
55) Dibenzofuran	10.05	168	836923	52.990	nq	97
56) 4-Nitrophenol	9.97	139	231419	88.162	nq	87
57) 2,4-Dinitrotoluene	10.03	165	192107	48.331	nq	91
58) Fluorene	10.39	166	644413	52.824	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	181093	53.525	nq	98
60) Diethylphthalate	10.26	149	686616	51.617	nq	99
61) 4-Chlorophenyl-phenylether	10.38	204	339751	54.256	nq	98
62) 4-Nitroaniline	10.40	138	141317	40.710	nq	# 83
63) Azobenzene	10.54	77	527706	46.825	nq	94
65) 4,6-Dinitro-2-methylphenol	10.44	198	24480	13.556	nq	96
66) n-Nitrosodiphenylamine	10.50	169	568253	49.150	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	223944	51.564	nq	100
68) Hexachlorobenzene	10.95	284	250329	52.724	nq	96
69) Atrazine	11.03	200	176831	Below Cal		97
70) Pentachlorophenol	11.15	266	261738	101.217	nq	99
71) Phenanthrene	11.36	178	1016861	52.834	nq	99
72) Anthracene	11.41	178	1017288	51.351	nq	99
73) Carbazole	11.57	167	884858	49.597	nq	99
74) Di-n-butylphthalate	11.90	149	1085613	48.074	nq	# 99
75) Fluoranthene	12.56	202	1238285	59.918	nq	95
77) Benzidine	12.69	184	686996	37.030	nq	97
78) Pyrene	12.80	202	1310582	33.722	nq	99
80) Butylbenzylphthalate	13.42	149	855212	47.889	nq	98
81) Benzo(a)anthracene	14.00	228	1751291	53.371	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	650788	49.349	nq	99
83) Chrysene	14.04	228	1719739	53.378	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1025577	47.841	nq	98
85) Di-n-octyl phthalate	14.62	149	2005854	50.485	nq	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	1858051	47.313	nq	97
88) Benzo(b)fluoranthene	15.07	252	2138450	51.141	nq	99
89) Benzo(k)fluoranthene	15.10	252	1867725	51.206	nq	98
90) Benzo(a)pyrene	15.44	252	1776796	46.699	nq	99
91) Dibenzo(a,h)anthracene	17.02	278	1492714	42.080	nq	97
92) Benzo(g,h,i)perylene	17.45	276	907748	24.896	nq	# 91

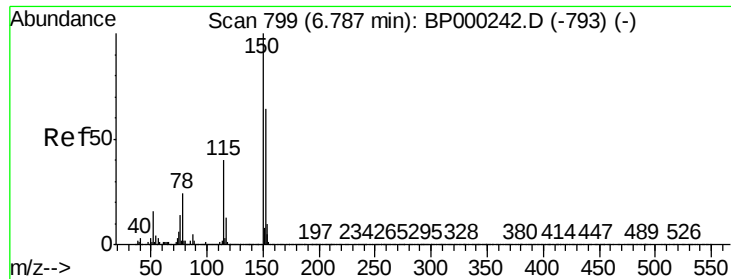
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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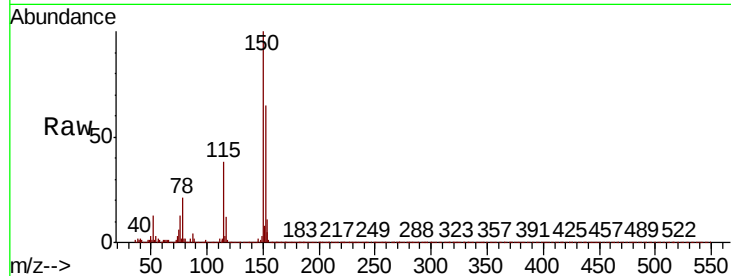


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	125.2	187.8
115	58.0	49.7	74.5

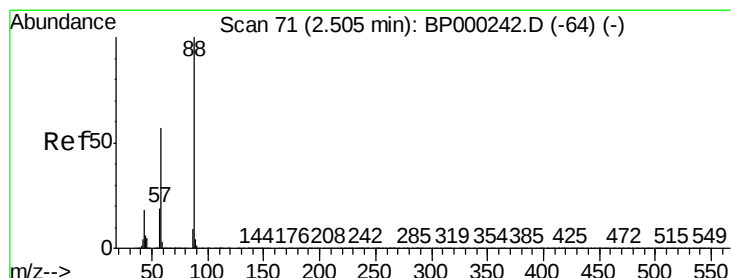
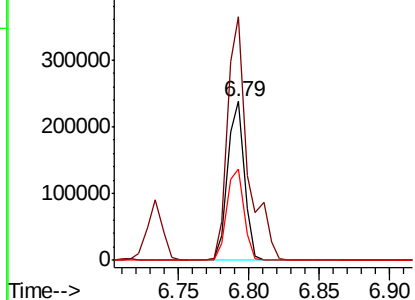
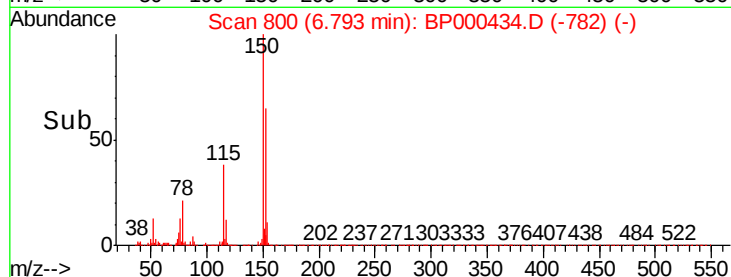


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

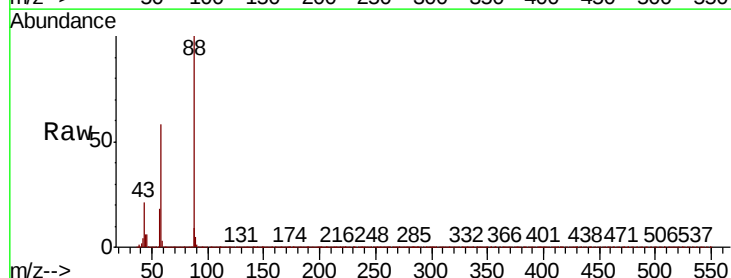
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.558 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.02 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.5	45.4	68.2
43	19.8	15.0	22.6

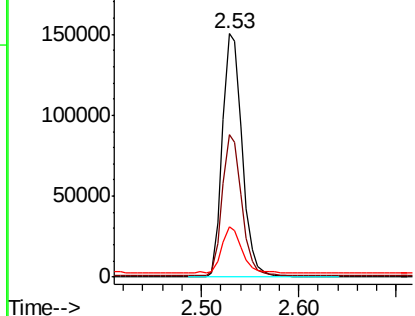
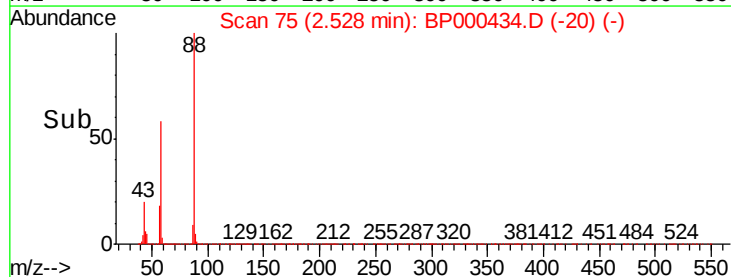


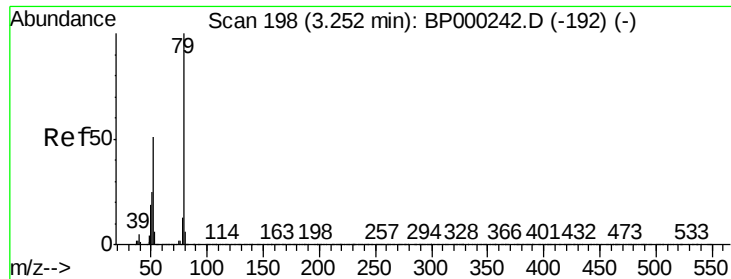
Abundance

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: 37.498 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.04 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

ClientSampleId :

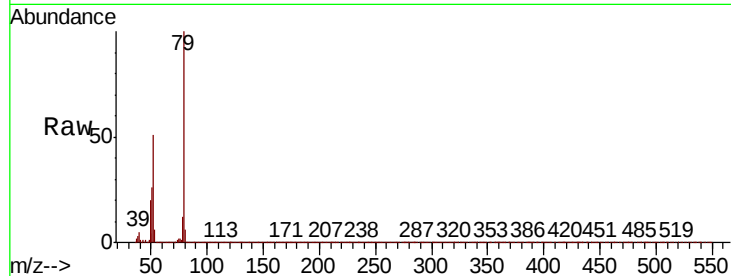
Tot Ion: 79 Resp: 513500

Ion Ratio Lower Upper

79 100

52 51.2 40.9 61.3

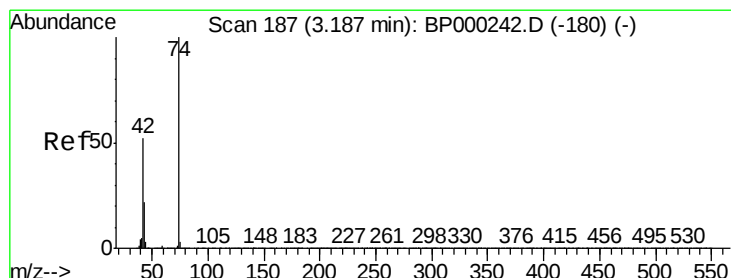
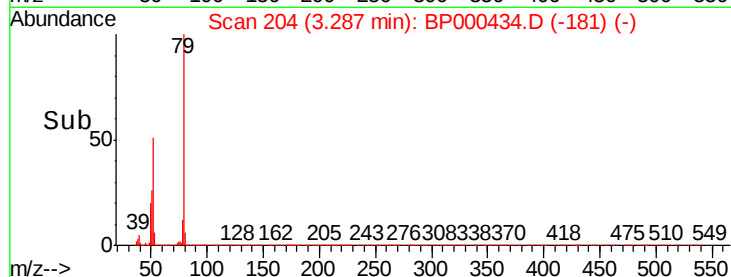
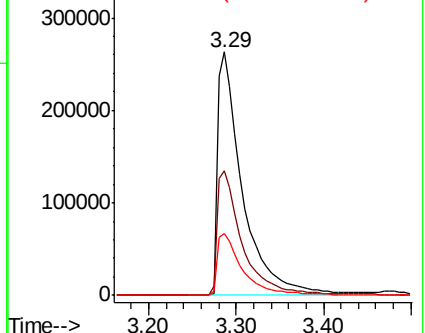
51 25.6 20.2 30.2



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 46.201 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.03 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

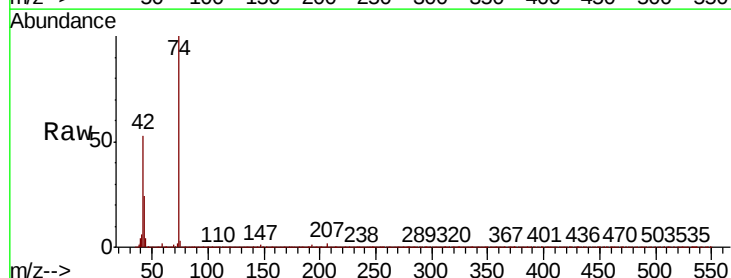
Tgt Ion: 42 Resp: 178399

Ion Ratio Lower Upper

42 100

74 186.9 154.5 231.7

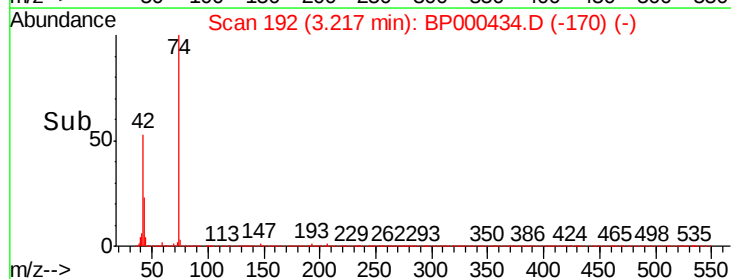
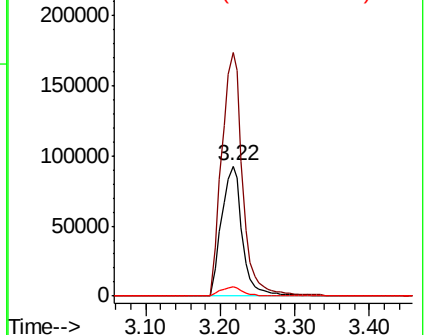
44 7.3 5.9 8.9

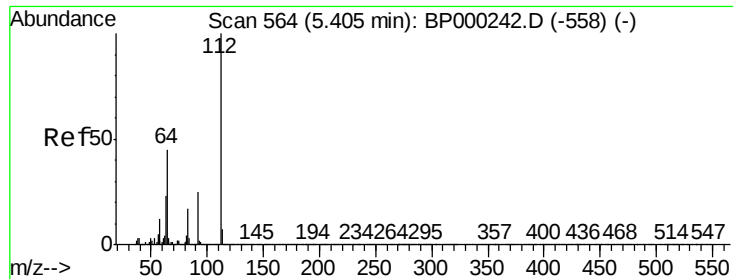


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 76.228 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

ClientSampleId :

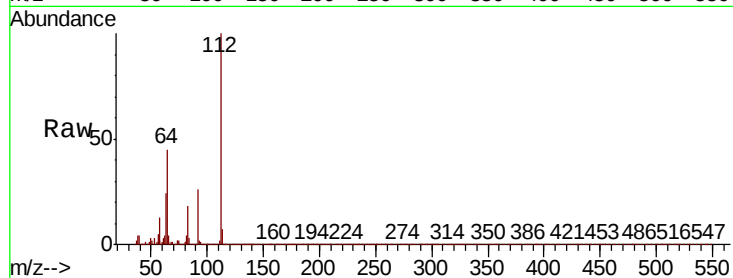
Tot Ion: 112 Resp: 859263

Ion Ratio Lower Upper

112 100

64 45.4 36.2 54.4

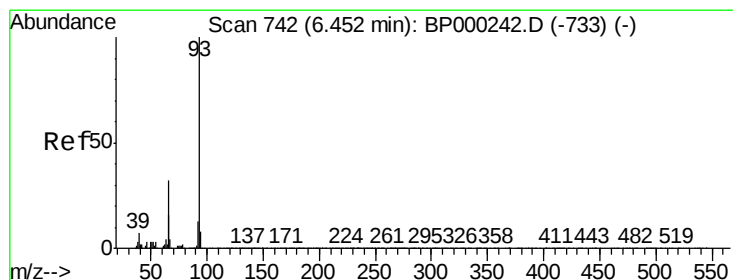
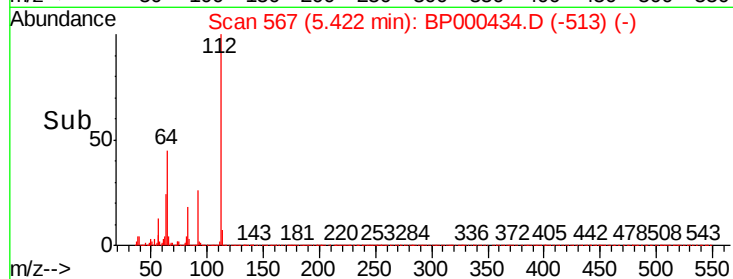
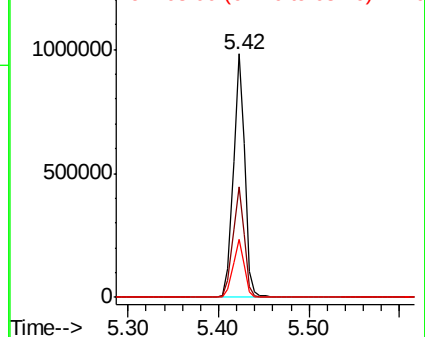
63 23.9 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 25.671 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

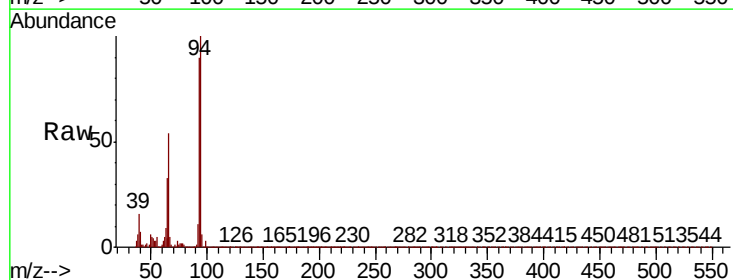
Tgt Ion: 93 Resp: 489067

Ion Ratio Lower Upper

93 100

66 60.2 26.2 39.2#

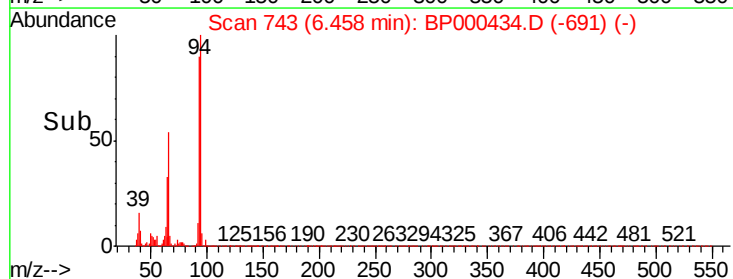
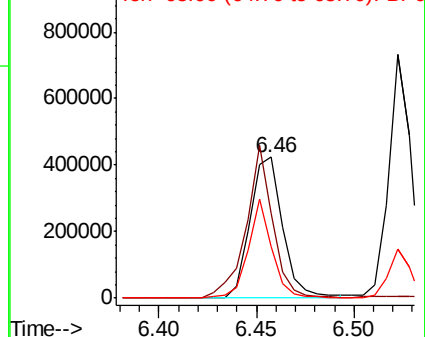
65 36.4 12.7 19.1#

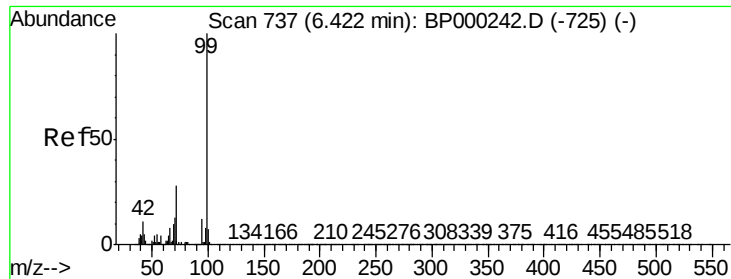


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 94.119 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.02 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

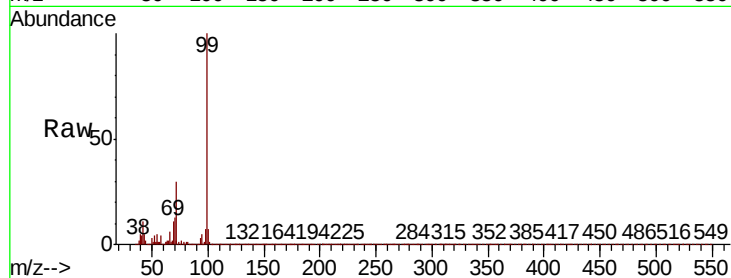
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1300483

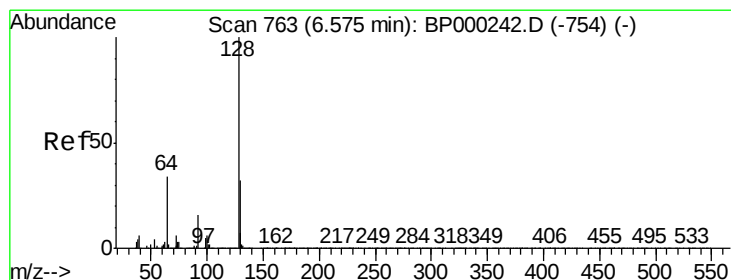
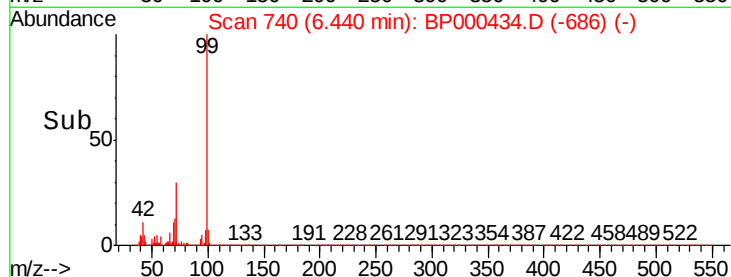
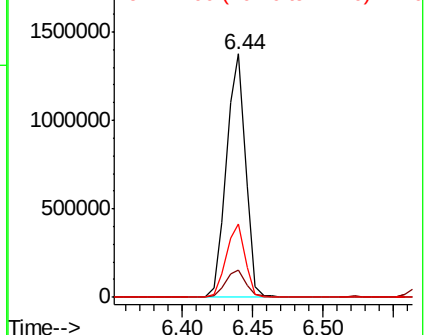
Ion	Ratio	Lower	Upper
99	100		
42	11.0	8.5	12.7
71	29.9	22.6	34.0



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: 49.185 ng

RT: 6.58 min Scan# 764

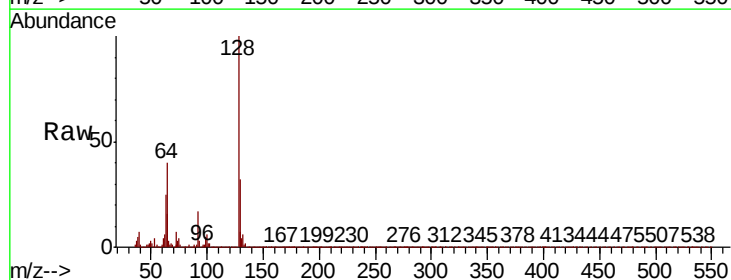
Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Tgt Ion: 128 Resp: 597018

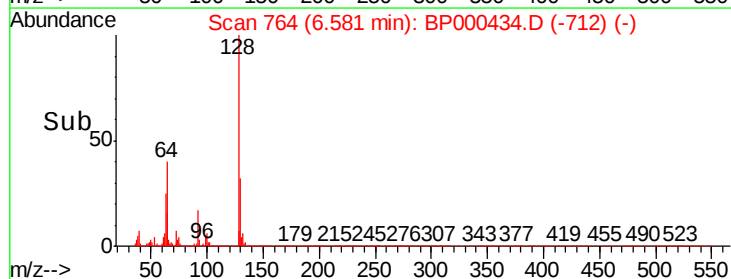
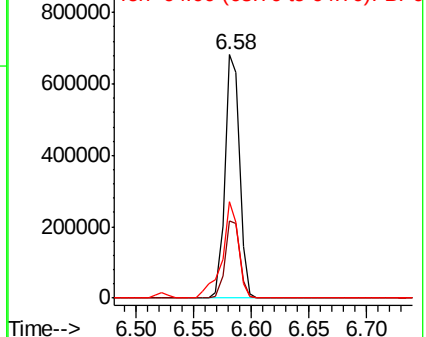
Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.5	52.5
64	39.8	16.0	56.0

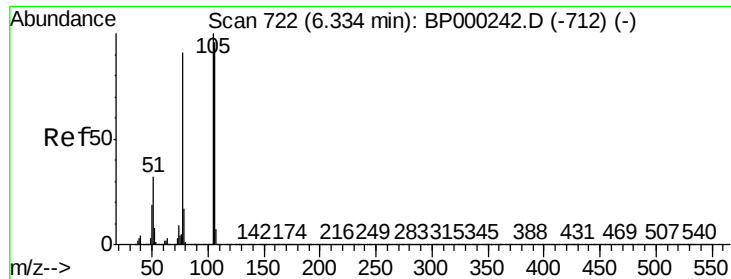


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 52.988 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BP000434.D

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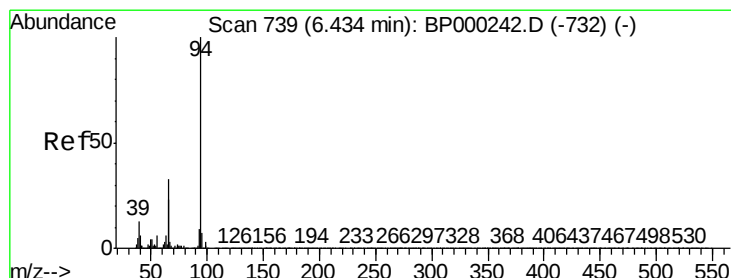
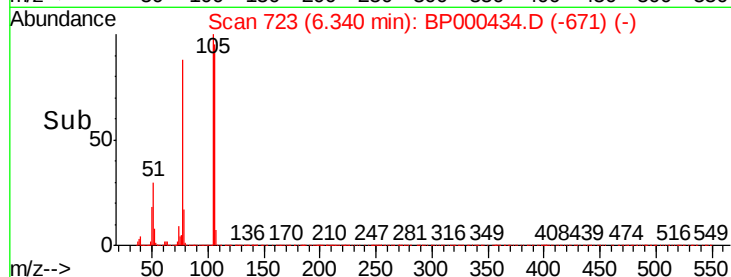
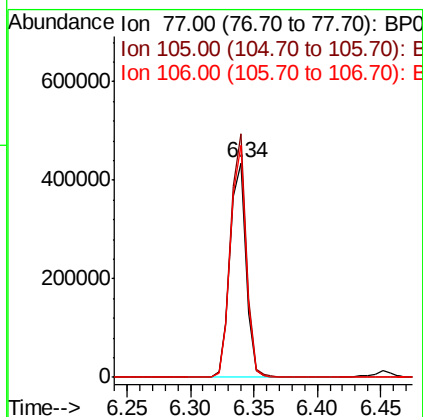
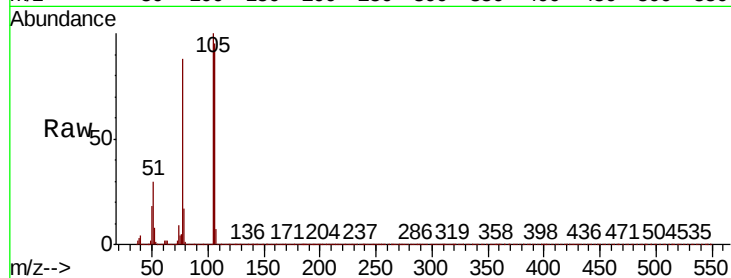
Tot Ion: 77 Resp: 379364

Ion Ratio Lower Upper

77 100

105 113.3 89.6 129.6

106 107.8 84.6 124.6



#10

Phenol

Concen: 49.085 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.02 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

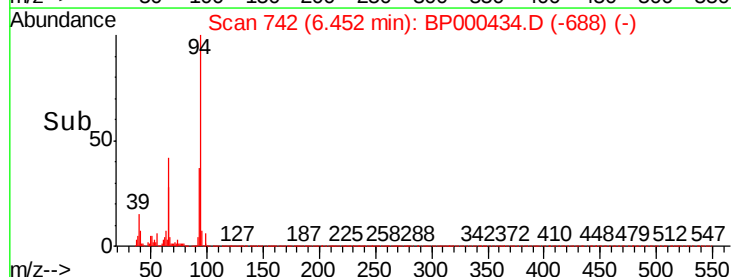
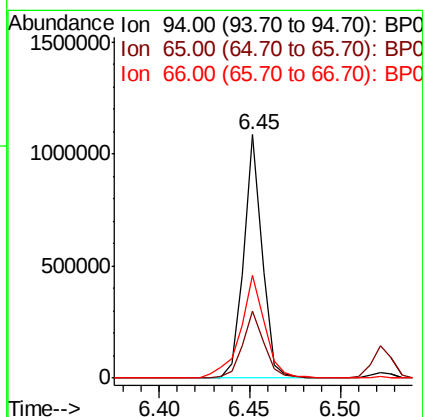
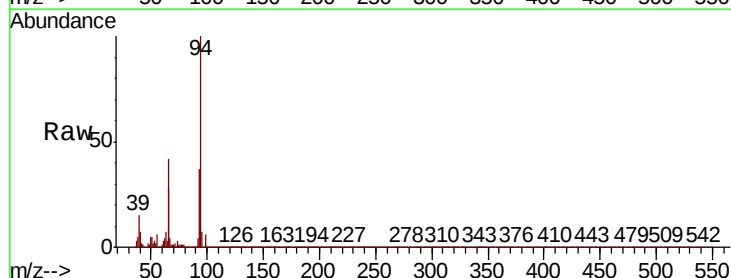
Tgt Ion: 94 Resp: 770568

Ion Ratio Lower Upper

94 100

65 27.5 3.3 43.3

66 42.3 12.7 52.7

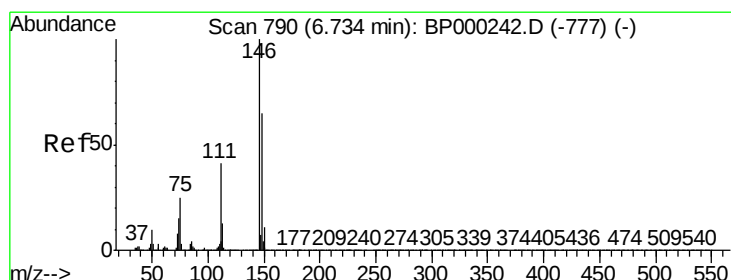
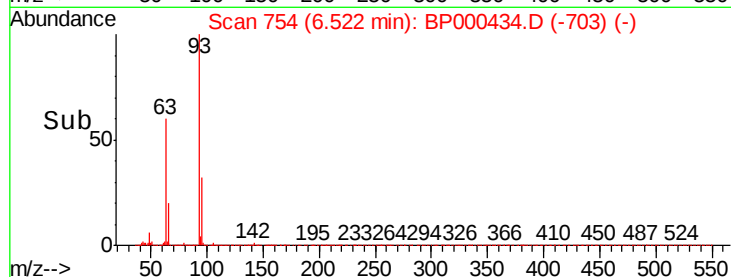
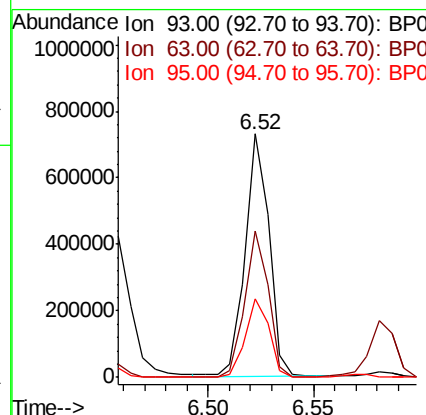
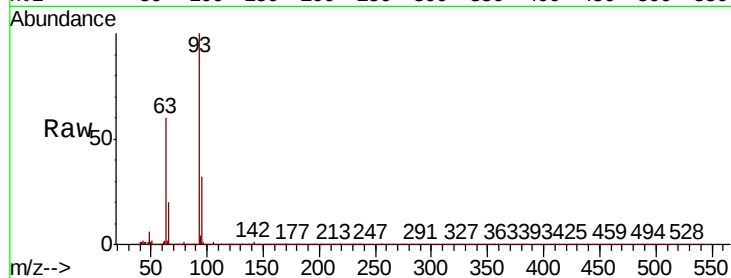




#11
bis(2-Chloroethyl)ether
Concen: 47.364 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

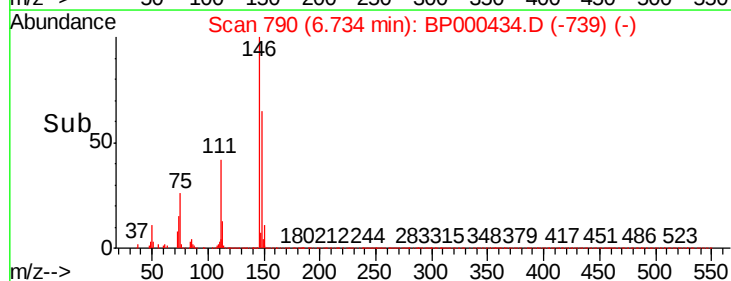
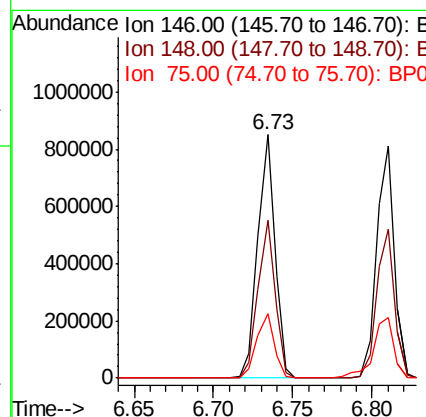
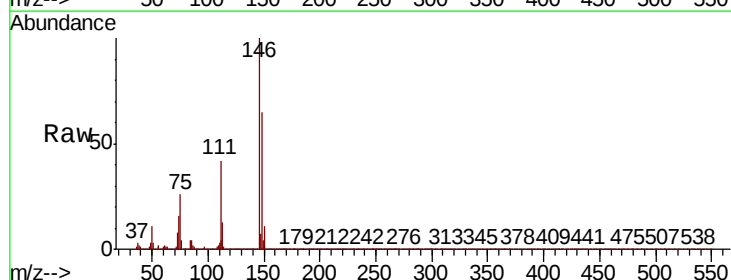
Instrument :
BNA_P
ClientSampleId :

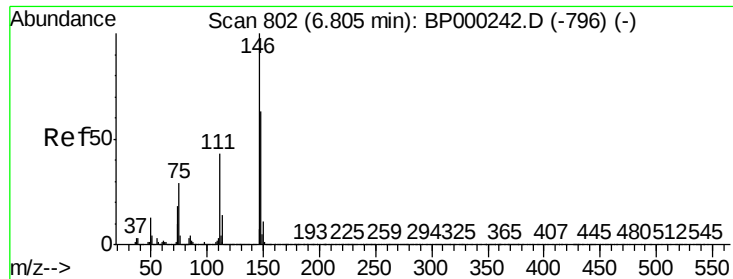
Tot Ion:	93	Resp:	569406
Ion	Ratio	Lower	Upper
93	100		
63	60.3	41.0	81.0
95	32.0	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 44.311 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion:	146	Resp:	645434
Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.1	78.1
75	26.4	20.2	30.4

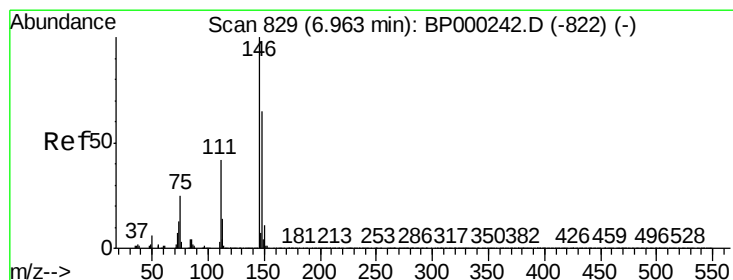
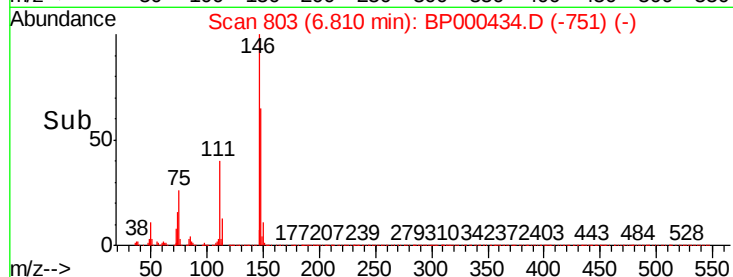
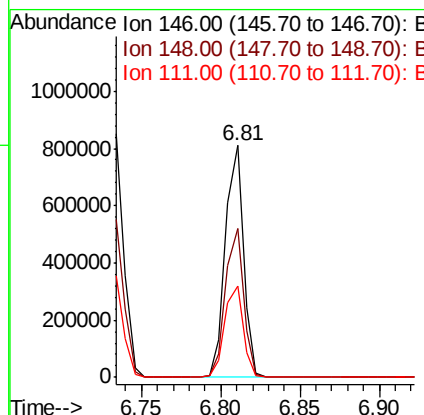
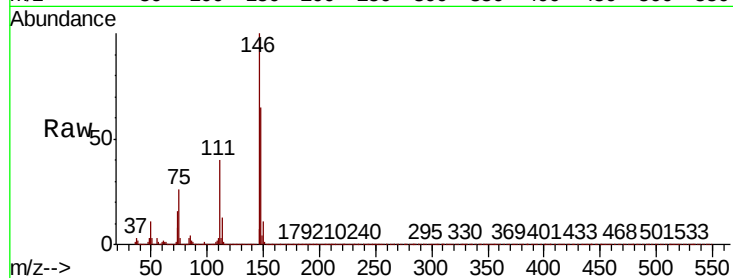




#13
1,4-Dichlorobenzene
Concen: 44.305 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

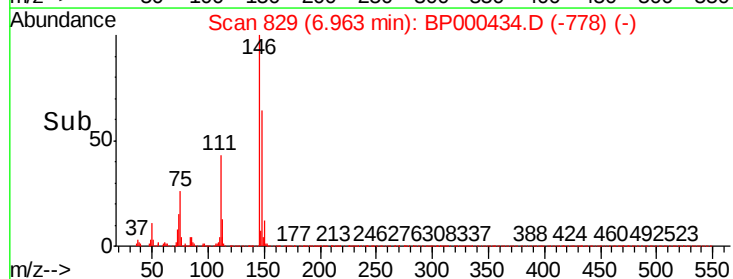
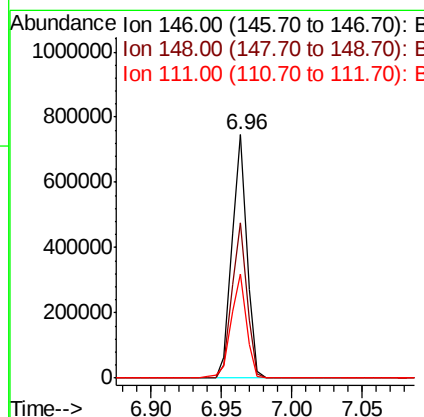
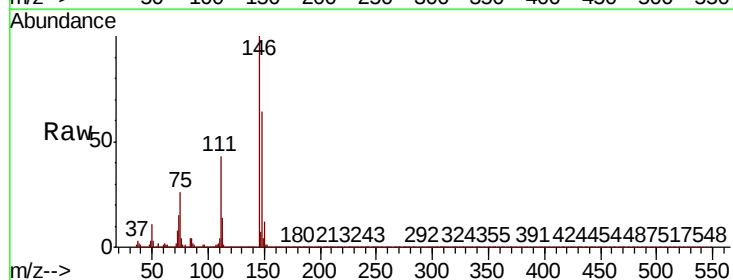
Instrument :
BNA_P
ClientSampleId :

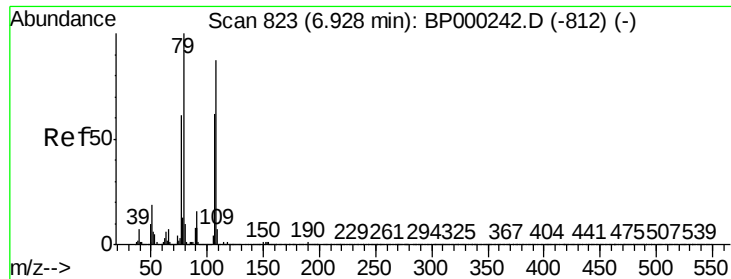
Tot Ion:146 Resp: 642088
Ion Ratio Lower Upper
146 100
148 64.5 50.7 76.1
111 39.7 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 41.404 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion:146 Resp: 549673
Ion Ratio Lower Upper
146 100
148 63.8 51.7 77.5
111 42.8 33.4 50.2





#15

Benzyl Alcohol

Concen: 41.790 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

ClientSampleId :

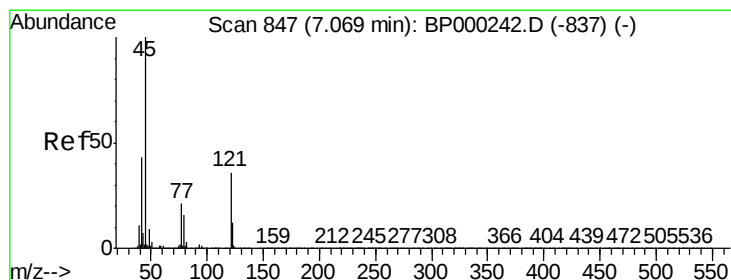
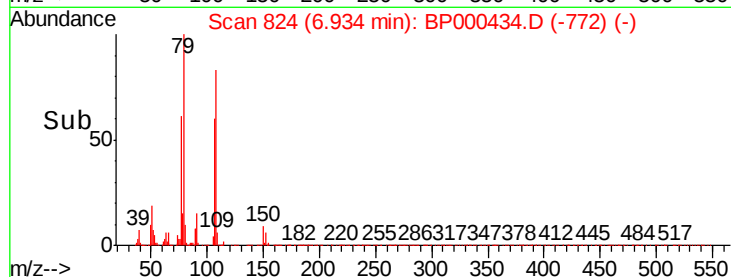
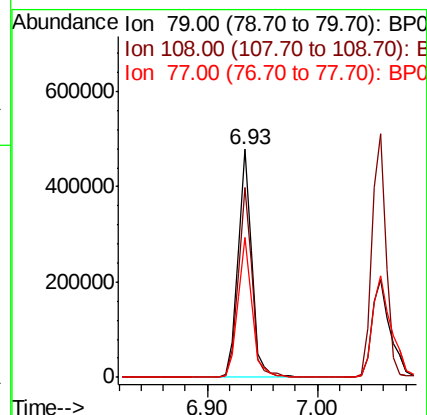
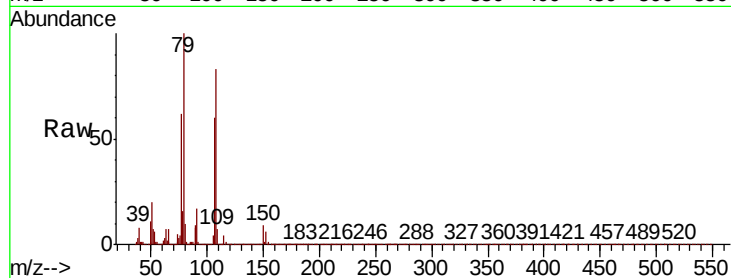
Tot Ion: 79 Resp: 420209

Ion	Ratio	Lower	Upper
79	100		
108	83.4	69.2	103.8
77	61.6	48.7	73.1

79 100

108 83.4 69.2 103.8

77 61.6 48.7 73.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.065 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

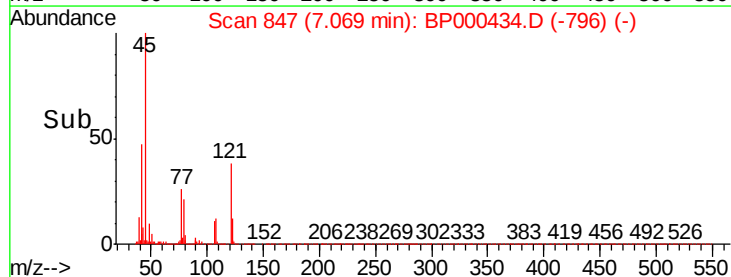
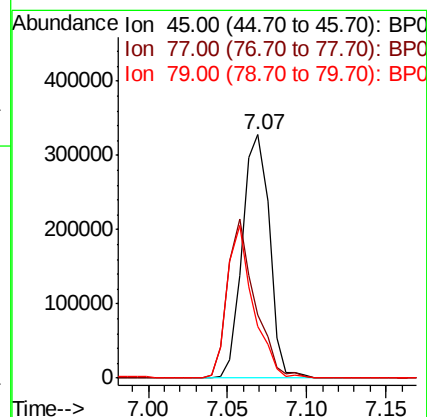
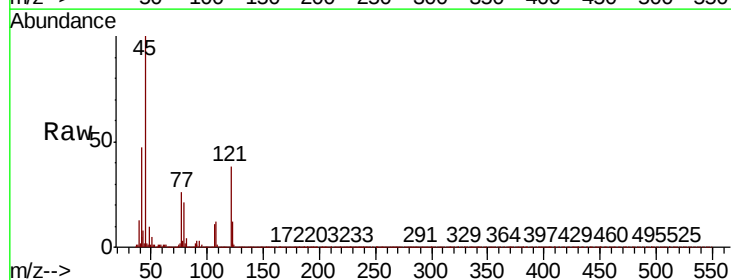
Tgt Ion: 45 Resp: 388253

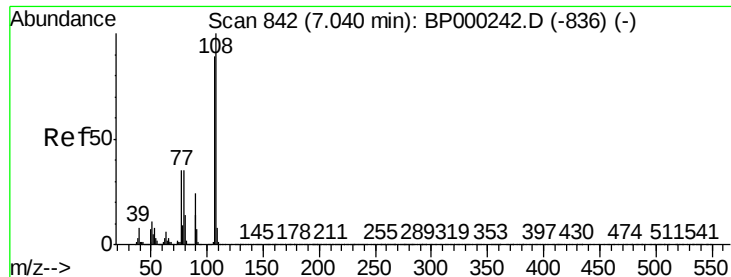
Ion	Ratio	Lower	Upper
45	100		
77	26.1	0.7	40.7
79	21.3	0.0	36.4

45 100

77 26.1 0.7 40.7

79 21.3 0.0 36.4

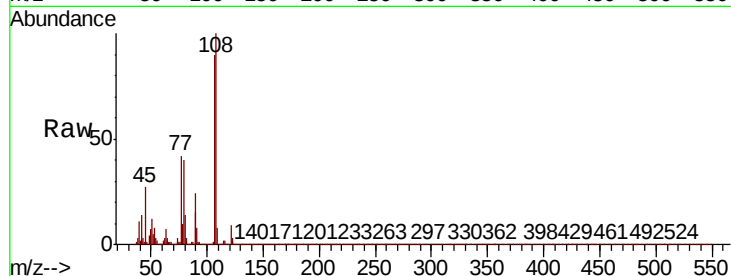




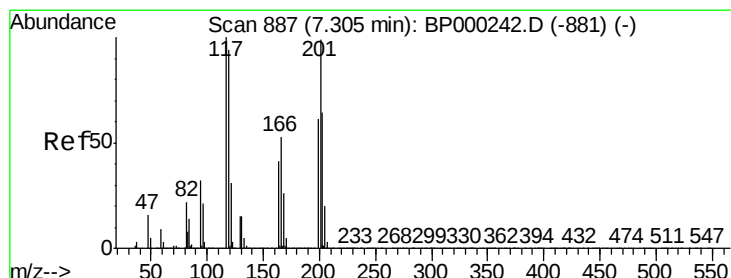
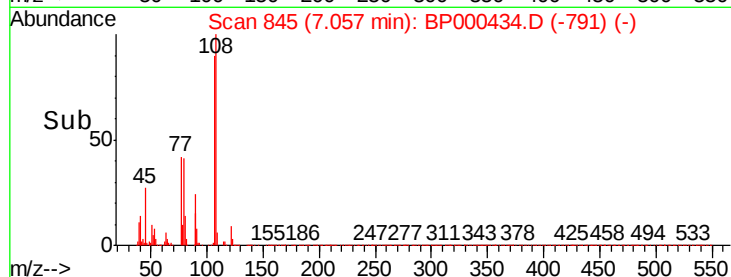
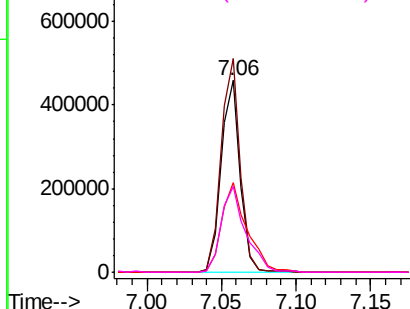
#17
2-Methylphenol
Concen: 39.751 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.02 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	107	Resp:	413258
Ion	Ratio	Lower	Upper
107	100		
108	111.3	90.1	135.1
77	46.6	31.5	47.3
79	44.9	32.2	48.2

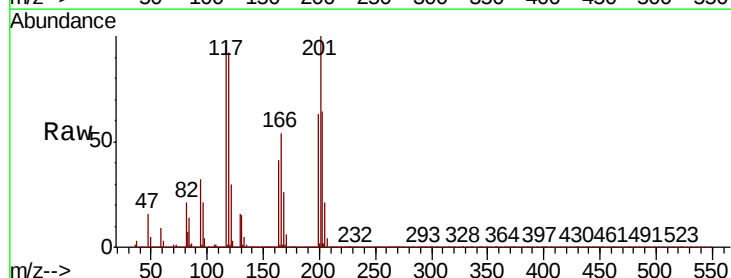


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0
Ion 79.00 (78.70 to 79.70): BP0

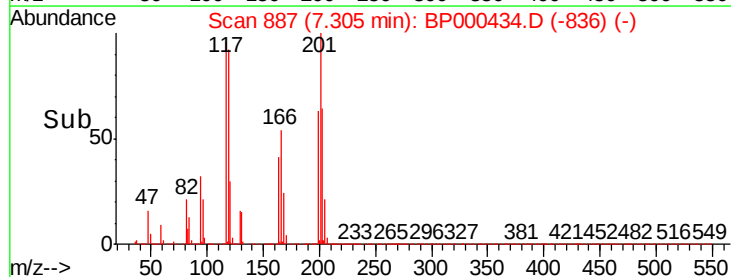
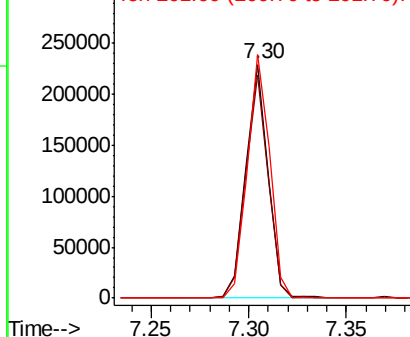


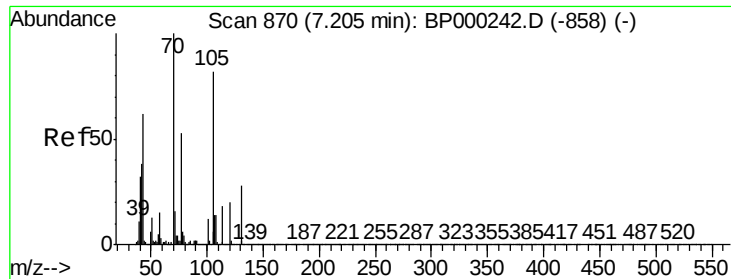
#18
Hexachloroethane
Concen: 33.670 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion:	117	Resp:	180577
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.6	113.4
201	104.3	79.4	119.2



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

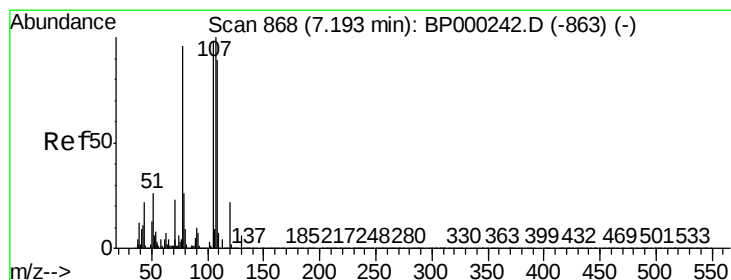
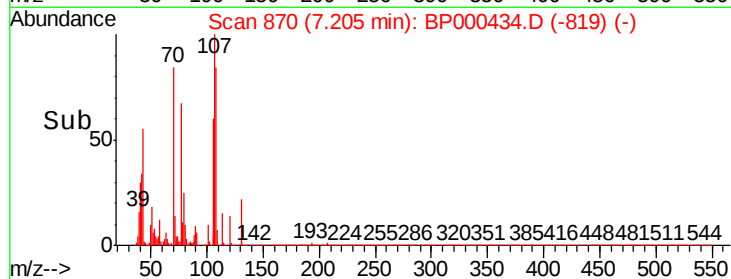
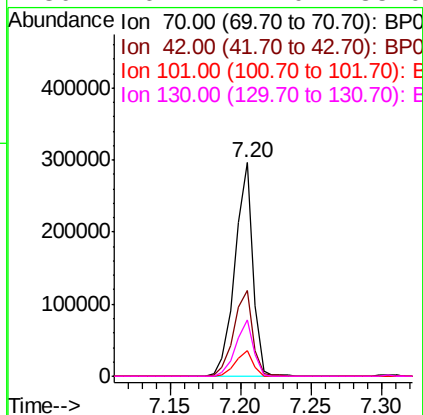
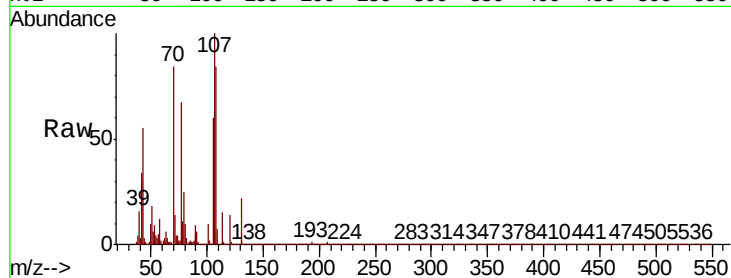




#19
n-Nitroso-di-n-propylamine
Concen: 35.639 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

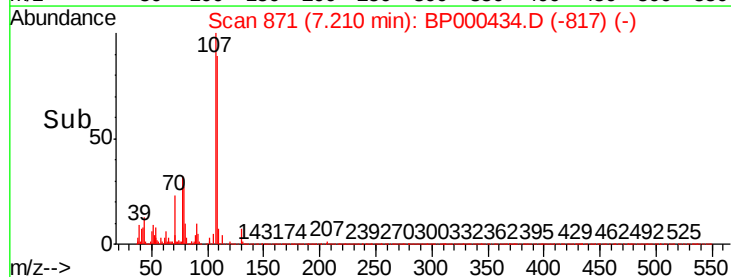
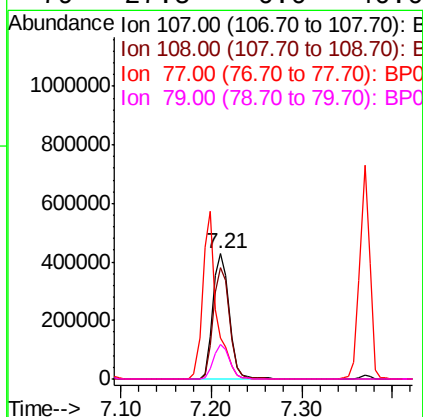
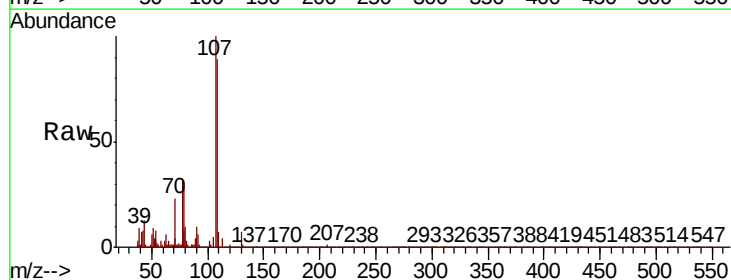
Instrument :
BNA_P
ClientSampleId :

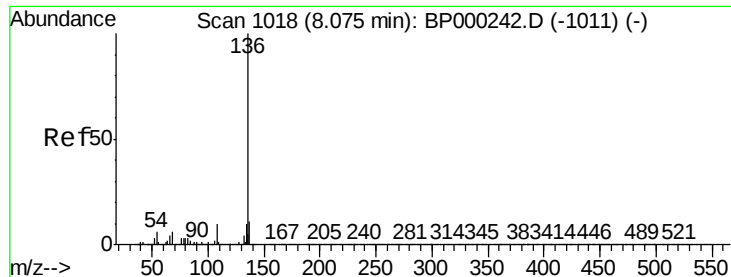
Tot Ion:	70	Resp:	260362
Ion	Ratio	Lower	Upper
70	100		
42	40.3	30.7	46.1
101	11.9	9.6	14.4
130	26.4	22.0	33.0



#20
3+4-Methylphenols
Concen: 42.531 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.02 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion:	107	Resp:	534692
Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.8	108.8
77	32.3	75.7	115.7#
79	27.5	6.0	46.0

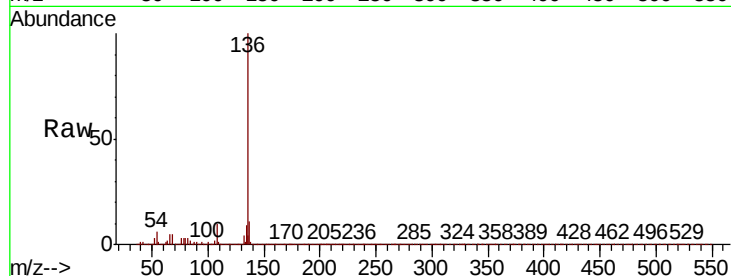




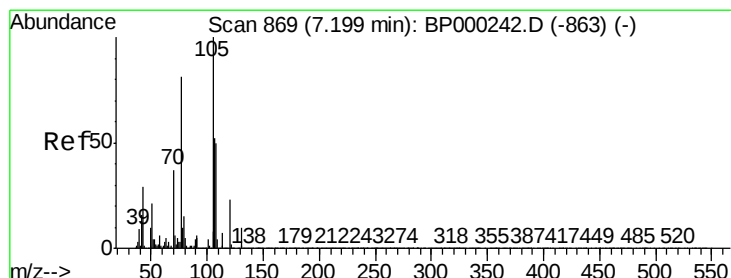
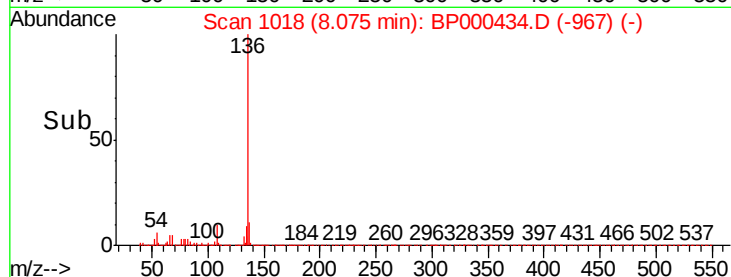
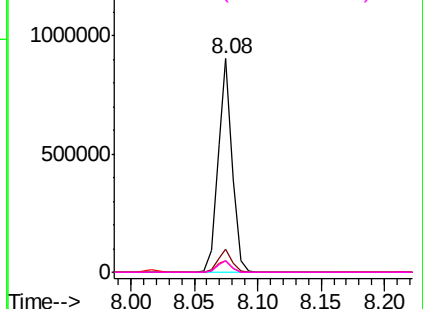
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	704648
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.6 13.0
54	5.6	4.5 6.7
68	5.5	4.5 6.7

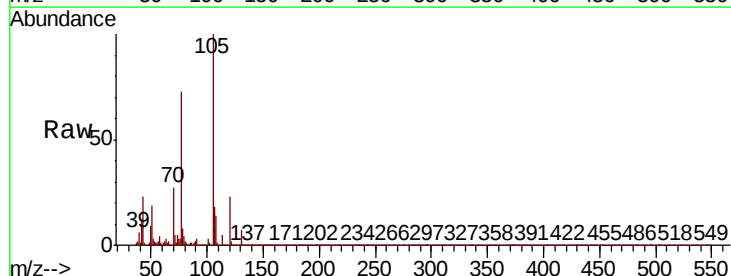


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

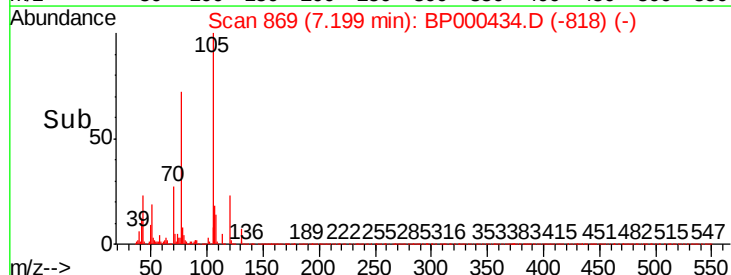
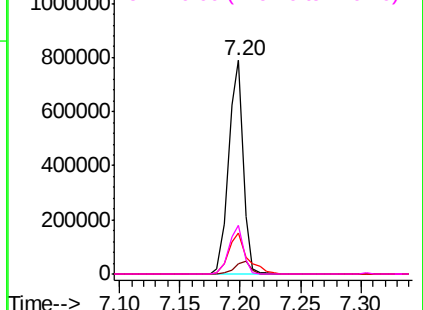


#22
Acetophenone
Concen: 43.103 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion:105	Resp:	658199
Ion Ratio	Lower	Upper
105	100	
71	4.6	5.2 7.8#
51	19.1	16.6 24.8
120	22.8	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

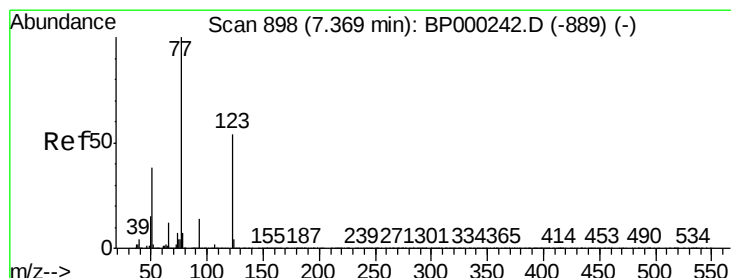
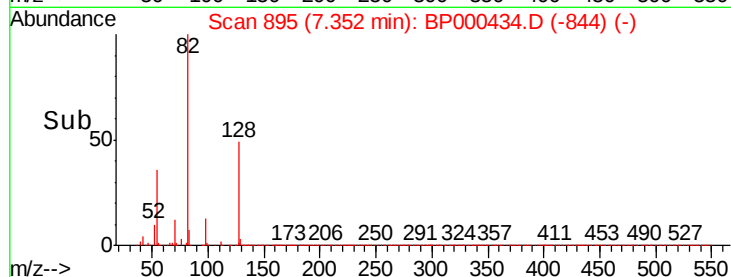
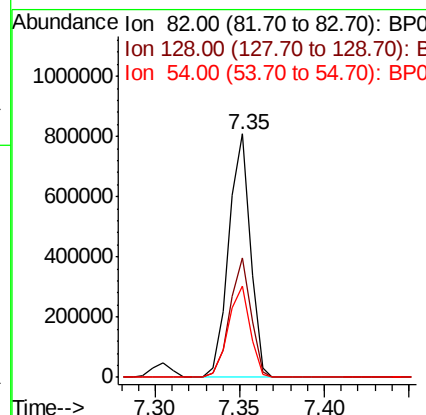
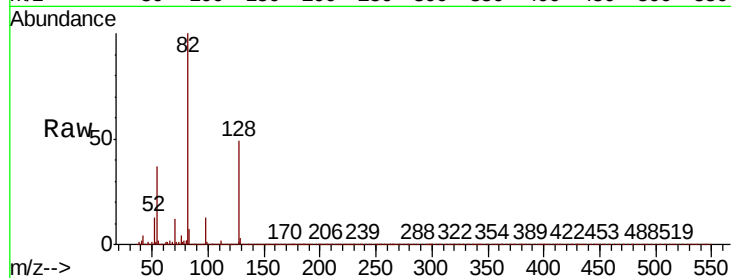




#23
 Nitrobenzene-d5
 Concen: 65.939 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BP000434.D
 Acq: 26 Sep 2019 20:00

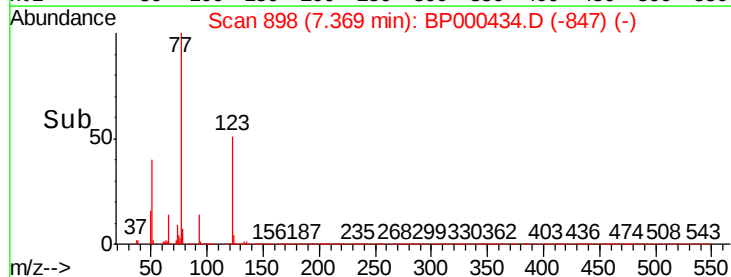
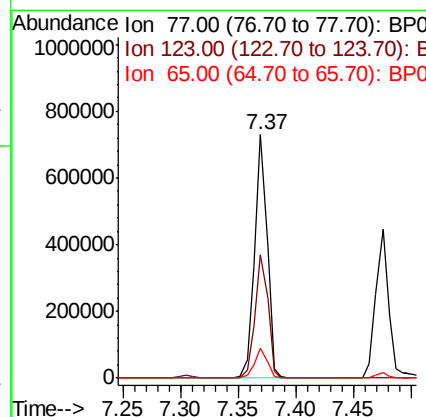
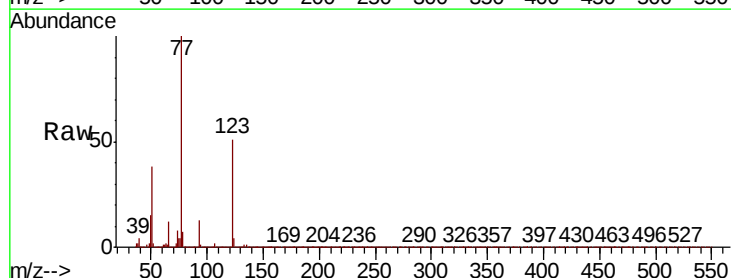
Instrument :
 BNA_P
 ClientSampleId :

Tot Ion: 82 Resp: 720146
 Ion Ratio Lower Upper
 82 100
 128 48.9 40.7 61.1
 54 37.3 30.1 45.1



#24
 Nitrobenzene
 Concen: 48.457 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BP000434.D
 Acq: 26 Sep 2019 20:00

Tgt Ion: 77 Resp: 549688
 Ion Ratio Lower Upper
 77 100
 123 50.6 43.1 64.7
 65 12.1 9.4 14.2





#25

Isophorone

Concen: 45.779 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

ClientSampled :

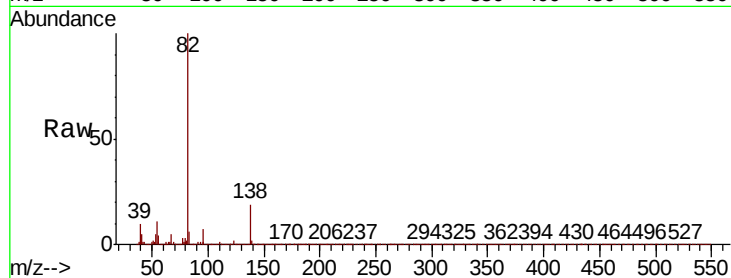
Tot Ion: 82 Resp: 990027

Ion Ratio Lower Upper

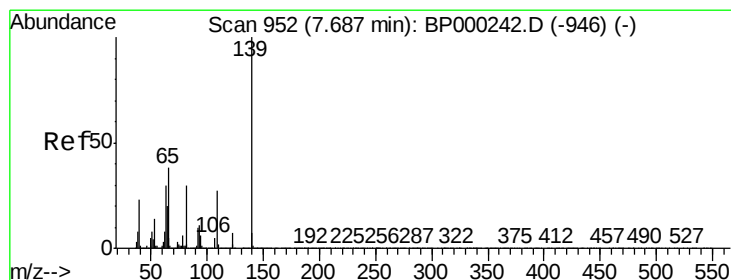
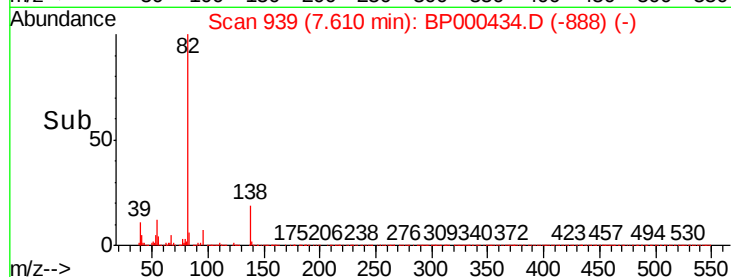
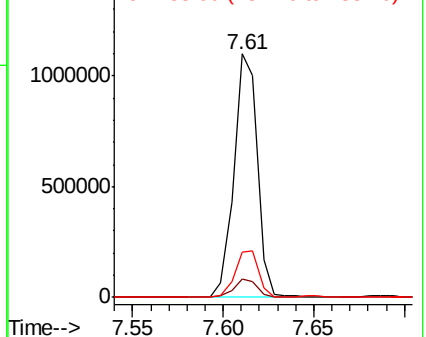
82 100

95 7.4 5.9 8.9

138 18.5 15.9 23.9



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



#26

2-Nitrophenol

Concen: 47.209 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

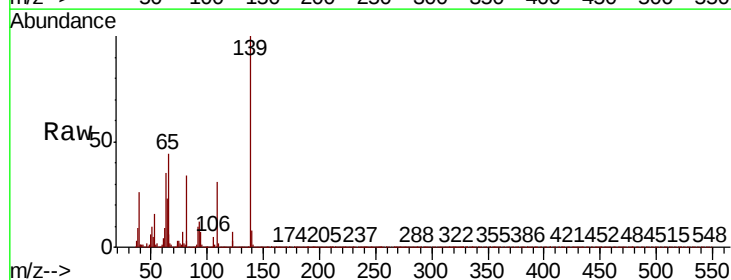
Tgt Ion: 139 Resp: 283910

Ion Ratio Lower Upper

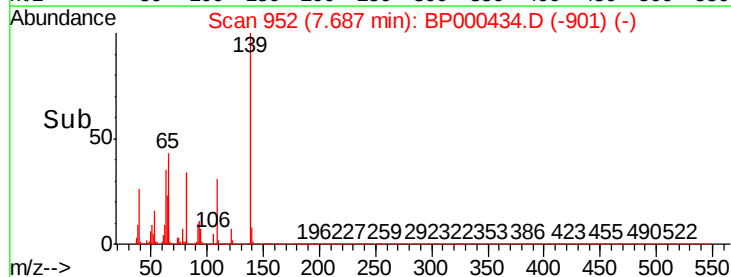
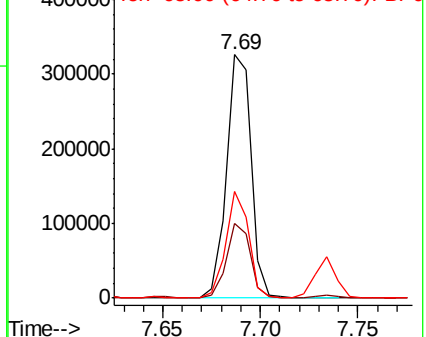
139 100

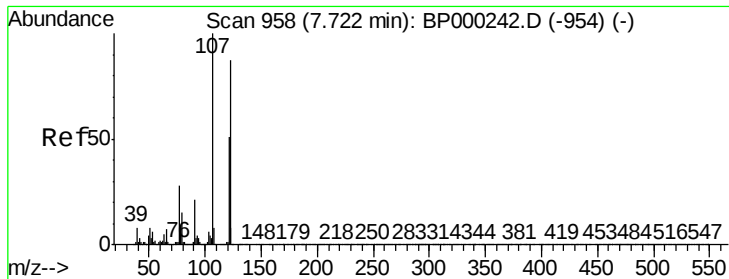
109 30.7 21.8 32.6

65 43.7 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

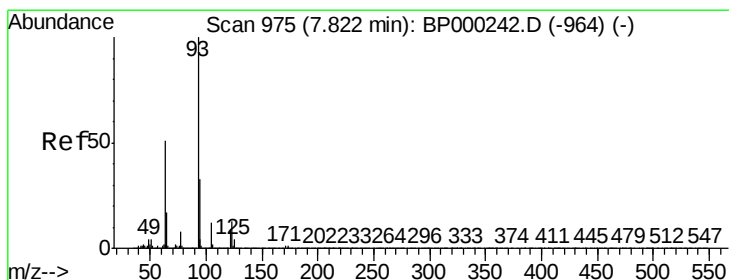
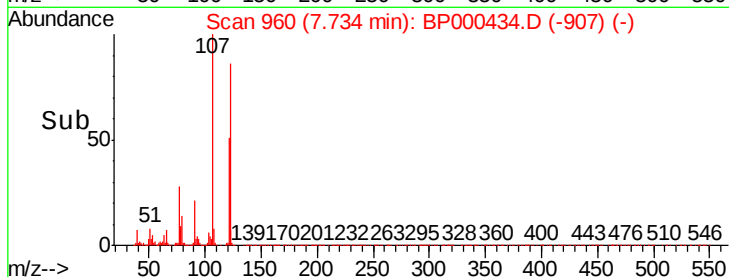
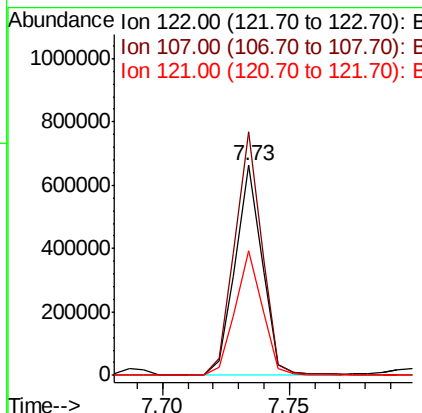
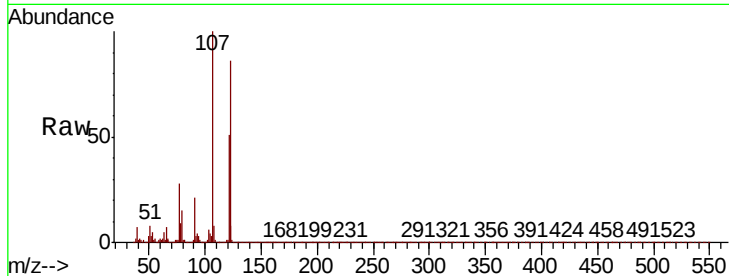




#27
 2,4-Dimethylphenol
 Concen: 51.559 ng
 RT: 7.73 min Scan# 960
 Delta R.T. 0.01 min
 Lab File: BP000434.D
 Acq: 26 Sep 2019 20:00

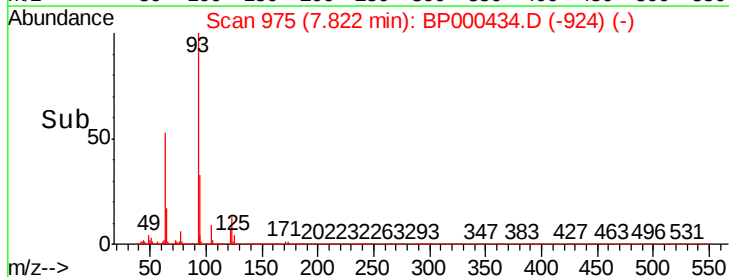
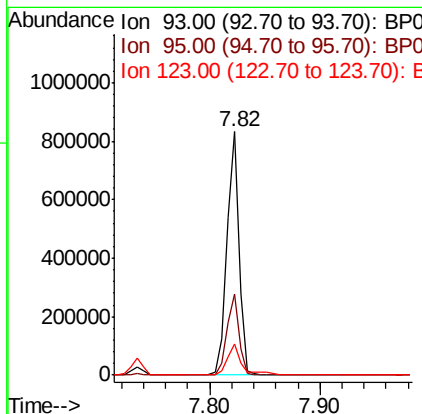
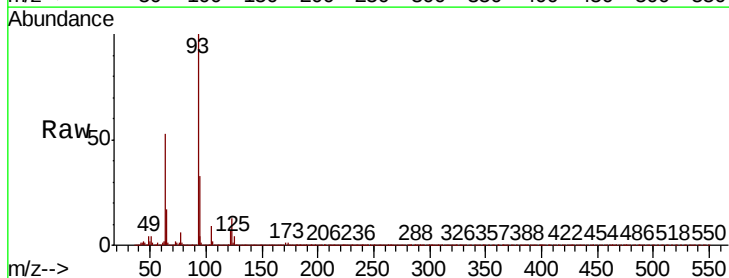
Instrument :
 BNA_P
 ClientSampleId :

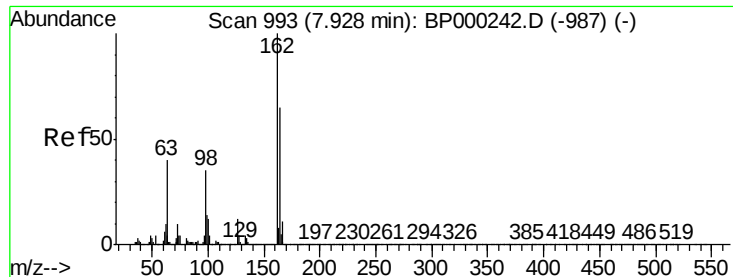
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.1	91.5	137.3
121	59.2	46.9	70.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.646 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BP000434.D
 Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.2	39.4
123	12.7	10.2	15.2





#29

2,4-Dichlorophenol

Concen: 45.519 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

ClientSampleId :

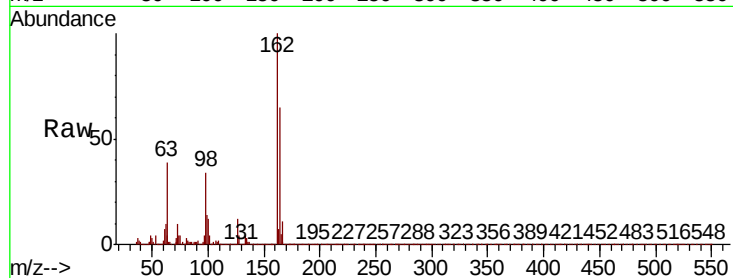
Tot Ion:162 Resp: 467333

Ion Ratio Lower Upper

162 100

164 65.5 44.5 84.5

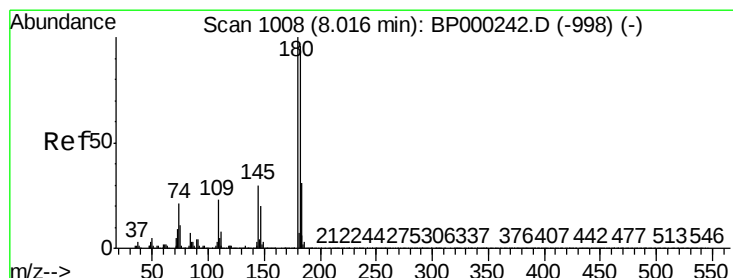
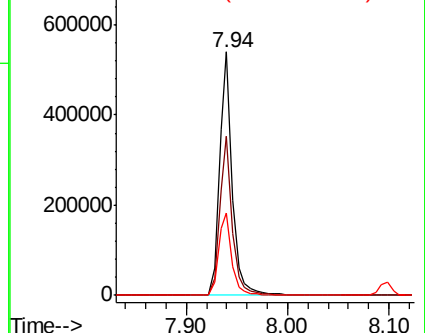
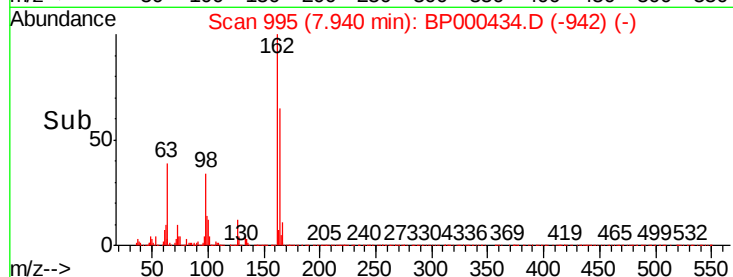
98 33.9 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BP0



#30

1,2,4-Trichlorobenzene

Concen: 40.396 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

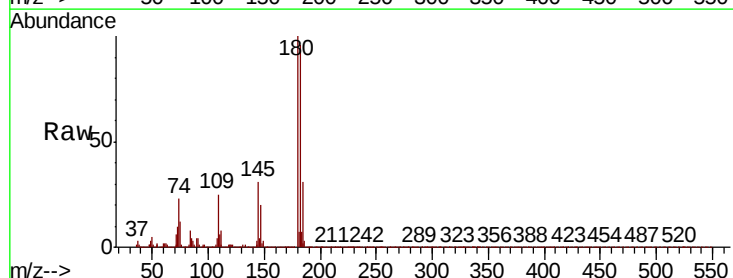
Tgt Ion:180 Resp: 475379

Ion Ratio Lower Upper

180 100

182 96.1 77.2 115.8

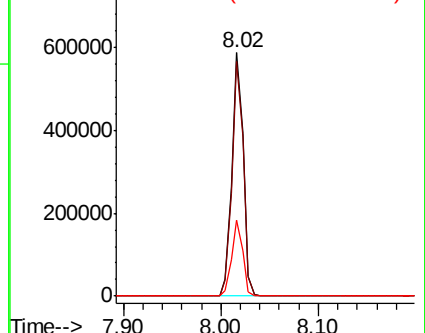
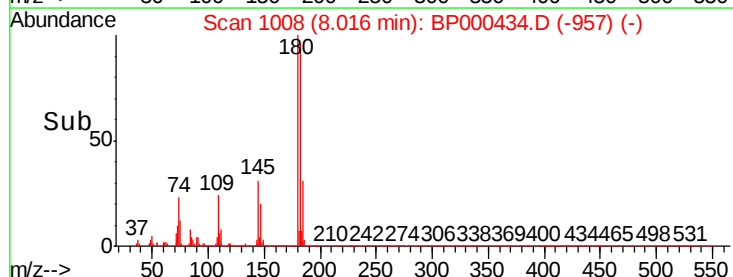
145 31.0 24.3 36.5

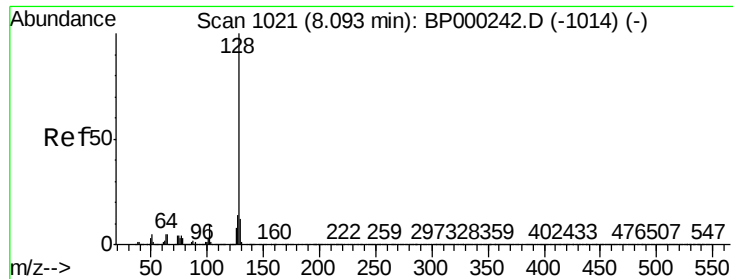


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

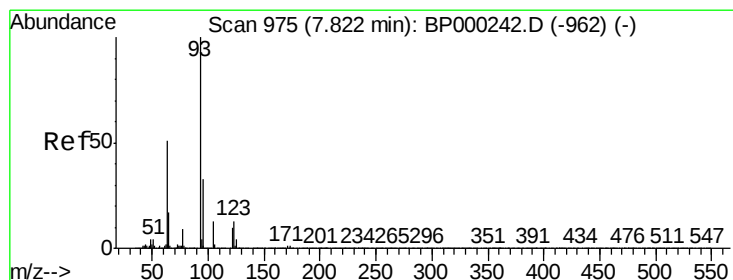
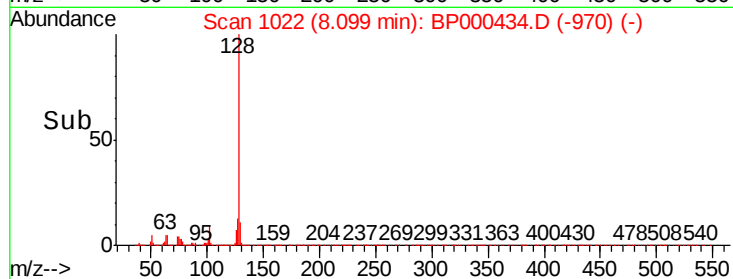
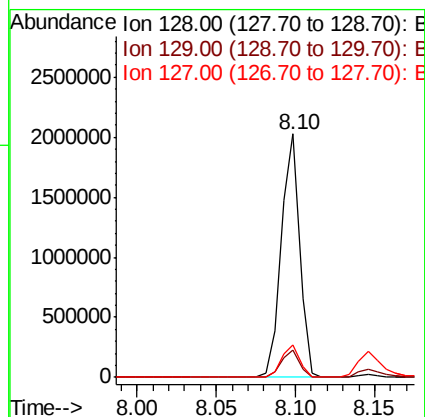
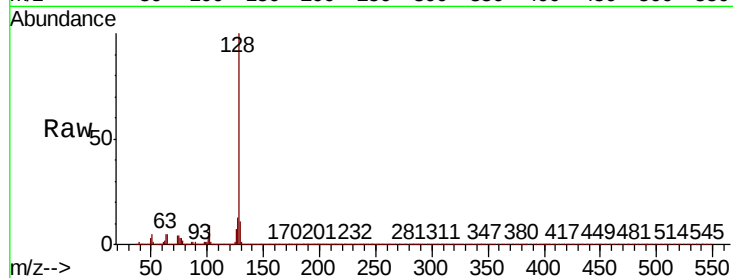




#31
Naphthalene
Concen: 50.028 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

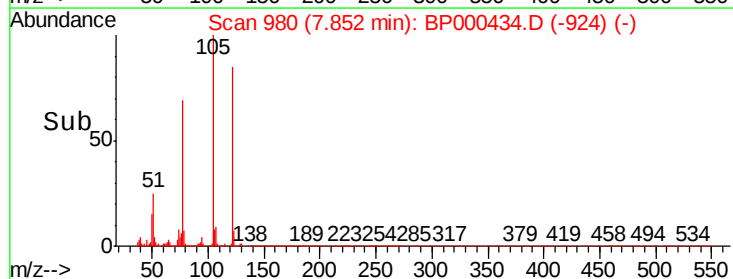
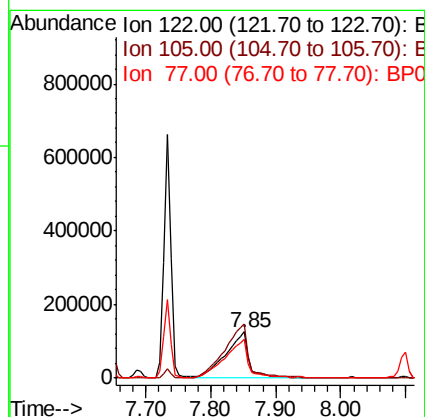
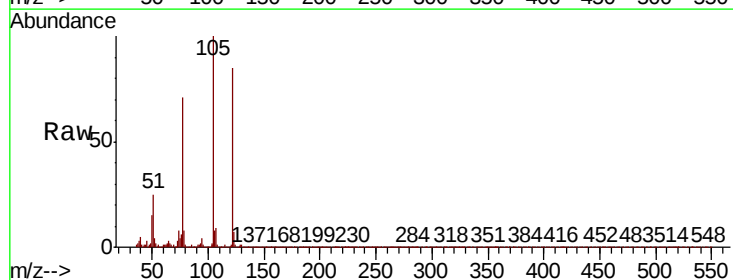
Instrument :
BNA_P
ClientSampleId :

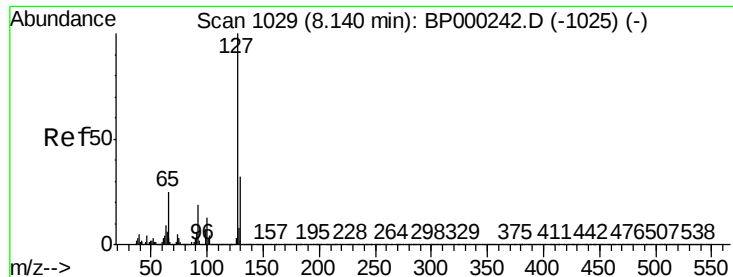
Tot Ion:128 Resp: 1632652
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.4 11.0 16.6



#32
Benzoic acid
Concen: 48.491 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.03 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion:122 Resp: 313637
Ion Ratio Lower Upper
122 100
105 117.4 105.4 145.4
77 83.2 65.3 105.3

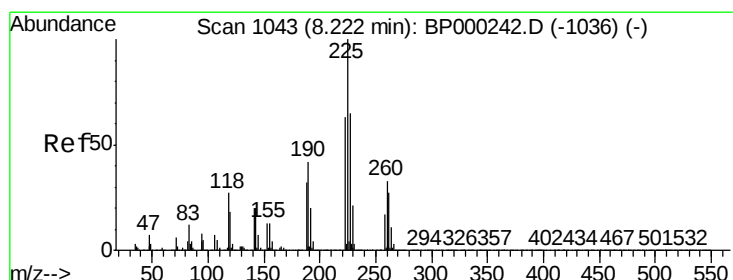
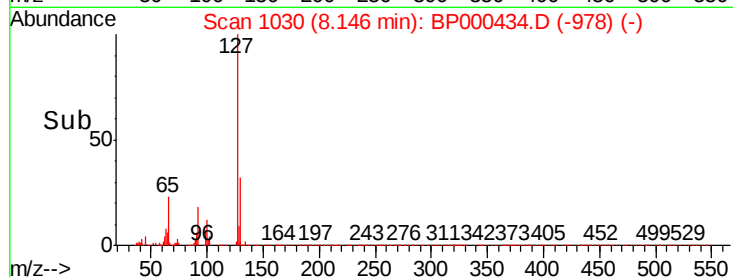
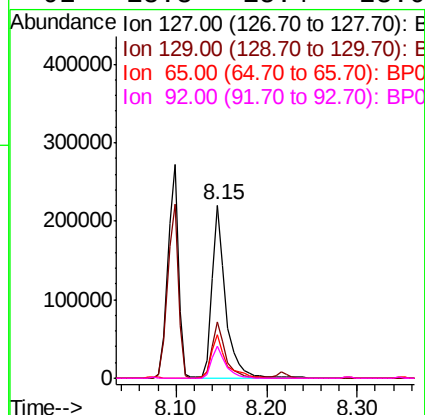
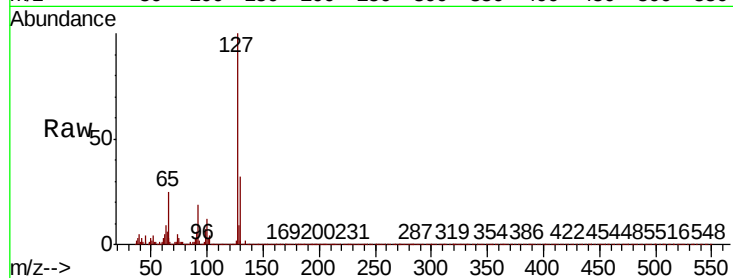




#33
4-Chloroaniline
Concen: 15.815 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

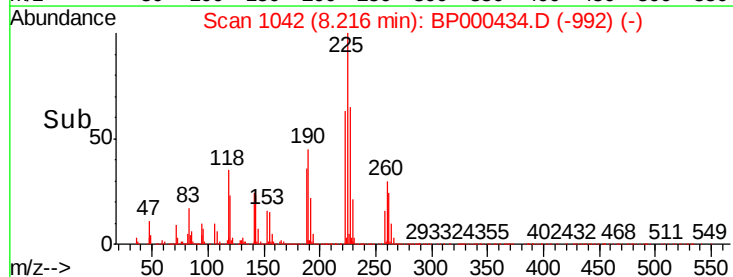
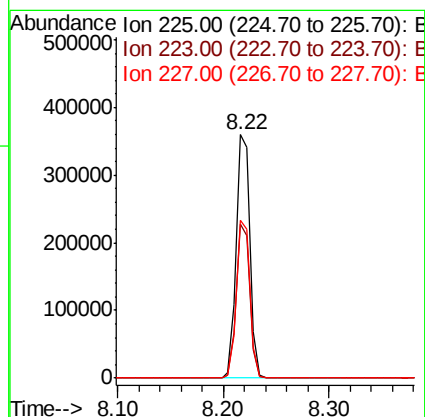
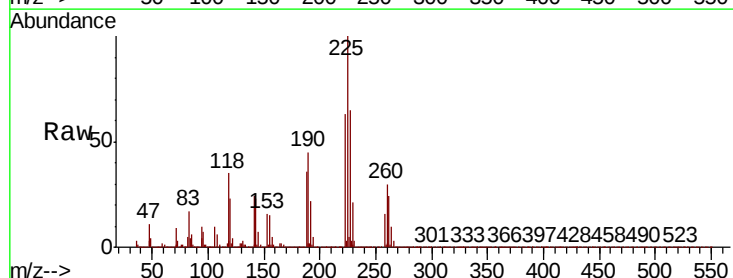
Instrument :
BNA_P
ClientSampleId :

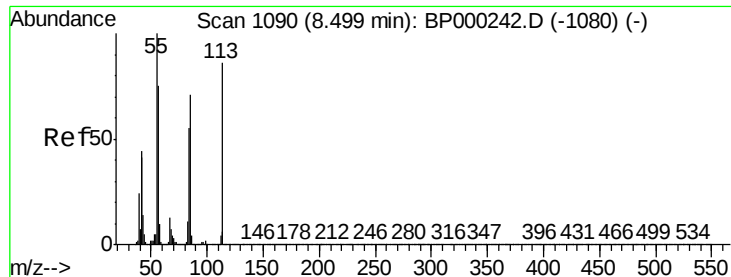
Tot Ion:127	Resp:	233570	
Ion Ratio	Lower	Upper	
127 100			
129 32.2	25.7	38.5	
65 25.0	19.9	29.9	
92 18.8	15.4	23.0	



#34
Hexachlorobutadiene
Concen: 45.090 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	225	Resp:	314397
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.2	75.2
227	64.7	51.8	77.6

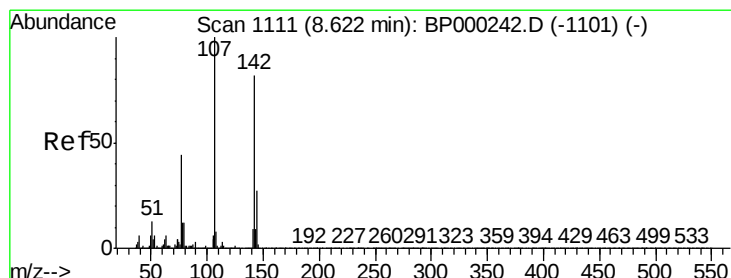
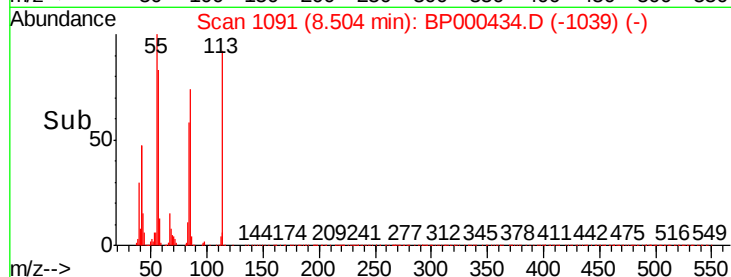
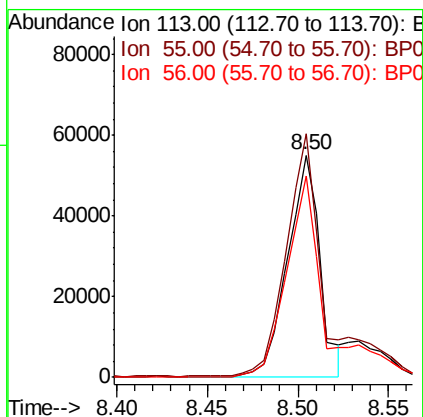
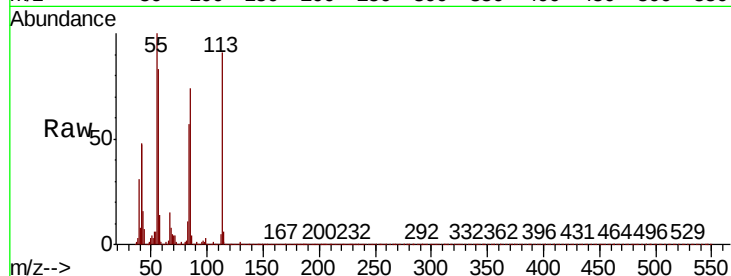




#35
Caprolactam
Concen: 19.656 ng
RT: 8.50 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

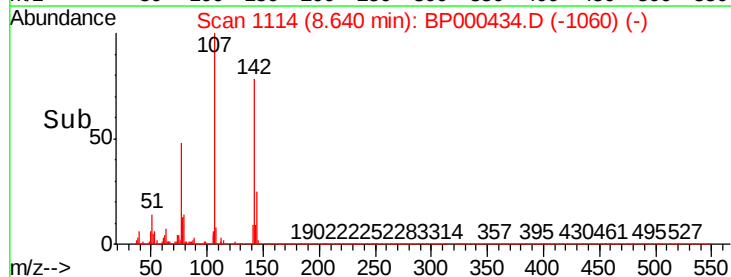
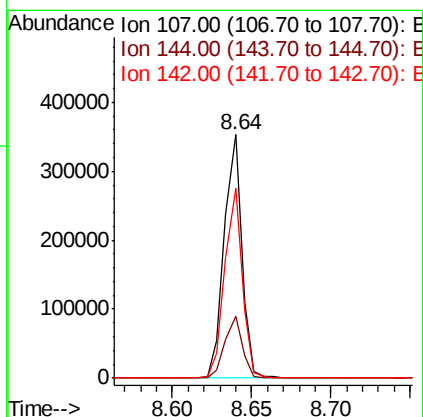
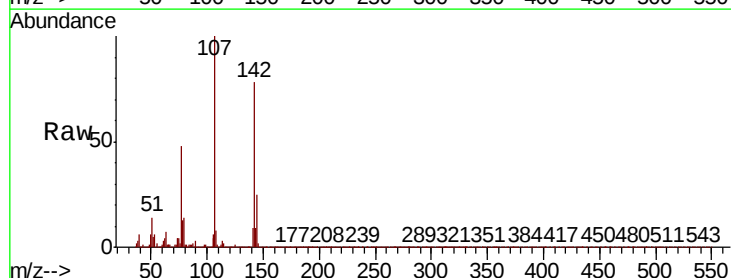
Instrument :
BNA_P
ClientSampleId :

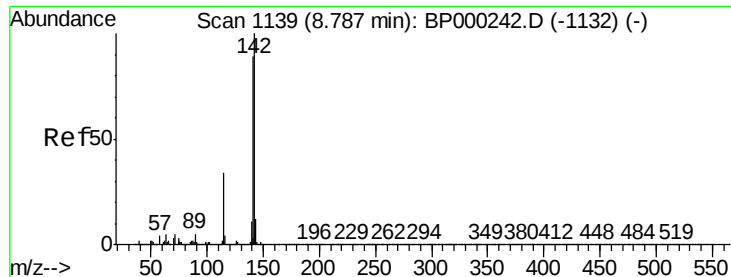
Tot Ion:113 Resp: 68649
Ion Ratio Lower Upper
113 100
55 109.7 96.8 136.8
56 90.8 67.5 107.5



#36
4-Chloro-3-methylphenol
Concen: 26.314 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.02 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion:107 Resp: 274252
Ion Ratio Lower Upper
107 100
144 25.3 21.5 32.3
142 78.0 65.7 98.5

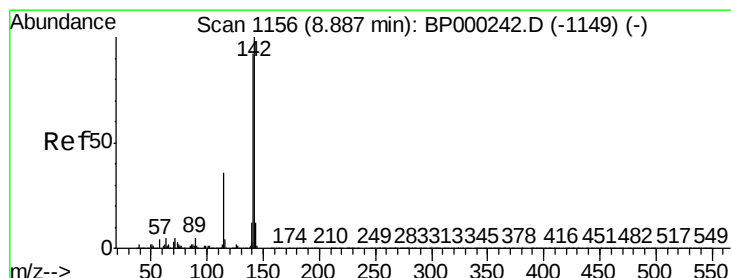
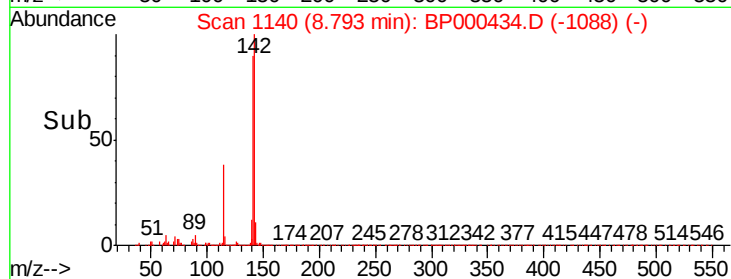
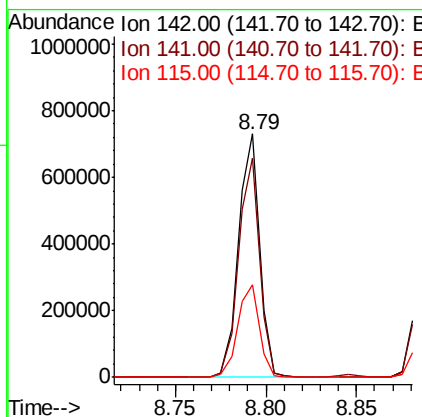
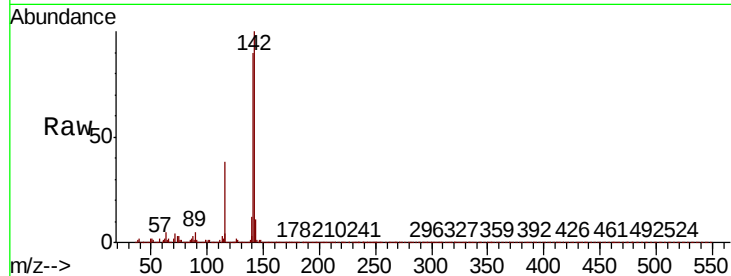




#37
2-Methylnaphthalene
Concen: 26.493 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

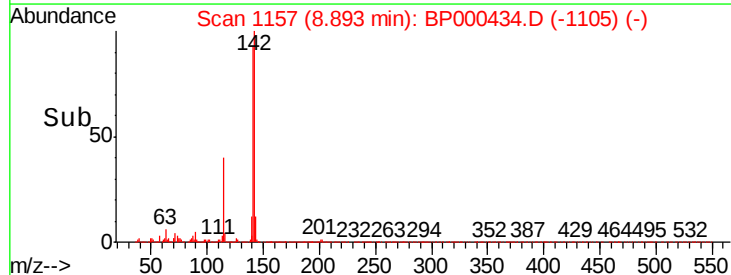
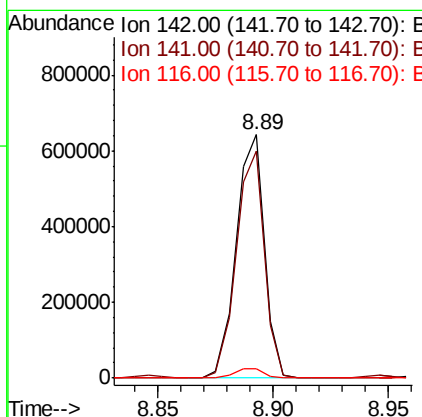
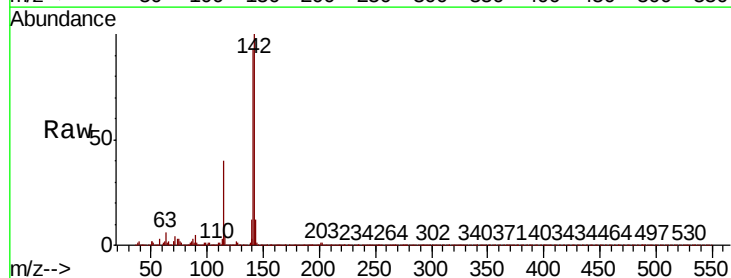
Instrument :
BNA_P
ClientSampled :

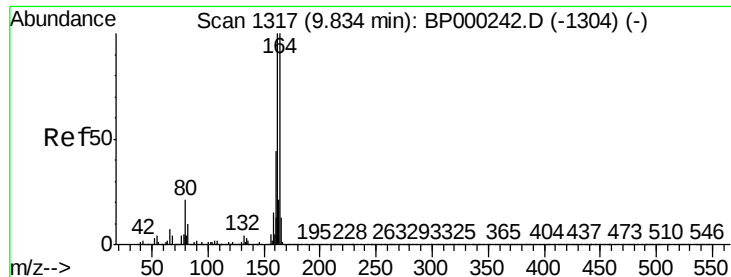
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	38.2	27.2	40.8



#38
1-Methylnaphthalene
Concen: 26.220 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.9	110.9
116	4.1	3.0	4.6

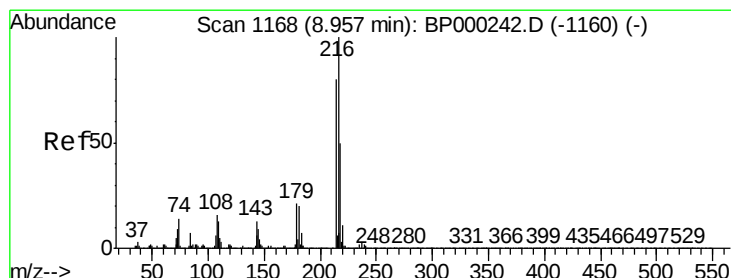
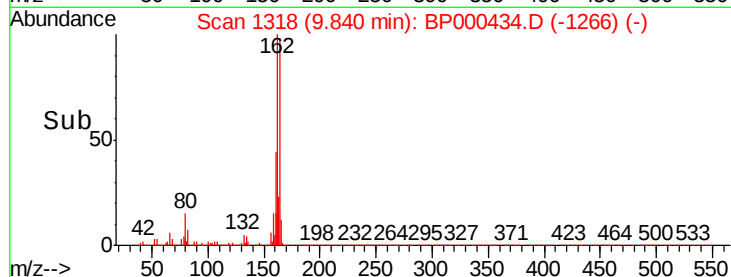
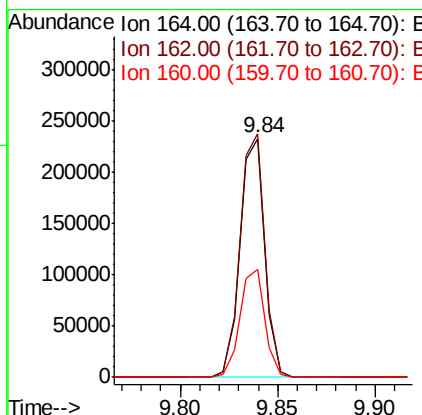
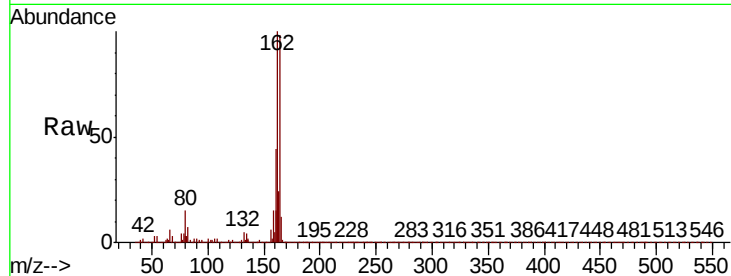




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: BP000434.D
 Acq: 26 Sep 2019 20:00

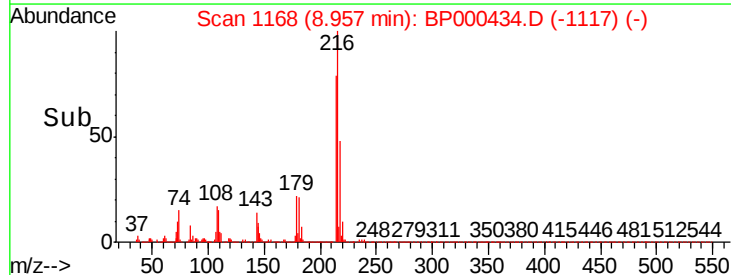
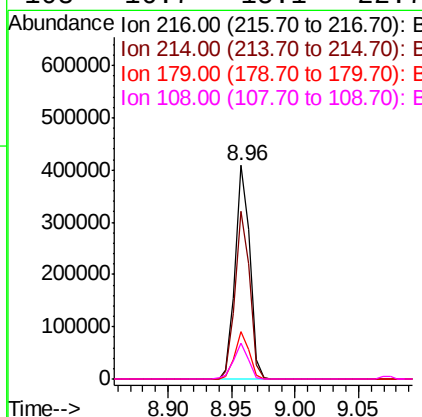
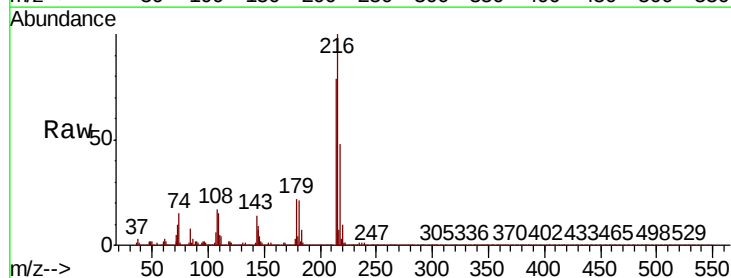
Instrument :
 BNA_P
 ClientSampleId :

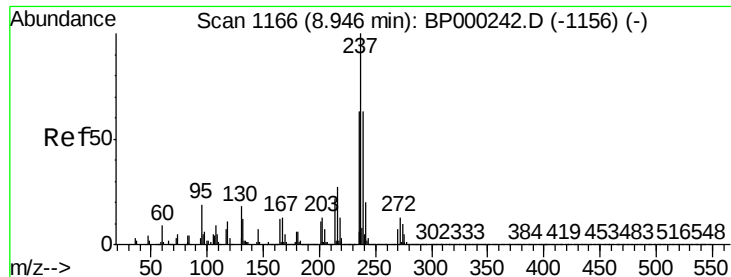
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	79.9	119.9
160	45.2	35.6	53.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 55.418 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BP000434.D
 Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.6	95.4
179	21.3	17.0	25.4
108	16.7	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 15.160 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

ClientSampleId :

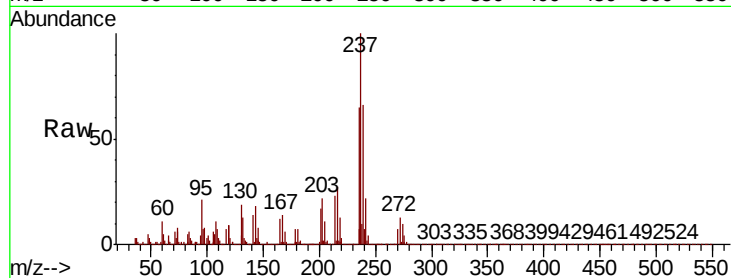
Tot Ion:237 Resp: 50517

Ion Ratio Lower Upper

237 100

235 65.1 43.5 83.5

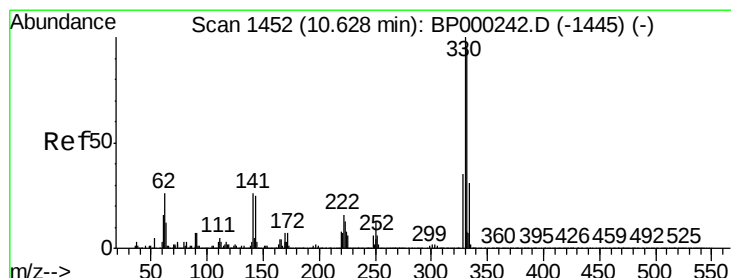
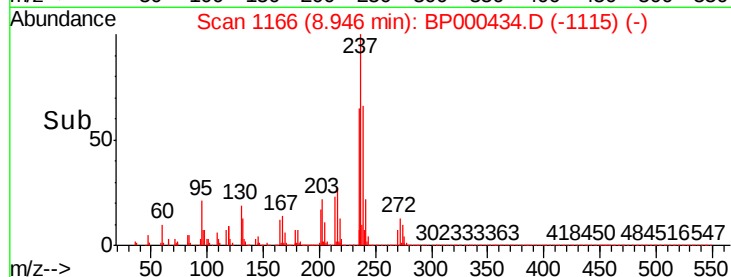
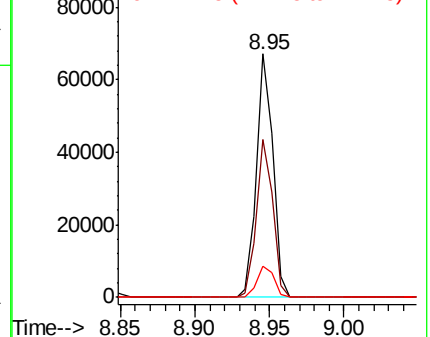
272 12.9 0.0 33.0



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: 119.642 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

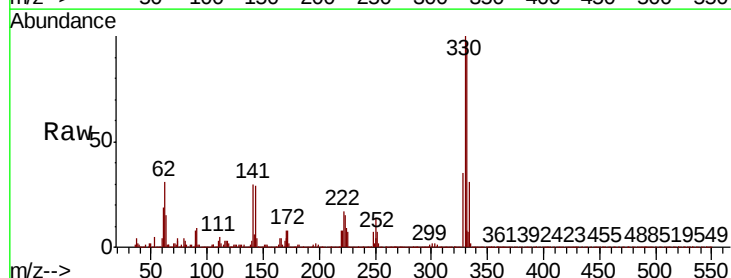
Tgt Ion:330 Resp: 240854

Ion Ratio Lower Upper

330 100

332 96.7 76.6 115.0

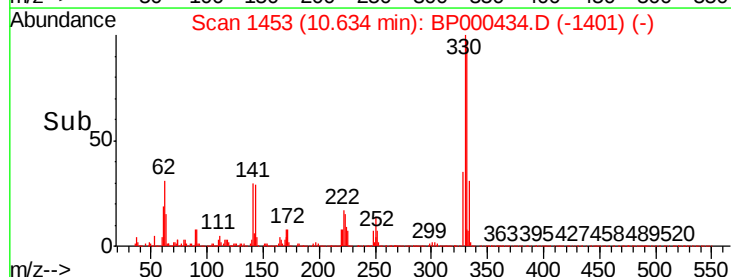
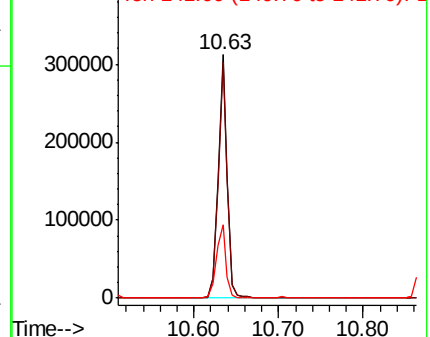
141 31.6 26.5 39.7

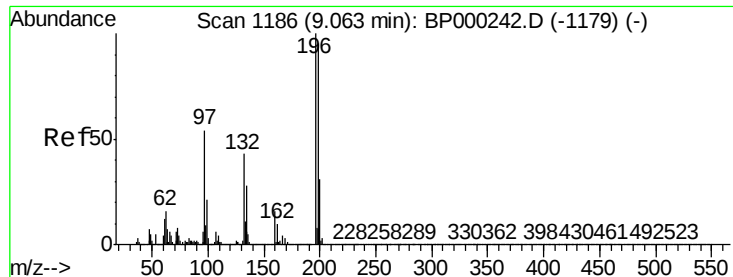


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

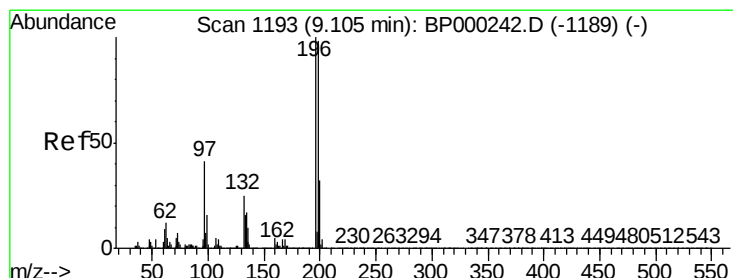
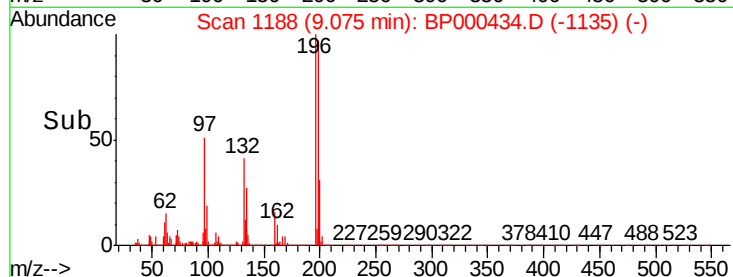
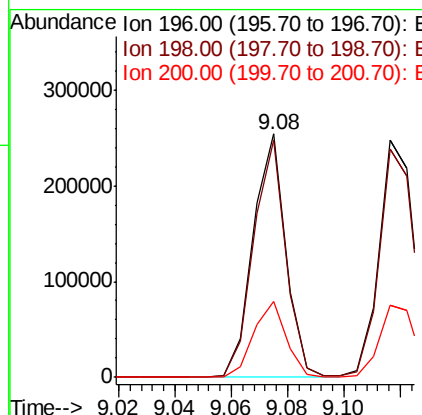
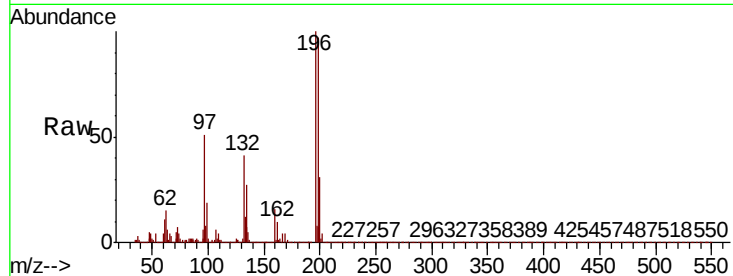




#43
 2,4,6-Trichlorophenol
 Concen: 51.042 ng
 RT: 9.08 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BP000434.D
 Acq: 26 Sep 2019 20:00

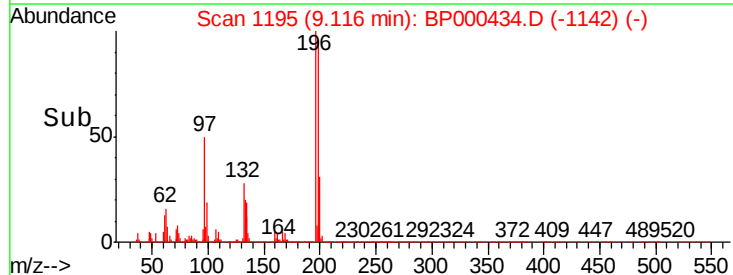
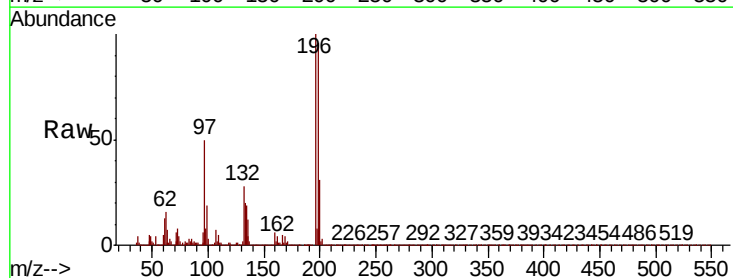
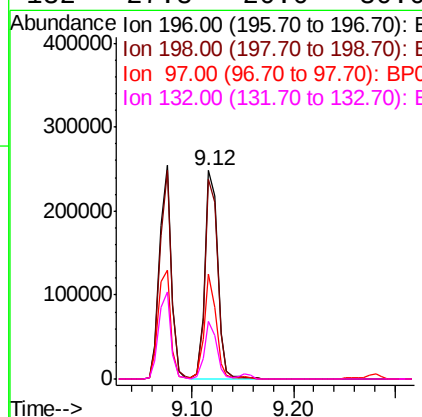
Instrument :
 BNA_P
 ClientSampleId :

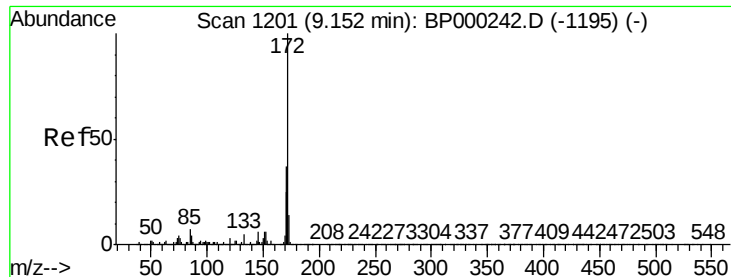
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.0	114.0
200	31.2	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 53.262 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BP000434.D
 Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	78.1	117.1
97	50.3	33.3	49.9#
132	27.8	20.0	30.0

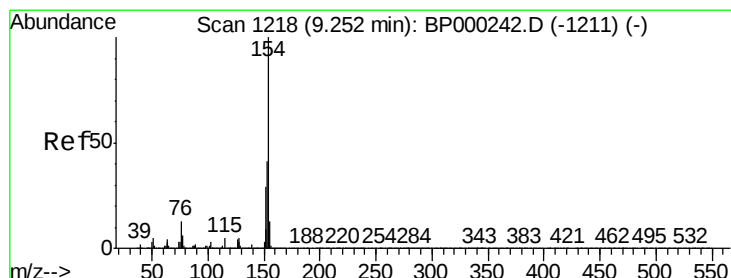
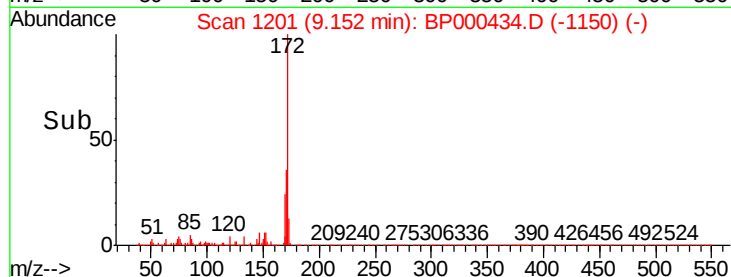
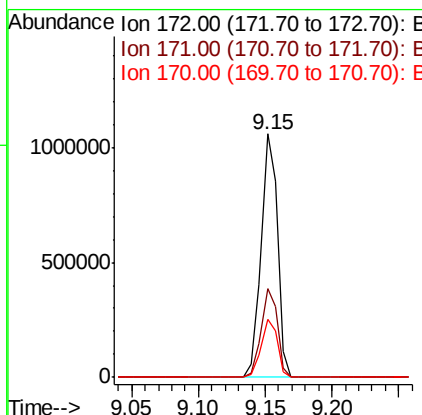
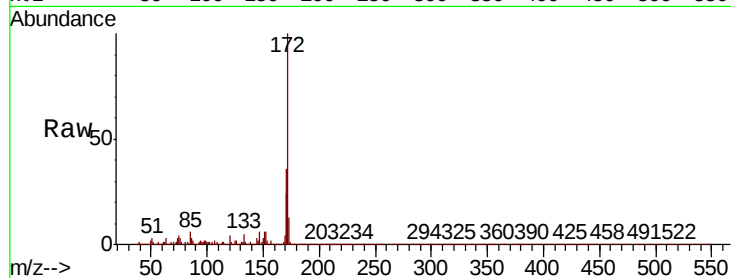




#45
2-Fluorobiphenyl
Concen: 78.176 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

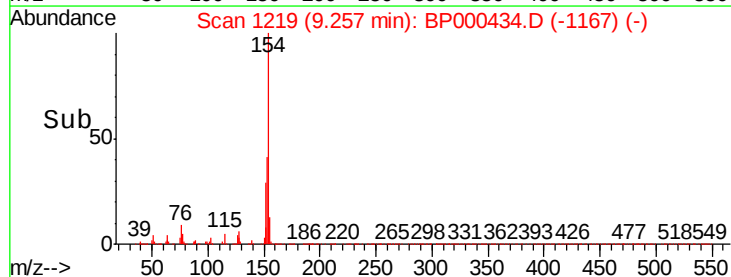
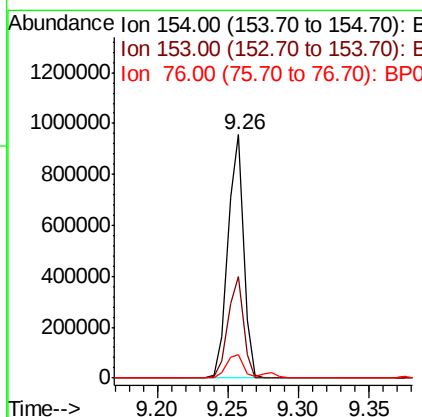
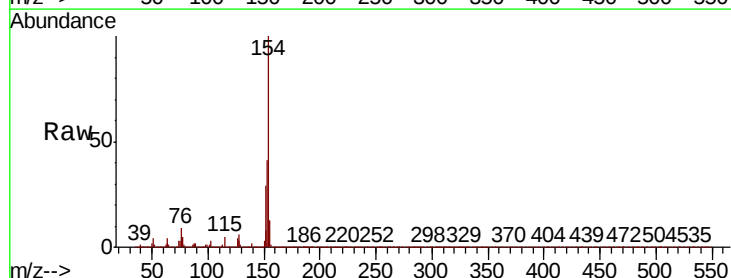
Instrument :
BNA_P
ClientSampled :

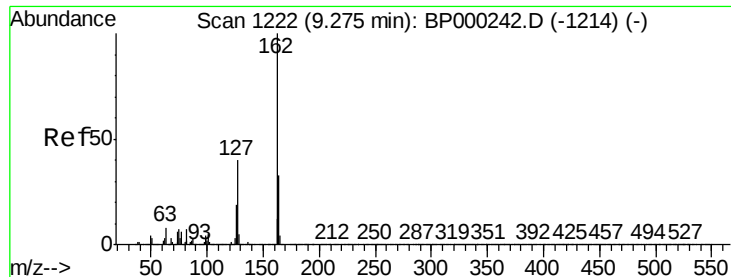
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.8	44.6
170	23.8	19.8	29.6



#46
1,1'-Biphenyl
Concen: 52.428 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.4	61.4
76	9.4	0.0	33.4





#47

2-Chloronaphthalene

Concen: 48.760 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

ClientSampleId :

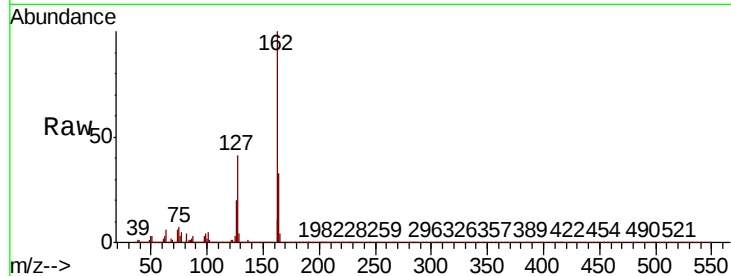
Tot Ion:162 Resp: 574297

Ion Ratio Lower Upper

162 100

127 40.5 32.4 48.6

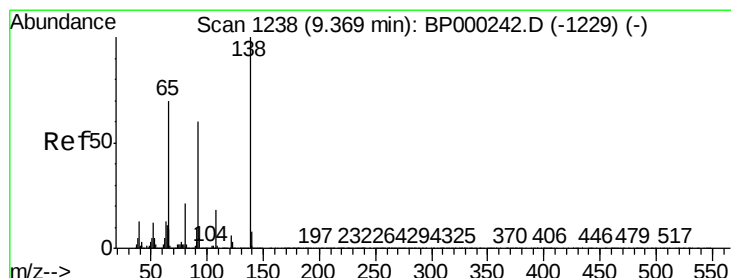
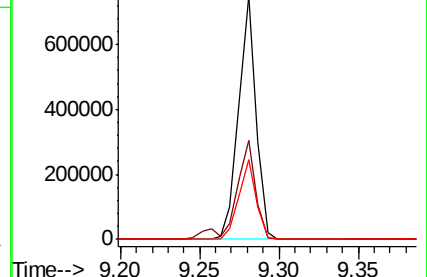
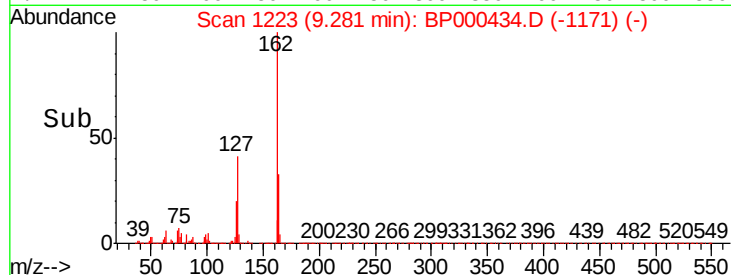
164 32.9 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 48.341 ng

RT: 9.38 min Scan# 1239

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

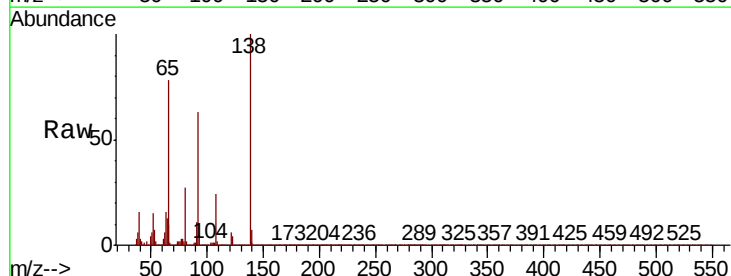
Tgt Ion: 65 Resp: 144590

Ion Ratio Lower Upper

65 100

92 80.7 68.7 103.1

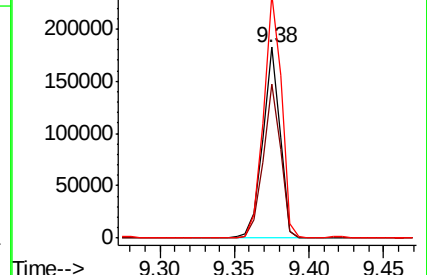
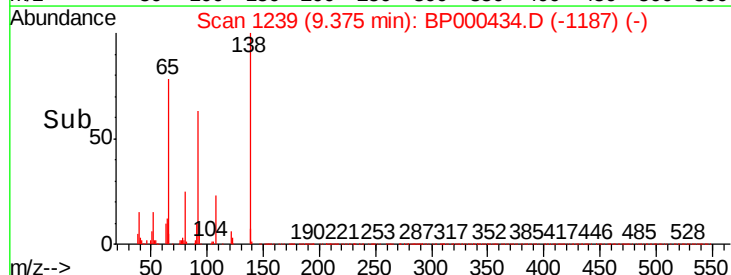
138 127.5 114.4 171.6

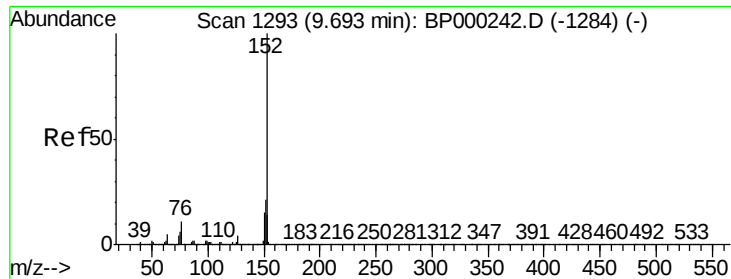


Abundance Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 52.488 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

ClientSampleId :

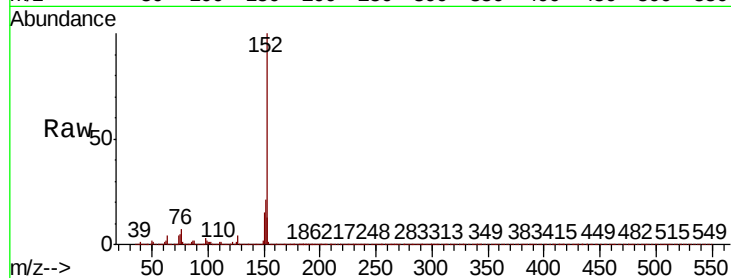
Tot Ion:152 Resp: 929273

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.4	24.6
153	13.1	11.0	16.4

152 100

151 20.7 16.4 24.6

153 13.1 11.0 16.4

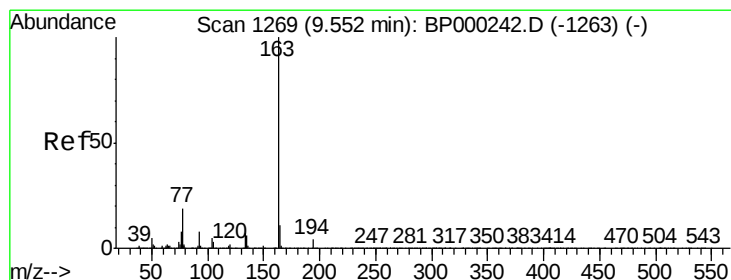
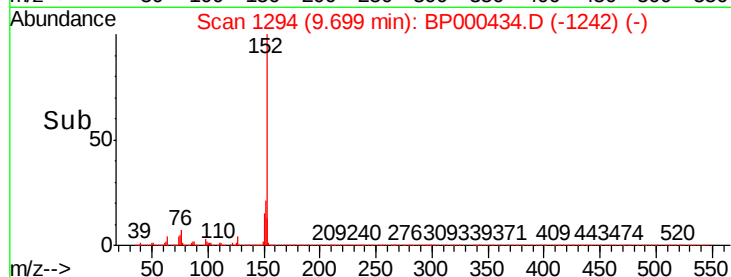
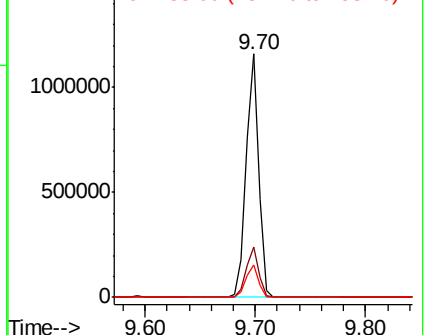


Abundance

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: 58.556 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

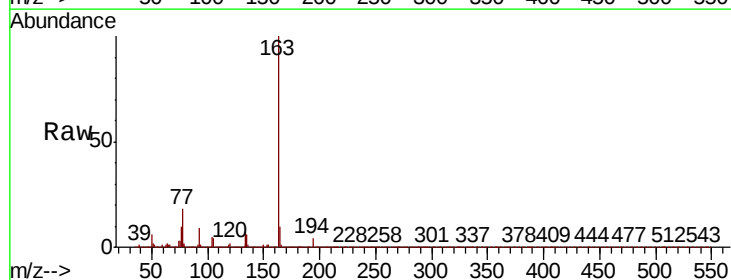
Tgt Ion:163 Resp: 809722

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.3	8.5	12.7

163 100

194 4.3 3.4 5.0

164 10.3 8.5 12.7

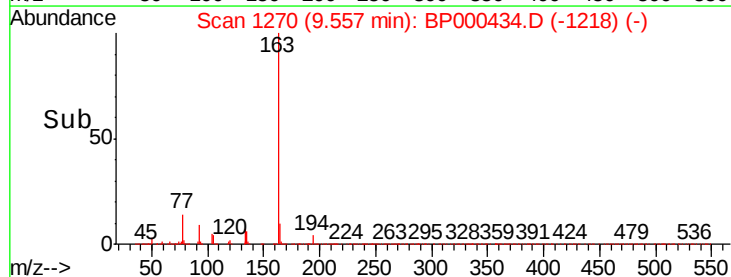
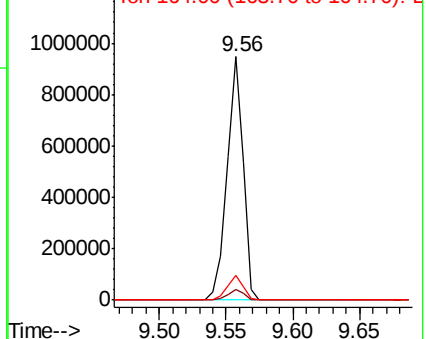


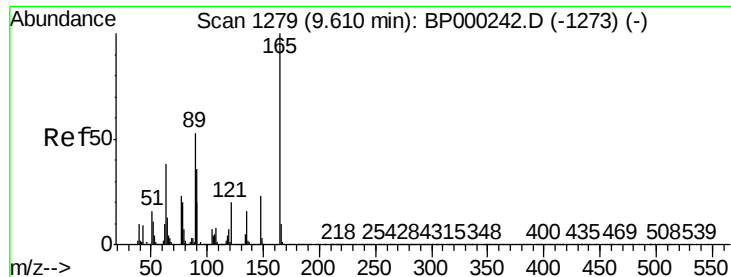
Abundance

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: 48.343 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

ClientSampled :

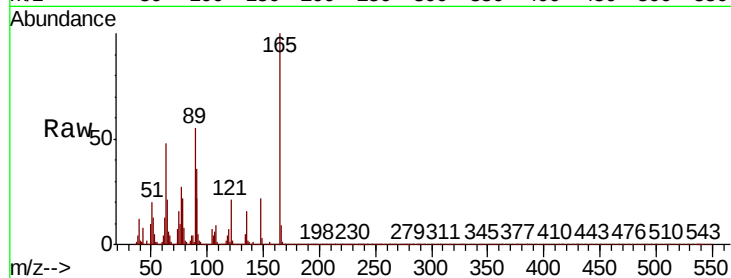
Tot Ion:165 Resp: 146986

Ion Ratio Lower Upper

165 100

63 47.9 35.8 53.8

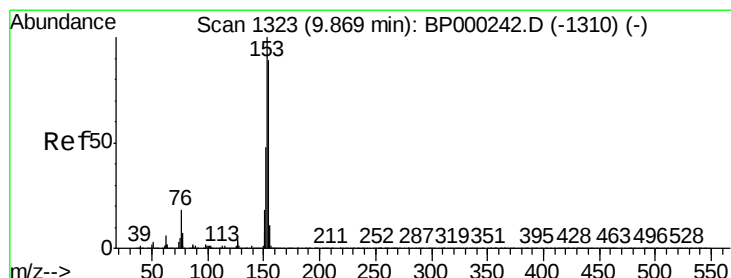
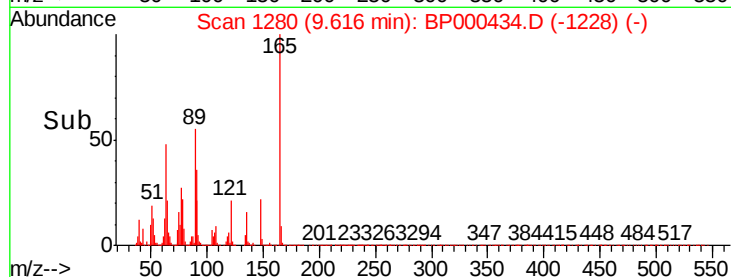
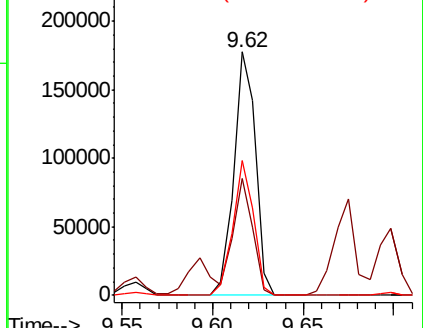
89 55.3 42.6 63.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#52

Acenaphthene

Concen: 47.048 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

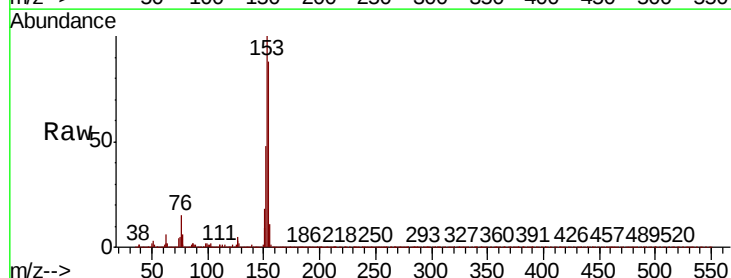
Tgt Ion:154 Resp: 525644

Ion Ratio Lower Upper

154 100

153 113.7 89.8 134.6

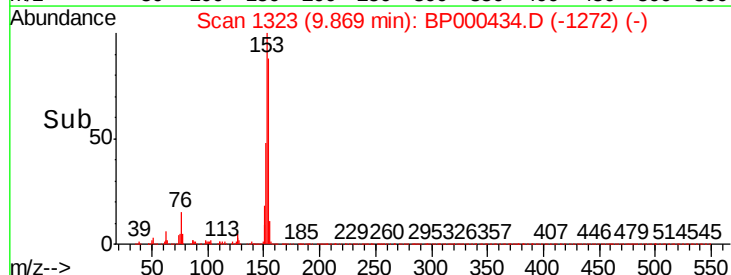
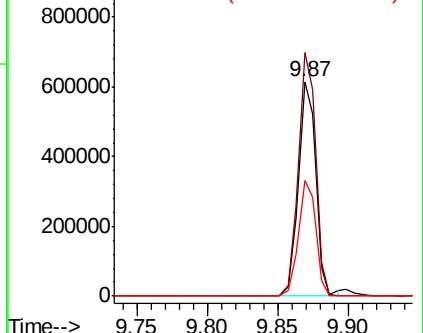
152 54.2 43.4 65.0

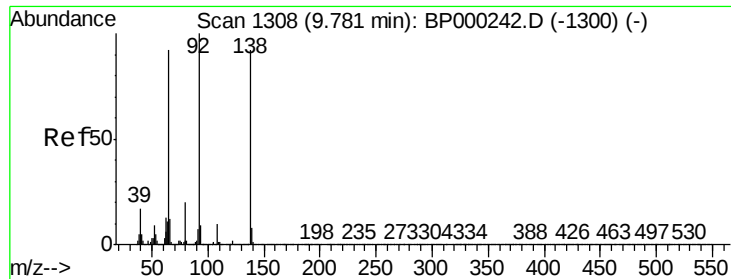


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

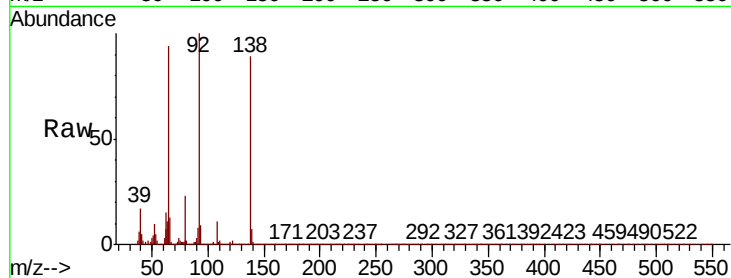




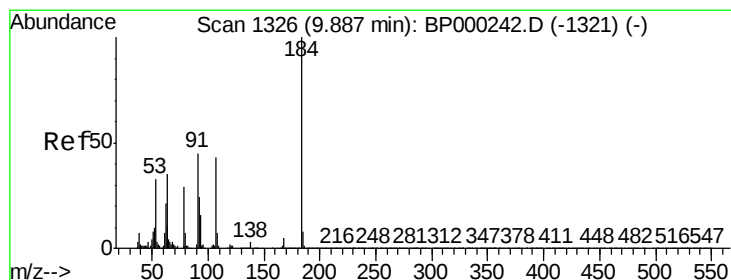
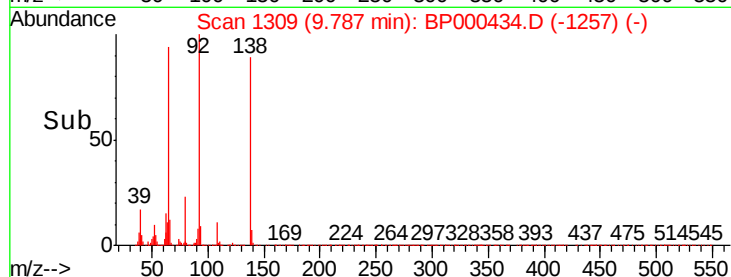
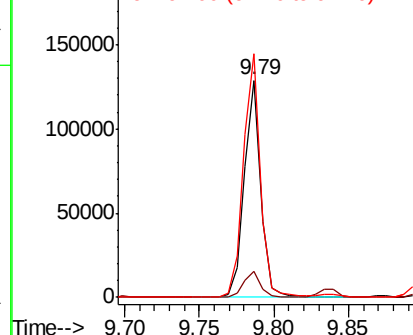
#53
3-Nitroaniline
Concen: 28.187 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :

Tot Ion:138 Resp: 99476
Ion Ratio Lower Upper
138 100
108 11.9 9.1 13.7
92 112.1 86.7 130.1

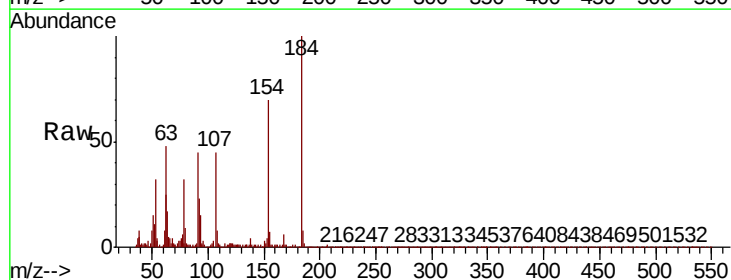


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

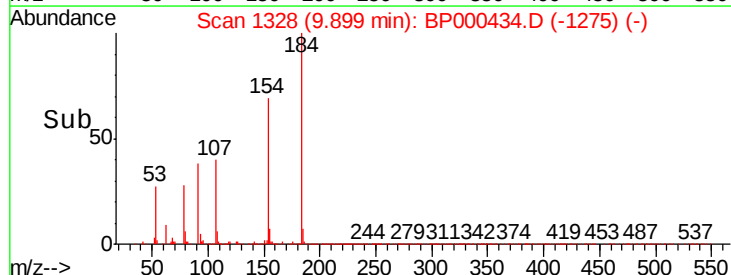
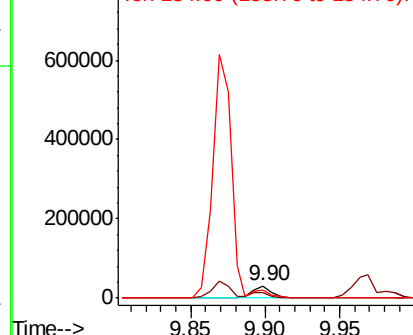


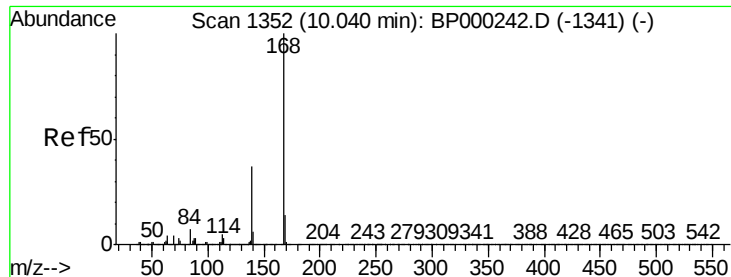
#54
2,4-Dinitrophenol
Concen: 20.756 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion:184 Resp: 27881
Ion Ratio Lower Upper
184 100
63 48.3 39.5 59.3
154 70.1 48.8 73.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 52.990 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

ClientSampled :

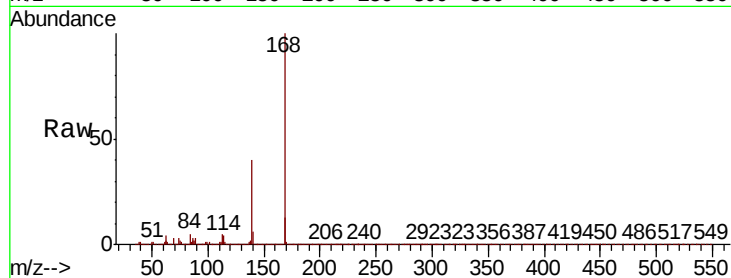
Tot Ion:168 Resp: 836923

Ion Ratio Lower Upper

168 100

139 39.9 30.0 45.0

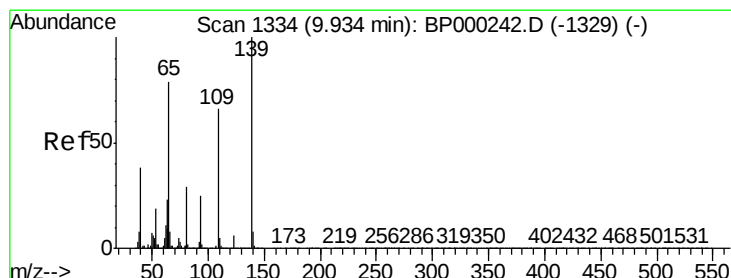
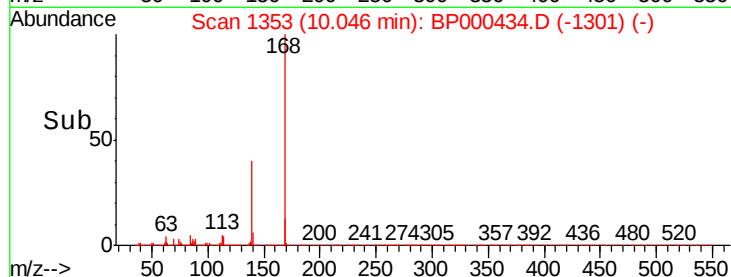
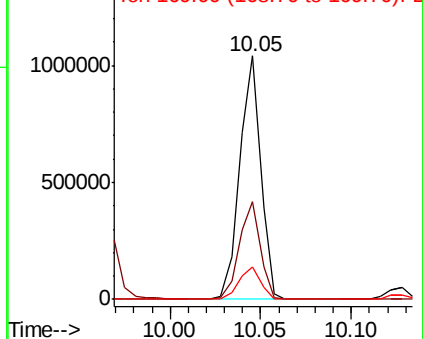
169 13.4 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 88.162 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.04 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

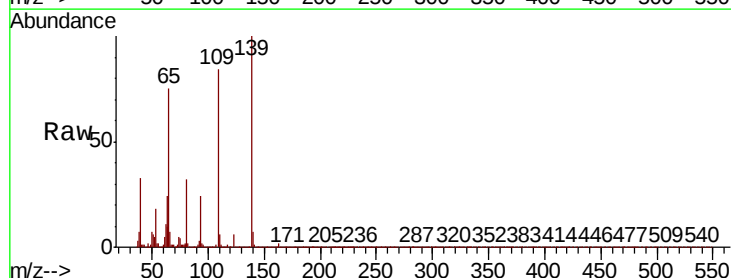
Tgt Ion:139 Resp: 231419

Ion Ratio Lower Upper

139 100

109 84.3 46.2 86.2

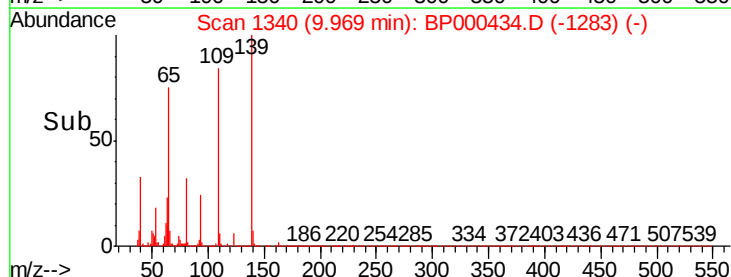
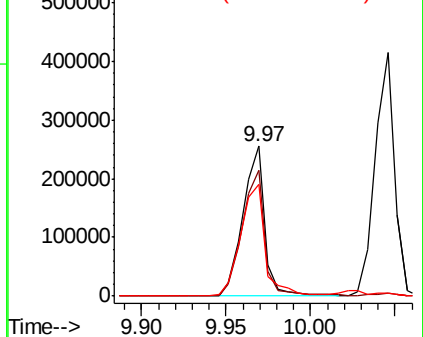
65 75.0 59.4 99.4

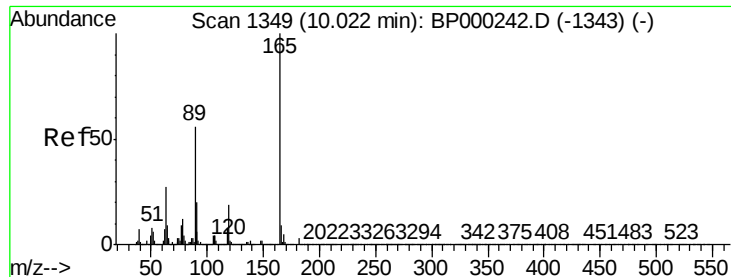


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

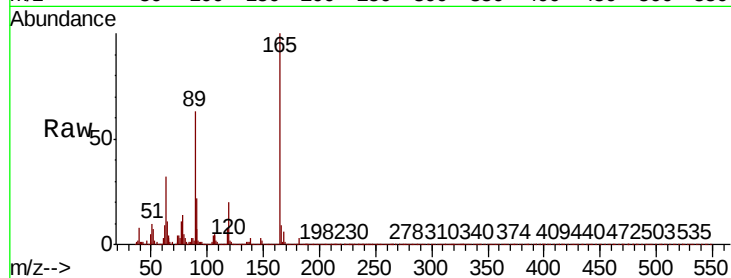




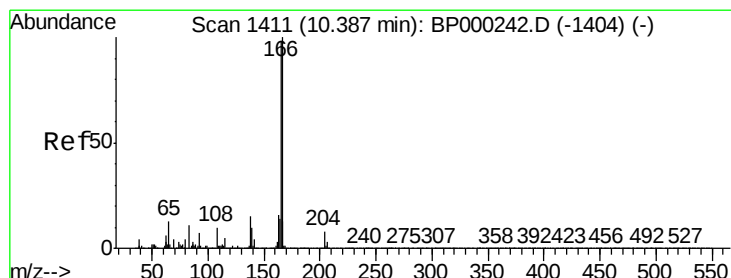
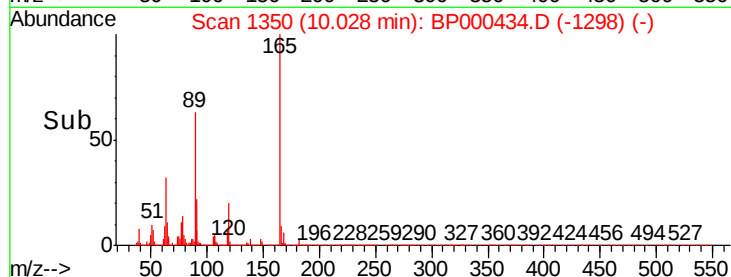
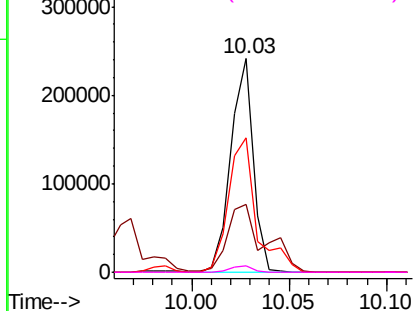
#57
2,4-Dinitrotoluene
Concen: 48.331 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165	Resp:	192107
Ion Ratio	Lower	Upper
165	100	
63	31.8	21.7 32.5
89	63.0	45.0 67.6
182	3.0	2.4 3.6

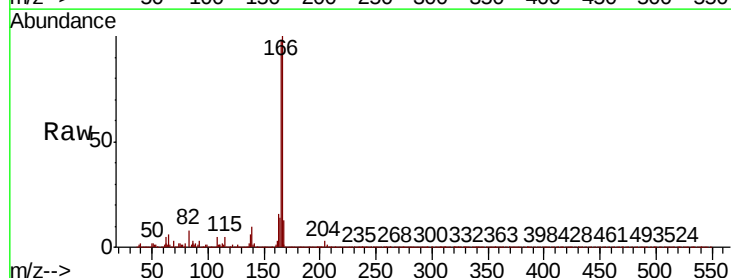


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

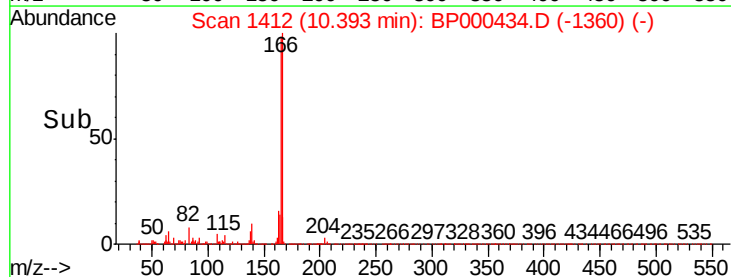
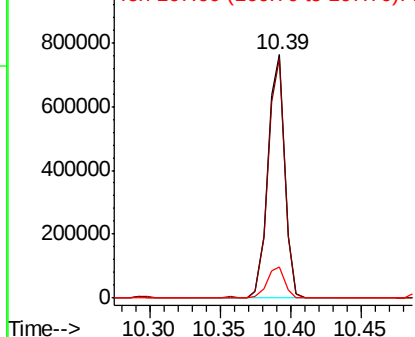


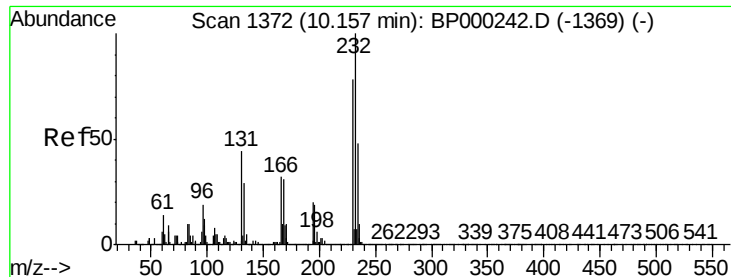
#58
Fluorene
Concen: 52.824 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion:166	Resp:	644413
Ion Ratio	Lower	Upper
166	100	
165	98.5	78.2 117.2
167	13.0	10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

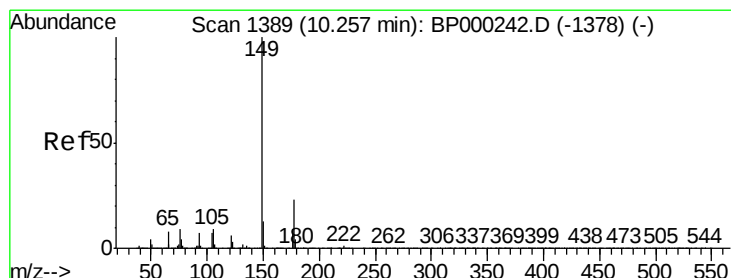
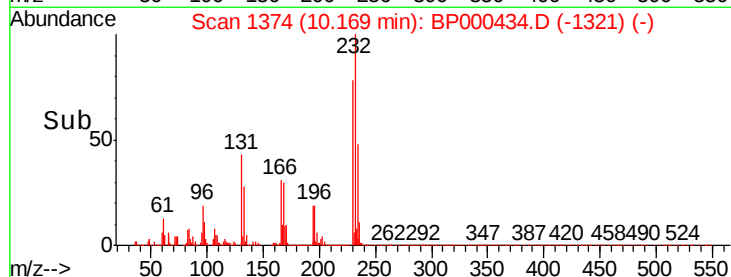
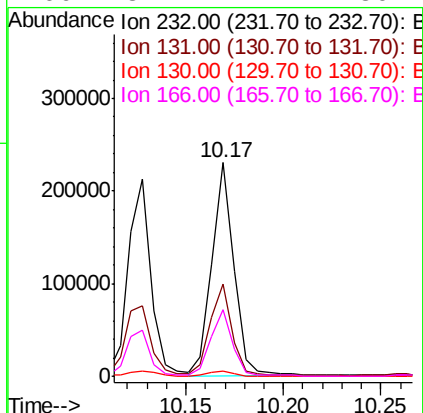
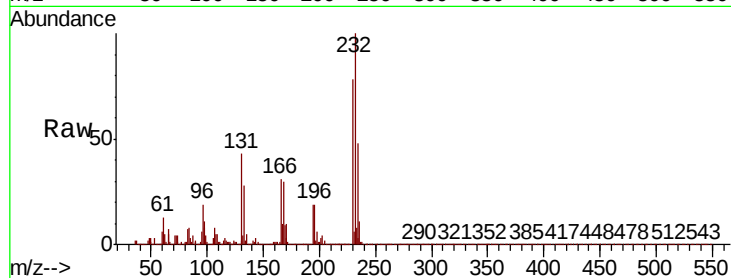




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.525 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BP000434.D
 Acq: 26 Sep 2019 20:00

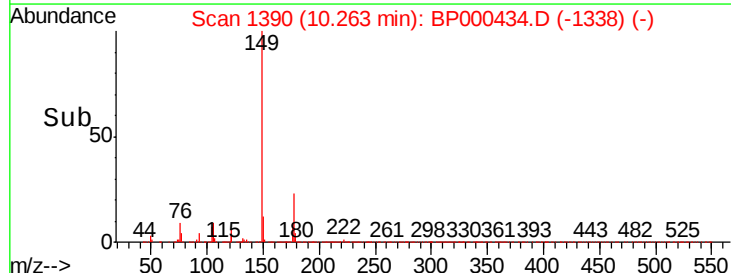
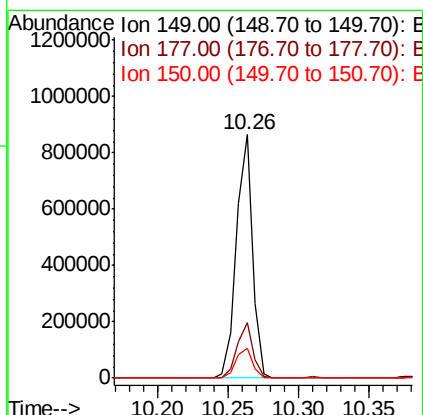
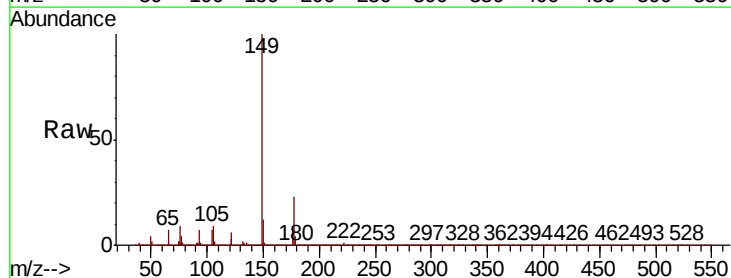
Instrument :
 BNA_P
 ClientSampleId :

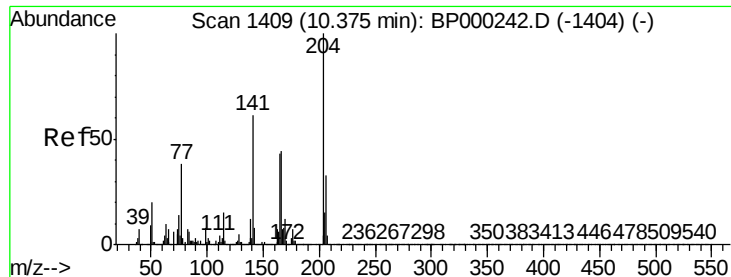
Tot Ion:	232	Resp:	181093
Ion	Ratio	Lower	Upper
232	100		
131	43.1	33.6	50.4
130	2.5	1.8	2.6
166	31.2	24.2	36.2



#60
 Diethylphthalate
 Concen: 51.617 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BP000434.D
 Acq: 26 Sep 2019 20:00

Tgt Ion:	149	Resp:	686616
Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.1	27.1
150	12.5	10.3	15.5

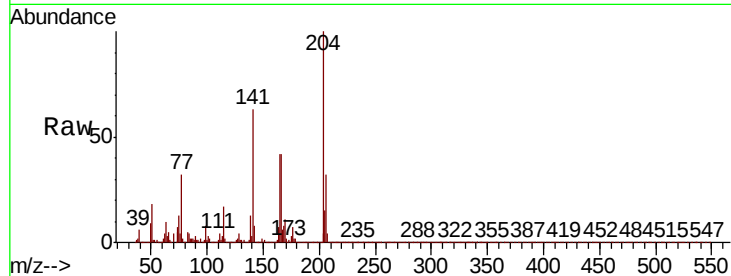




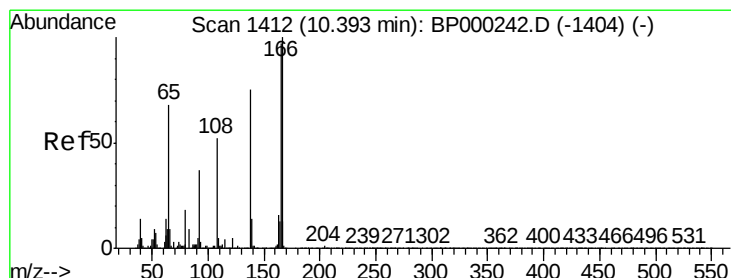
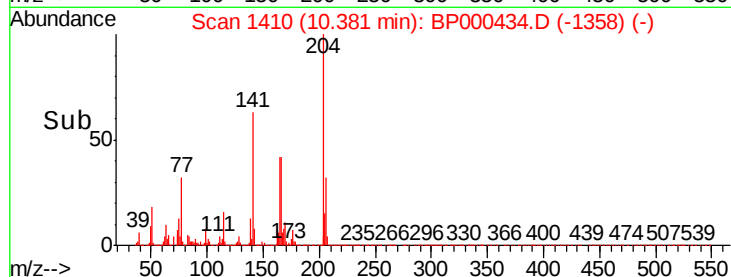
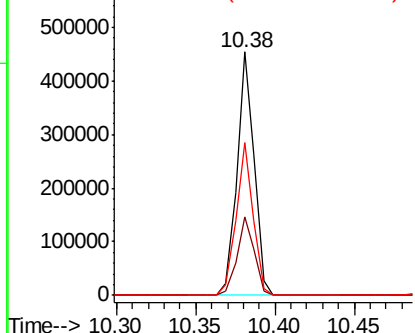
#61
4-Chlorophenyl-phenylether
Concen: 54.256 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampled :

Tot Ion:204 Resp: 339751
Ion Ratio Lower Upper
204 100
206 32.1 26.3 39.5
141 62.6 48.6 72.8

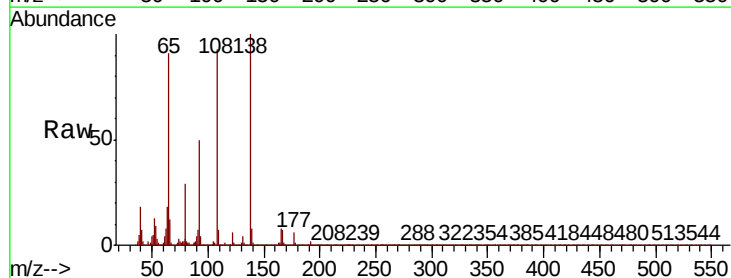


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

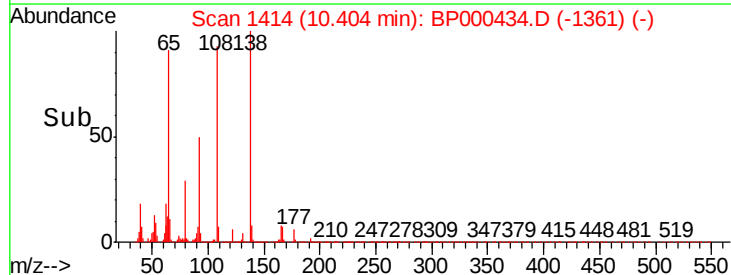
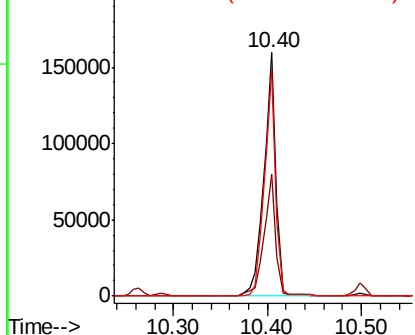


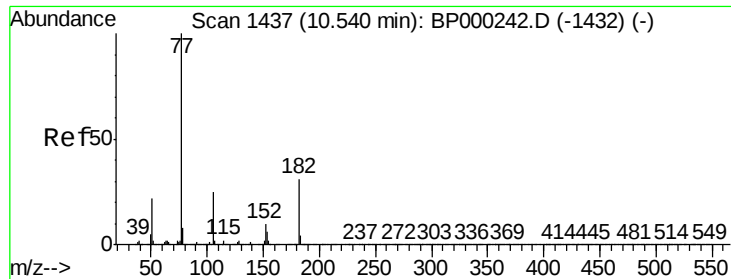
#62
4-Nitroaniline
Concen: 40.710 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion:138 Resp: 141317
Ion Ratio Lower Upper
138 100
92 50.3 30.1 70.1
108 92.8 49.5 89.5#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BP0
Ion 108.00 (107.70 to 108.70): E

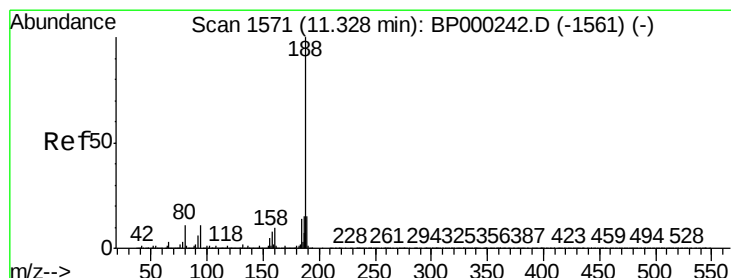
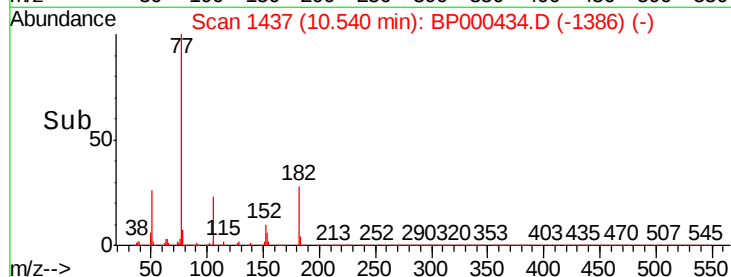
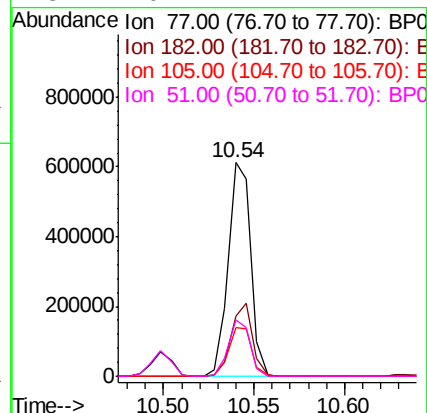
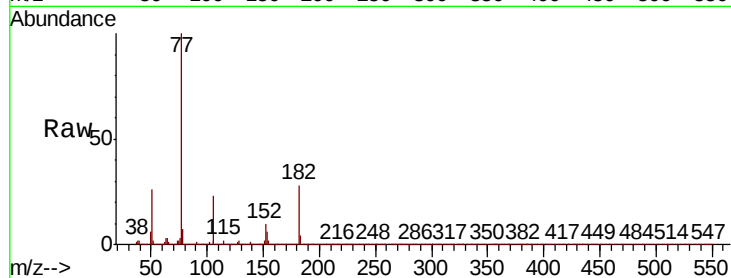




#63
Azobenzene
Concen: 46.825 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

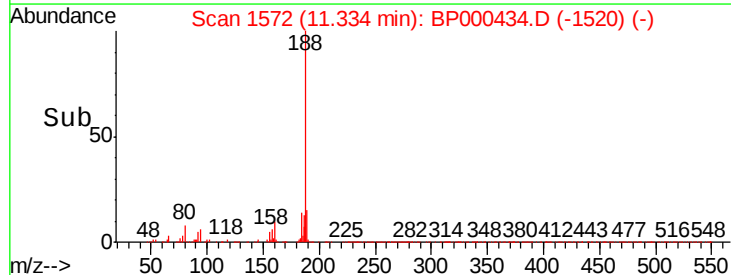
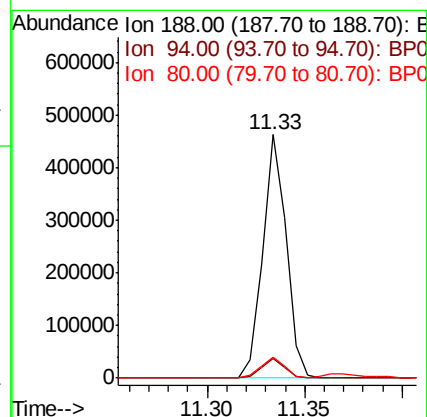
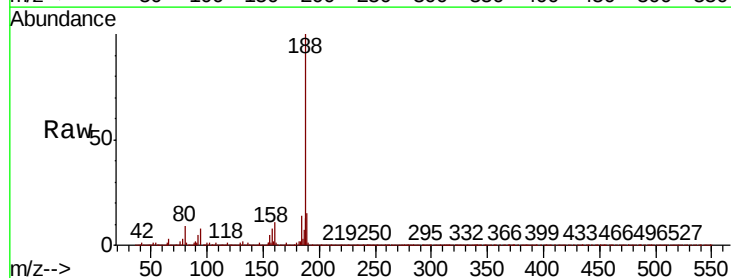
Instrument :
BNA_P
ClientSampleId :

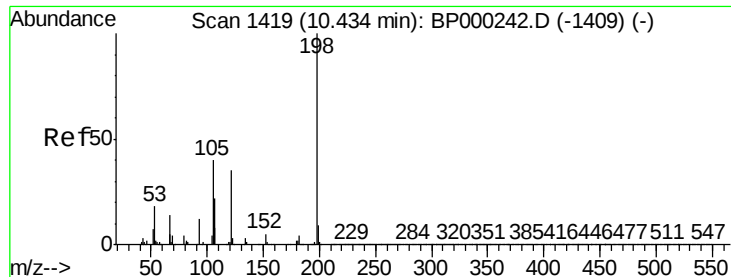
Tot Ion:	77	Resp:	527706
Ion	Ratio	Lower	Upper
77	100		
182	28.0	11.1	51.1
105	22.7	4.7	44.7
51	26.1	2.2	42.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion:	188	Resp:	384061
Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.7	8.6	13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 13.556 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

ClientSampled :

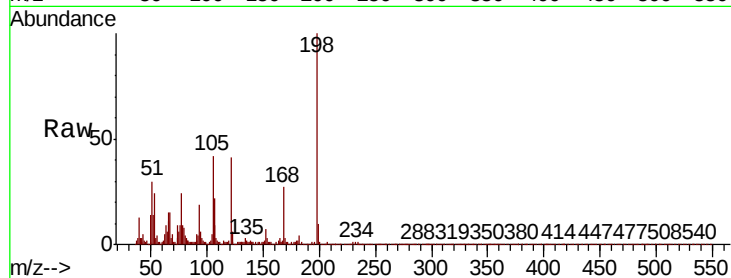
Tot Ion:198 Resp: 24480

Ion Ratio Lower Upper

198 100

51 29.6 7.4 47.4

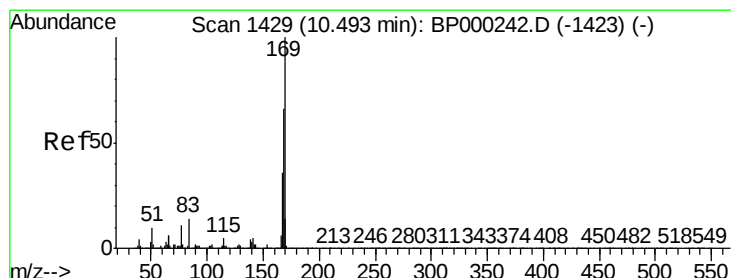
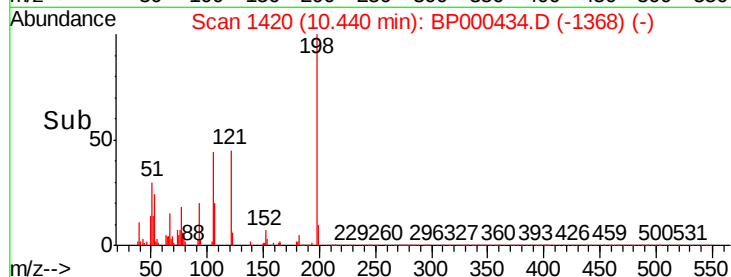
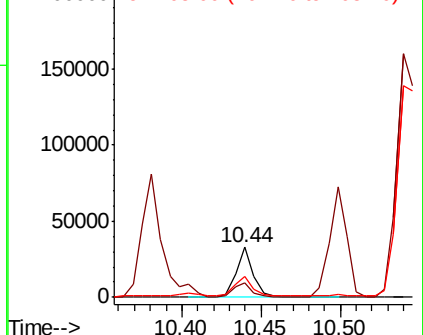
105 42.3 20.2 60.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.150 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

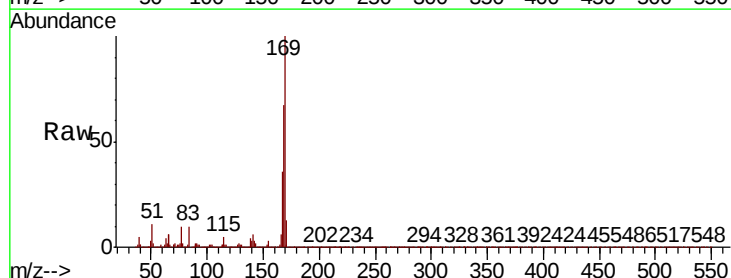
Tgt Ion:169 Resp: 568253

Ion Ratio Lower Upper

169 100

168 67.3 52.9 79.3

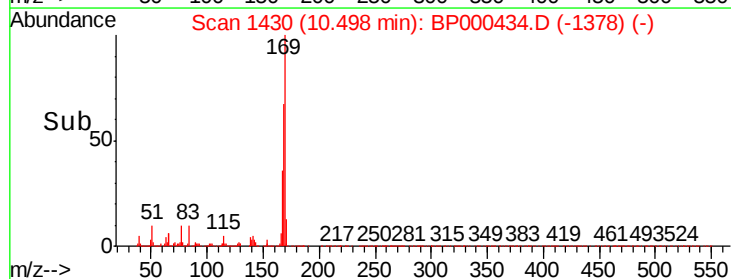
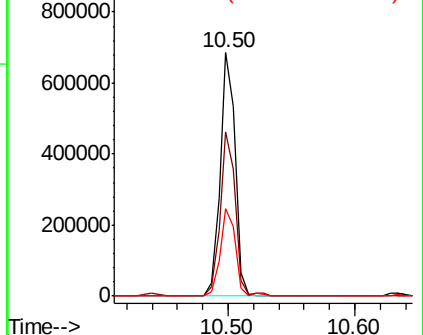
167 36.1 29.0 43.6

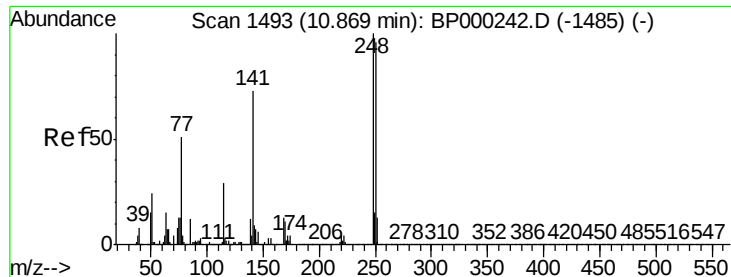


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

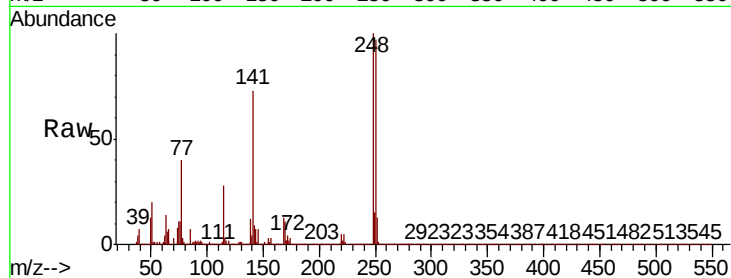




#67
4-Bromophenyl-phenylether
Concen: 51.564 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.0	115.4
141	73.3	58.5	87.7

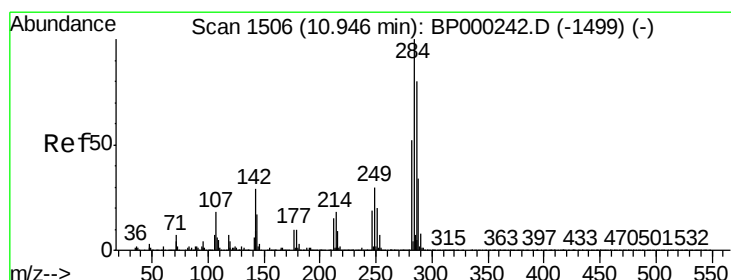
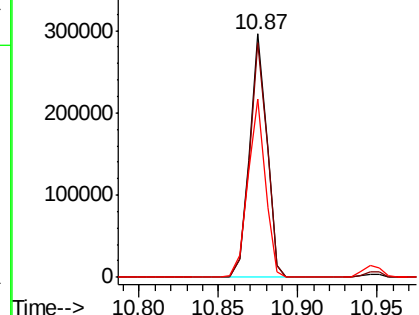
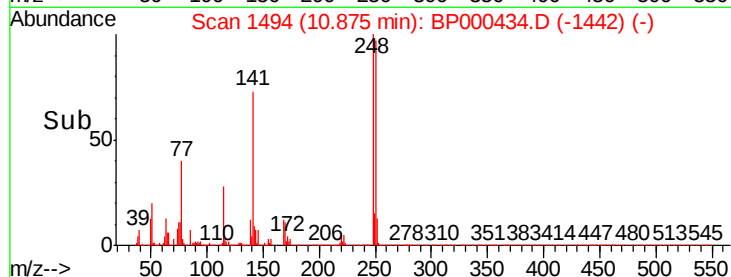


Abundance

Ion 248.00 (247.70 to 248.70): E

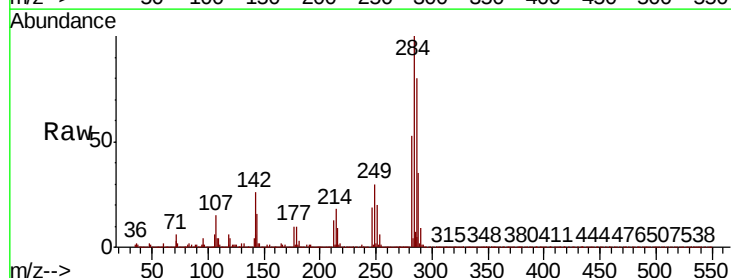
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 52.724 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.9	23.6	35.4
249	29.7	24.3	36.5

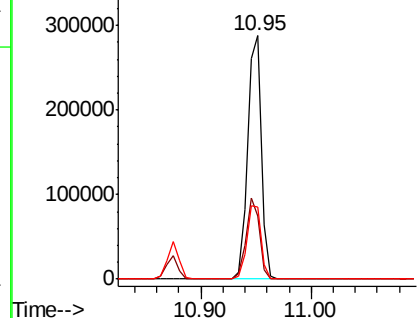
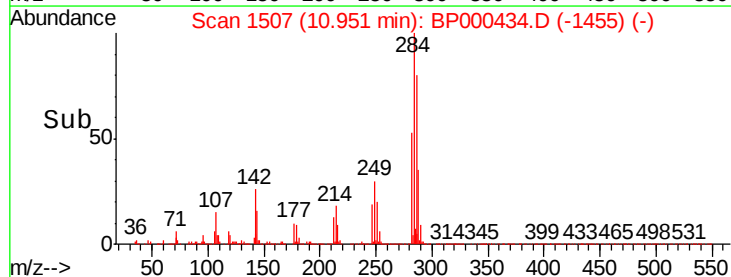


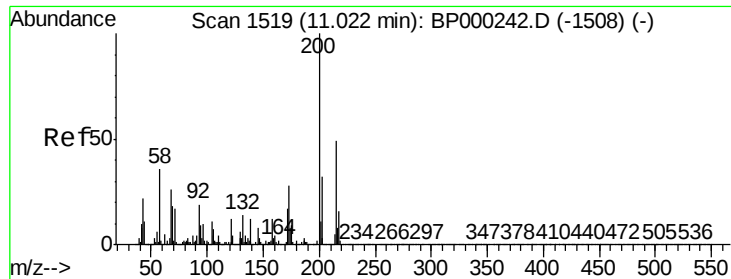
Abundance

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

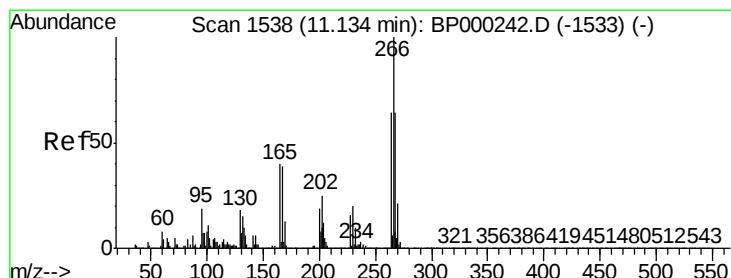
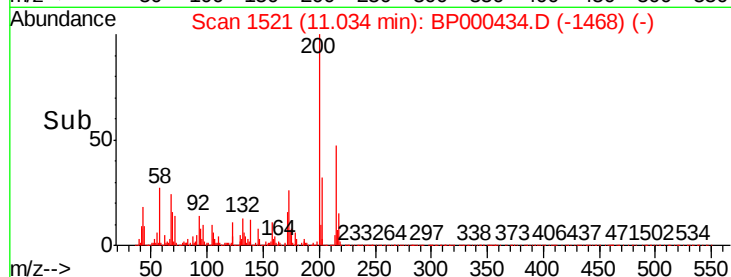
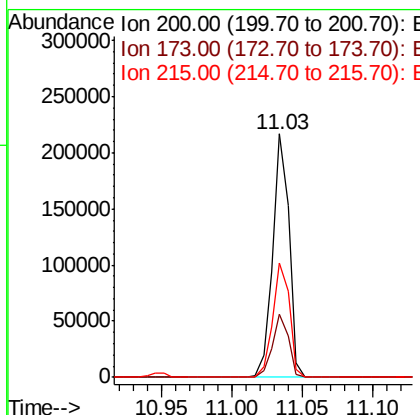
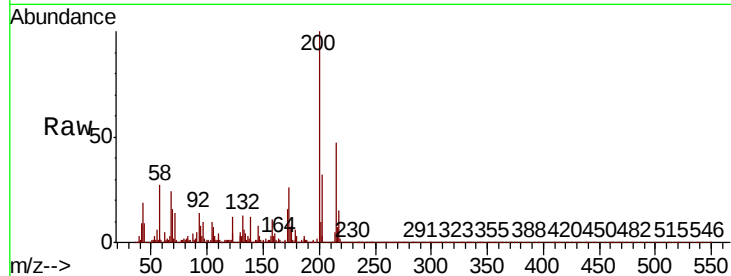




#69
Atrazine
Concen: Below Cal
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

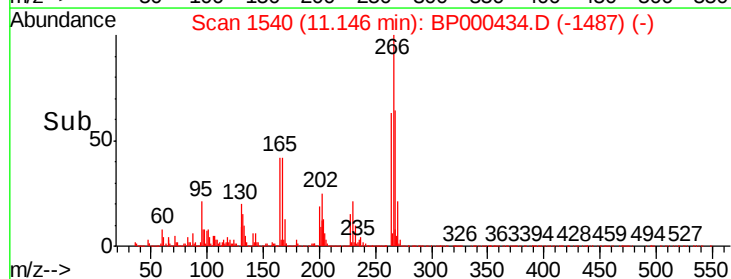
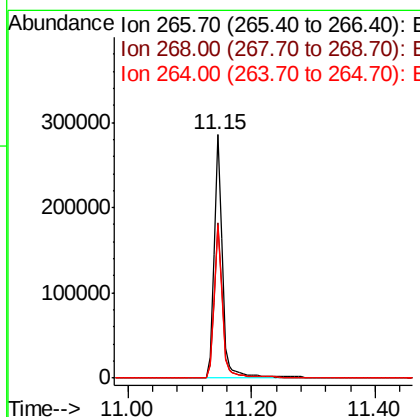
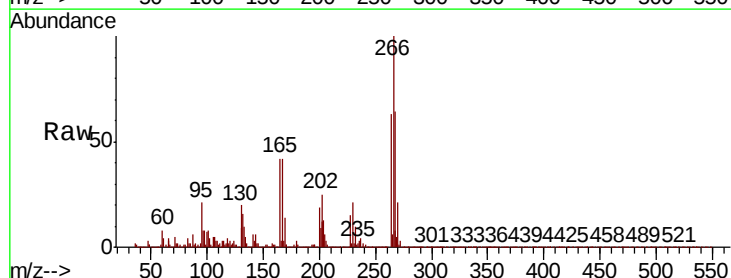
Instrument :
BNA_P
ClientSampled :

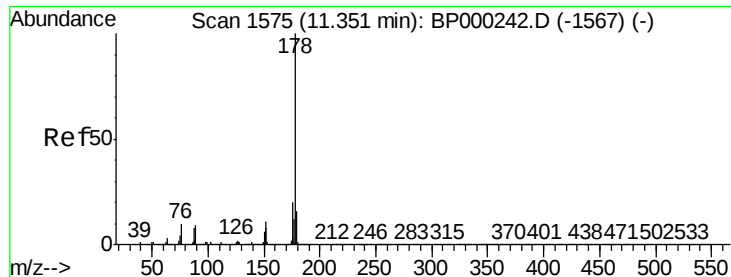
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.7	7.6	47.6
215	46.8	28.6	68.6



#70
Pentachlorophenol
Concen: 101.217 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.6	77.4
264	62.6	50.8	76.2

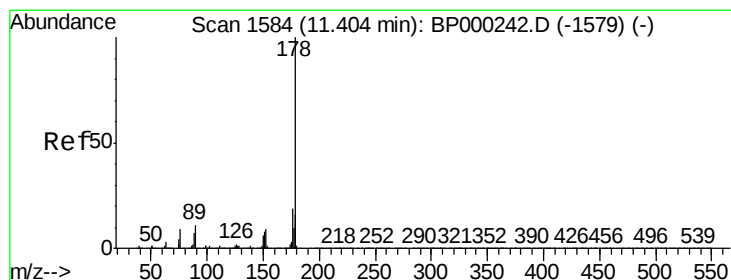
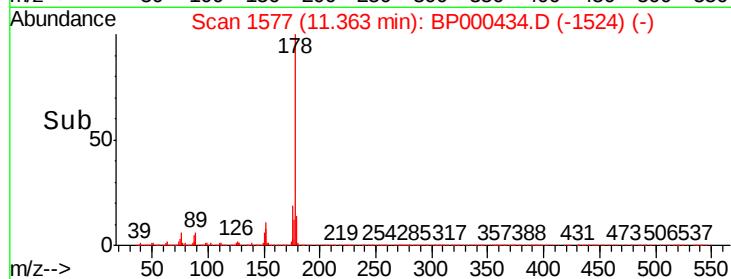
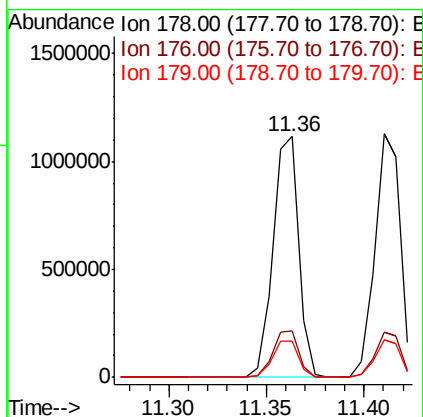
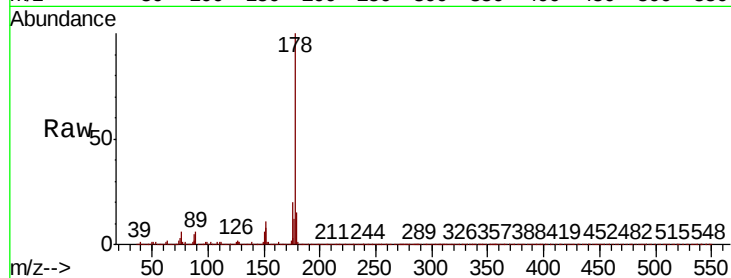




#71
Phenanthrene
Concen: 52.834 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

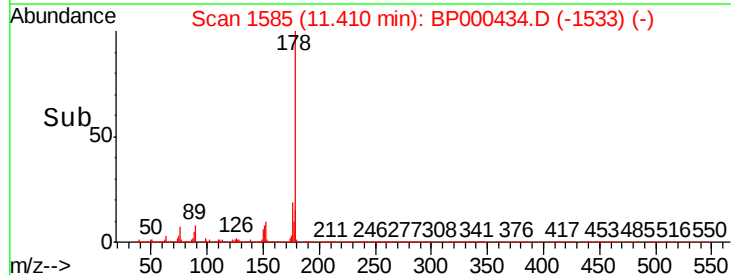
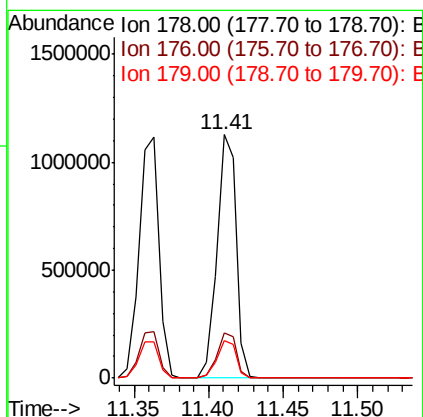
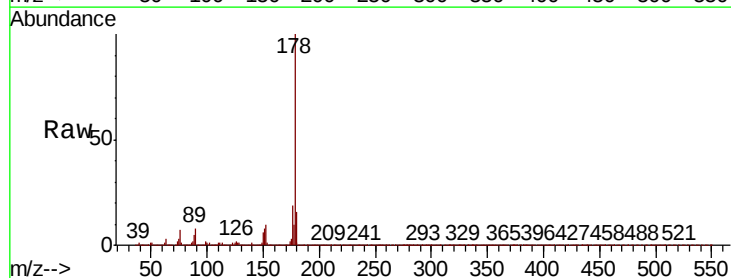
Instrument :
BNA_P
ClientSampled :

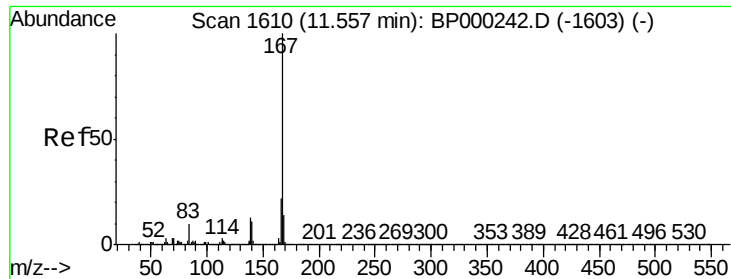
Tot Ion:178 Resp: 1016861
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.3 12.7 19.1



#72
Anthracene
Concen: 51.351 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion:178 Resp: 1017288
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.7 12.7 19.1

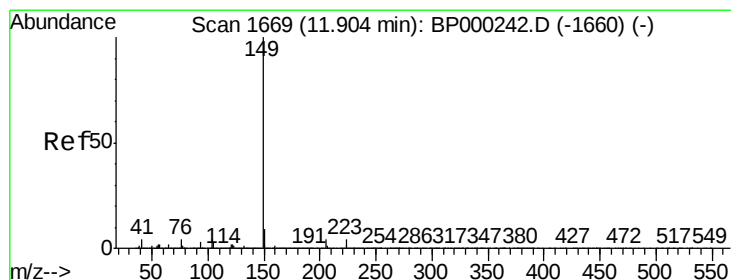
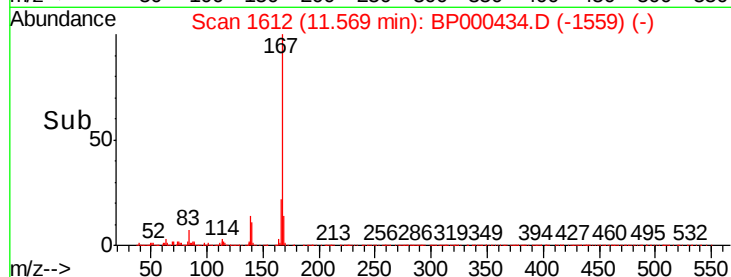
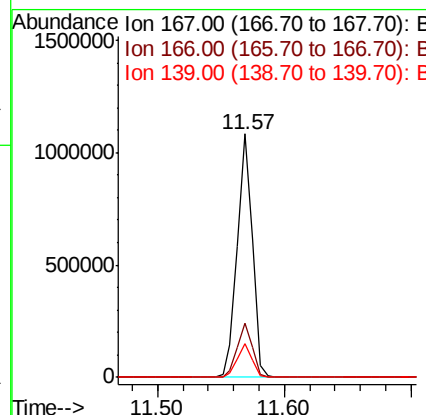
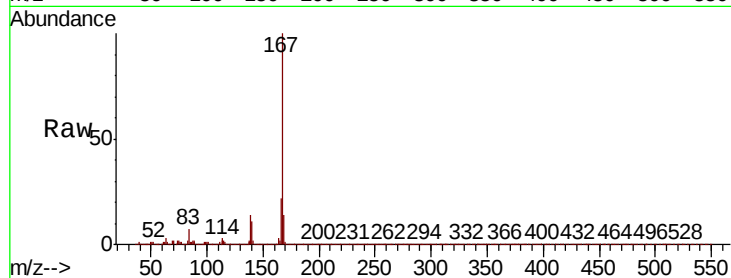




#73
 Carbazole
 Concen: 49.597 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.01 min
 Lab File: BP000434.D
 Acq: 26 Sep 2019 20:00

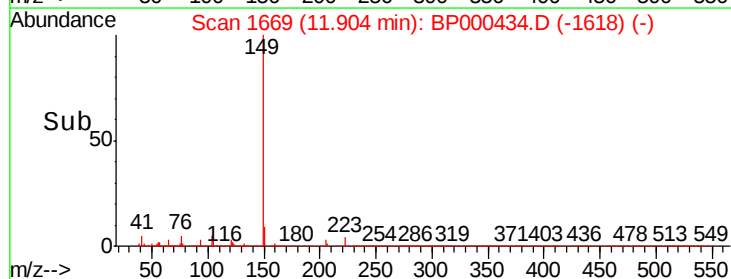
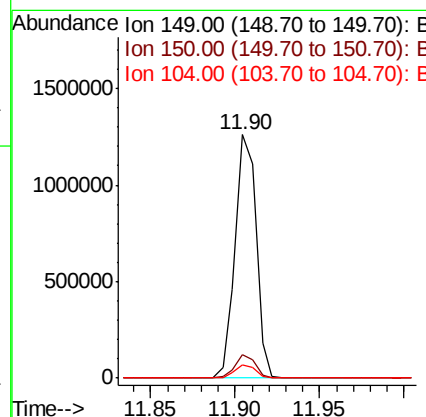
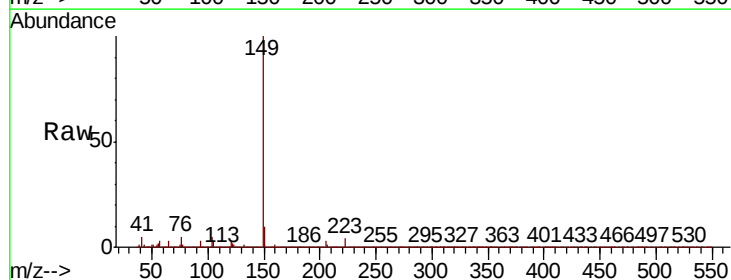
Instrument :
 BNA_P
 ClientSampleId :

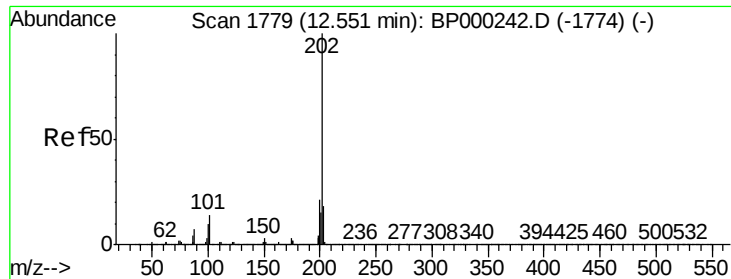
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.8
139	13.9	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 48.074 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BP000434.D
 Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	5.5	3.5	5.3

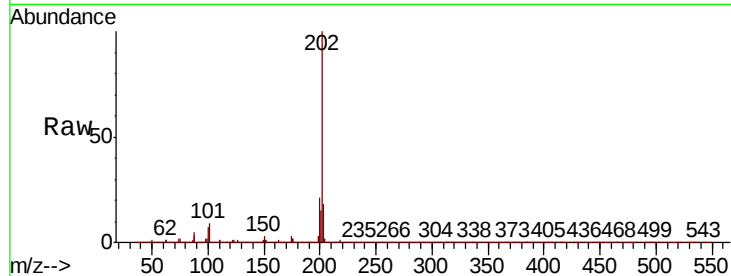




#75
 Fluoranthene
 Concen: 59.918 ng
 RT: 12.56 min Scan# 1781
 Delta R.T. 0.01 min
 Lab File: BP000434.D
 Acq: 26 Sep 2019 20:00

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	33.9
203	17.7	0.0	38.0

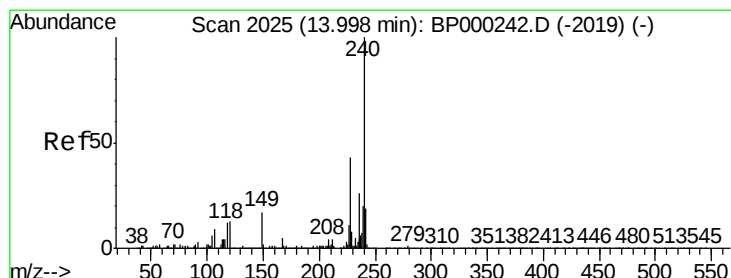
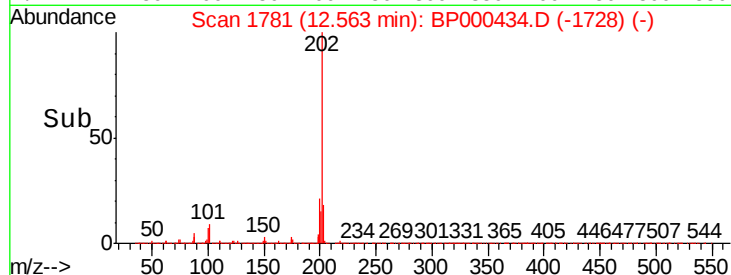
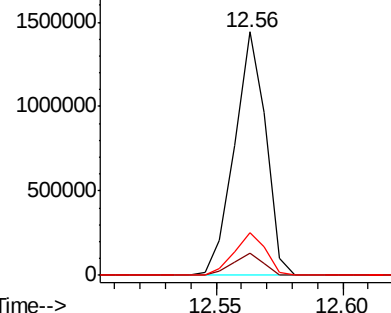


Abundance

Ion 202.00 (201.70 to 202.70): E

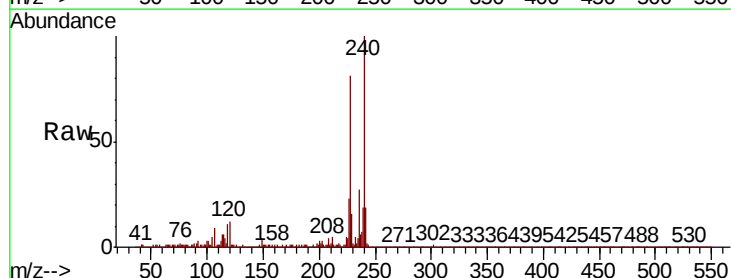
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BP000434.D
 Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.4	15.6
236	26.5	21.0	31.6

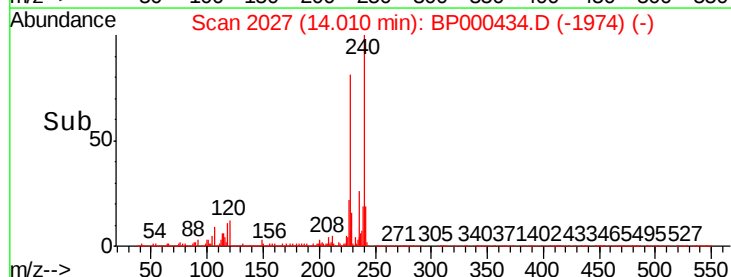
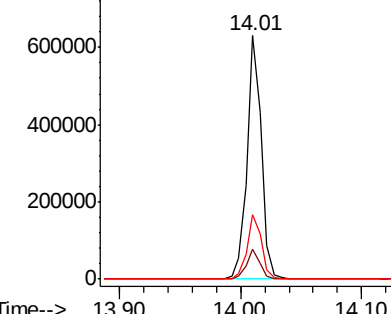


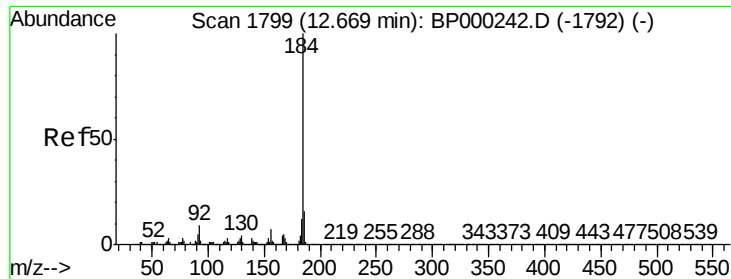
Abundance

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: 37.030 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.02 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

ClientSampleId :

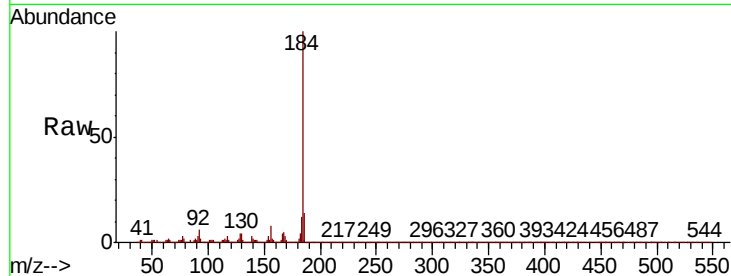
Tot Ion:184 Resp: 686996

Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.7	19.1
183	12.3	9.5	14.3

184 100

185 14.2 12.7 19.1

183 12.3 9.5 14.3

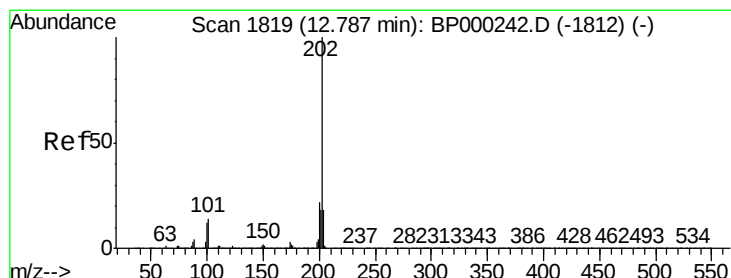
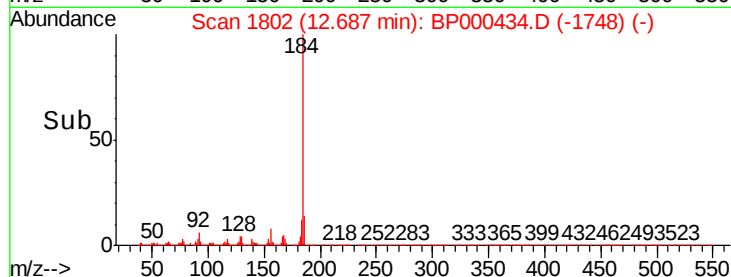
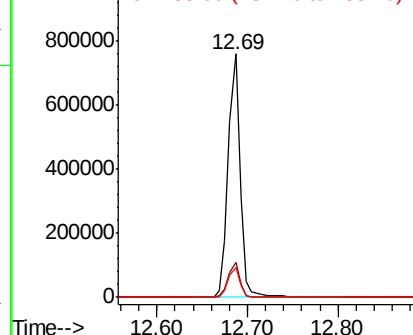


Abundance

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: 33.722 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

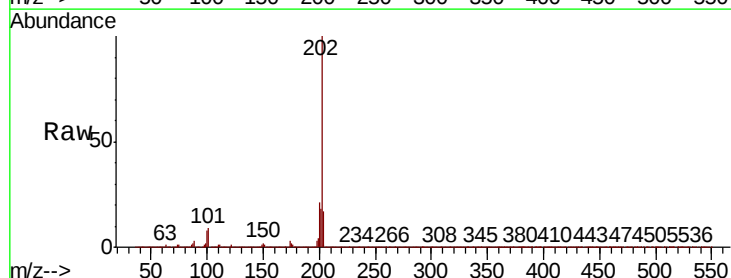
Tgt Ion:202 Resp: 1310582

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.5	26.3
203	17.2	14.3	21.5

202 100

200 21.4 17.5 26.3

203 17.2 14.3 21.5

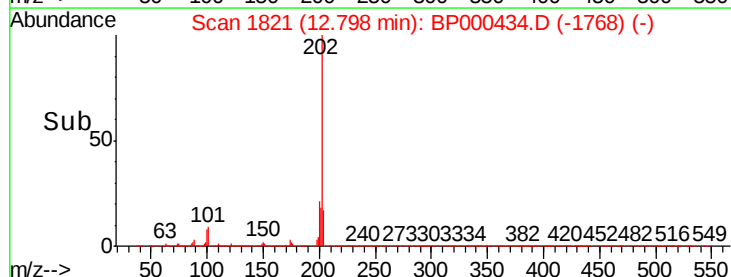
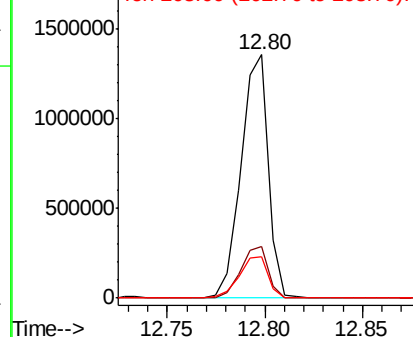


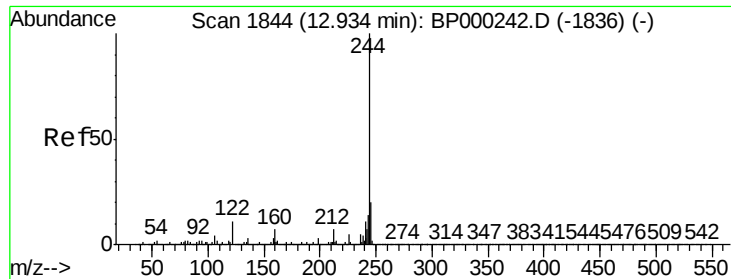
Abundance

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: 54.810 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

ClientSampleId :

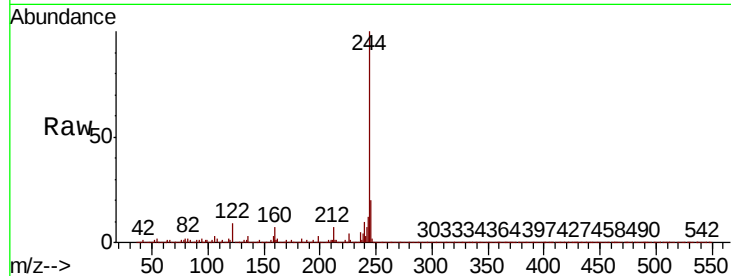
Tot Ion:244 Resp: 1357207

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

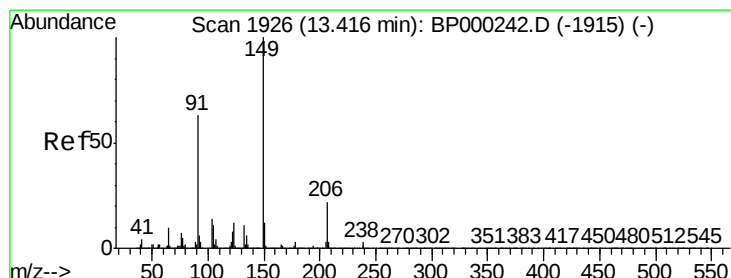
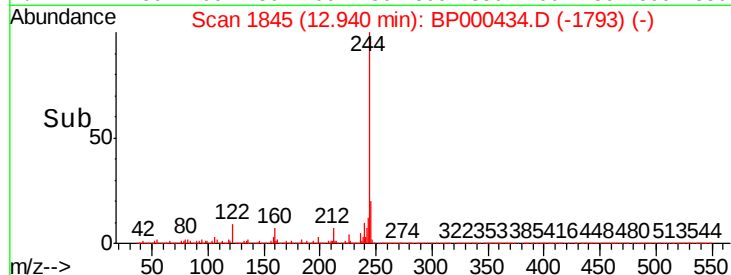
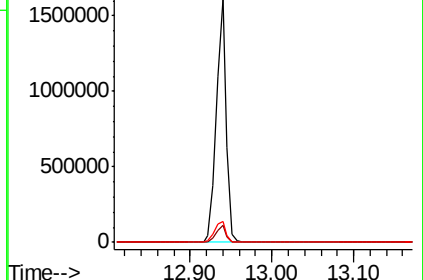
122 8.8 9.0 13.4#



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: 47.889 ng

RT: 13.42 min Scan# 1927

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

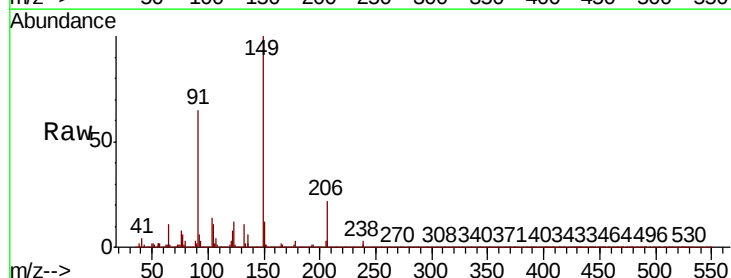
Tgt Ion:149 Resp: 855212

Ion Ratio Lower Upper

149 100

91 65.4 50.6 76.0

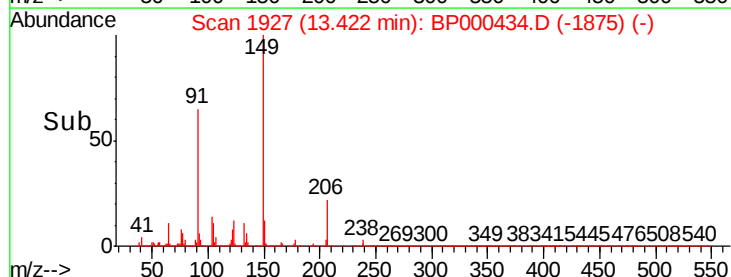
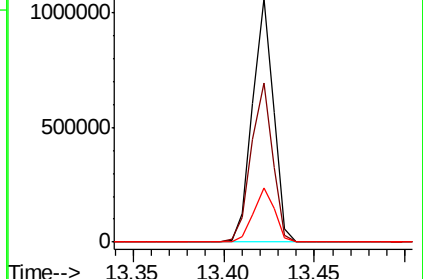
206 22.1 17.8 26.6

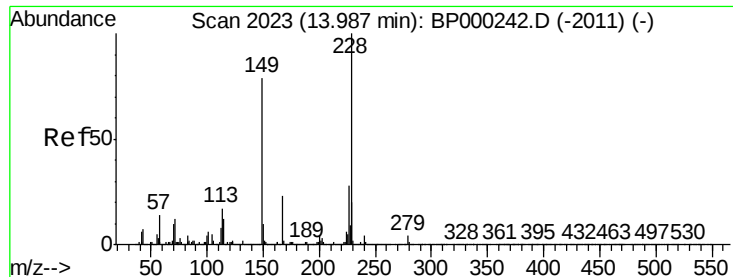


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 53.371 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.02 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

ClientSampleId :

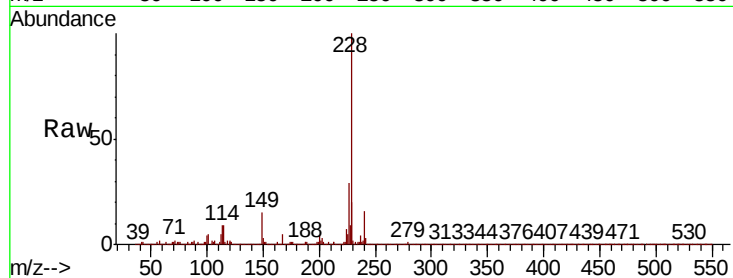
Tot Ion:228 Resp: 1751291

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.2	33.4
229	19.7	16.0	24.0

228 100

226 28.6 22.2 33.4

229 19.7 16.0 24.0

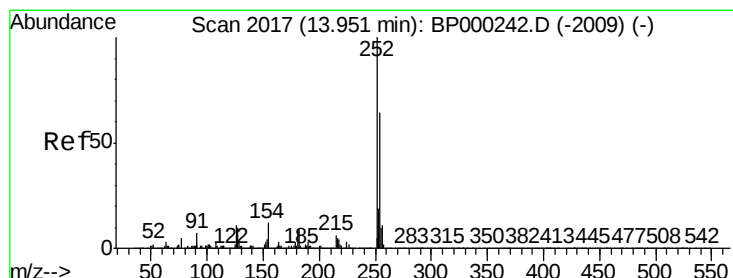
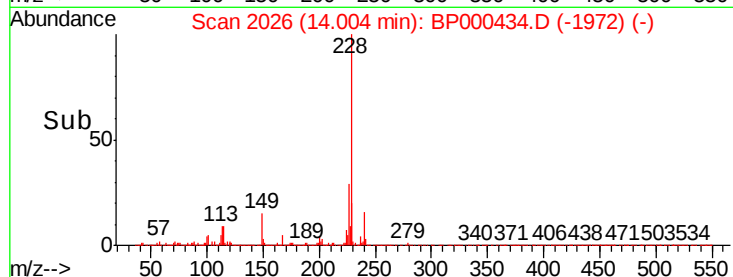
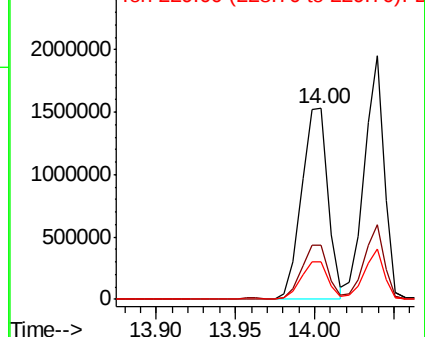


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 49.349 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

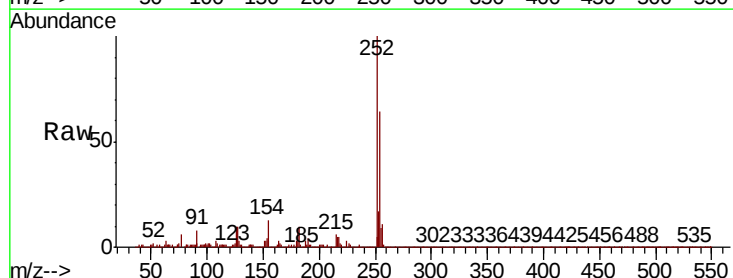
Tgt Ion:252 Resp: 650788

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.5	77.3
126	10.3	8.4	12.6

252 100

254 63.8 51.5 77.3

126 10.3 8.4 12.6

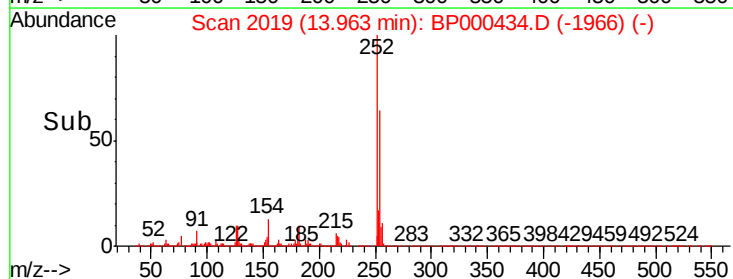
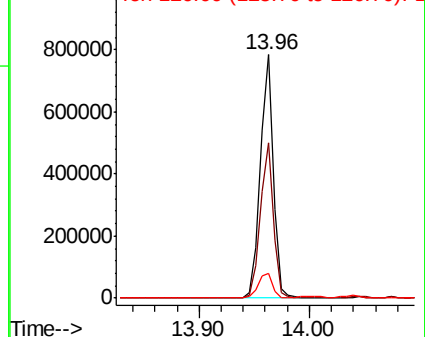


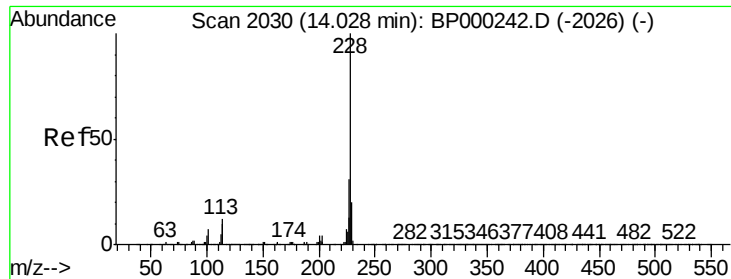
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 53.378 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

ClientSampled :

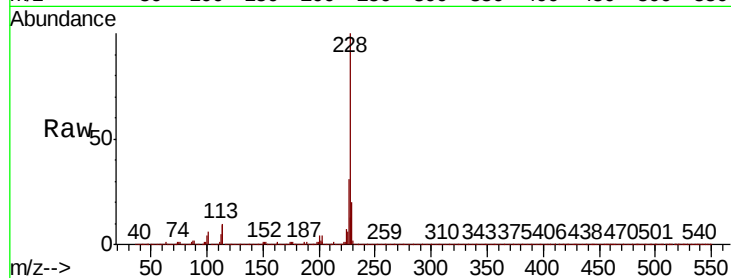
Tot Ion:228 Resp: 1719739

Ion Ratio Lower Upper

228 100

226 30.9 24.9 37.3

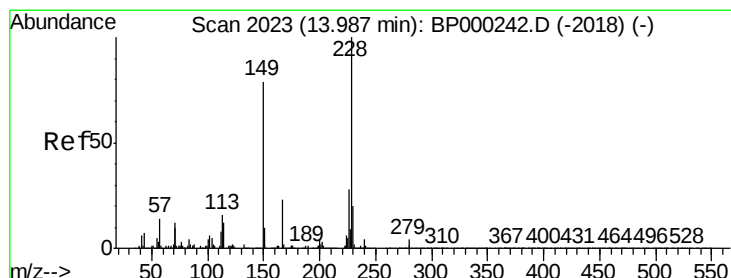
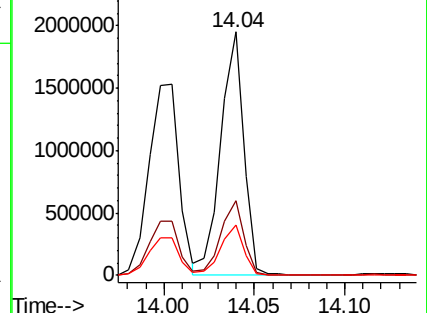
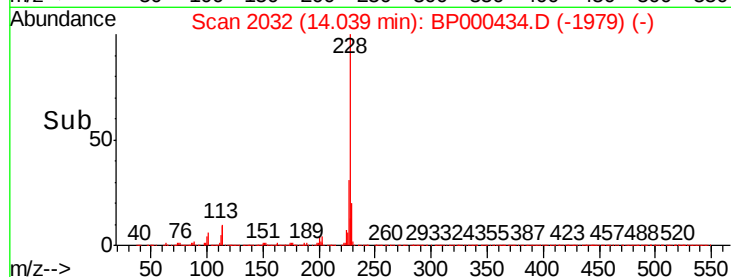
229 20.5 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.841 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

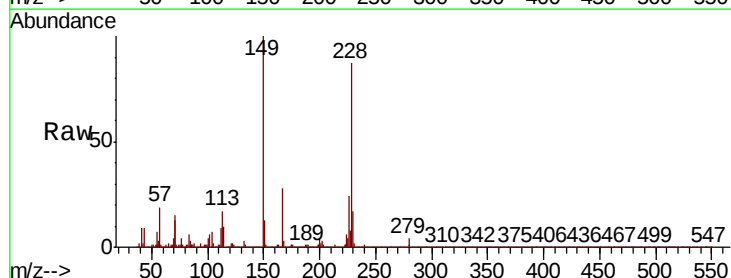
Tgt Ion:149 Resp: 1025577

Ion Ratio Lower Upper

149 100

167 27.5 23.0 34.4

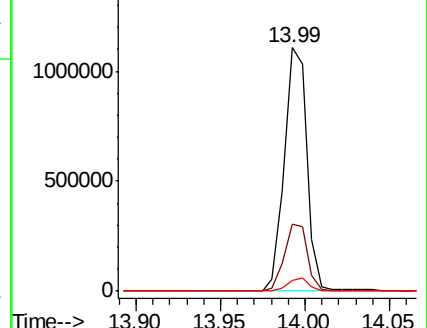
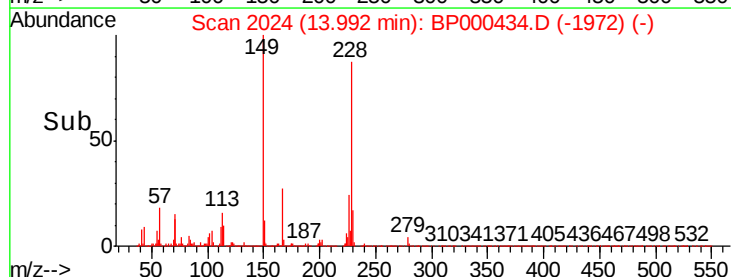
279 4.4 3.7 5.5

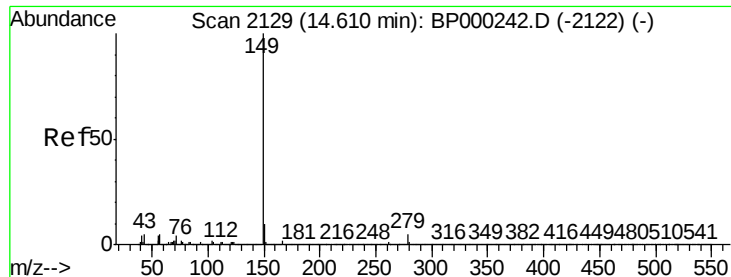


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.485 ng

RT: 14.62 min Scan# 2130

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

ClientSampleId :

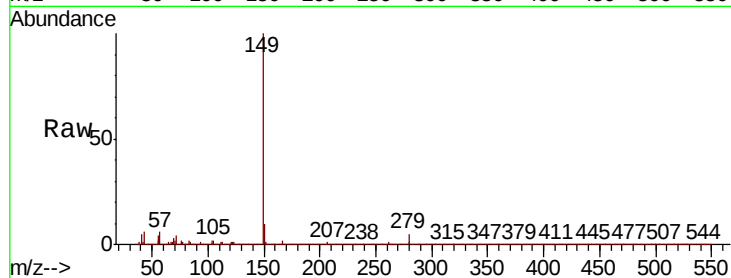
Tot Ion:149 Resp: 2005854

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

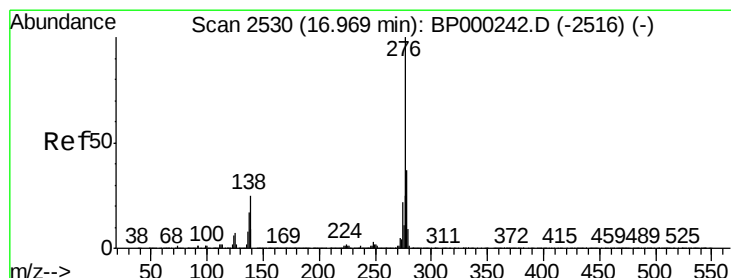
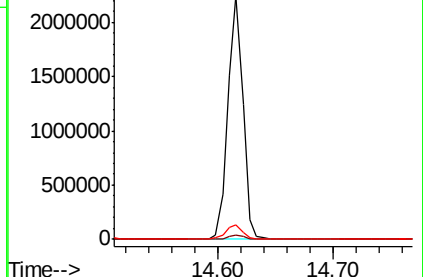
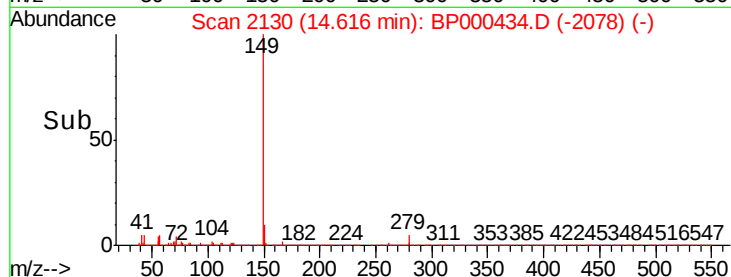
43 5.8 5.0 7.6



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: 47.313 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.04 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

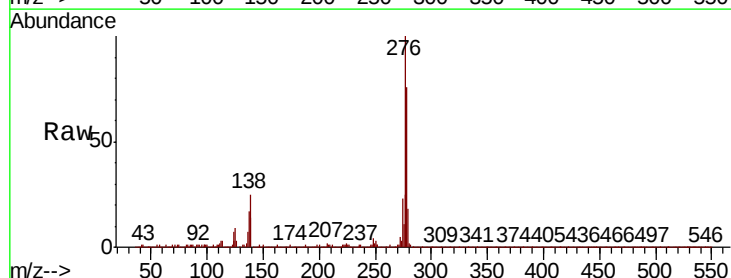
Tgt Ion:276 Resp: 1858051

Ion Ratio Lower Upper

276 100

138 24.9 22.6 33.8

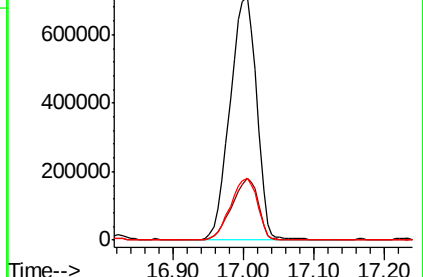
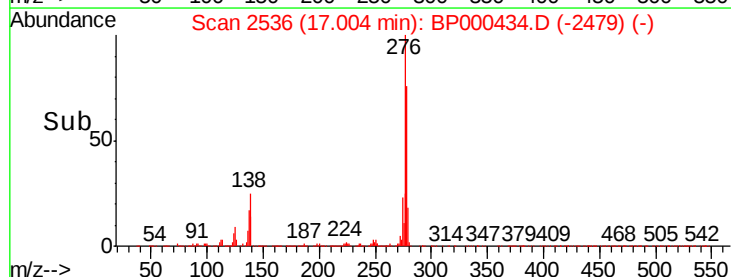
277 25.6 20.4 30.6

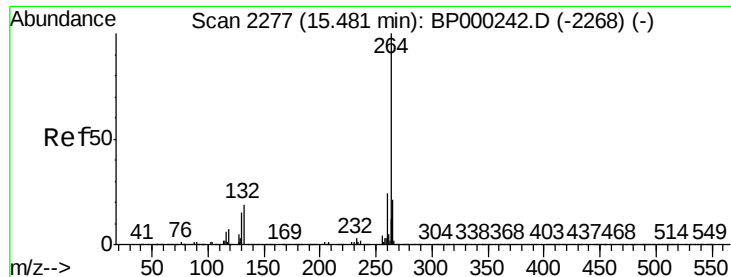


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.50 min Scan# 2280

Delta R.T. 0.02 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

ClientSampleId :

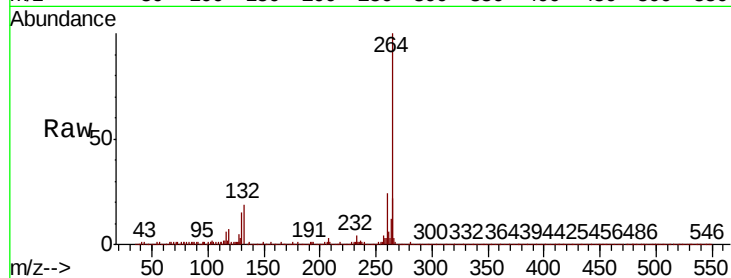
Tot Ion:264 Resp: 700923

Ion Ratio Lower Upper

264 100

260 24.4 18.9 28.3

265 22.5 17.2 25.8

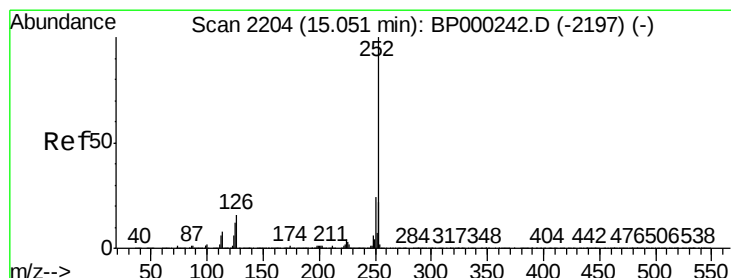
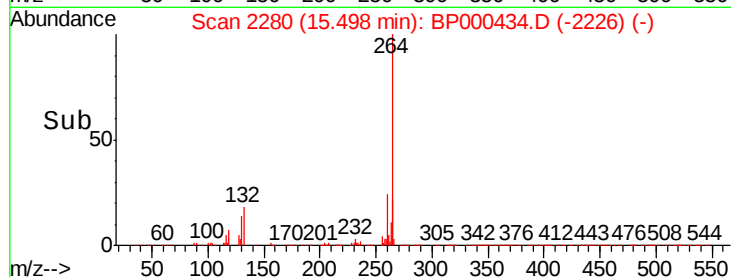
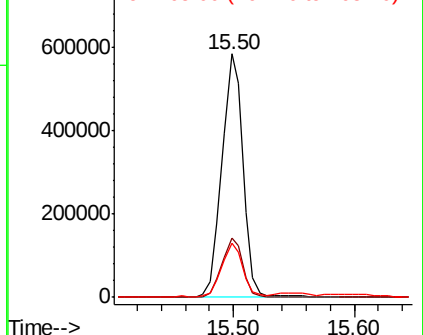


Abundance

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: 51.141 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.02 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

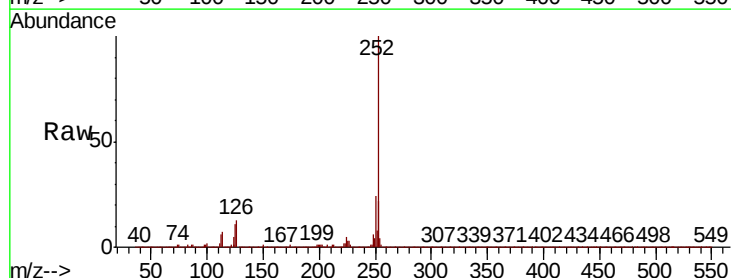
Tgt Ion:252 Resp: 2138450

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 10.6 9.5 14.3

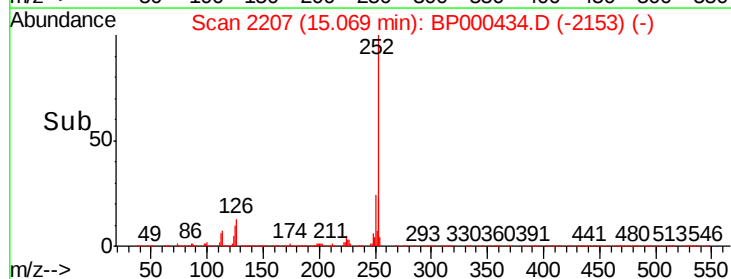
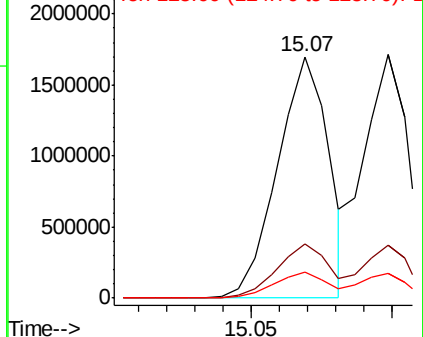


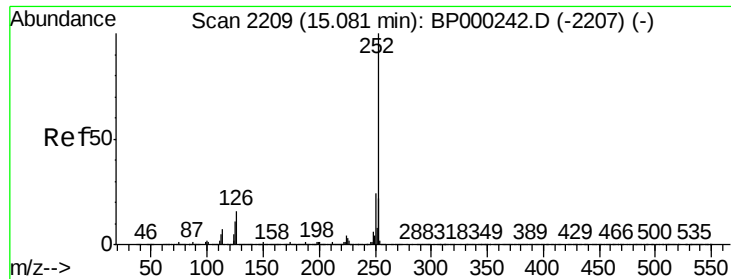
Abundance

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

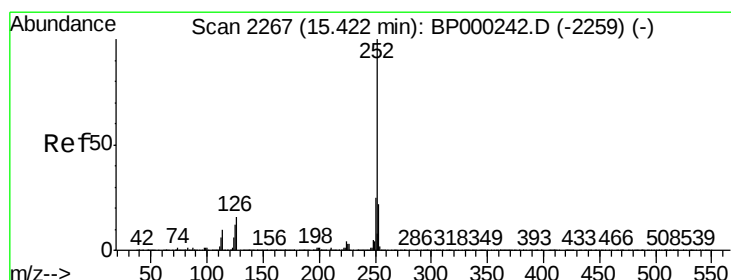
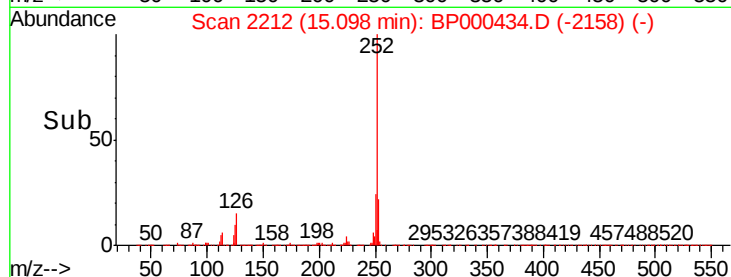
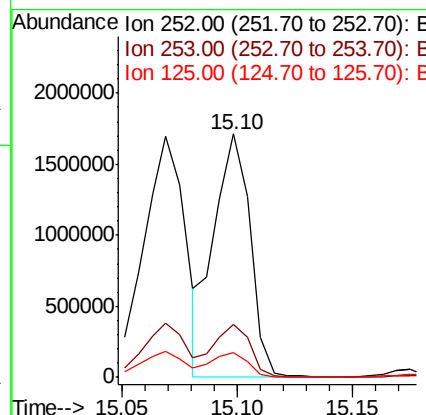
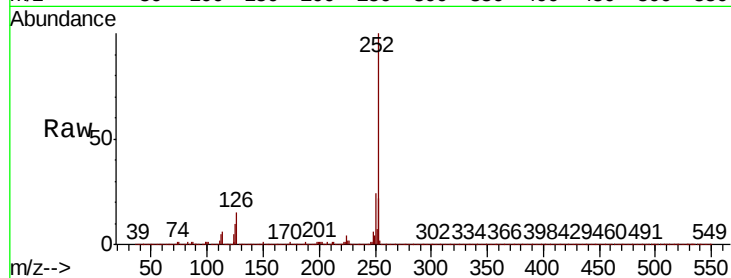




#89
Benzo(k)fluoranthene
Concen: 51.206 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.02 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

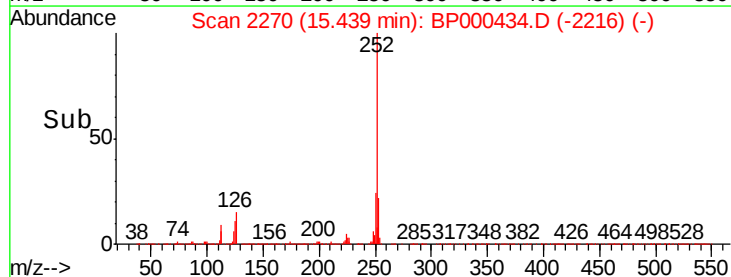
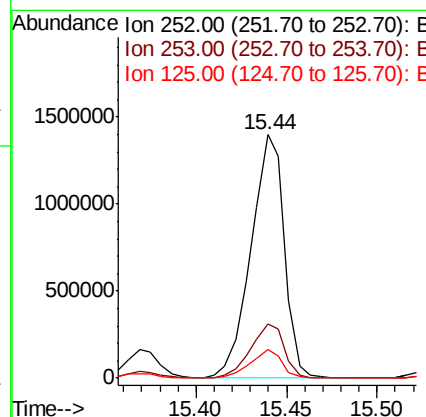
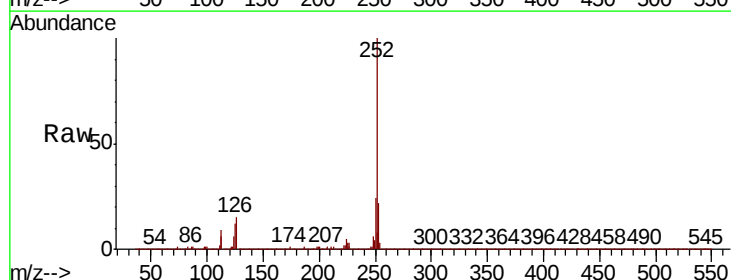
Instrument :
BNA_P
ClientSampleId :

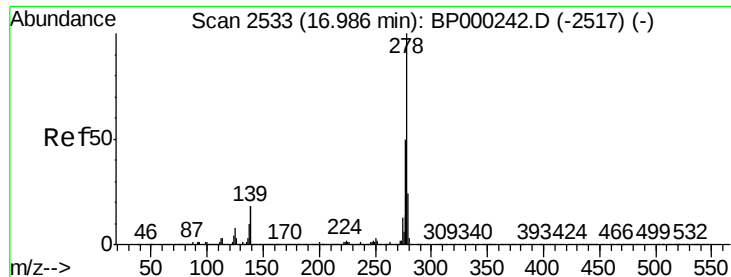
Tot Ion:252 Resp: 1867725
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 10.3 9.6 14.4



#90
Benzo(a)pyrene
Concen: 46.699 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.02 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion:252 Resp: 1776796
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 11.6 10.0 15.0





#91

Dibenzo(a,h)anthracene

Concen: 42.080 ng

RT: 17.02 min Scan# 2538

Delta R.T. 0.03 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

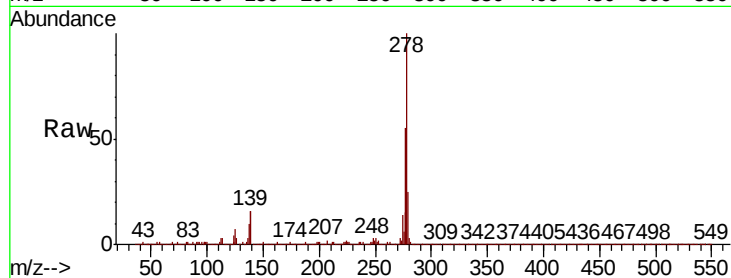
Instrument :

BNA_P

ClientSampleId :

Tot Ion:278 Resp: 1492714

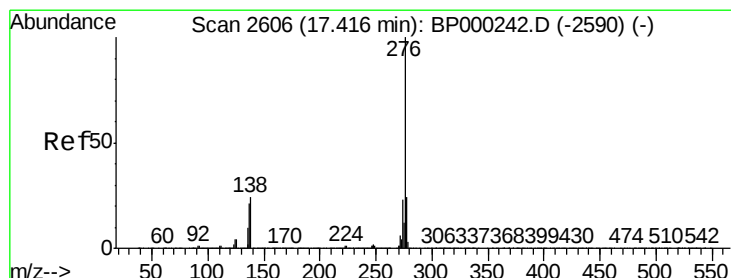
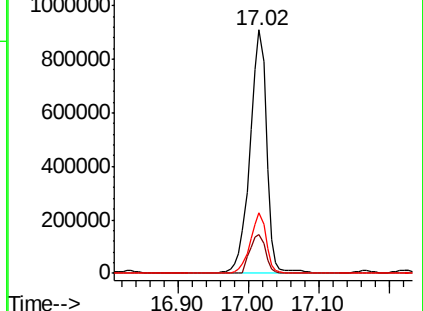
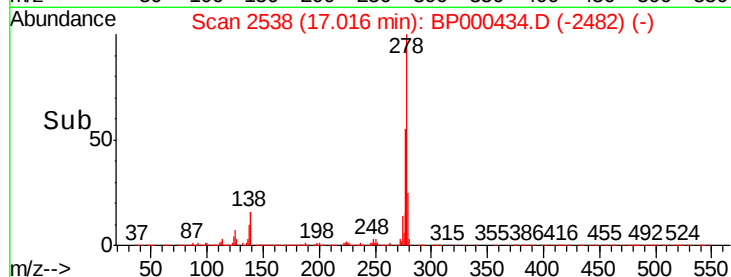
Ion	Ratio	Lower	Upper
278	100		
139	16.1	14.5	21.7
279	24.7	19.0	28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 24.896 ng

RT: 17.45 min Scan# 2612

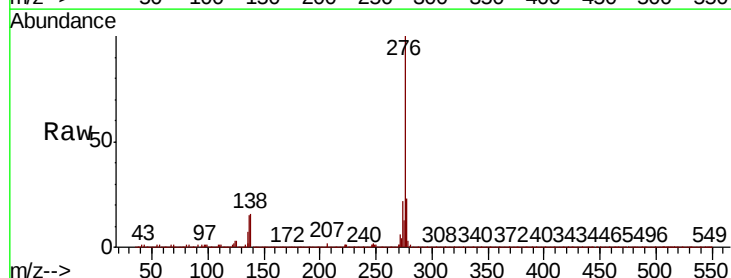
Delta R.T. 0.04 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Tgt Ion:276 Resp: 907748

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.1	28.7
138	16.3	19.5	29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

