

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082820\
 Data File : BP003150.D
 Acq On : 28 Aug 2020 14:48
 Operator : CG/JU
 Sample : PB131271BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131271BS

Quant Time: Aug 28 16:32:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:32:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	297192	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	1193239	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	729961	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1531957	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1425877	20.00	ng	0.00
86) Perylene-d12	23.39	264	1555726	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1586388	94.38	ng	0.00
7) Phenol-d6	6.85	99	1853509	87.96	ng	0.00
23) Nitrobenzene-d5	8.81	82	1072449	64.79	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	911507	92.33	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3122680	62.65	ng	0.00
79) Terphenyl-d14	19.63	244	4138474	63.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	183327	28.528	ng	100
3) Pyridine	3.59	79	440425	26.042	ng	98
4) n-Nitrosodimethylamine	3.51	42	164878	37.334	ng	93
6) Aniline	6.99	93	762200	33.223	ng	100
8) 2-Chlorophenol	7.23	128	732769	39.103	ng	99
9) Benzaldehyde	6.80	77	317224	32.291	ng	99
10) Phenol	6.87	94	747254	38.267	ng	97
11) bis(2-Chloroethyl)ether	7.09	93	555481	35.940	ng	99
12) 1,3-Dichlorobenzene	7.55	146	792762	34.792	ng	99
13) 1,4-Dichlorobenzene	7.70	146	803662	34.937	ng	99
14) 1,2-Dichlorobenzene	8.01	146	769136	35.268	ng	99
15) Benzyl Alcohol	7.90	79	473882	39.915	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	447648	34.177	ng	99
17) 2-Methylphenol	8.11	107	545569	39.218	ng	99
18) Hexachloroethane	8.74	117	265197	35.240	ng	97
19) n-Nitroso-di-n-propylamine	8.47	70	351320	36.903	ng	99
20) 3+4-Methylphenols	8.44	107	727960	38.838	ng	99
22) Acetophenone	8.47	105	904415	34.035	ng	# 99
24) Nitrobenzene	8.85	77	571278	35.140	ng	99
25) Isophorone	9.37	82	1079211	36.954	ng	99
26) 2-Nitrophenol	9.56	139	379508	39.166	ng	97
27) 2,4-Dimethylphenol	9.63	122	636065	43.666	ng	97
28) bis(2-Chloroethoxy)methane	9.86	93	717687	32.994	ng	99
29) 2,4-Dichlorophenol	10.10	162	688499	38.097	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	730972	33.971	ng	99
31) Naphthalene	10.49	128	2116981	34.532	ng	100
32) Benzoic acid	9.80	122	345070	33.879	ng	98
33) 4-Chloroaniline	10.60	127	511883	19.984	ng	98
34) Hexachlorobutadiene	10.79	225	432941	33.525	ng	99
35) Caprolactam	11.37	113	133765	24.631	ng	96
36) 4-Chloro-3-methylphenol	11.75	107	640062	37.932	ng	99
37) 2-Methylnaphthalene	12.11	142	1549155	35.325	ng	99
38) 1-Methylnaphthalene	12.33	142	1456729	34.948	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	767560	35.477	ng	99

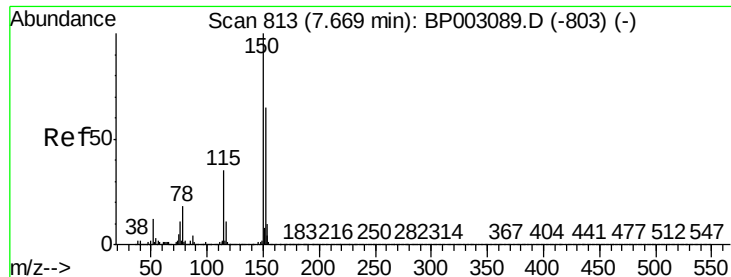
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	987848	96.589	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	535489	37.641	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	582228	38.692	ng	98
46) 1,1'-Biphenyl	13.13	154	1952328	35.657	ng	99
47) 2-Chloronaphthalene	13.17	162	1494454	33.345	ng	99
48) 2-Nitroaniline	13.37	65	300529	35.813	ng	96
49) Acenaphthylene	14.02	152	2434554	35.924	ng	100
50) Dimethylphthalate	13.77	163	1915464	34.410	ng	100
51) 2,6-Dinitrotoluene	13.88	165	428098	37.003	ng	99
52) Acenaphthene	14.37	154	1406896	33.791	ng	99
53) 3-Nitroaniline	14.20	138	317840	24.248	ng	97
54) 2,4-Dinitrophenol	14.42	184	391226	63.658	ng	98
55) Dibenzofuran	14.70	168	2251444	34.433	ng	99
56) 4-Nitrophenol	14.53	139	722977	76.667	ng	98
57) 2,4-Dinitrotoluene	14.67	165	588878	37.856	ng	99
58) Fluorene	15.36	166	1716983	34.088	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	511342	37.559	ng	99
60) Diethylphthalate	15.14	149	1891815	34.640	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	884097	33.989	ng	100
62) 4-Nitroaniline	15.37	138	435189	32.299	ng	98
63) Azobenzene	15.65	77	1266922	34.953	ng	98
65) 4,6-Dinitro-2-methylphenol	15.44	198	293746	40.094	ng	99
66) n-Nitrosodiphenylamine	15.57	169	1610357	35.950	ng	98
67) 4-Bromophenyl-phenylether	16.25	248	600821	35.536	ng	100
68) Hexachlorobenzene	16.37	284	692401	34.397	ng	97
69) Atrazine	16.53	200	518911	34.346	ng	99
70) Pentachlorophenol	16.72	266	823695	85.571	ng	99
71) Phenanthrene	17.10	178	2836296	34.168	ng	100
72) Anthracene	17.19	178	2898706	36.486	ng	100
73) Carbazole	17.46	167	2650381	34.761	ng	100
74) Di-n-butylphthalate	18.03	149	3204267	35.750	ng	100
75) Fluoranthene	19.08	202	3306100	34.459	ng	99
77) Benzidine	19.26	184	1464977	44.954	ng	99
78) Pyrene	19.43	202	3343552	36.130	ng	99
80) Butylbenzylphthalate	20.32	149	1461453	38.355	ng	94
81) Benzo(a)anthracene	21.14	228	3149344	35.261	ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	951063	28.949	ng	100
83) Chrysene	21.19	228	2934631	34.317	ng	100
84) Bis(2-ethylhexyl)phthalate	21.08	149	2037787	37.033	ng	99
85) Di-n-octyl phthalate	21.95	149	3550694	37.635	ng	100
87) Indeno(1,2,3-cd)pyrene	25.66	276	3506823	30.227	ng	98
88) Benzo(b)fluoranthene	22.72	252	3333721	34.477	ng	99
89) Benzo(k)fluoranthene	22.76	252	3103351	33.591	ng	99
90) Benzo(a)pyrene	23.29	252	2938193	32.754	ng	99
91) Dibenzo(a,h)anthracene	25.68	278	2926681	30.708	ng	99
92) Benzo(g,h,i)perylene	26.36	276	2935695	30.694	ng	99

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

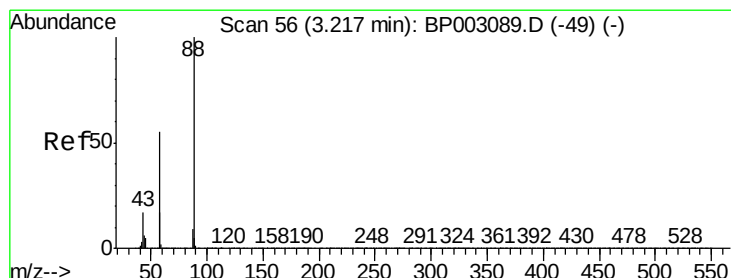
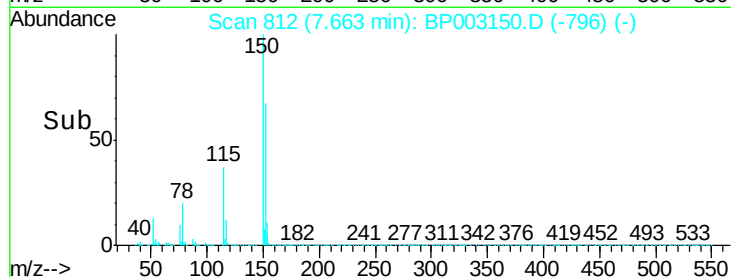
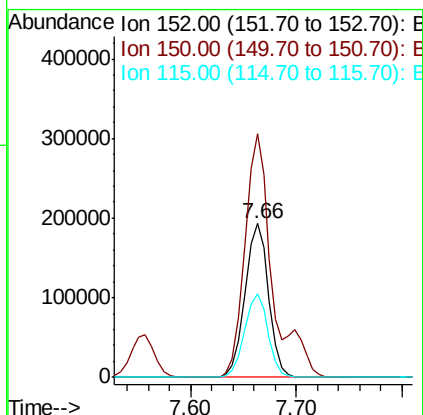
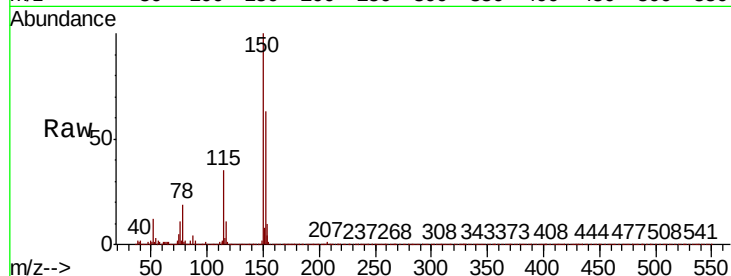


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

Instrument :
BNA_P
ClientSampleId :
PB131271BS

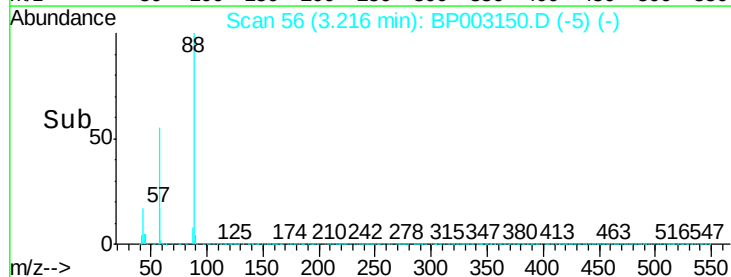
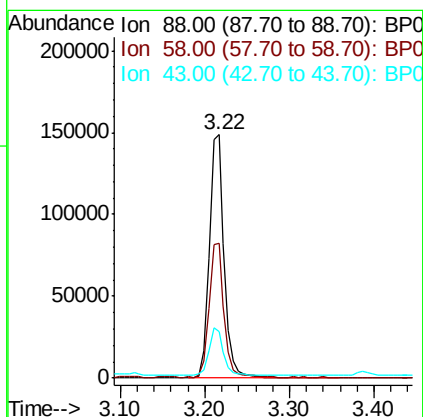
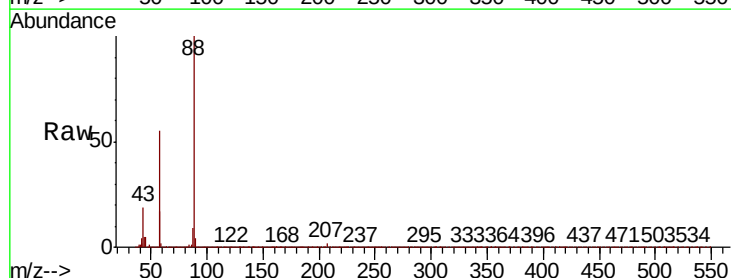
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.1	184.7
115	54.7	42.8	64.2

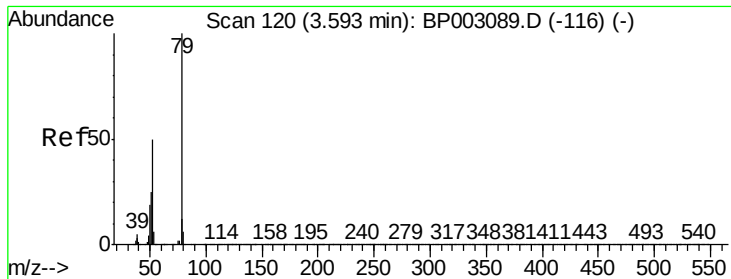


#2

1,4-Dioxane
Concen: 28.528 ng
RT: 3.22 min Scan# 56
Delta R.T. -0.00 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.5	44.3	66.5
43	18.6	14.3	21.5





#3

Pvridine

Concen: 26.042 ng

RT: 3.59 min Scan# 120

Delta R.T. -0.00 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Instrument :

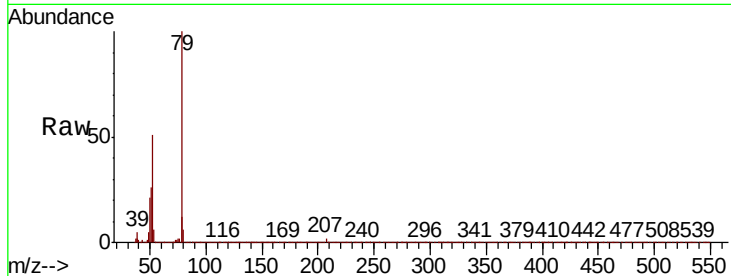
BNA_P

ClientSampleId :

PB131271BS

Tot Ion: 79 Resp: 440425

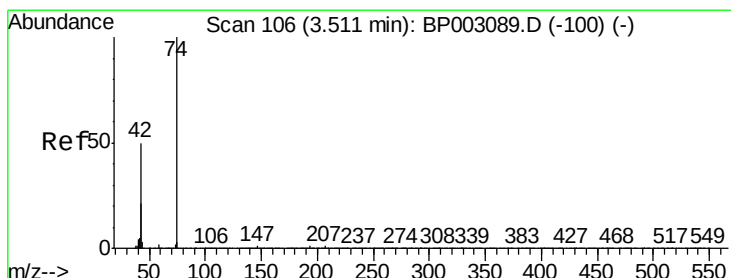
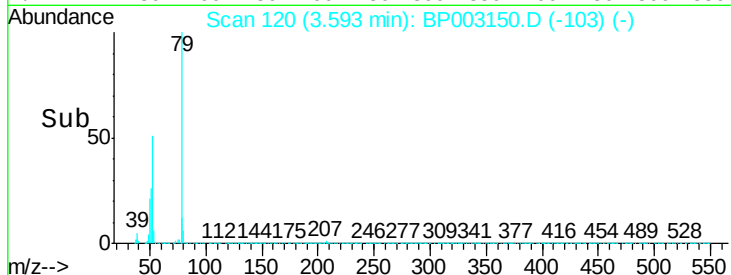
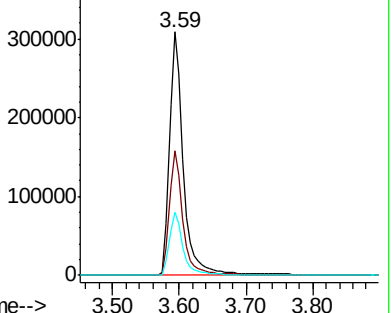
Ion	Ratio	Lower	Upper
79	100		
52	51.0	39.8	59.8
51	26.0	20.2	30.2



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: 37.334 ng

RT: 3.51 min Scan# 106

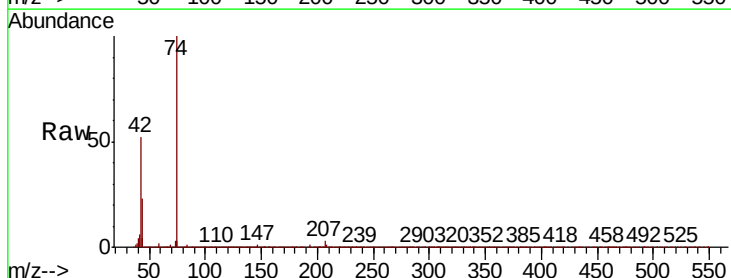
Delta R.T. -0.00 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Tgt Ion: 42 Resp: 164878

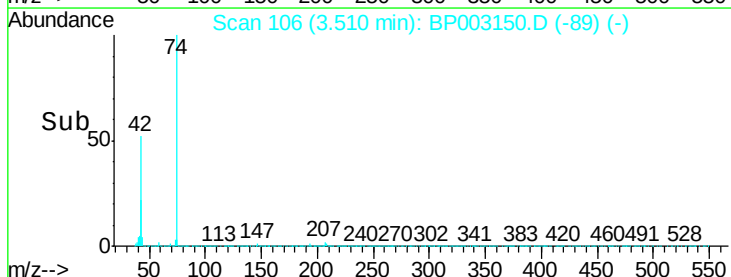
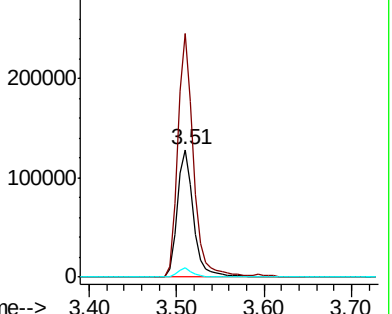
Ion	Ratio	Lower	Upper
42	100		
74	190.7	161.0	241.6
44	7.0	5.6	8.4

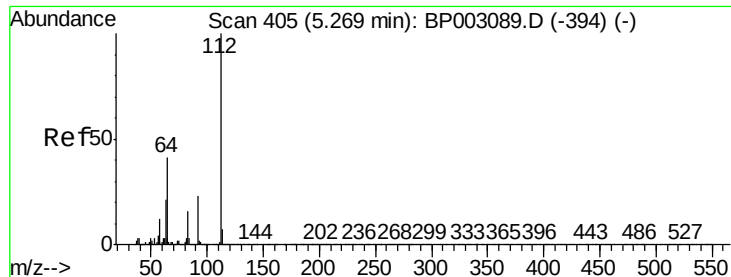


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 94.376 ng

RT: 5.27 min Scan# 406

Delta R.T. 0.01 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Instrument :

BNA_P

ClientSampleId :

PB131271BS

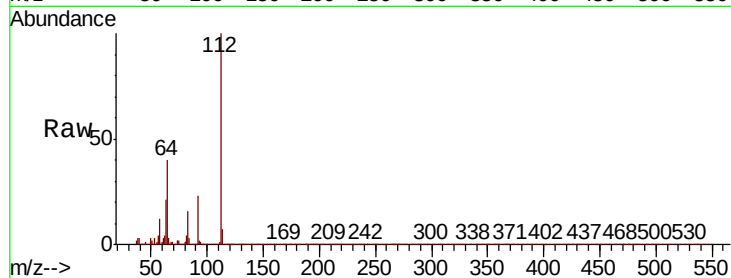
Tot Ion:112 Resp: 1586388

Ion Ratio Lower Upper

112 100

64 39.9 33.0 49.6

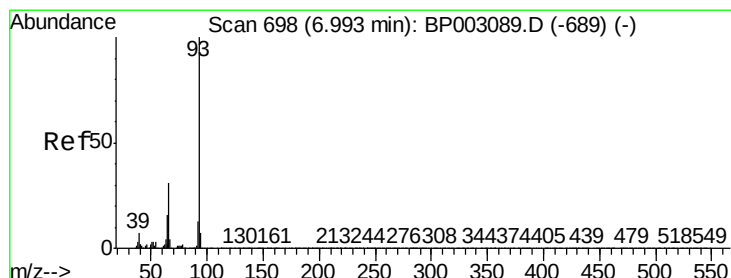
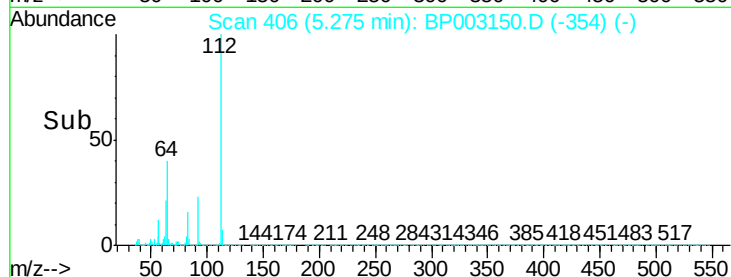
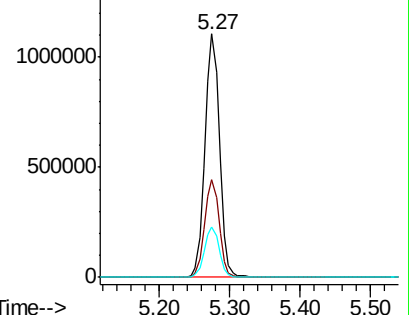
63 20.9 16.9 25.3



Abundance Ion 112.00 (111.70 to 112.70): E

1500000 Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 33.223 ng

RT: 6.99 min Scan# 698

Delta R.T. -0.00 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

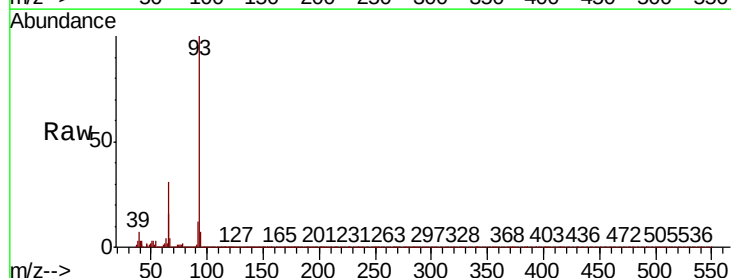
Tgt Ion: 93 Resp: 762200

Ion Ratio Lower Upper

93 100

66 31.0 25.0 37.4

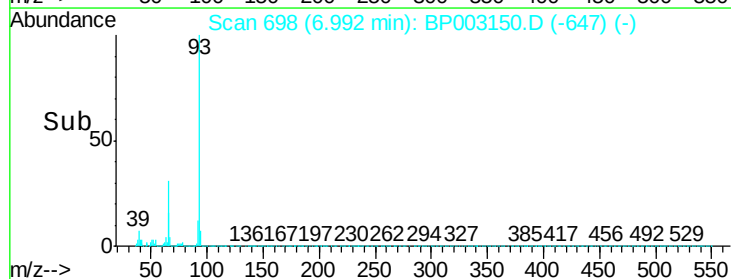
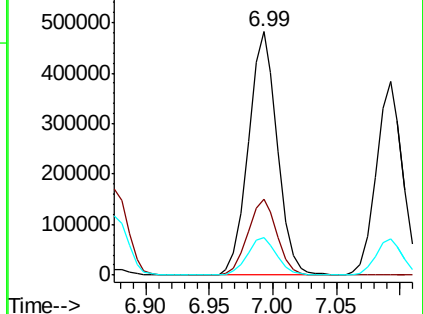
65 15.7 12.6 18.8

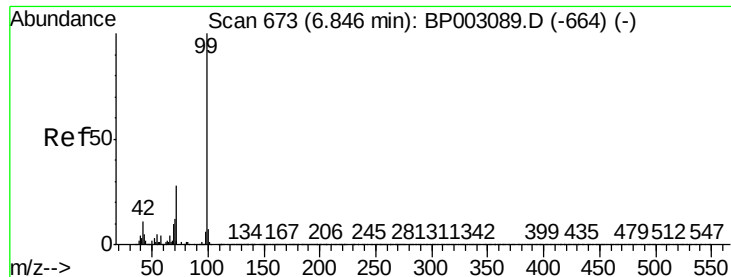


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 87.962 ng

RT: 6.85 min Scan# 674

Delta R.T. 0.01 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Instrument :

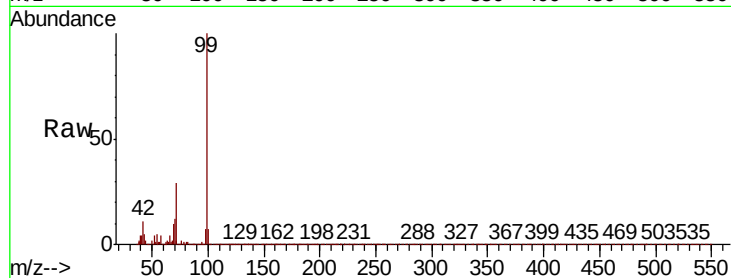
BNA_P

ClientSampleId :

PB131271BS

Tot Ion: 99 Resp: 1853509

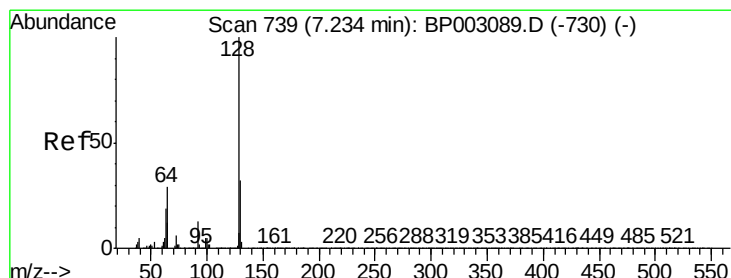
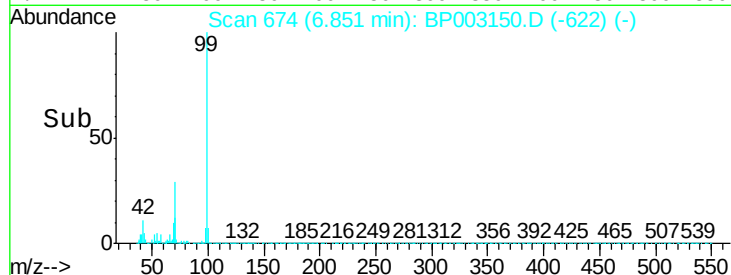
Ion	Ratio	Lower	Upper
99	100		
42	10.7	8.5	12.7
71	29.4	22.8	34.2



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: 39.103 ng

RT: 7.23 min Scan# 739

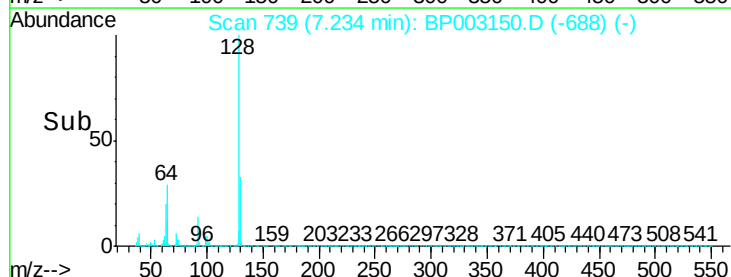
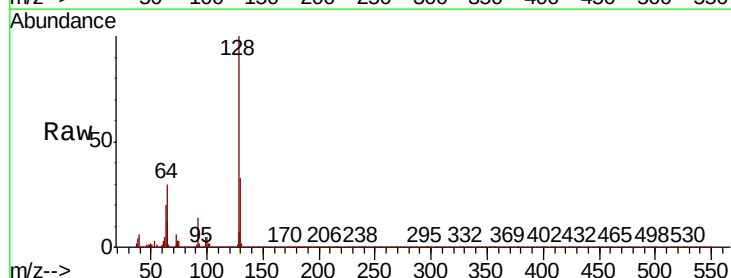
Delta R.T. -0.00 min

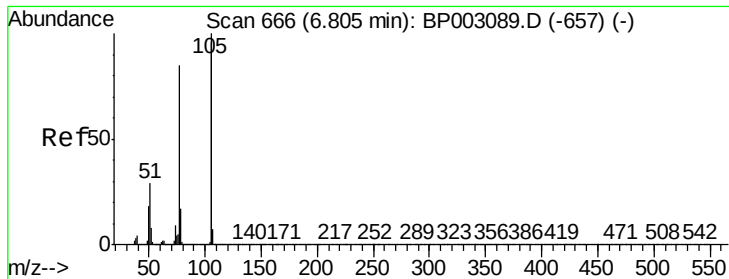
Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Tgt Ion: 128 Resp: 732769

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.2	52.2
64	29.5	9.7	49.7





#9

Benzaldehyde

Concen: 32.291 ng

RT: 6.80 min Scan# 666

Delta R.T. -0.00 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Instrument :

BNA_P

ClientSampleId :

PB131271BS

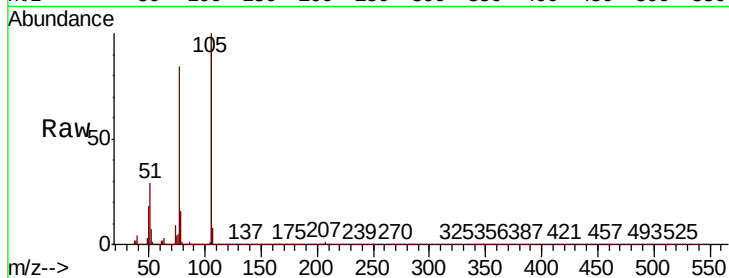
Tot Ion: 77 Resp: 317224

Ion Ratio Lower Upper

77 100

105 118.7 98.3 138.3

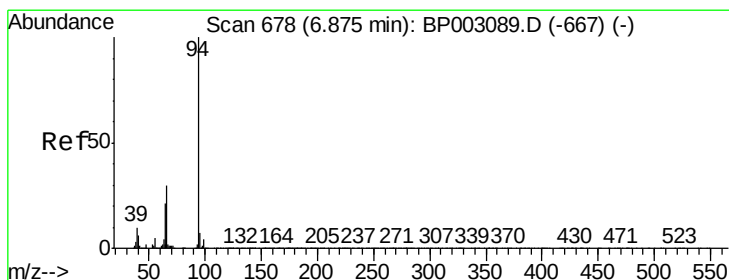
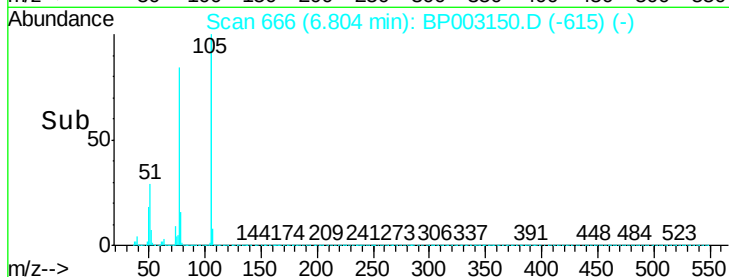
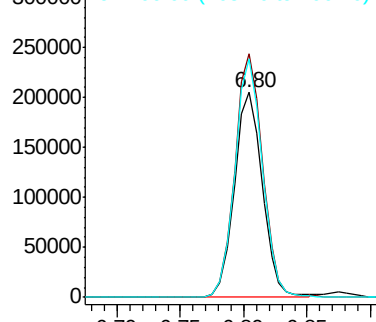
106 116.0 93.9 133.9



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 38.267 ng

RT: 6.87 min Scan# 678

Delta R.T. -0.00 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

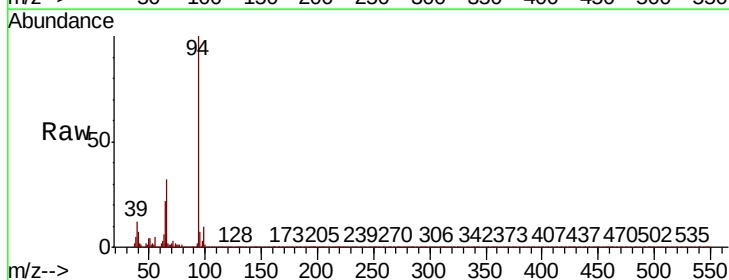
Tgt Ion: 94 Resp: 747254

Ion Ratio Lower Upper

94 100

65 21.9 1.0 41.0

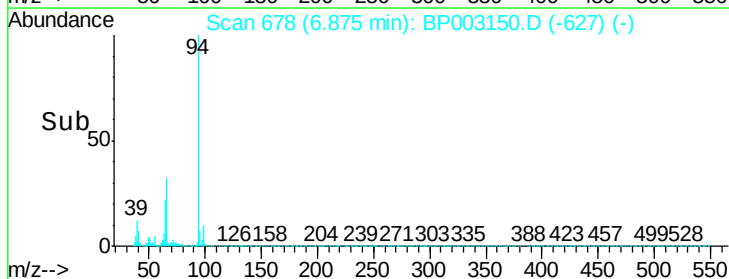
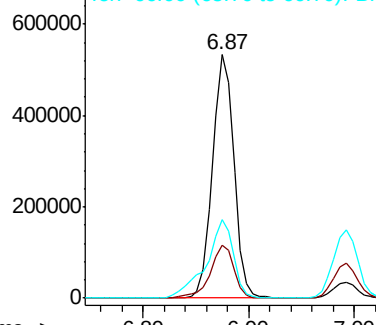
66 32.1 9.7 49.7

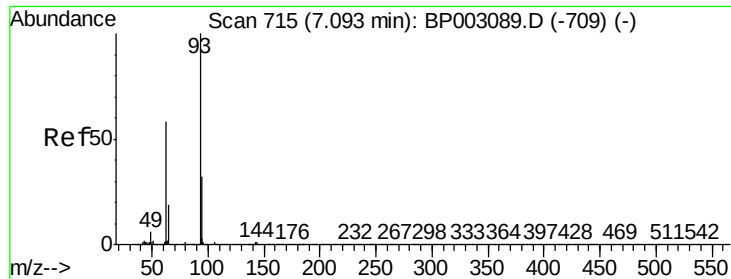


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

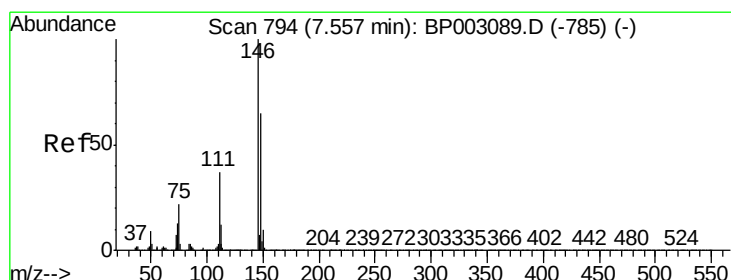
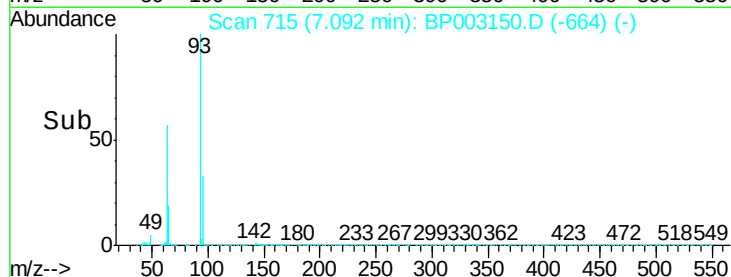
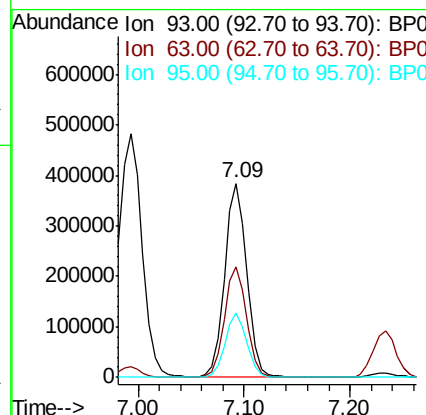
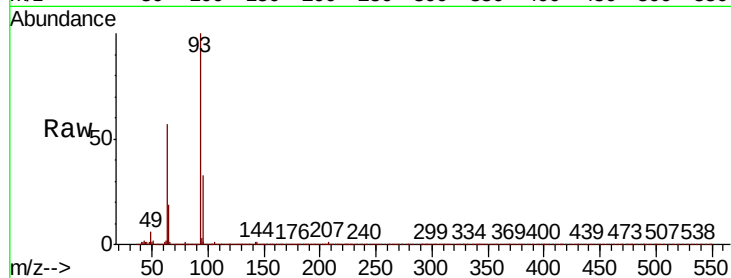




#11
bis(2-Chloroethyl)ether
Concen: 35.940 ng
RT: 7.09 min Scan# 715
Delta R.T. -0.00 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

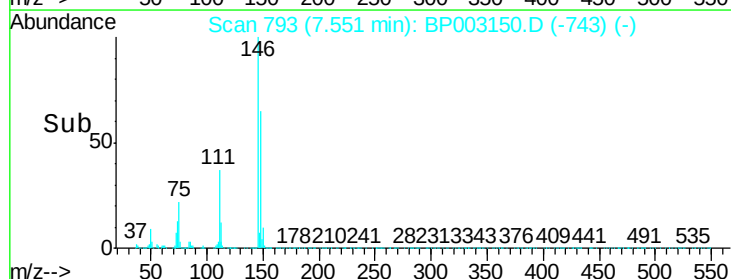
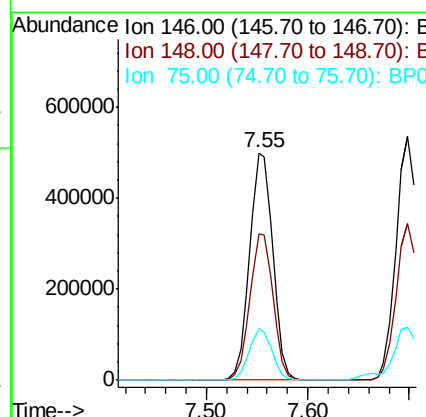
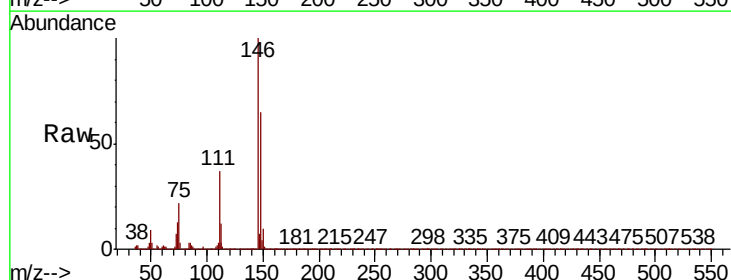
Instrument :
BNA_P
ClientSampleId :
PB131271BS

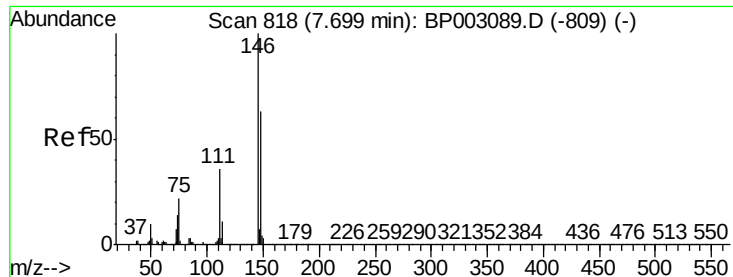
Tot Ion	93	Resp	555481
Ion Ratio	100	Lower	Upper
93	100		
63	57.3	37.8	77.8
95	33.0	12.0	52.0



#12
1,3-Dichlorobenzene
Concen: 34.792 ng
RT: 7.55 min Scan# 793
Delta R.T. -0.01 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

Tgt Ion	146	Resp	792762
Ion Ratio	100	Lower	Upper
146	100		
148	64.5	51.8	77.6
75	22.5	17.4	26.2

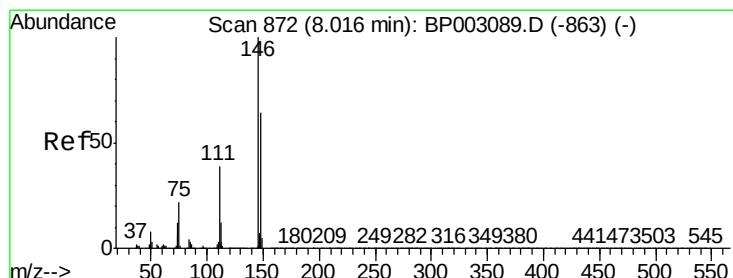
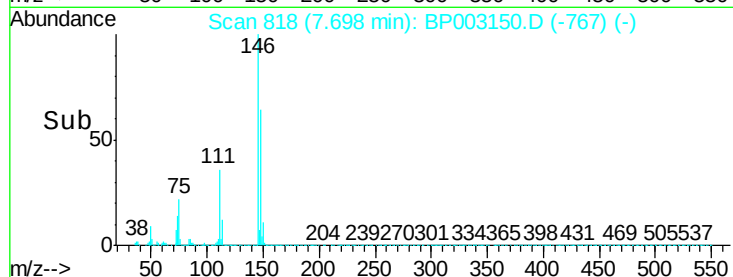
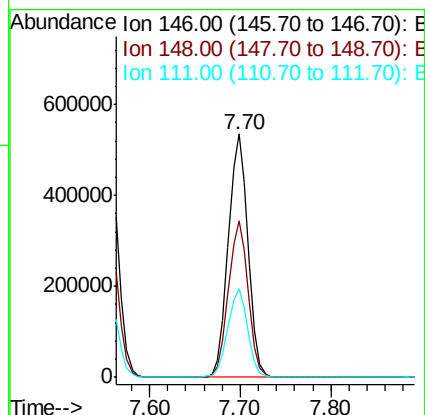
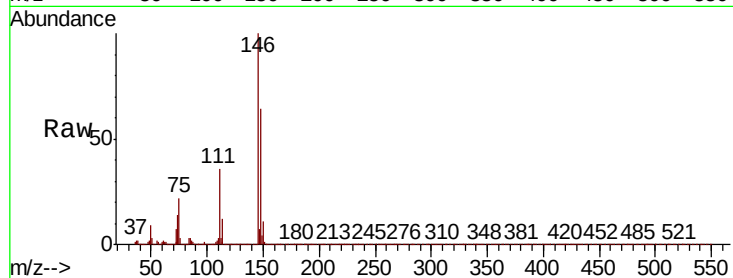




#13
1,4-Dichlorobenzene
Concen: 34.937 ng
RT: 7.70 min Scan# 818
Delta R.T. -0.00 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

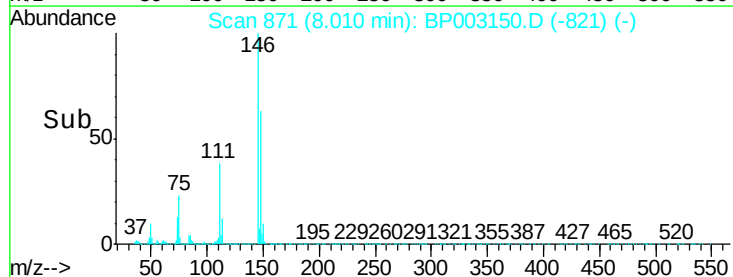
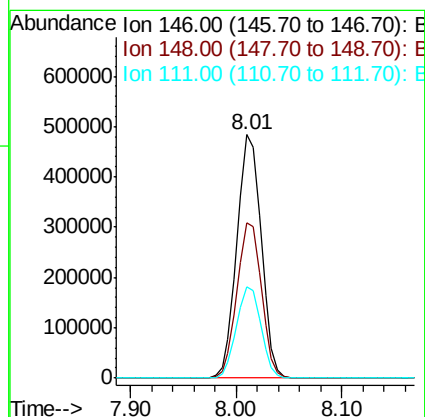
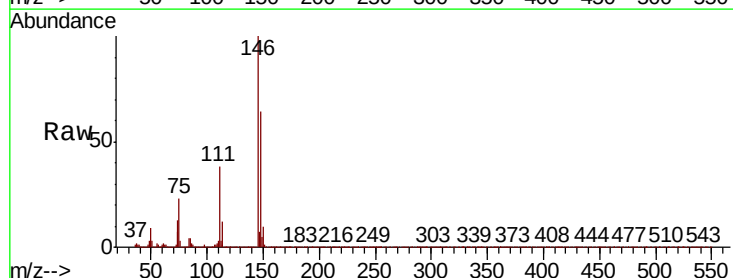
Instrument :
BNA_P
ClientSampleId :
PB131271BS

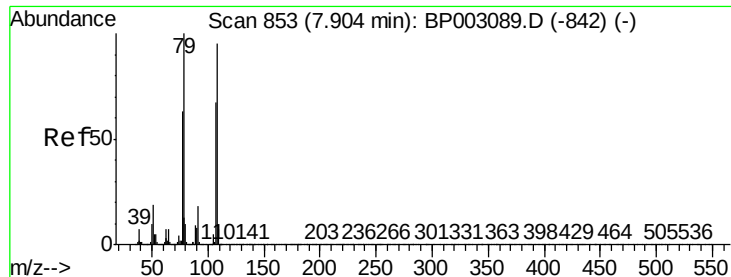
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	75.8
111	36.4	28.5	42.7



#14
1,2-Dichlorobenzene
Concen: 35.268 ng
RT: 8.01 min Scan# 871
Delta R.T. -0.01 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.2
111	37.5	31.0	46.4

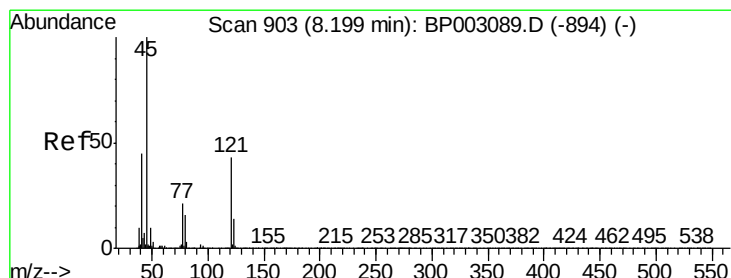
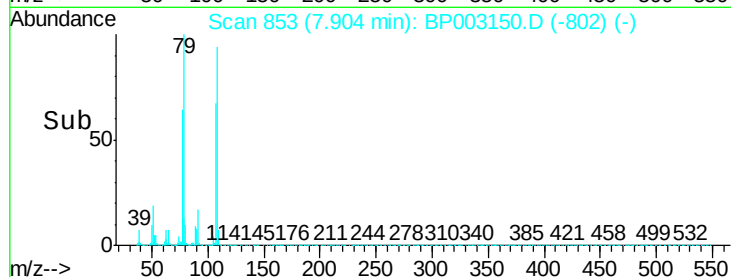
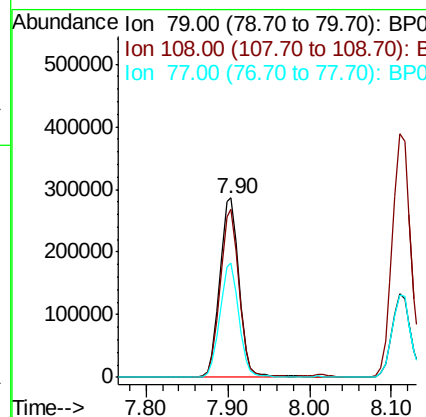
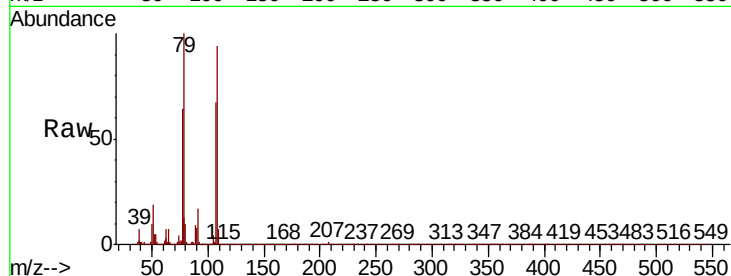




#15
Benzyl Alcohol
Concen: 39.915 ng
RT: 7.90 min Scan# 853
Delta R.T. -0.00 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

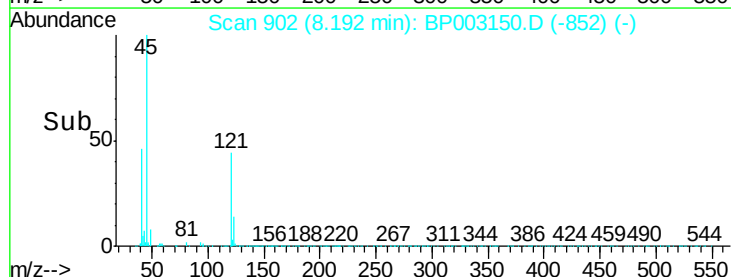
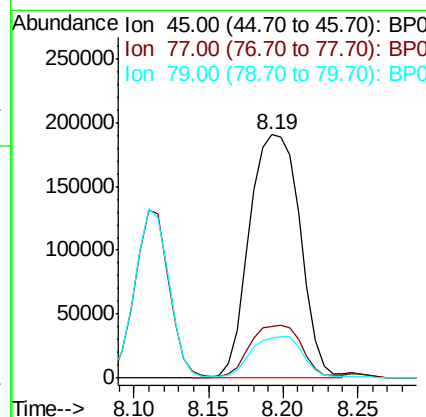
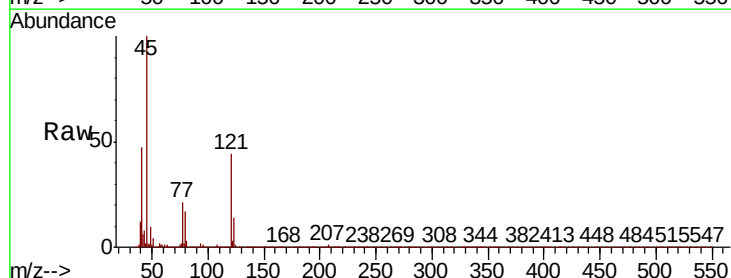
Instrument :
BNA_P
ClientSampleId :
PB131271BS

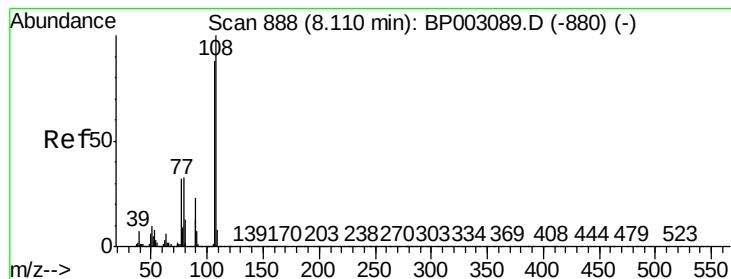
Tot Ion: 79 Resp: 473882
Ion Ratio Lower Upper
79 100
108 93.8 75.7 113.5
77 63.5 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.177 ng
RT: 8.19 min Scan# 902
Delta R.T. -0.01 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

Tgt Ion: 45 Resp: 447648
Ion Ratio Lower Upper
45 100
77 21.1 1.6 41.6
79 16.7 0.0 36.7





#17

2-Methylphenol

Concen: 39.218 ng

RT: 8.11 min Scan# 888

Delta R.T. -0.00 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Instrument :

BNA_P

ClientSampleId :

PB131271BS

Tot Ion:107 Resp: 545569

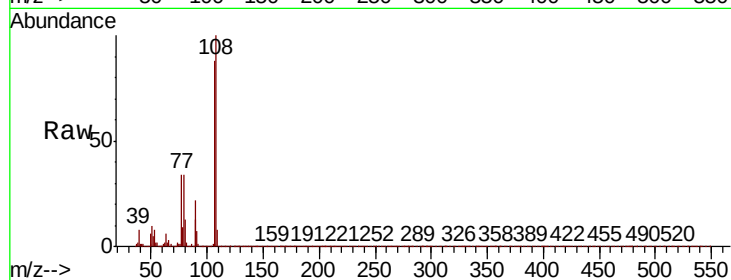
Ion Ratio Lower Upper

107 100

108 113.3 90.8 136.2

77 38.4 29.4 44.2

79 38.7 30.0 45.0

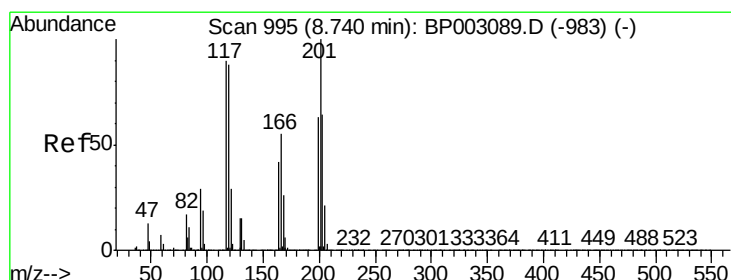
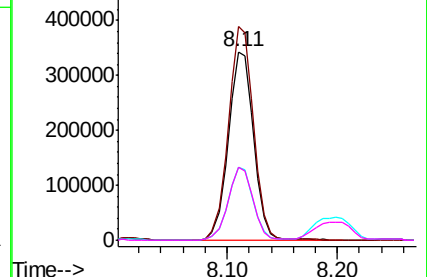
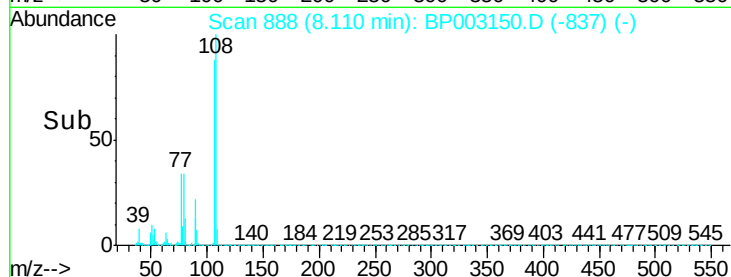


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.240 ng

RT: 8.74 min Scan# 995

Delta R.T. -0.00 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

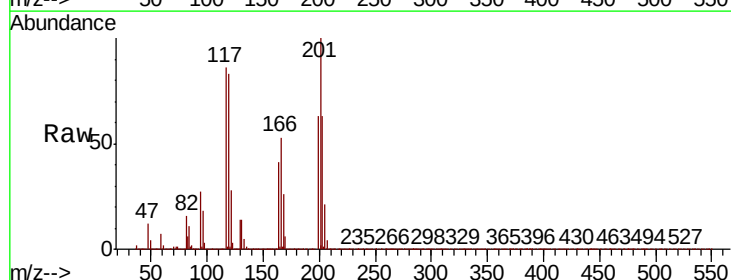
Tgt Ion:117 Resp: 265197

Ion Ratio Lower Upper

117 100

119 96.0 77.7 116.5

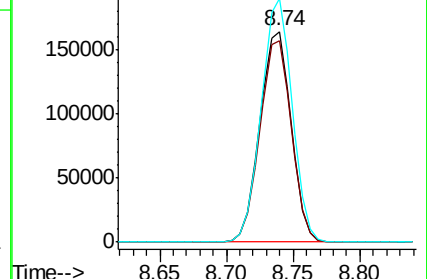
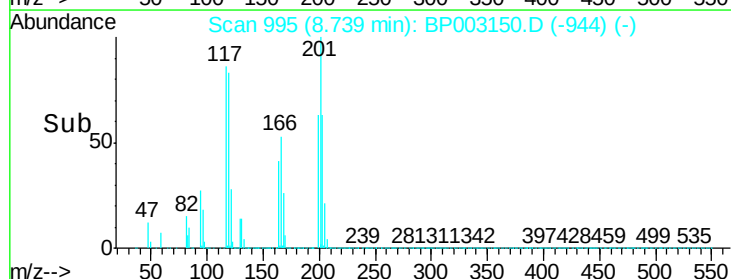
201 115.7 88.4 132.6

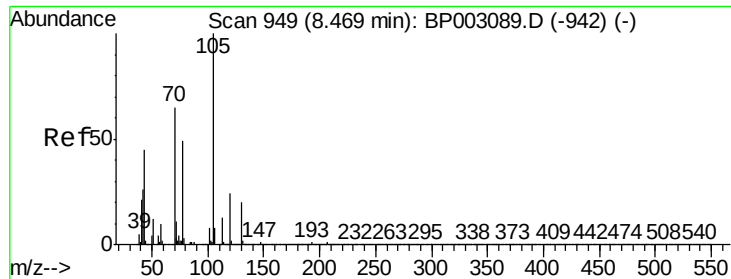


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

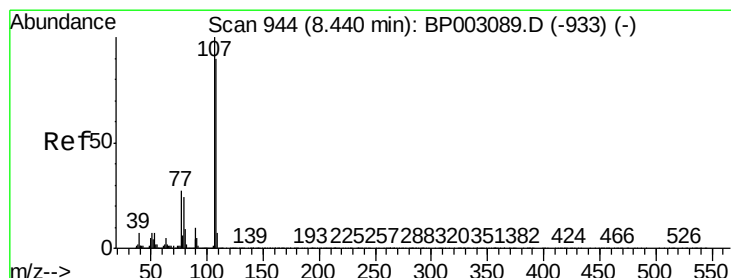
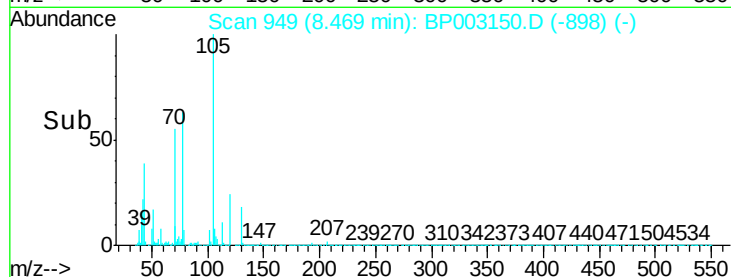
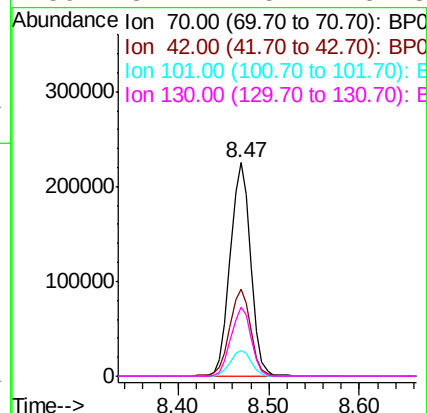
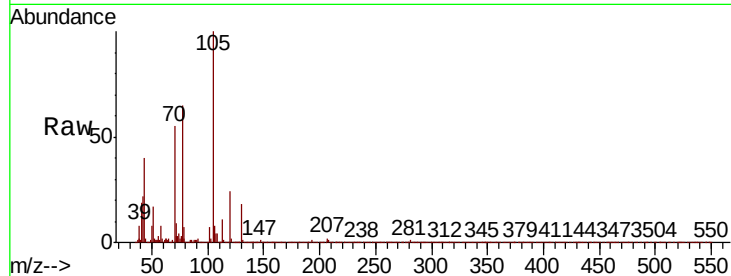




#19
n-Nitroso-di-n-propylamine
Concen: 36.903 ng
RT: 8.47 min Scan# 949
Delta R.T. -0.00 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

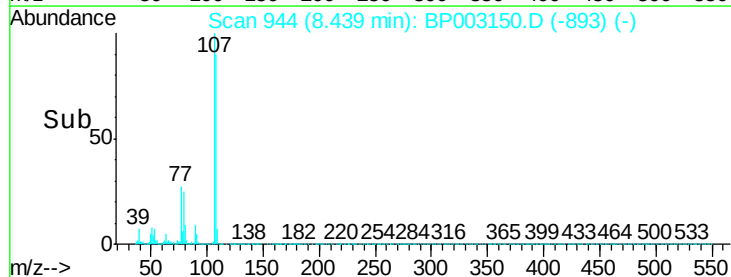
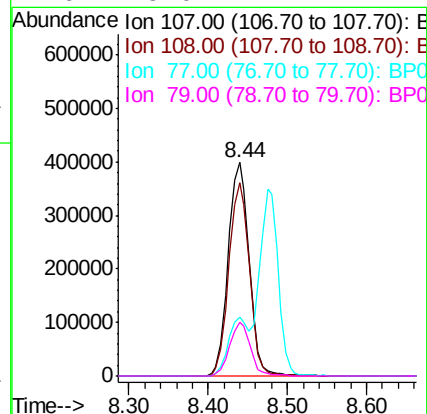
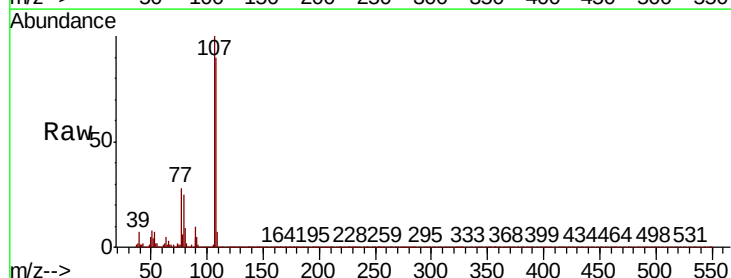
Instrument :
BNA_P
ClientSampleId :
PB131271BS

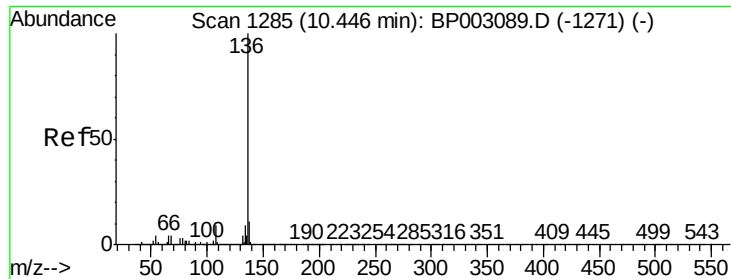
Tot Ion:	70	Resp:	351320
Ion	Ratio	Lower	Upper
70	100		
42	41.0	32.5	48.7
101	12.1	10.2	15.2
130	32.2	25.2	37.8



#20
3+4-Methylphenols
Concen: 38.838 ng
RT: 8.44 min Scan# 944
Delta R.T. -0.00 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

Tgt Ion:	107	Resp:	727960
Ion	Ratio	Lower	Upper
107	100		
108	90.4	69.7	109.7
77	27.6	7.2	47.2
79	25.0	4.4	44.4

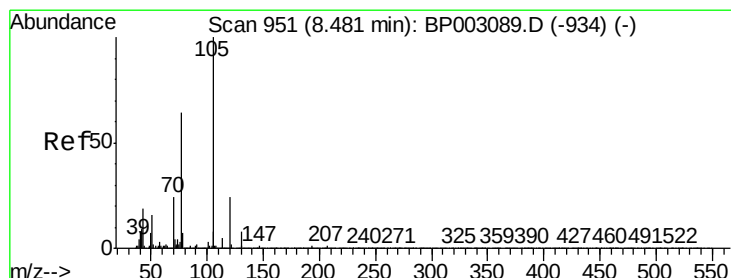
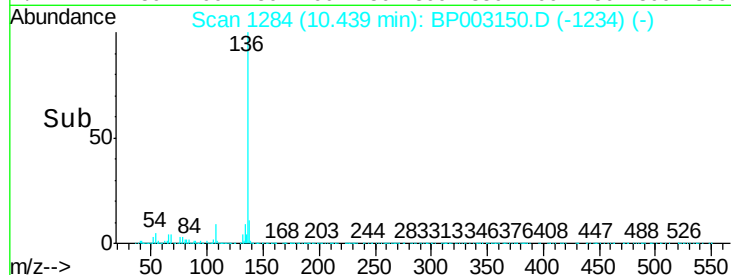
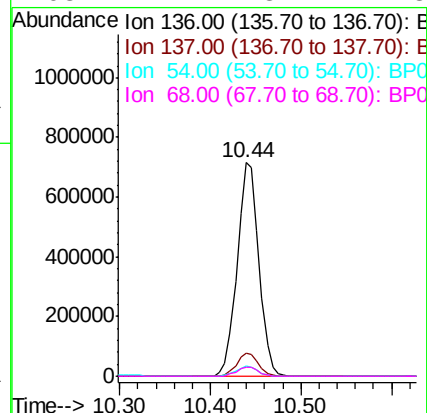
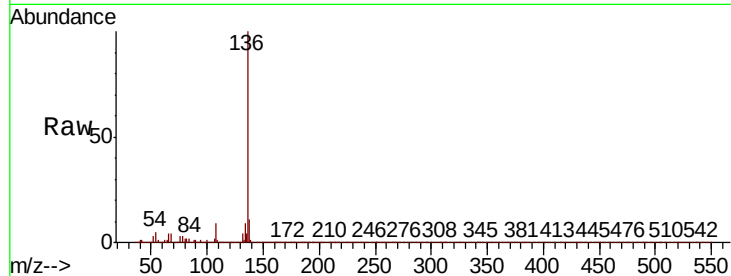




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

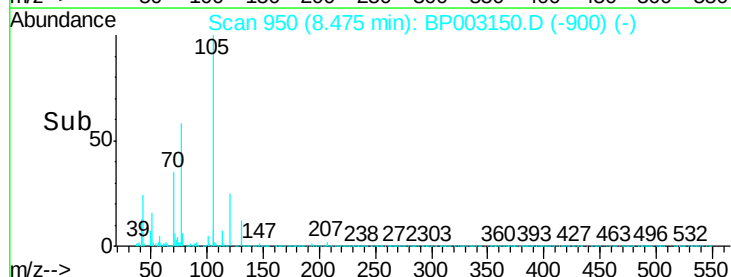
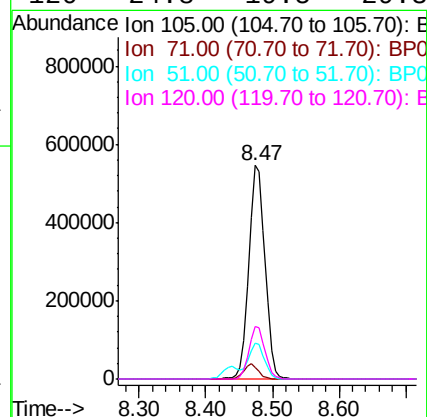
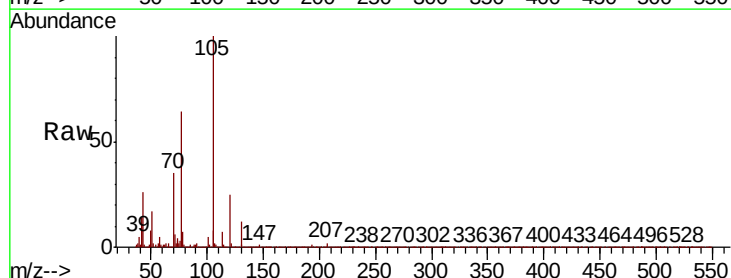
Instrument :
BNA_P
ClientSampleId :
PB131271BS

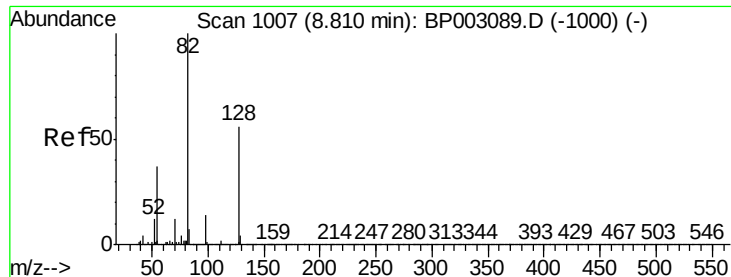
Tot Ion:136	Resp: 1193239
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 4.6	3.5 5.3
68 4.2	3.2 4.8



#22
Acetophenone
Concen: 34.035 ng
RT: 8.47 min Scan# 950
Delta R.T. -0.01 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

Tgt	Ion:105	Resp:	904415
Ion	Ratio	Lower	Upper
105	100		
71	5.6	3.1	4.7#
51	16.7	13.0	19.6
120	24.8	19.5	29.3

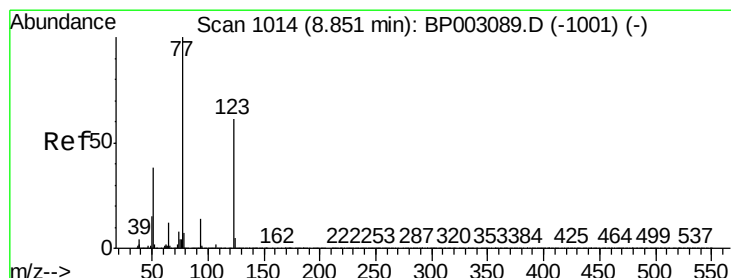
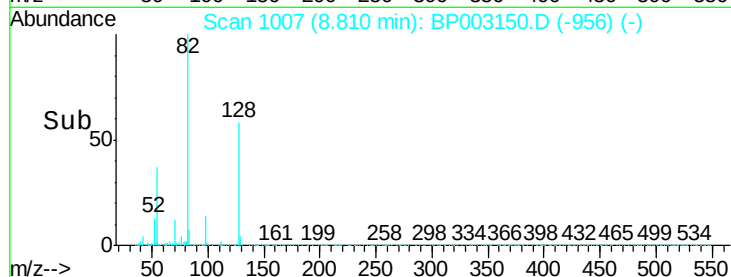
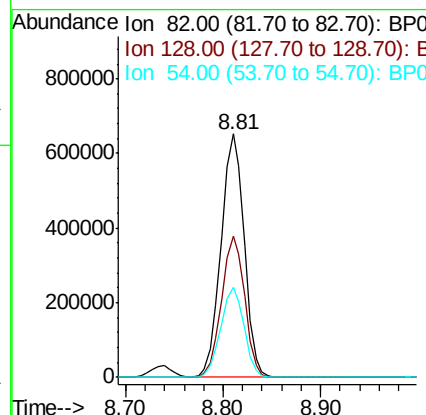
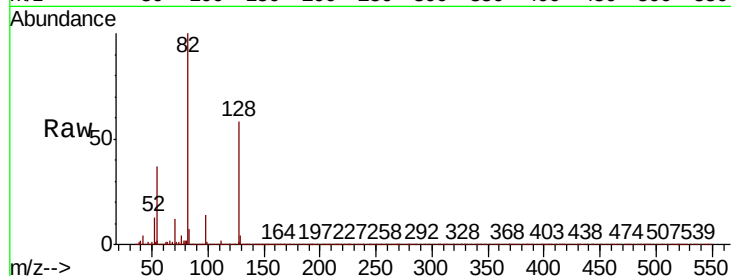




#23
Nitrobenzene-d5
Concen: 64.793 ng
RT: 8.81 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

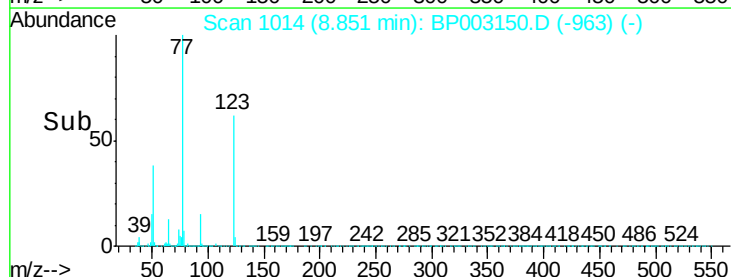
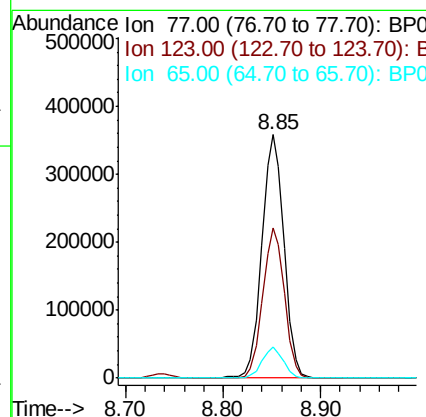
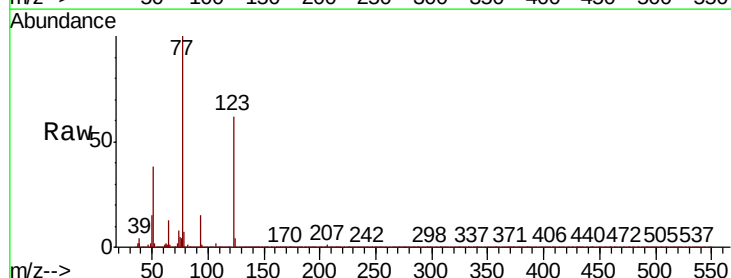
Instrument :
BNA_P
ClientSampleId :
PB131271BS

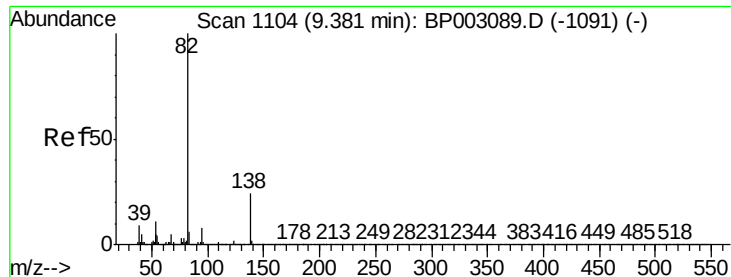
Tot Ion: 82 Resp: 1072449
Ion Ratio Lower Upper
82 100
128 58.1 44.9 67.3
54 37.2 29.4 44.2



#24
Nitrobenzene
Concen: 35.140 ng
RT: 8.85 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

Tgt Ion: 77 Resp: 571278
Ion Ratio Lower Upper
77 100
123 61.7 49.0 73.4
65 12.6 9.6 14.4





#25

Isophorone

Concen: 36.954 ng

RT: 9.37 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Instrument :

BNA_P

ClientSampleId :

PB131271BS

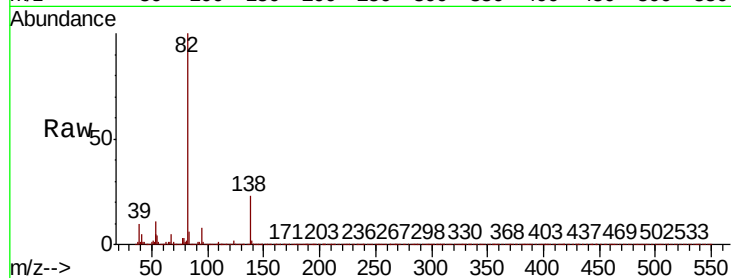
Tot Ion: 82 Resp: 1079211

Ion Ratio Lower Upper

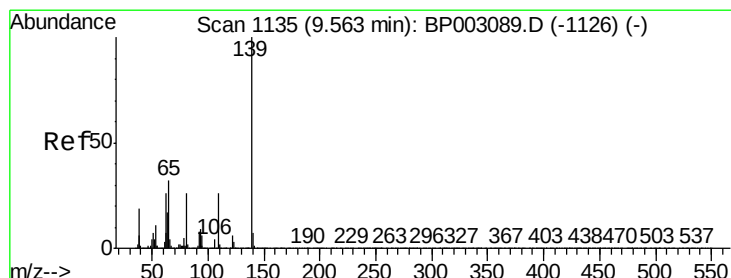
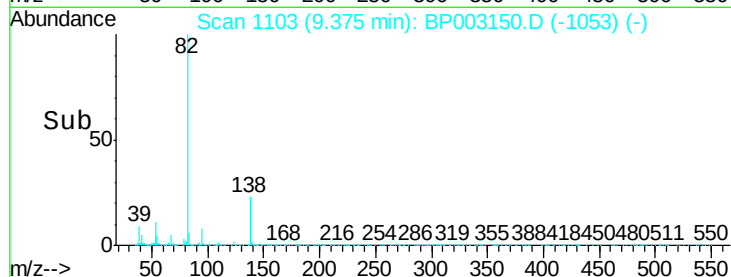
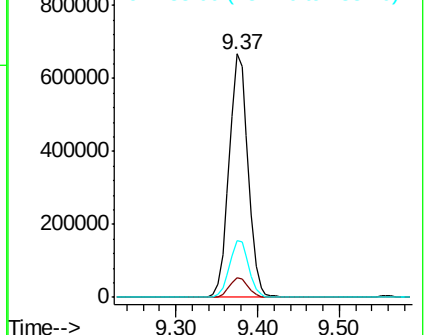
82 100

95 7.9 6.0 9.0

138 23.5 19.1 28.7



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: 39.166 ng

RT: 9.56 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

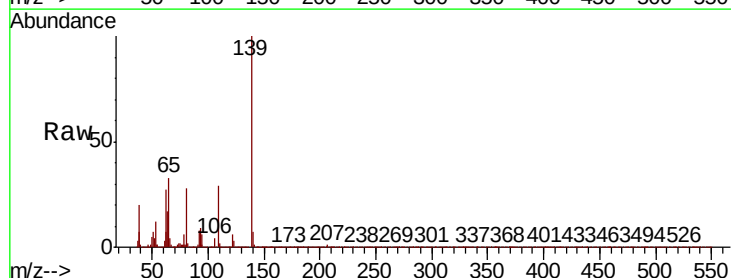
Tgt Ion: 139 Resp: 379508

Ion Ratio Lower Upper

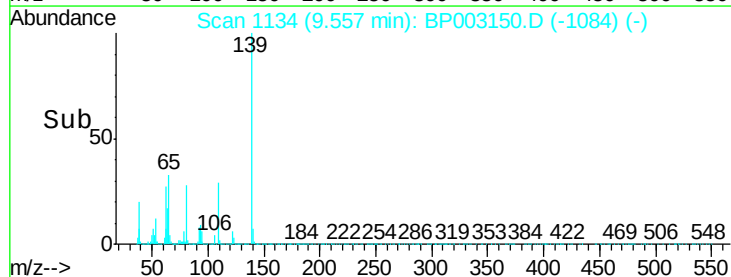
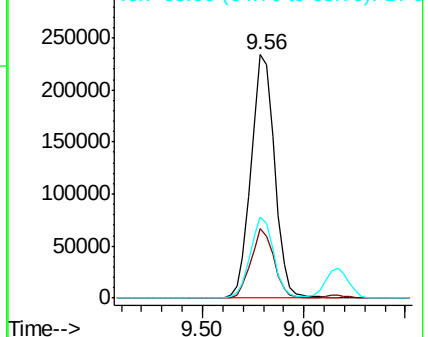
139 100

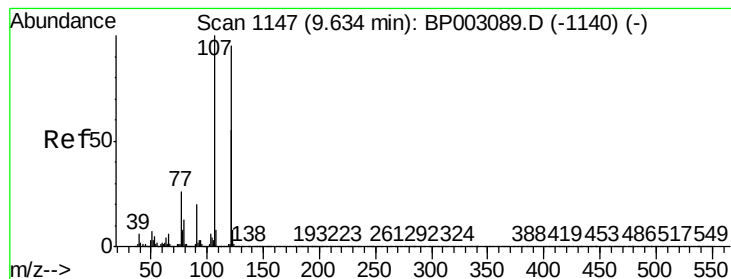
109 28.5 21.2 31.8

65 33.3 25.4 38.0



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: 43.666 ng

RT: 9.63 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Instrument :

BNA_P

ClientSampleId :

PB131271BS

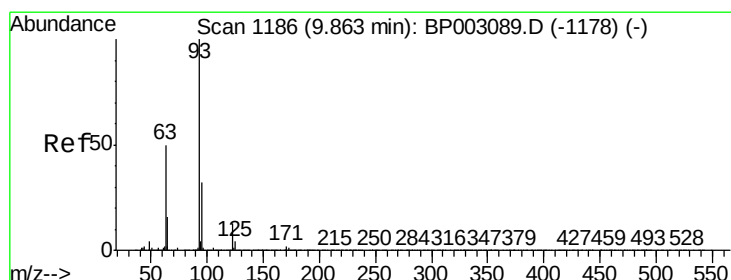
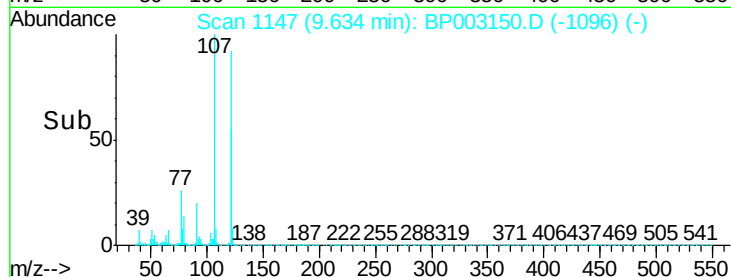
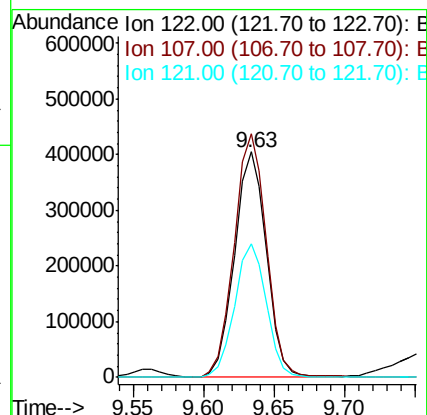
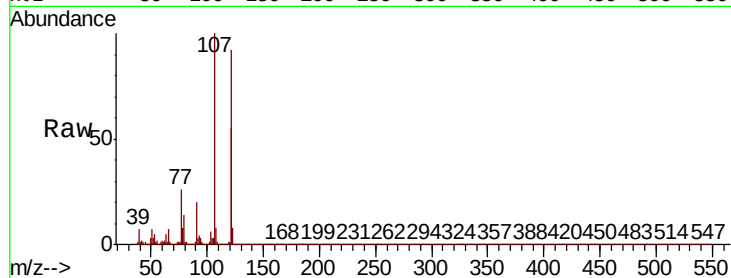
Tot Ion:122 Resp: 636065

Ion Ratio Lower Upper

122 100

107 108.2 84.3 126.5

121 59.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 32.994 ng

RT: 9.86 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

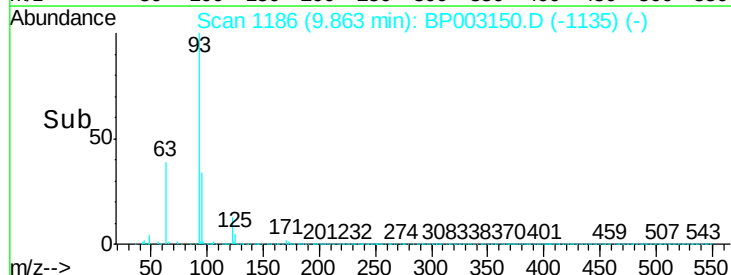
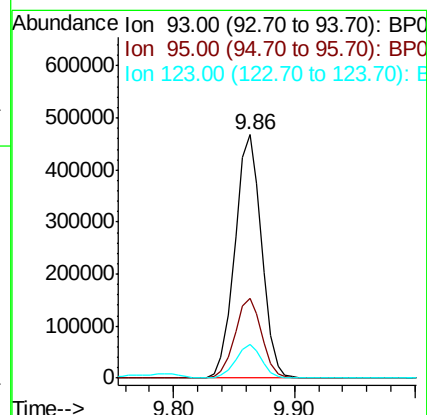
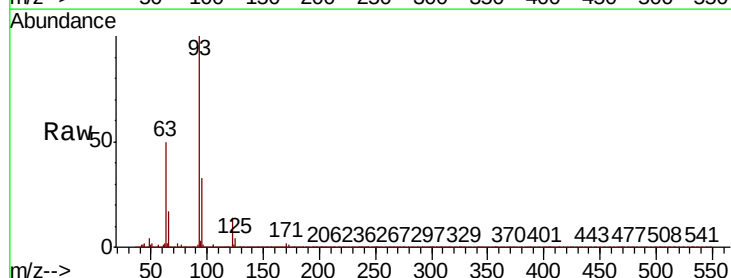
Tgt Ion: 93 Resp: 717687

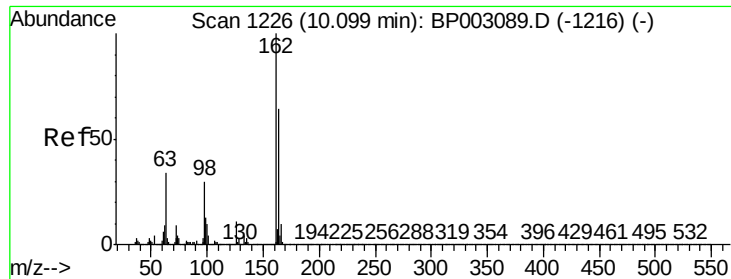
Ion Ratio Lower Upper

93 100

95 32.9 25.8 38.8

123 13.6 10.6 15.8

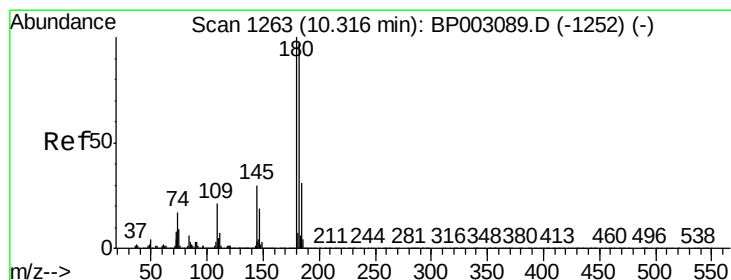
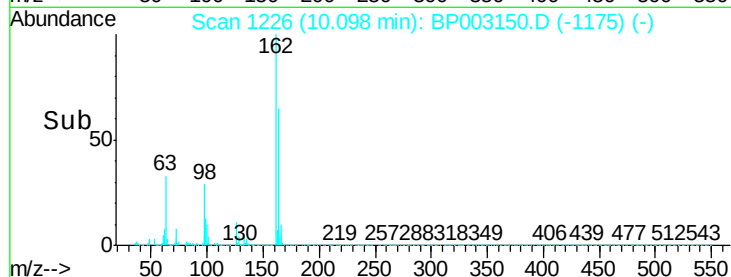
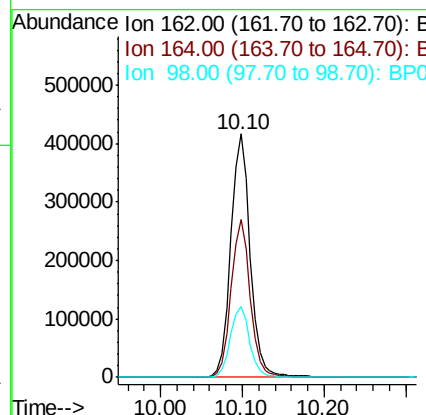
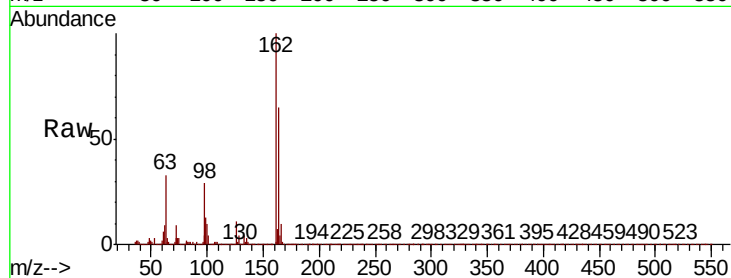




#29
2,4-Dichlorophenol
Concen: 38.097 ng
RT: 10.10 min Scan# 1226
Delta R.T. -0.00 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

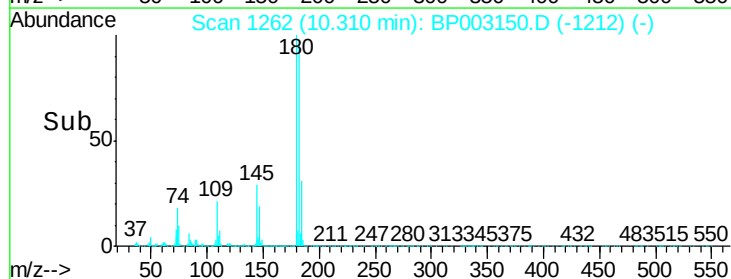
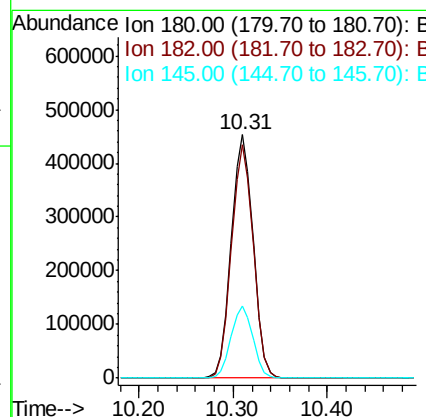
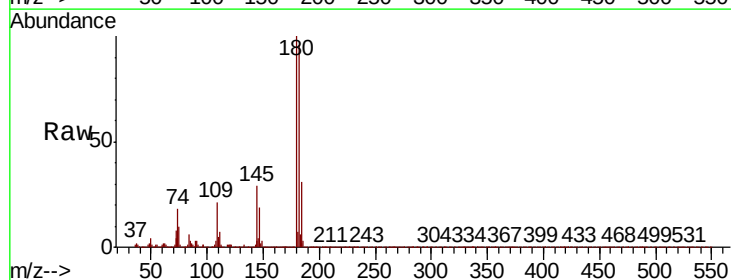
Instrument :
BNA_P
ClientSampleId :
PB131271BS

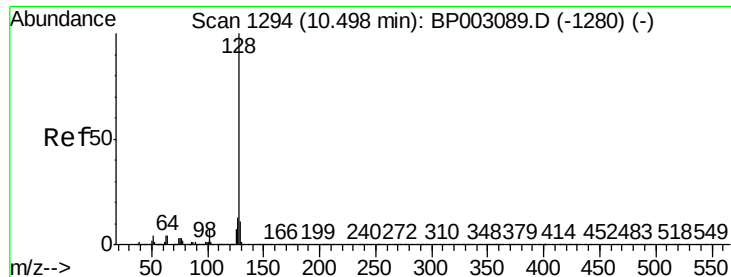
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.6	83.6
98	28.9	10.1	50.1



#30
1,2,4-Trichlorobenzene
Concen: 33.971 ng
RT: 10.31 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.6	116.4
145	29.5	23.7	35.5

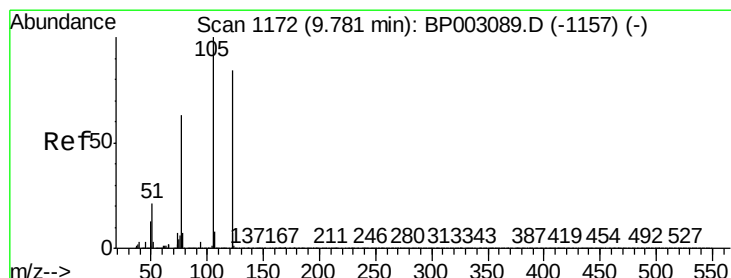
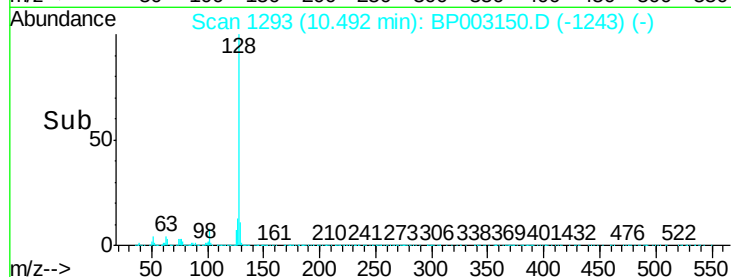
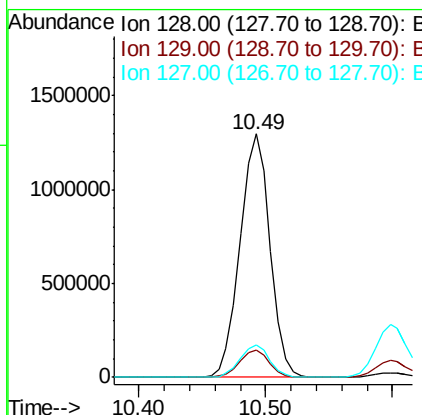
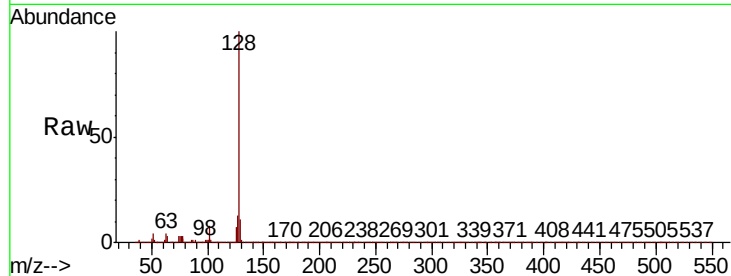




#31
Naphthalene
Concen: 34.532 ng
RT: 10.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

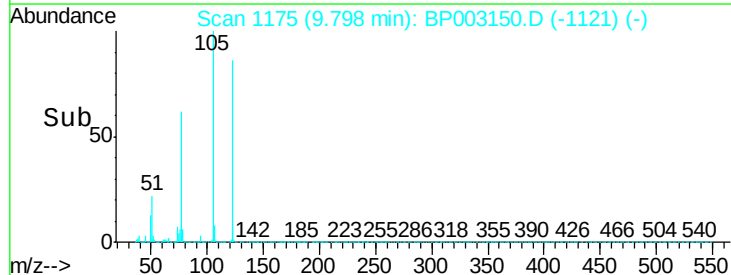
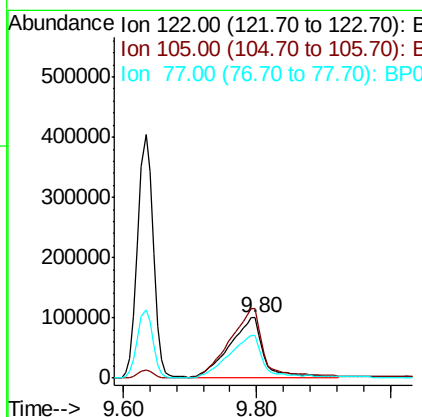
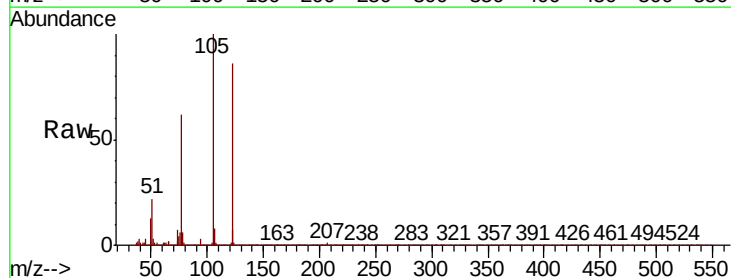
Instrument :
BNA_P
ClientSampleId :
PB131271BS

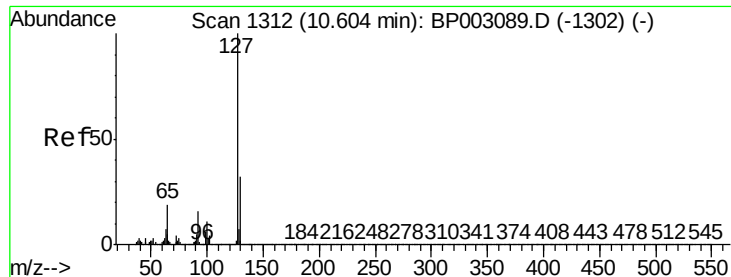
Tot Ion:128 Resp: 2116981
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 33.879 ng
RT: 9.80 min Scan# 1175
Delta R.T. 0.02 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

Tgt Ion:122 Resp: 345070
Ion Ratio Lower Upper
122 100
105 116.7 98.1 138.1
77 72.1 55.3 95.3

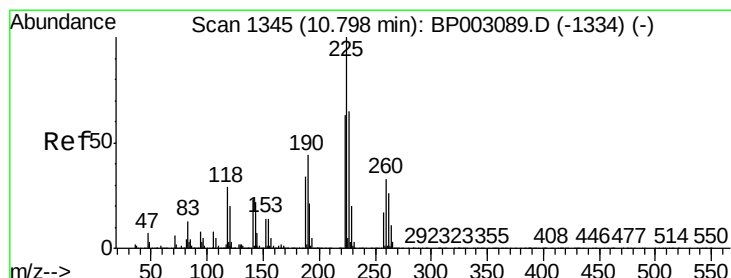
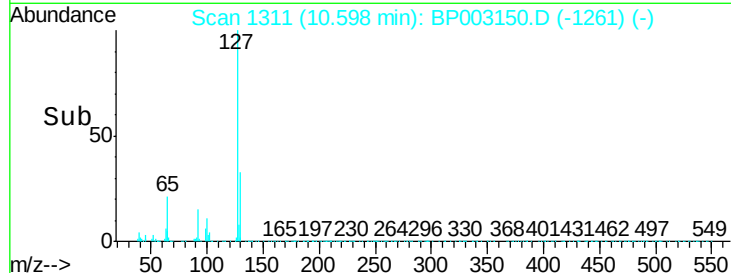
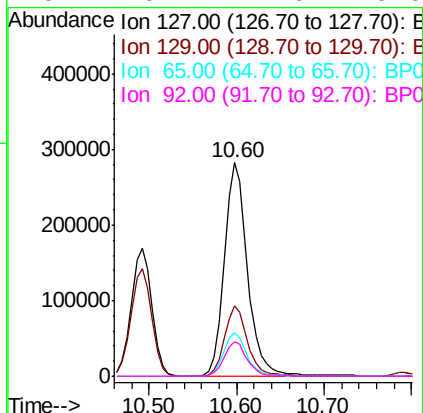
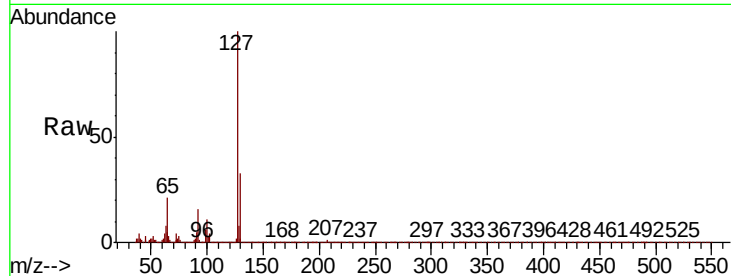




#33
4-Chloroaniline
Concen: 19.984 ng
RT: 10.60 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

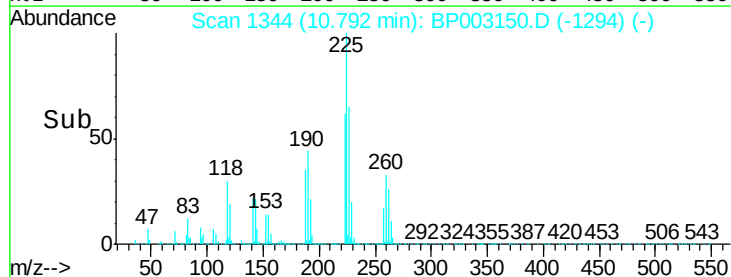
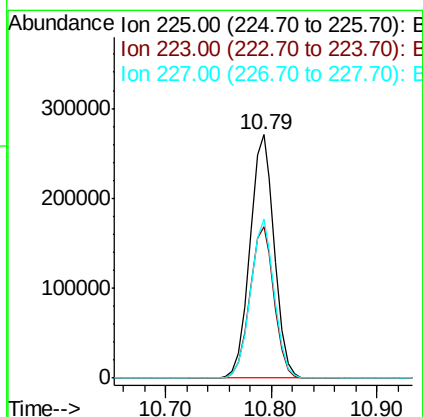
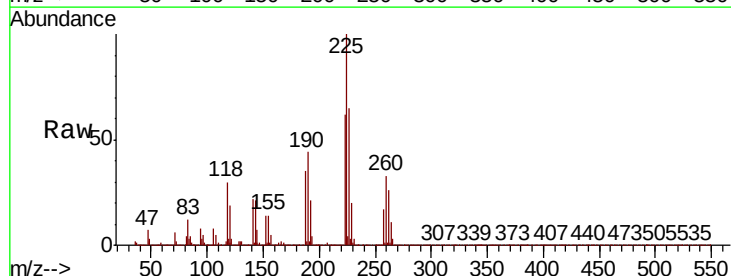
Instrument :
BNA_P
ClientSampleId :
PB131271BS

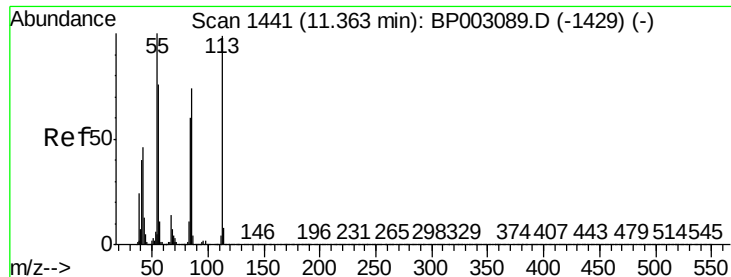
Tot Ion:	127	Resp:	511883
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.4	38.0
65	20.6	15.5	23.3
92	16.2	12.6	19.0



#34
Hexachlorobutadiene
Concen: 33.525 ng
RT: 10.79 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

Tgt Ion:	225	Resp:	432941
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	65.4	52.0	78.0

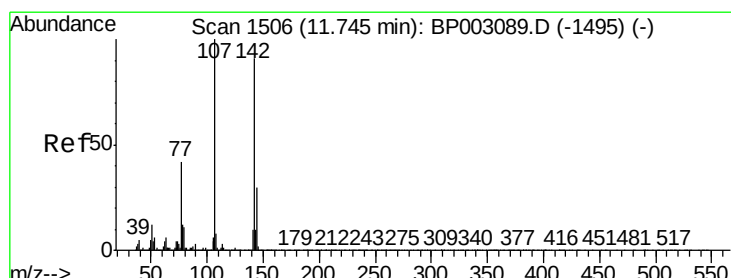
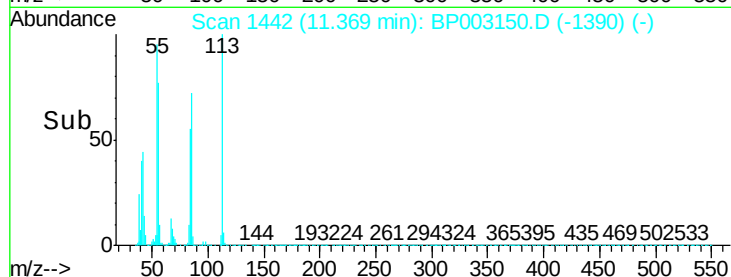
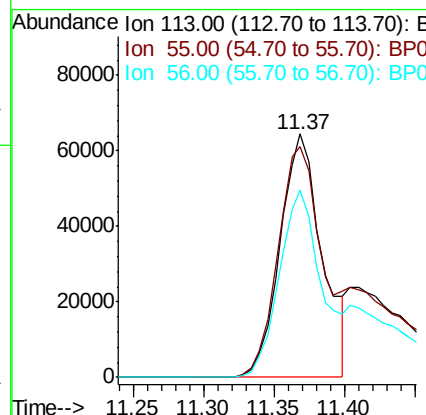
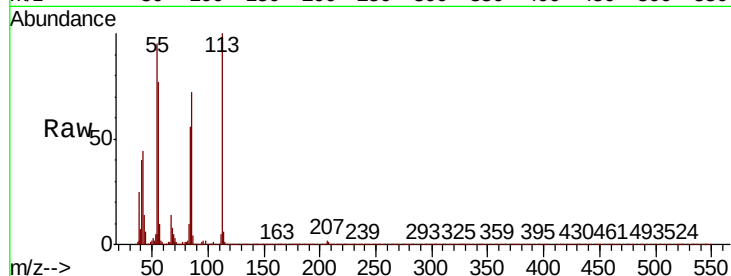




#35
Caprolactam
Concen: 24.631 ng
RT: 11.37 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

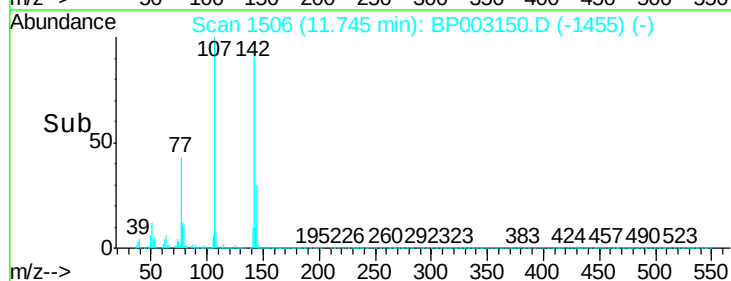
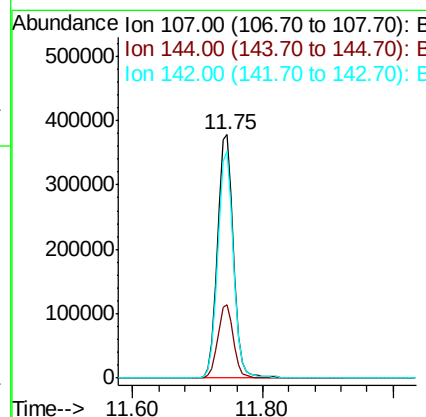
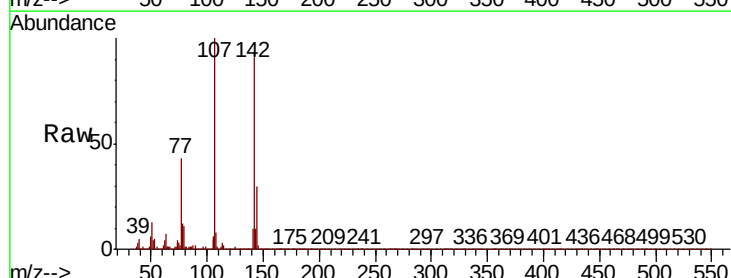
Instrument :
BNA_P
ClientSampleId :
PB131271BS

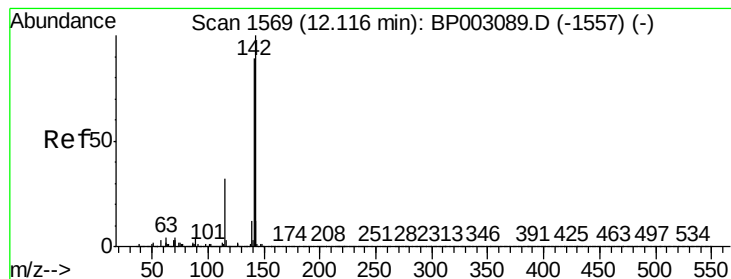
Tot Ion:113 Resp: 133765
Ion Ratio Lower Upper
113 100
55 94.9 81.3 121.3
56 77.2 56.4 96.4



#36
4-Chloro-3-methylphenol
Concen: 37.932 ng
RT: 11.75 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

Tgt Ion:107 Resp: 640062
Ion Ratio Lower Upper
107 100
144 30.3 24.2 36.4
142 93.0 73.0 109.6





#37

2-Methylnaphthalene

Concen: 35.325 ng

RT: 12.11 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Instrument :

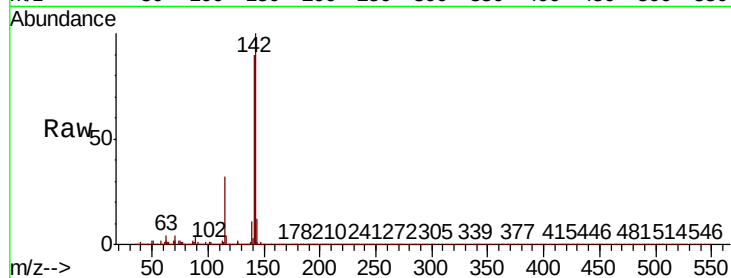
BNA_P

ClientSampleId :

PB131271BS

Tot Ion:142 Resp: 1549155

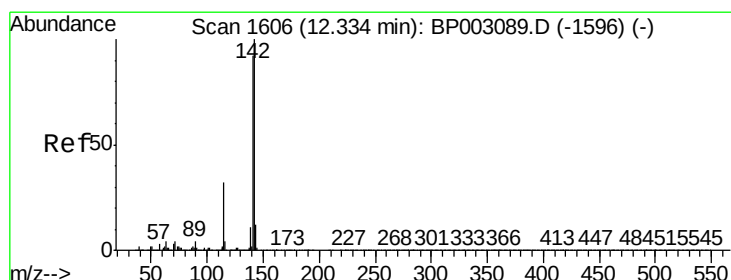
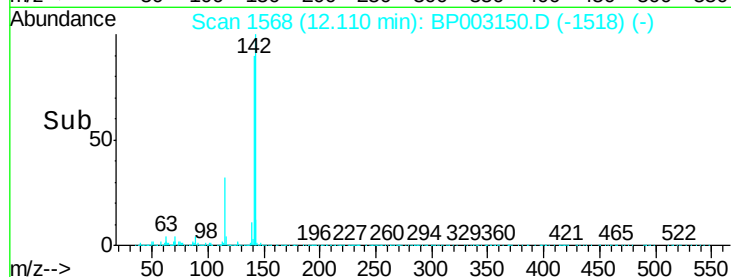
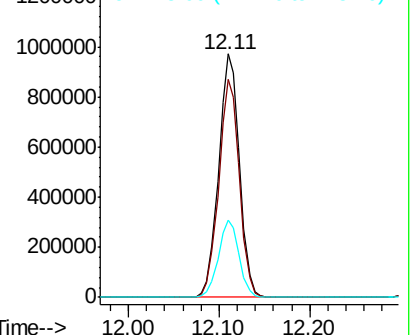
Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.1	106.7
115	31.6	25.2	37.8



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: 34.948 ng

RT: 12.33 min Scan# 1606

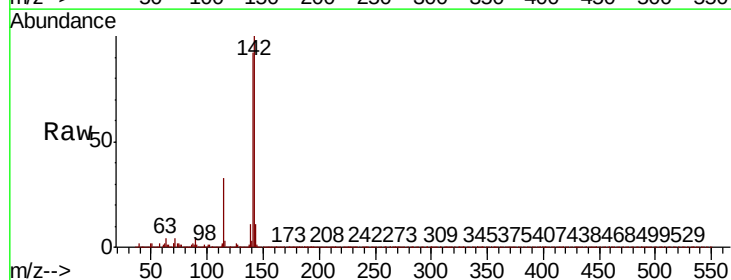
Delta R.T. -0.00 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Tgt Ion:142 Resp: 1456729

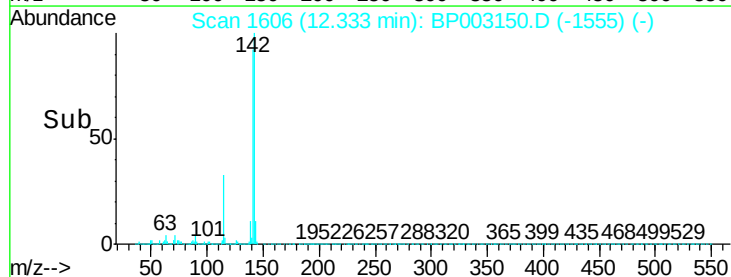
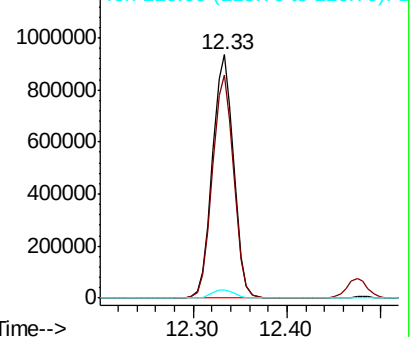
Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.8	110.8
116	3.4	2.8	4.2

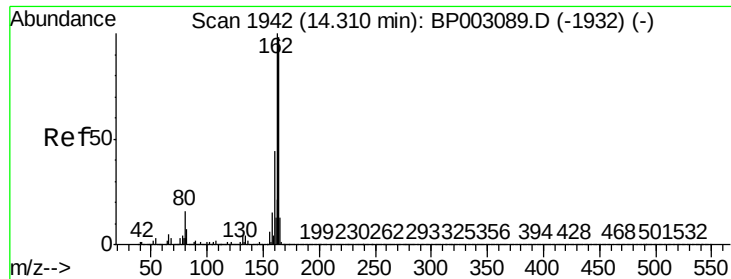


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.30 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Instrument :

BNA_P

ClientSampleId :

PB131271BS

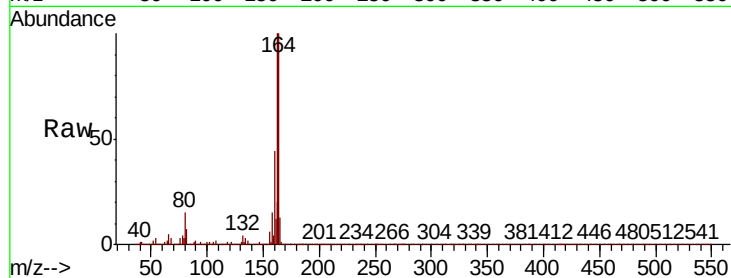
Tot Ion:164 Resp: 729961

Ion Ratio Lower Upper

164 100

162 100.4 81.2 121.8

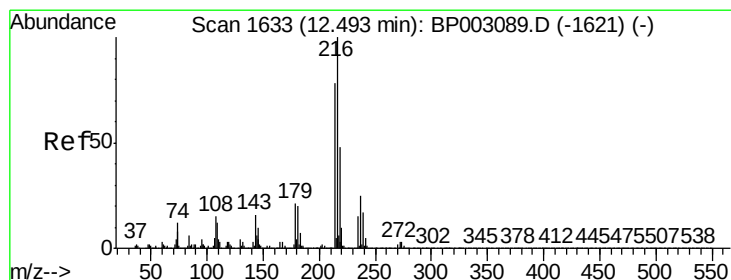
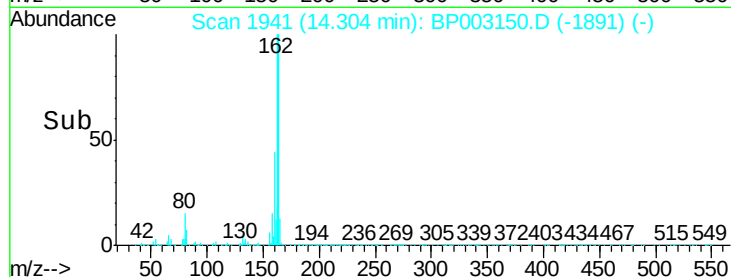
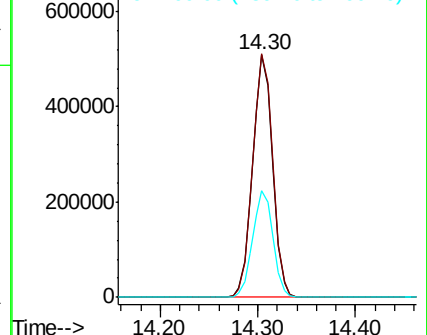
160 44.3 36.0 54.0



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: 35.477 ng

RT: 12.49 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Tgt Ion:216 Resp: 767560

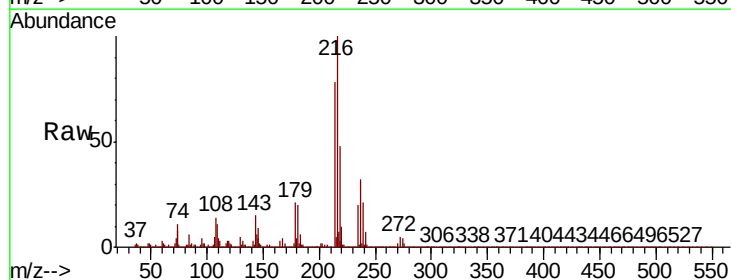
Ion Ratio Lower Upper

216 100

214 78.3 62.4 93.6

179 21.2 16.9 25.3

108 17.4 12.8 19.2

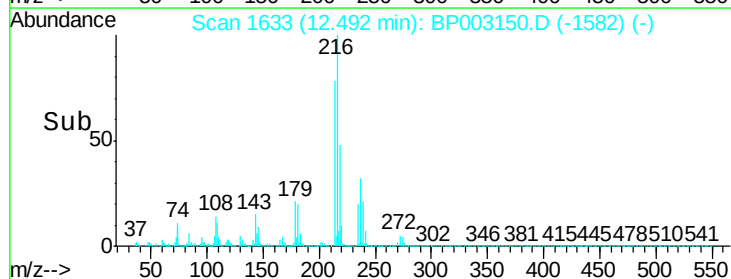
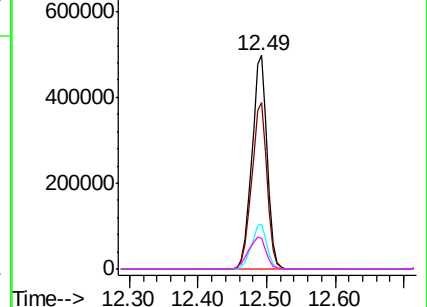


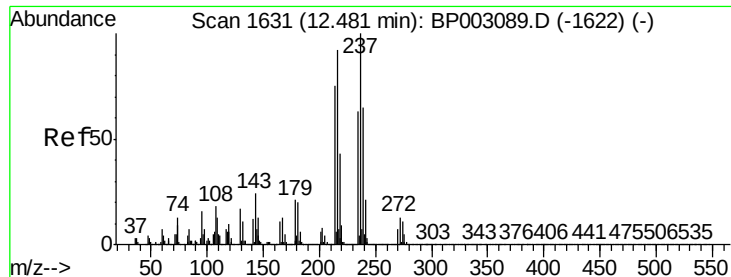
Abundance Ion 216.00 (215.70 to 216.70): E

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

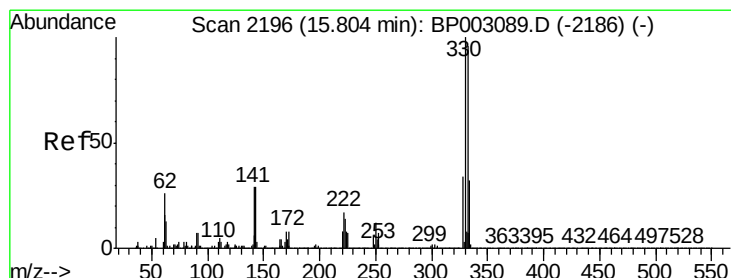
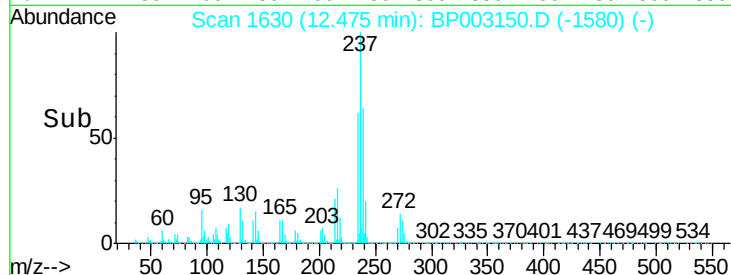
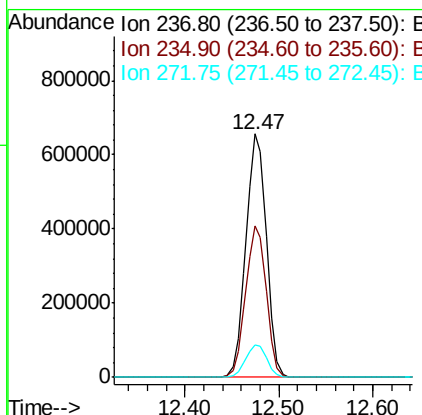
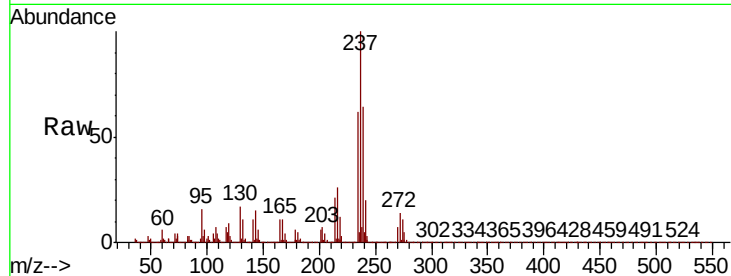




#41
Hexachlorocyclopentadiene
Concen: 96.589 ng
RT: 12.47 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

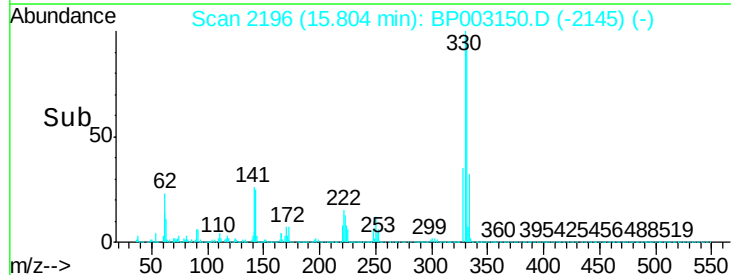
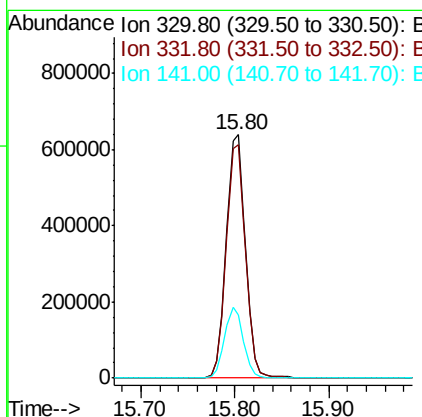
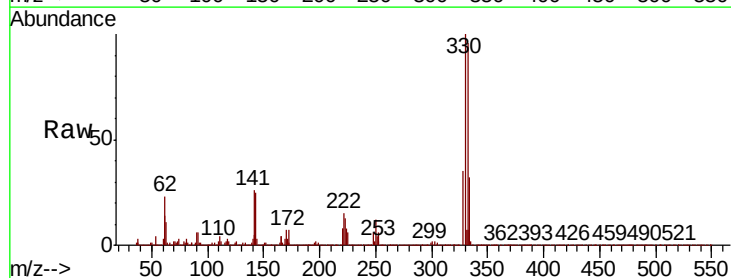
Instrument :
BNA_P
ClientSampleId :
PB131271BS

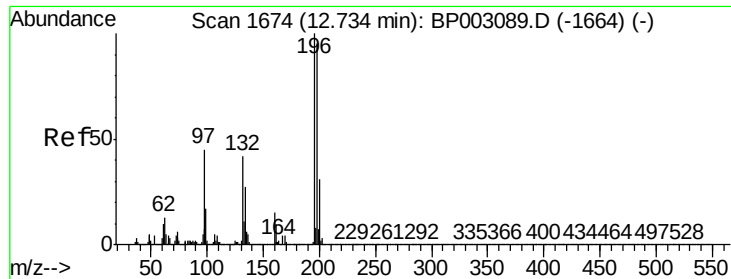
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.3	43.0	83.0
272	13.6	0.0	33.2



#42
2,4,6-Tribromophenol
Concen: 92.328 ng
RT: 15.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	29.0	24.4	36.6





#43

2,4,6-Trichlorophenol

Concen: 37.641 ng

RT: 12.73 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Instrument :

BNA_P

ClientSampleId :

PB131271BS

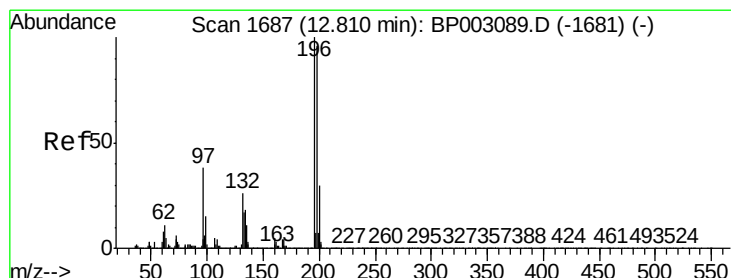
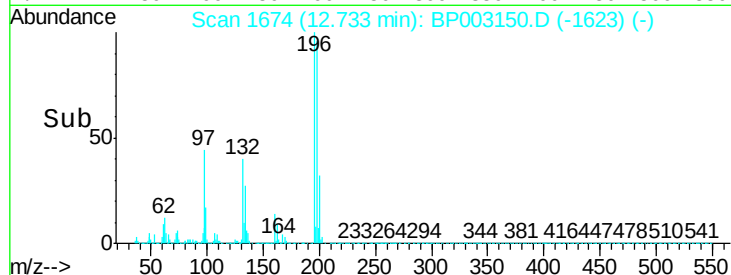
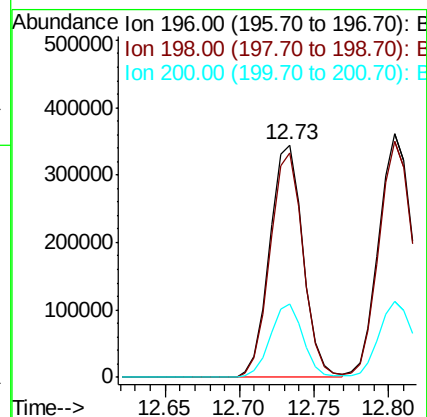
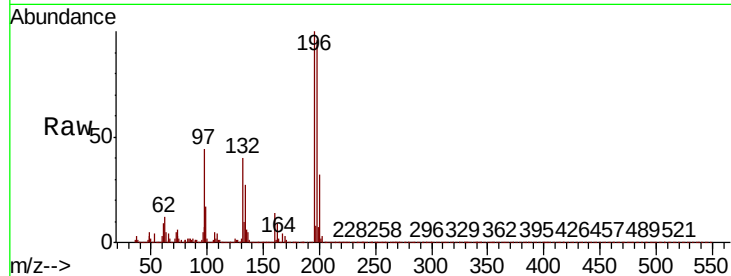
Tot Ion:196 Resp: 535489

Ion Ratio Lower Upper

196 100

198 96.3 75.8 113.6

200 31.5 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 38.692 ng

RT: 12.80 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Tgt Ion:196 Resp: 582228

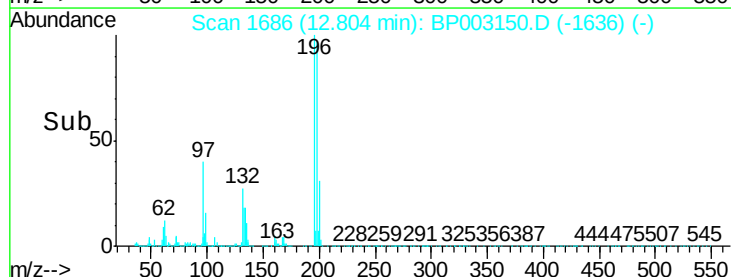
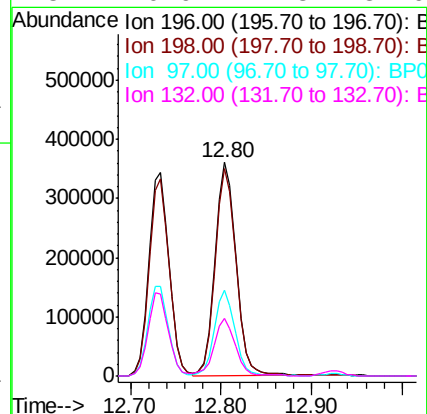
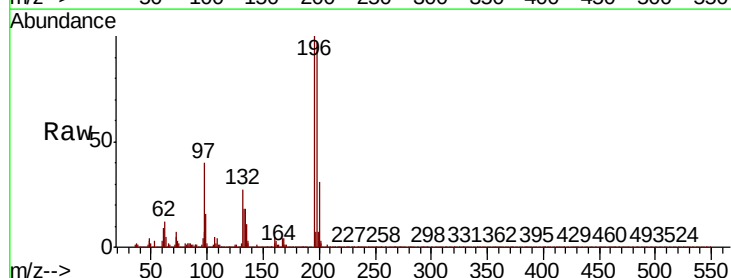
Ion Ratio Lower Upper

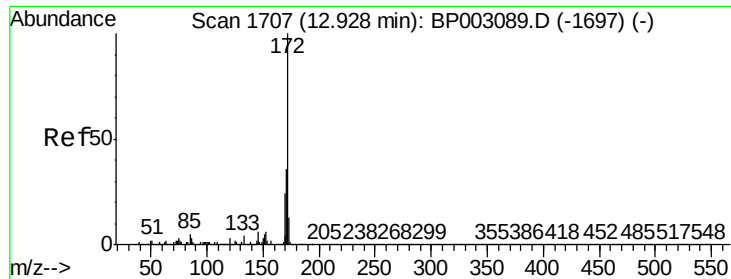
196 100

198 96.8 76.6 115.0

97 39.9 30.3 45.5

132 26.9 21.3 31.9



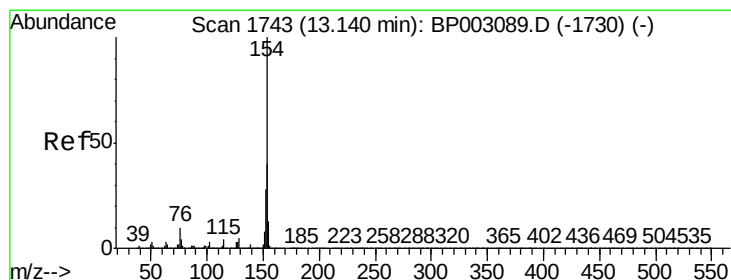
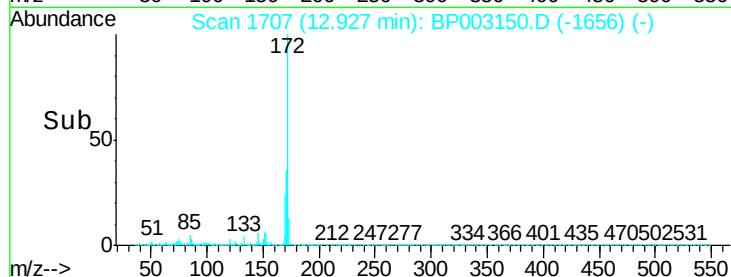
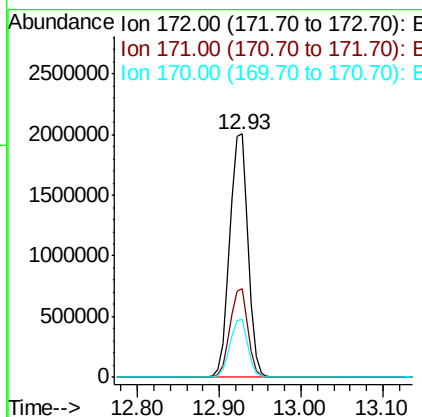
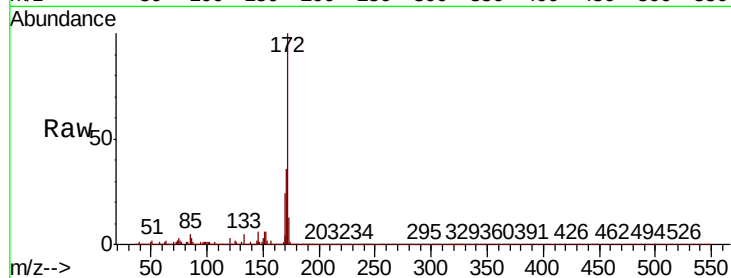


#45
2-Fluorobiphenyl
Concen: 62.647 ng
RT: 12.93 min Scan# 1707
Delta R.T. -0.00 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

Instrument :
BNA_P
ClientSampleId :
PB131271BS

Tot Ion:172 Resp: 3122680

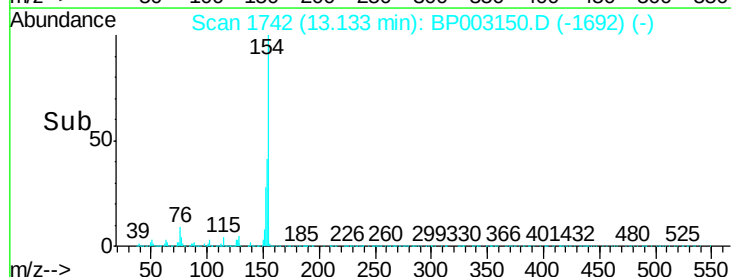
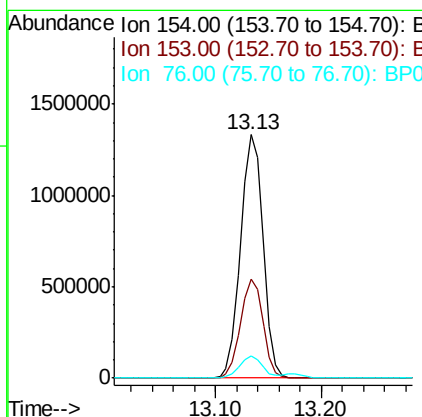
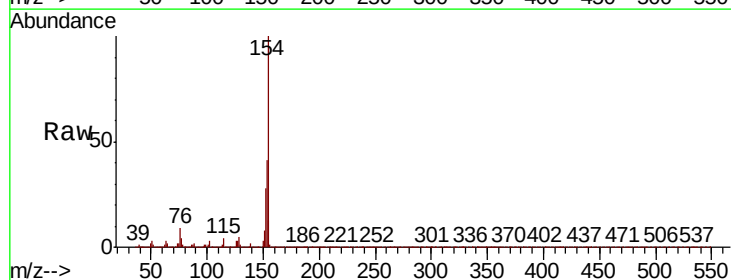
Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.7	43.1
170	23.8	19.0	28.4

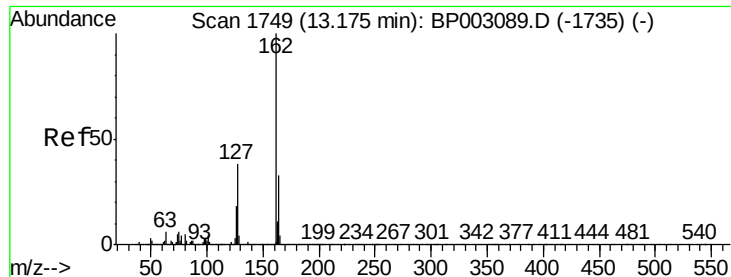


#46
1,1'-Biphenyl
Concen: 35.657 ng
RT: 13.13 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

Tgt Ion:154 Resp: 1952328

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.3	60.3
76	9.2	0.0	29.7

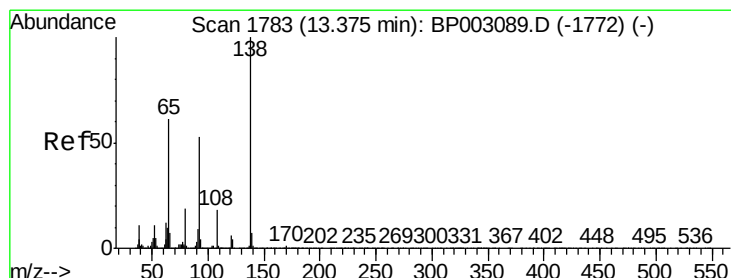
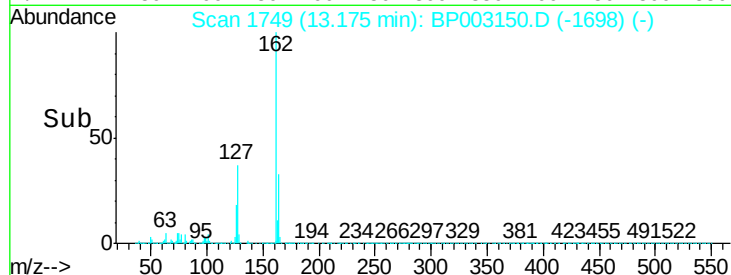
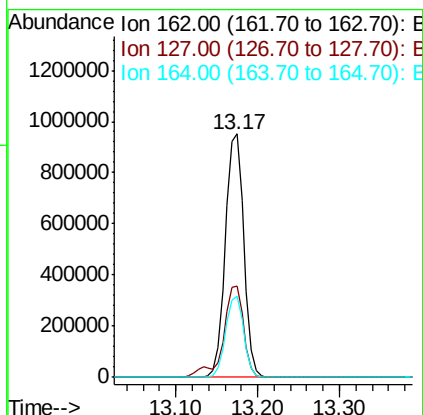
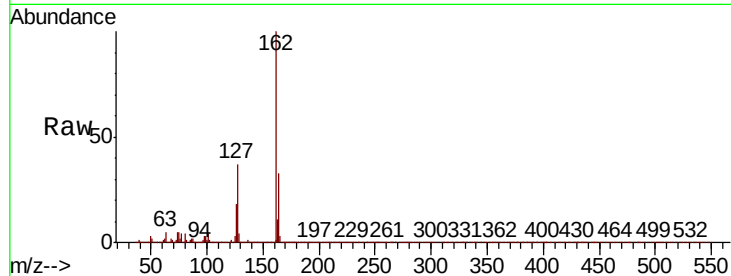




#47
2-Chloronaphthalene
Concen: 33.345 ng
RT: 13.17 min Scan# 1749
Delta R.T. -0.00 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

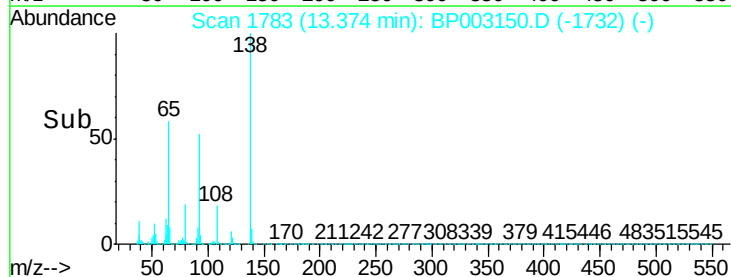
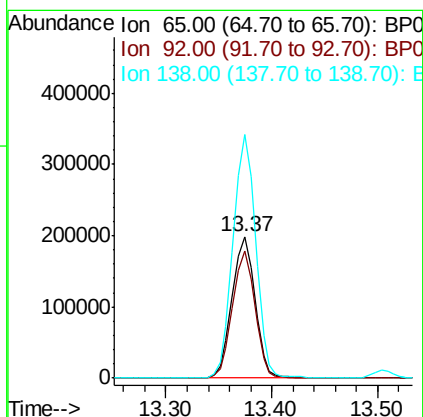
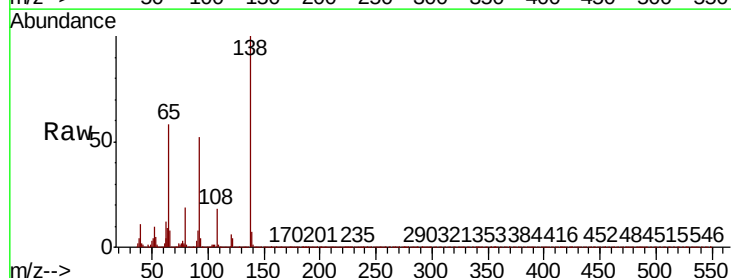
Instrument :
BNA_P
ClientSampleId :
PB131271BS

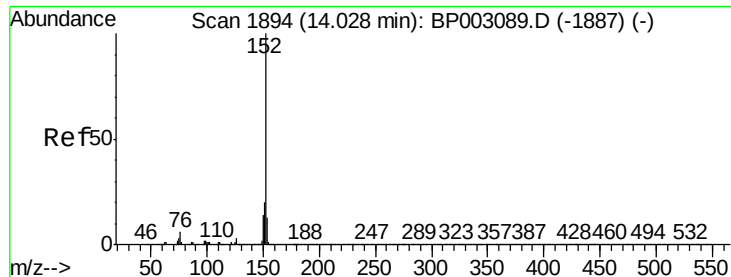
Tot Ion:162 Resp: 1494454
Ion Ratio Lower Upper
162 100
127 37.3 30.6 45.8
164 33.1 26.3 39.5



#48
2-Nitroaniline
Concen: 35.813 ng
RT: 13.37 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

Tgt Ion: 65 Resp: 300529
Ion Ratio Lower Upper
65 100
92 89.4 70.2 105.4
138 171.8 131.7 197.5





#49

Acenaphthylene

Concen: 35.924 ng

RT: 14.02 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Instrument :

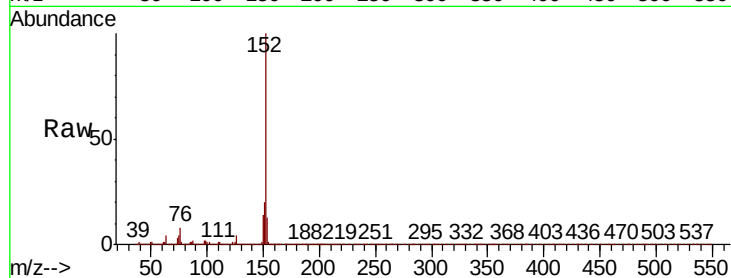
BNA_P

ClientSampleId :

PB131271BS

Tot Ion:152 Resp: 2434554

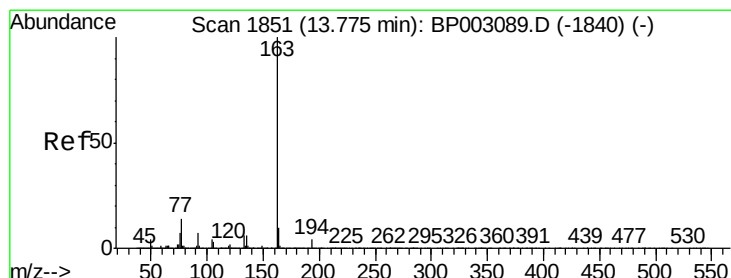
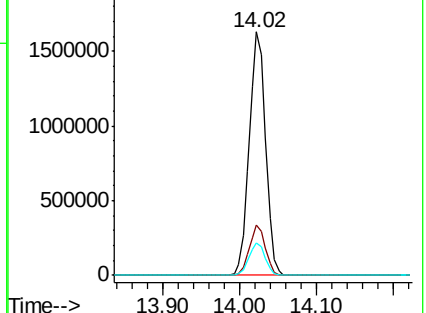
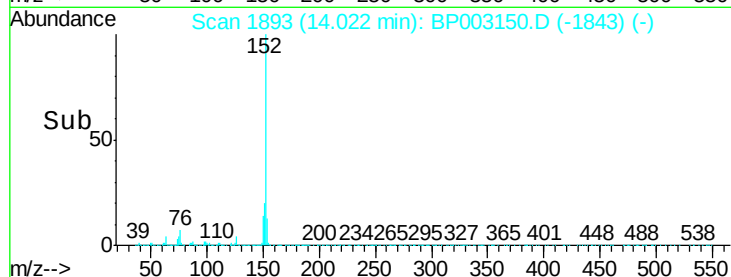
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.4	10.5	15.7



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: 34.410 ng

RT: 13.77 min Scan# 1850

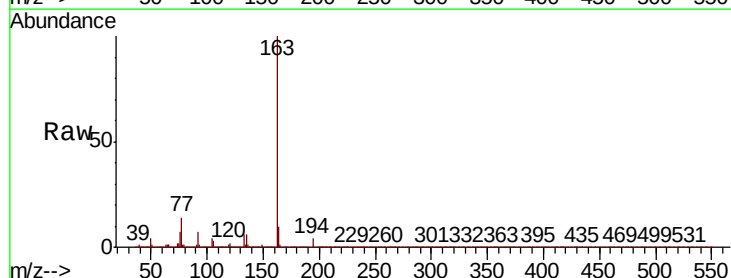
Delta R.T. -0.01 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Tgt Ion:163 Resp: 1915464

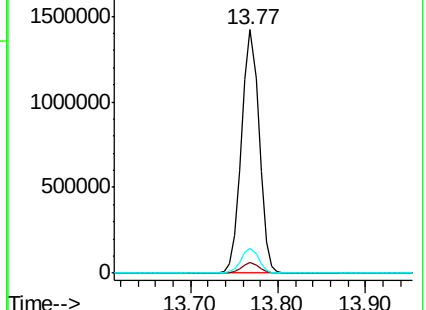
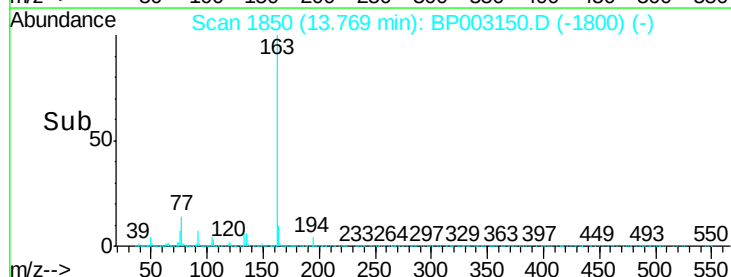
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.2	8.1	12.1

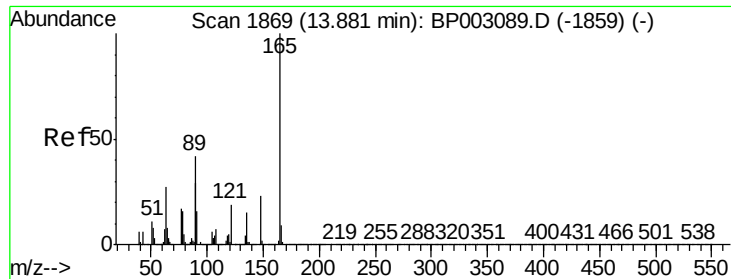


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

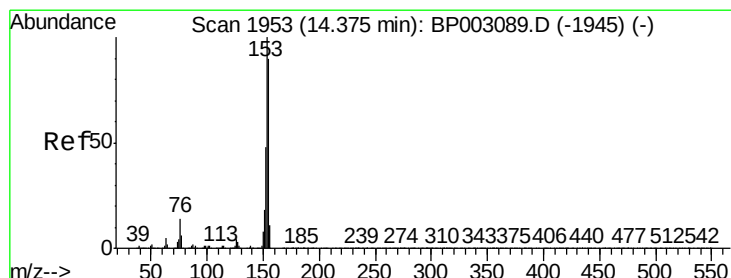
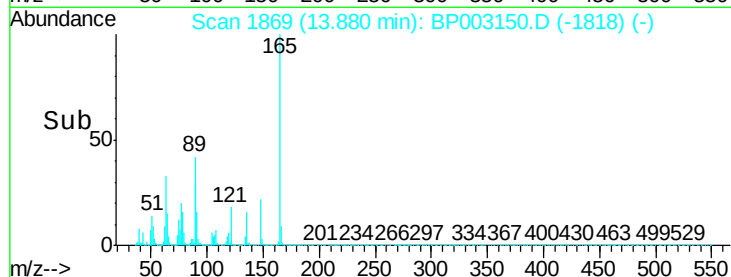
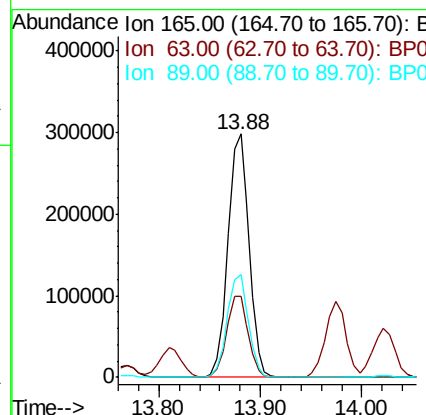
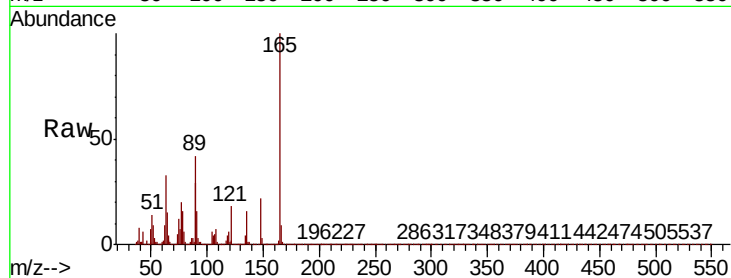




#51
 2,6-Dinitrotoluene
 Concen: 37.003 ng
 RT: 13.88 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: BP003150.D
 Acq: 28 Aug 2020 14:48

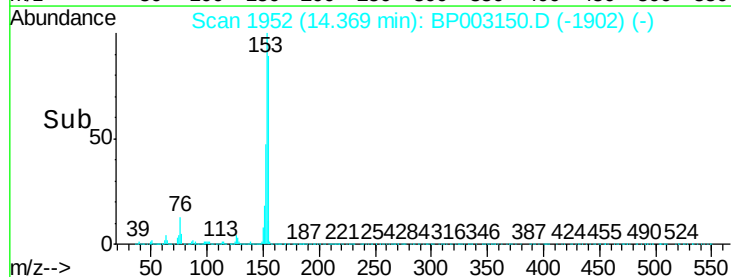
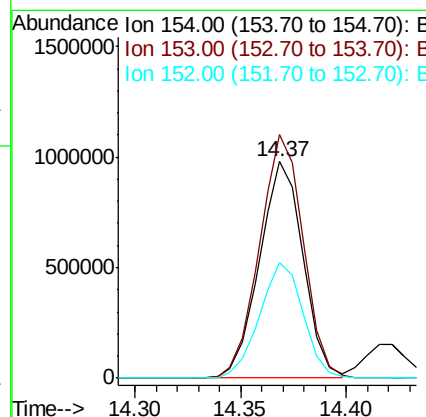
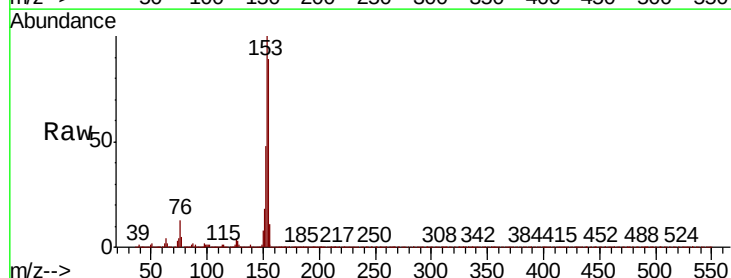
Instrument :
 BNA_P
 ClientSampleId :
 PB131271BS

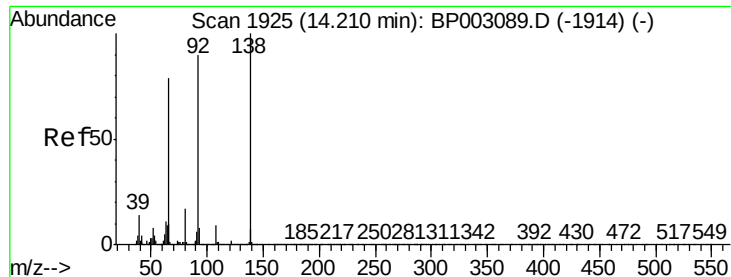
Tot Ion	Ratio	Lower	Upper
165	100		
63	33.2	27.5	41.3
89	42.0	33.6	50.4



#52
 Acenaphthene
 Concen: 33.791 ng
 RT: 14.37 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BP003150.D
 Acq: 28 Aug 2020 14:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.2	133.8
152	53.5	42.5	63.7

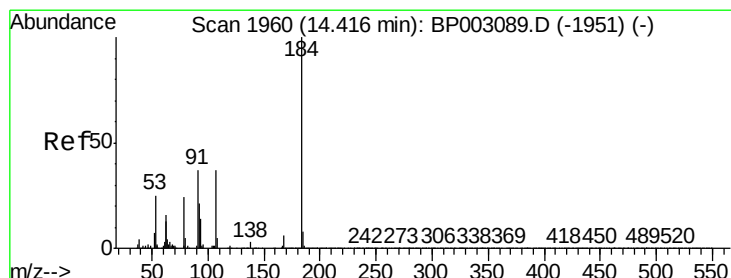
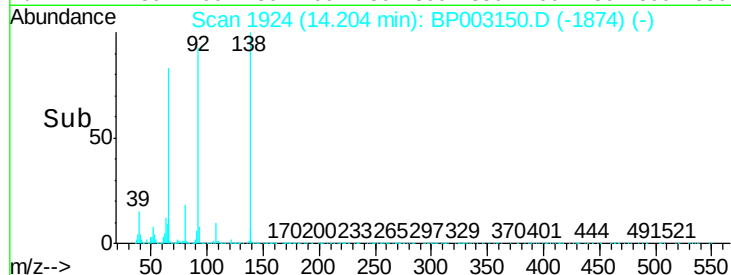
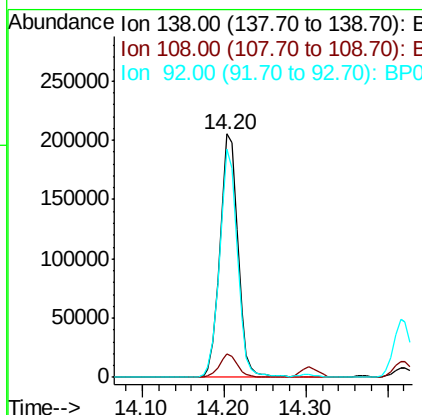
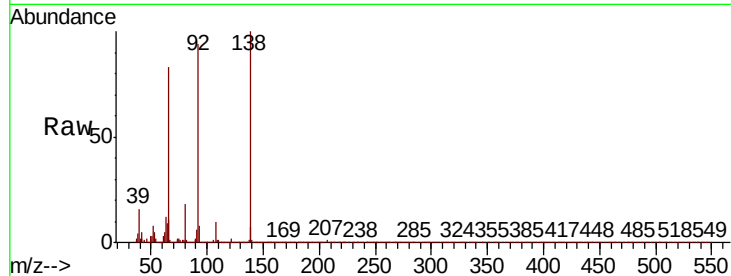




#53
3-Nitroaniline
Concen: 24.248 ng
RT: 14.20 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

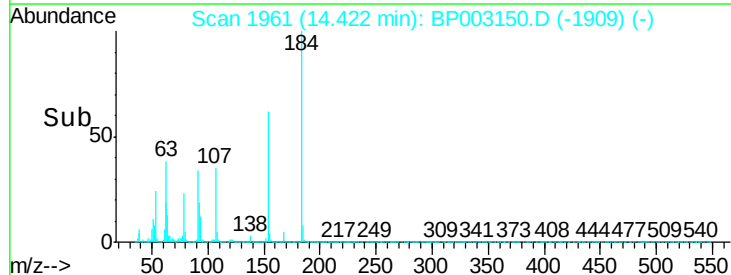
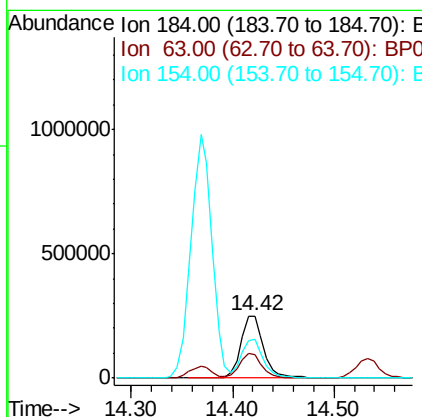
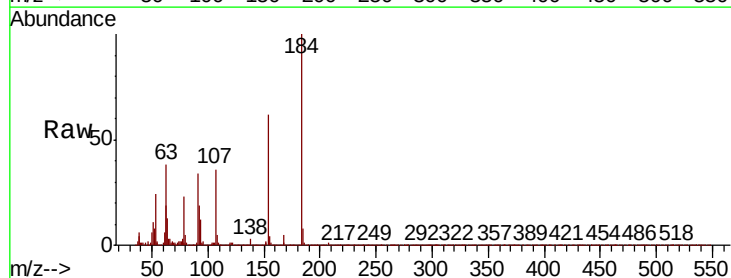
Instrument :
BNA_P
ClientSampleId :
PB131271BS

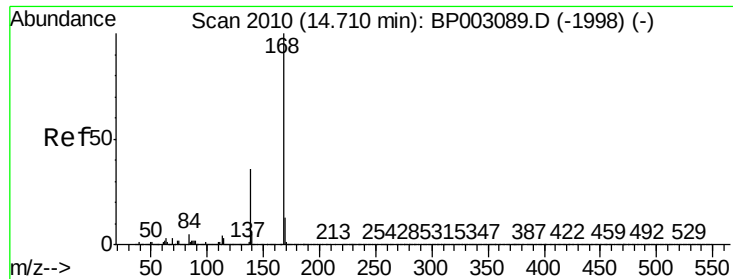
Tot Ion:138 Resp: 317840
Ion Ratio Lower Upper
138 100
108 9.8 7.4 11.0
92 93.6 72.2 108.2



#54
2,4-Dinitrophenol
Concen: 63.658 ng
RT: 14.42 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

Tgt Ion:184 Resp: 391226
Ion Ratio Lower Upper
184 100
63 38.0 32.0 48.0
154 61.6 48.2 72.2

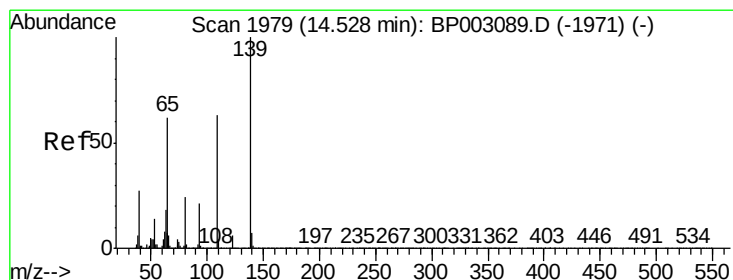
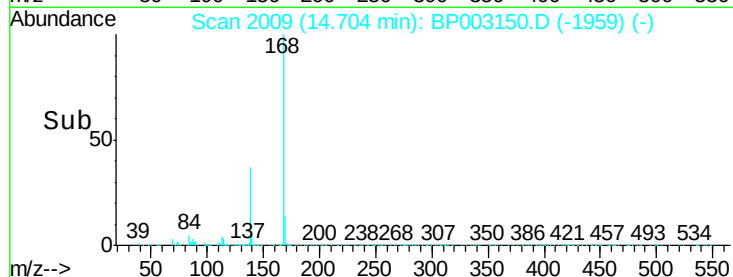
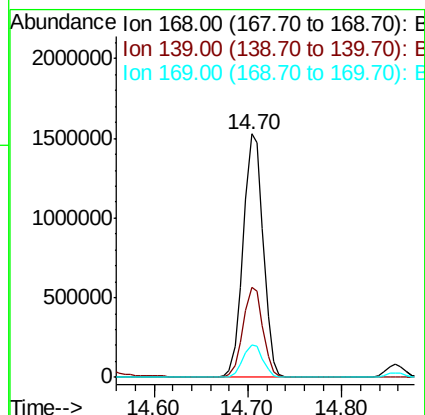
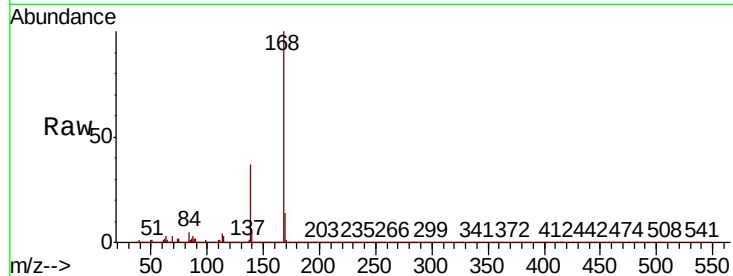




#55
Dibenzenofuran
Concen: 34.433 ng
RT: 14.70 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

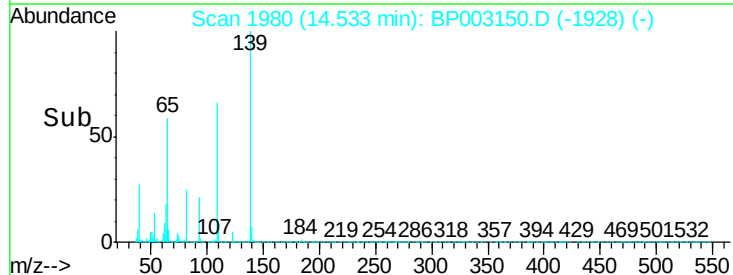
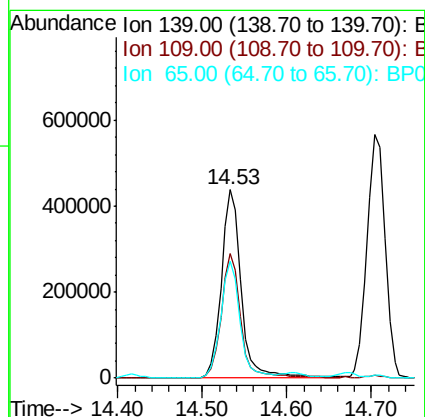
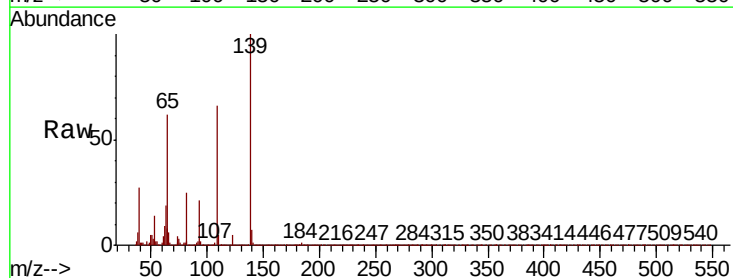
Instrument :
BNA_P
ClientSampleId :
PB131271BS

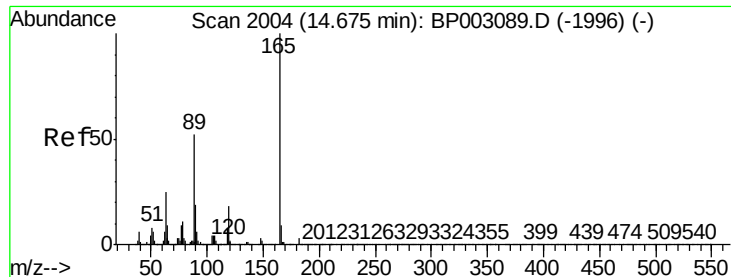
Tot Ion:168 Resp: 2251444
Ion Ratio Lower Upper
168 100
139 37.0 29.3 43.9
169 13.5 10.6 15.8



#56
4-Nitrophenol
Concen: 76.667 ng
RT: 14.53 min Scan# 1980
Delta R.T. 0.01 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

Tgt Ion:139 Resp: 722977
Ion Ratio Lower Upper
139 100
109 66.1 42.8 82.8
65 61.8 41.7 81.7

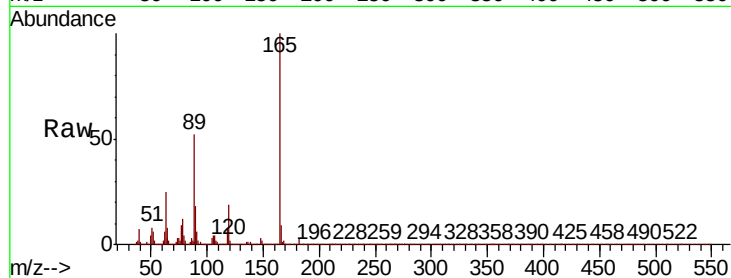




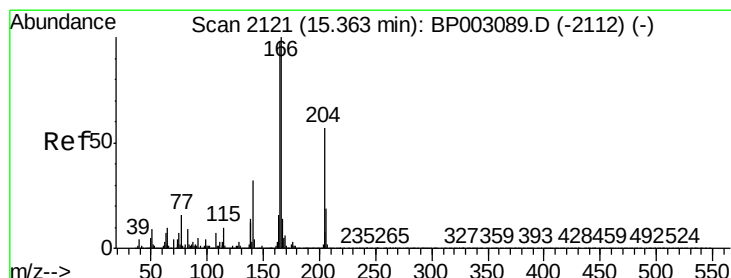
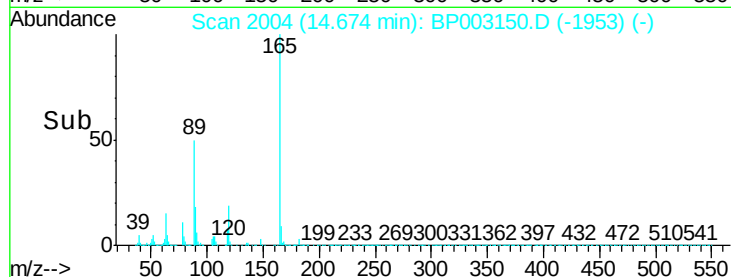
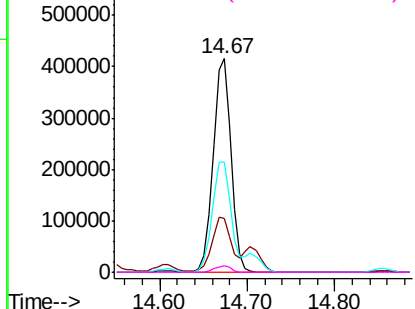
#57
2,4-Dinitrotoluene
Concen: 37.856 ng
RT: 14.67 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

Instrument :
BNA_P
ClientSampleId :
PB131271BS

Tot Ion:165 Resp: 588878
Ion Ratio Lower Upper
165 100
63 25.0 20.3 30.5
89 51.5 42.0 63.0
182 3.1 2.3 3.5

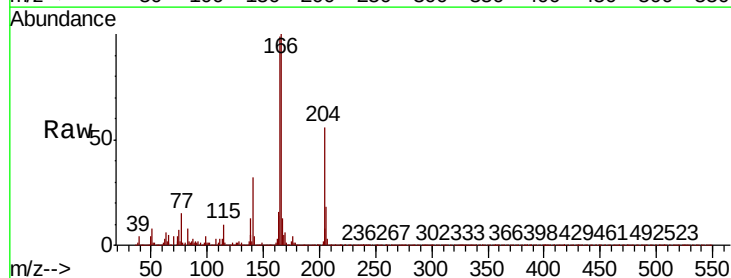


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

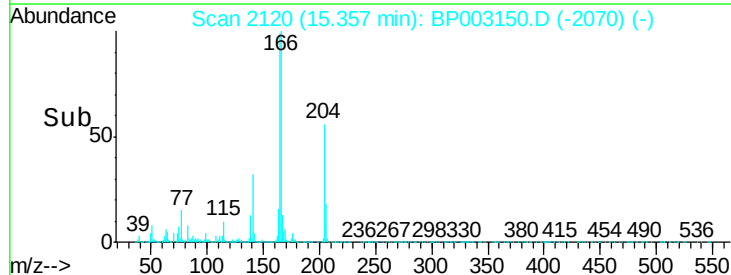
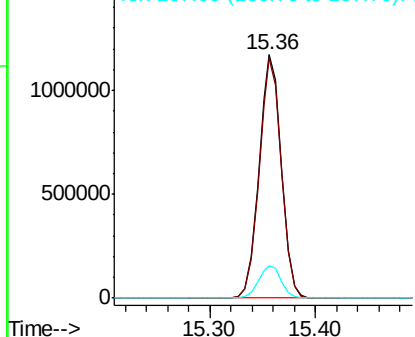


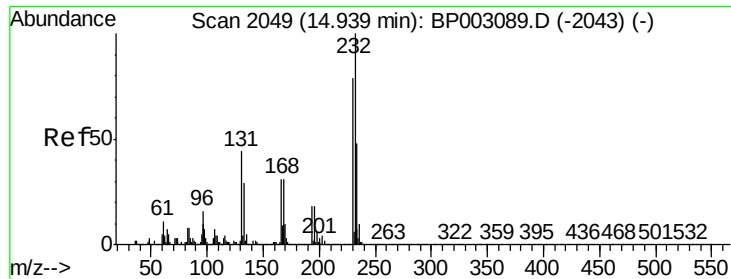
#58
Fluorene
Concen: 34.088 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

Tgt Ion:166 Resp: 1716983
Ion Ratio Lower Upper
166 100
165 98.7 78.3 117.5
167 13.5 11.0 16.4



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

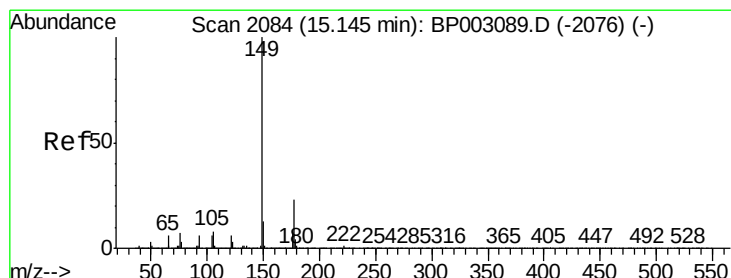
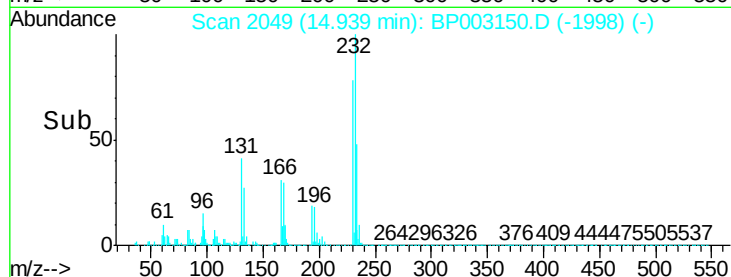
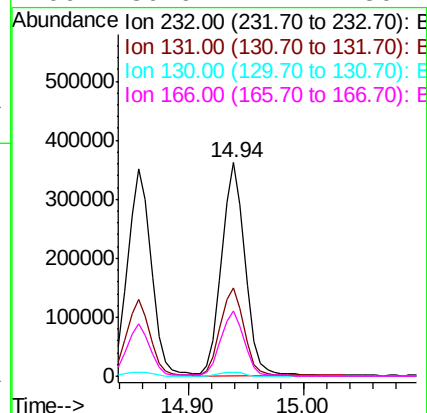
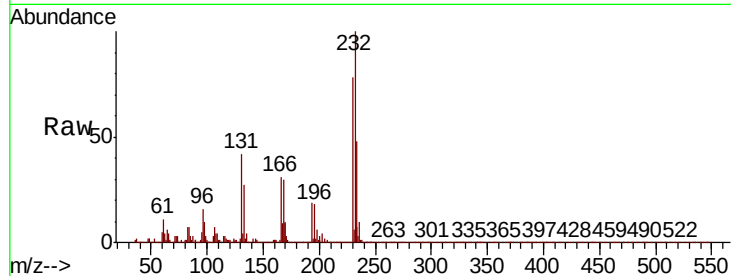




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.559 ng
RT: 14.94 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

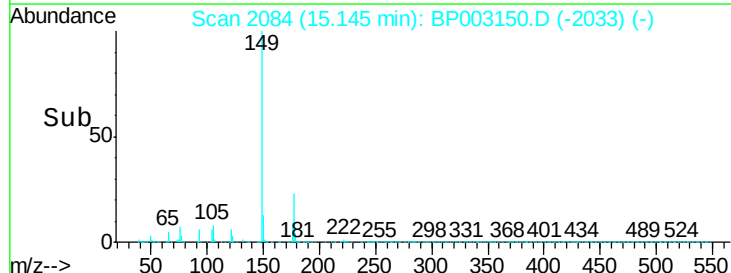
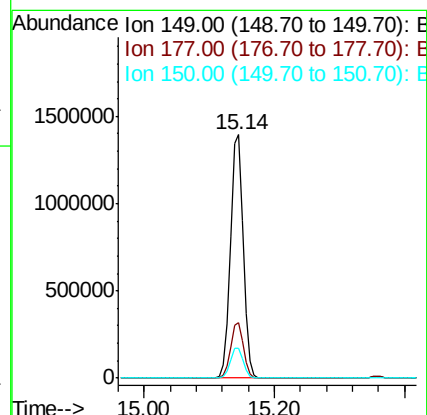
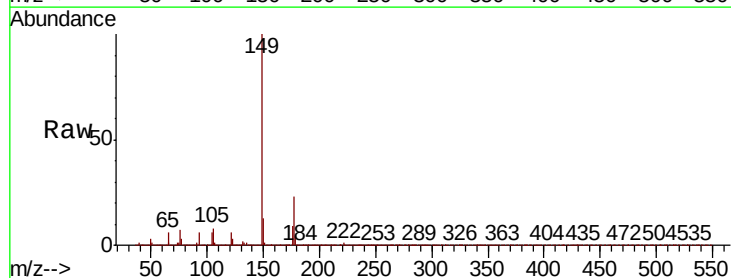
Instrument :
BNA_P
ClientSampleId :
PB131271BS

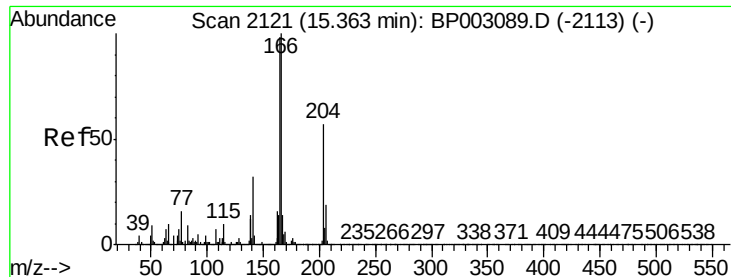
Tot Ion:	232	Resp:	511342
Ion	Ratio	Lower	Upper
232	100		
131	42.4	34.3	51.5
130	2.1	1.8	2.6
166	30.9	24.2	36.2



#60
Diethylphthalate
Concen: 34.640 ng
RT: 15.14 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

Tgt Ion:	149	Resp:	1891815
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.1	27.1
150	12.5	10.2	15.4

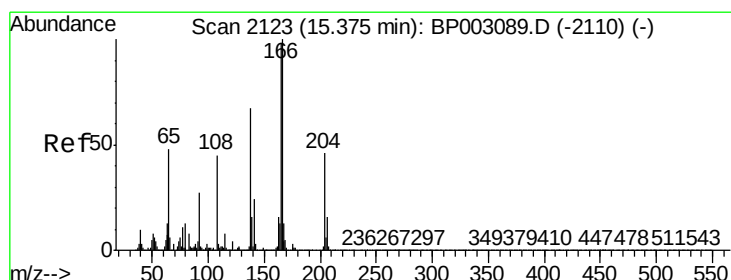
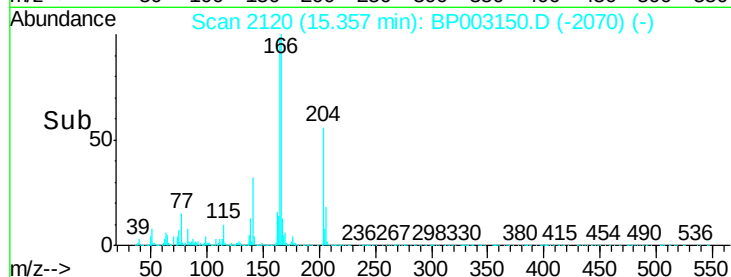
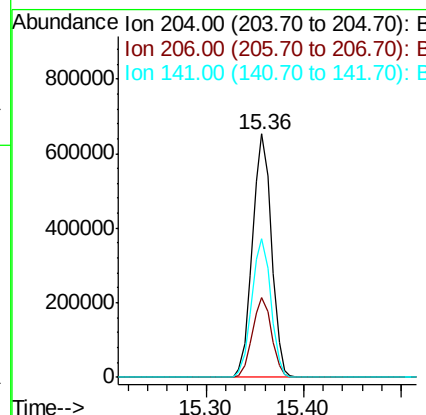
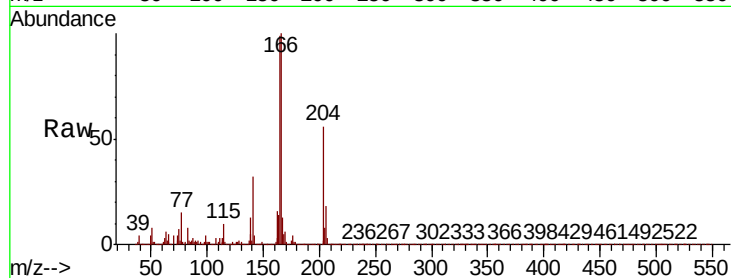




#61
4-Chlorophenyl-phenylether
Concen: 33.989 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

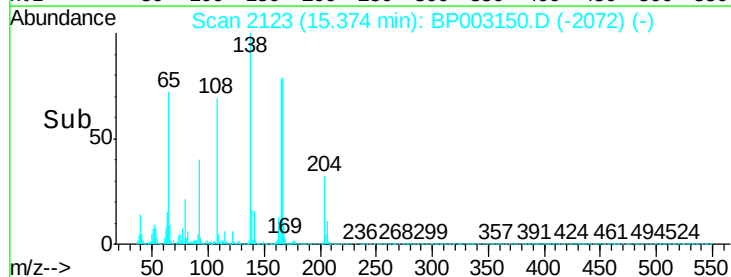
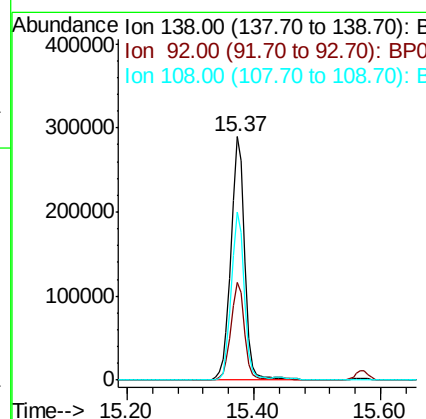
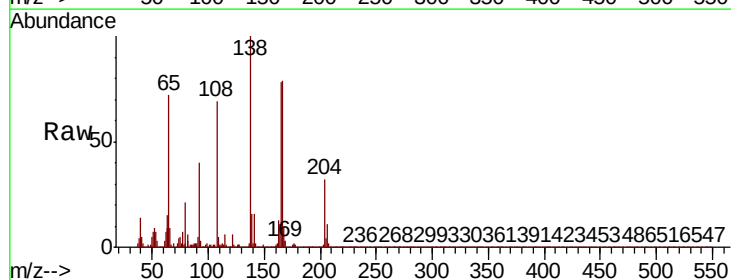
Instrument :
BNA_P
ClientSampleId :
PB131271BS

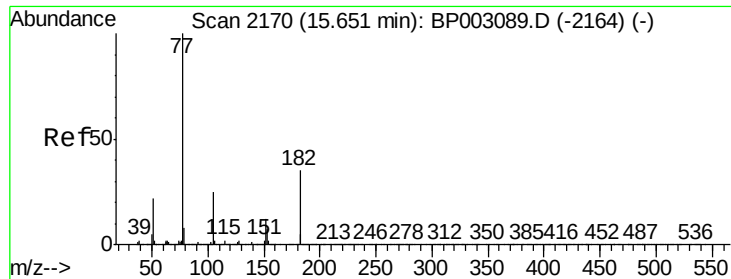
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	57.0	45.5	68.3



#62
4-Nitroaniline
Concen: 32.299 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	40.2	21.1	61.1
108	68.9	46.6	86.6





#63

Azobenzene

Concen: 34.953 ng

RT: 15.65 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Instrument :

BNA_P

ClientSampleId :

PB131271BS

Tot Ion: 77 Resp: 1266922

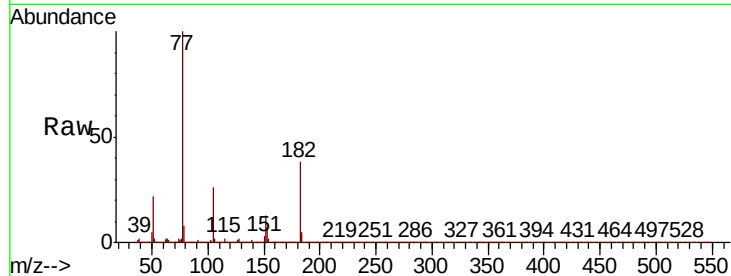
Ion Ratio Lower Upper

77 100

182 37.8 15.4 55.4

105 25.8 5.1 45.1

51 22.2 1.9 41.9



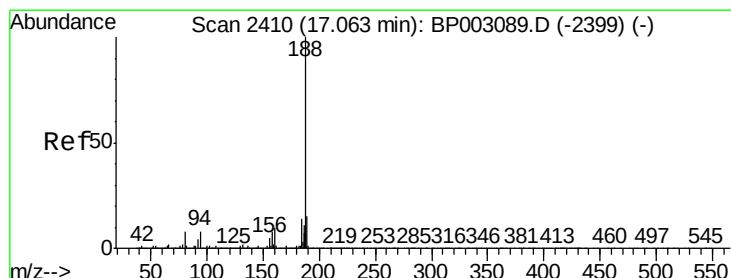
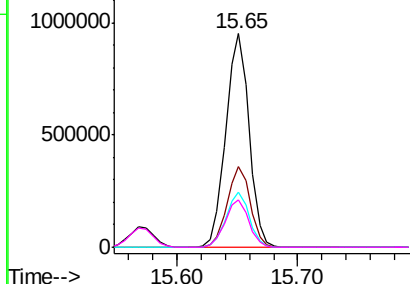
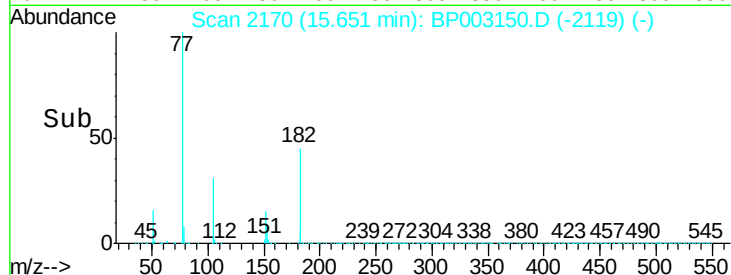
Abundance

Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

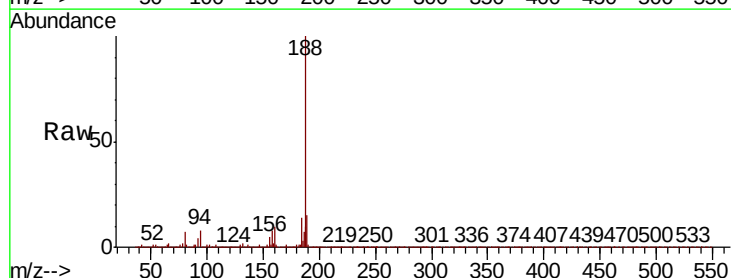
Tgt Ion: 188 Resp: 1531957

Ion Ratio Lower Upper

188 100

94 7.5 6.2 9.4

80 7.4 6.4 9.6

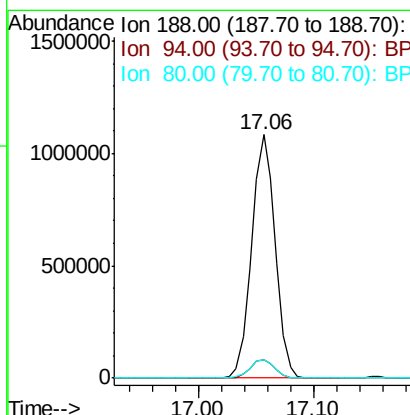
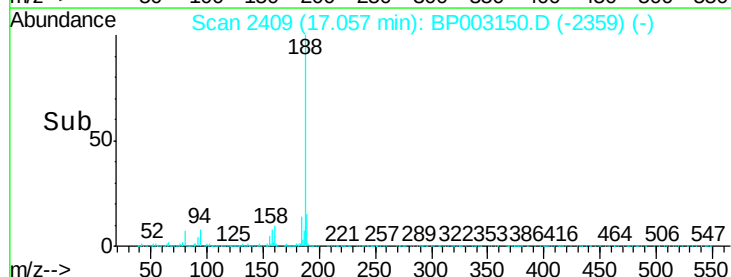


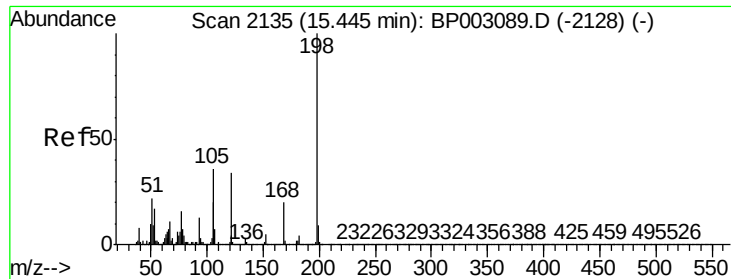
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

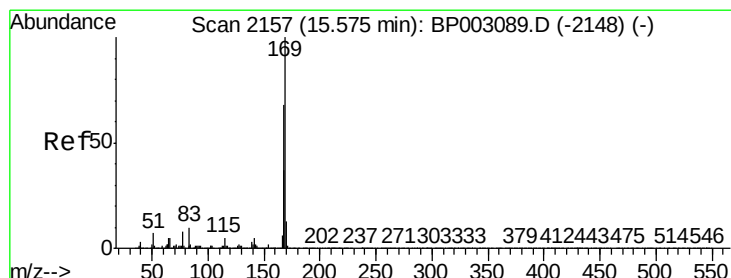
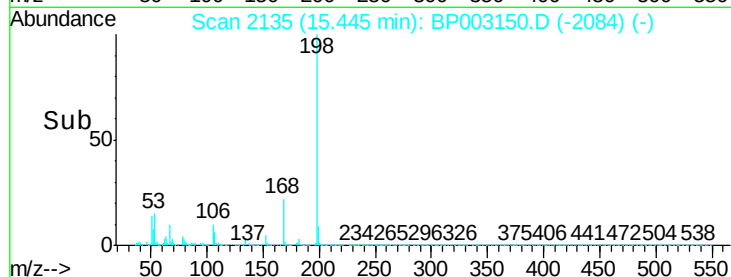
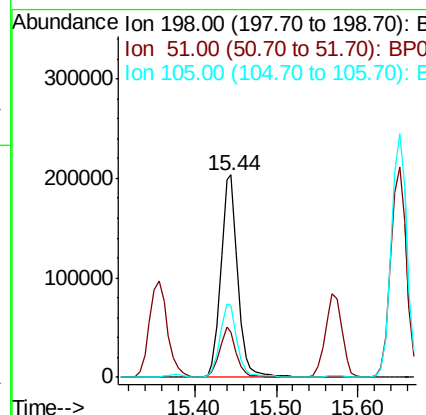
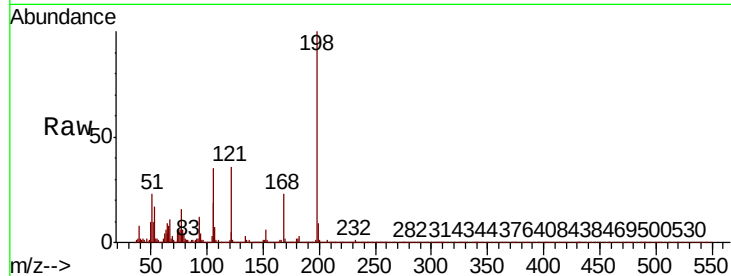




#65
4,6-Dinitro-2-methylphenol
Concen: 40.094 ng
RT: 15.44 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

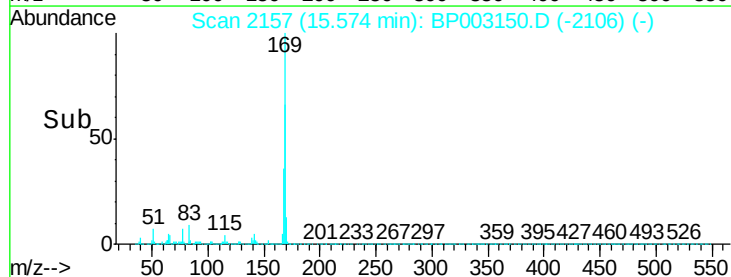
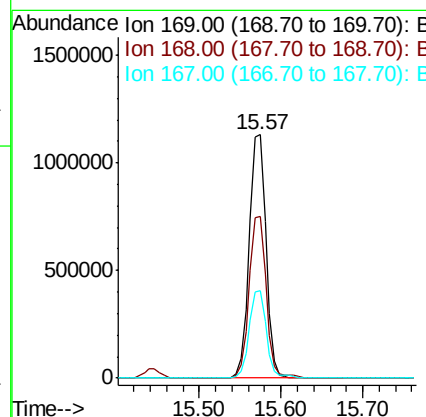
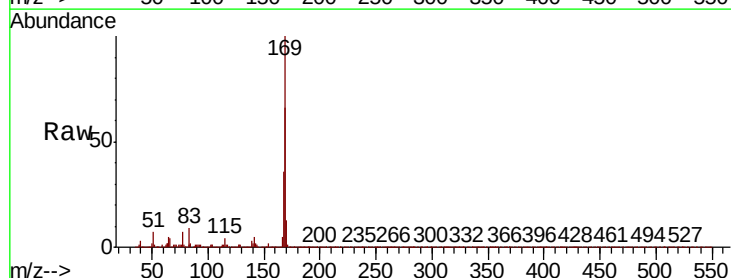
Instrument :
BNA_P
ClientSampleId :
PB131271BS

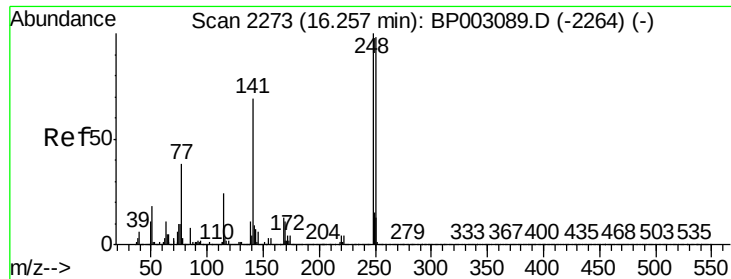
Tot Ion:198 Resp: 293746
Ion Ratio Lower Upper
198 100
51 22.6 2.4 42.4
105 35.4 16.1 56.1



#66
n-Nitrosodiphenylamine
Concen: 35.950 ng
RT: 15.57 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

Tgt Ion:169 Resp: 1610357
Ion Ratio Lower Upper
169 100
168 66.5 54.2 81.4
167 35.9 29.4 44.2

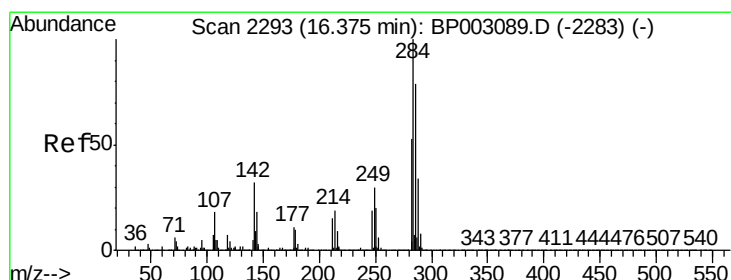
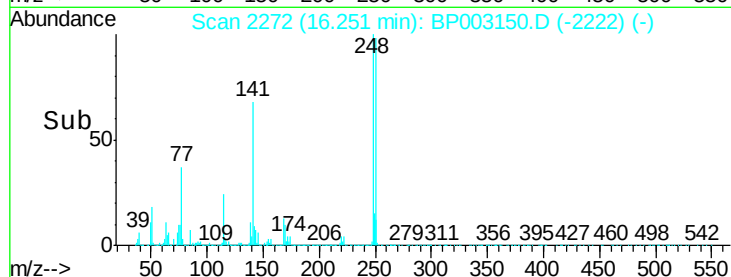
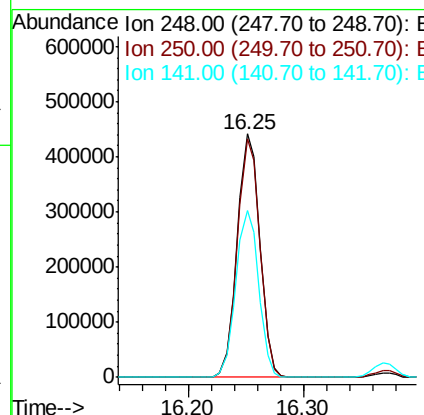
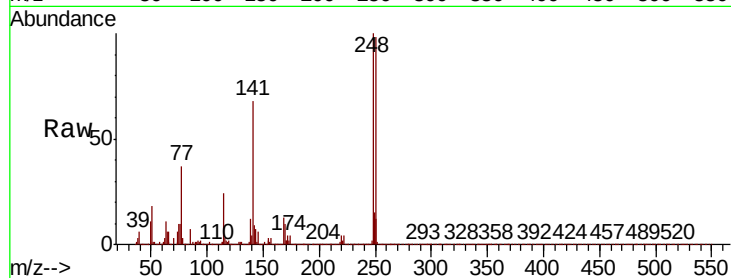




#67
4-Bromophenyl-phenylether
Concen: 35.536 ng
RT: 16.25 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

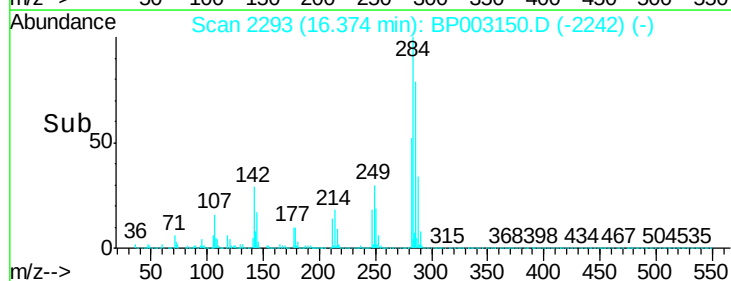
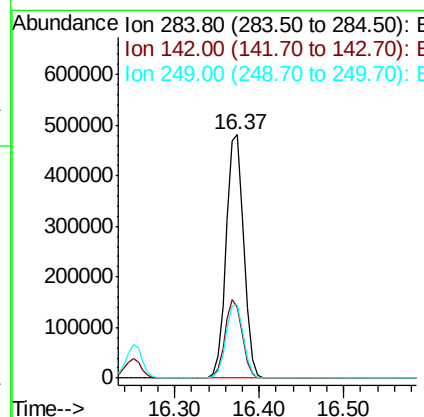
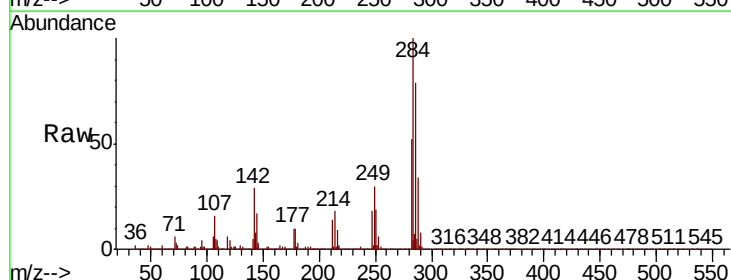
Instrument :
BNA_P
ClientSampleId :
PB131271BS

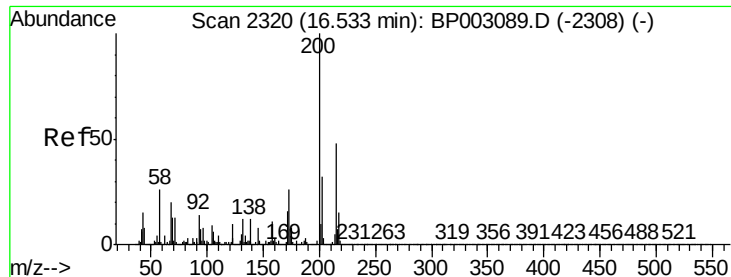
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.3	117.5
141	68.5	54.9	82.3



#68
Hexachlorobenzene
Concen: 34.397 ng
RT: 16.37 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.9	25.8	38.6
249	30.1	24.3	36.5





#69

Atrazine

Concen: 34.346 ng

RT: 16.53 min Scan# 2320

Delta R.T. -0.00 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Instrument :

BNA_P

ClientSampled :

PB131271BS

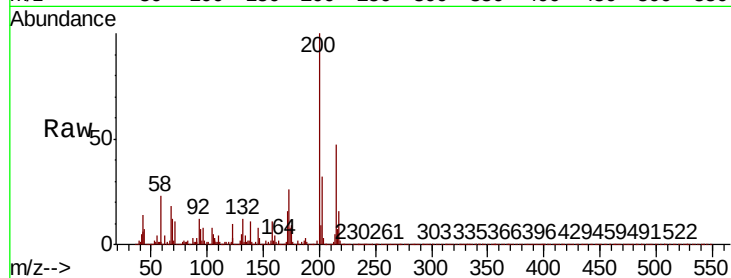
Tot Ion:200 Resp: 518911

Ion Ratio Lower Upper

200 100

173 26.1 6.3 46.3

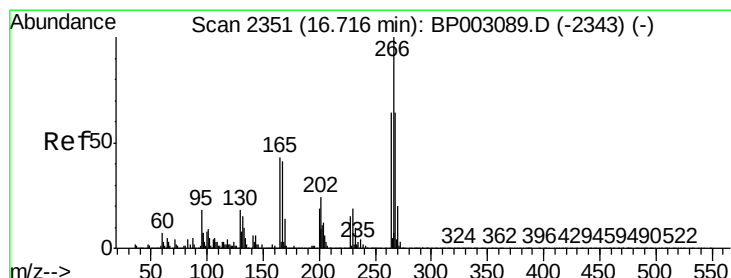
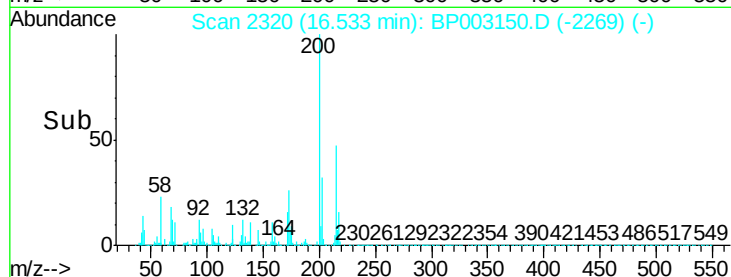
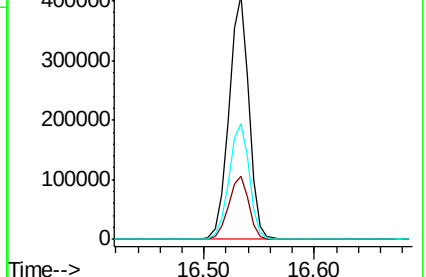
215 47.4 27.9 67.9



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: 85.571 ng

RT: 16.72 min Scan# 2351

Delta R.T. -0.00 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

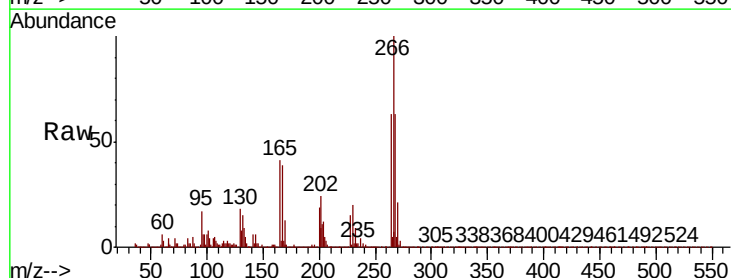
Tgt Ion:266 Resp: 823695

Ion Ratio Lower Upper

266 100

268 63.1 51.3 76.9

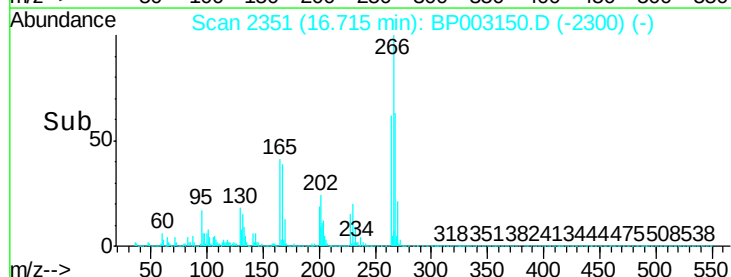
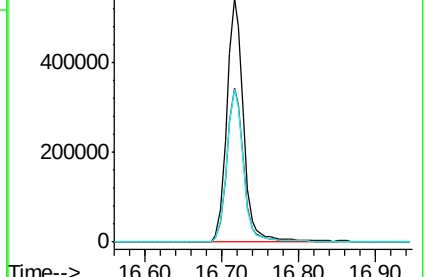
264 62.5 51.0 76.6

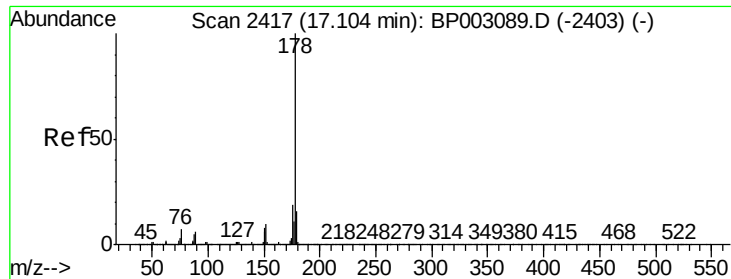


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

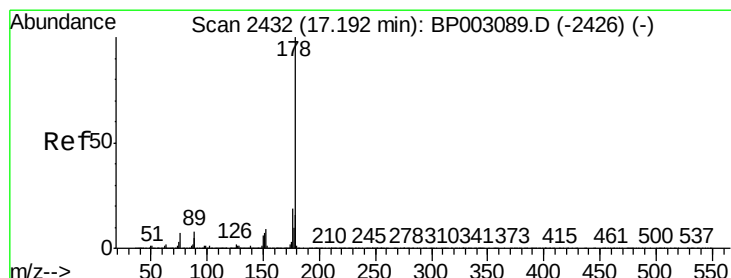
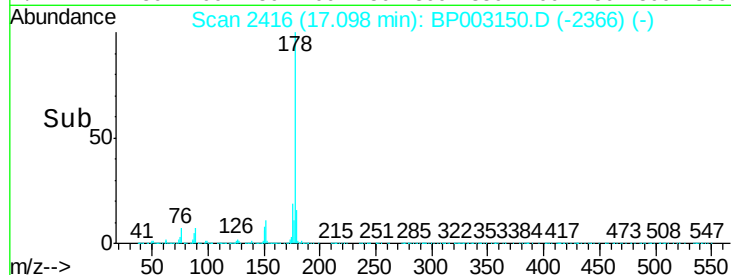
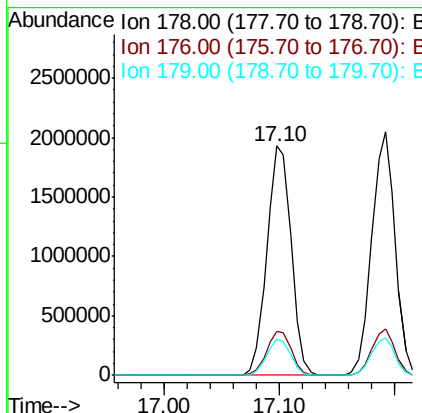
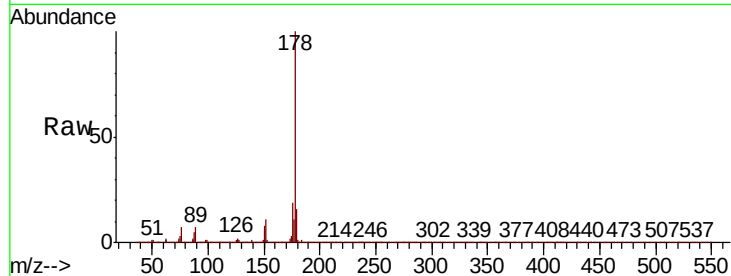




#71
Phenanthrene
Concen: 34.168 ng
RT: 17.10 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

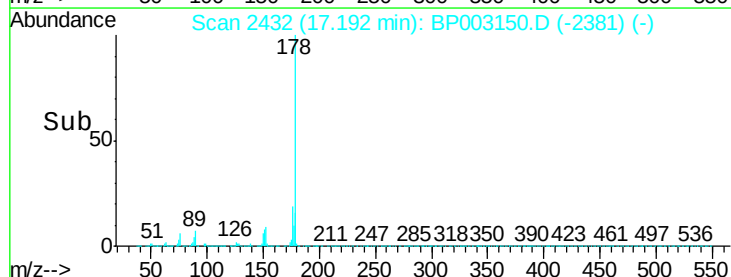
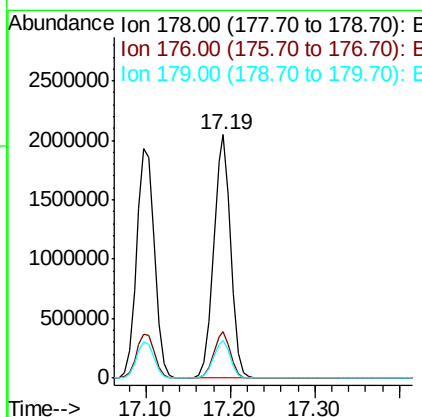
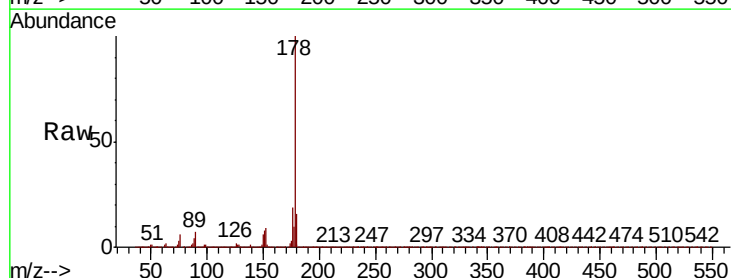
Instrument :
BNA_P
ClientSampleId :
PB131271BS

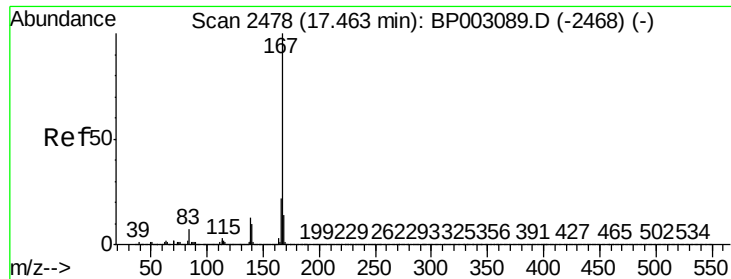
Tot Ion:178 Resp: 2836296
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.8 12.4 18.6



#72
Anthracene
Concen: 36.486 ng
RT: 17.19 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BP003150.D
Acq: 28 Aug 2020 14:48

Tgt Ion:178 Resp: 2898706
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 15.7 12.6 19.0

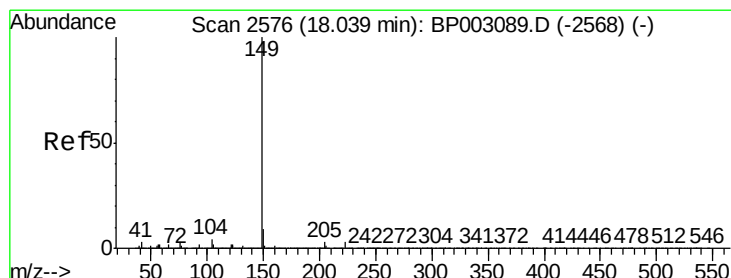
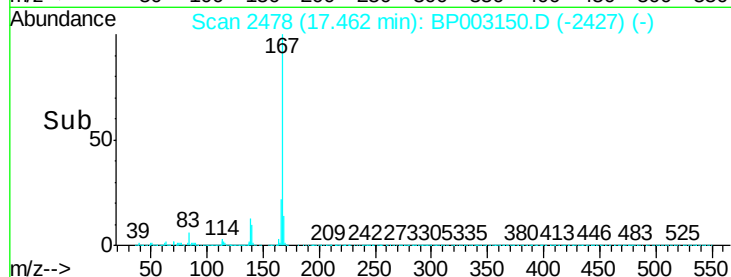
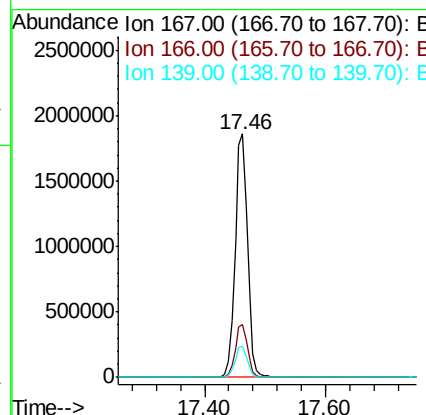
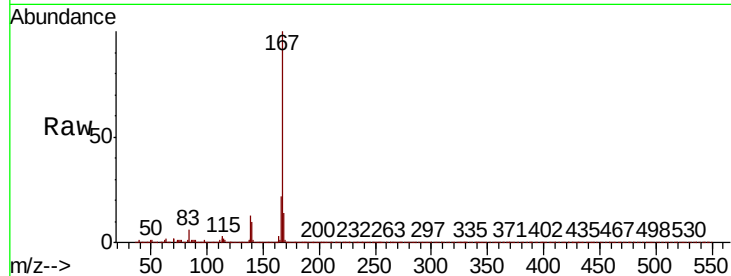




#73
 Carbazole
 Concen: 34.761 ng
 RT: 17.46 min Scan# 2478
 Delta R.T. -0.00 min
 Lab File: BP003150.D
 Acq: 28 Aug 2020 14:48

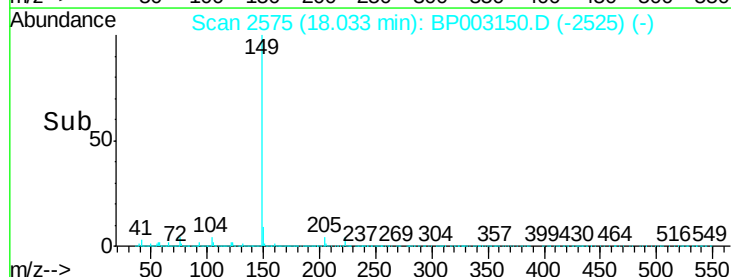
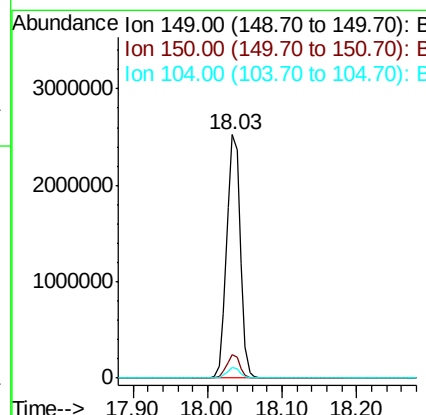
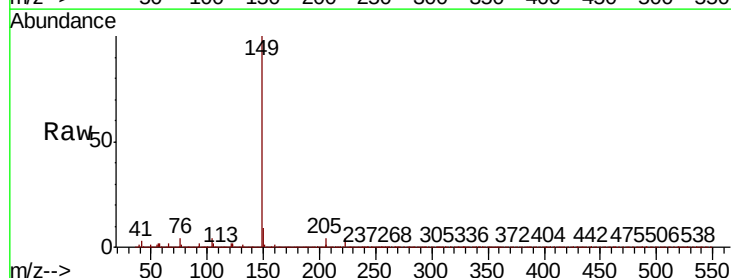
Instrument :
 BNA_P
 ClientSampleId :
 PB131271BS

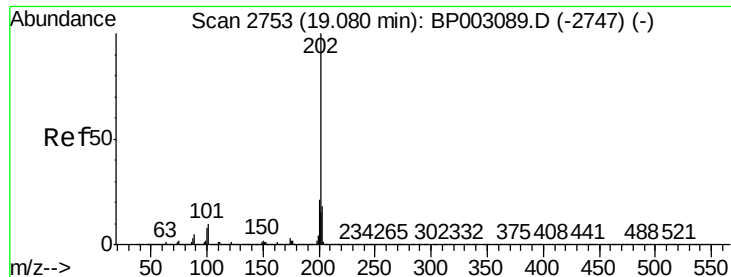
Tot Ion:167 Resp: 2650381
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 12.8 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 35.750 ng
 RT: 18.03 min Scan# 2575
 Delta R.T. -0.01 min
 Lab File: BP003150.D
 Acq: 28 Aug 2020 14:48

Tgt Ion:149 Resp: 3204267
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.3 3.3 4.9





#75

Fluoranthene

Concen: 34.459 ng

RT: 19.08 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Instrument :

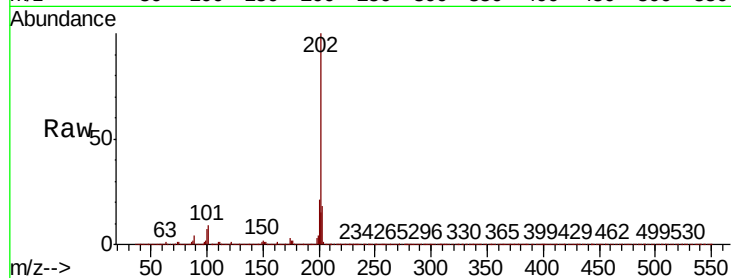
BNA_P

ClientSampleId :

PB131271BS

Tot Ion:202 Resp: 3306100

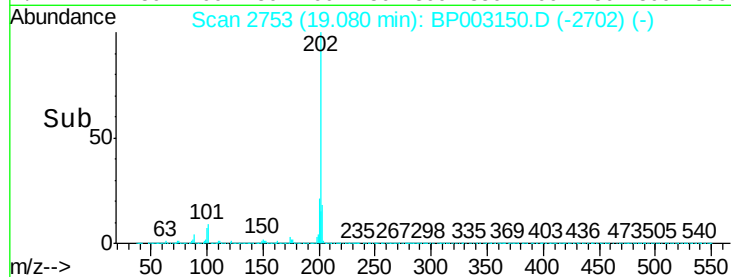
Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.0
203	17.8	0.0	37.7



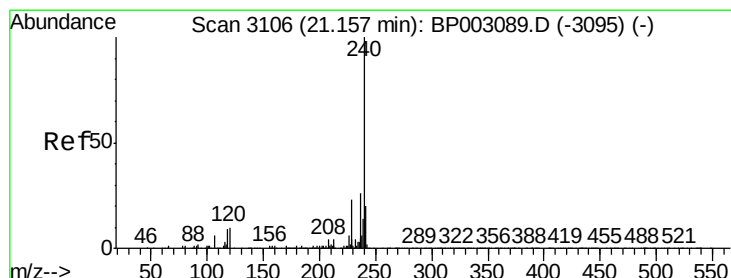
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3105

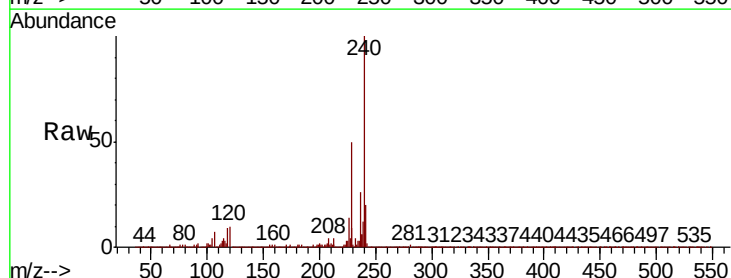
Delta R.T. -0.01 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Tgt Ion:240 Resp: 1425877

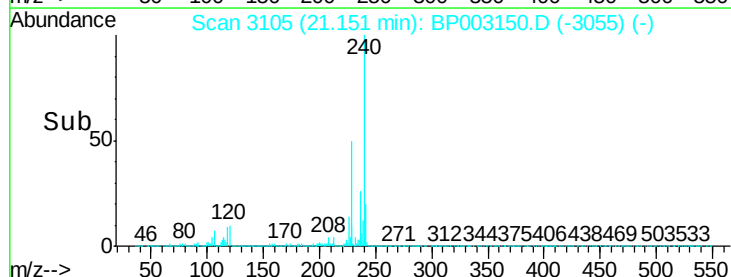
Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.4	12.6
236	25.8	20.6	31.0



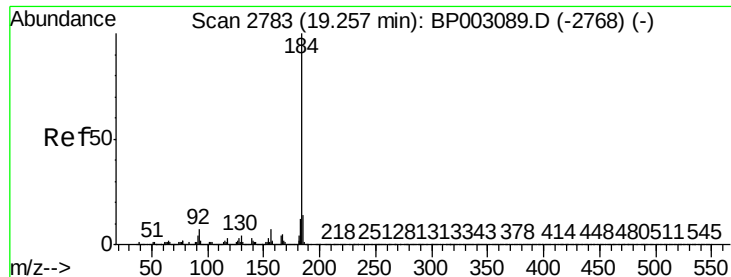
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Benzidine

Concen: 44.954 ng

RT: 19.26 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Instrument :

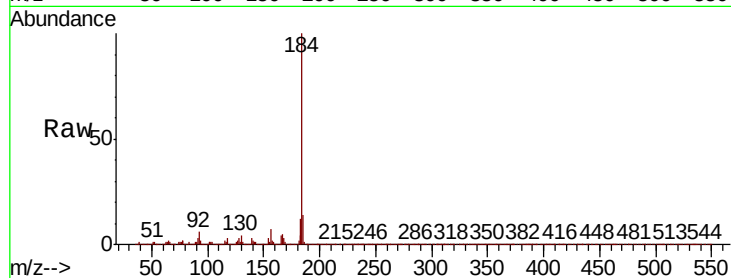
BNA_P

ClientSampleId :

PB131271BS

Tot Ion:184 Resp: 1464977

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.5	17.3
183	12.1	9.4	14.2

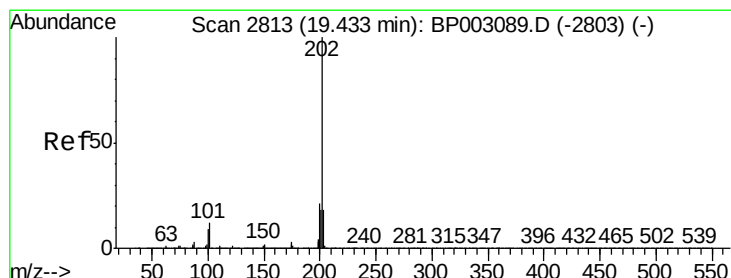
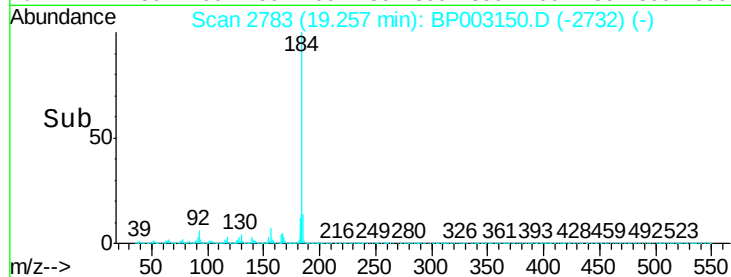
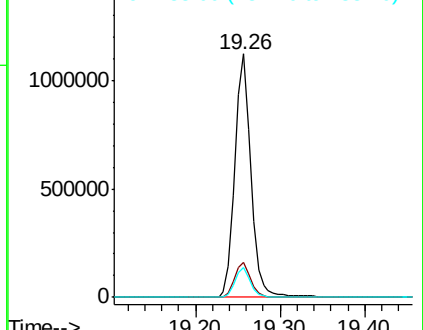


Abundance

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: 36.130 ng

RT: 19.43 min Scan# 2812

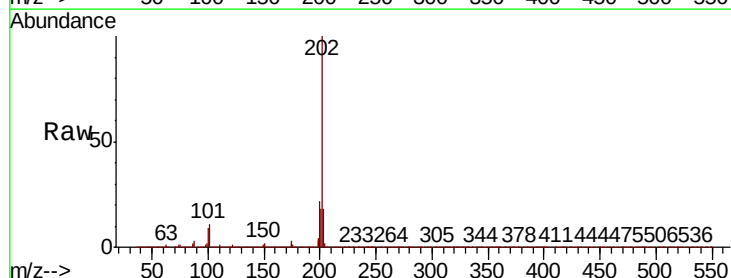
Delta R.T. -0.01 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Tgt Ion:202 Resp: 3343552

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.0	25.4
203	17.9	14.0	21.0

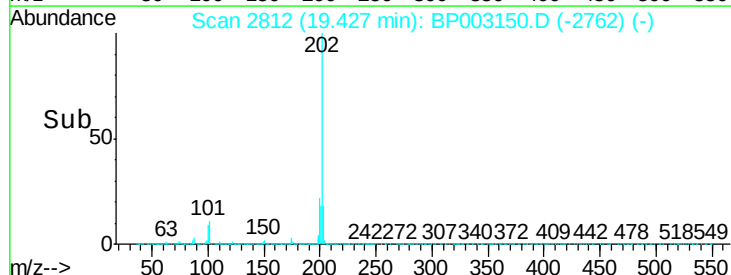
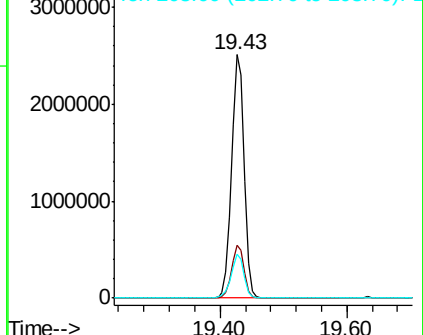


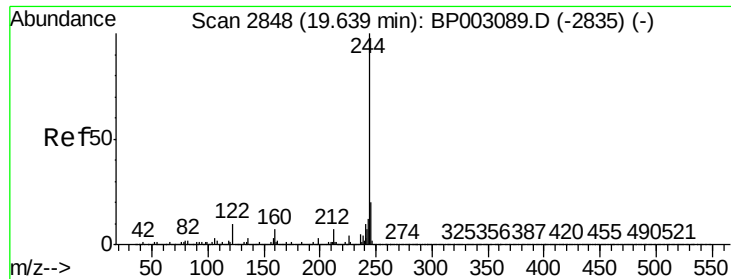
Abundance

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: 63.865 ng

RT: 19.63 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Instrument :

BNA_P

ClientSampleId :

PB131271BS

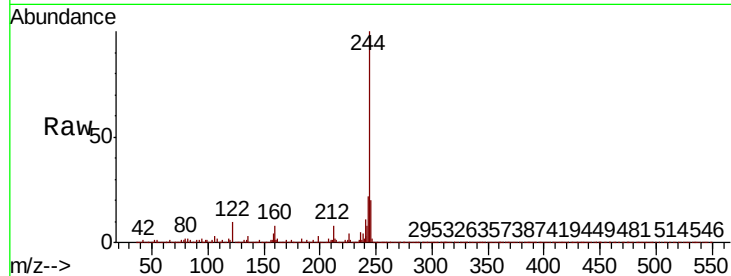
Tot Ion:244 Resp: 4138474

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

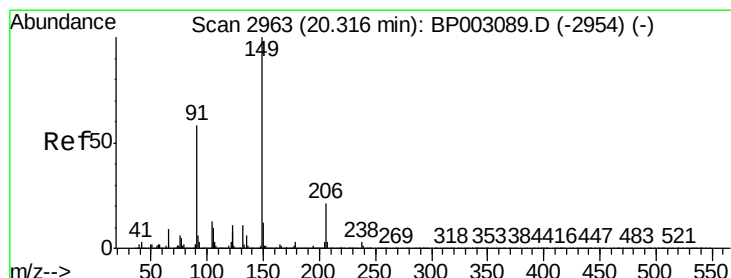
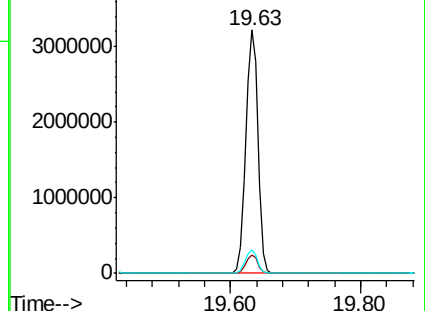
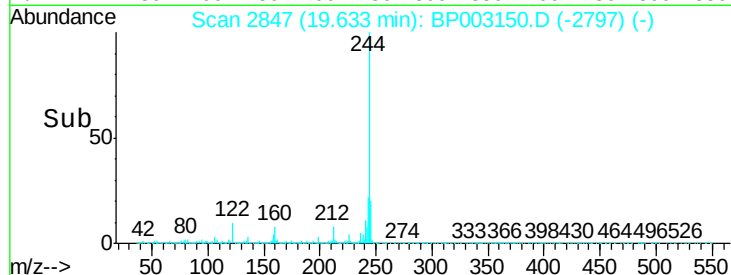
122 9.6 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.355 ng

RT: 20.32 min Scan# 2963

Delta R.T. -0.00 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

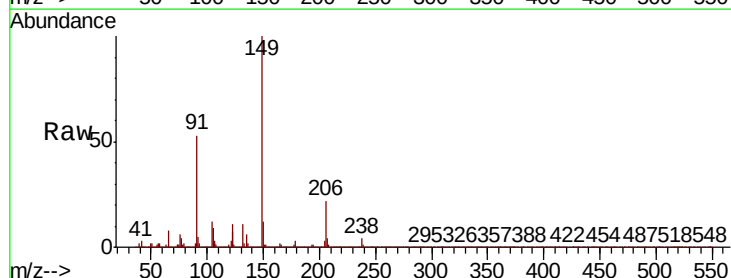
Tgt Ion:149 Resp: 1461453

Ion Ratio Lower Upper

149 100

91 53.3 46.8 70.2

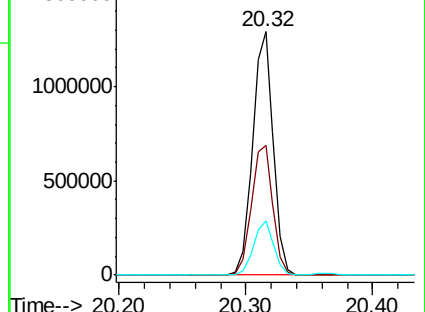
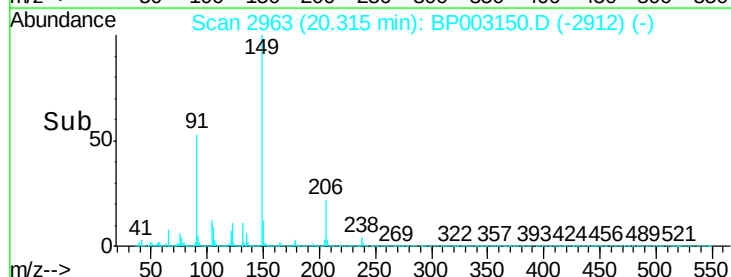
206 22.3 16.8 25.2

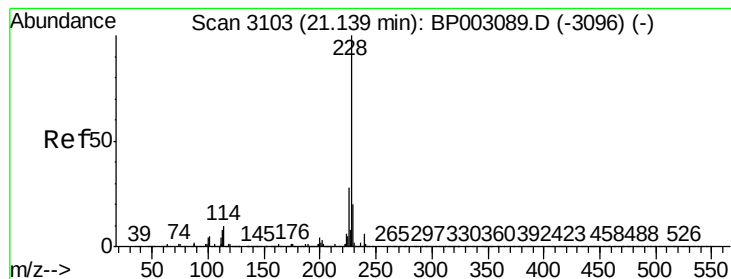


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.261 ng

RT: 21.14 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Instrument :

BNA_P

ClientSampleId :

PB131271BS

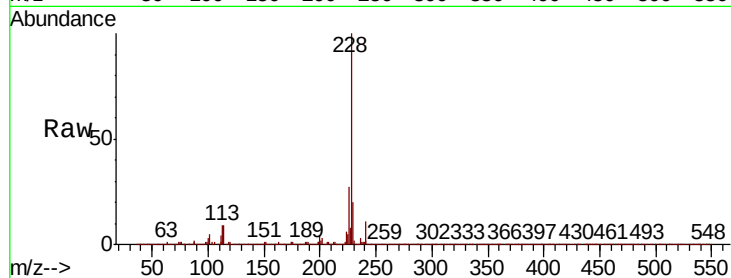
Tot Ion:228 Resp: 3149344

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.0	33.0
229	19.9	16.2	24.2

228 100

226 27.3 22.0 33.0

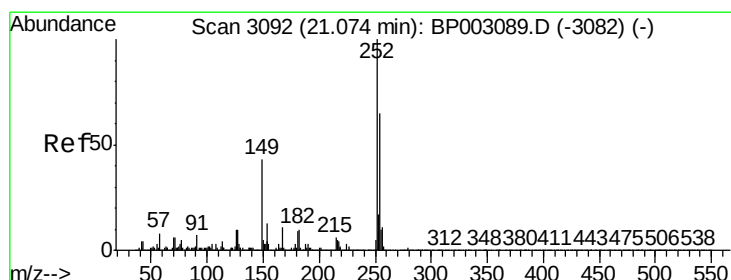
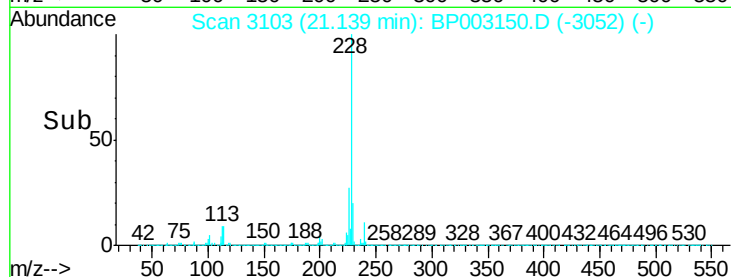
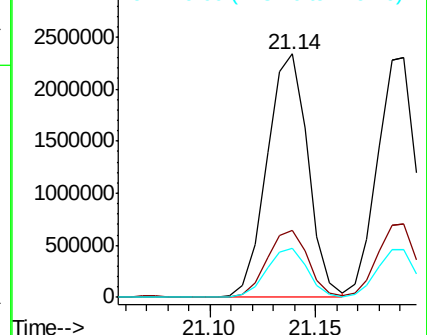
229 19.9 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.949 ng

RT: 21.07 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

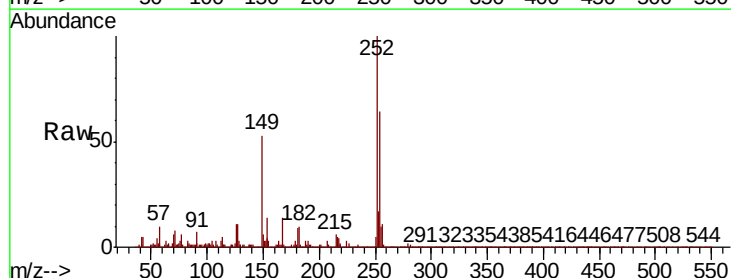
Tgt Ion:252 Resp: 951063

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.9	77.9
126	10.6	8.4	12.6

252 100

254 64.5 51.9 77.9

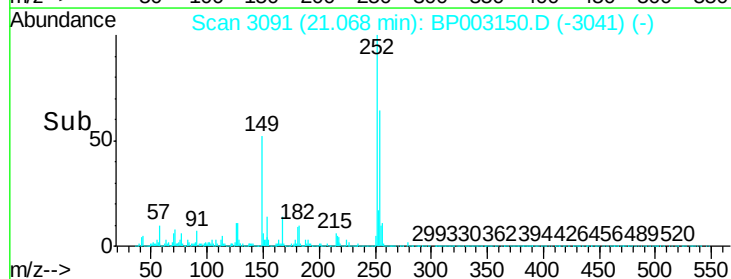
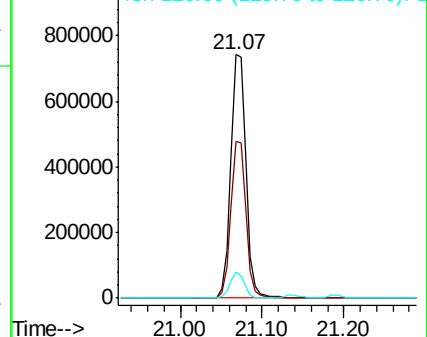
126 10.6 8.4 12.6

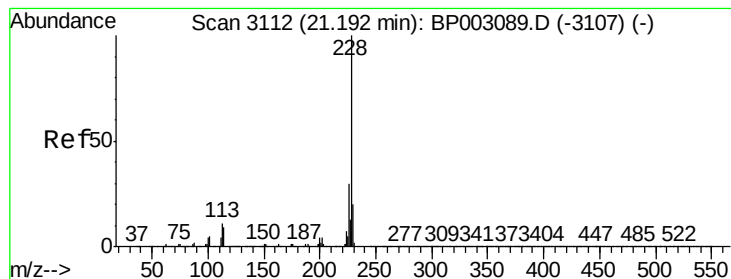


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 34.317 ng

RT: 21.19 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Instrument :

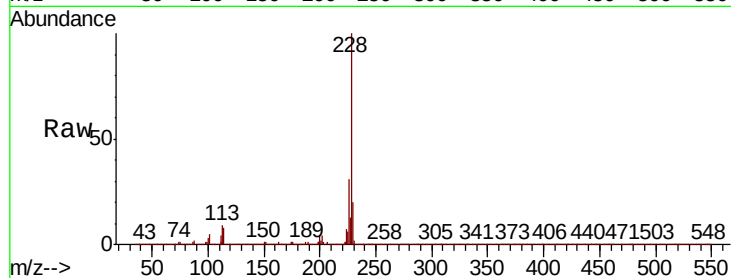
BNA_P

ClientSampleId :

PB131271BS

Tot Ion:228 Resp: 2934631

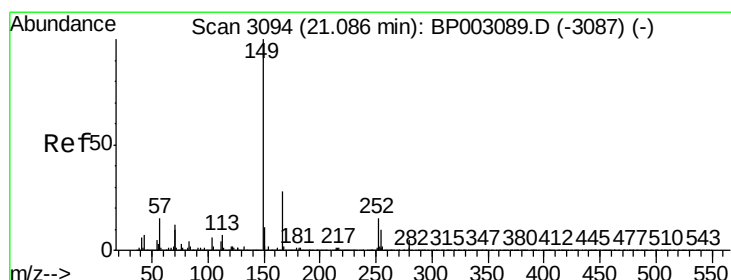
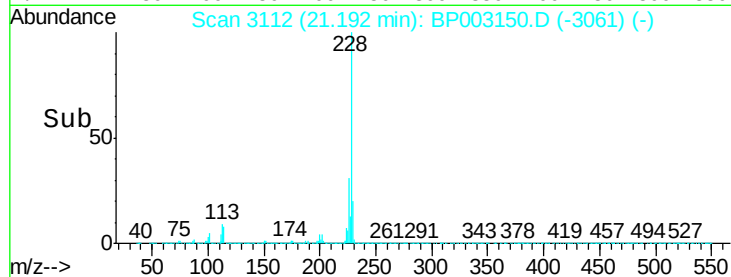
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	20.1	16.0	24.0



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.033 ng

RT: 21.08 min Scan# 3093

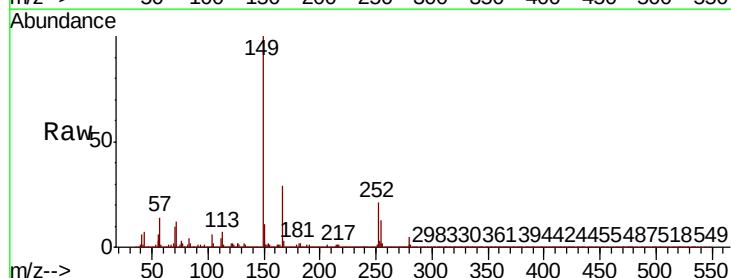
Delta R.T. -0.01 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Tgt Ion:149 Resp: 2037787

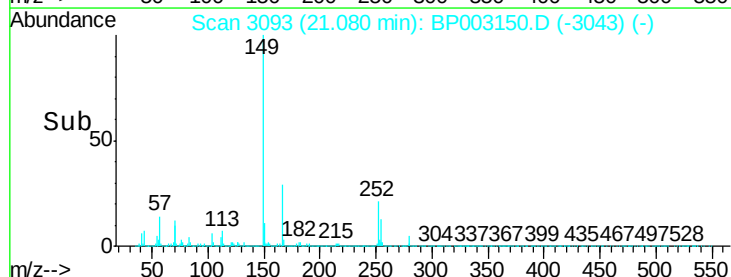
Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.5	33.7
279	5.1	3.8	5.8

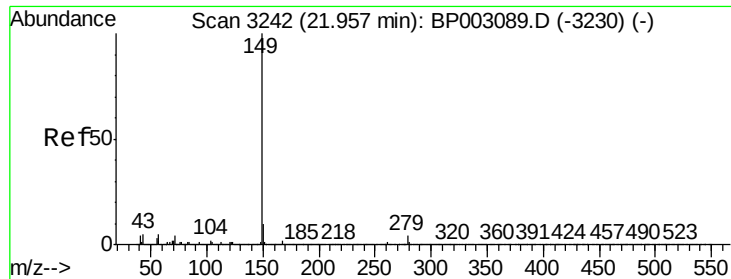


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.635 ng

RT: 21.95 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Instrument :

BNA_P

ClientSampleId :

PB131271BS

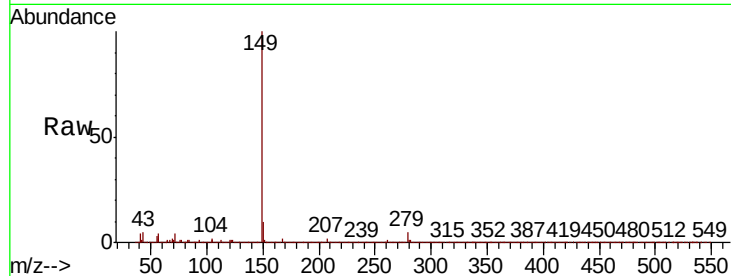
Tot Ion:149 Resp: 3550694

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

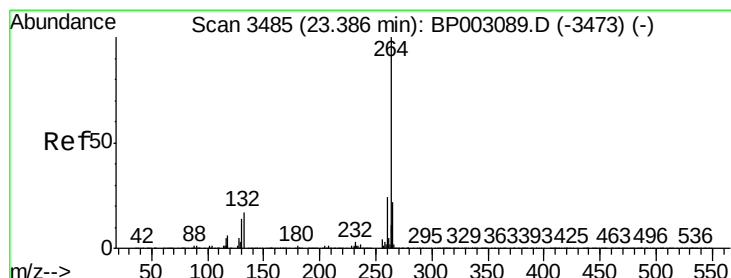
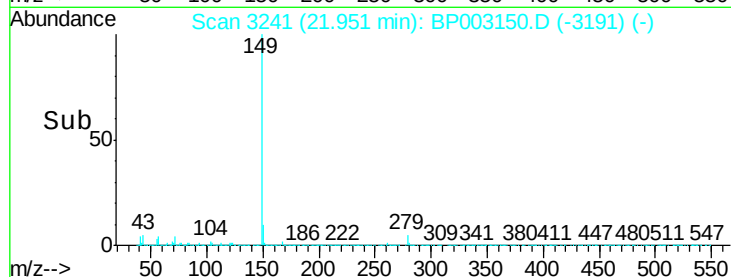
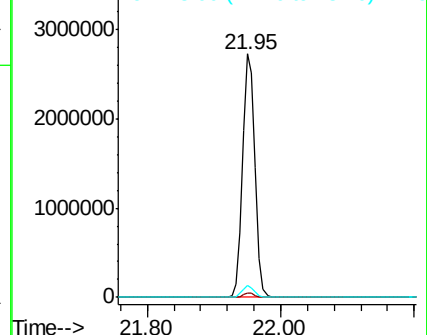
43 4.5 3.8 5.6



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

Perylene-d12

Concen: 20.000 ng

RT: 23.39 min Scan# 3485

Delta R.T. -0.00 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

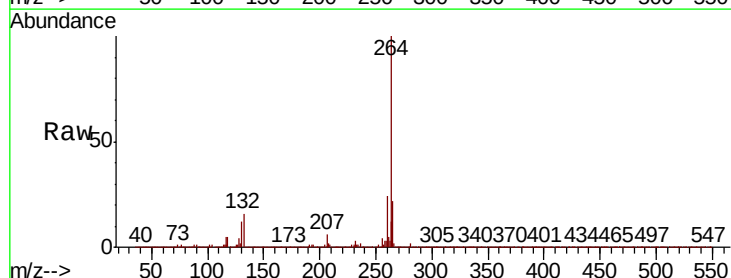
Tgt Ion:264 Resp: 1555726

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

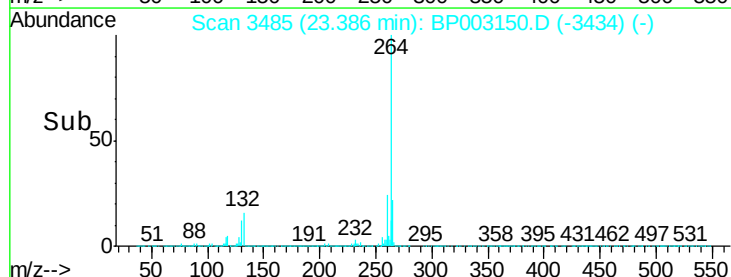
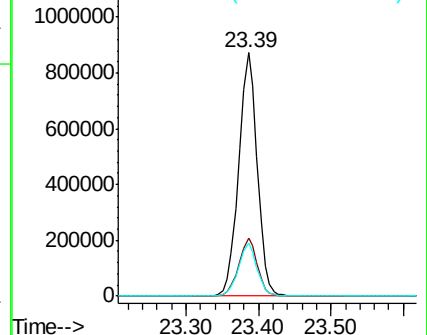
265 21.7 17.7 26.5

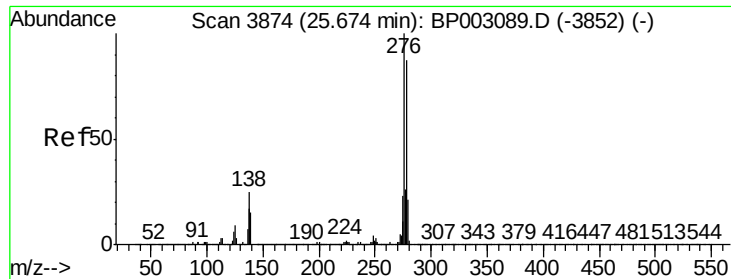


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



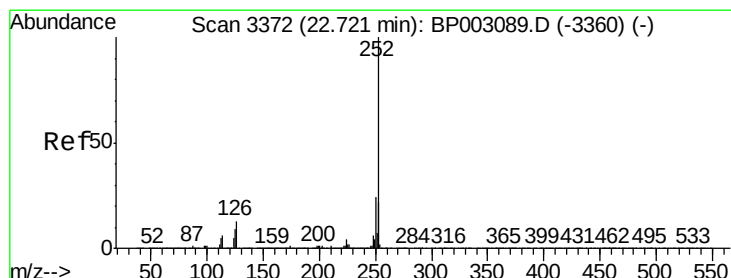
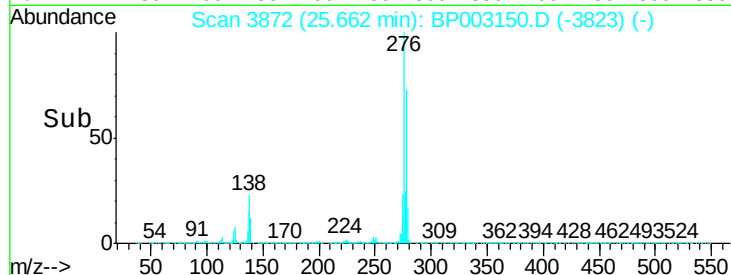
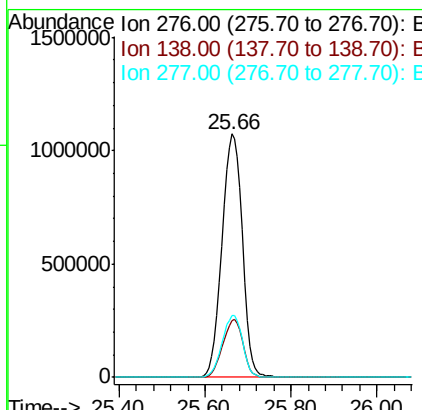
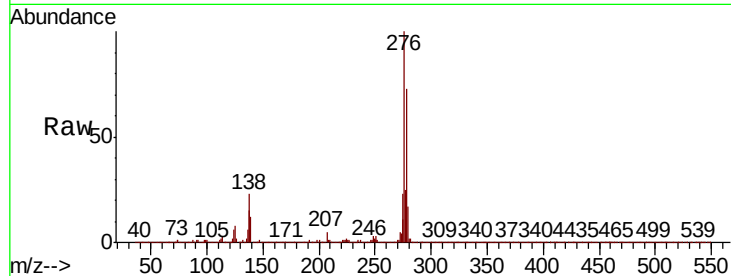


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 30.227 ng
 RT: 25.66 min Scan# 3872
 Delta R.T. -0.01 min
 Lab File: BP003150.D
 Acq: 28 Aug 2020 14:48

Instrument :
 BNA_P
 ClientSampleId :
 PB131271BS

Tot Ion:276 Resp: 3506823

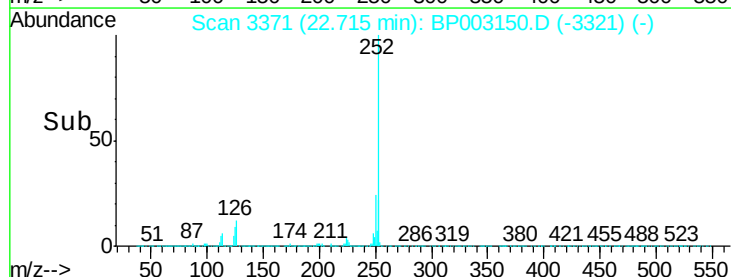
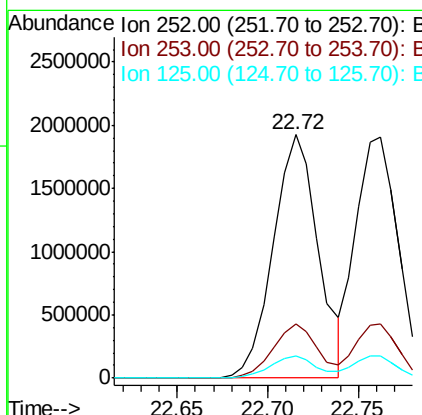
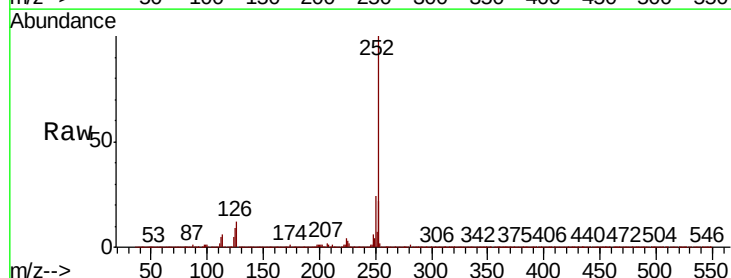
Ion	Ratio	Lower	Upper
276	100		
138	23.6	20.2	30.4
277	25.5	20.4	30.6

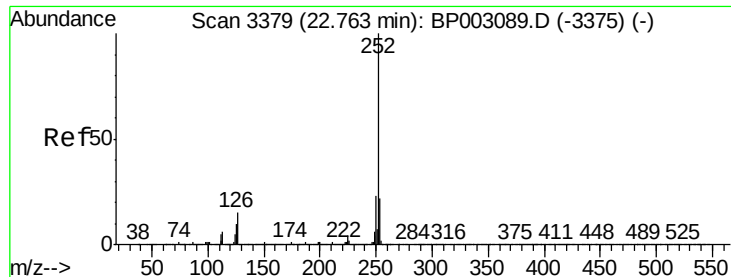


#88
 Benzo(b)fluoranthene
 Concen: 34.477 ng
 RT: 22.72 min Scan# 3371
 Delta R.T. -0.01 min
 Lab File: BP003150.D
 Acq: 28 Aug 2020 14:48

Tgt Ion:252 Resp: 3333721

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	9.2	7.6	11.4





#89

Benzo(k)fluoranthene

Concen: 33.591 ng

RT: 22.76 min Scan# 3379

Delta R.T. -0.00 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Instrument :

BNA_P

ClientSampleId :

PB131271BS

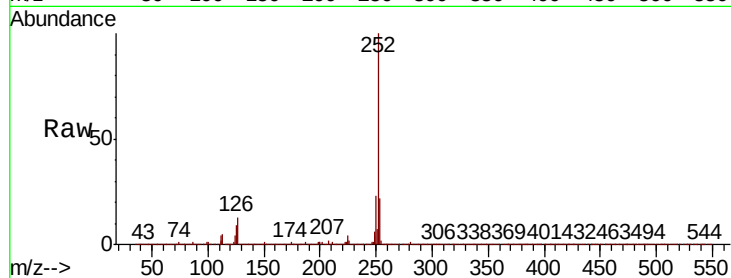
Tot Ion:252 Resp: 3103351

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

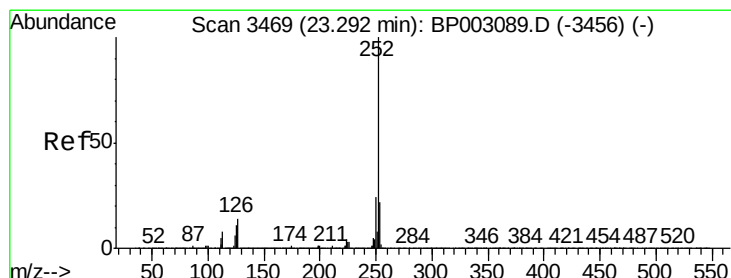
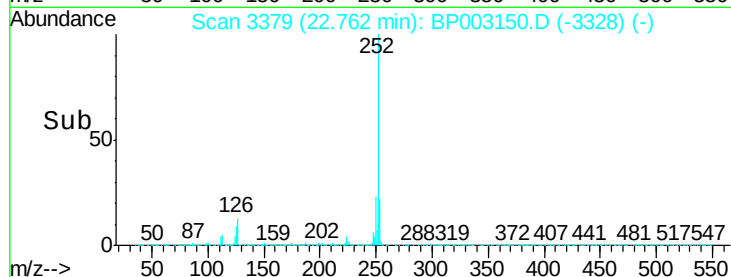
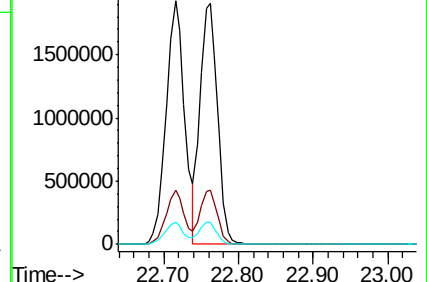
125 9.0 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 32.754 ng

RT: 23.29 min Scan# 3469

Delta R.T. -0.00 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

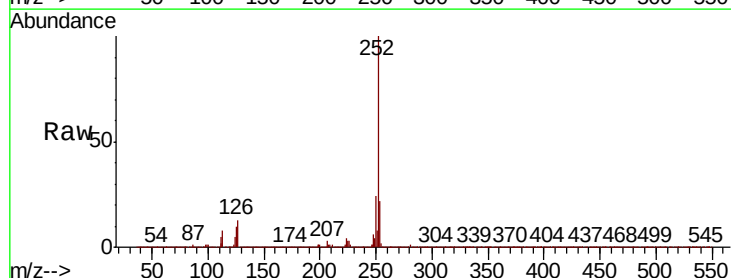
Tgt Ion:252 Resp: 2938193

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

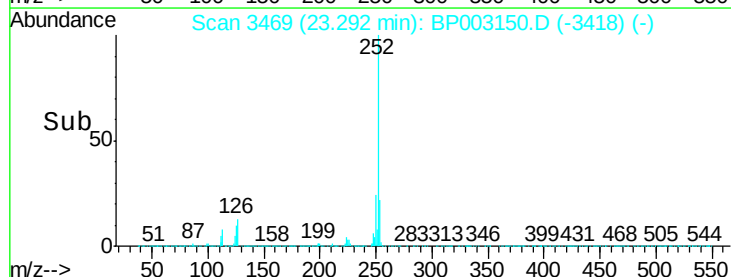
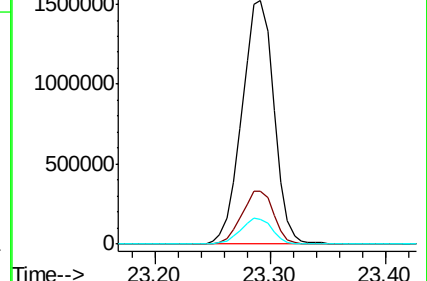
125 10.4 8.8 13.2

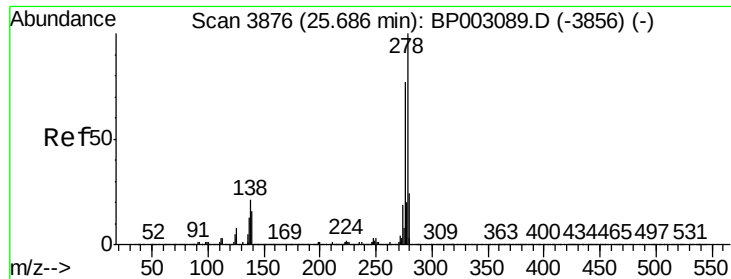


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 30.708 ng

RT: 25.68 min Scan# 3875

Delta R.T. -0.01 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Instrument :

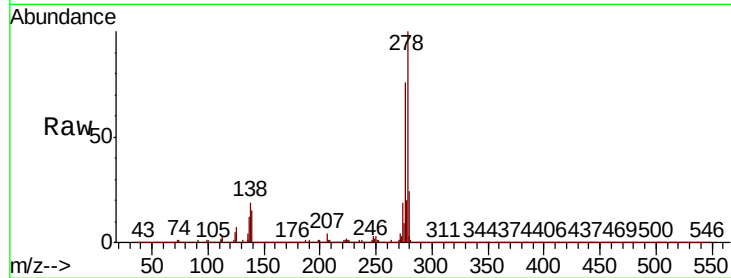
BNA_P

ClientSampleId :

PB131271BS

Tot Ion:278 Resp: 2926681

Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.8	19.2
279	23.9	19.0	28.6

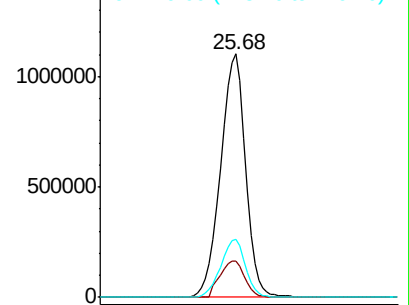


Abundance

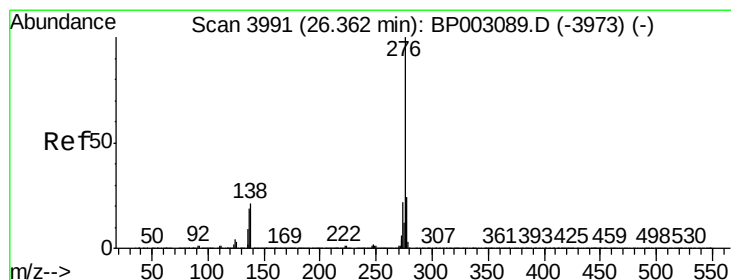
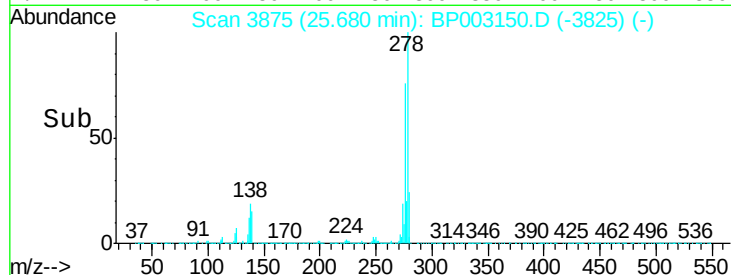
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 30.694 ng

RT: 26.36 min Scan# 3990

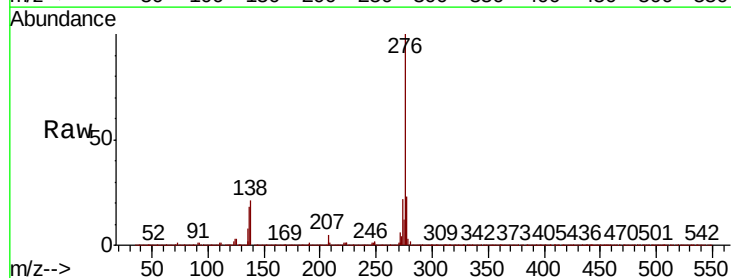
Delta R.T. -0.01 min

Lab File: BP003150.D

Acq: 28 Aug 2020 14:48

Tgt Ion:276 Resp: 2935695

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.2
138	21.1	17.0	25.6

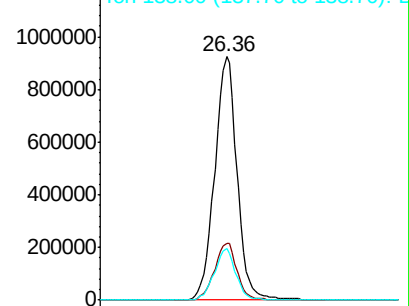


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->

