

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
 Data File : BP000394.D
 Acq On : 24 Sep 2019 19:25
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 25 01:15:28 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	217280	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	709760	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	332303	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	630825	20.00	ng	0.00
76) Chrysene-d12	13.99	240	588737	20.00	ng	0.00
87) Perylene-d12	15.47	264	691053	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1095437	87.04	ng	0.00
7) Phenol-d6	6.43	99	1348136	87.38	ng	0.00
23) Nitrobenzene-d5	7.35	82	954260	86.75	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	329899	100.09	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1755419	95.08	ng	0.00
79) Terphenyl-d14	12.93	244	2328396	82.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	226401	39.862	ng	99
3) Pyridine	3.22	79	625699	40.922	ng	100
4) n-Nitrosodimethylamine	3.16	42	180897	41.958	ng	98
6) Aniline	6.45	93	899487	42.286	ng	# 82
8) 2-Chlorophenol	6.58	128	592156	43.692	ng	99
9) Benzaldehyde	6.33	77	362653	44.259	ng	99
10) Phenol	6.44	94	749903	42.782	ng	85
11) bis(2-Chloroethyl)ether	6.52	93	563968	42.015	ng	98
12) 1,3-Dichlorobenzene	6.73	146	709802	43.643	ng	97
13) 1,4-Dichlorobenzene	6.80	146	710449	43.905	ng	98
14) 1,2-Dichlorobenzene	6.96	146	658685	44.436	ng	98
15) Benzyl Alcohol	6.93	79	482154	42.945	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	521483	40.978	ng	99
17) 2-Methylphenol	7.05	107	483530	41.655	ng	99
18) Hexachloroethane	7.30	117	219353	36.631	ng	91
19) n-Nitroso-di-n-propylamine	7.20	70	330931	40.570	ng	98
20) 3+4-Methylphenols	7.20	107	580246	41.337	ng	92
22) Acetophenone	7.19	105	775840	50.441	ng	# 98
24) Nitrobenzene	7.36	77	487234	42.642	ng	94
25) Isophorone	7.60	82	891885	40.944	ng	98
26) 2-Nitrophenol	7.69	139	264390	43.647	ng	97
27) 2,4-Dimethylphenol	7.73	122	396686	41.112	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	599835	41.402	ng	100
29) 2,4-Dichlorophenol	7.93	162	451067	43.618	ng	98
30) 1,2,4-Trichlorobenzene	8.01	180	544375	45.926	ng	97
31) Naphthalene	8.09	128	1458483	44.369	ng	99
32) Benzoic acid	7.83	122	244236	37.489	ng	99
33) 4-Chloroaniline	8.14	127	652047	43.831	ng	99
34) Hexachlorobutadiene	8.22	225	309356	44.048	ng	100
35) Caprolactam	8.50	113	122607	34.853	ng	96
36) 4-Chloro-3-methylphenol	8.63	107	379175	36.119	ng	99
37) 2-Methylnaphthalene	8.79	142	831036	36.983	ng	99
38) 1-Methylnaphthalene	8.89	142	780313	37.070	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	440104	46.321	ng	98

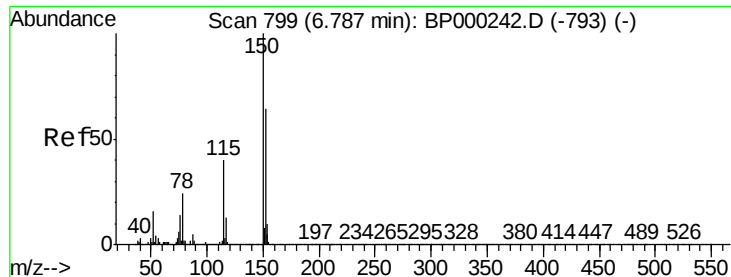
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	166813	30.575	ng	98
43) 2,4,6-Trichlorophenol	9.06	196	286580	43.591	ng	99
44) 2,4,5-Trichlorophenol	9.11	196	298989	44.414	ng	98
46) 1,1'-Biphenyl	9.25	154	1025818	44.624	ng	98
47) 2-Chloronaphthalene	9.28	162	844955	43.817	ng	99
48) 2-Nitroaniline	9.37	65	210102	42.904	ng	100
49) Acenaphthylene	9.69	152	1287772	44.426	ng	99
50) Dimethylphthalate	9.55	163	1021726	45.129	ng	99
51) 2,6-Dinitrotoluene	9.61	165	222033	44.602	ng	95
52) Acenaphthene	9.86	154	799518	43.708	ng	100
53) 3-Nitroaniline	9.78	138	247608	42.852	ng	96
54) 2,4-Dinitrophenol	9.89	184	79121	35.975	ng	97
55) Dibenzofuran	10.04	168	1166507	45.110	ng	99
56) 4-Nitrophenol	9.95	139	171301	39.859	ng	93
57) 2,4-Dinitrotoluene	10.02	165	297877	45.772	ng	# 90
58) Fluorene	10.38	166	896784	44.899	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	252557	45.593	ng	98
60) Diethylphthalate	10.25	149	988614	45.393	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	483020	47.112	ng	98
62) 4-Nitroaniline	10.39	138	258519	45.486	ng	92
63) Azobenzene	10.53	77	779059	42.222	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	118929	40.095	ng	92
66) n-Nitrosodiphenylamine	10.49	169	812934	42.808	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	317976	44.576	ng	93
68) Hexachlorobenzene	10.94	284	363060	46.555	ng	99
69) Atrazine	11.02	200	182638	33.837	ng	99
70) Pentachlorophenol	11.13	266	155622	36.639	ng	98
71) Phenanthrene	11.35	178	1410475	44.618	ng	99
72) Anthracene	11.40	178	1419067	43.611	ng	98
73) Carbazole	11.56	167	1300862	44.392	ng	99
74) Di-n-butylphthalate	11.90	149	1586906	42.784	ng	99
75) Fluoranthene	12.55	202	1600198	47.141	ng	96
77) Benzidine	12.67	184	798636	37.983	ng	99
78) Pyrene	12.78	202	1639481	37.221	ng	100
80) Butylbenzylphthalate	13.41	149	759106	37.506	ng	97
81) Benzo(a)anthracene	13.99	228	1592354	42.818	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	648291	43.376	ng	99
83) Chrysene	14.02	228	1519008	41.600	ng	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	955584	39.331	ng	99
85) Di-n-octyl phthalate	14.60	149	1809647	40.188	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	1991941	44.755	ng	95
88) Benzo(b)fluoranthene	15.05	252	1725782	41.862	ng	# 96
89) Benzo(k)fluoranthene	15.07	252	1638702	45.569	ng	# 97
90) Benzo(a)pyrene	15.41	252	1609052	42.894	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	1620658	46.339	ng	97
92) Benzo(g,h,i)perylene	17.40	276	1635156	45.486	ng	96

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

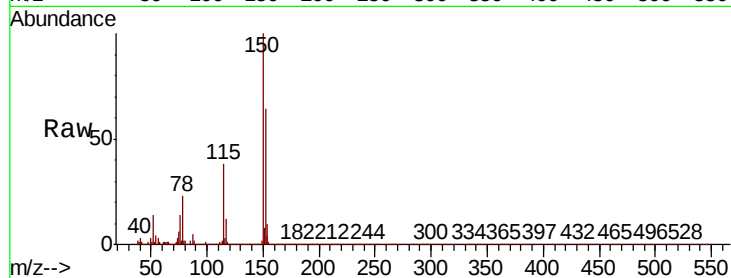


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	125.2	187.8
115	60.0	49.7	74.5

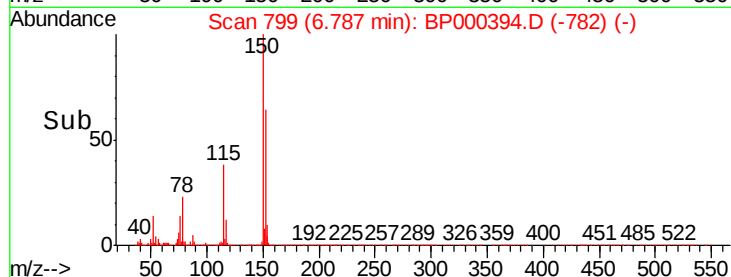
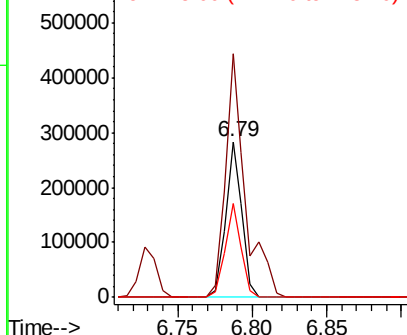


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

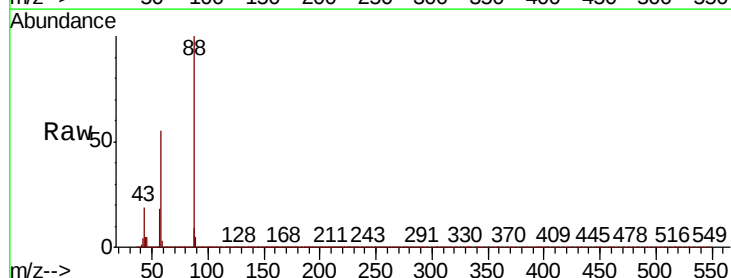
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.862 ng
RT: 2.47 min Scan# 65
Delta R.T. -0.04 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.3	45.4	68.2
43	18.7	15.0	22.6

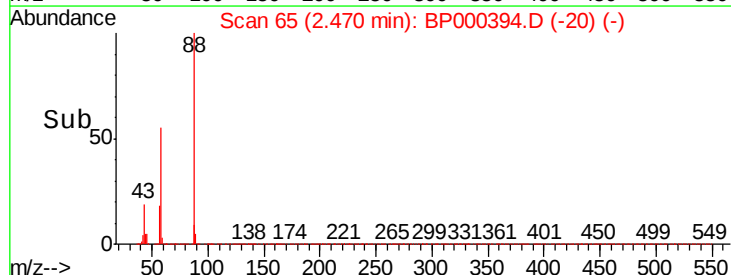
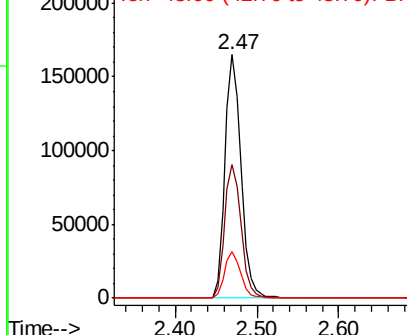


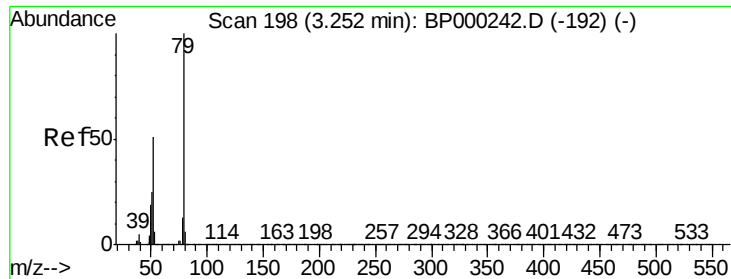
Abundance

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: 40.922 ng

RT: 3.22 min Scan# 193

Delta R.T. -0.03 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

Instrument :

BNA_P

ClientSampleId :

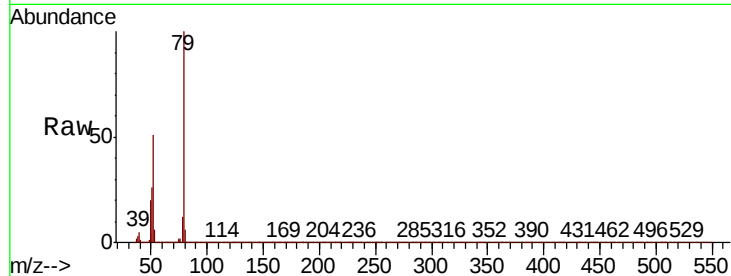
Tot Ion: 79 Resp: 625699

Ion Ratio Lower Upper

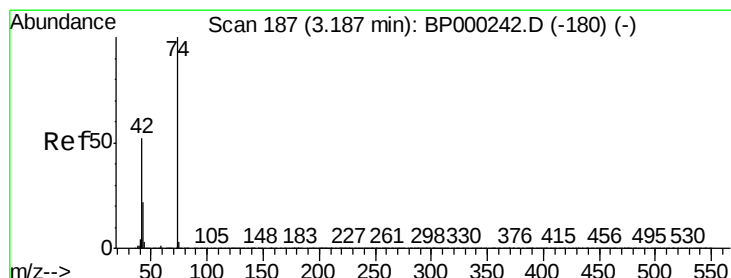
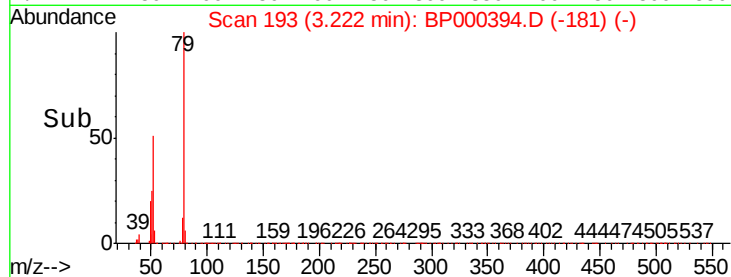
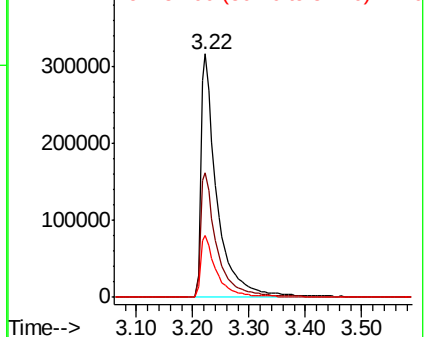
79 100

52 51.0 40.9 61.3

51 25.5 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: 41.958 ng

RT: 3.16 min Scan# 182

Delta R.T. -0.03 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

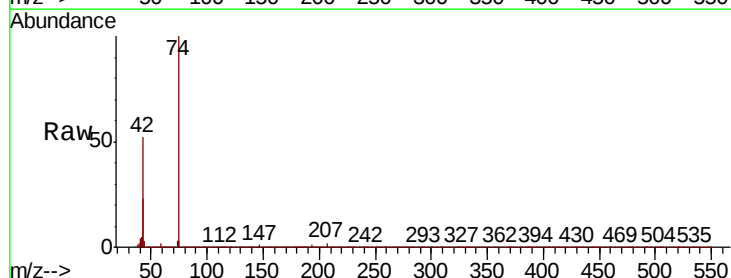
Tgt Ion: 42 Resp: 180897

Ion Ratio Lower Upper

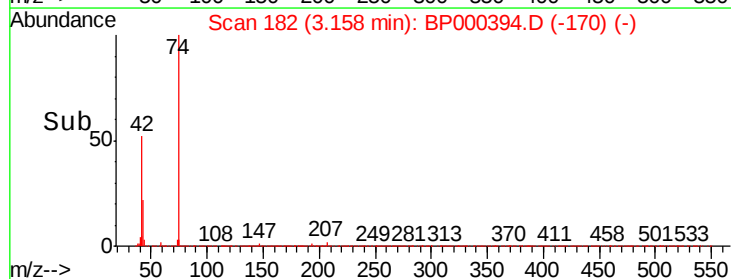
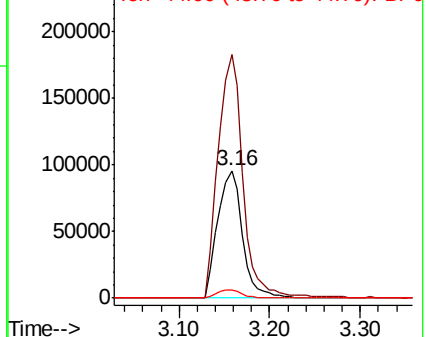
42 100

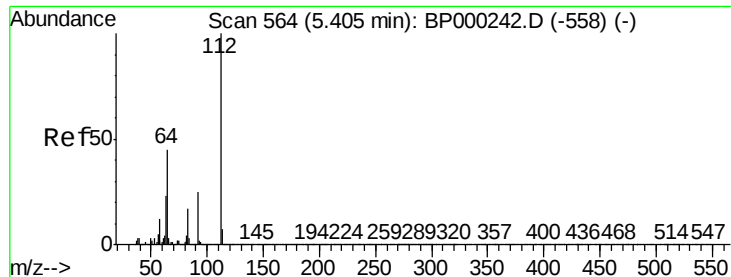
74 190.9 154.5 231.7

44 6.6 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: 87.036 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

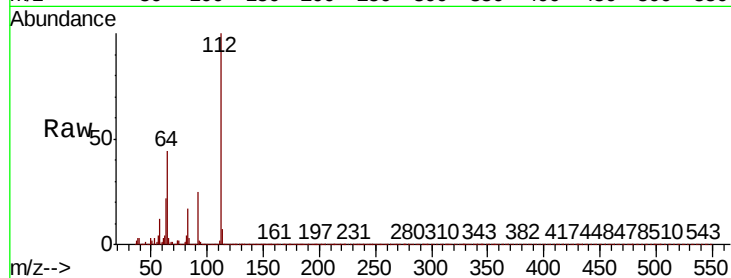
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 112 Resp: 1095437

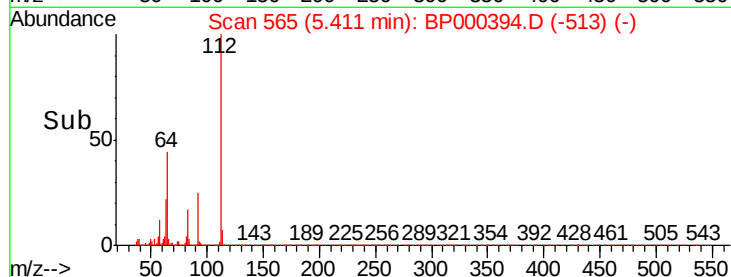
Ion	Ratio	Lower	Upper
112	100		
64	43.7	36.2	54.4
63	22.4	18.3	27.5



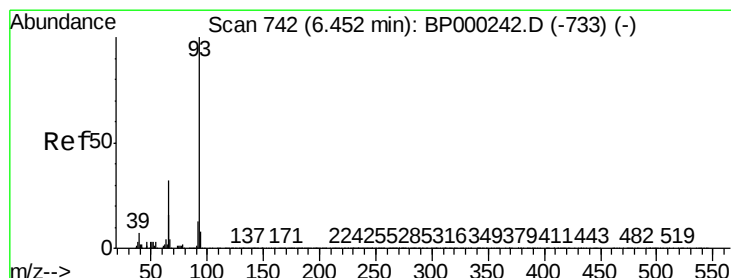
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



Time-->



#6

Aniline

Concen: 42.286 ng

RT: 6.45 min Scan# 741

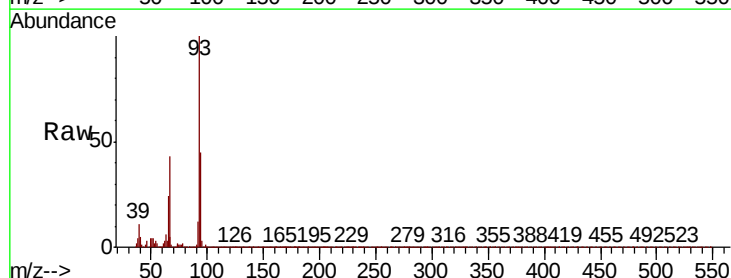
Delta R.T. -0.01 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

Tgt Ion: 93 Resp: 899487

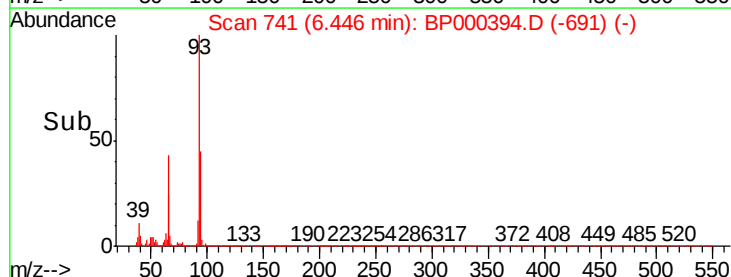
Ion	Ratio	Lower	Upper
93	100		
66	42.5	26.2	39.2#
65	23.8	12.7	19.1#



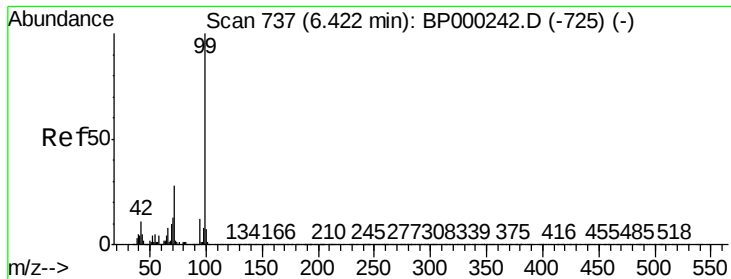
Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0



Time-->



#7

Phenol-d6

Concen: 87.383 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

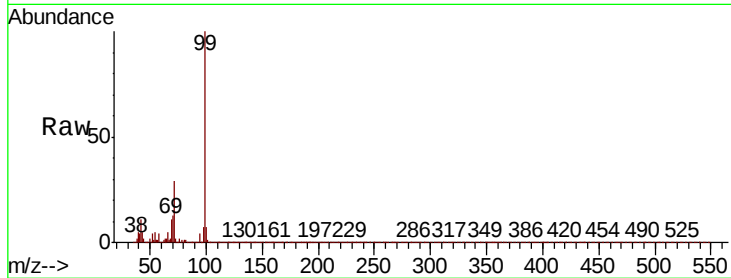
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1348136

Ion	Ratio	Lower	Upper
99	100		
42	10.9	8.5	12.7
71	28.9	22.6	34.0

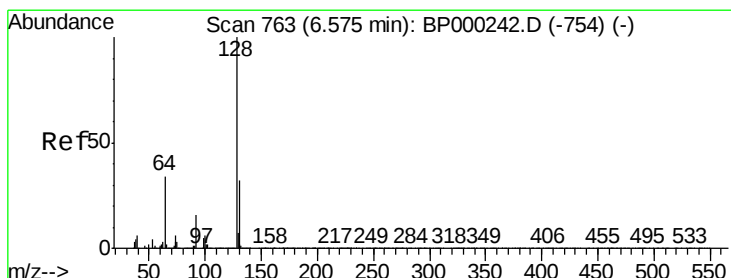
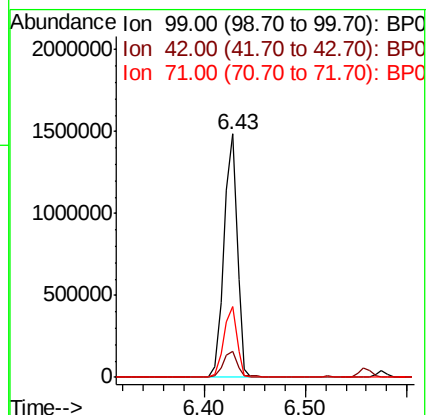
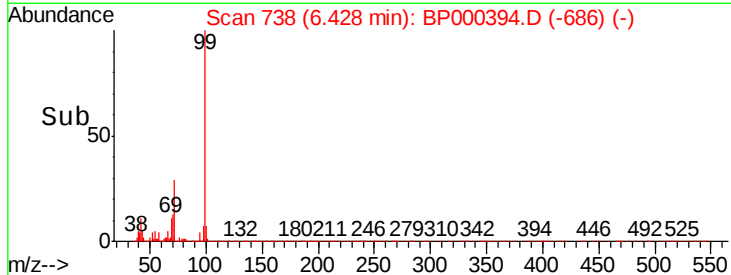


Abundance

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: 43.692 ng

RT: 6.58 min Scan# 763

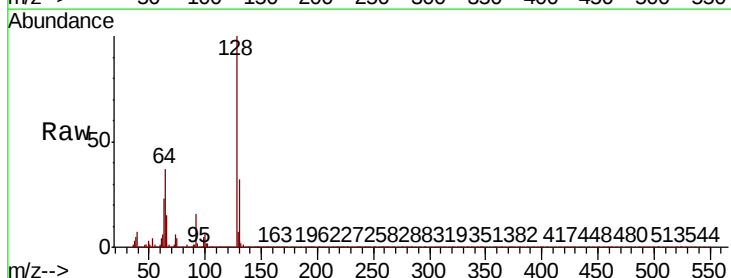
Delta R.T. -0.00 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

Tgt Ion: 128 Resp: 592156

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.5	52.5
64	36.9	16.0	56.0

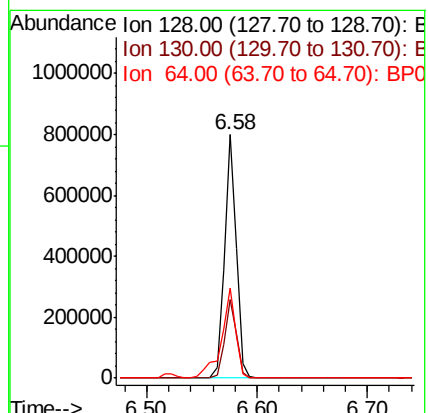
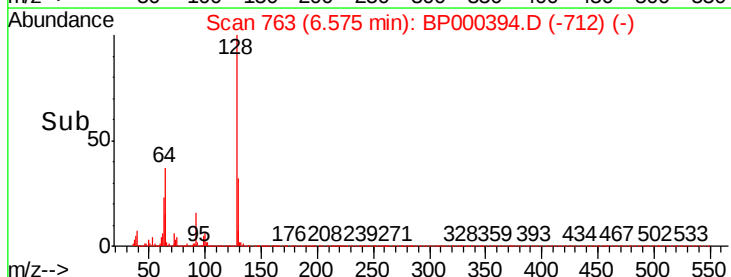


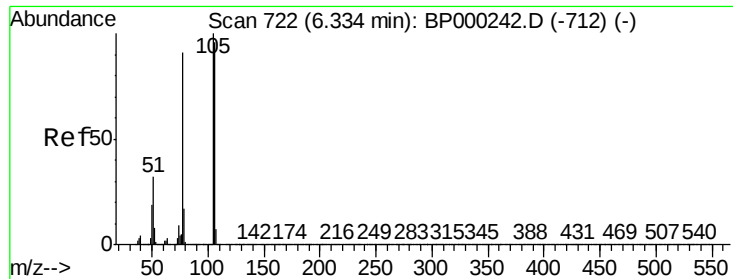
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 44.259 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

Instrument :

BNA_P

ClientSampleId :

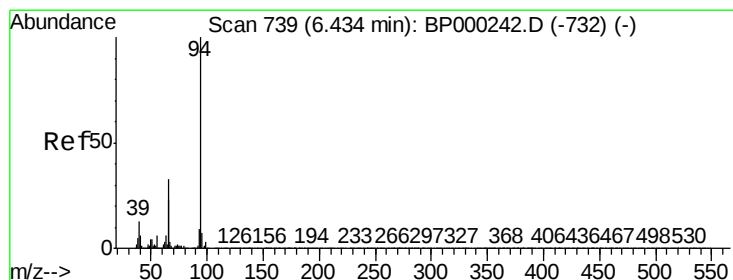
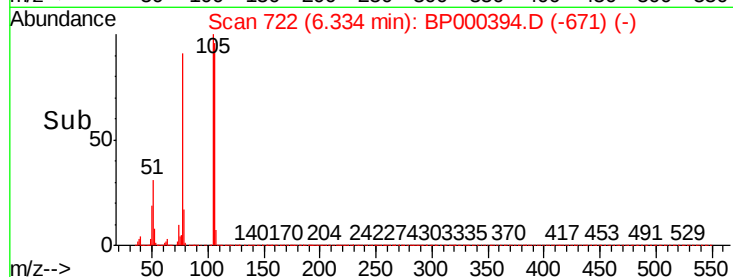
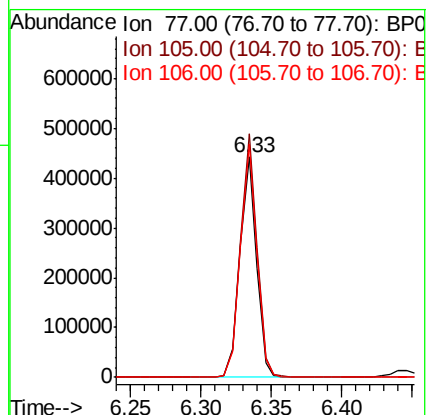
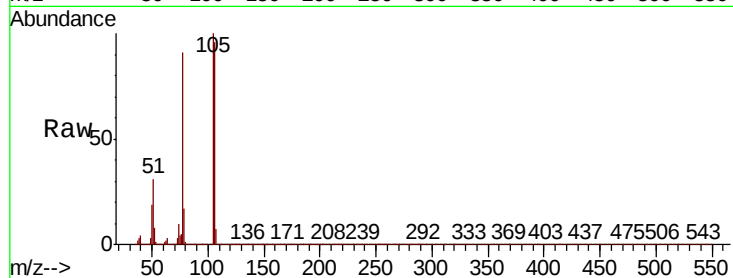
Tot Ion: 77 Resp: 362653

Ion Ratio Lower Upper

77 100

105 110.5 89.6 129.6

106 106.2 84.6 124.6



#10

Phenol

Concen: 42.782 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

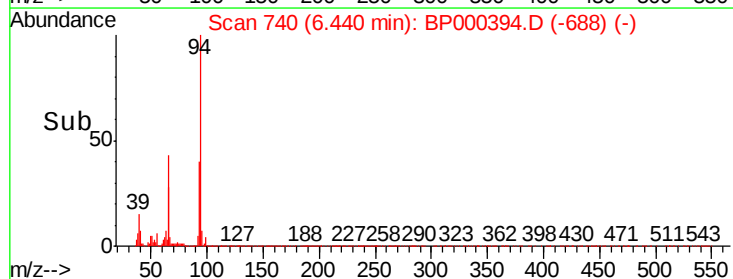
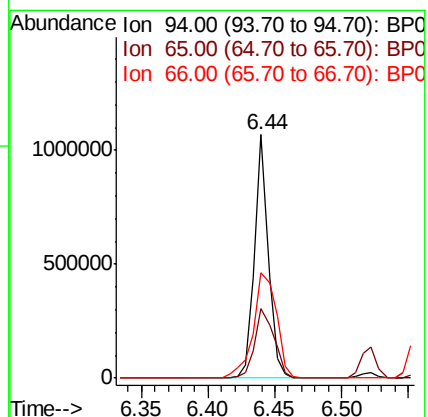
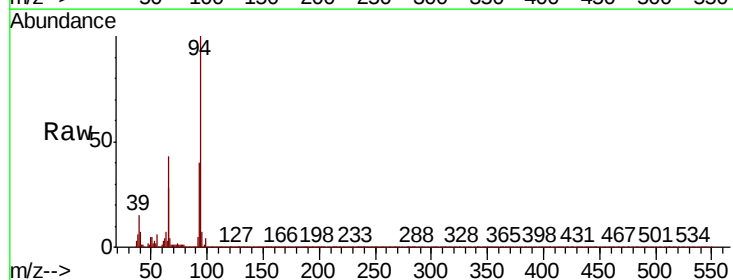
Tgt Ion: 94 Resp: 749903

Ion Ratio Lower Upper

94 100

65 28.4 3.3 43.3

66 43.1 12.7 52.7

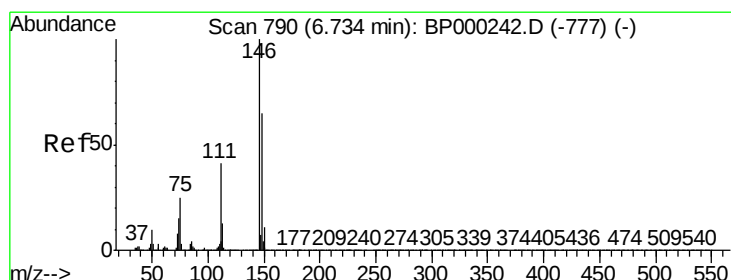
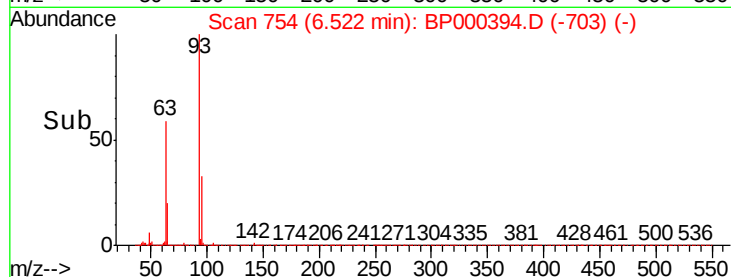
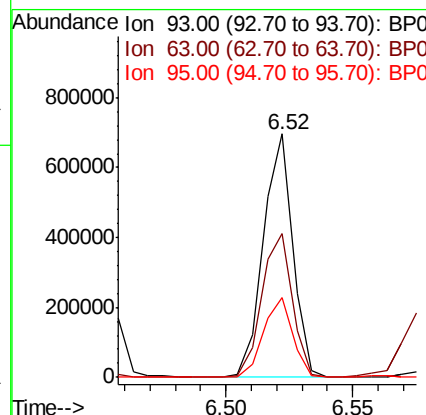
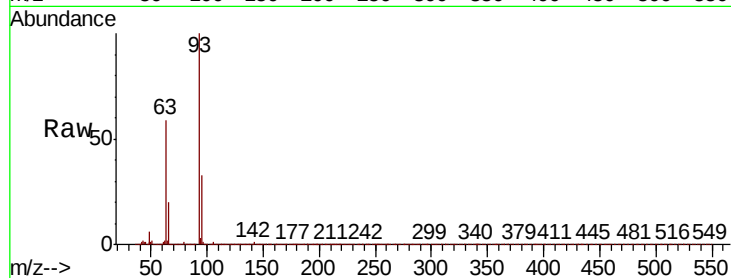




#11
bis(2-Chloroethyl)ether
Concen: 42.015 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

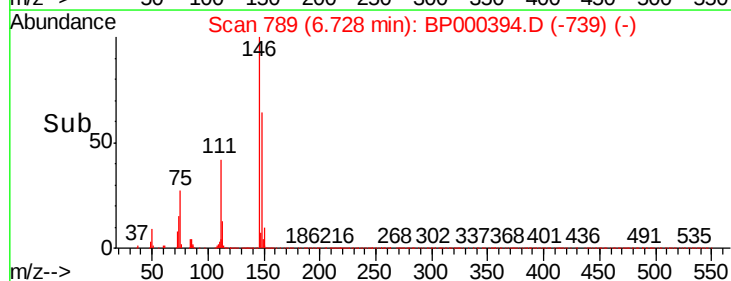
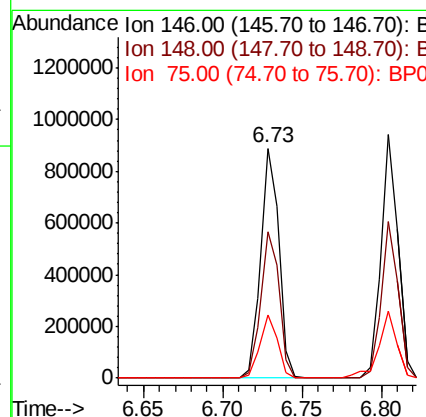
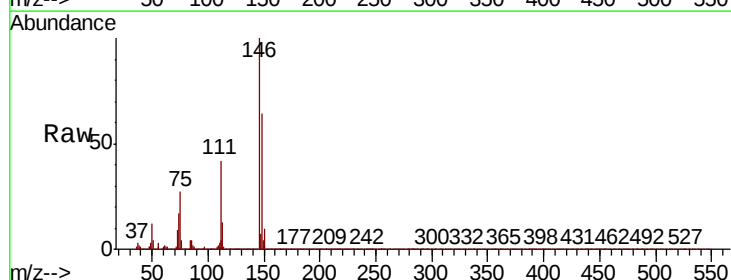
Instrument :
BNA_P
ClientSampleId :

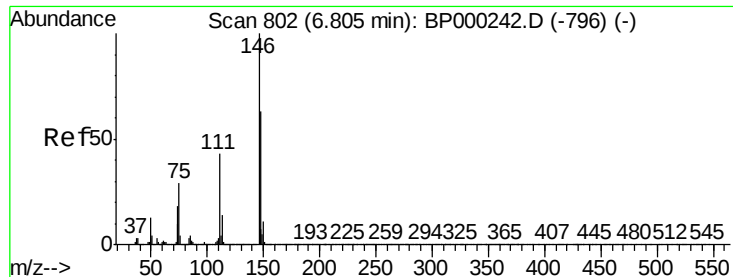
Tot Ion	Ratio	Lower	Upper
93	100		
63	59.2	41.0	81.0
95	33.0	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 43.643 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.1	78.1
75	27.4	20.2	30.4





#13

1,4-Dichlorobenzene

Concen: 43.905 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.00 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

Instrument :

BNA_P

ClientSampled :

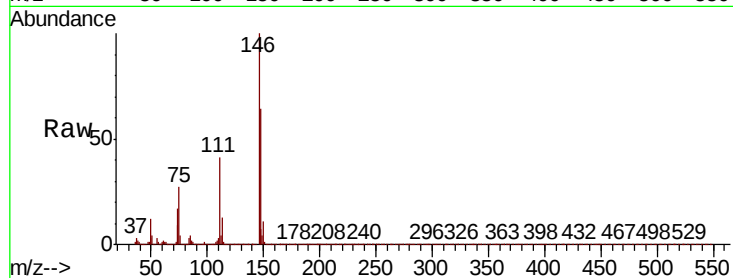
Tot Ion:146 Resp: 710449

Ion Ratio Lower Upper

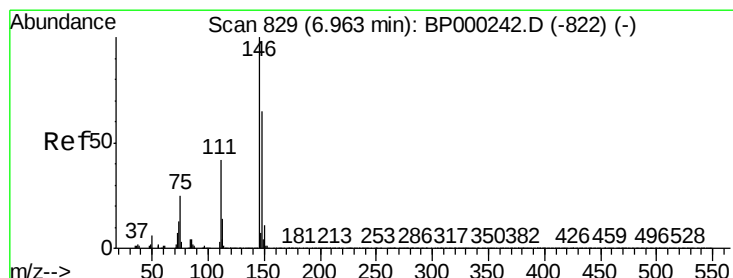
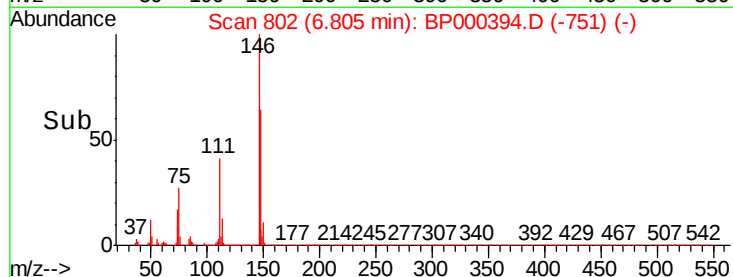
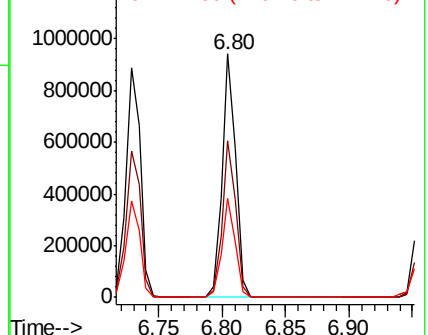
146 100

148 64.1 50.7 76.1

111 40.5 34.1 51.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.436 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

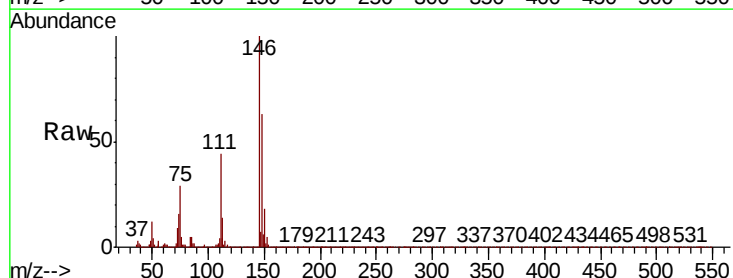
Tgt Ion:146 Resp: 658685

Ion Ratio Lower Upper

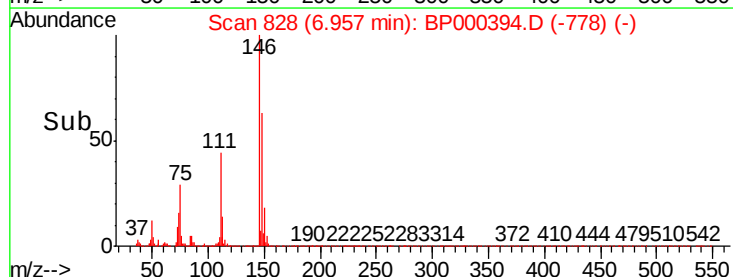
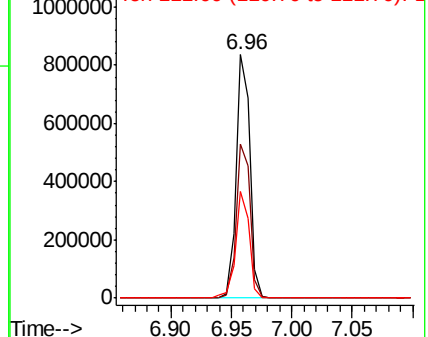
146 100

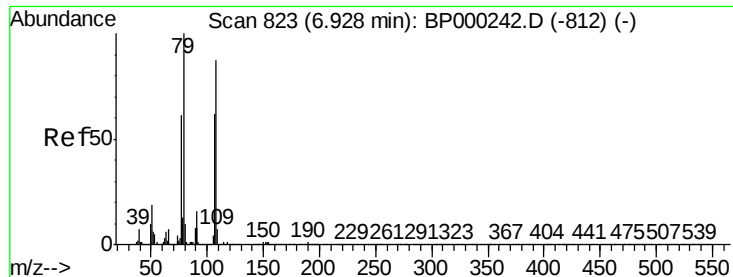
148 63.4 51.7 77.5

111 43.8 33.4 50.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.945 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.00 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

Instrument :

BNA_P

ClientSampleId :

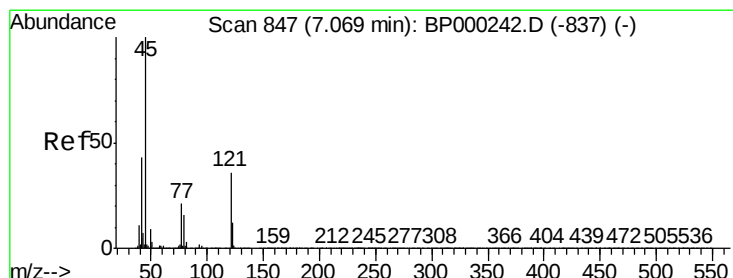
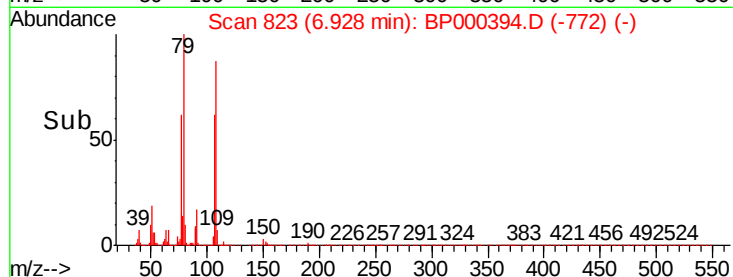
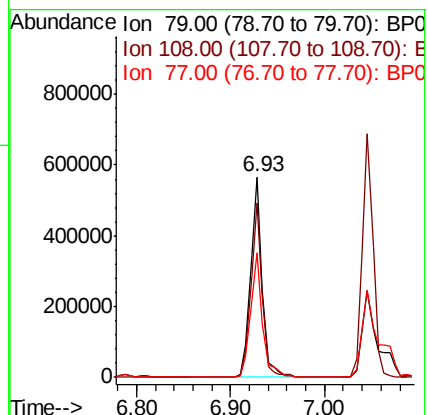
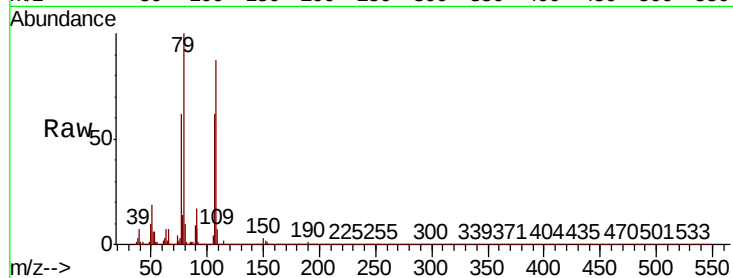
Tot Ion: 79 Resp: 482154

Ion Ratio Lower Upper

79 100

108 87.2 69.2 103.8

77 62.0 48.7 73.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.978 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

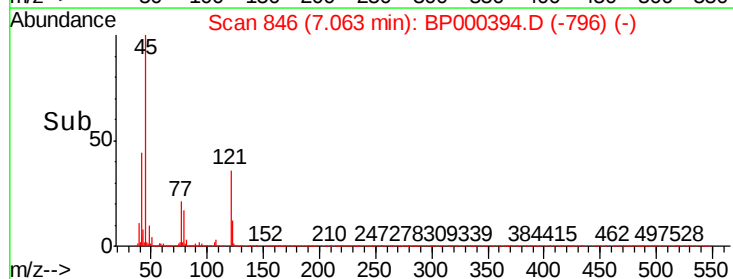
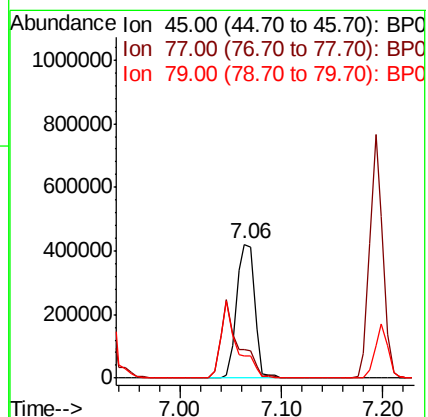
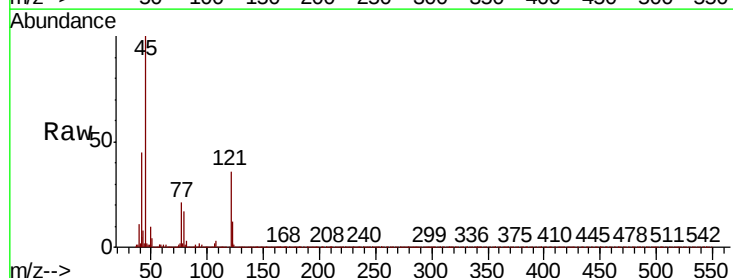
Tgt Ion: 45 Resp: 521483

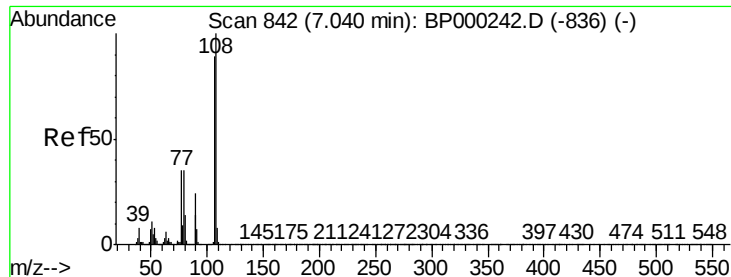
Ion Ratio Lower Upper

45 100

77 21.4 0.7 40.7

79 16.6 0.0 36.4





#17

2-Methylphenol

Concen: 41.655 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

Instrument :

BNA_P

ClientSampleId :

Tot Ion:107 Resp: 483530

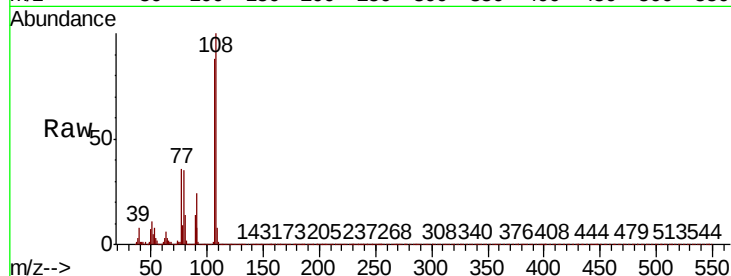
Ion Ratio Lower Upper

107 100

108 113.2 90.1 135.1

77 40.6 31.5 47.3

79 40.1 32.2 48.2

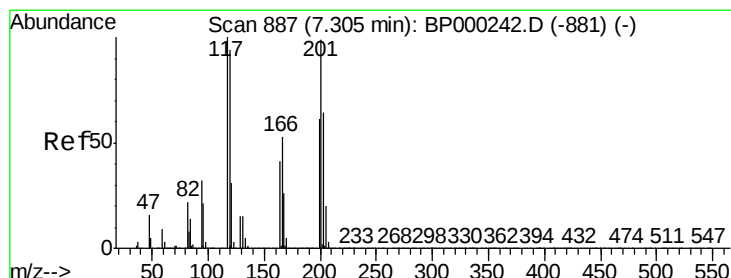
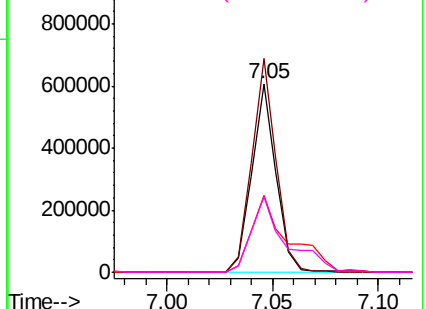
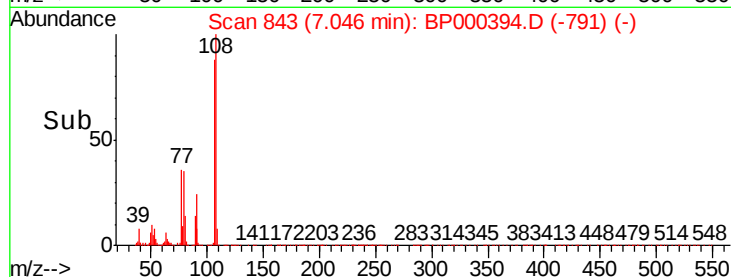


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.631 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

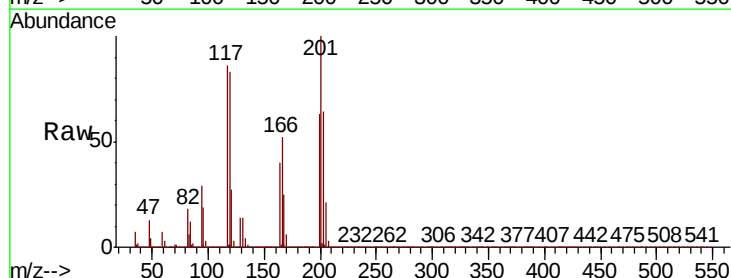
Tgt Ion:117 Resp: 219353

Ion Ratio Lower Upper

117 100

119 96.4 75.6 113.4

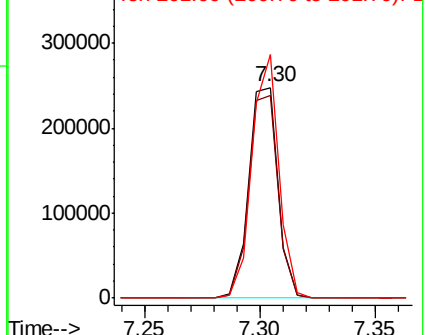
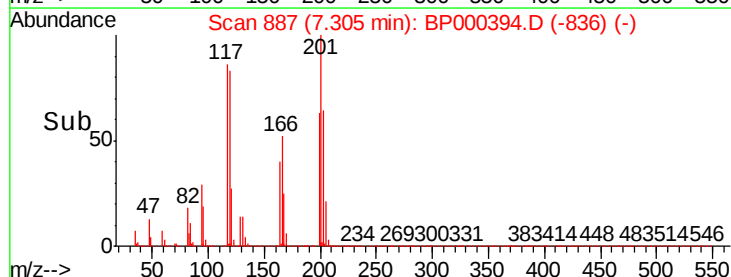
201 115.7 79.4 119.2

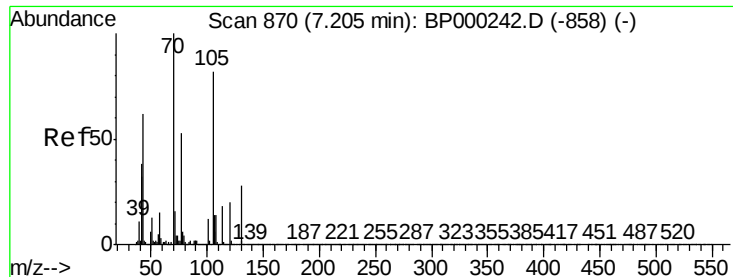


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

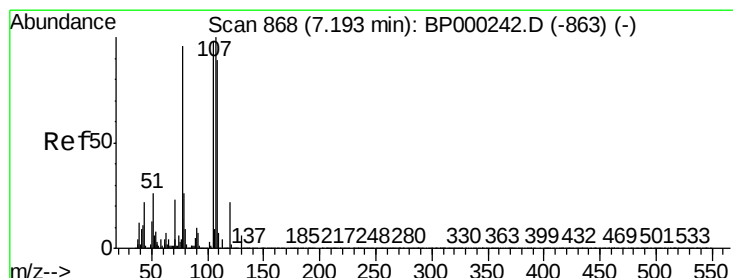
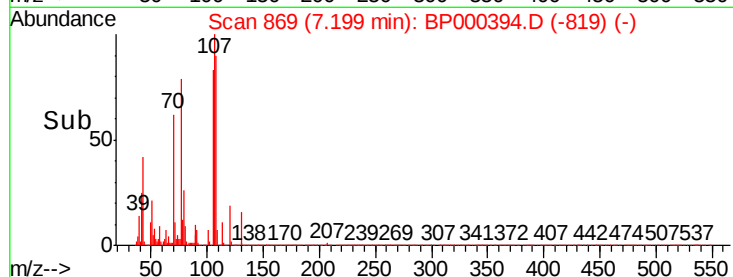
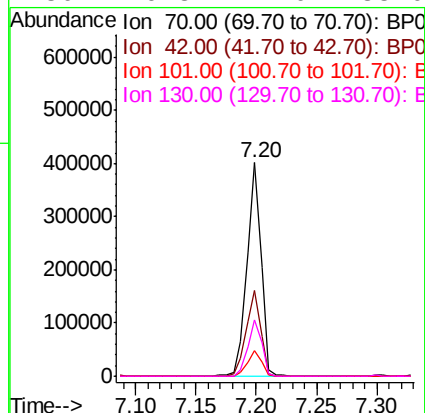
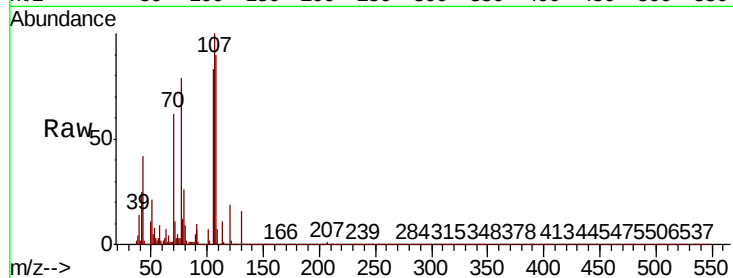




#19
n-Nitroso-di-n-propylamine
Concen: 40.570 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

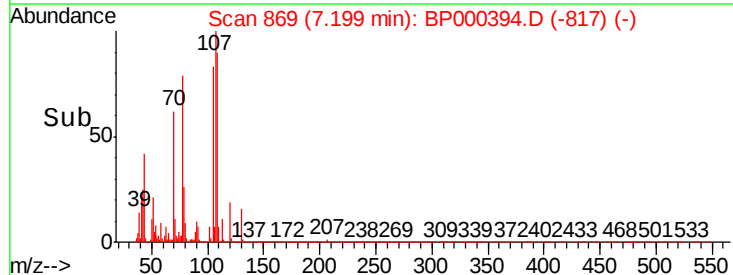
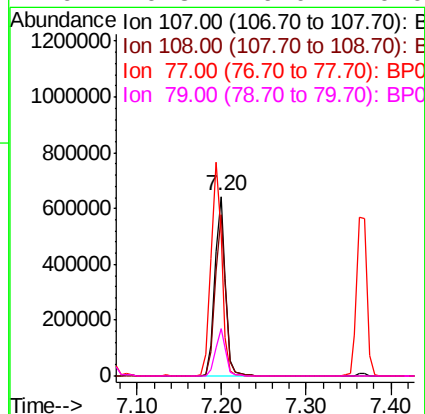
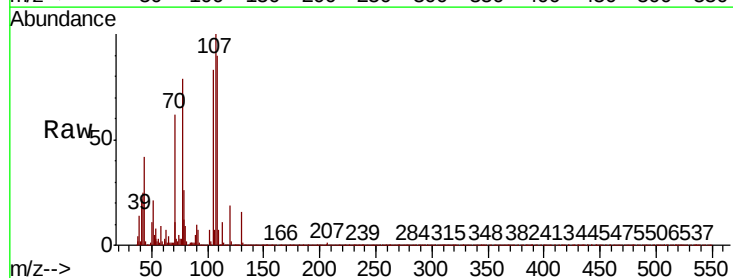
Instrument :
BNA_P
ClientSampleId :

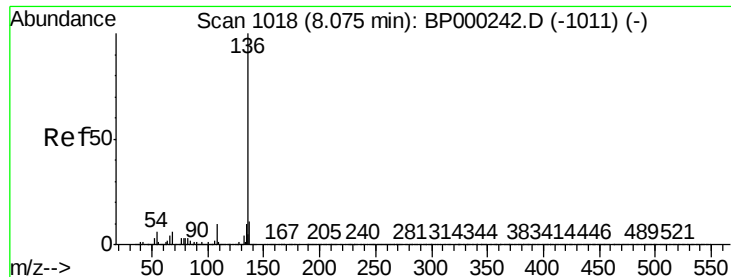
Tot Ion:	70	Resp:	330931
Ion	Ratio	Lower	Upper
70	100		
42	40.3	30.7	46.1
101	11.8	9.6	14.4
130	26.3	22.0	33.0



#20
3+4-Methylphenols
Concen: 41.337 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Tgt Ion:	107	Resp:	580246
Ion	Ratio	Lower	Upper
107	100		
108	90.0	68.8	108.8
77	79.0	75.7	115.7
79	26.3	6.0	46.0

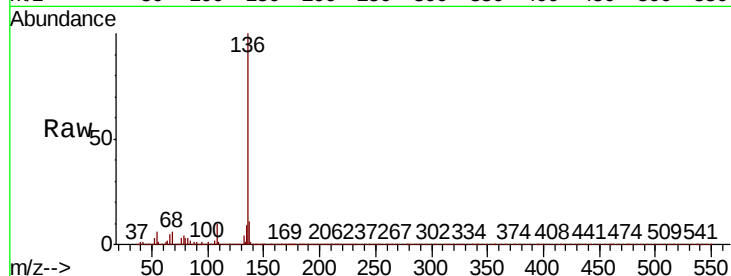




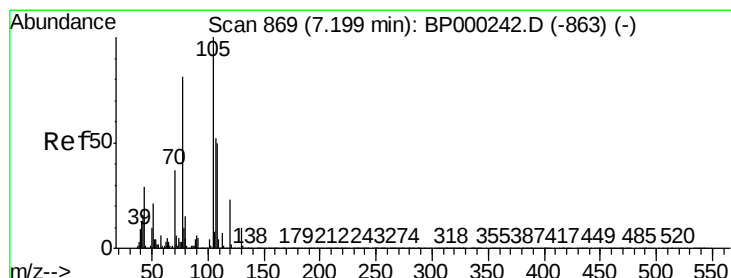
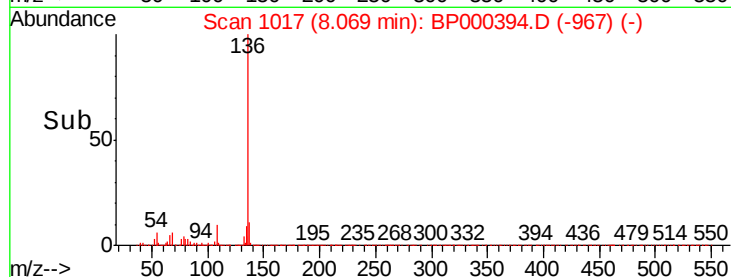
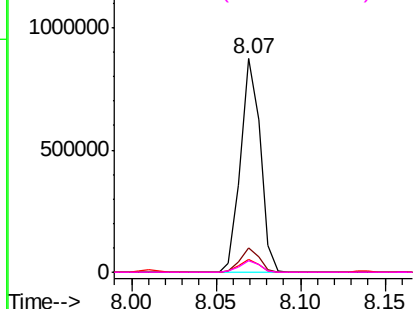
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	709760
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.6	13.0
54 5.9	4.5	6.7
68 5.6	4.5	6.7

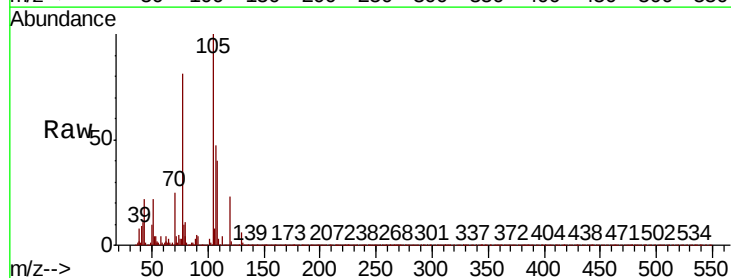


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

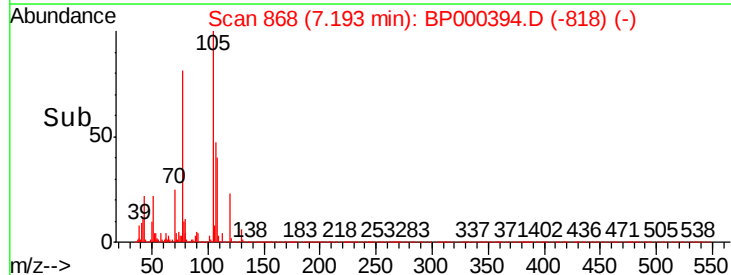
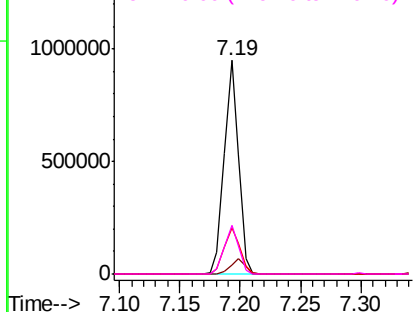


#22
Acetophenone
Concen: 50.441 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Tgt	Ion:105	Resp:	775840
Ion	Ratio	Lower	Upper
105	100		
71	4.2	5.2	7.8#
51	21.6	16.6	24.8
120	22.9	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

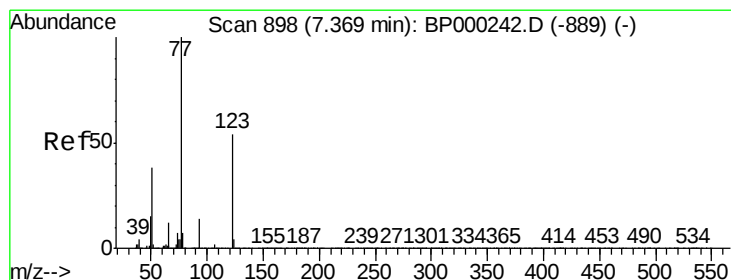
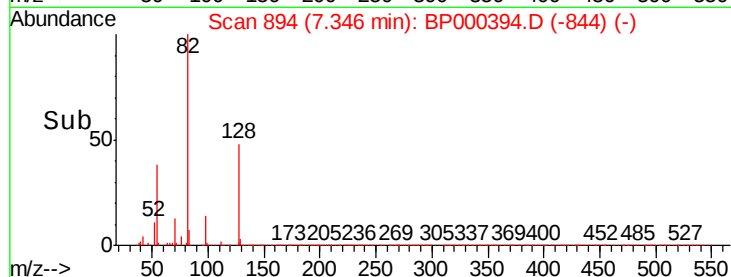
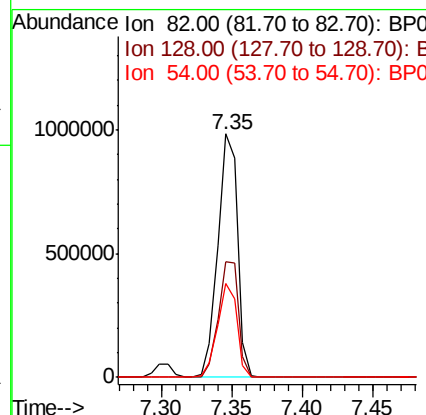
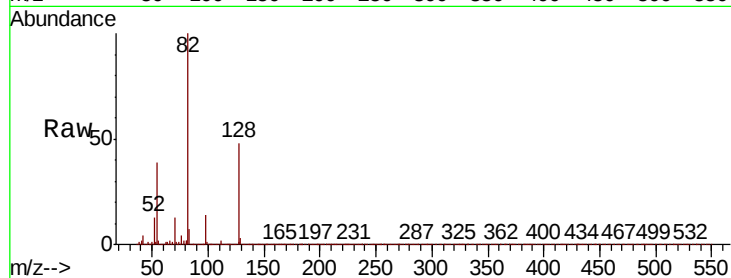




#23
Nitrobenzene-d5
Concen: 86.745 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

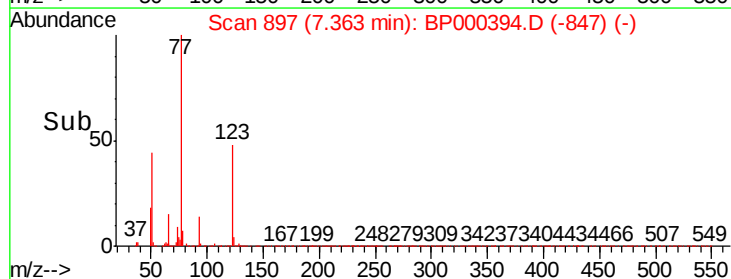
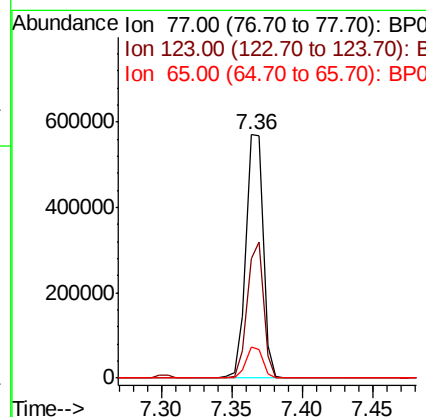
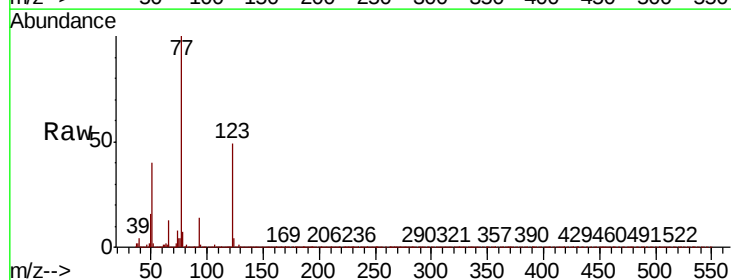
Instrument :
BNA_P
ClientSampleId :

Tot Ion	82	Resp	954260
Ion Ratio	Lower	Upper	
82	100		
128	47.6	40.7	61.1
54	38.8	30.1	45.1



#24
Nitrobenzene
Concen: 42.642 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Tgt Ion	77	Resp	487234
Ion Ratio	Lower	Upper	
77	100		
123	49.3	43.1	64.7
65	12.6	9.4	14.2





#25

Isophorone

Concen: 40.944 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

Instrument :

BNA_P

ClientSampleId :

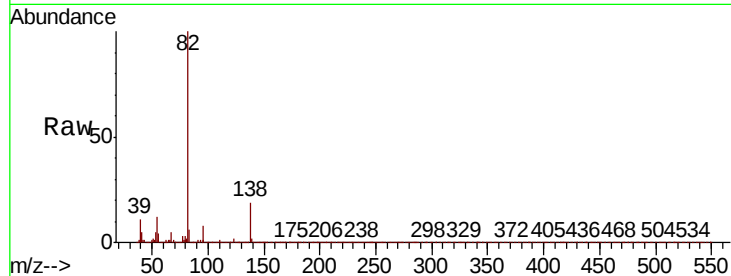
Tot Ion: 82 Resp: 891885

Ion Ratio Lower Upper

82 100

95 7.5 5.9 8.9

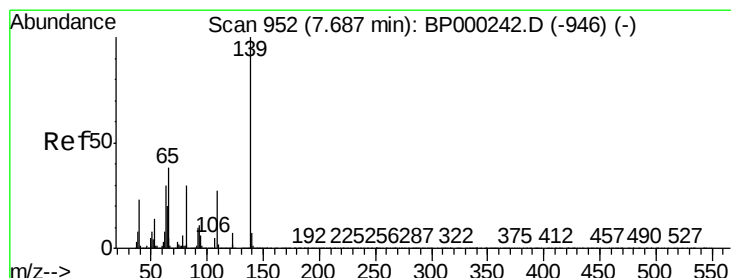
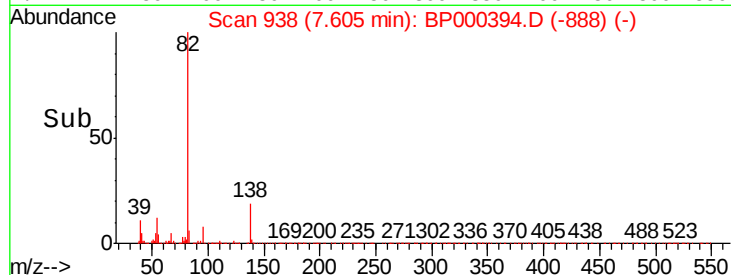
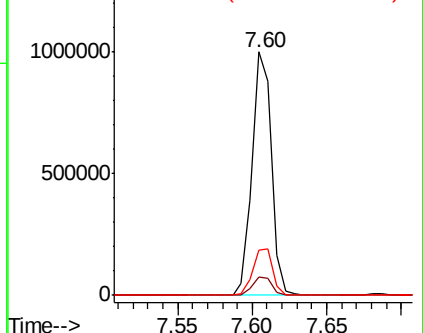
138 18.6 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 43.647 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

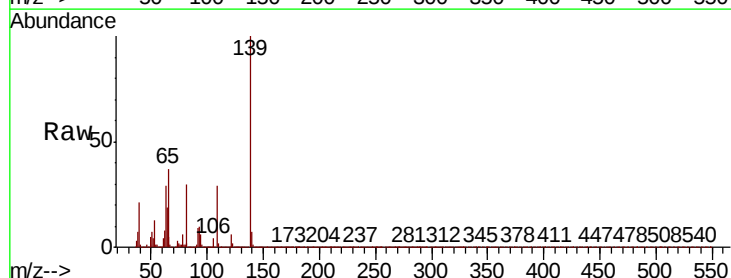
Tgt Ion: 139 Resp: 264390

Ion Ratio Lower Upper

139 100

109 28.9 21.8 32.6

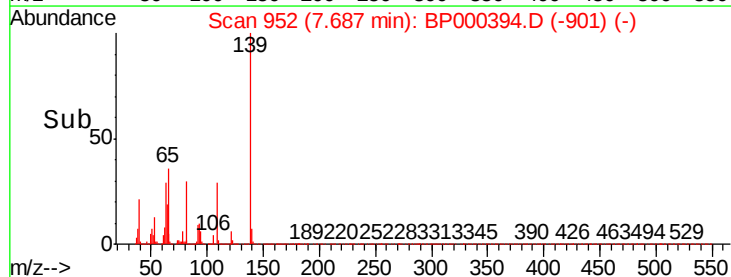
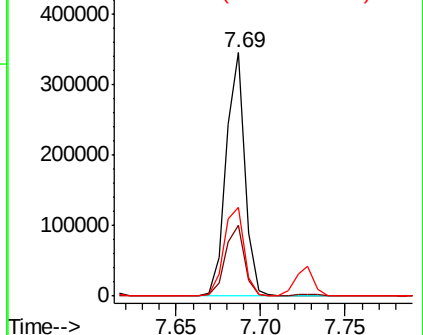
65 36.5 30.5 45.7

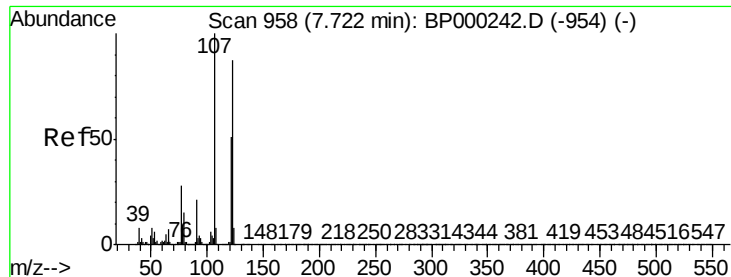


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0





#27

2,4-Dimethylphenol

Concen: 41.112 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.01 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

Instrument :

BNA_P

ClientSampleId :

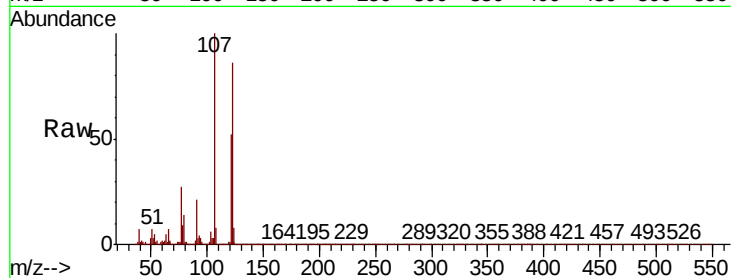
Tot Ion:122 Resp: 396686

Ion Ratio Lower Upper

122 100

107 115.9 91.5 137.3

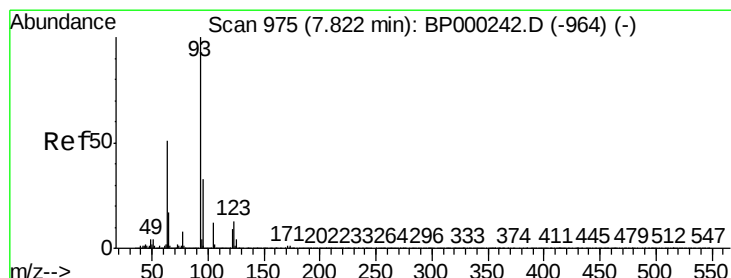
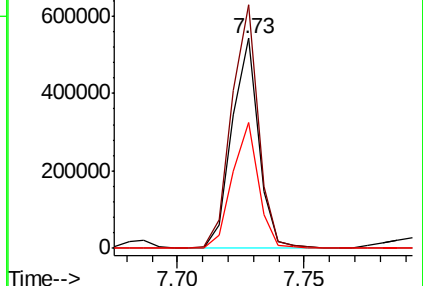
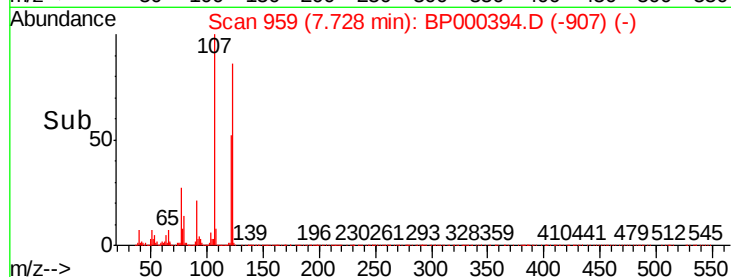
121 59.8 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.402 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

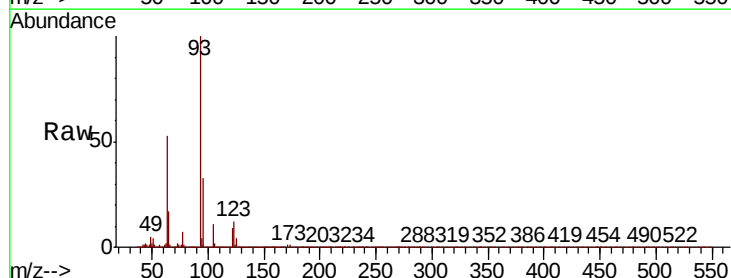
Tgt Ion: 93 Resp: 599835

Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

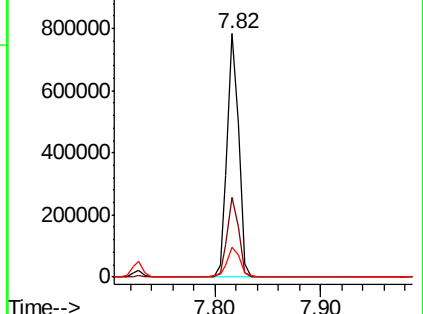
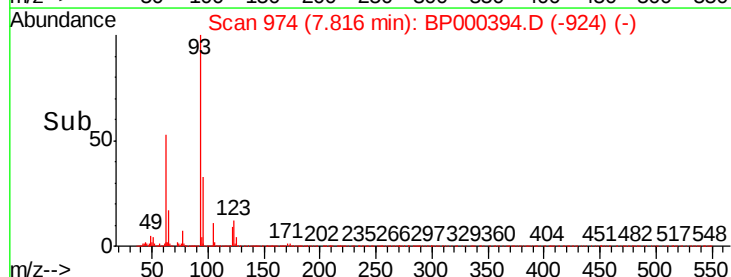
123 12.2 10.2 15.2

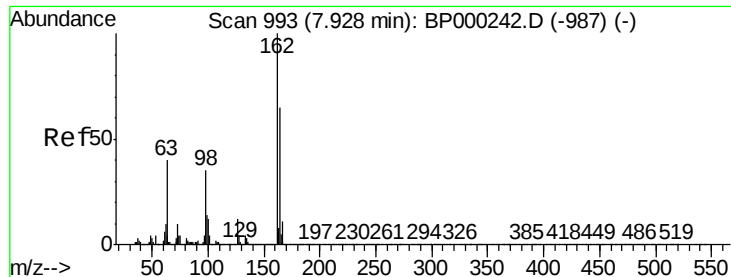


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

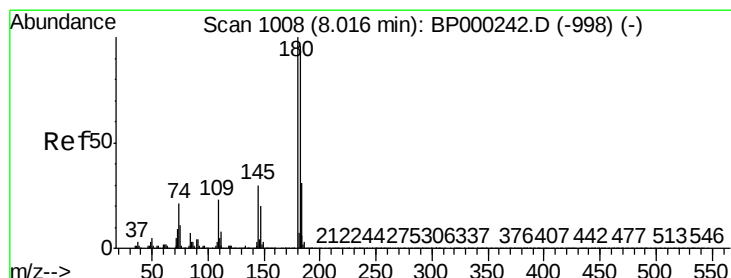
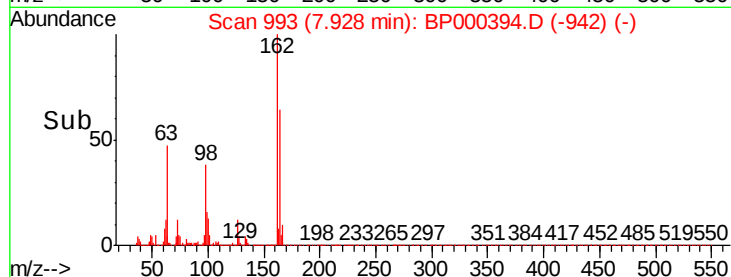
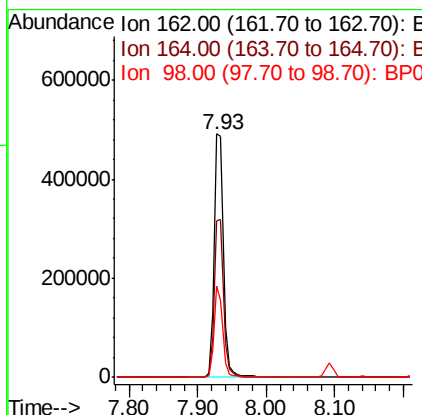
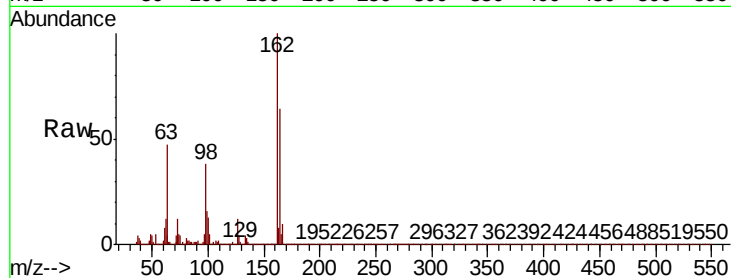




#29
2,4-Dichlorophenol
Concen: 43.618 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

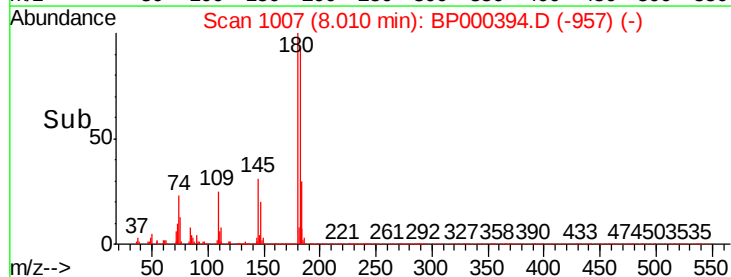
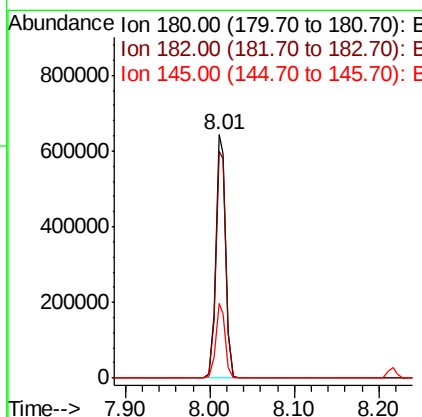
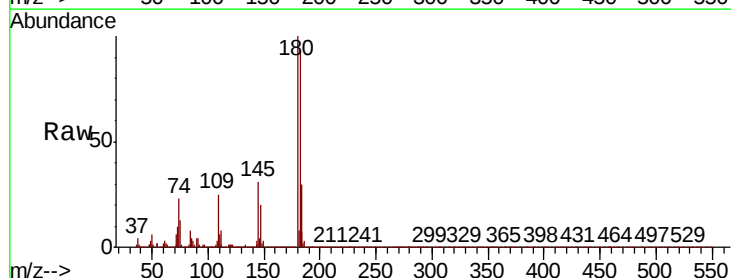
Instrument :
BNA_P
ClientSampleId :

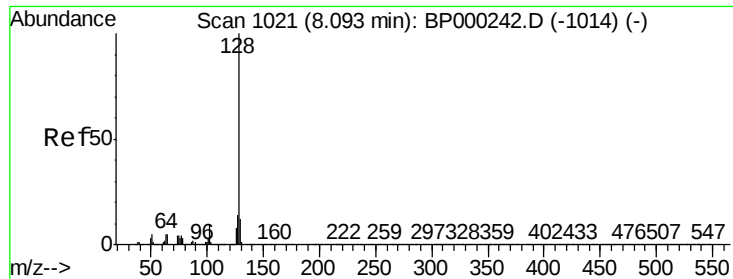
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.5	84.5
98	37.6	15.2	55.2



#30
1,2,4-Trichlorobenzene
Concen: 45.926 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	77.2	115.8
145	30.8	24.3	36.5





#31

Naphthalene

Concen: 44.369 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

Instrument :

BNA_P

ClientSampleId :

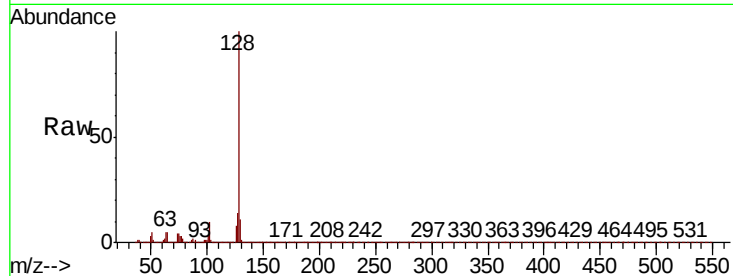
Tot Ion:128 Resp: 1458483

Ion Ratio Lower Upper

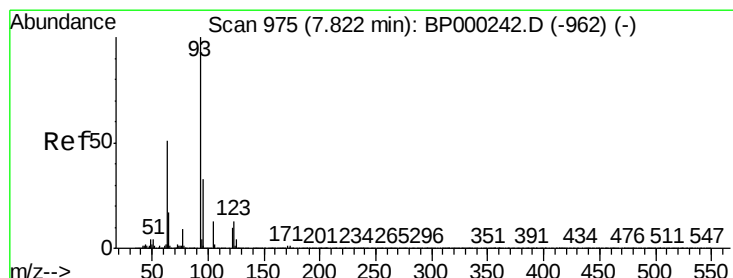
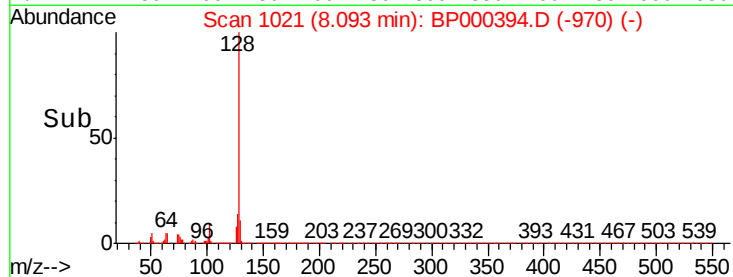
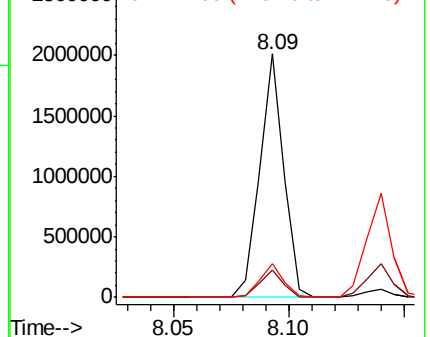
128 100

129 11.3 9.2 13.8

127 13.6 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.489 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.01 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

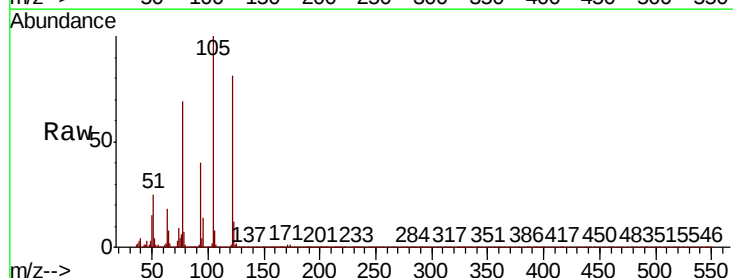
Tgt Ion:122 Resp: 244236

Ion Ratio Lower Upper

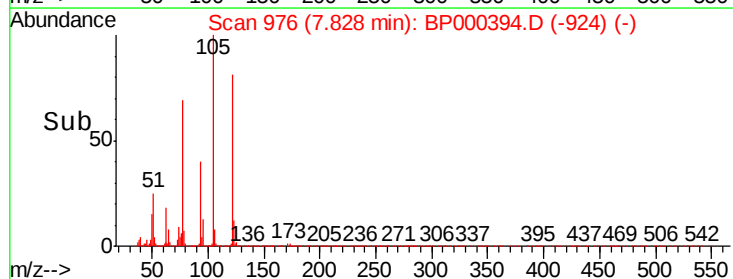
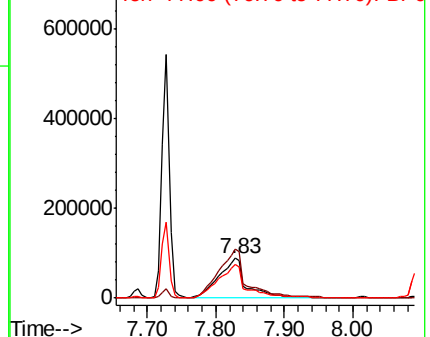
122 100

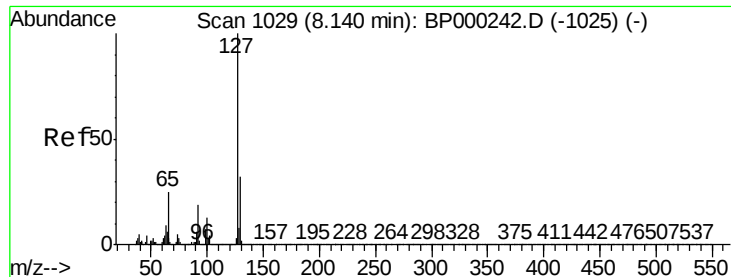
105 124.2 105.4 145.4

77 85.7 65.3 105.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BPO

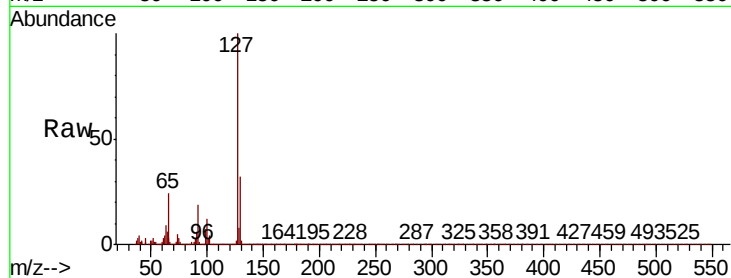




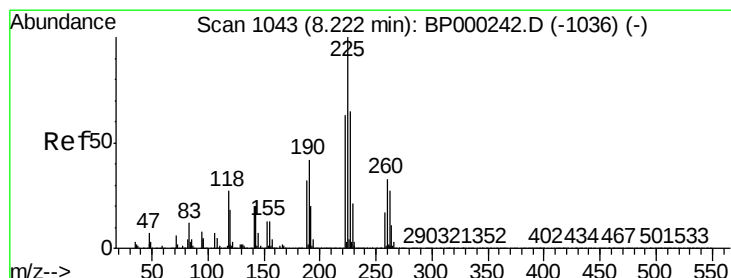
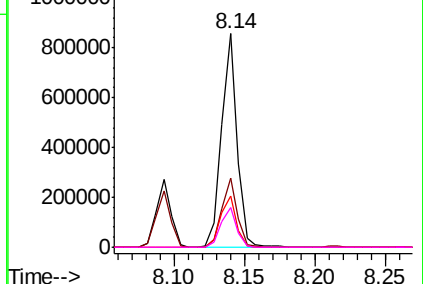
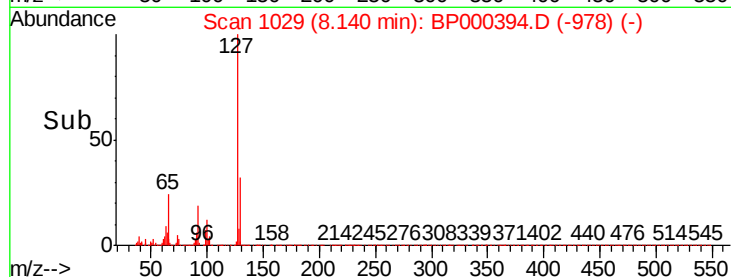
#33
4-Chloroaniline
Concen: 43.831 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	652047
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	23.9	19.9	29.9
92	18.7	15.4	23.0

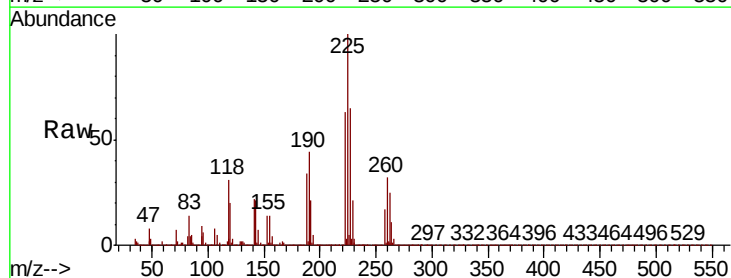


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

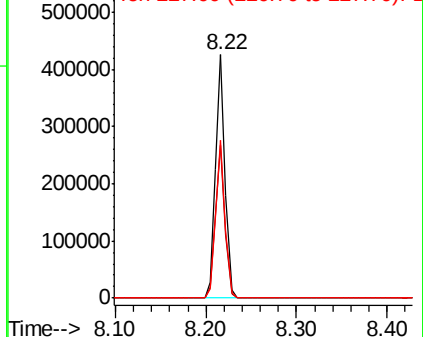
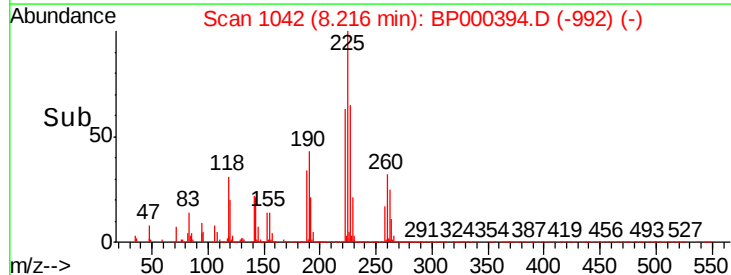


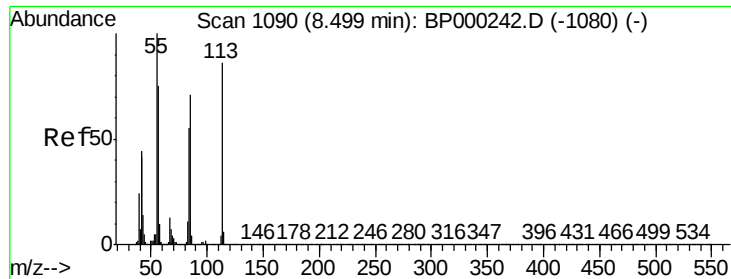
#34
Hexachlorobutadiene
Concen: 44.048 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Tgt Ion:	225	Resp:	309356
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.2
227	65.0	51.8	77.6



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

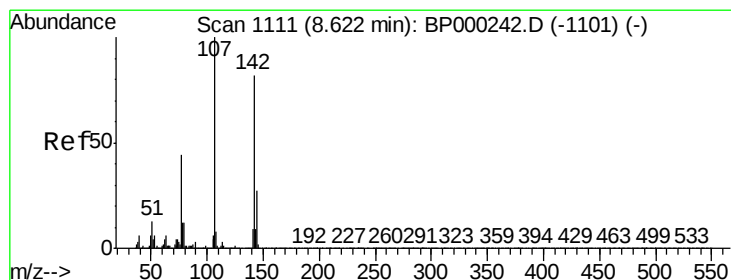
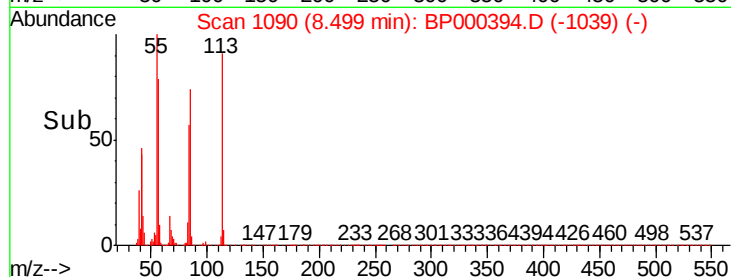
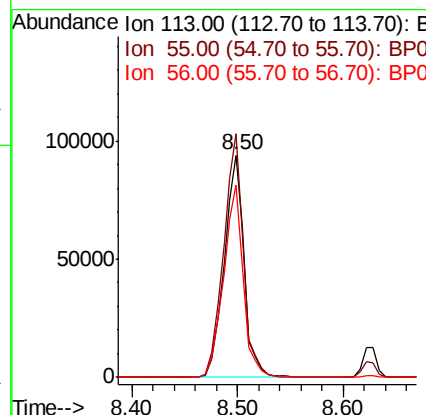
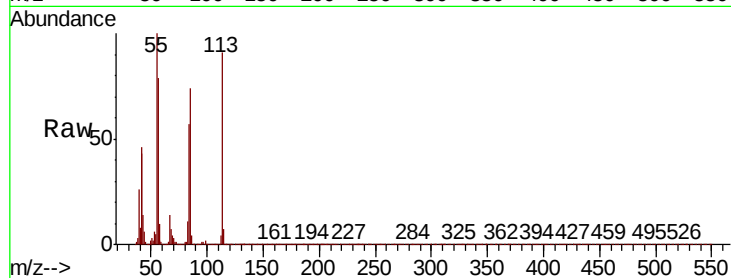




#35
Caprolactam
Concen: 34.853 ng
RT: 8.50 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

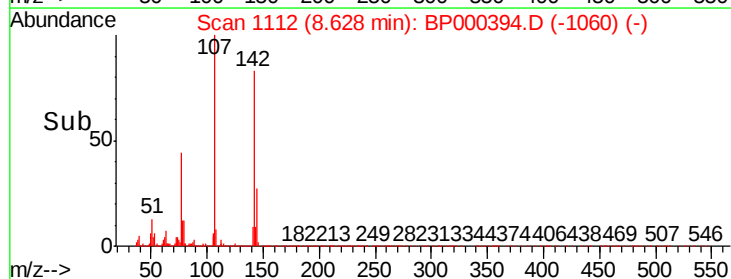
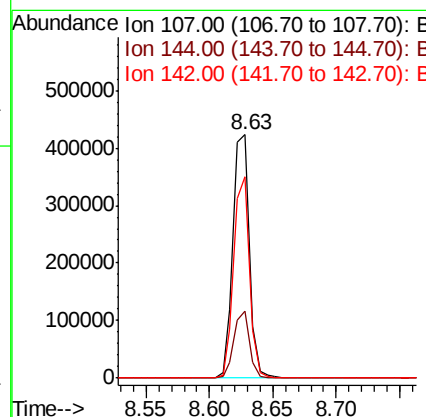
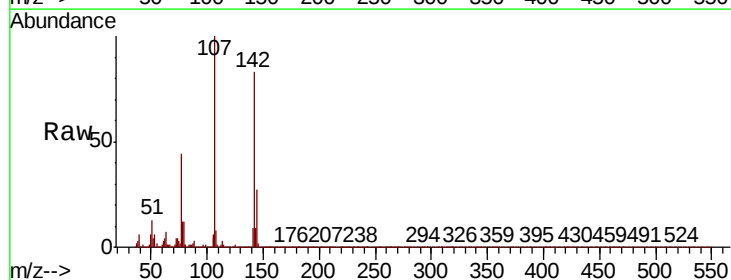
Instrument :
BNA_P
ClientSampleId :

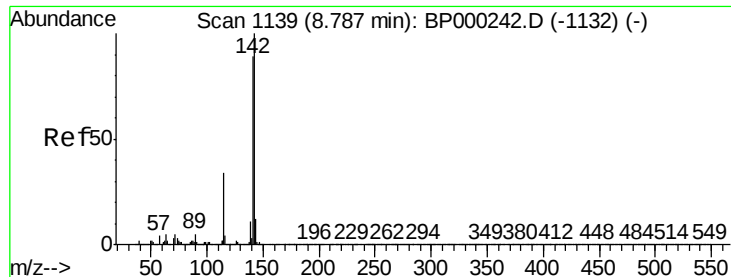
Tot Ion	Ratio	Lower	Upper
113	100		
55	109.5	96.8	136.8
56	86.5	67.5	107.5



#36
4-Chloro-3-methylphenol
Concen: 36.119 ng
RT: 8.63 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.3	21.5	32.3
142	83.0	65.7	98.5

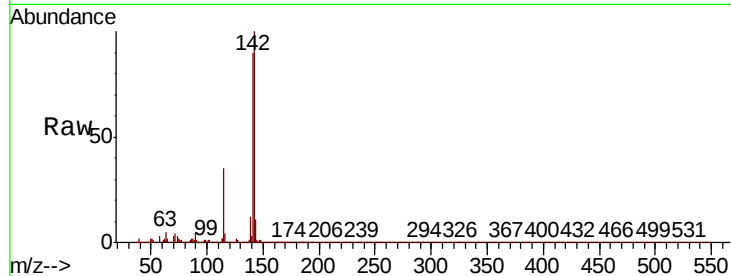




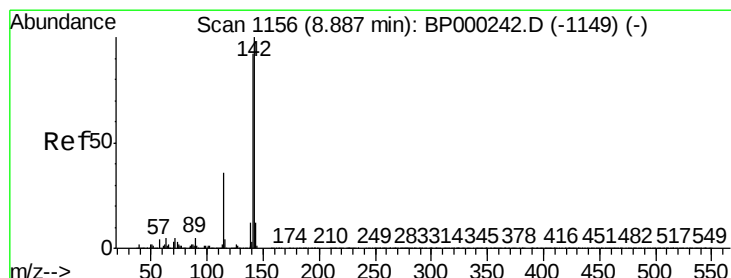
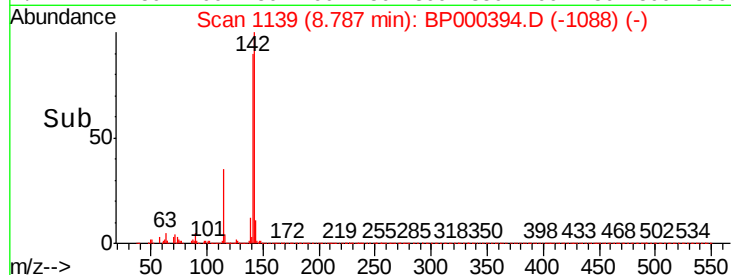
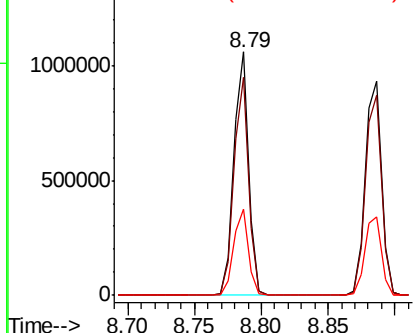
#37
 2-Methylnaphthalene
 Concen: 36.983 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BP000394.D
 Acq: 24 Sep 2019 19:25

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	35.3	27.2	40.8

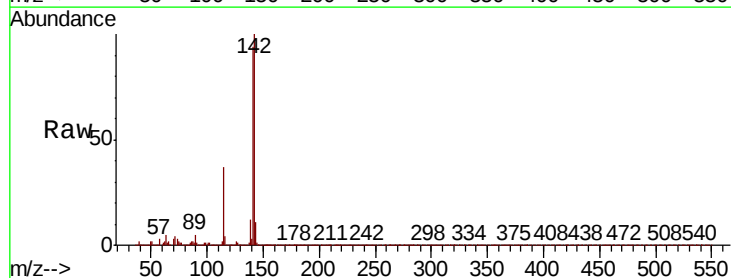


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

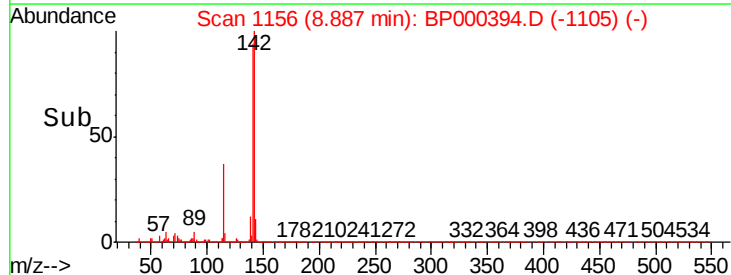
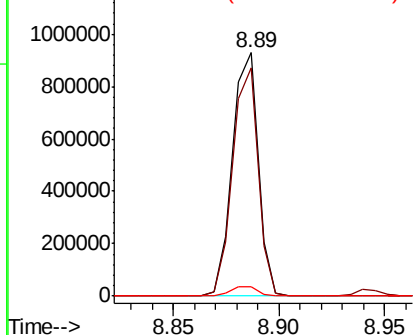


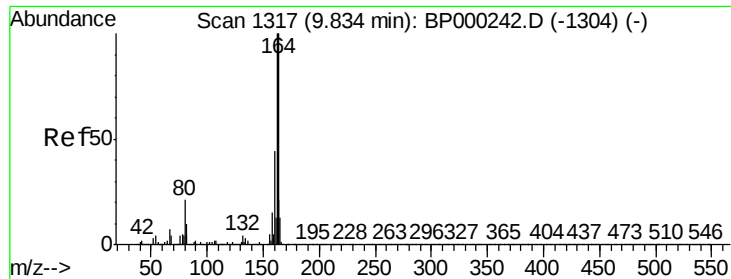
#38
 1-Methylnaphthalene
 Concen: 37.070 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BP000394.D
 Acq: 24 Sep 2019 19:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.9	110.9
116	3.7	3.0	4.6



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

Instrument :

BNA_P

ClientSampleId :

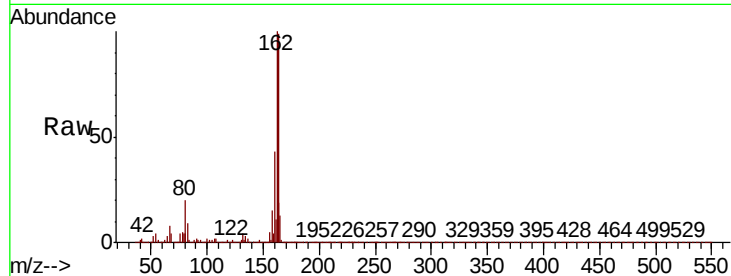
Tot Ion:164 Resp: 332303

Ion Ratio Lower Upper

164 100

162 101.2 79.9 119.9

160 44.0 35.6 53.4

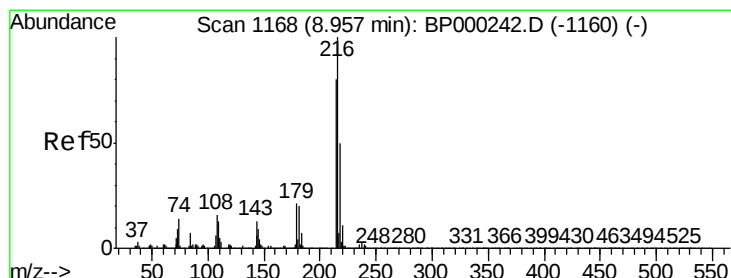
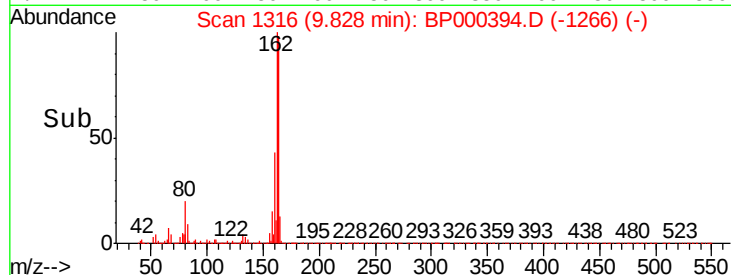
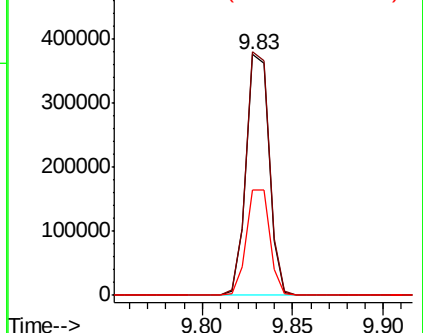


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.321 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

Tgt Ion:216 Resp: 440104

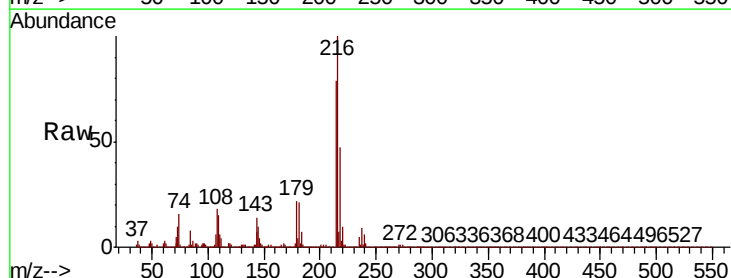
Ion Ratio Lower Upper

216 100

214 77.9 63.6 95.4

179 20.8 17.0 25.4

108 17.2 15.1 22.7



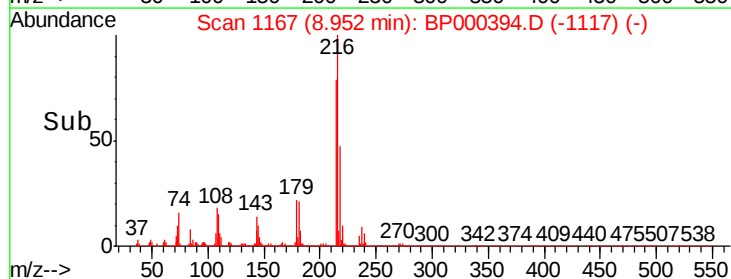
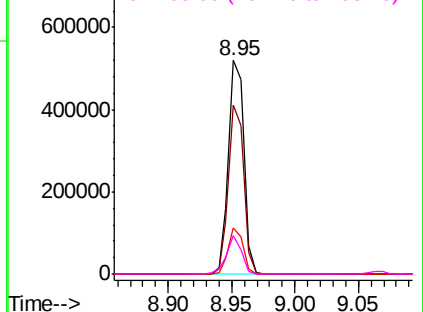
Abundance

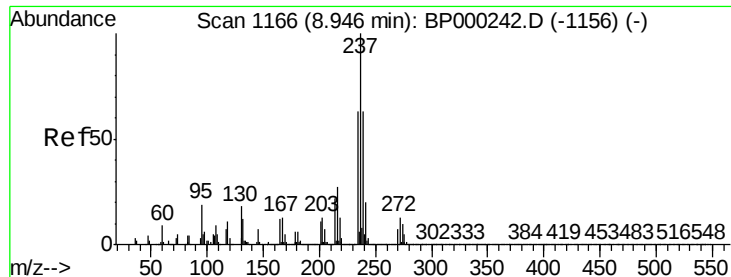
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 30.575 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

Instrument :

BNA_P

ClientSampleId :

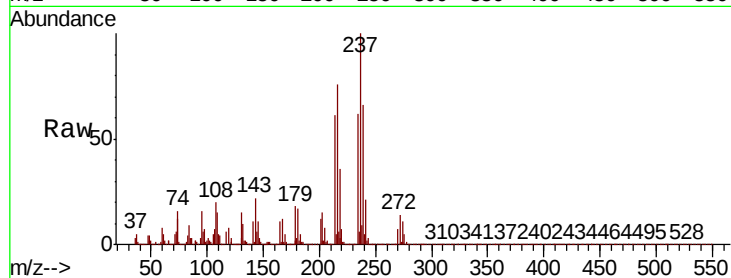
Tot Ion:237 Resp: 166813

Ion Ratio Lower Upper

237 100

235 62.2 43.5 83.5

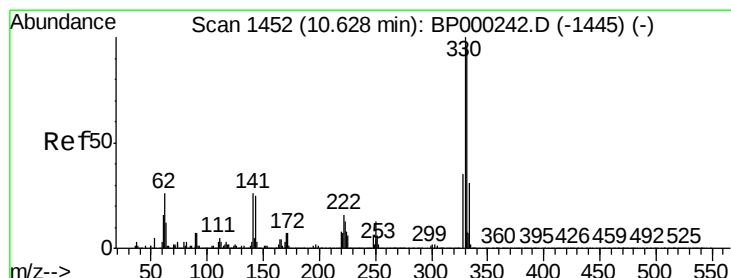
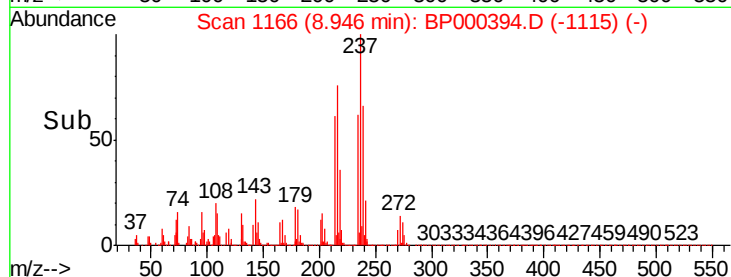
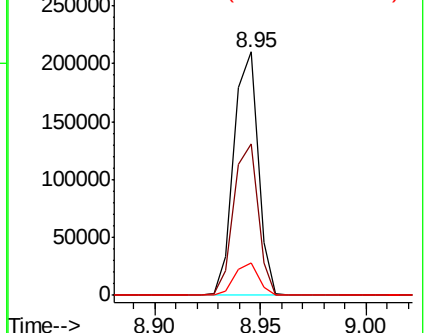
272 13.6 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 100.091 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

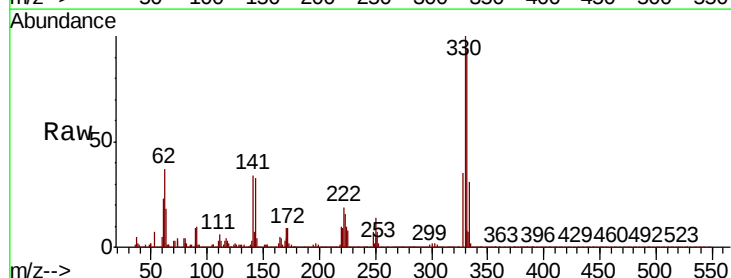
Tgt Ion:330 Resp: 329899

Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

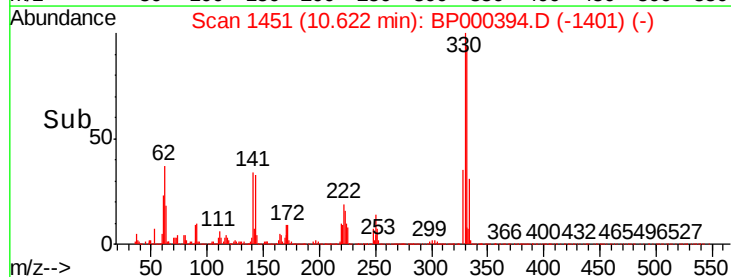
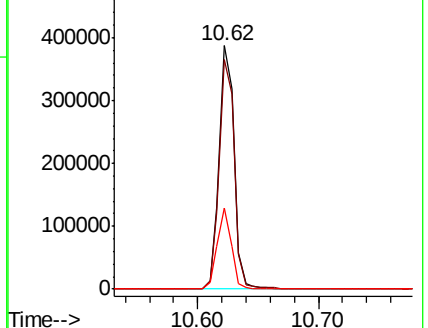
141 31.1 26.5 39.7

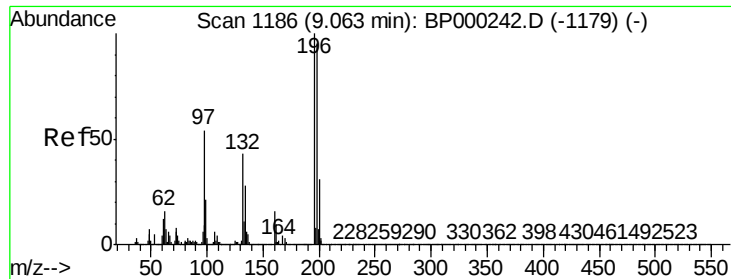


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

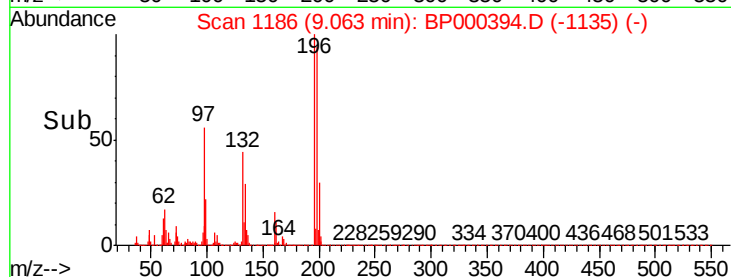
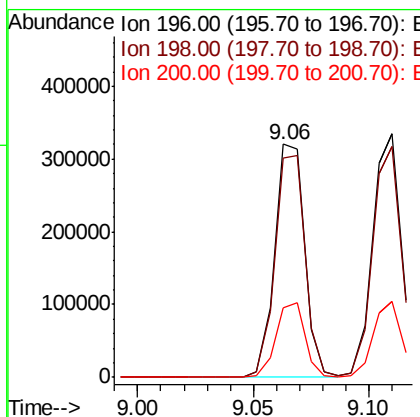
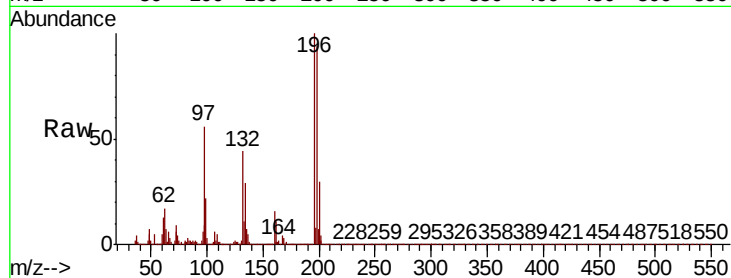




#43
 2,4,6-Trichlorophenol
 Concen: 43.591 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BP000394.D
 Acq: 24 Sep 2019 19:25

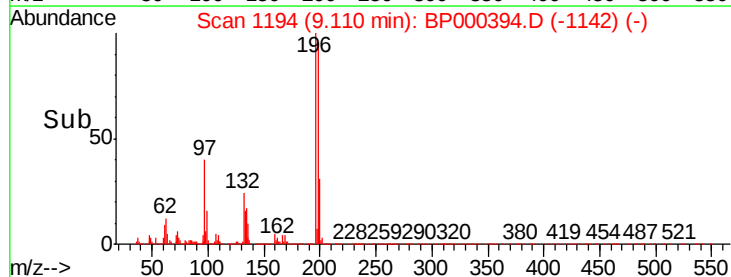
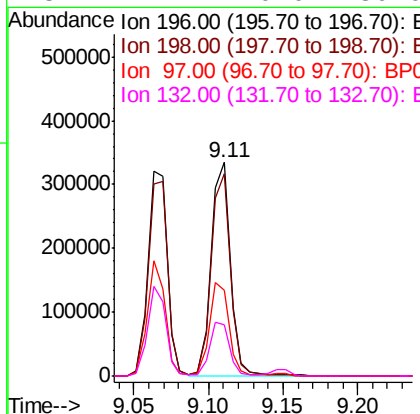
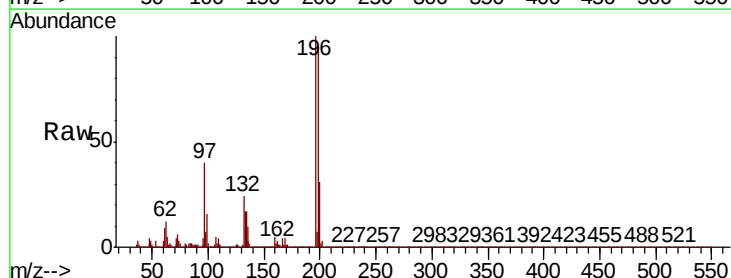
Instrument :
 BNA_P
 ClientSampleId :

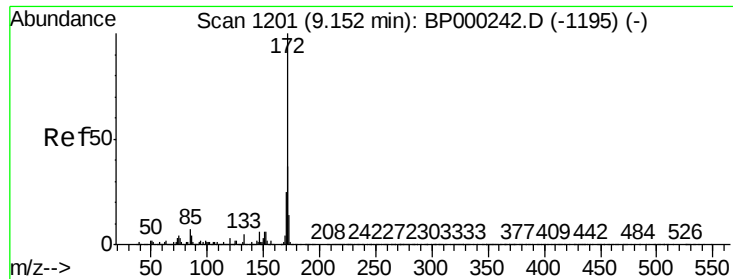
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.0	76.0	114.0
200	30.0	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 44.414 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BP000394.D
 Acq: 24 Sep 2019 19:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	78.1	117.1
97	40.4	33.3	49.9
132	24.2	20.0	30.0

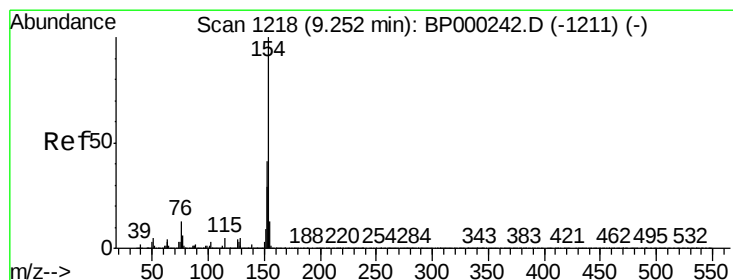
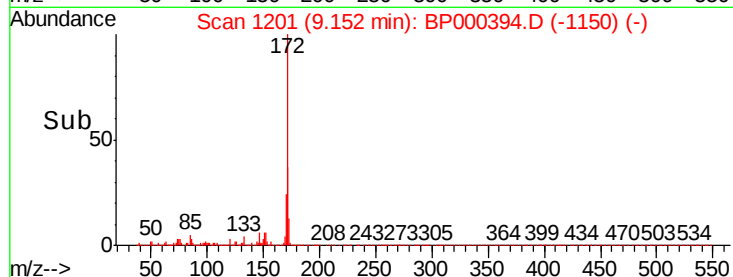
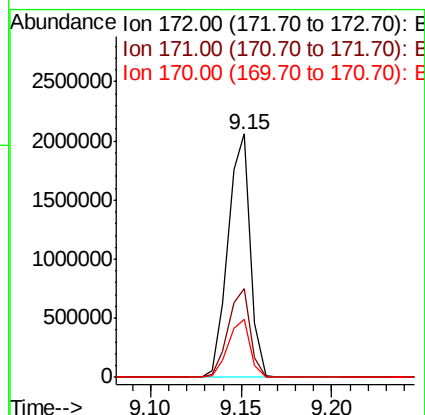
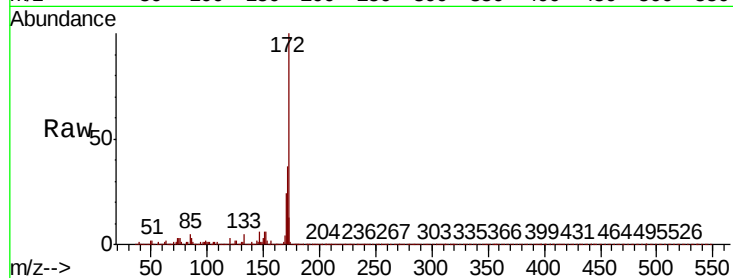




#45
2-Fluorobiphenyl
Concen: 95.076 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

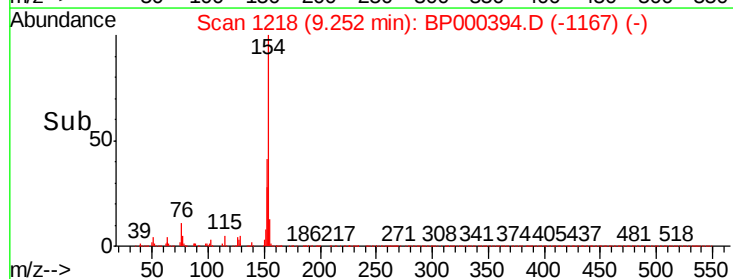
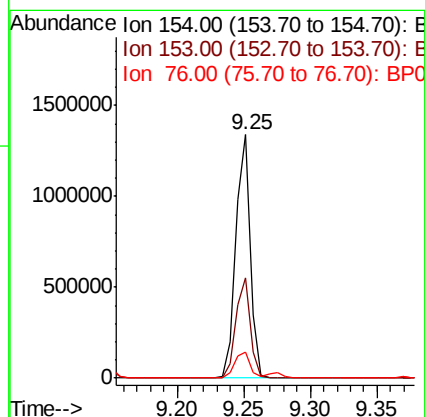
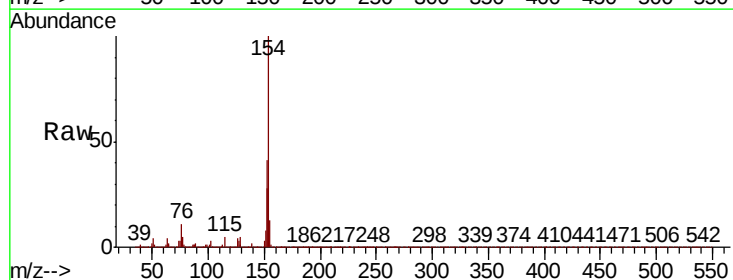
Instrument :
BNA_P
ClientSampled :

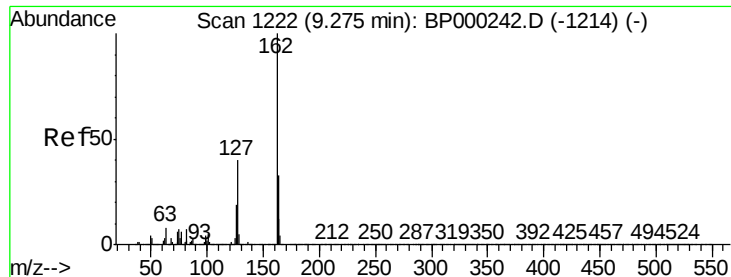
Tot Ion:172 Resp: 1755419
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 23.9 19.8 29.6



#46
1,1'-Biphenyl
Concen: 44.624 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Tgt Ion:154 Resp: 1025818
Ion Ratio Lower Upper
154 100
153 40.9 21.4 61.4
76 10.5 0.0 33.4





#47

2-Chloronaphthalene

Concen: 43.817 ng

RT: 9.28 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

Instrument :

BNA_P

ClientSampled :

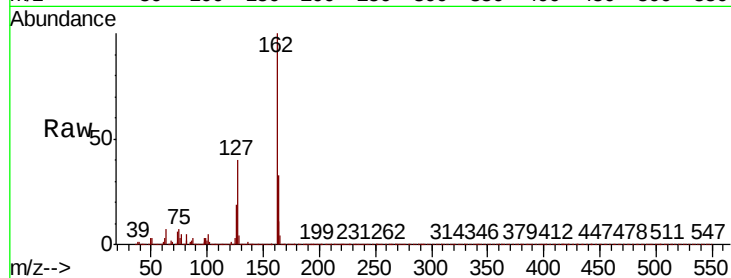
Tot Ion:162 Resp: 844955

Ion Ratio Lower Upper

162 100

127 39.9 32.4 48.6

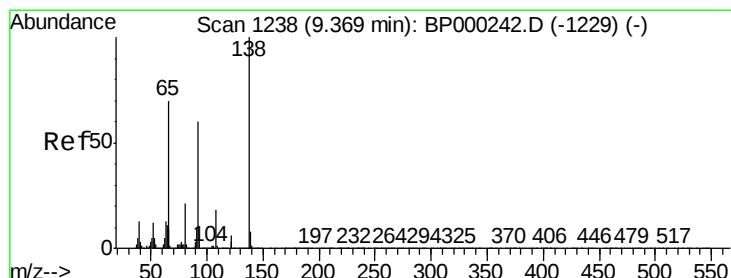
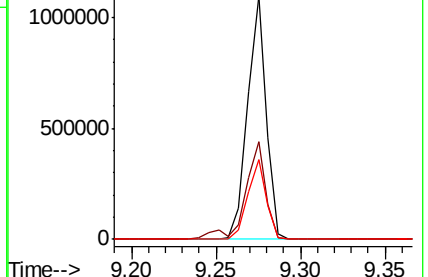
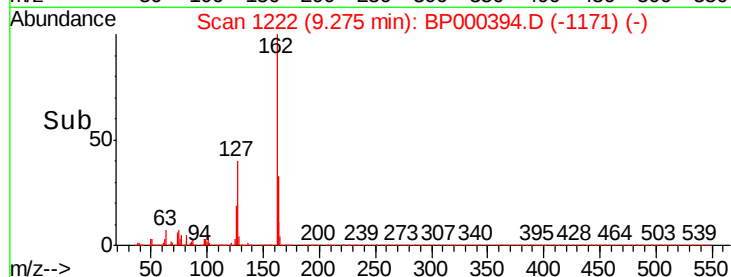
164 32.7 26.3 39.5



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: 42.904 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

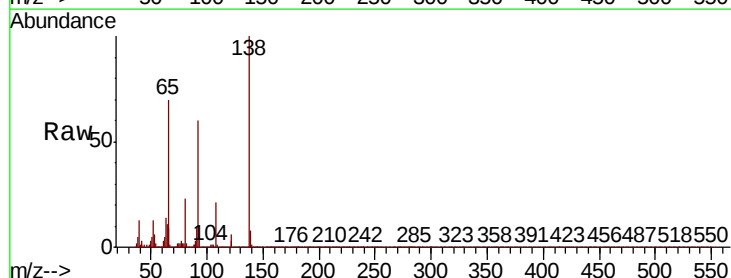
Tgt Ion: 65 Resp: 210102

Ion Ratio Lower Upper

65 100

92 86.5 68.7 103.1

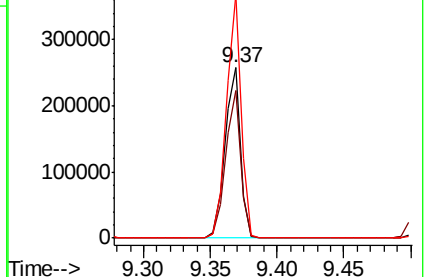
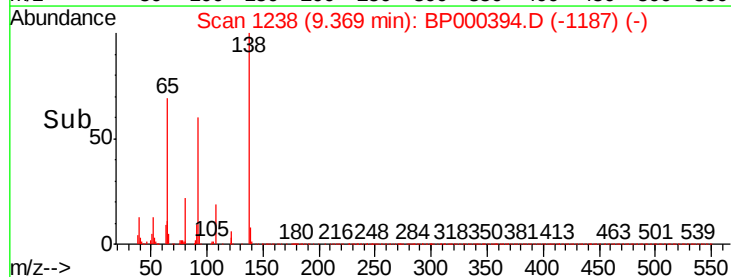
138 143.1 114.4 171.6

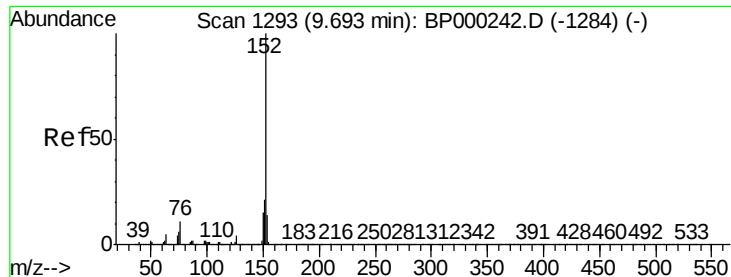


Abundance Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.426 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

Instrument :

BNA_P

ClientSampleId :

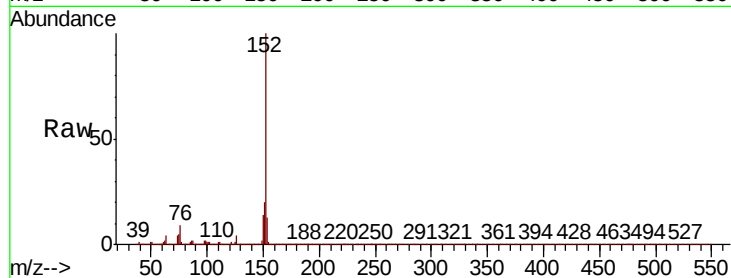
Tot Ion:152 Resp: 1287772

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

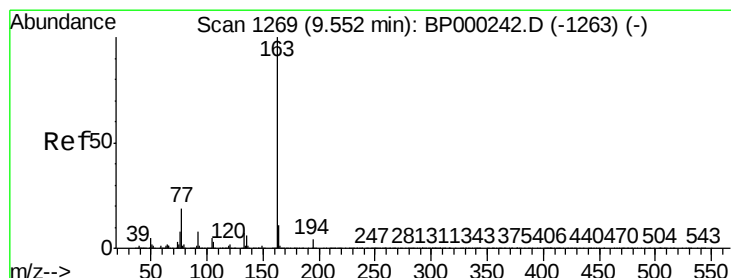
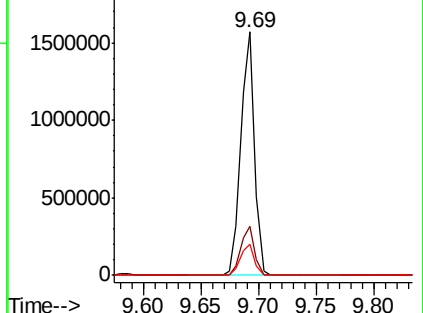
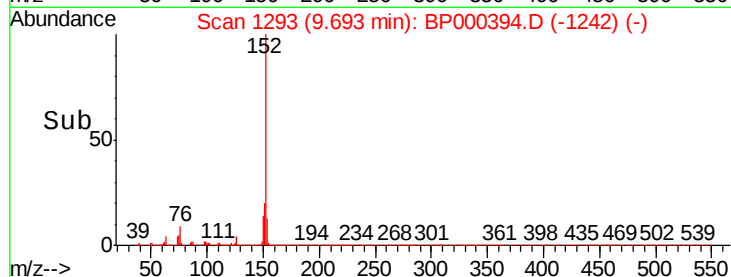
153 13.0 11.0 16.4



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: 45.129 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

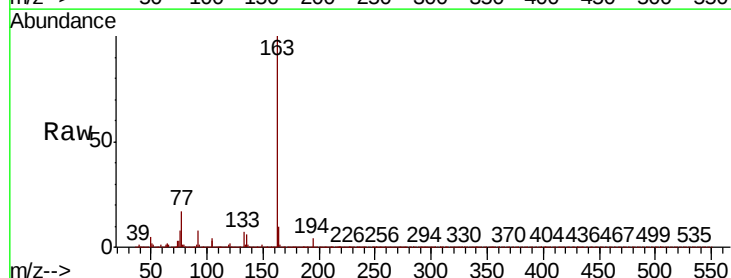
Tgt Ion:163 Resp: 1021726

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

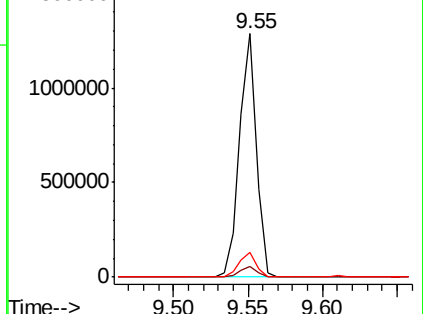
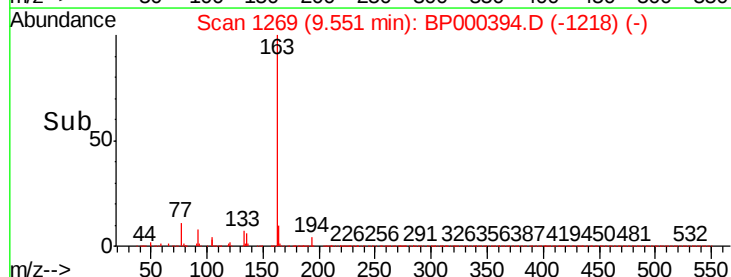
164 10.1 8.5 12.7

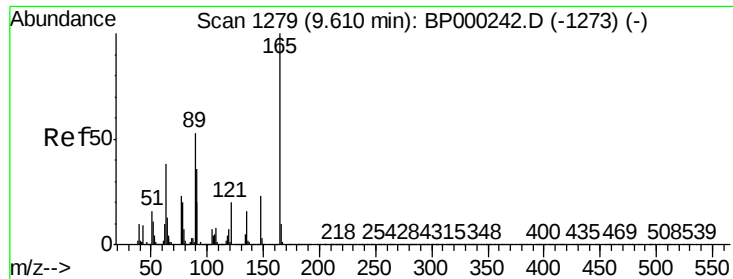


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

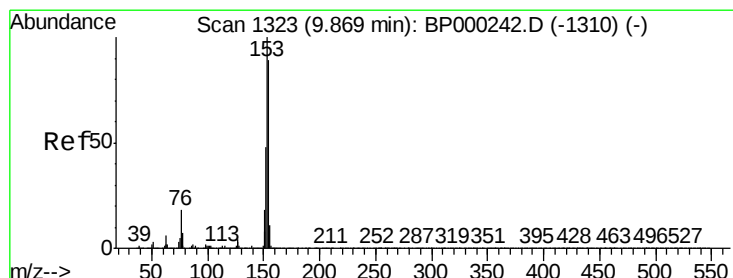
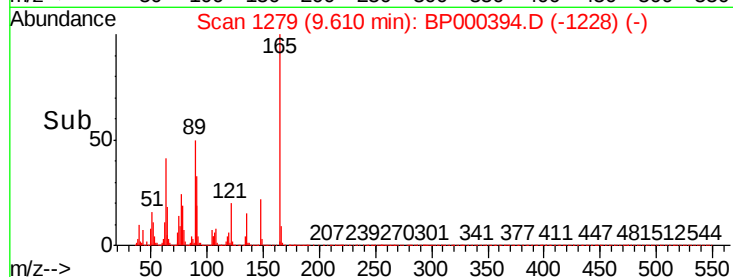
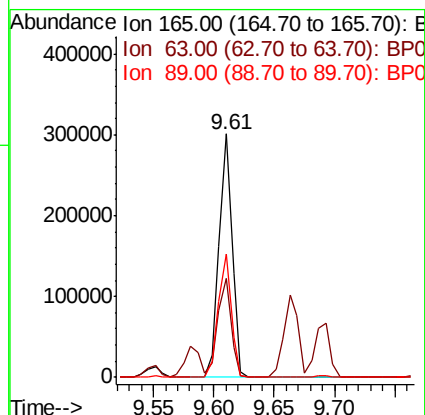
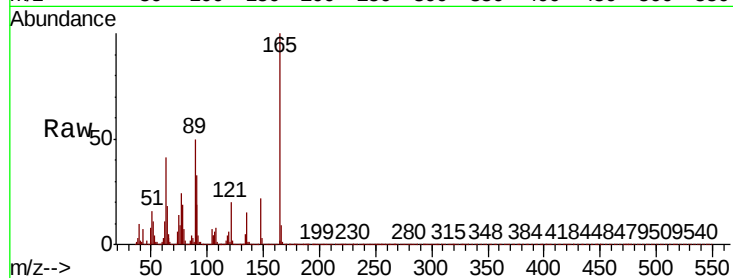




#51
2,6-Dinitrotoluene
Concen: 44.602 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

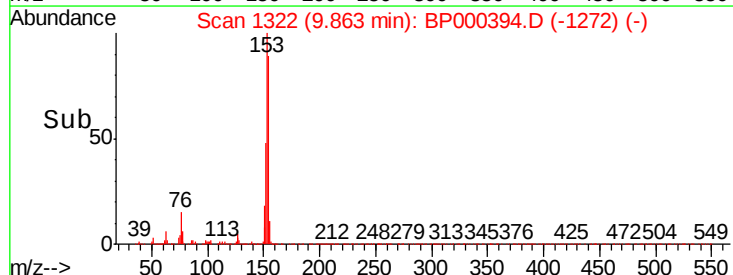
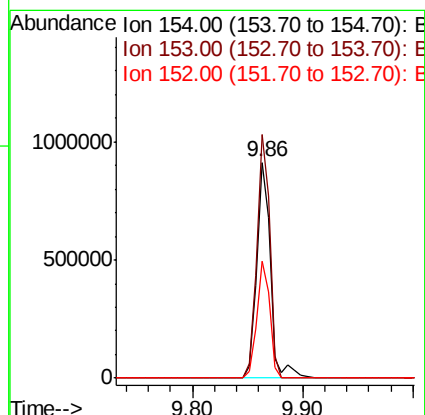
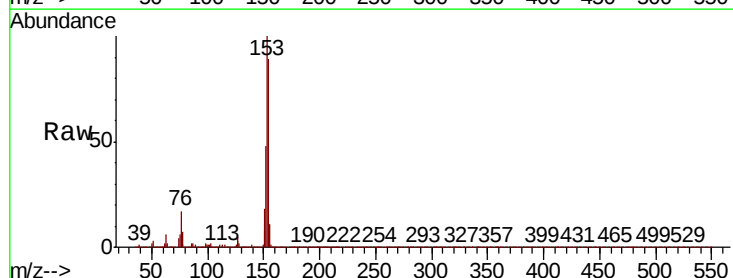
Instrument :
BNA_P
ClientSampleId :

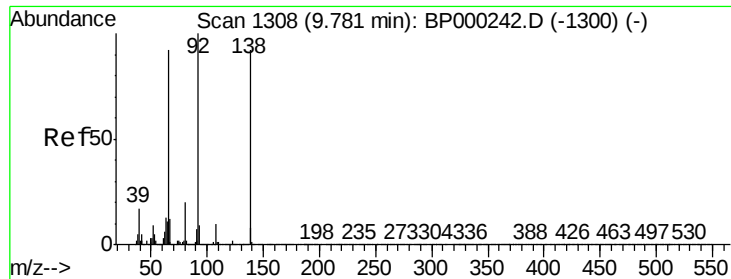
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.7	35.8	53.8
89	50.5	42.6	63.8



#52
Acenaphthene
Concen: 43.708 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.8	134.6
152	54.1	43.4	65.0

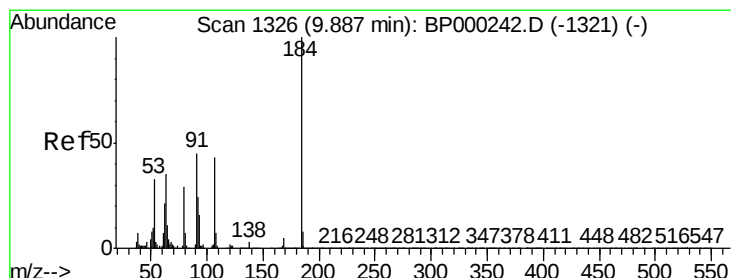
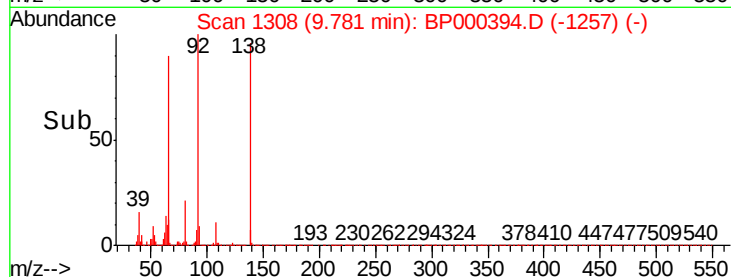
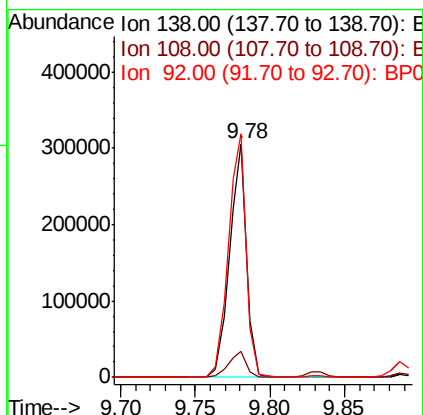
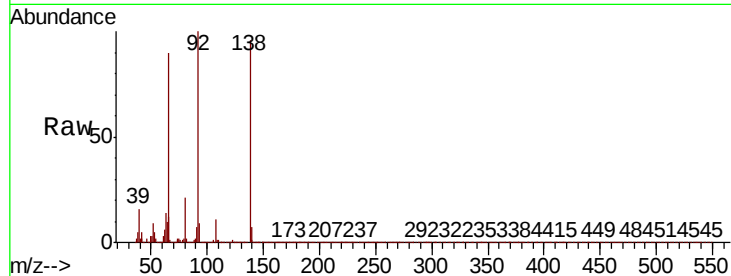




#53
3-Nitroaniline
Concen: 42.852 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

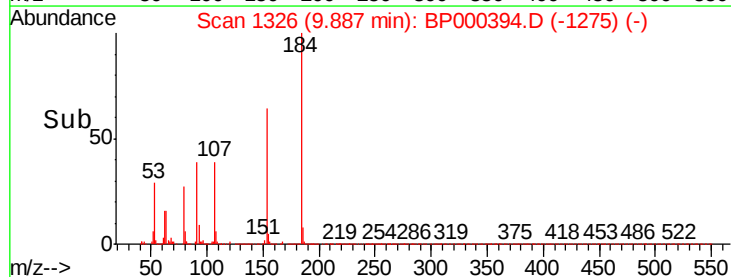
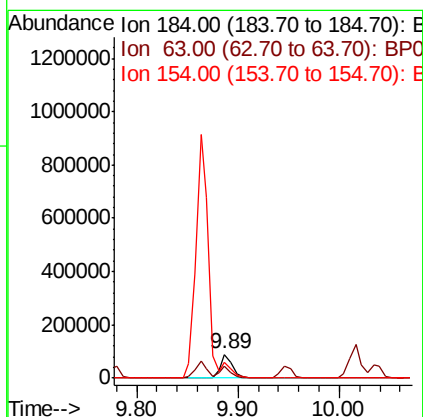
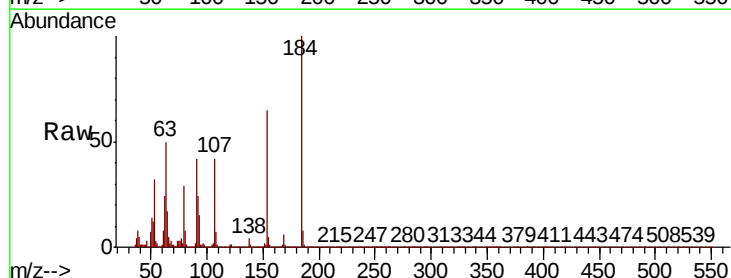
Instrument :
BNA_P
ClientSampleId :

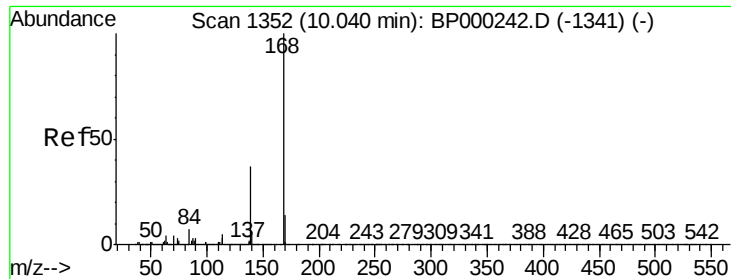
Tot Ion:138 Resp: 247608
Ion Ratio Lower Upper
138 100
108 11.3 9.1 13.7
92 104.2 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 35.975 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Tgt Ion:184 Resp: 79121
Ion Ratio Lower Upper
184 100
63 50.3 39.5 59.3
154 64.5 48.8 73.2

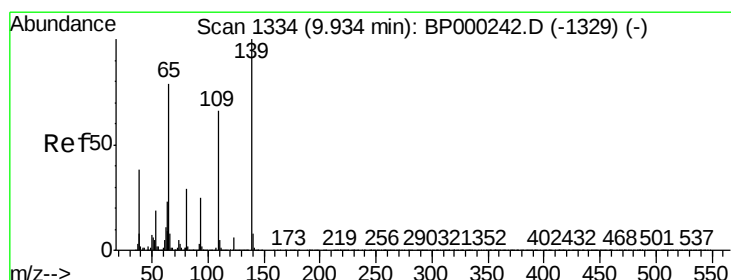
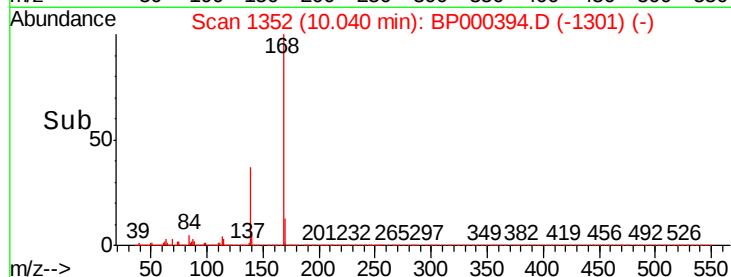
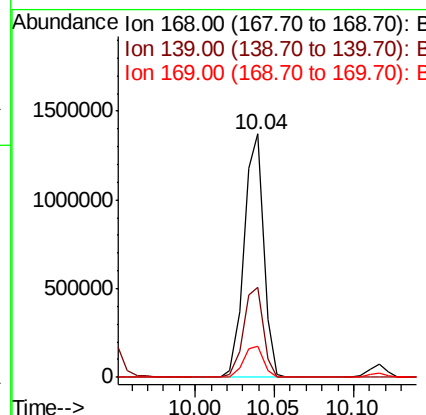
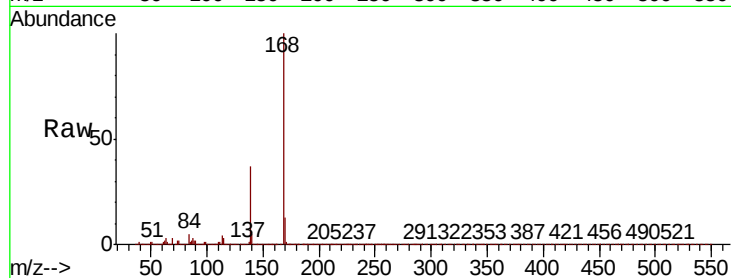




#55
Dibenzofuran
Concen: 45.110 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

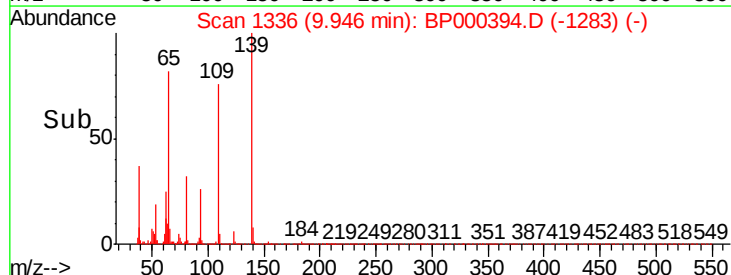
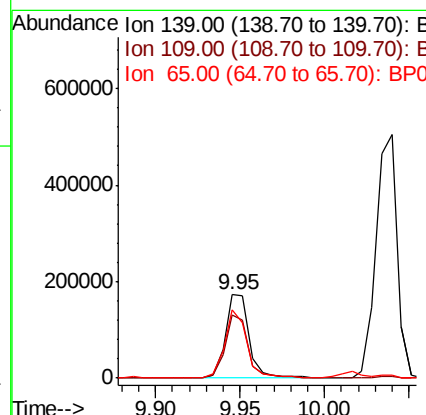
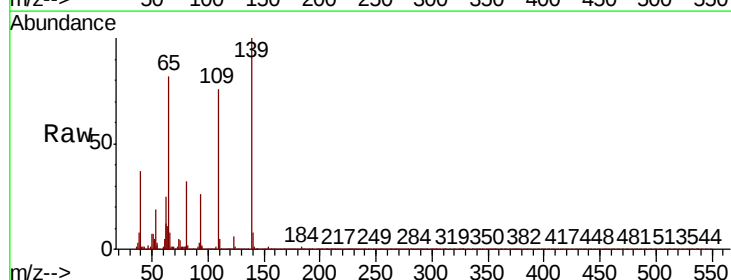
Instrument :
BNA_P
ClientSampleId :

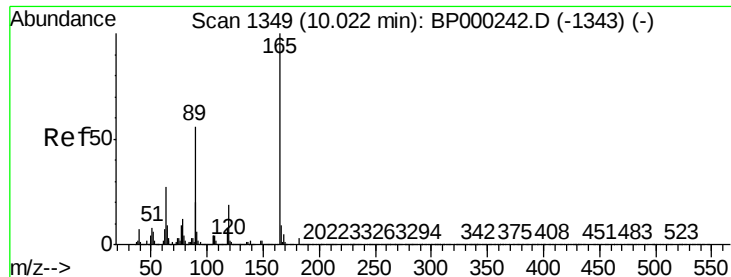
Tot Ion:168 Resp: 1166507
Ion Ratio Lower Upper
168 100
139 36.8 30.0 45.0
169 13.0 11.0 16.6



#56
4-Nitrophenol
Concen: 39.859 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Tgt Ion:139 Resp: 171301
Ion Ratio Lower Upper
139 100
109 76.1 46.2 86.2
65 81.7 59.4 99.4

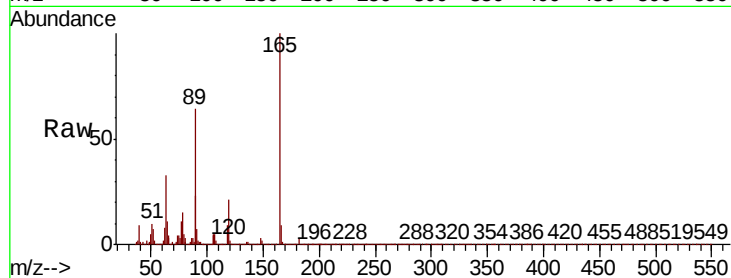




#57
2,4-Dinitrotoluene
Concen: 45.772 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	32.6	21.7	32.5#
89	64.1	45.0	67.6
182	2.9	2.4	3.6



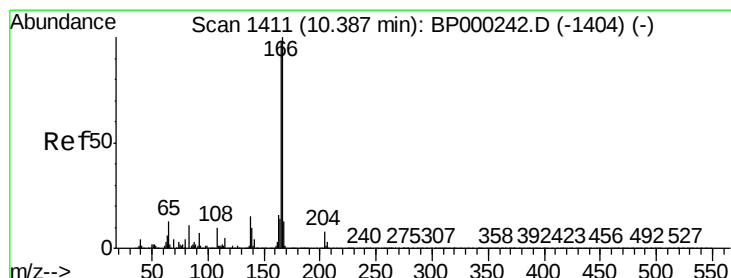
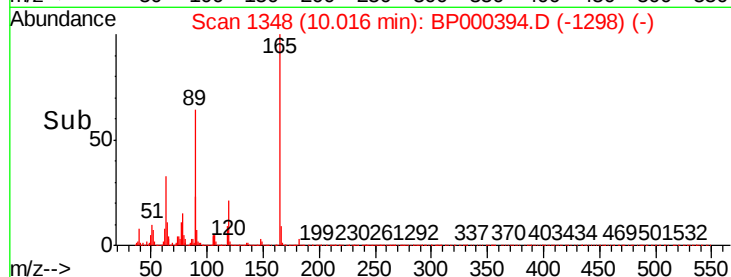
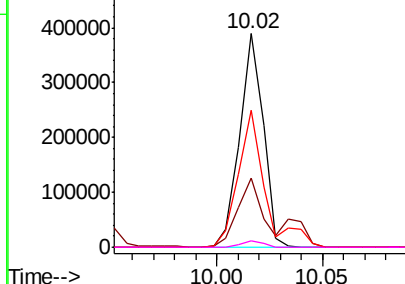
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

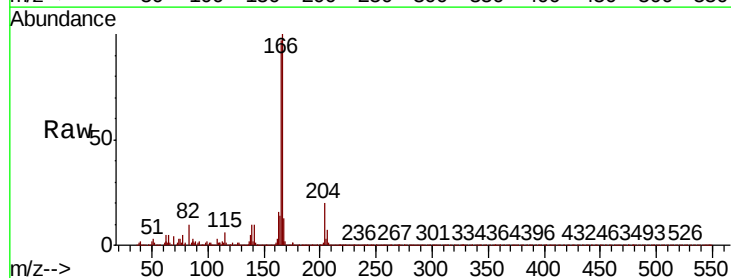
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.899 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.2	117.2
167	13.4	10.7	16.1

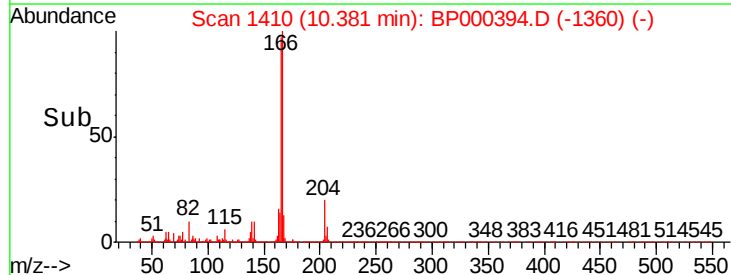
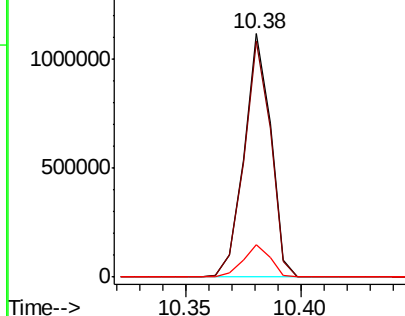


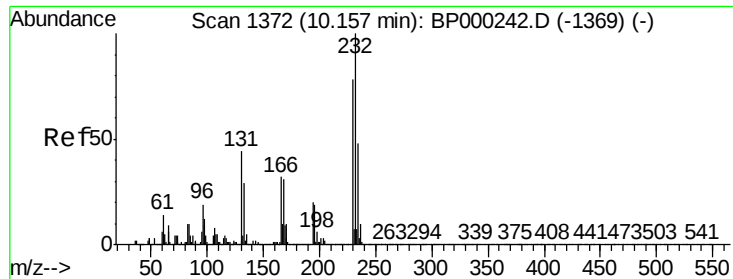
Abundance

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

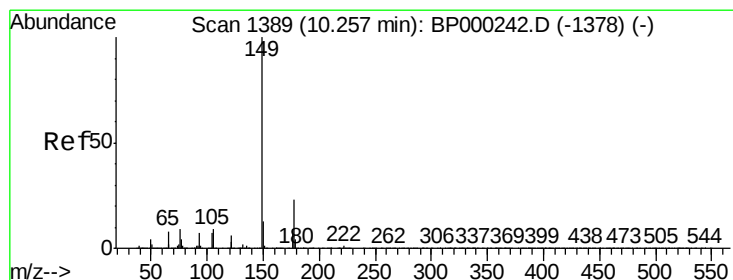
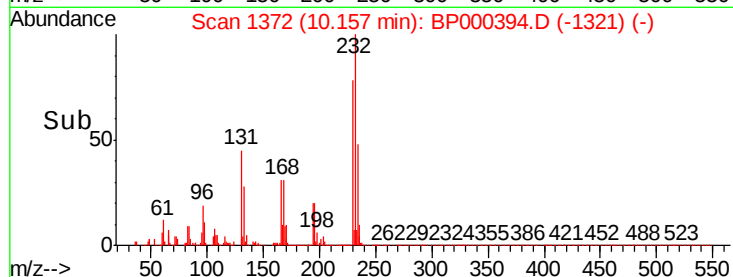
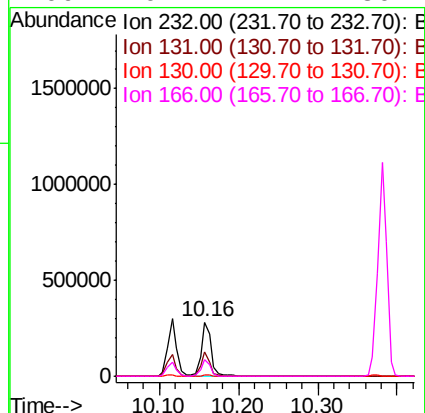
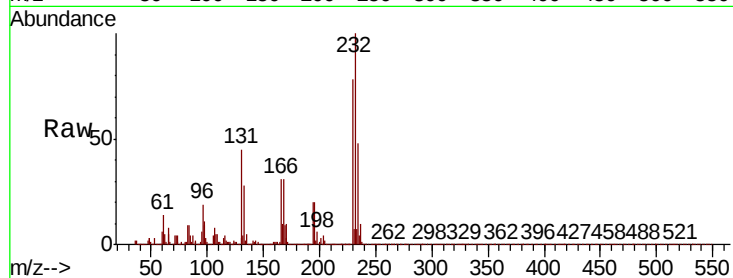




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.593 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

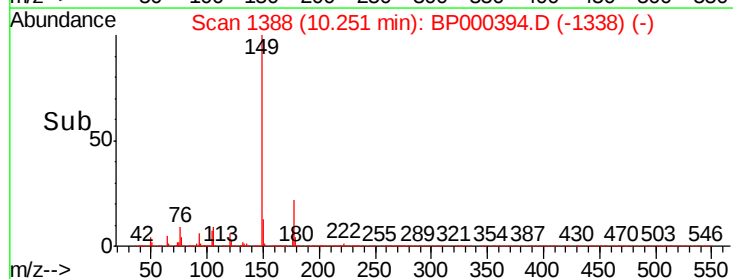
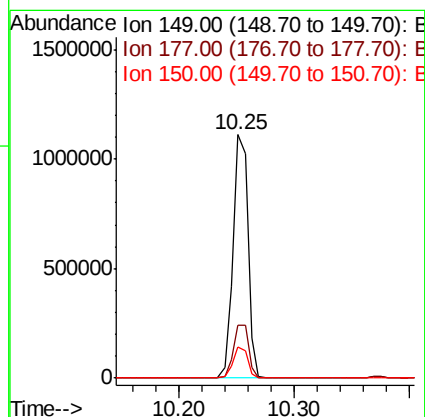
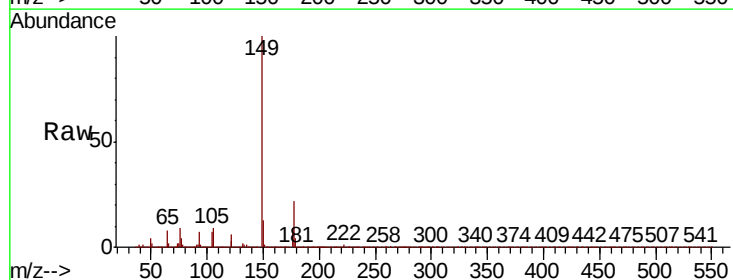
Instrument :
BNA_P
ClientSampleId :

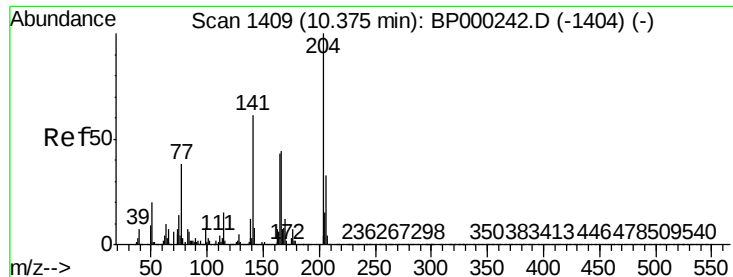
Tot Ion:232	Resp:	252557
Ion Ratio	Lower	Upper
232	100	
131	40.7	33.6 50.4
130	2.2	1.8 2.6
166	29.1	24.2 36.2



#60
Diethylphthalate
Concen: 45.393 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Tgt Ion:149	Resp:	988614
Ion Ratio	Lower	Upper
149	100	
177	21.7	18.1 27.1
150	12.9	10.3 15.5

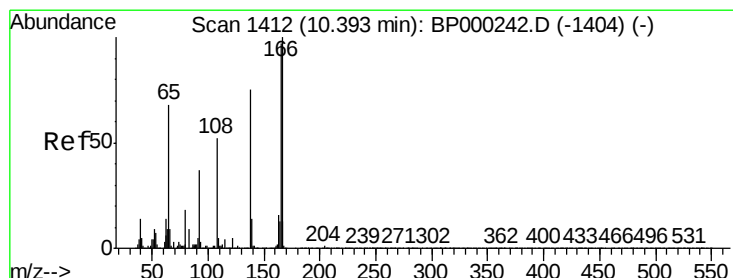
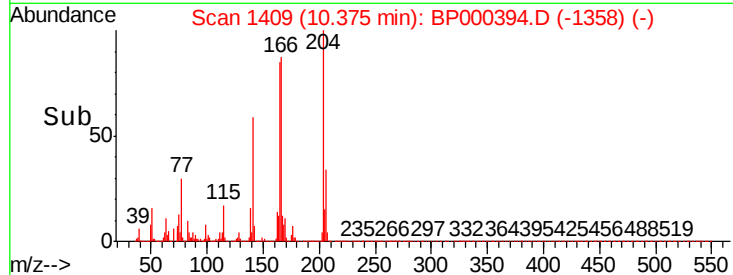
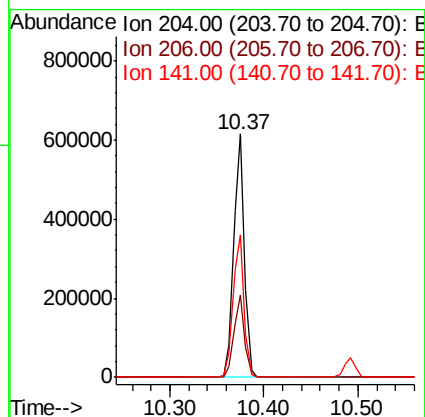
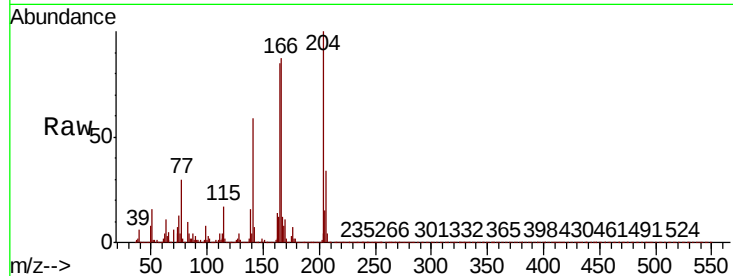




#61
4-Chlorophenyl-phenylether
Concen: 47.112 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

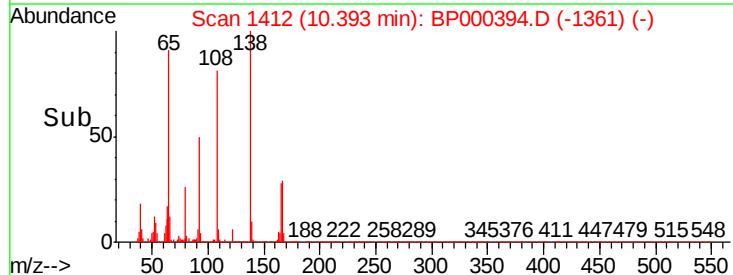
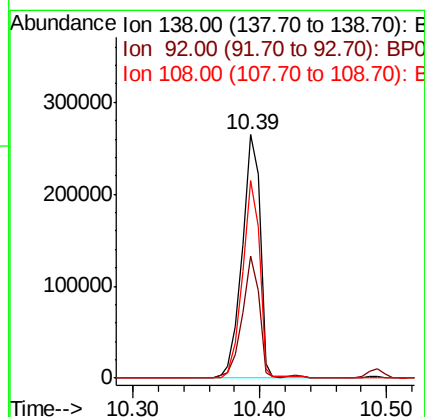
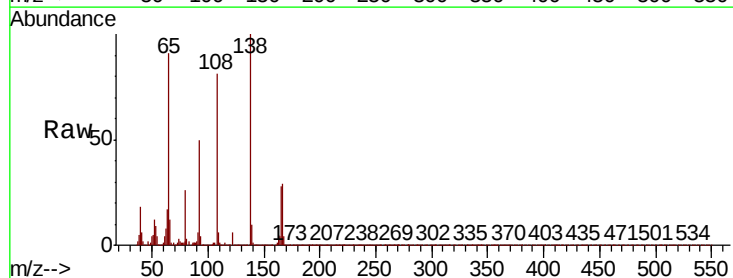
Instrument :
BNA_P
ClientSampled :

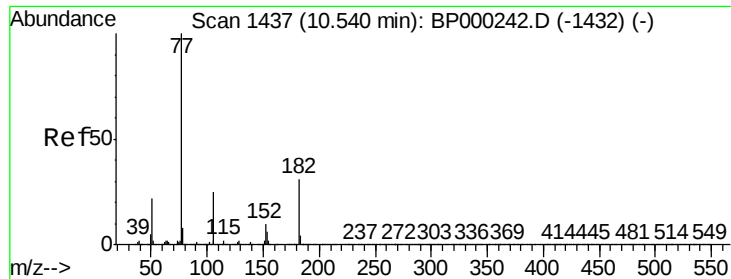
Tot Ion:204 Resp: 483020
Ion Ratio Lower Upper
204 100
206 33.9 26.3 39.5
141 58.5 48.6 72.8



#62
4-Nitroaniline
Concen: 45.486 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Tgt Ion:138 Resp: 258519
Ion Ratio Lower Upper
138 100
92 50.4 30.1 70.1
108 81.0 49.5 89.5

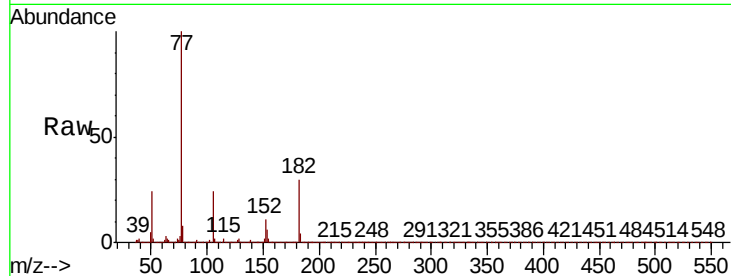




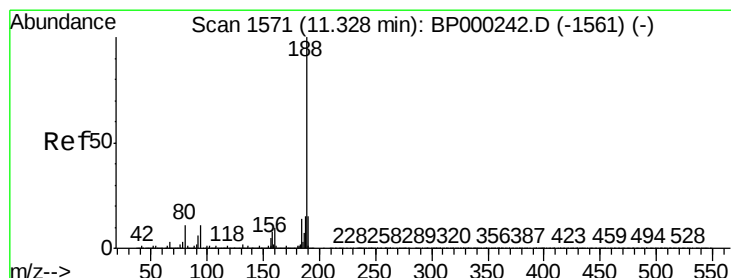
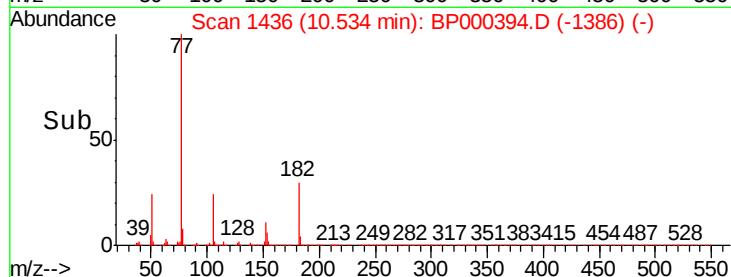
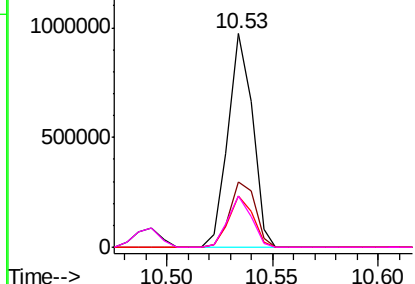
#63
Azobenzene
Concen: 42.222 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Instrument :
BNA_P
ClientSampled :

Tot Ion:	77	Resp:	779059
Ion	Ratio	Lower	Upper
77	100		
182	30.3	11.1	51.1
105	24.2	4.7	44.7
51	23.8	2.2	42.2

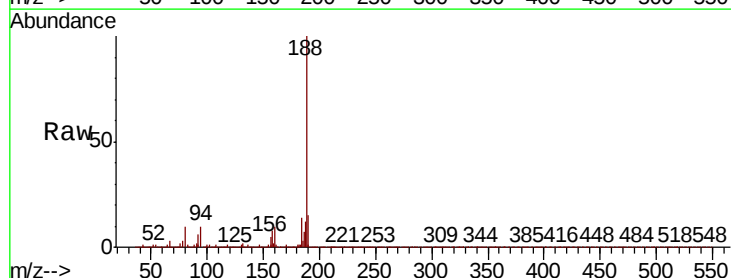


Abundance Ion 77.00 (76.70 to 77.70): BP0
1500000 Ion 182.00 (181.70 to 182.70): E
1000000 Ion 105.00 (104.70 to 105.70): E
500000 Ion 51.00 (50.70 to 51.70): BP0
0

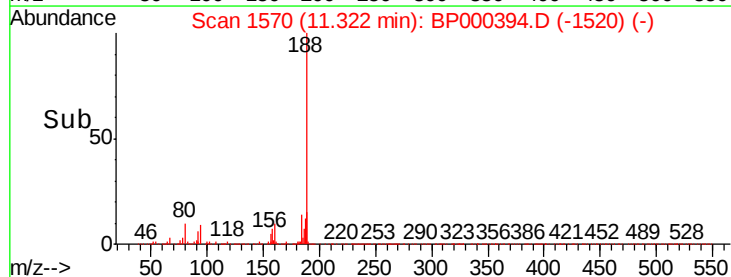
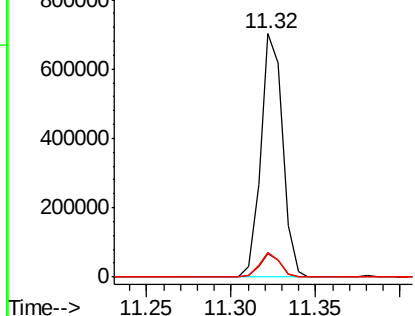


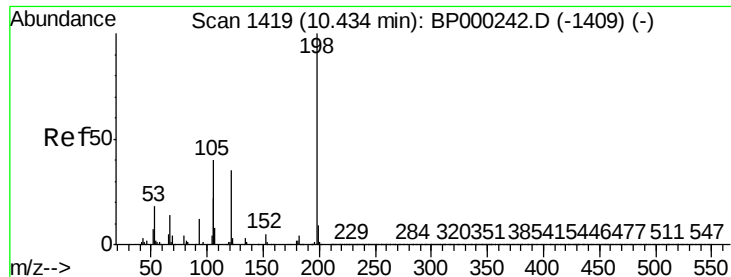
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Tgt Ion:	188	Resp:	630825
Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.1	8.6	13.0



Abundance Ion 188.00 (187.70 to 188.70): E
800000 Ion 94.00 (93.70 to 94.70): BP0
600000 Ion 80.00 (79.70 to 80.70): BP0
400000
200000
0





#65

4,6-Dinitro-2-methylphenol

Concen: 40.095 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

Instrument :

BNA_P

ClientSampleId :

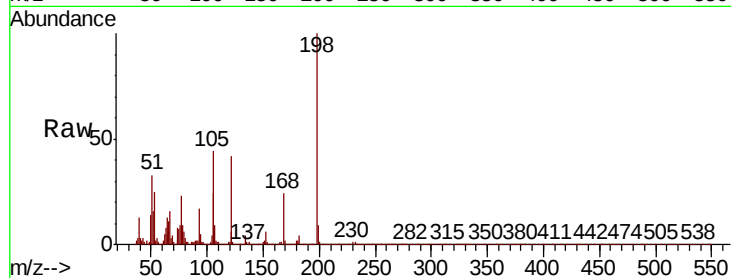
Tot Ion:198 Resp: 118929

Ion Ratio Lower Upper

198 100

51 32.7 7.4 47.4

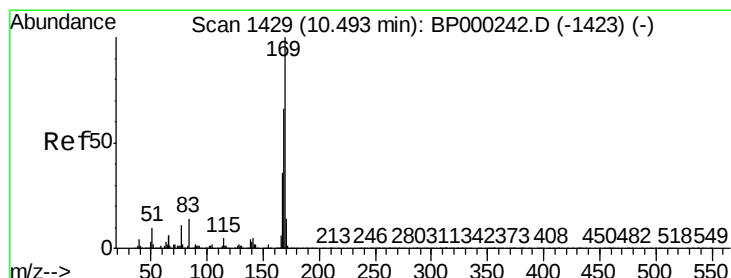
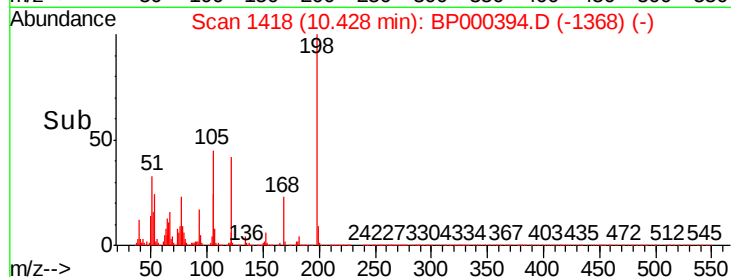
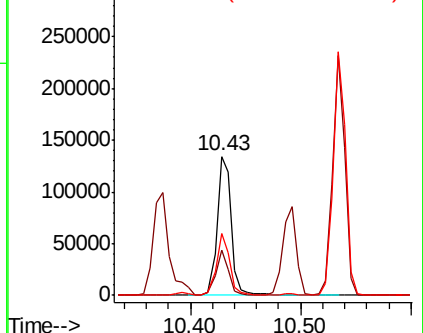
105 44.4 20.2 60.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.808 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

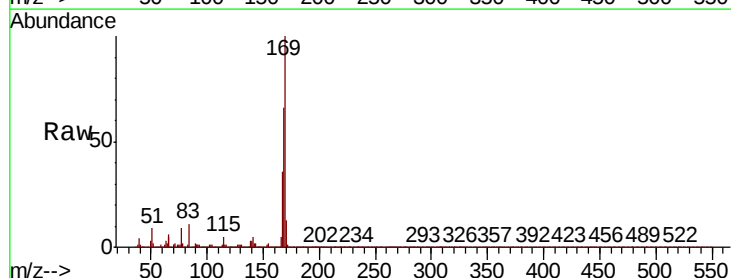
Tgt Ion:169 Resp: 812934

Ion Ratio Lower Upper

169 100

168 66.1 52.9 79.3

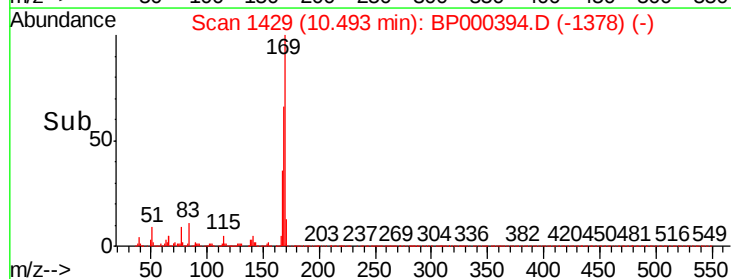
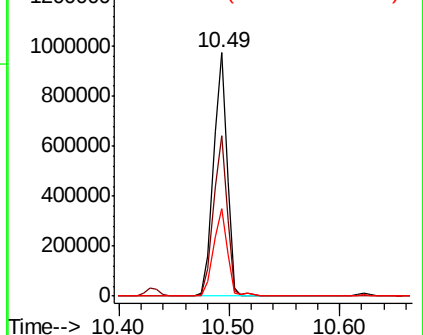
167 35.7 29.0 43.6

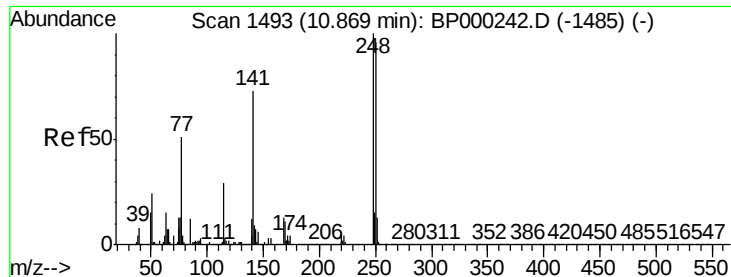


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

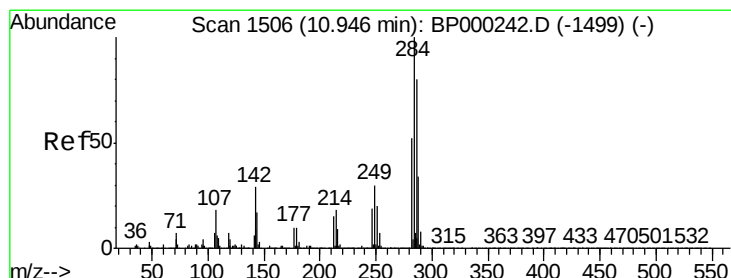
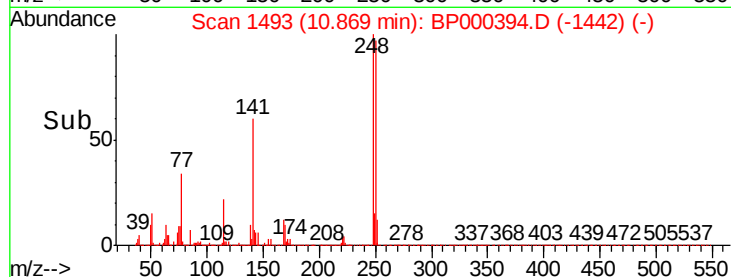
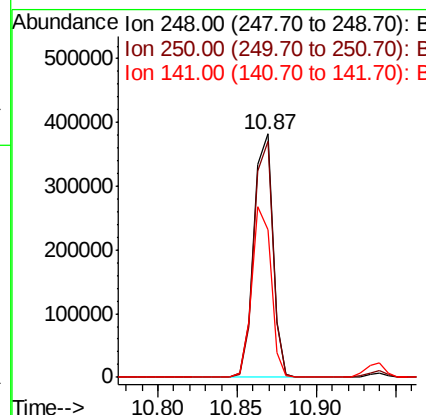
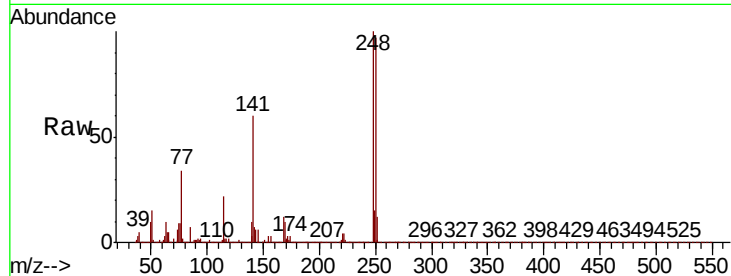




#67
4-Bromophenyl-phenylether
Concen: 44.576 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

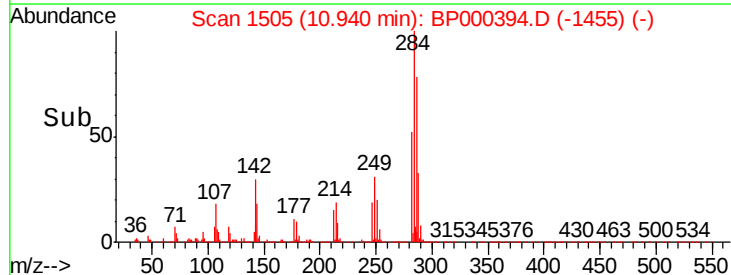
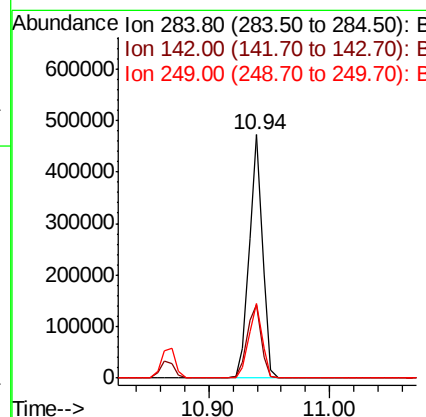
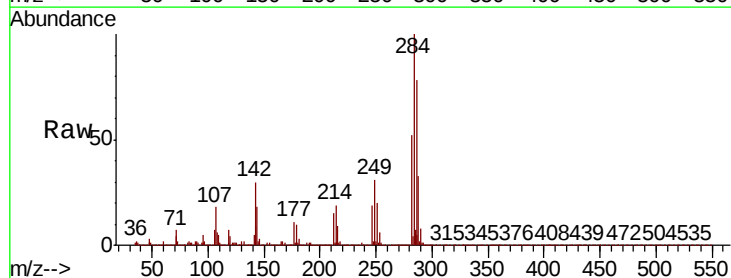
Instrument :
BNA_P
ClientSampled :

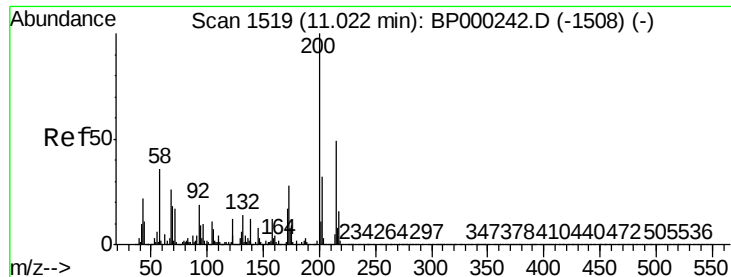
Tot Ion:248 Resp: 317976
Ion Ratio Lower Upper
248 100
250 97.1 77.0 115.4
141 60.4 58.5 87.7



#68
Hexachlorobenzene
Concen: 46.555 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Tgt Ion:284 Resp: 363060
Ion Ratio Lower Upper
284 100
142 29.9 23.6 35.4
249 30.9 24.3 36.5





#69

Atrazine

Concen: 33.837 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

Instrument :

BNA_P

ClientSampleId :

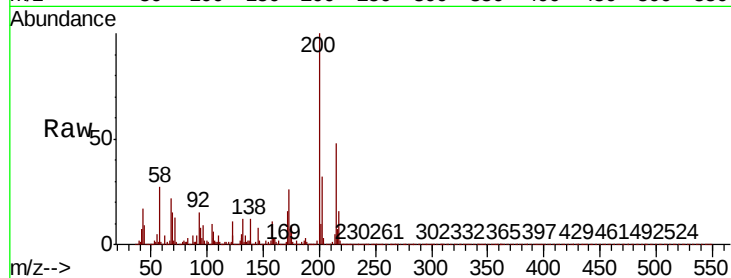
Tot Ion:200 Resp: 182638

Ion Ratio Lower Upper

200 100

173 26.4 7.6 47.6

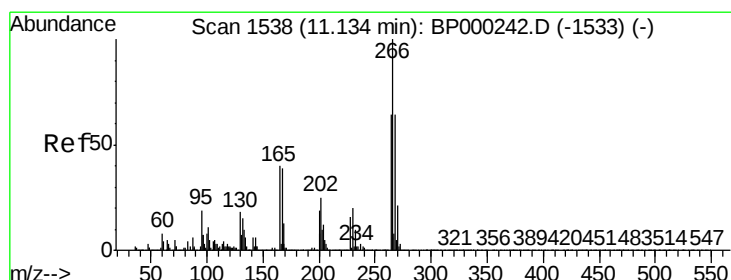
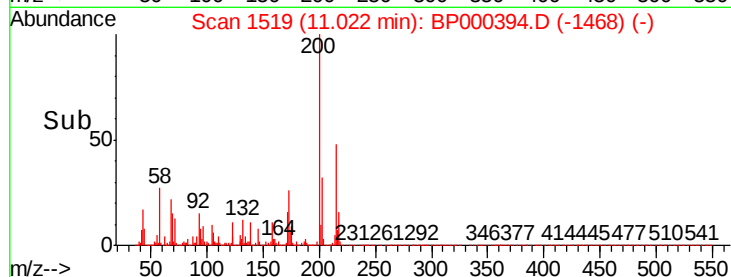
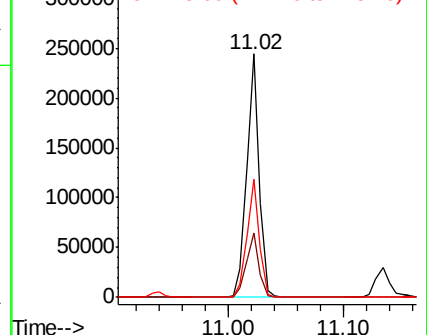
215 48.4 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 36.639 ng

RT: 11.13 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

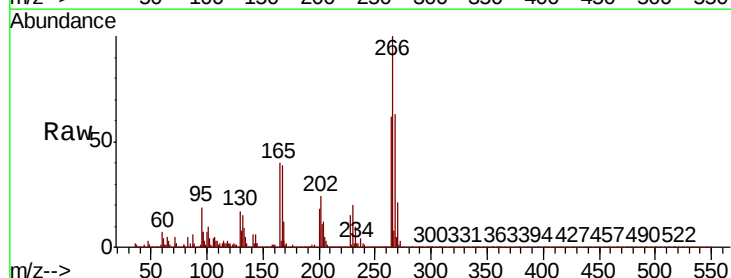
Tgt Ion:266 Resp: 155622

Ion Ratio Lower Upper

266 100

268 63.3 51.6 77.4

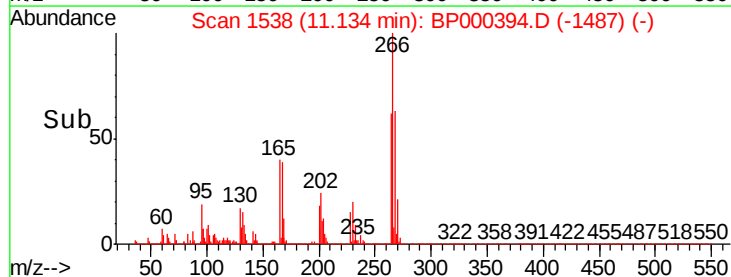
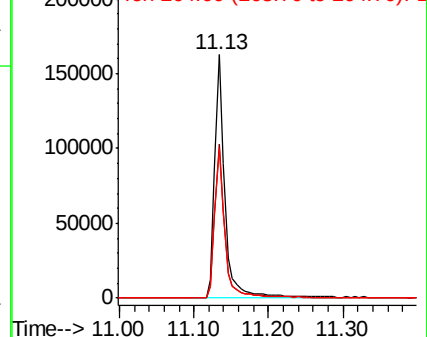
264 61.8 50.8 76.2

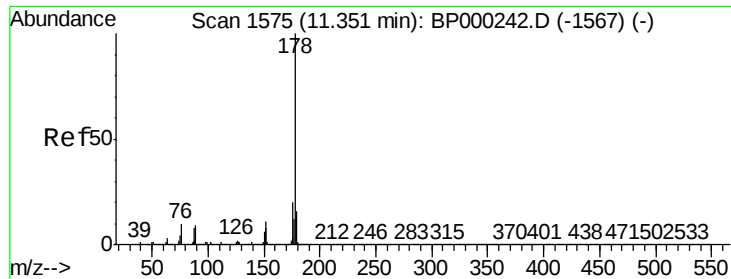


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

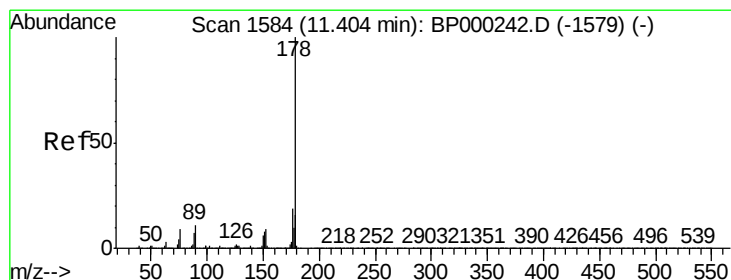
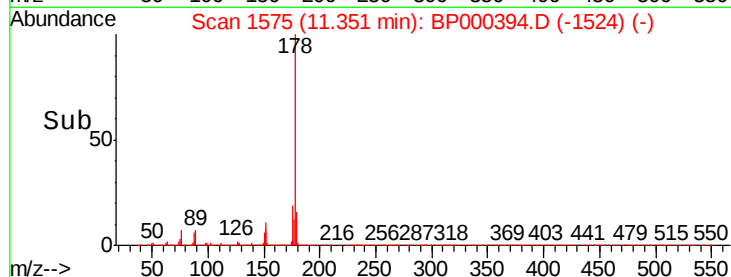
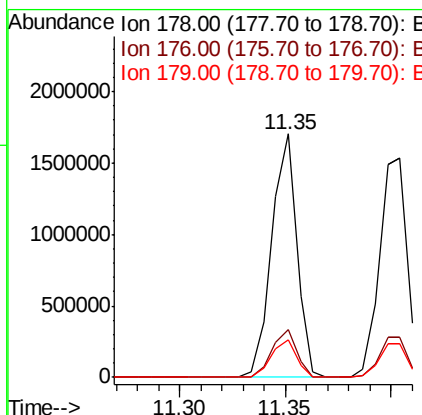
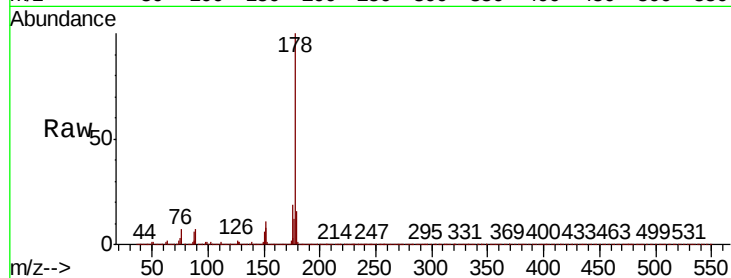




#71
Phenanthrene
Concen: 44.618 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

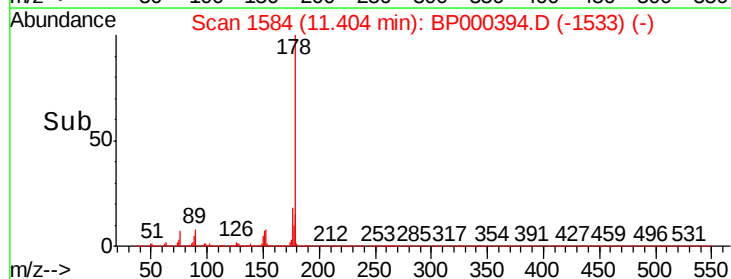
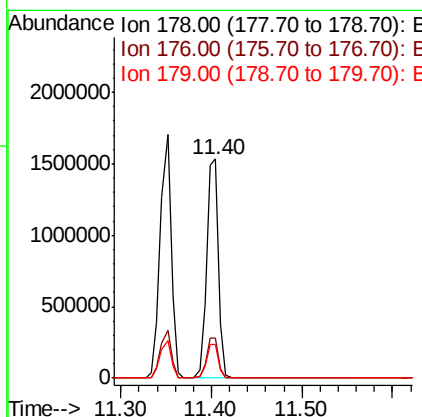
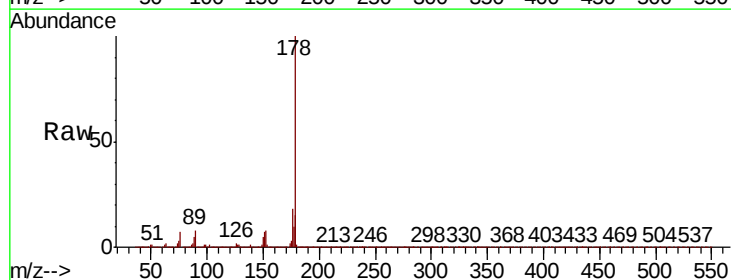
Instrument :
BNA_P
ClientSampled :

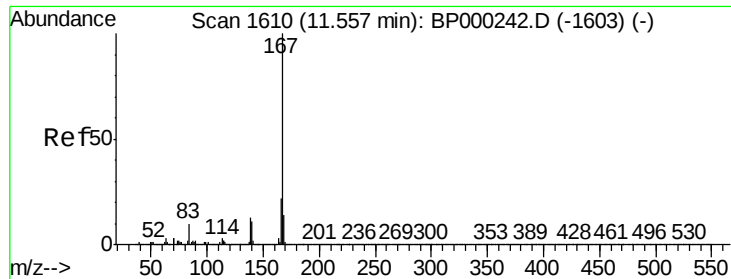
Tot Ion:178 Resp: 1410475
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.6 12.7 19.1



#72
Anthracene
Concen: 43.611 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Tgt Ion:178 Resp: 1419067
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.0
179 15.2 12.7 19.1



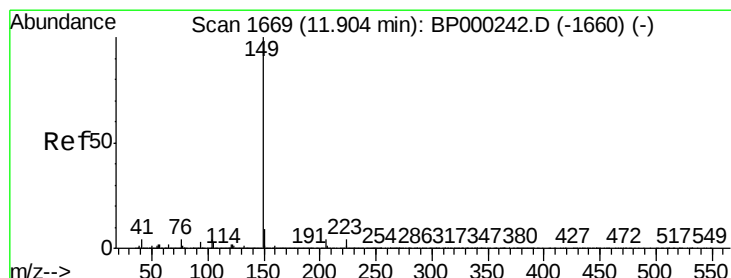
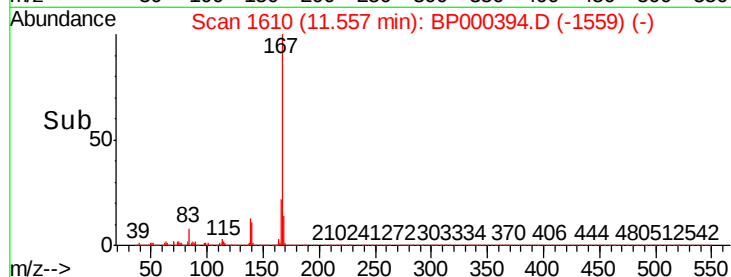
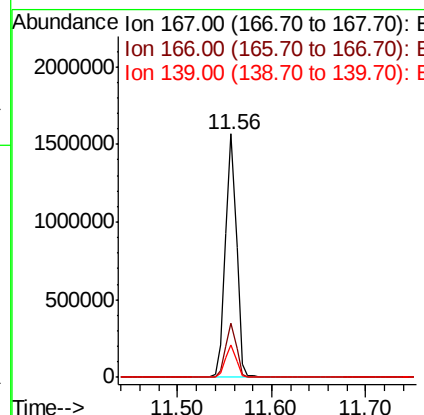
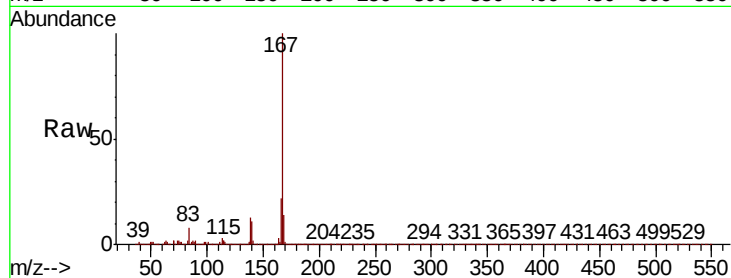


#73
 Carbazole
 Concen: 44.392 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BP000394.D
 Acq: 24 Sep 2019 19:25

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:167 Resp: 1300862

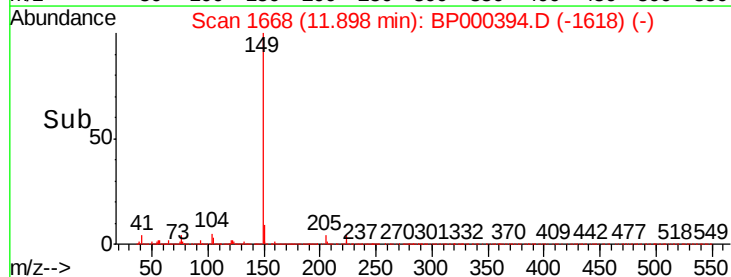
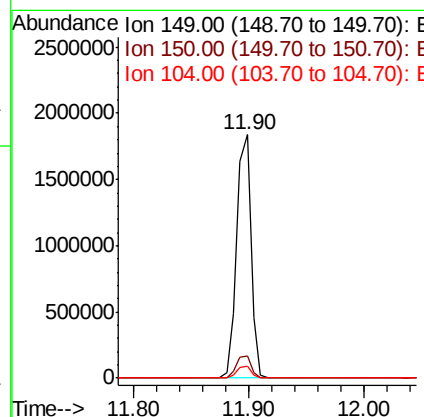
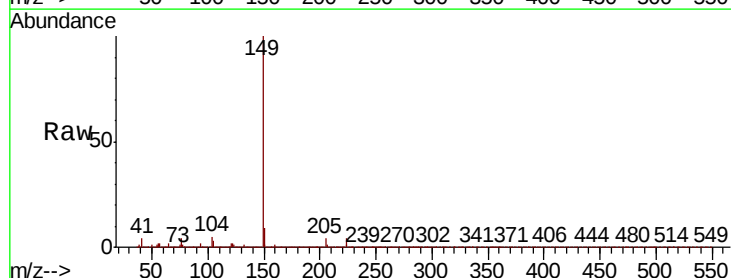
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	13.3	10.8	16.2

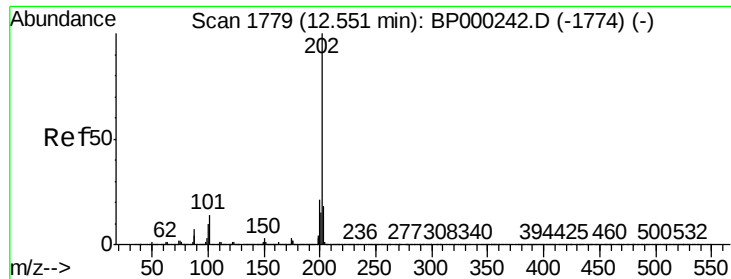


#74
 Di-n-butylphthalate
 Concen: 42.784 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BP000394.D
 Acq: 24 Sep 2019 19:25

Tgt Ion:149 Resp: 1586906

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	4.6	3.5	5.3





#75

Fluoranthene

Concen: 47.141 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

Instrument :

BNA_P

ClientSampleId :

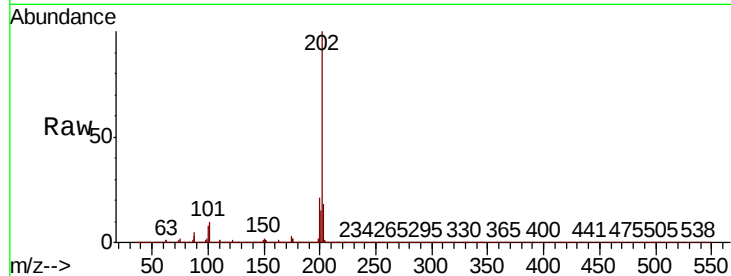
Tot Ion:202 Resp: 1600198

Ion Ratio Lower Upper

202 100

101 10.4 0.0 33.9

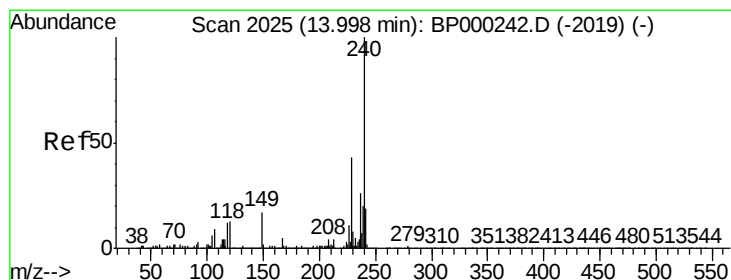
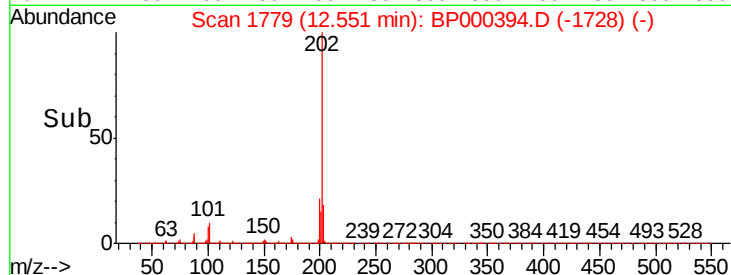
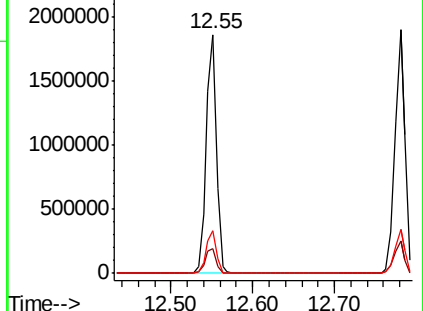
203 17.8 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

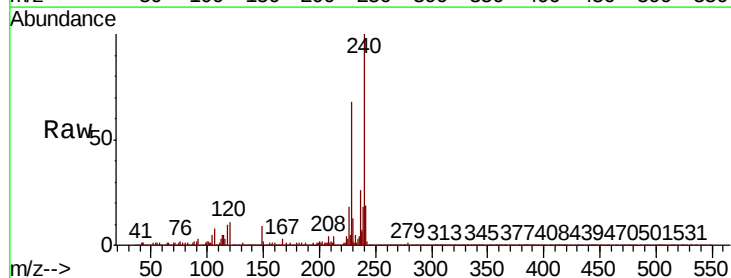
Tgt Ion:240 Resp: 588737

Ion Ratio Lower Upper

240 100

120 11.1 10.4 15.6

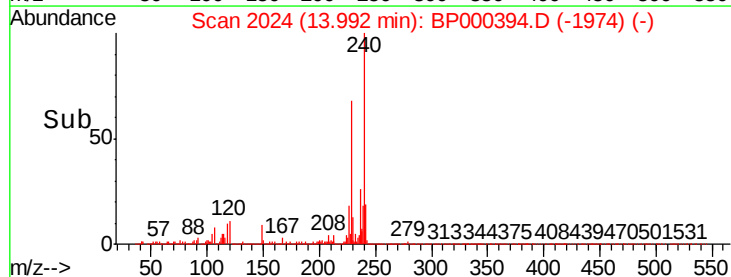
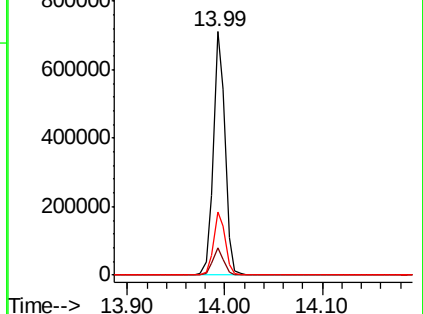
236 25.8 21.0 31.6

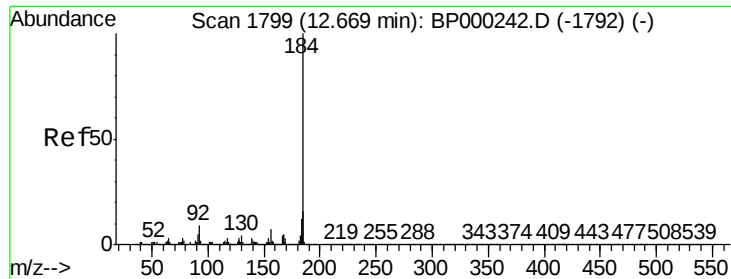


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.983 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

Instrument :

BNA_P

ClientSampled :

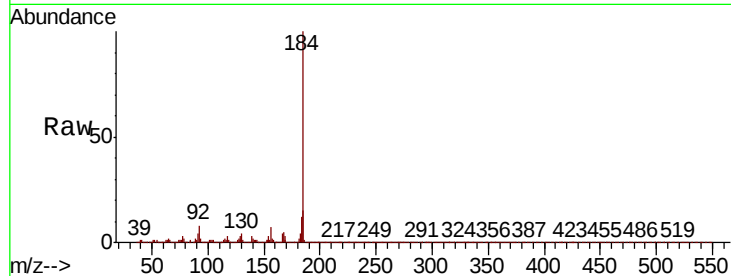
Tot Ion:184 Resp: 798636

Ion Ratio Lower Upper

184 100

185 15.0 12.7 19.1

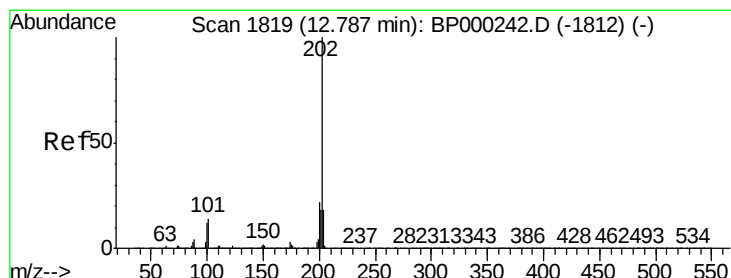
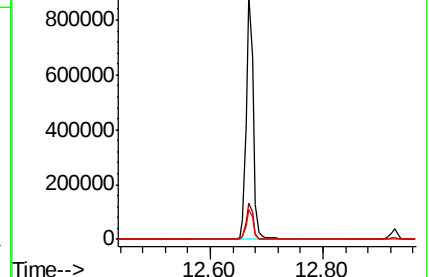
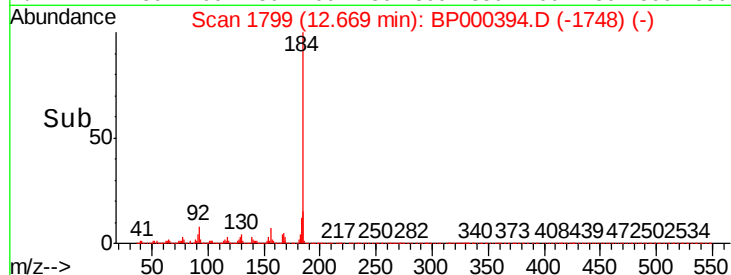
183 12.2 9.5 14.3



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: 37.221 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

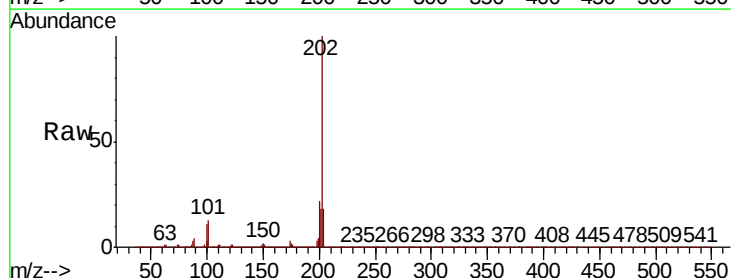
Tgt Ion:202 Resp: 1639481

Ion Ratio Lower Upper

202 100

200 21.8 17.5 26.3

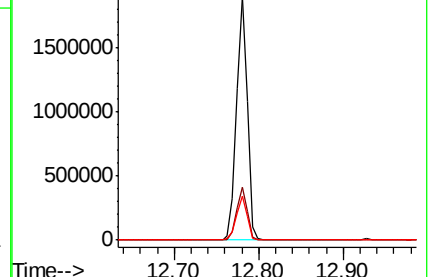
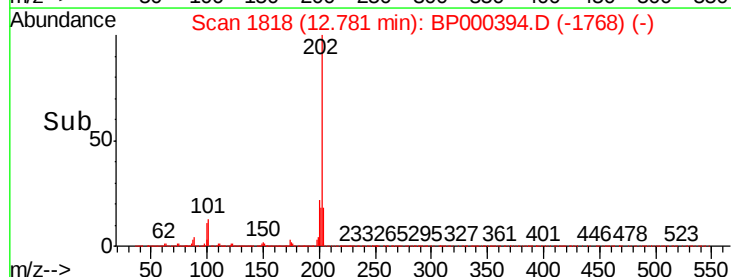
203 18.0 14.3 21.5

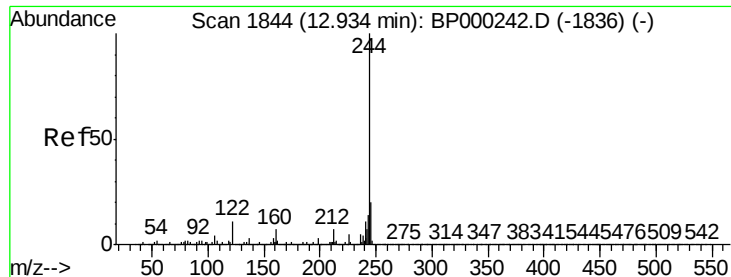


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.968 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

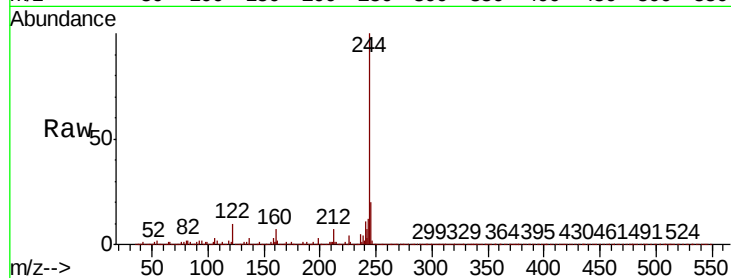
Instrument :

BNA_P

ClientSampleId :

Tot Ion:244 Resp: 2328396

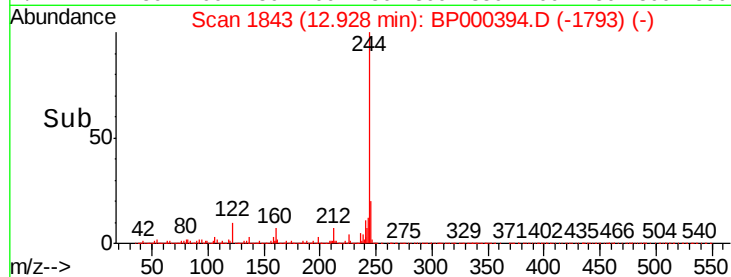
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	9.9	9.0	13.4



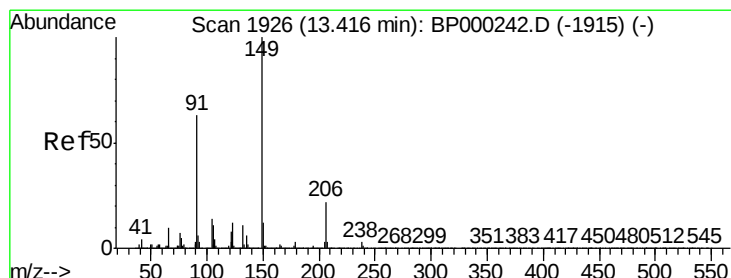
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 37.506 ng

RT: 13.41 min Scan# 1925

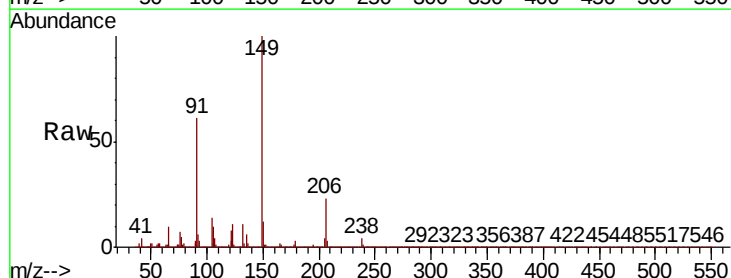
Delta R.T. -0.01 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

Tgt Ion:149 Resp: 759106

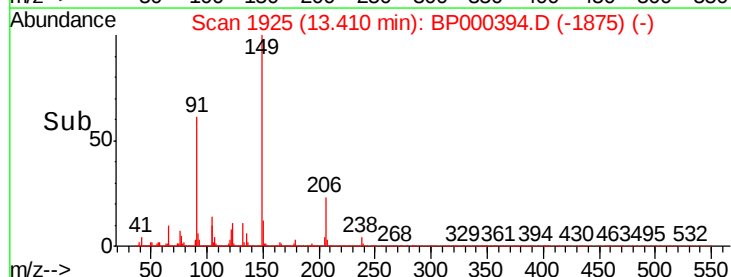
Ion	Ratio	Lower	Upper
149	100		
91	60.6	50.6	76.0
206	22.9	17.8	26.6



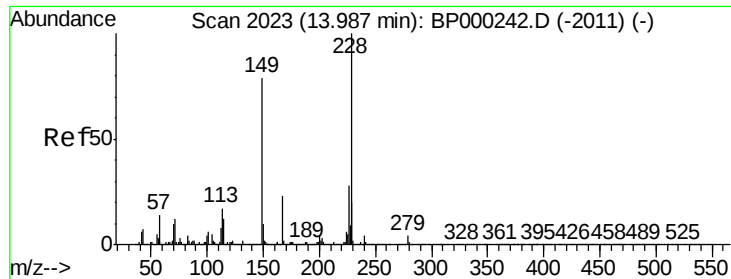
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E



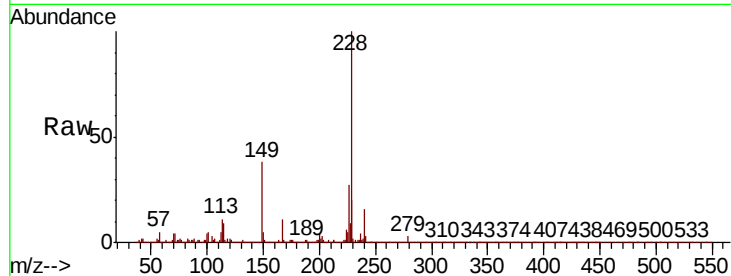
Time-->



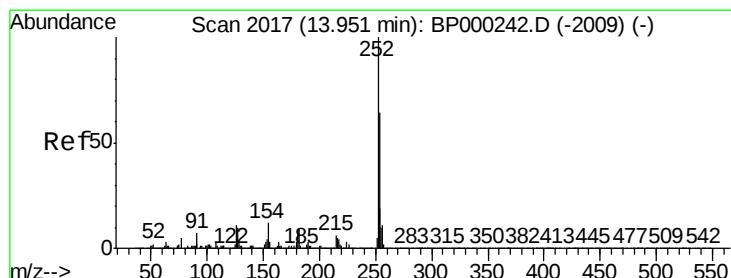
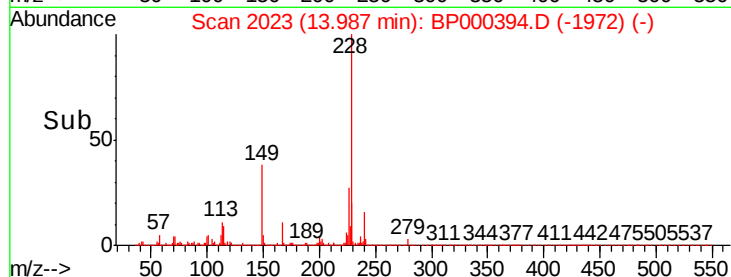
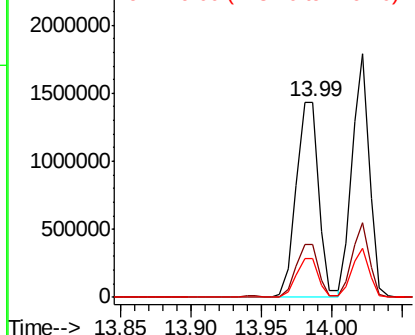
#81
Benzo(a)anthracene
Concen: 42.818 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion:228 Resp: 1592354
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.4
229 19.6 16.0 24.0

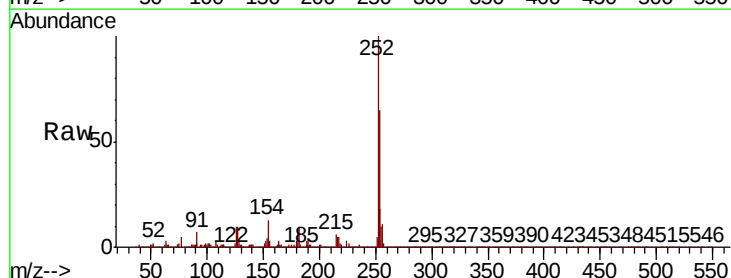


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

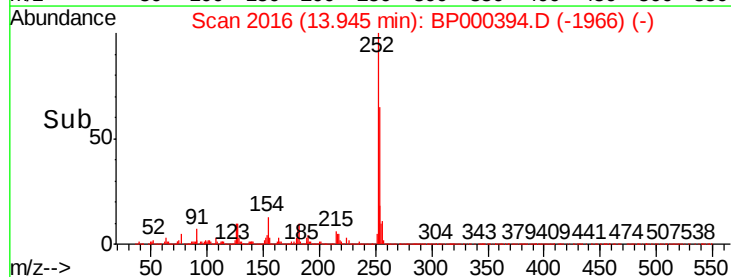
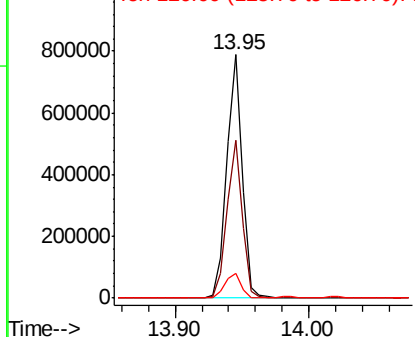


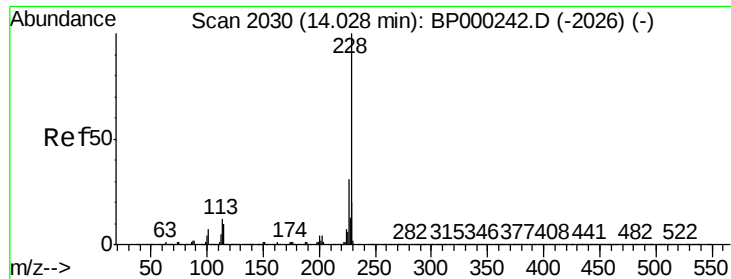
#82
3,3'-Dichlorobenzidine
Concen: 43.376 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Tgt Ion:252 Resp: 648291
Ion Ratio Lower Upper
252 100
254 64.8 51.5 77.3
126 9.9 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: 41.600 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

Instrument :

BNA_P

ClientSampleId :

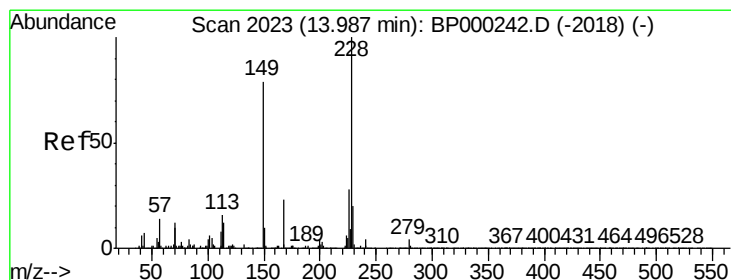
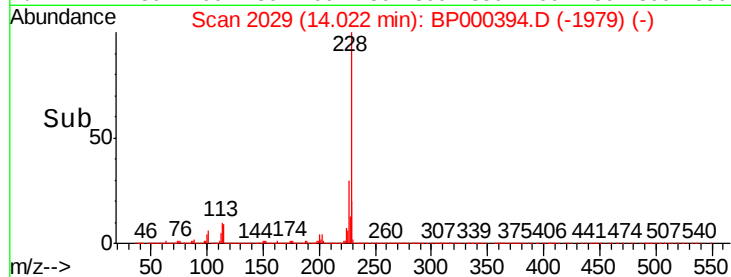
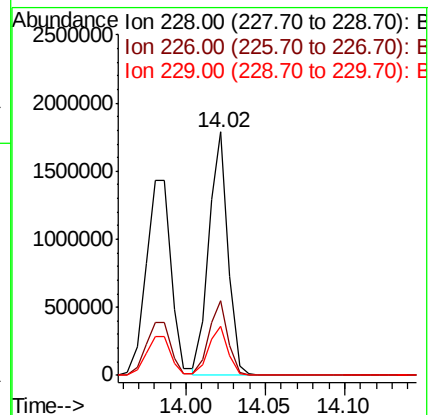
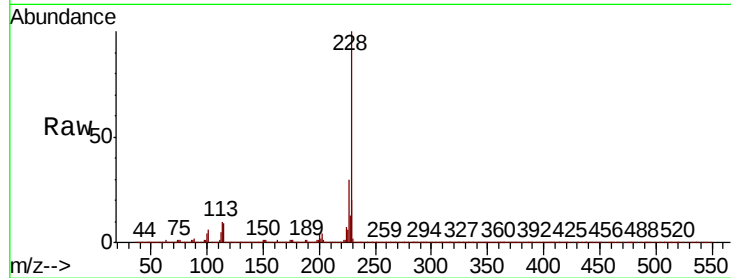
Tot Ion:228 Resp: 1519008

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	20.0	16.2	24.2

228 100

226 30.4 24.9 37.3

229 20.0 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.331 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

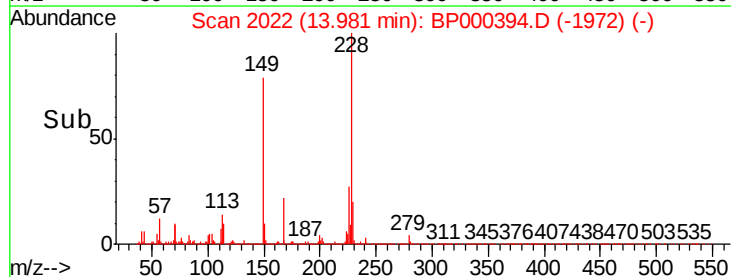
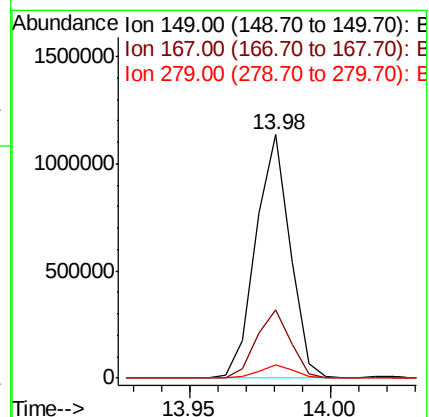
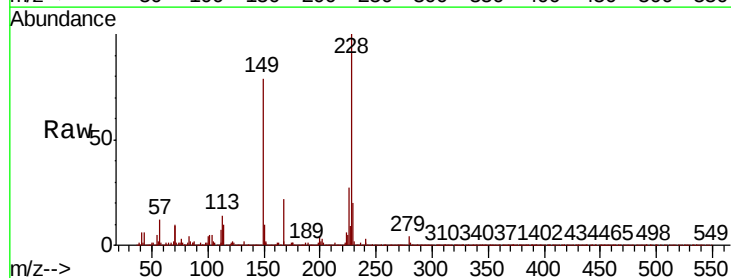
Tgt Ion:149 Resp: 955584

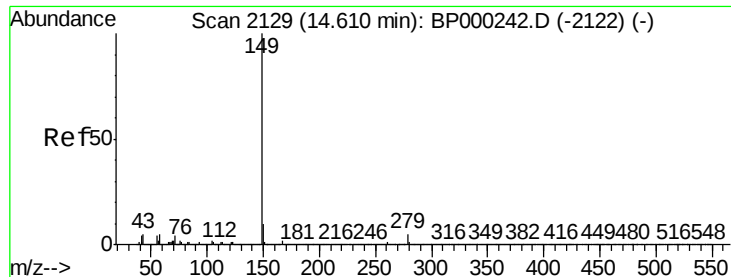
Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.0	34.4
279	5.4	3.7	5.5

149 100

167 28.1 23.0 34.4

279 5.4 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 40.188 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

Instrument :

BNA_P

ClientSampled :

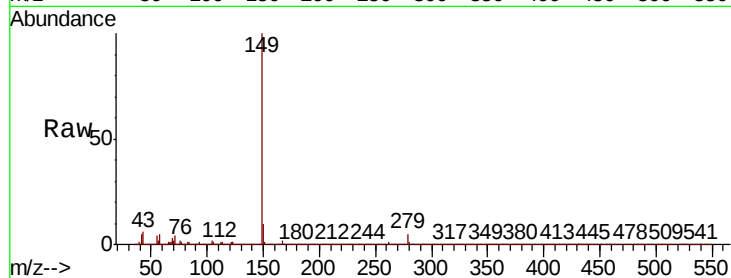
Tot Ion:149 Resp: 1809647

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

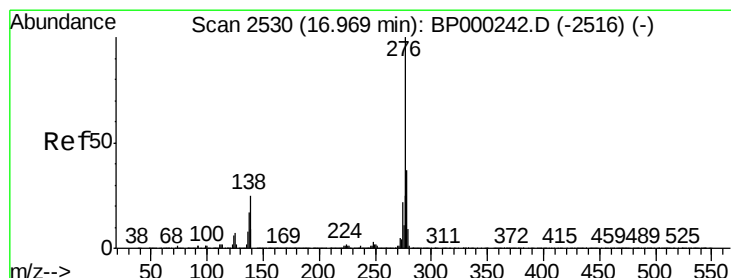
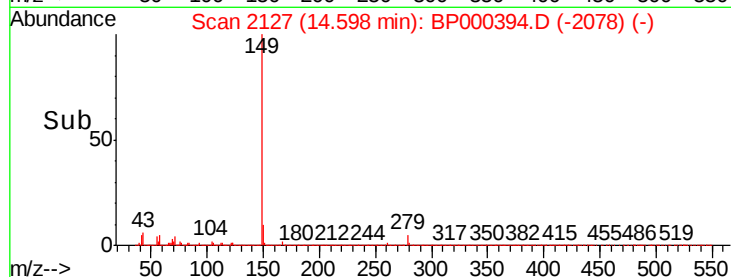
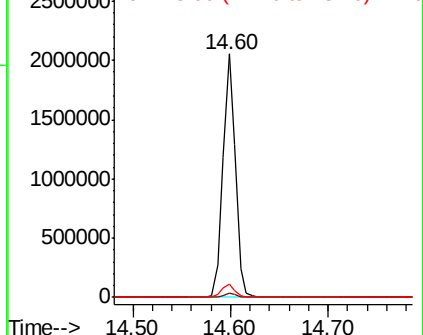
43 5.9 5.0 7.6



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: 44.755 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BP000394.D

Acq: 24 Sep 2019 19:25

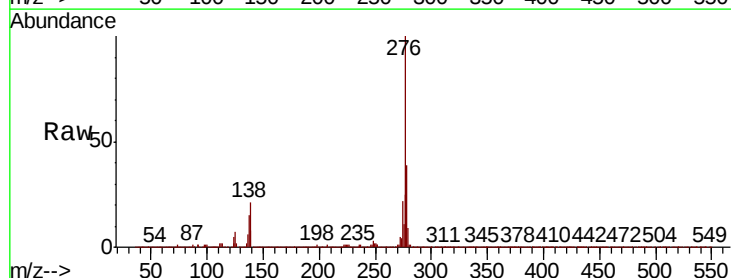
Tgt Ion:276 Resp: 1991941

Ion Ratio Lower Upper

276 100

138 23.6 22.6 33.8

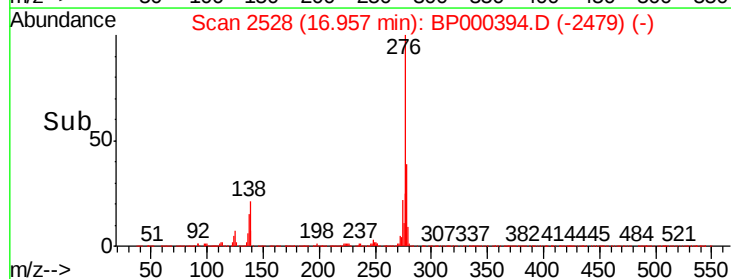
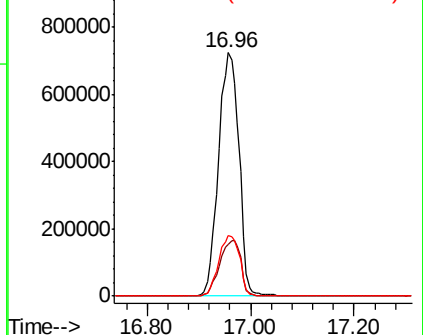
277 25.5 20.4 30.6

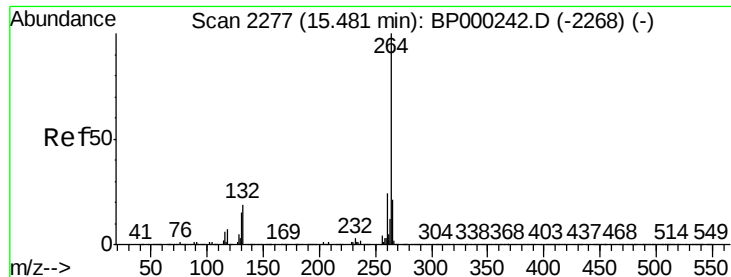


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

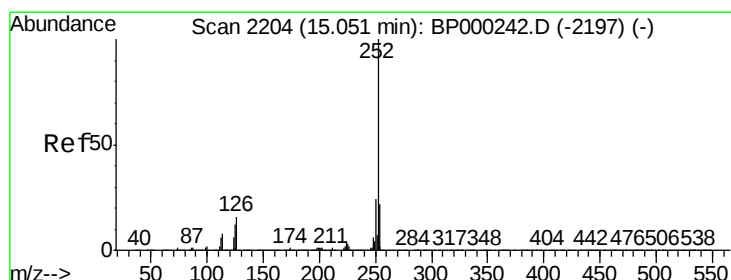
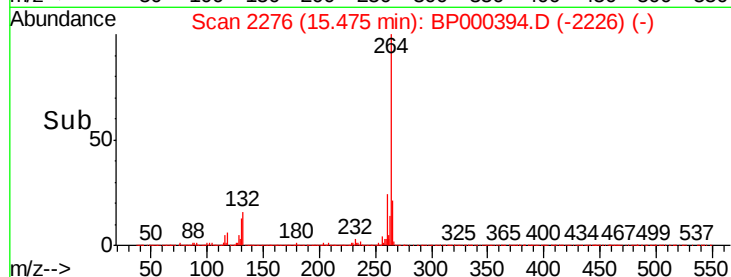
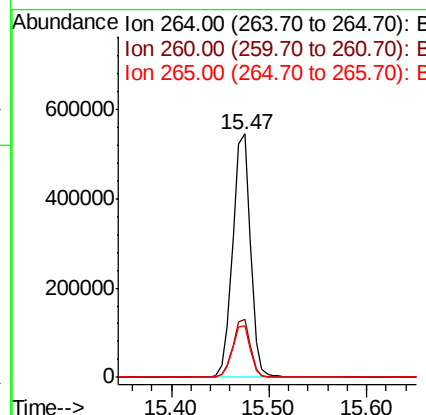
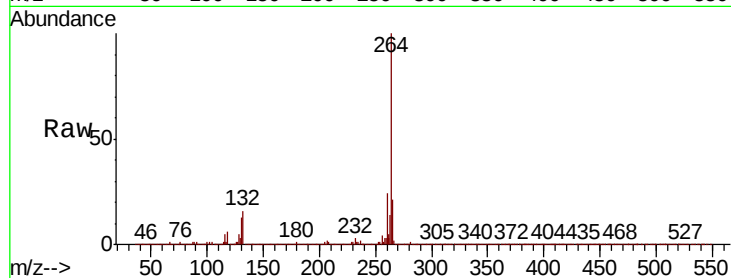




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

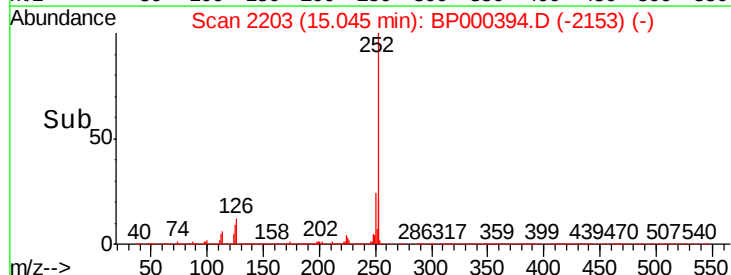
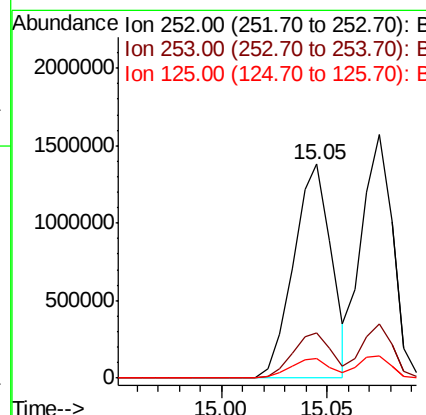
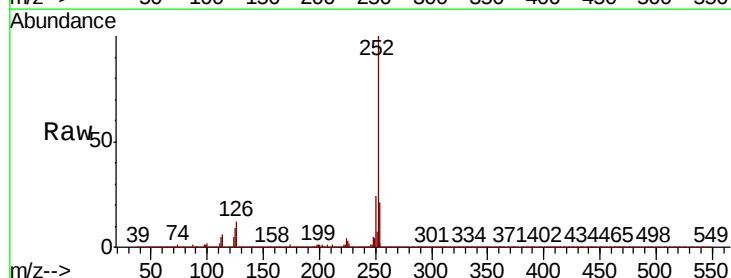
Instrument :
BNA_P
ClientSampleId :

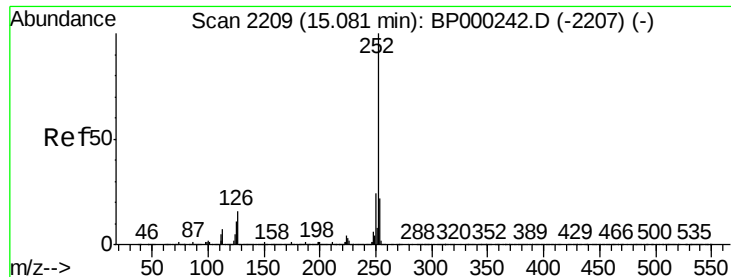
Tot Ion:264 Resp: 691053
Ion Ratio Lower Upper
264 100
260 23.9 18.9 28.3
265 21.3 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 41.862 ng
RT: 15.05 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Tgt Ion:252 Resp: 1725782
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 8.9 9.5 14.3#

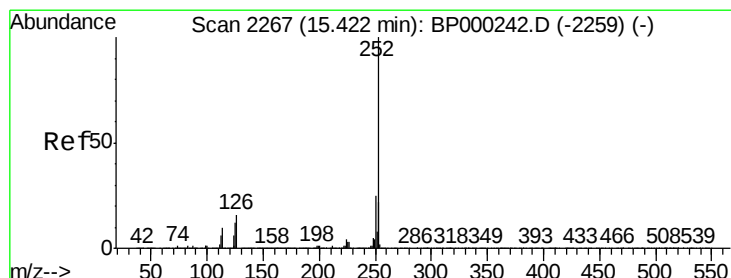
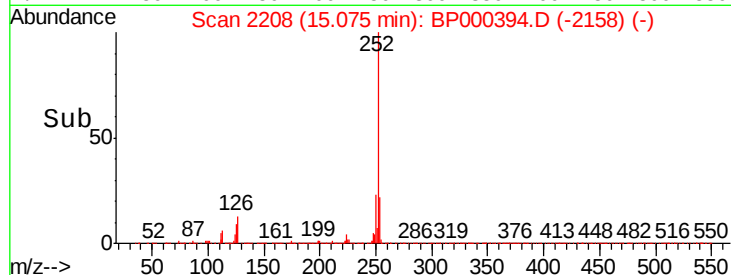
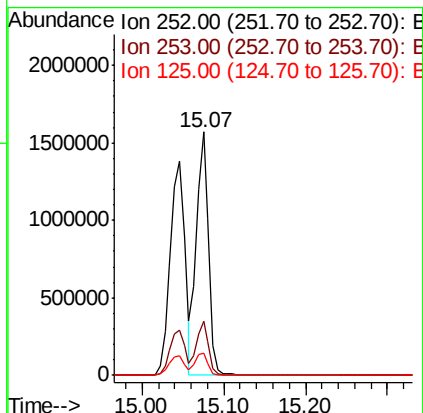
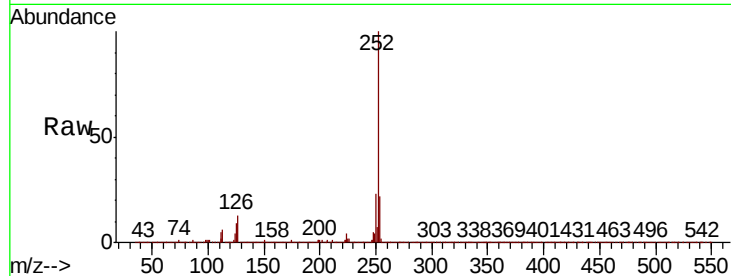




#89
Benzo(k)fluoranthene
Concen: 45.569 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

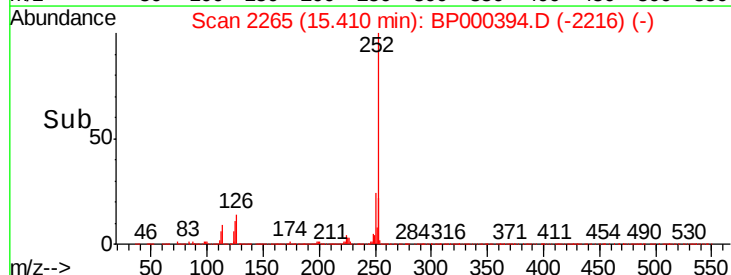
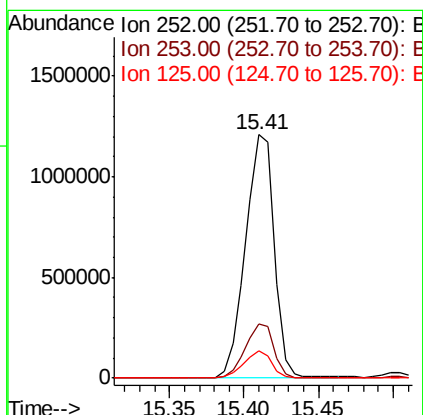
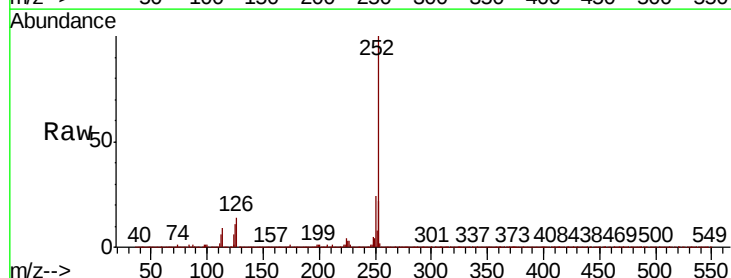
Instrument :
BNA_P
ClientSampleId :

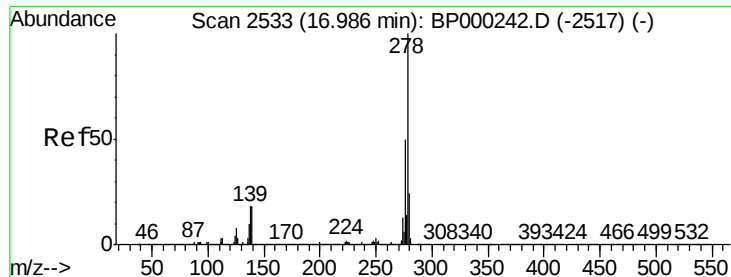
Tot Ion:252 Resp: 1638702
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 9.2 9.6 14.4#



#90
Benzo(a)pyrene
Concen: 42.894 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Tgt Ion:252 Resp: 1609052
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.1 10.0 15.0



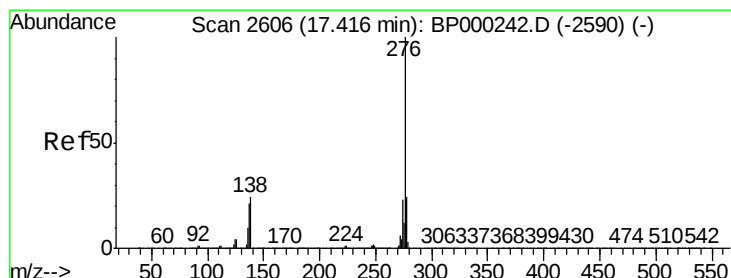
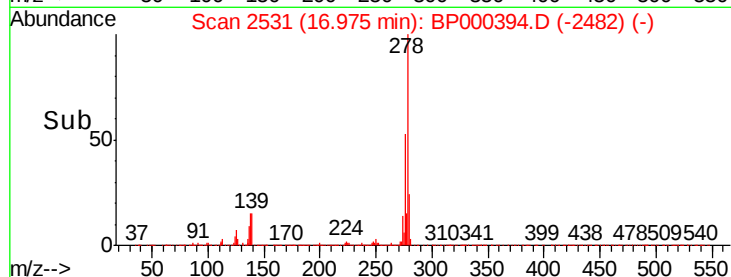
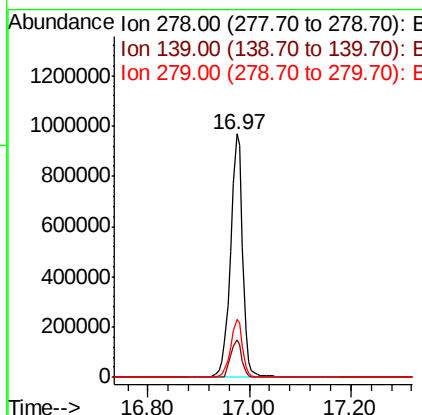
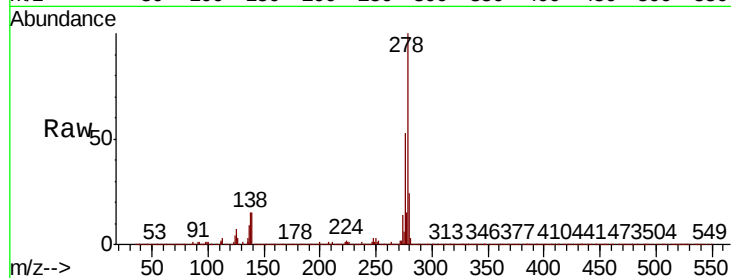


#91
Dibenzo(a,h)anthracene
Concen: 46.339 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 1620658

Ion	Ratio	Lower	Upper
278	100		
139	15.2	14.5	21.7
279	23.8	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 45.486 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BP000394.D
Acq: 24 Sep 2019 19:25

Tgt Ion:276 Resp: 1635156

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	20.4	19.5	29.3

