

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082720\
 Data File : BP003132.D
 Acq On : 27 Aug 2020 15:14
 Operator : CG/JU
 Sample : PB131234BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131234BSD

Quant Time: Aug 27 16:29:22 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	220598	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	852104	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	499882	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1018084	20.00	ng	0.00
76) Chrysene-d12	21.15	240	999565	20.00	ng	0.00
86) Perylene-d12	23.38	264	1122325	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	1250886	100.25	ng	0.00
7) Phenol-d6	6.85	99	1461746	93.46	ng	0.00
23) Nitrobenzene-d5	8.81	82	847137	71.67	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	687050	101.62	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2476615	72.55	ng	0.00
79) Terphenyl-d14	19.63	244	3194477	70.32	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.21	88	239266	50.160	ng	100
3) Pyridine	3.59	79	348102	27.730	ng	99
4) n-Nitrosodimethylamine	3.51	42	125711	38.348	ng	94
6) Aniline	6.99	93	632940	37.168	ng	99
8) 2-Chlorophenol	7.23	128	574103	41.273	ng	99
9) Benzaldehyde	6.80	77	275438	37.772	ng	98
10) Phenol	6.88	94	589672	40.682	ng	97
11) bis(2-Chloroethyl)ether	7.09	93	439869	38.341	ng	99
12) 1,3-Dichlorobenzene	7.55	146	619707	36.640	ng	99
13) 1,4-Dichlorobenzene	7.70	146	629575	36.872	ng	98
14) 1,2-Dichlorobenzene	8.01	146	611307	37.764	ng	99
15) Benzyl Alcohol	7.90	79	374816	42.532	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	357376	36.759	ng	99
17) 2-Methylphenol	8.11	107	428677	41.515	ng	99
18) Hexachloroethane	8.74	117	207776	37.196	ng	97
19) n-Nitroso-di-n-propylamine	8.47	70	279537	39.558	ng	99
20) 3+4-Methylphenols	8.43	107	574508	41.293	ng	98
22) Acetophenone	8.48	105	721464	38.019	ng	100
24) Nitrobenzene	8.85	77	453171	39.035	ng	100
25) Isophorone	9.38	82	858766	41.178	ng	99
26) 2-Nitrophenol	9.56	139	297339	42.971	ng	96
27) 2,4-Dimethylphenol	9.63	122	497629	47.839	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	575903	37.076	ng	98
29) 2,4-Dichlorophenol	10.10	162	534855	41.444	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	571136	37.169	ng	99
31) Naphthalene	10.49	128	1691388	38.635	ng	100
32) Benzoic acid	9.78	122	273293	36.593	ng	96
33) 4-Chloroaniline	10.60	127	500231	27.347	ng	99
34) Hexachlorobutadiene	10.79	225	337544	36.602	ng	98
35) Caprolactam	11.36	113	156963	40.473	ng	98
36) 4-Chloro-3-methylphenol	11.74	107	495851	41.150	ng	99
37) 2-Methylnaphthalene	12.11	142	1232147	39.344	ng	99
38) 1-Methylnaphthalene	12.33	142	1154094	38.772	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	603089	40.705	ng	99

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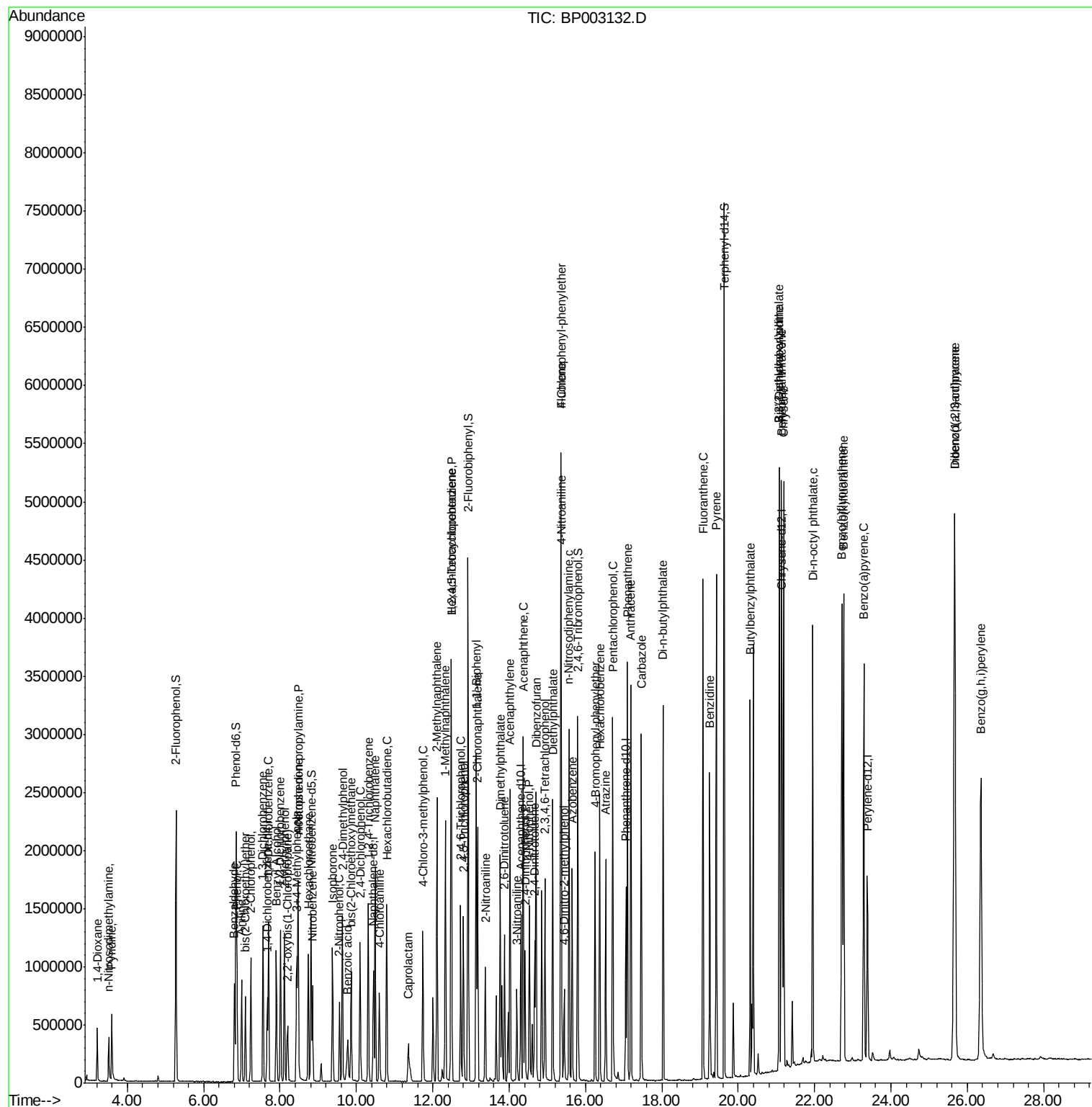
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	751161	107.251	nq	99
43) 2,4,6-Trichlorophenol	12.73	196	405790	41.653	nq	99
44) 2,4,5-Trichlorophenol	12.80	196	452452	43.907	nq	99
46) 1,1'-Biphenyl	13.13	154	1539077	41.047	nq	99
47) 2-Chloronaphthalene	13.17	162	1172020	38.187	nq	99
48) 2-Nitroaniline	13.37	65	234712	40.844	nq	97
49) Acenaphthylene	14.02	152	1907685	41.105	nq	100
50) Dimethylphthalate	13.77	163	1472956	38.639	nq	100
51) 2,6-Dinitrotoluene	13.87	165	329275	41.561	nq	97
52) Acenaphthene	14.37	154	1125069	39.460	nq	99
53) 3-Nitroaniline	14.20	138	267172	29.764	nq	99
54) 2,4-Dinitrophenol	14.42	184	323744	75.307	nq	98
55) Dibenzofuran	14.70	168	1756613	39.230	nq	100
56) 4-Nitrophenol	14.53	139	569099	88.126	nq	98
57) 2,4-Dinitrotoluene	14.67	165	445052	41.779	nq	99
58) Fluorene	15.36	166	1369906	39.715	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	396428	42.520	nq	99
60) Diethylphthalate	15.14	149	1452195	38.829	nq	100
61) 4-Chlorophenyl-phenylether	15.36	204	696187	39.084	nq	100
62) 4-Nitroaniline	15.37	138	343647	37.244	nq	99
63) Azobenzene	15.65	77	986676	39.750	nq	98
65) 4,6-Dinitro-2-methylphenol	15.44	198	228910	47.015	nq	98
66) n-Nitrosodiphenylamine	15.57	169	1244376	41.801	nq	99
67) 4-Bromophenyl-phenylether	16.25	248	452155	40.241	nq	99
68) Hexachlorobenzene	16.37	284	529595	39.589	nq	99
69) Atrazine	16.53	200	386256	38.470	nq	99
70) Pentachlorophenol	16.72	266	631821	98.769	nq	99
71) Phenanthrene	17.10	178	2200019	39.880	nq	100
72) Anthracene	17.19	178	2236488	42.360	nq	100
73) Carbazole	17.46	167	2061223	40.679	nq	99
74) Di-n-butylphthalate	18.03	149	2433772	40.859	nq	100
75) Fluoranthene	19.07	202	2538196	39.809	nq	100
77) Benzidine	19.25	184	1524372	66.727	nq	100
78) Pyrene	19.43	202	2566468	39.560	nq	100
80) Butylbenzylphthalate	20.31	149	1105721	41.395	nq	98
81) Benzo(a)anthracene	21.13	228	2511402	40.111	nq	100
82) 3,3'-Dichlorobenzidine	21.07	252	831976	36.125	nq	100
83) Chrysene	21.19	228	2375864	39.632	nq	100
84) Bis(2-ethylhexyl)phthalate	21.08	149	1605944	41.632	nq	99
85) Di-n-octyl phthalate	21.95	149	2827602	42.753	nq	100
87) Indeno(1,2,3-cd)pyrene	25.66	276	3593863	42.939	nq	100
88) Benzo(b)fluoranthene	22.71	252	2745094	39.353	nq	99
89) Benzo(k)fluoranthene	22.76	252	2722525	40.849	nq	100
90) Benzo(a)pyrene	23.29	252	2632575	40.680	nq	99
91) Dibenzo(a,h)anthracene	25.67	278	3016996	43.880	nq	100
92) Benzo(g,h,i)perylene	26.36	276	3123306	45.266	nq	99

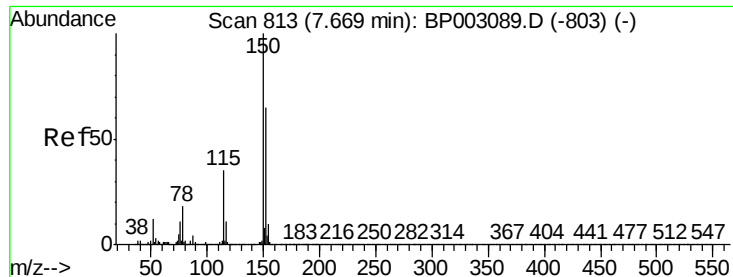
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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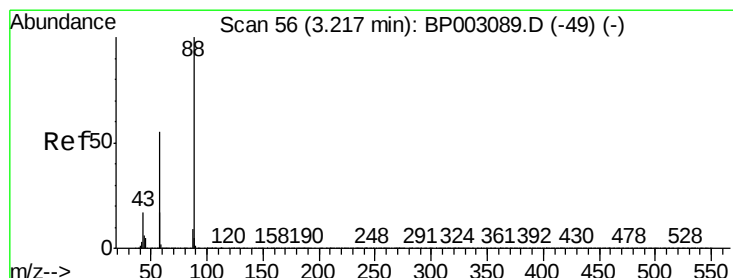
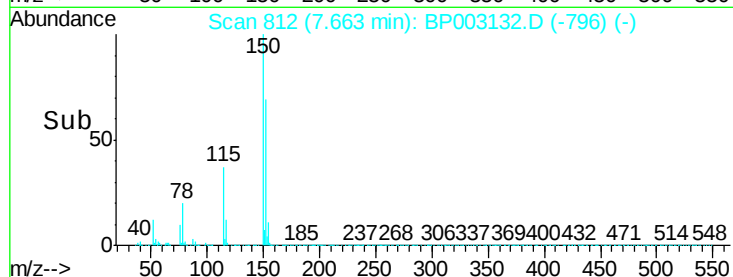
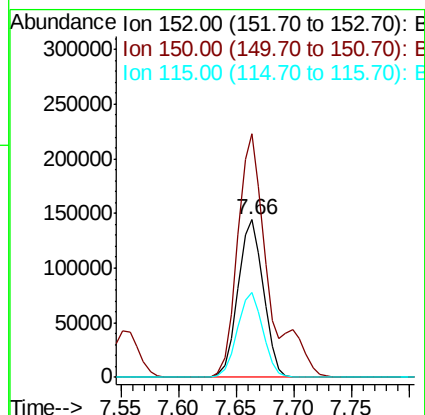
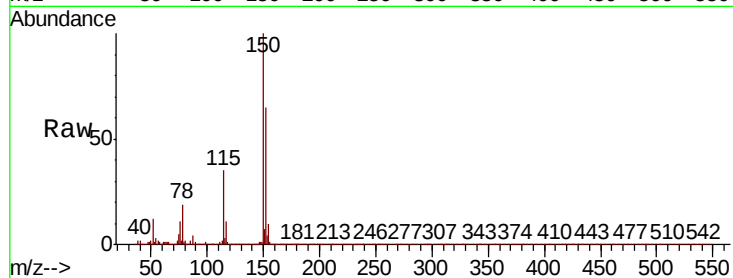


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

Instrument :
BNA_P
ClientSampleId :
PB131234BSD

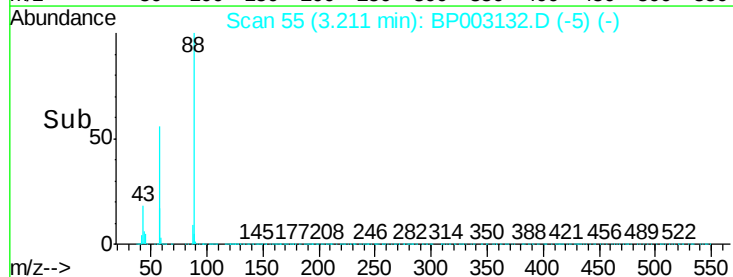
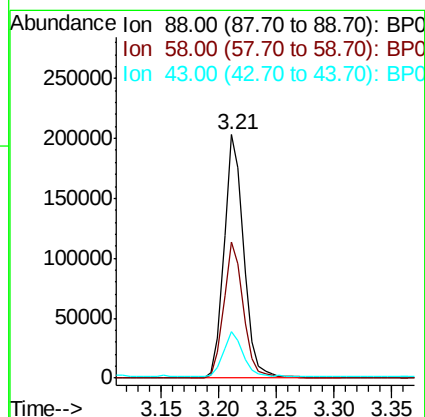
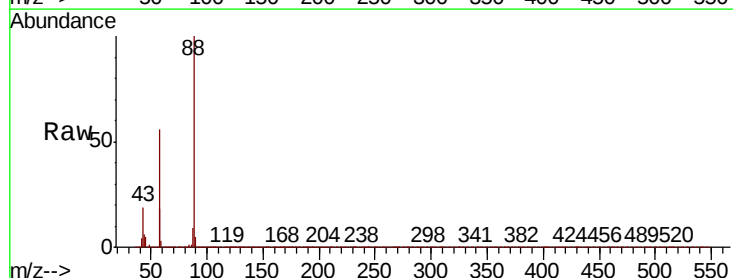
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.1	184.7
115	54.0	42.8	64.2

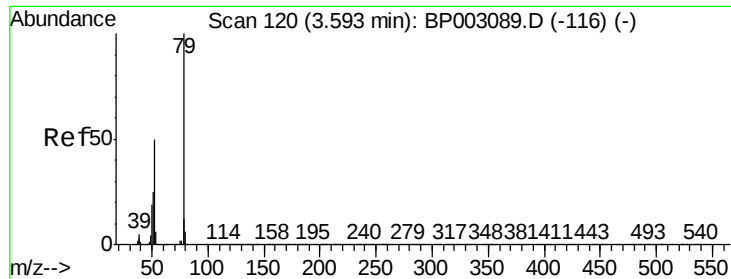


#2

1,4-Dioxane
Concen: 50.160 ng
RT: 3.21 min Scan# 55
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.3	44.3	66.5
43	18.2	14.3	21.5





#3

Pvridine

Concen: 27.730 ng

RT: 3.59 min Scan# 120

Delta R.T. 0.00 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Instrument :

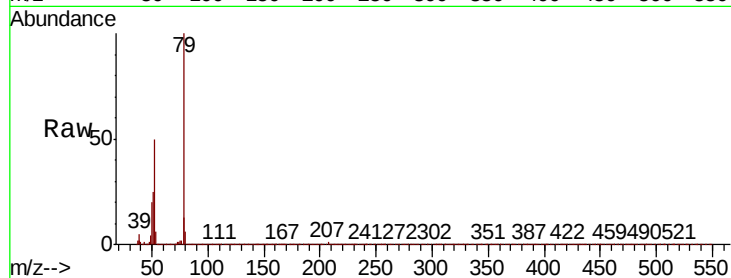
BNA_P

ClientSampleId :

PB131234BSD

Tot Ion: 79 Resp: 348102

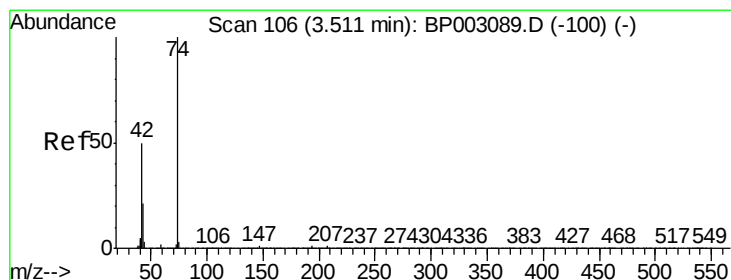
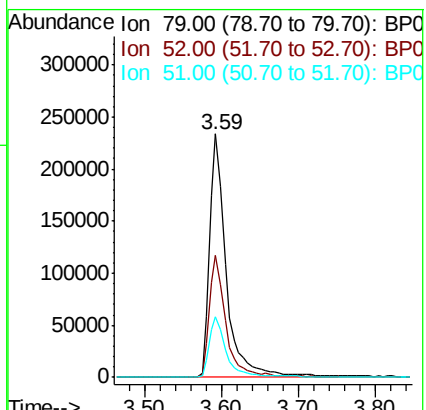
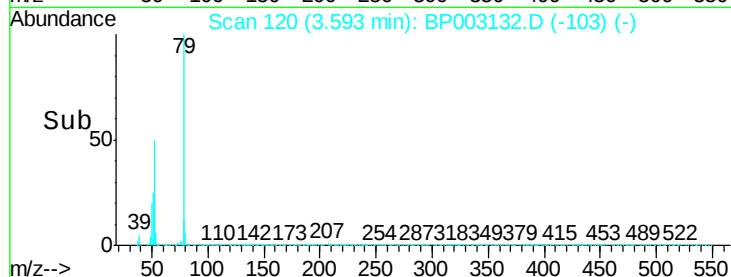
Ion	Ratio	Lower	Upper
79	100		
52	50.2	39.8	59.8
51	25.0	20.2	30.2



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: 38.348 ng

RT: 3.51 min Scan# 106

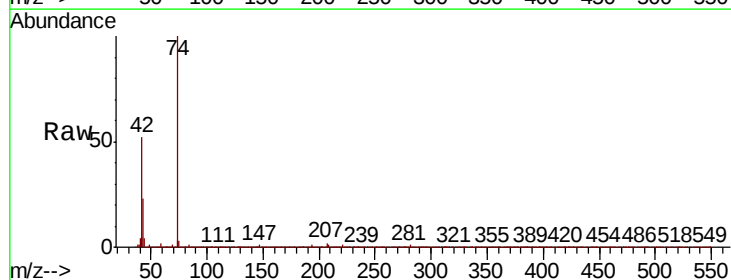
Delta R.T. 0.00 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Tgt Ion: 42 Resp: 125711

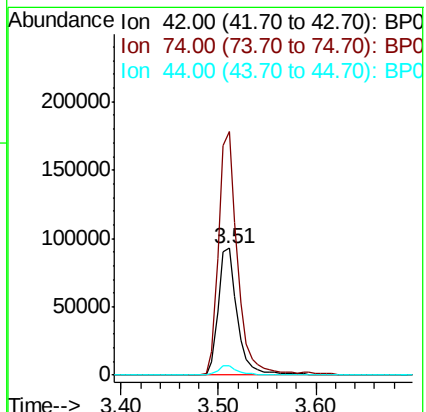
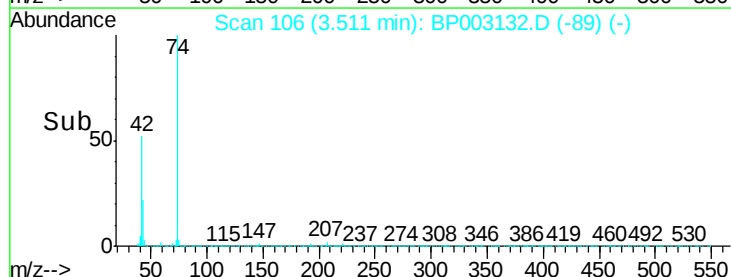
Ion	Ratio	Lower	Upper
42	100		
74	192.3	161.0	241.6
44	6.9	5.6	8.4

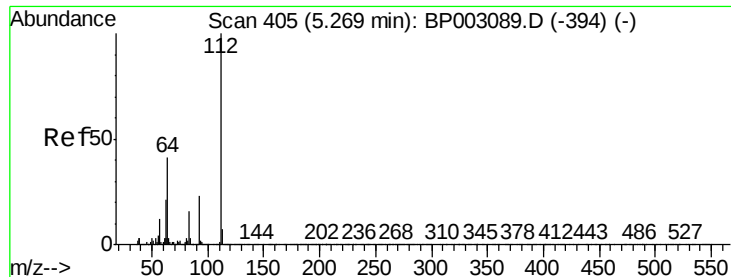


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 100.255 ng

RT: 5.28 min Scan# 406

Delta R.T. 0.01 min

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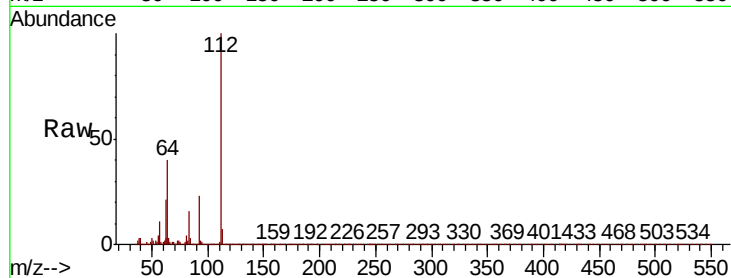
Tot Ion:112 Resp: 1250886

Ion Ratio Lower Upper

112 100

64 39.6 33.0 49.6

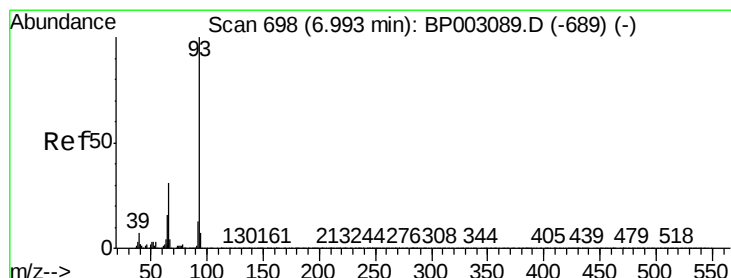
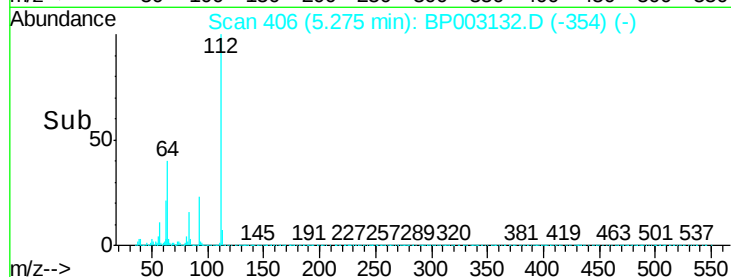
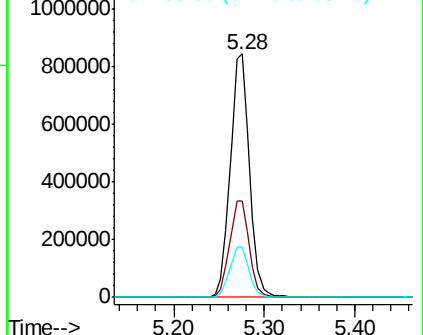
63 20.6 16.9 25.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 37.168 ng

RT: 6.99 min Scan# 698

Delta R.T. 0.00 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

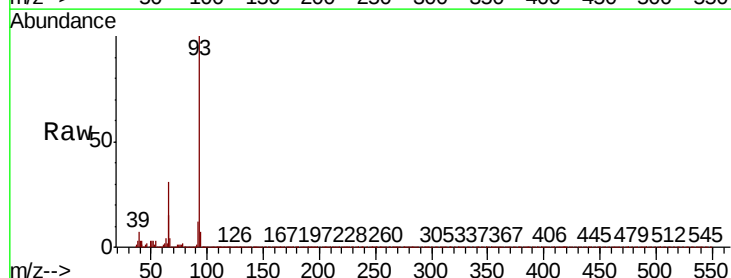
Tgt Ion: 93 Resp: 632940

Ion Ratio Lower Upper

93 100

66 31.0 25.0 37.4

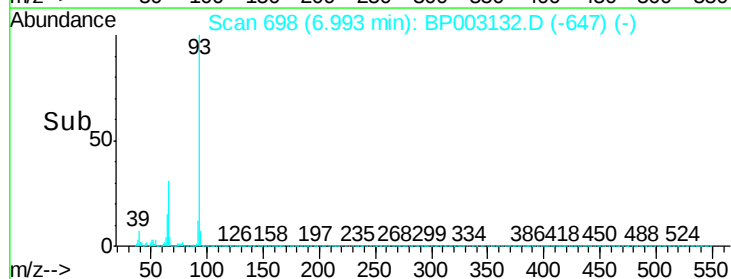
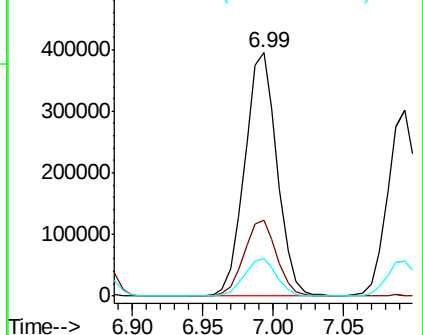
65 15.3 12.6 18.8

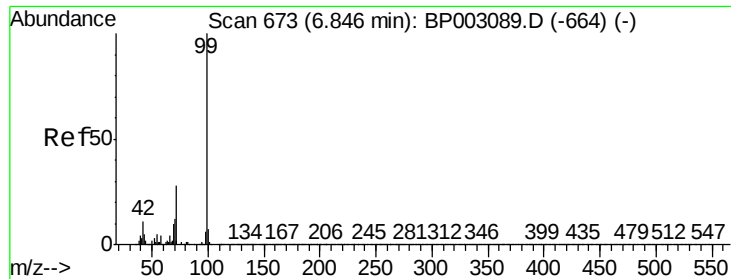


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 93.457 ng

RT: 6.85 min Scan# 673

Delta R.T. 0.00 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Instrument :

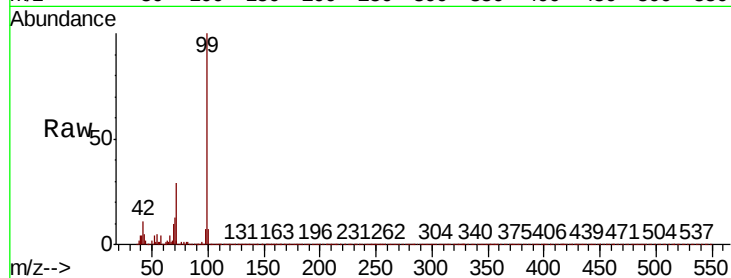
BNA_P

ClientSampleId :

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Tot Ion: 99 Resp: 1461746

Ion	Ratio	Lower	Upper
99	100		
42	10.6	8.5	12.7
71	29.1	22.8	34.2



Abundance

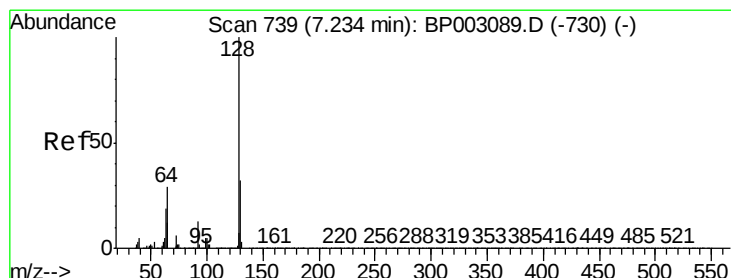
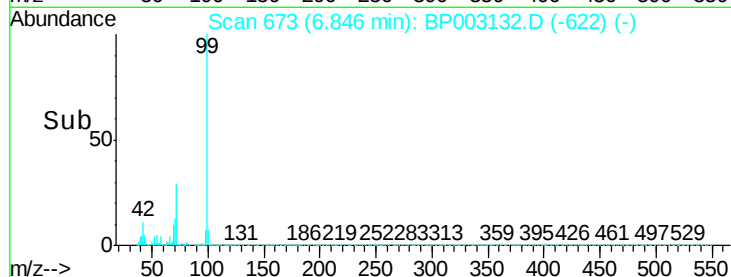
Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

6.85

Time-->



#8

2-Chlorophenol

Concen: 41.273 ng

RT: 7.23 min Scan# 739

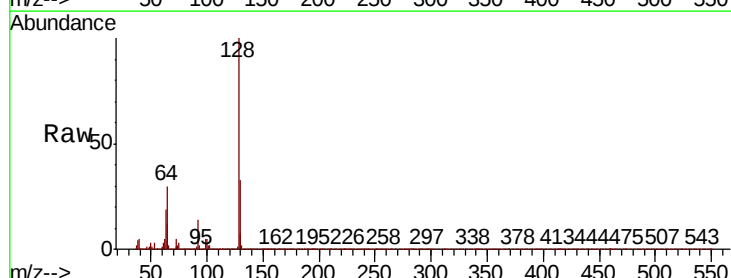
Delta R.T. 0.00 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Tgt Ion: 128 Resp: 574103

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.2	52.2
64	30.0	9.7	49.7



Abundance

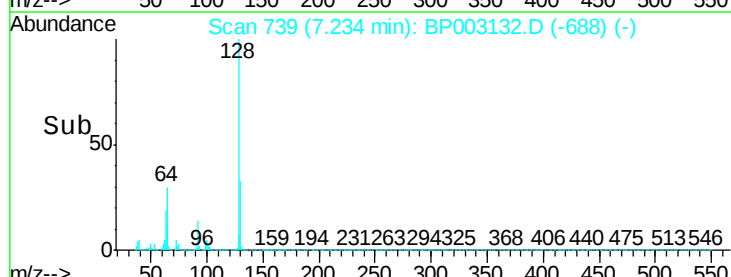
Ion 128.00 (127.70 to 128.70): E

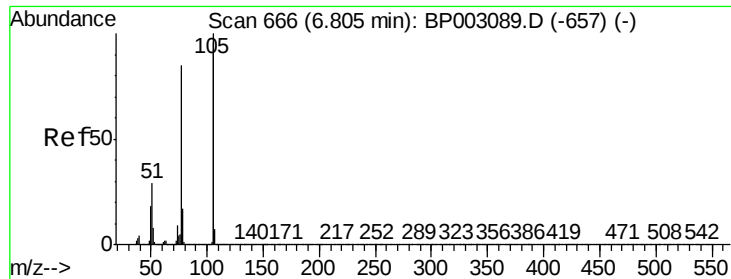
Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0

7.23

Time-->





#9

Benzaldehyde

Concen: 37.772 ng

RT: 6.80 min Scan# 666

Delta R.T. 0.00 min

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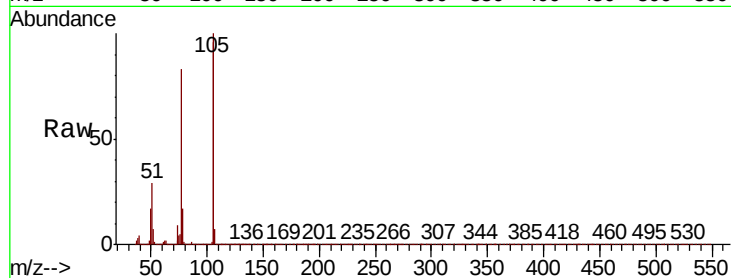
Tot Ion: 77 Resp: 275438

Ion Ratio Lower Upper

77 100

105 120.1 98.3 138.3

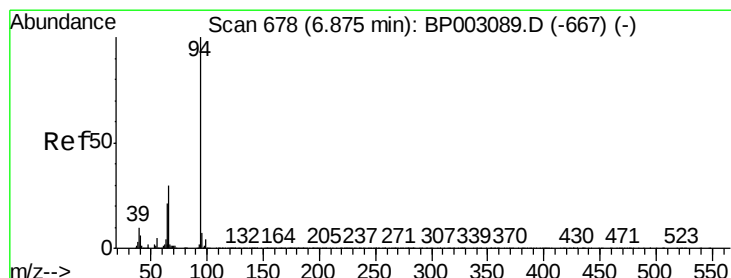
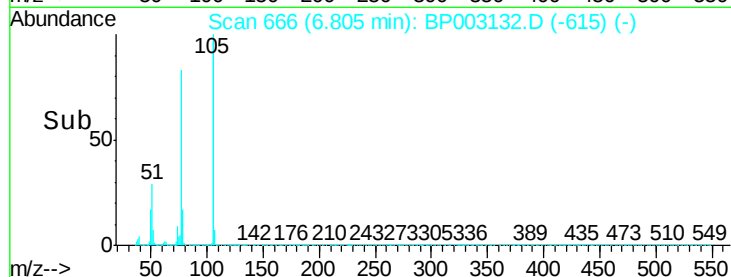
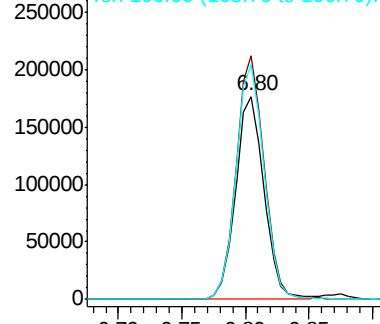
106 115.5 93.9 133.9



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: 40.682 ng

RT: 6.88 min Scan# 678

Delta R.T. 0.00 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

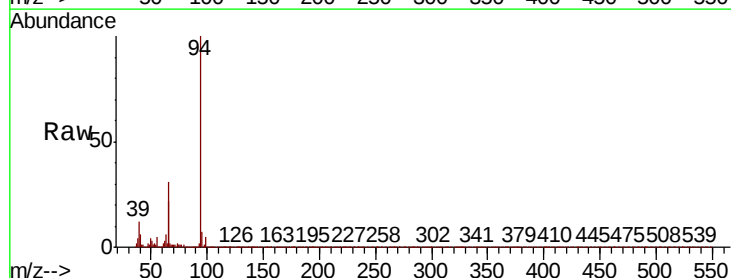
Tgt Ion: 94 Resp: 589672

Ion Ratio Lower Upper

94 100

65 22.1 1.0 41.0

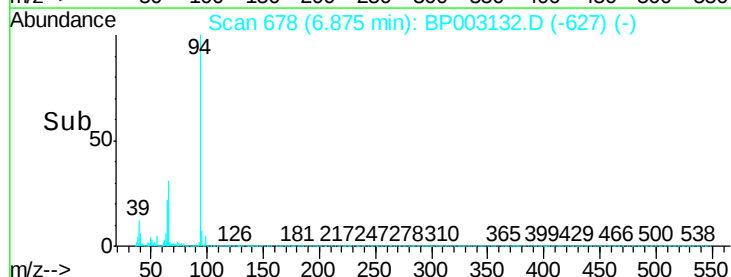
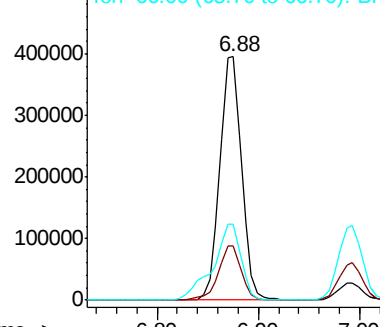
66 31.3 9.7 49.7

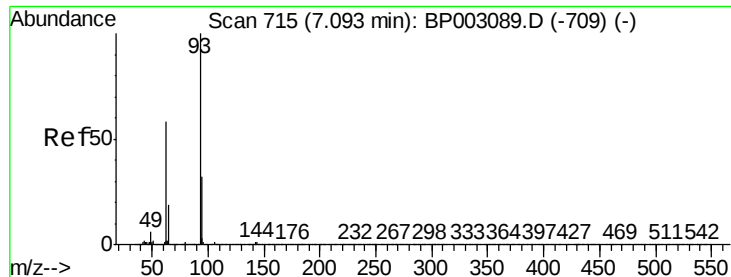


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

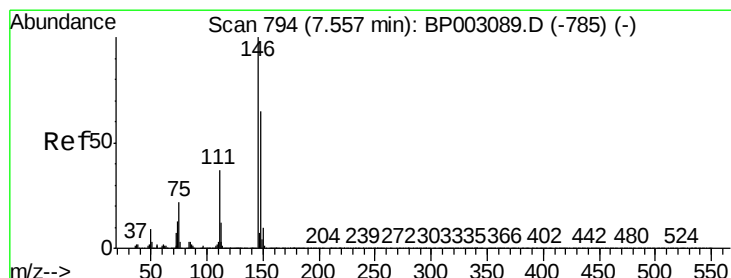
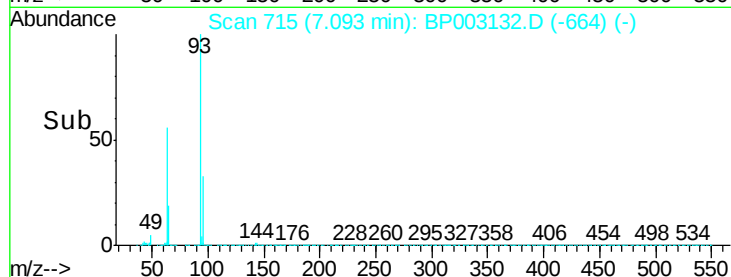
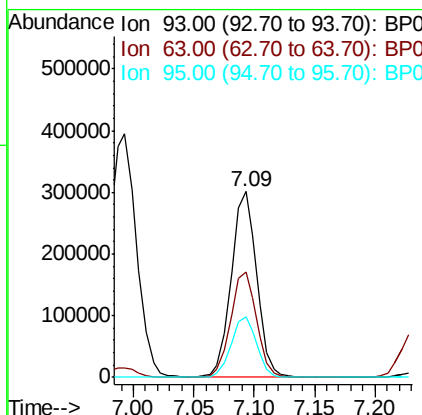
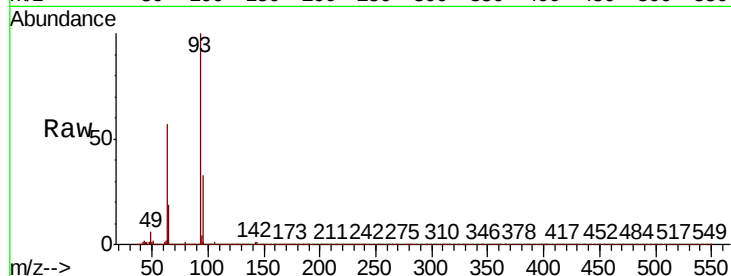




#11
bis(2-Chloroethyl)ether
Concen: 38.341 ng
RT: 7.09 min Scan# 715
Delta R.T. 0.00 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

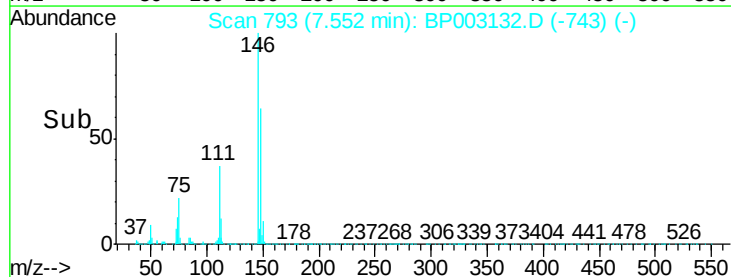
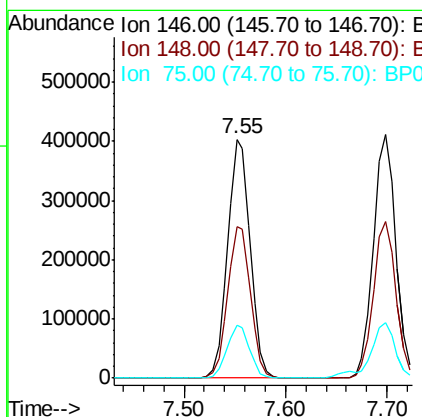
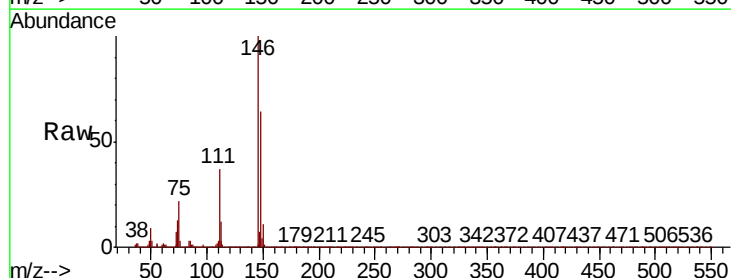
Instrument :
BNA_P
ClientSampleId :
PB131234BSD

Tot Ion	93	Resp	439869
Ion Ratio	100	Lower	Upper
63	56.9	37.8	77.8
95	32.9	12.0	52.0



#12
1,3-Dichlorobenzene
Concen: 36.640 ng
RT: 7.55 min Scan# 793
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

Tgt Ion	146	Resp	619707
Ion Ratio	100	Lower	Upper
148	63.5	51.8	77.6
75	22.2	17.4	26.2

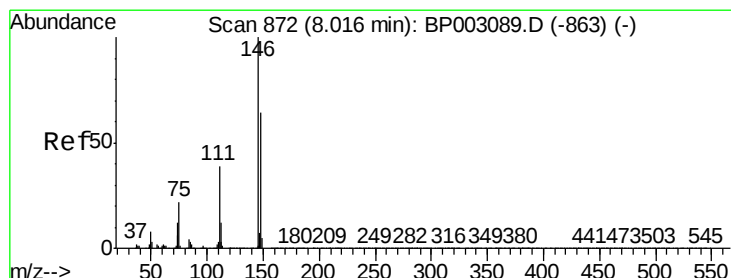
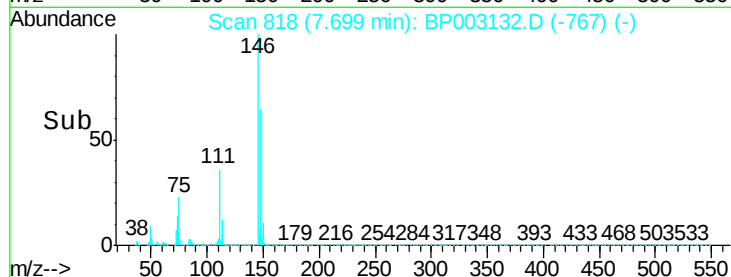
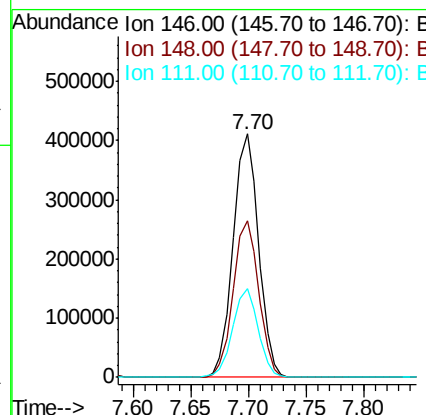
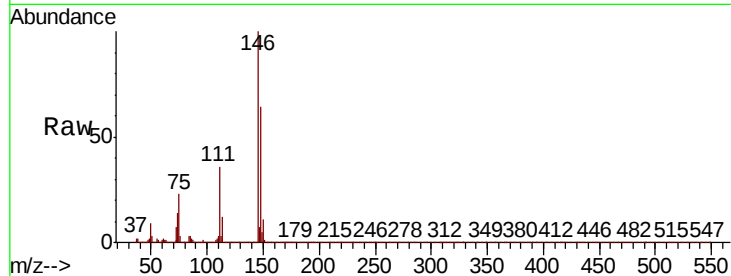




#13
1,4-Dichlorobenzene
Concen: 36.872 ng
RT: 7.70 min Scan# 818
Delta R.T. 0.00 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

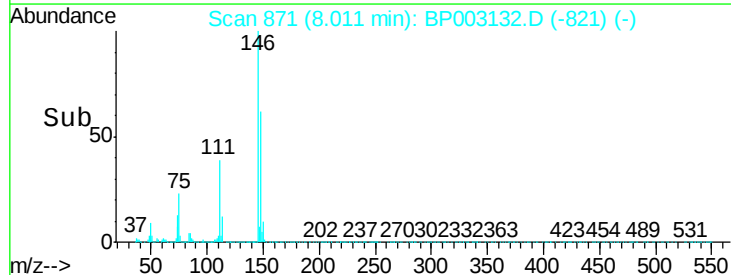
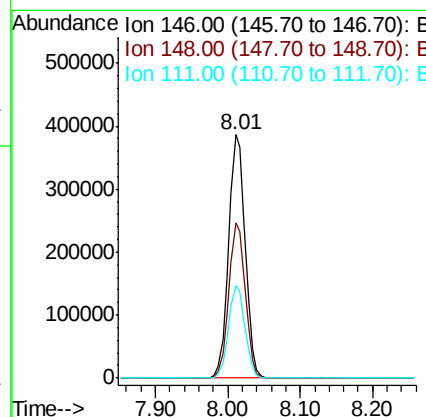
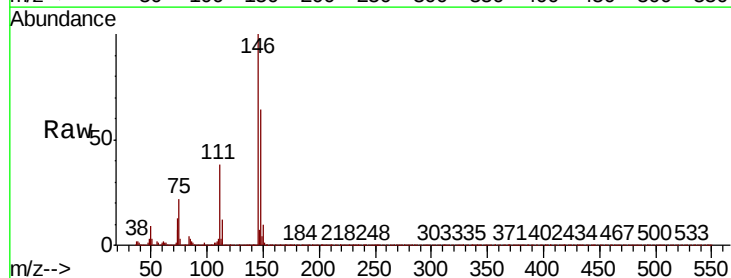
Instrument :
BNA_P
ClientSampleId :
PB131234BSD

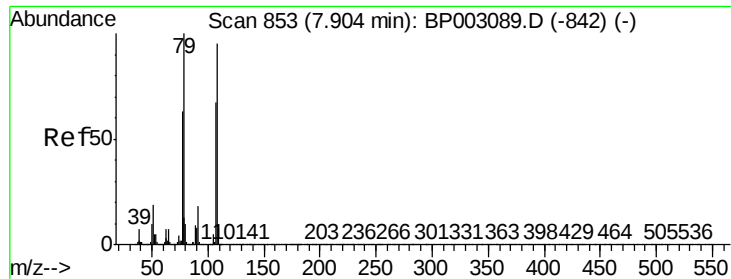
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	75.8
111	36.4	28.5	42.7



#14
1,2-Dichlorobenzene
Concen: 37.764 ng
RT: 8.01 min Scan# 871
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.2
111	37.9	31.0	46.4

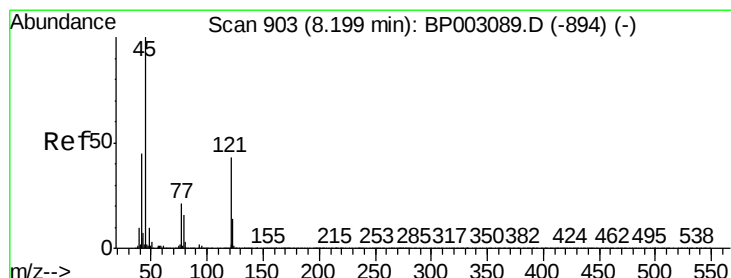
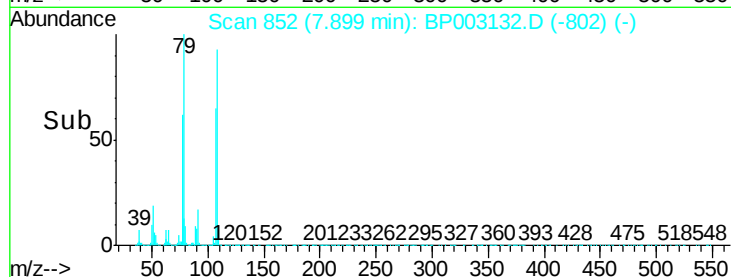
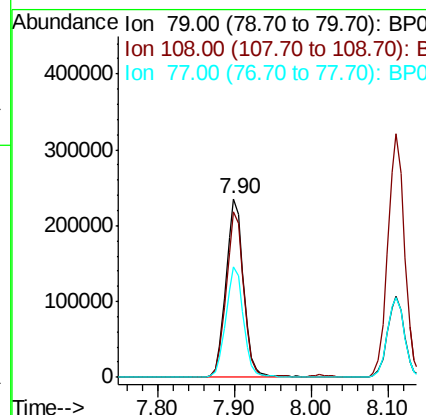
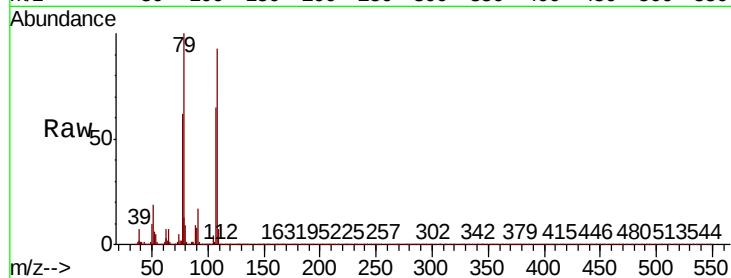




#15
Benzyl Alcohol
Concen: 42.532 ng
RT: 7.90 min Scan# 852
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

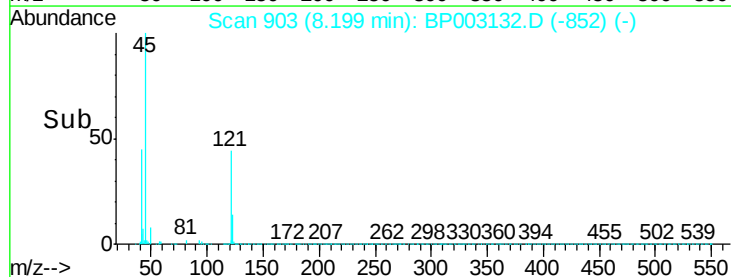
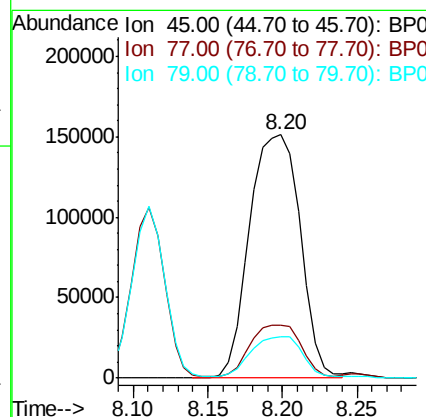
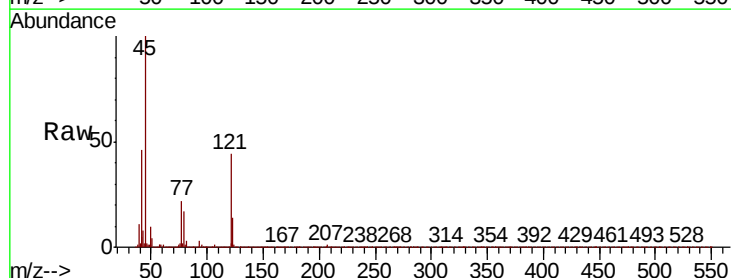
Instrument :
BNA_P
ClientSampleId :
PB131234BSD

Tot Ion: 79 Resp: 374816
Ion Ratio Lower Upper
79 100
108 92.8 75.7 113.5
77 61.7 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.759 ng
RT: 8.20 min Scan# 903
Delta R.T. 0.00 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

Tgt Ion: 45 Resp: 357376
Ion Ratio Lower Upper
45 100
77 21.7 1.6 41.6
79 17.3 0.0 36.7





#17

2-Methylphenol

Concen: 41.515 ng

RT: 8.11 min Scan# 888

Delta R.T. 0.00 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

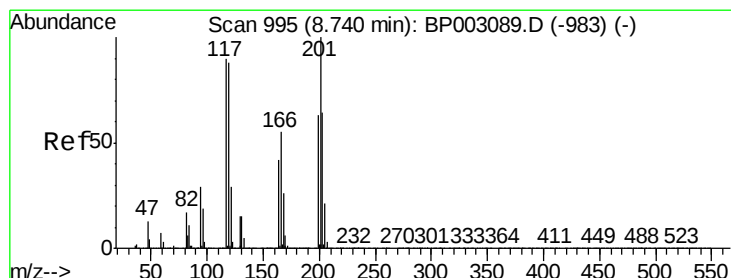
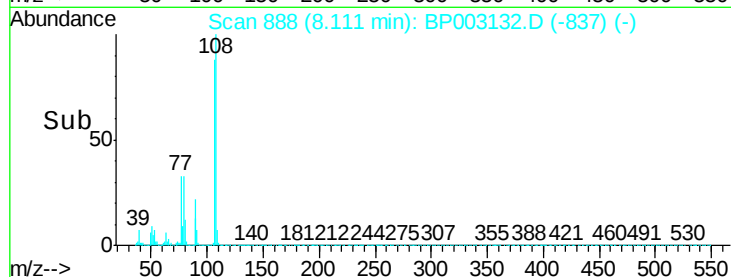
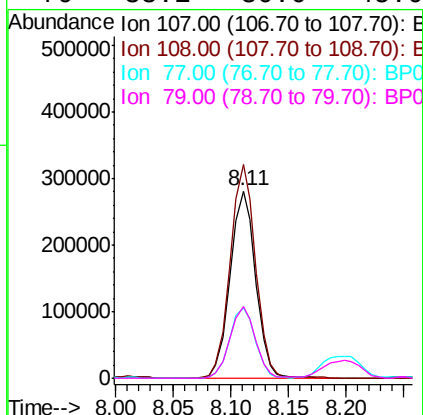
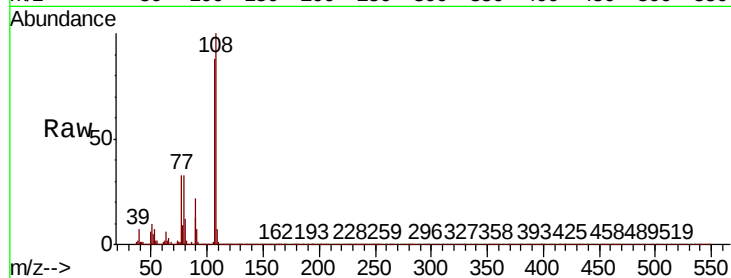
Instrument :

BNA_P

ClientSampleId :

PB131234BSD

Tot Ion:	107	Resp:	428677
Ion	Ratio	Lower	Upper
107	100		
108	114.3	90.8	136.2
77	37.7	29.4	44.2
79	38.1	30.0	45.0



#18

Hexachloroethane

Concen: 37.196 ng

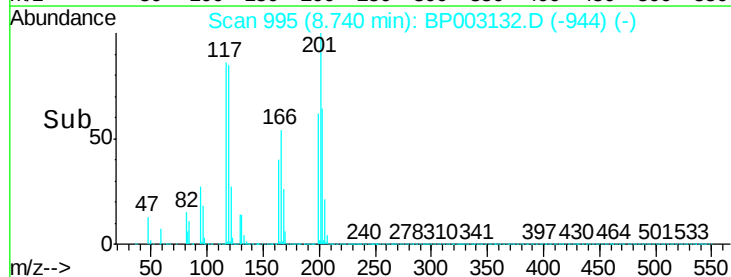
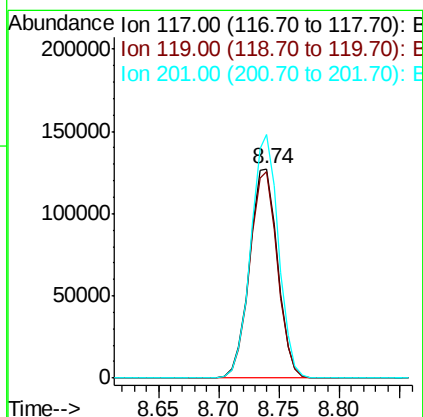
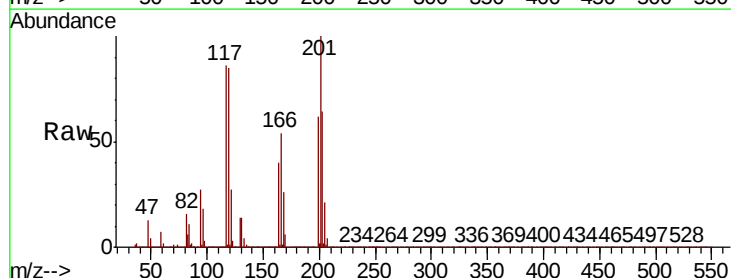
RT: 8.74 min Scan# 995

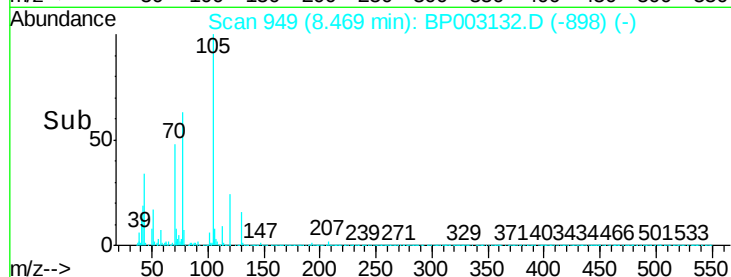
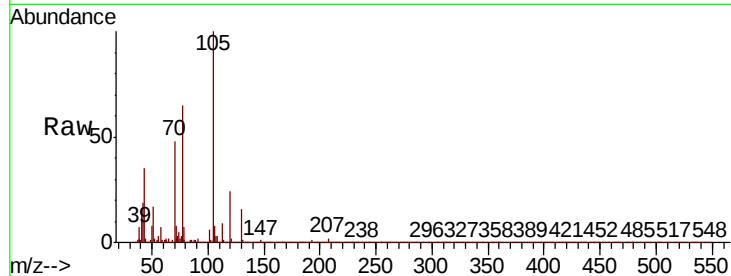
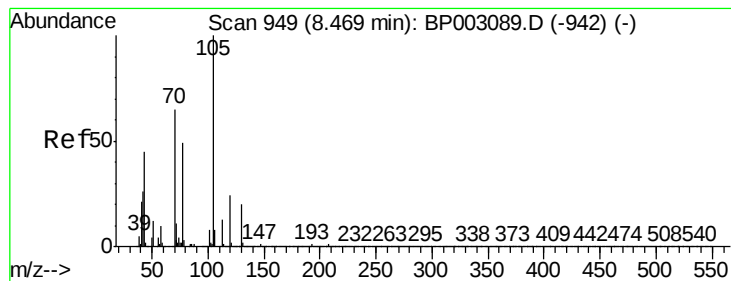
Delta R.T. 0.00 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Tgt Ion:	117	Resp:	207776
Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.7	116.5
201	116.2	88.4	132.6





#19

n-Nitroso-di-n-propylamine

Concen: 39.558 ng

RT: 8.47 min Scan# 949

Delta R.T. 0.00 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Instrument :

BNA_P

ClientSampleId :

PB131234BSD

Tot Ion: 70 Resp: 279537

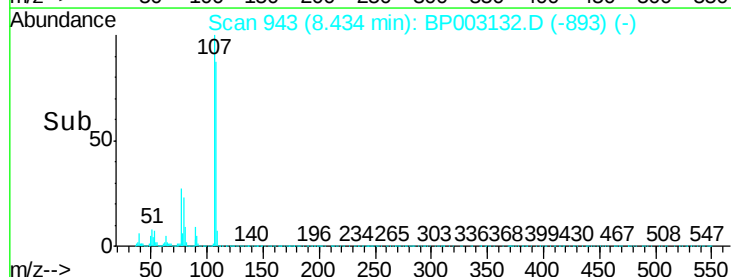
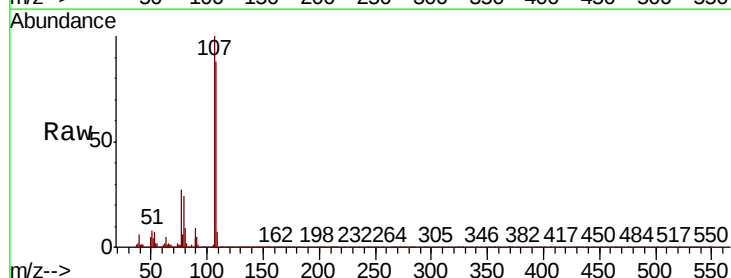
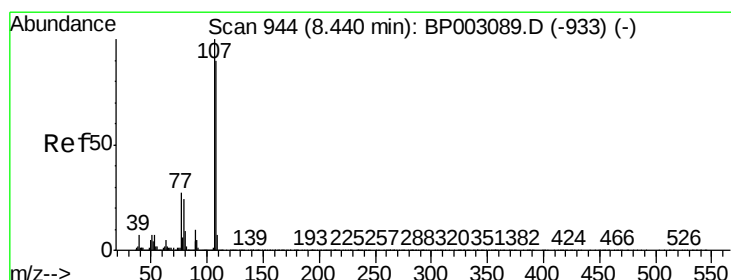
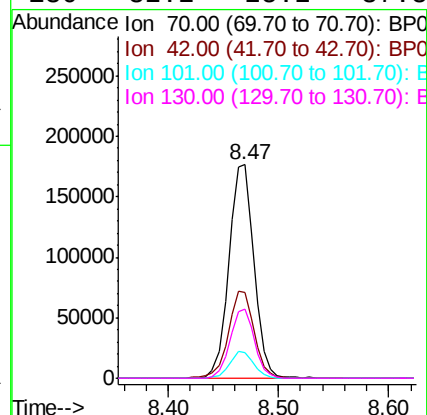
Ion Ratio Lower Upper

70 100

42 40.2 32.5 48.7

101 11.9 10.2 15.2

130 32.2 25.2 37.8



#20

3+4-Methylphenols

Concen: 41.293 ng

RT: 8.43 min Scan# 943

Delta R.T. -0.01 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Tgt Ion:107 Resp: 574508

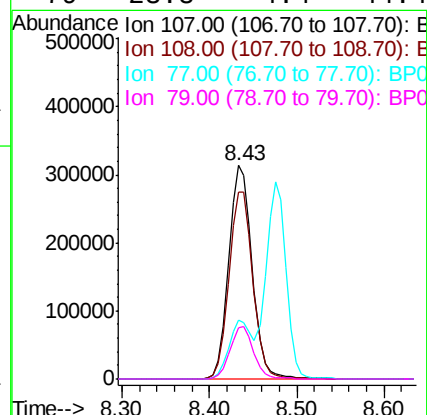
Ion Ratio Lower Upper

107 100

108 87.8 69.7 109.7

77 27.3 7.2 47.2

79 23.8 4.4 44.4

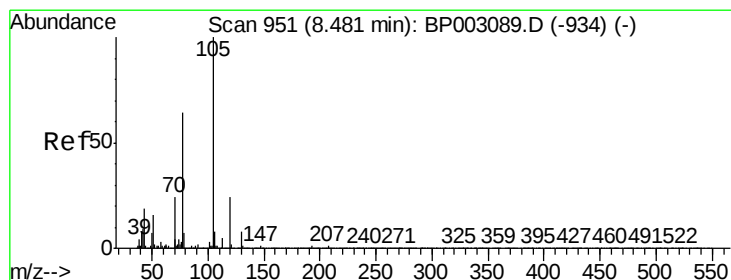
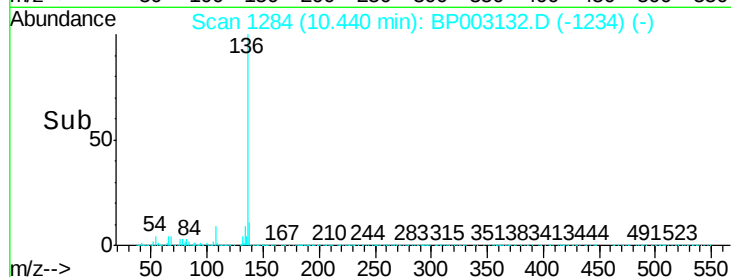
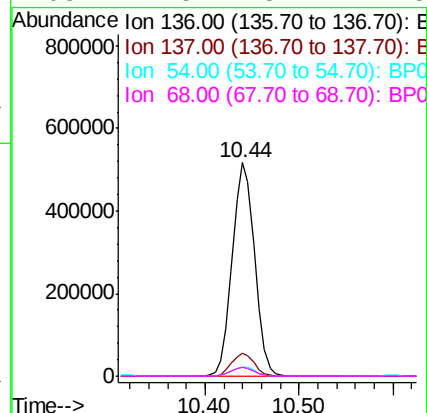
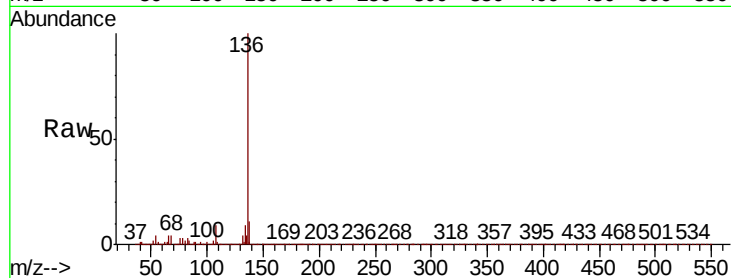




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

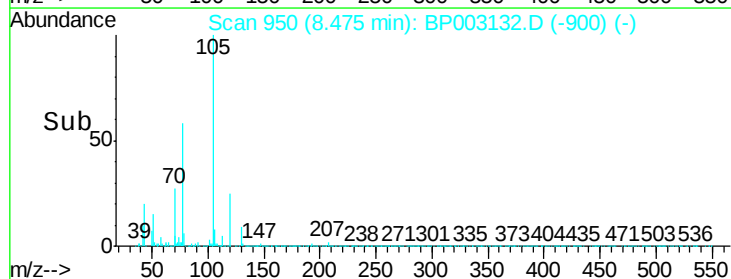
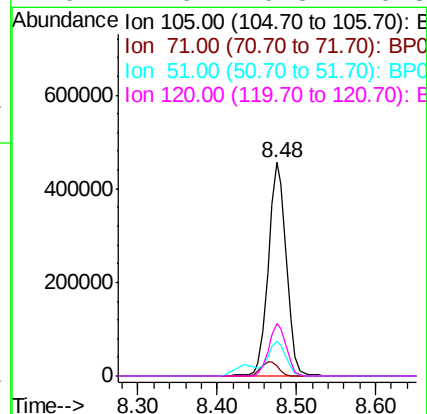
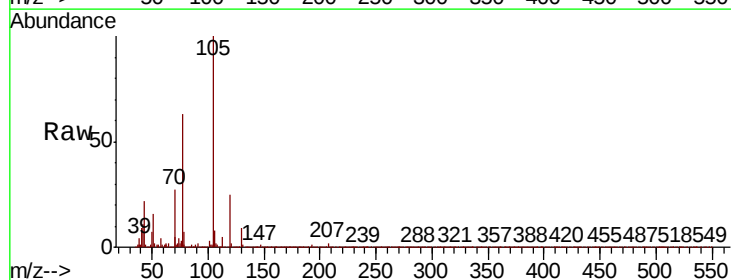
Instrument :
BNA_P
ClientSampleId :
PB131234BSD

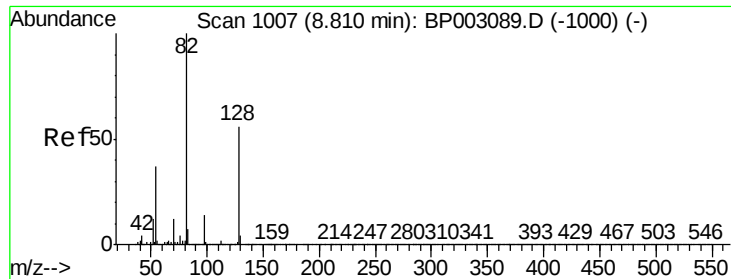
Tot Ion:136	Resp:	852104	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.8	13.2	
54 4.3	3.5	5.3	
68 4.5	3.2	4.8	



#22
Acetophenone
Concen: 38.019 ng
RT: 8.48 min Scan# 950
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

Tgt	Ion:105	Resp:	721464
Ion	Ratio	Lower	Upper
105	100		
71	4.6	3.1	4.7
51	16.3	13.0	19.6
120	24.6	19.5	29.3

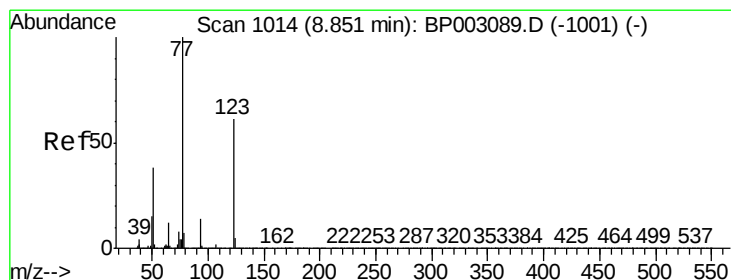
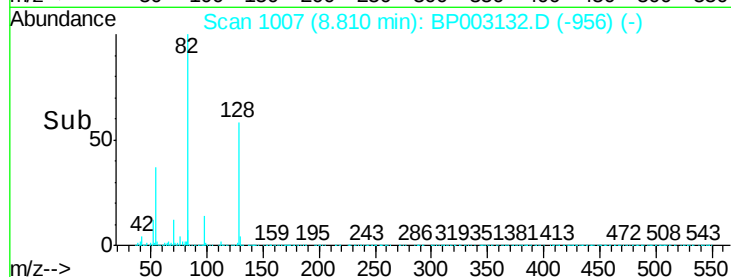
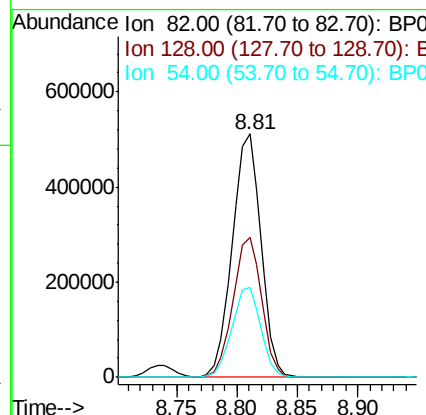
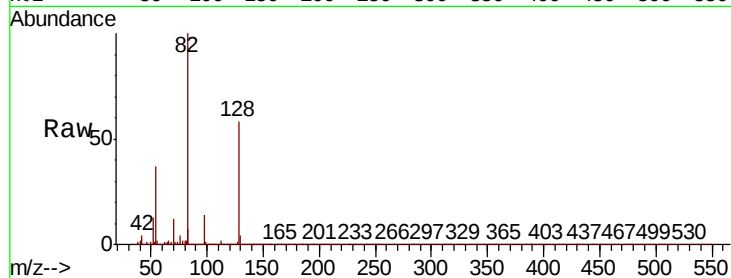




#23
 Nitrobenzene-d5
 Concen: 71.670 ng
 RT: 8.81 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BP003132.D
 Acq: 27 Aug 2020 15:14

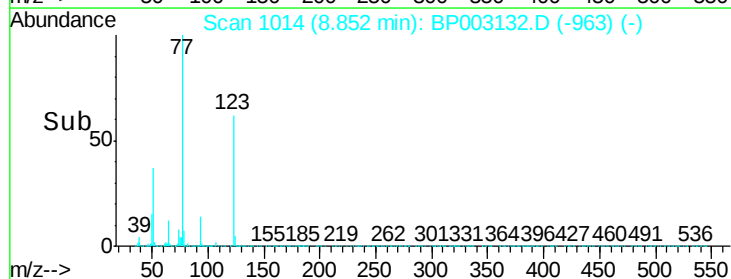
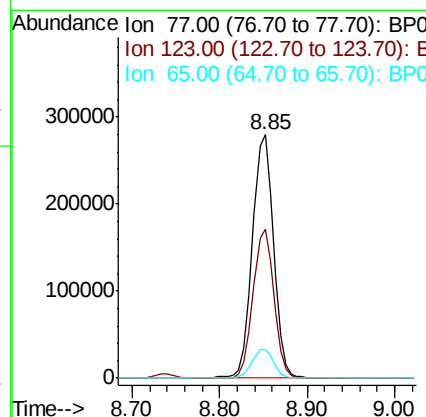
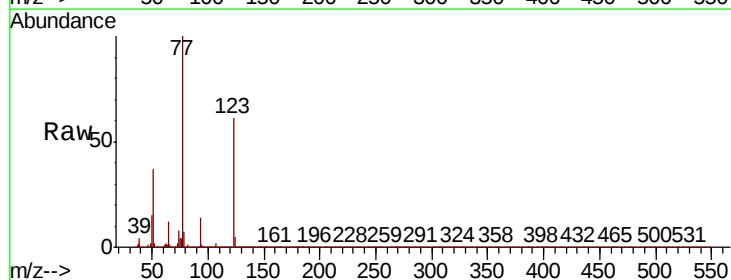
Instrument :
 BNA_P
 ClientSampleId :
 PB131234BSD

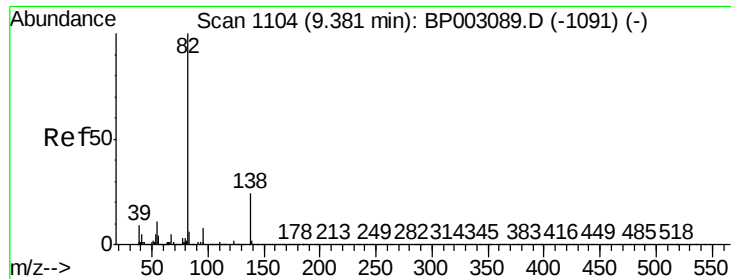
Tot Ion	82	Resp	847137
Ion Ratio	Lower	Upper	
82	100		
128	57.6	44.9	67.3
54	37.1	29.4	44.2



#24
 Nitrobenzene
 Concen: 39.035 ng
 RT: 8.85 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BP003132.D
 Acq: 27 Aug 2020 15:14

Tgt Ion	77	Resp	453171
Ion Ratio	Lower	Upper	
77	100		
123	61.4	49.0	73.4
65	11.9	9.6	14.4

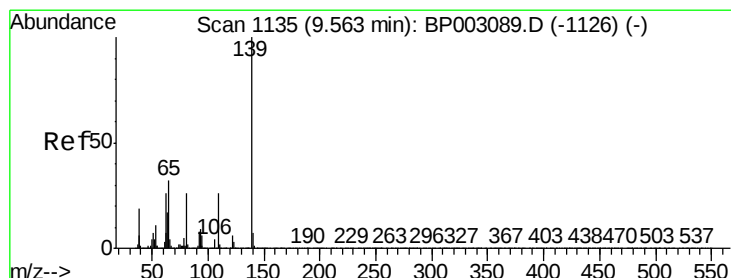
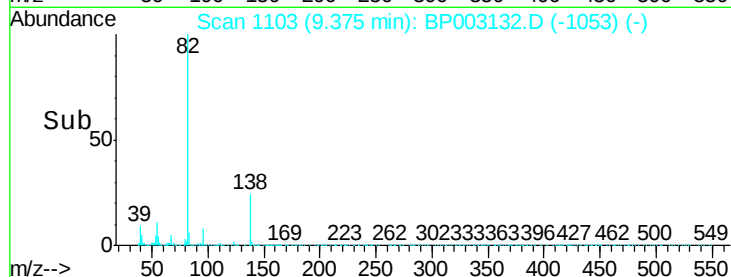
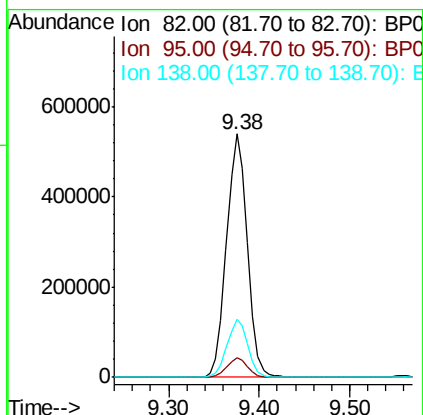
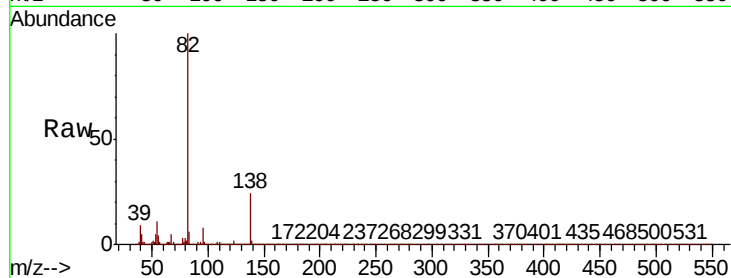




#25
Isophorone
Concen: 41.178 ng
RT: 9.38 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

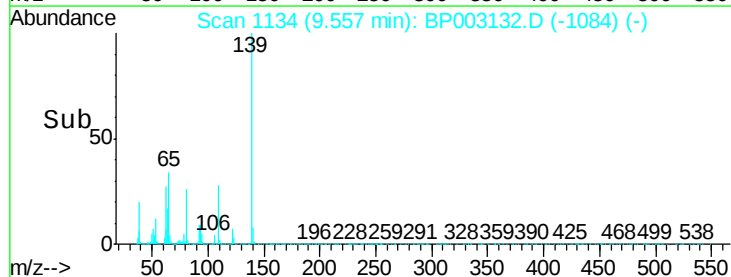
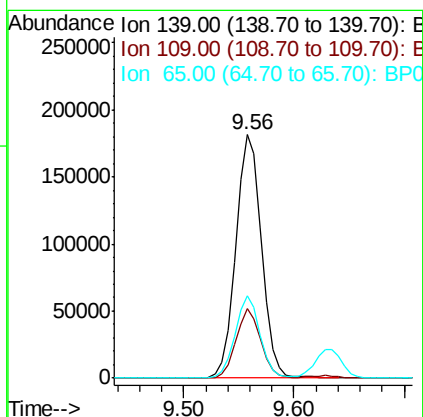
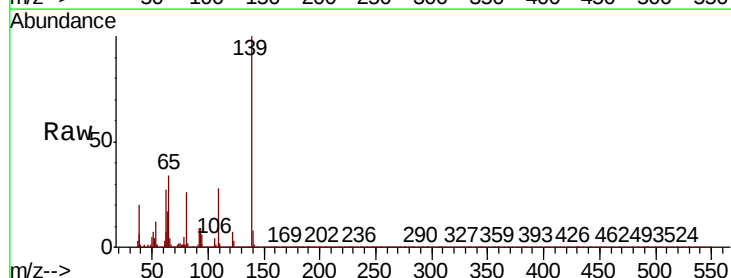
Instrument :
BNA_P
ClientSampleId :
PB131234BSD

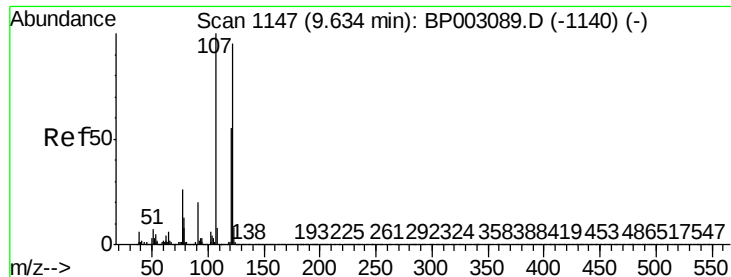
Tot Ion: 82 Resp: 858766
Ion Ratio Lower Upper
82 100
95 7.8 6.0 9.0
138 23.6 19.1 28.7



#26
2-Nitrophenol
Concen: 42.971 ng
RT: 9.56 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

Tgt Ion: 139 Resp: 297339
Ion Ratio Lower Upper
139 100
109 28.3 21.2 31.8
65 34.1 25.4 38.0





#27

2,4-Dimethylphenol

Concen: 47.839 ng

RT: 9.63 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Instrument :

BNA_P

ClientSampleId :

PB131234BSD

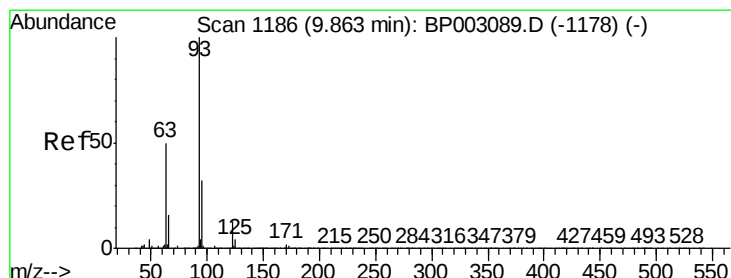
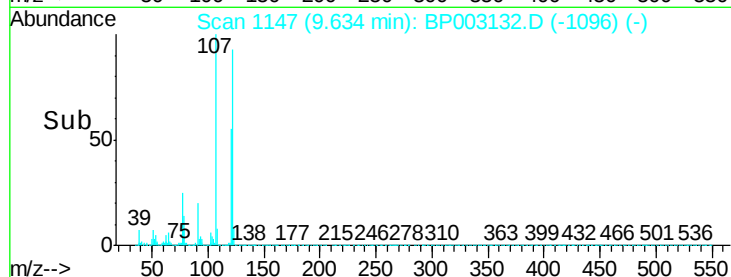
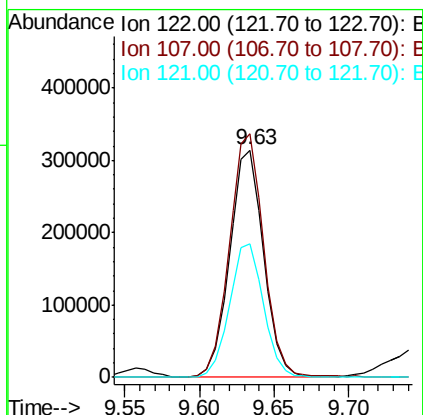
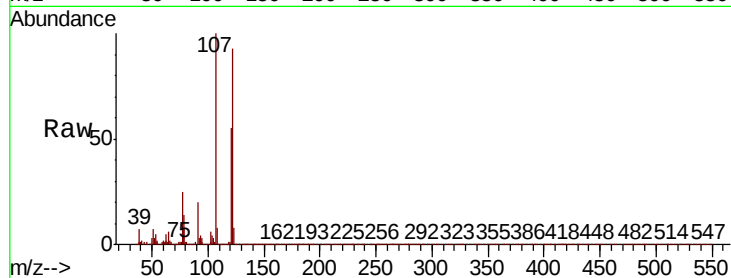
Tot Ion:122 Resp: 497629

Ion Ratio Lower Upper

122 100

107 107.3 84.3 126.5

121 58.9 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 37.076 ng

RT: 9.86 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

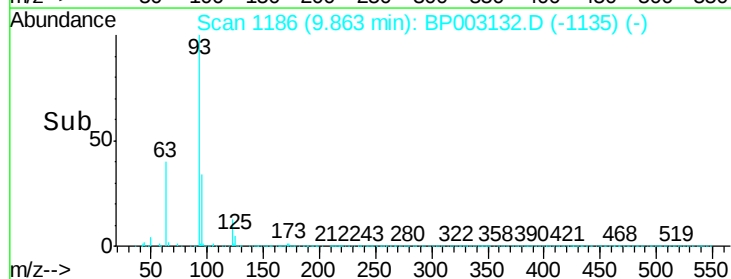
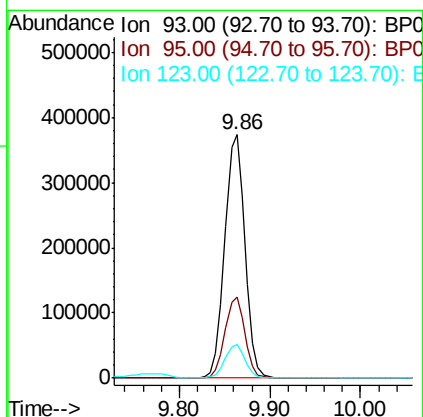
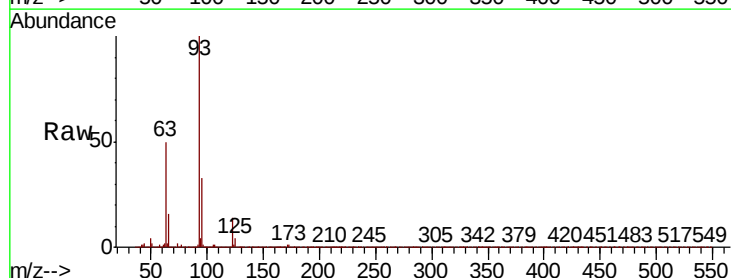
Tgt Ion: 93 Resp: 575903

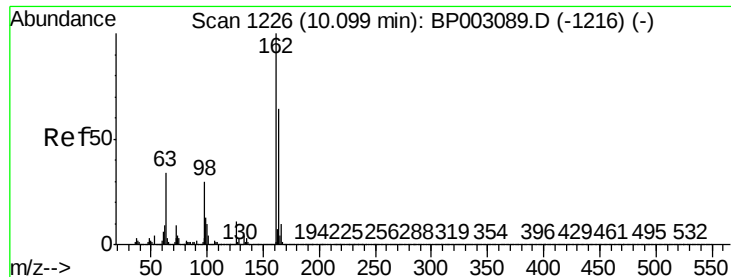
Ion Ratio Lower Upper

93 100

95 33.3 25.8 38.8

123 13.6 10.6 15.8

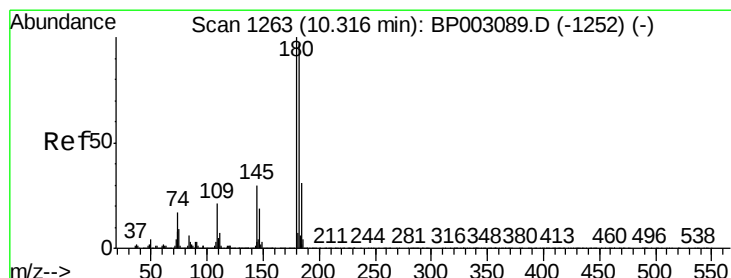
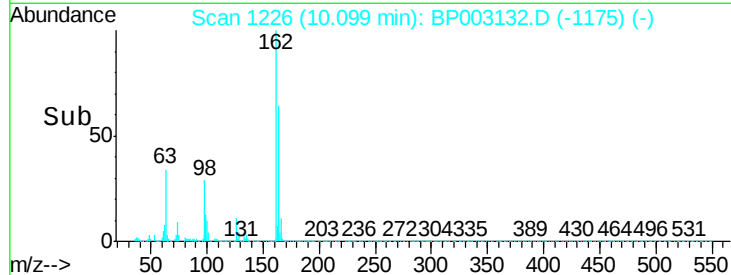
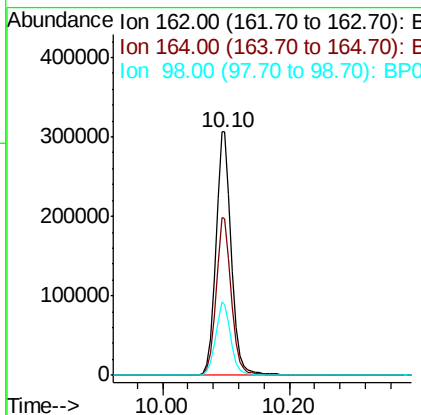
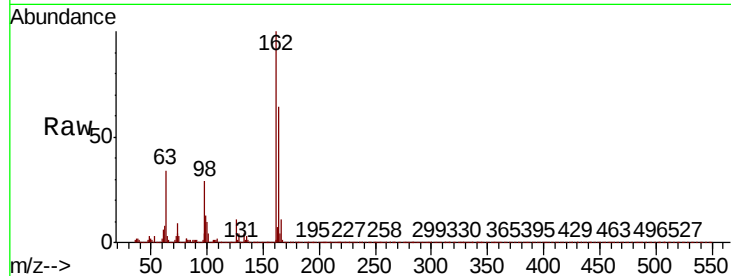




#29
 2,4-Dichlorophenol
 Concen: 41.444 ng
 RT: 10.10 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BP003132.D
 Acq: 27 Aug 2020 15:14

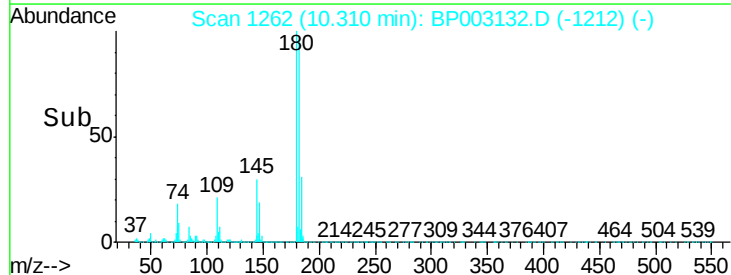
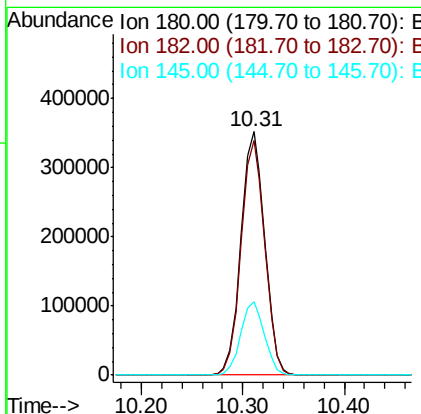
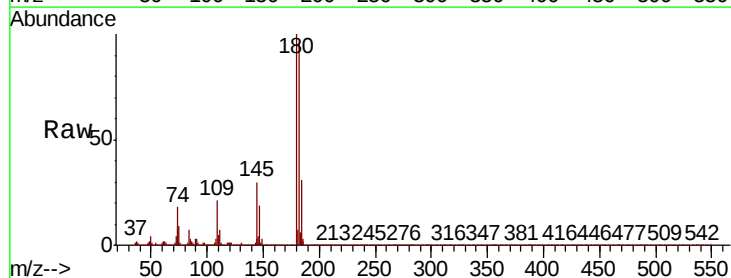
Instrument :
 BNA_P
 ClientSampleId :
 PB131234BSD

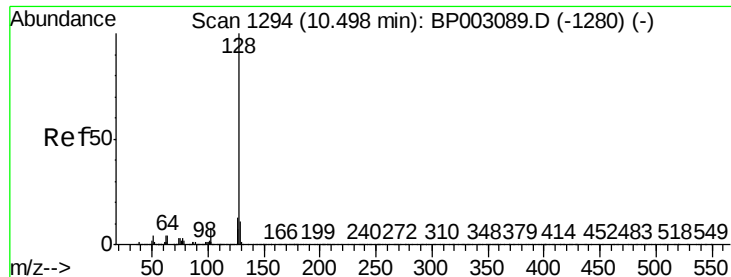
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.6	83.6
98	29.2	10.1	50.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.169 ng
 RT: 10.31 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BP003132.D
 Acq: 27 Aug 2020 15:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.6	116.4
145	30.2	23.7	35.5

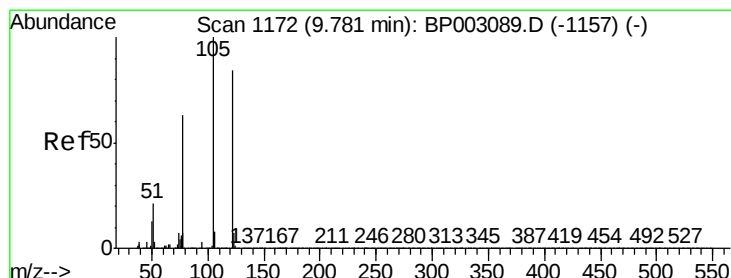
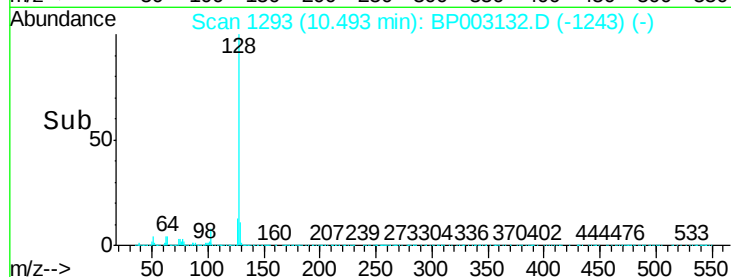
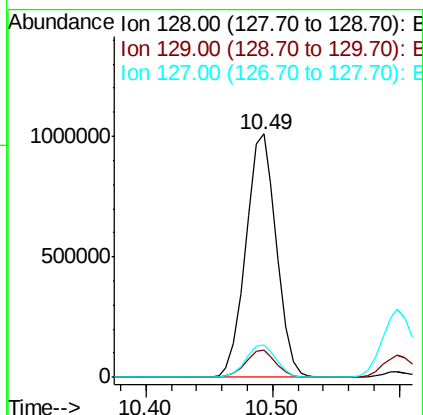
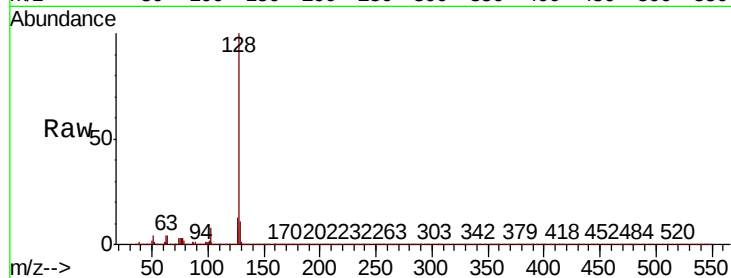




#31
Naphthalene
Concen: 38.635 ng
RT: 10.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

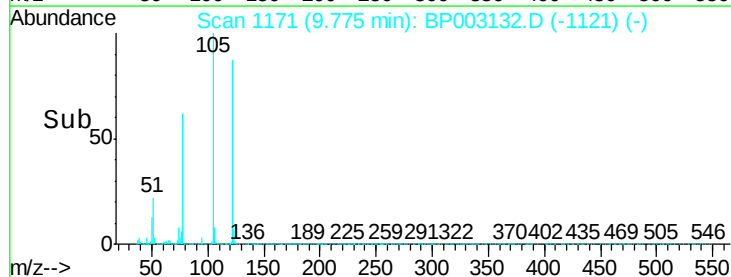
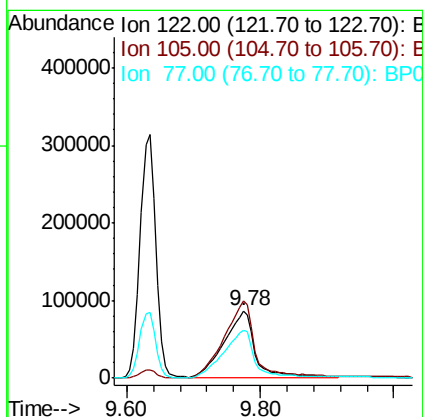
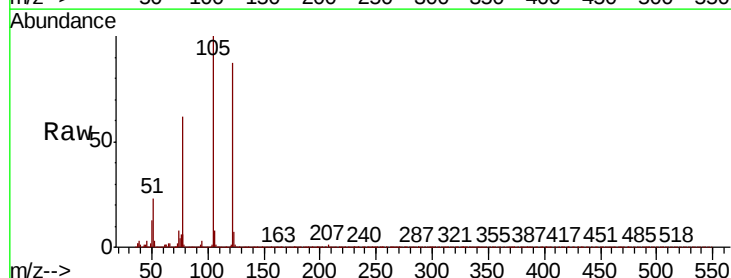
Instrument :
BNA_P
ClientSampleId :
PB131234BSD

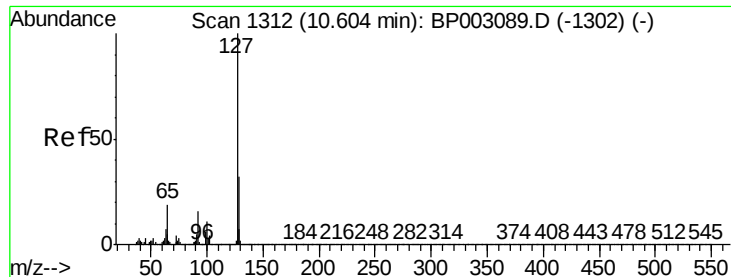
Tot Ion:128 Resp: 1691388
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 36.593 ng
RT: 9.78 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

Tgt Ion:122 Resp: 273293
Ion Ratio Lower Upper
122 100
105 114.8 98.1 138.1
77 71.2 55.3 95.3

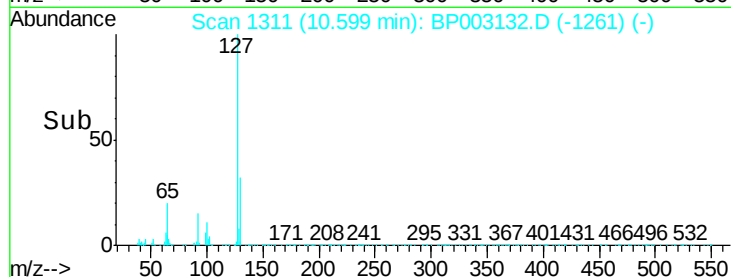
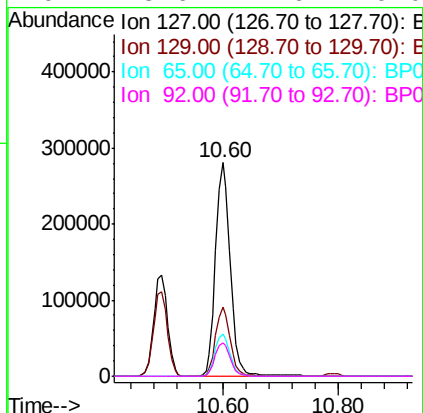
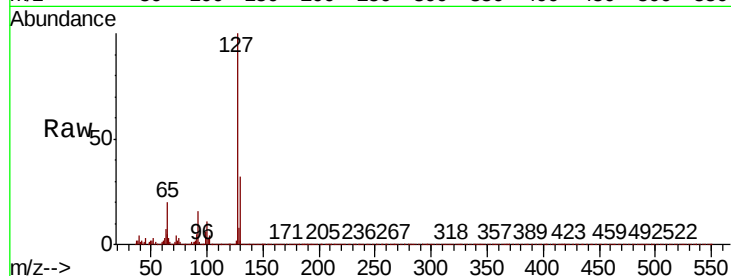




#33
4-Chloroaniline
Concen: 27.347 ng
RT: 10.60 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

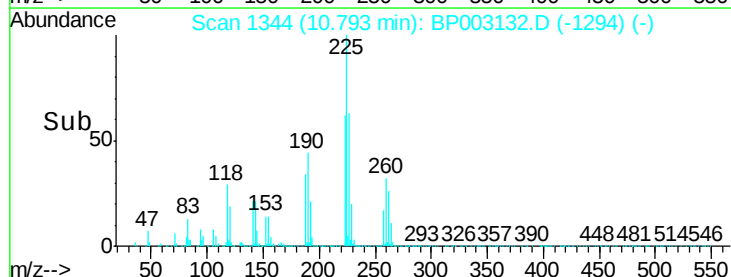
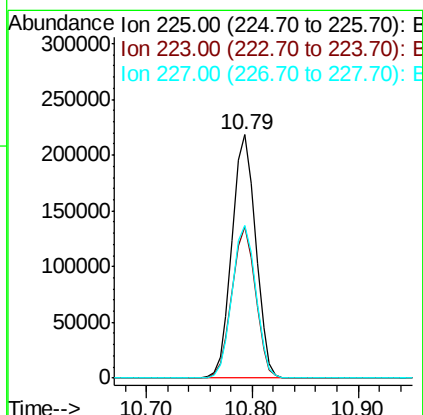
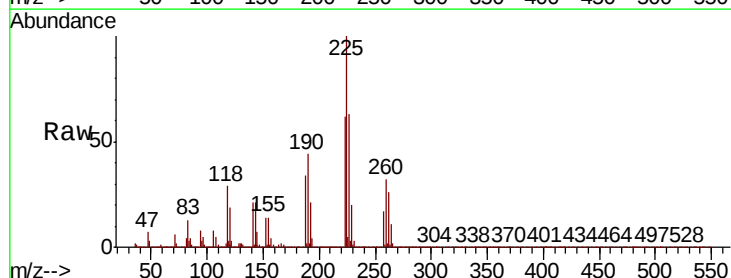
Instrument :
BNA_P
ClientSampleId :
PB131234BSD

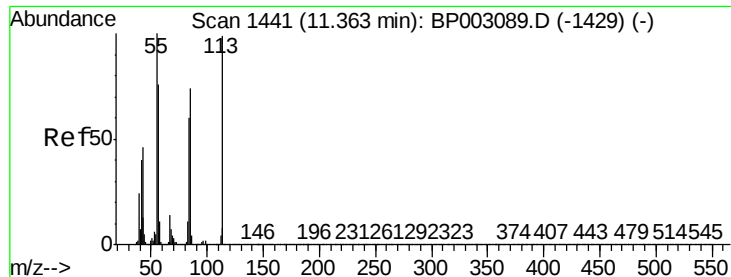
Tot Ion:	127	Resp:	500231
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.4	38.0
65	20.0	15.5	23.3
92	15.6	12.6	19.0



#34
Hexachlorobutadiene
Concen: 36.602 ng
RT: 10.79 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

Tgt Ion:	225	Resp:	337544
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	62.6	52.0	78.0

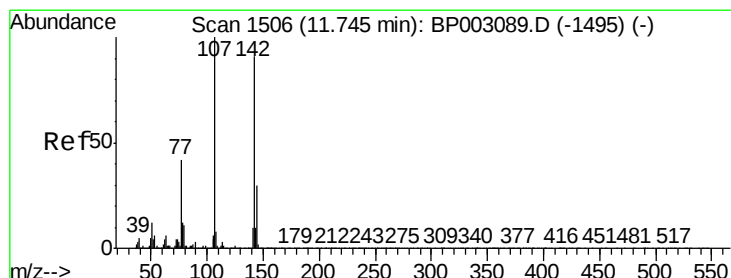
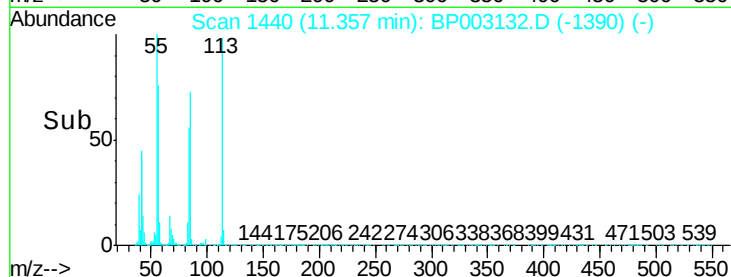
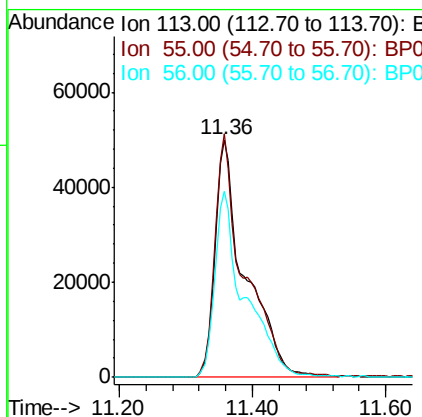
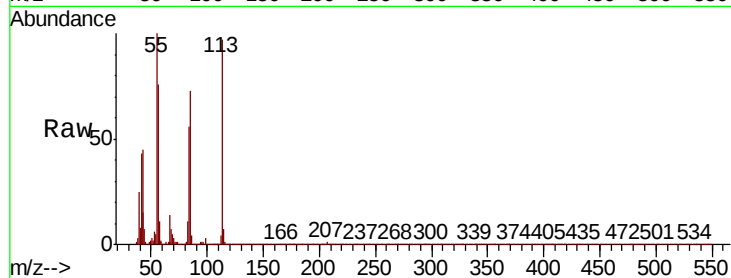




#35
 Caprolactam
 Concen: 40.473 ng
 RT: 11.36 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BP003132.D
 Acq: 27 Aug 2020 15:14

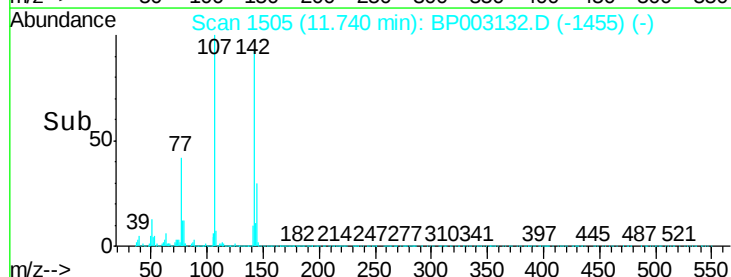
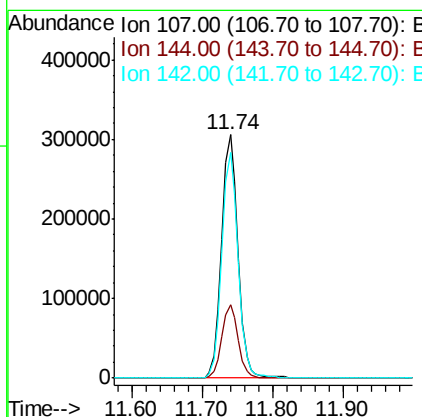
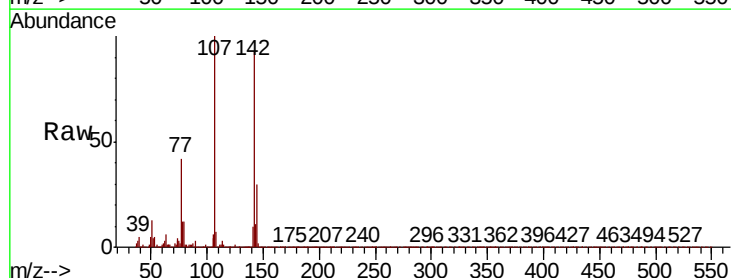
Instrument :
 BNA_P
 ClientSampleId :
 PB131234BSD

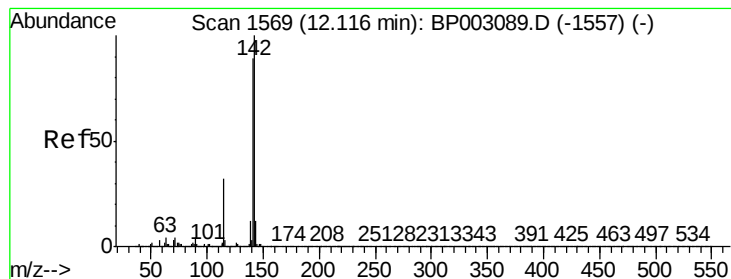
Tot Ion:113 Resp: 156963
 Ion Ratio Lower Upper
 113 100
 55 102.6 81.3 121.3
 56 78.3 56.4 96.4



#36
 4-Chloro-3-methylphenol
 Concen: 41.150 ng
 RT: 11.74 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BP003132.D
 Acq: 27 Aug 2020 15:14

Tgt Ion:107 Resp: 495851
 Ion Ratio Lower Upper
 107 100
 144 29.9 24.2 36.4
 142 92.6 73.0 109.6





#37

2-Methylnaphthalene

Concen: 39.344 ng

RT: 12.11 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Instrument :

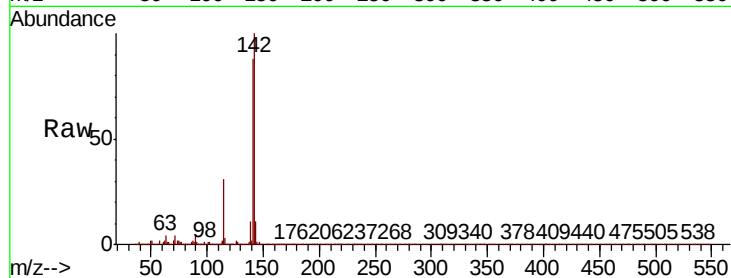
BNA_P

ClientSampleId :

PB131234BSD

Tot Ion:142 Resp: 1232147

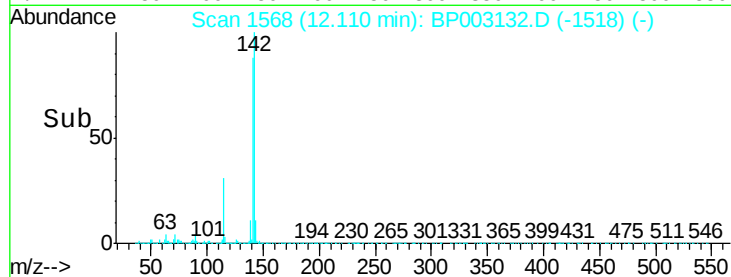
Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.1	106.7
115	31.3	25.2	37.8



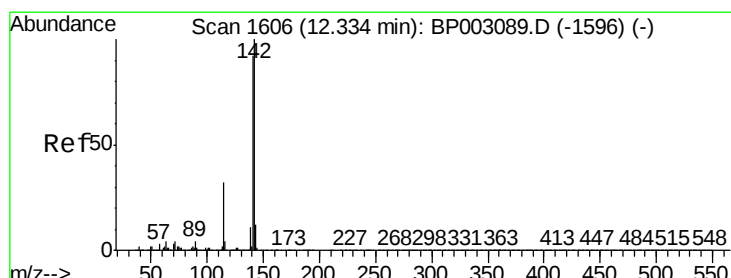
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#38

1-Methylnaphthalene

Concen: 38.772 ng

RT: 12.33 min Scan# 1606

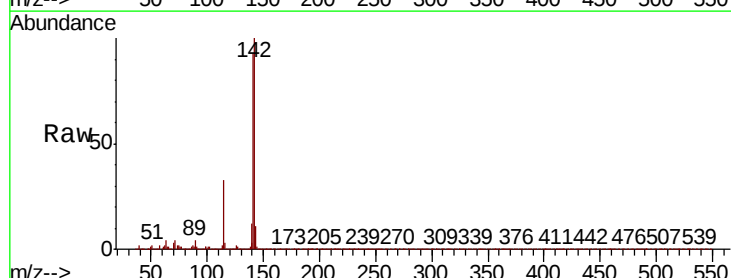
Delta R.T. 0.00 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Tgt Ion:142 Resp: 1154094

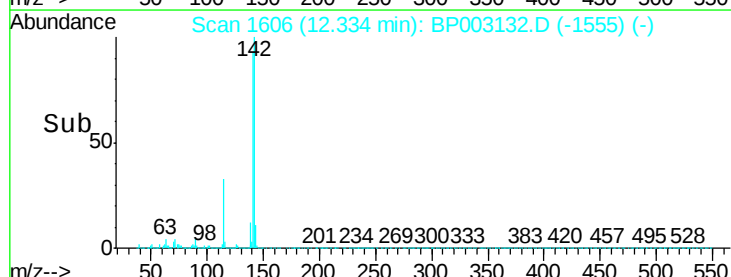
Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.8	110.8
116	3.5	2.8	4.2



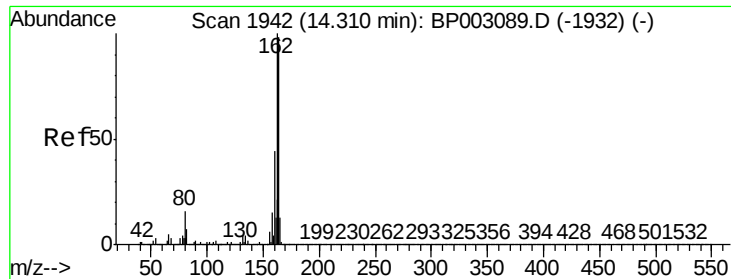
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Instrument :

BNA_P

ClientSampleId :

PB131234BSD

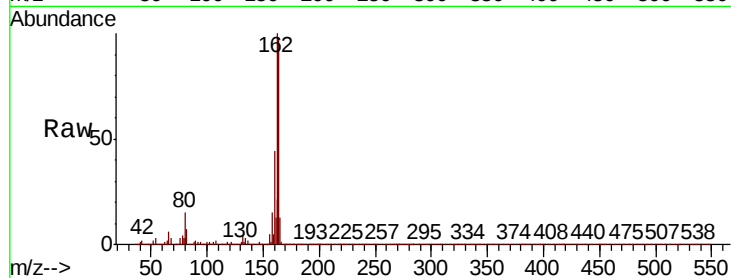
Tot Ion:164 Resp: 499882

Ion Ratio Lower Upper

164 100

162 102.4 81.2 121.8

160 45.1 36.0 54.0

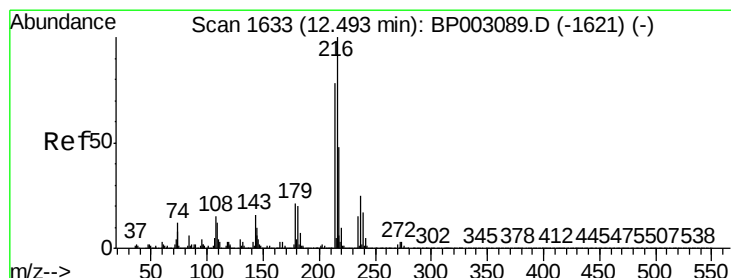
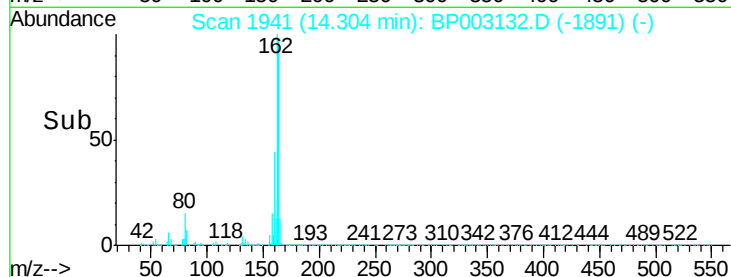
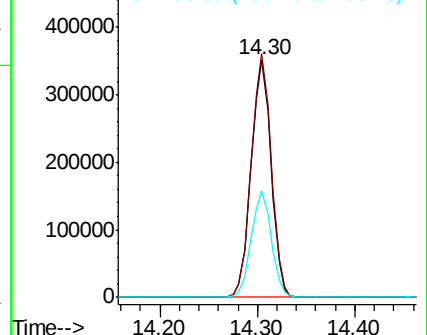


Abundance

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: 40.705 ng

RT: 12.49 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Tgt Ion:216 Resp: 603089

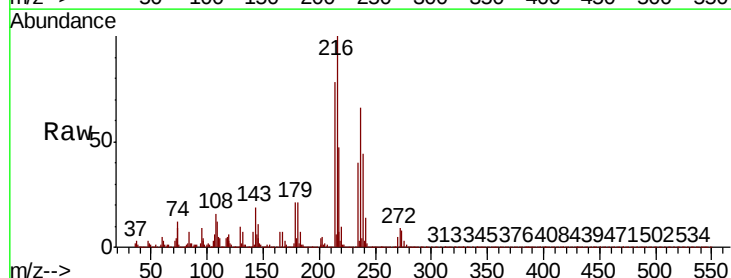
Ion Ratio Lower Upper

216 100

214 78.1 62.4 93.6

179 21.2 16.9 25.3

108 17.8 12.8 19.2



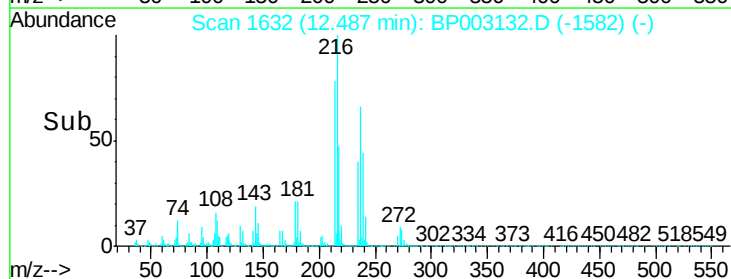
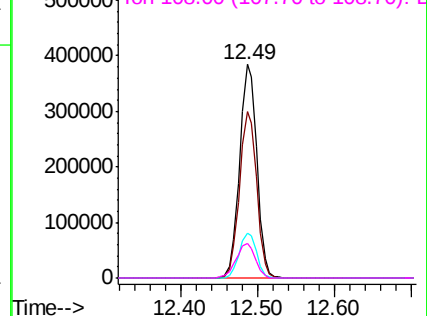
Abundance

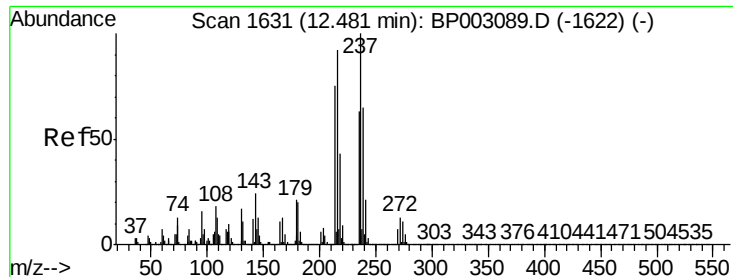
Ion 216.00 (215.70 to 216.70): E

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: 107.251 ng

RT: 12.47 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Instrument :

BNA_P

ClientSampleId :

PB131234BSD

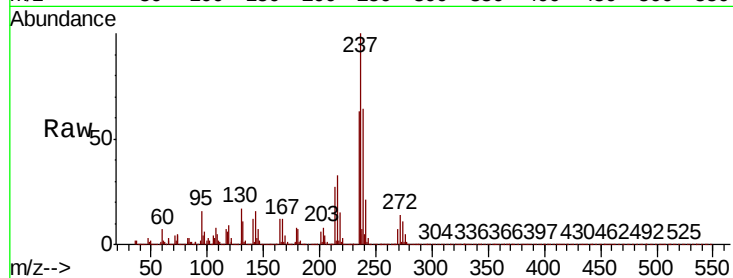
Tot Ion:237 Resp: 751161

Ion Ratio Lower Upper

237 100

235 62.6 43.0 83.0

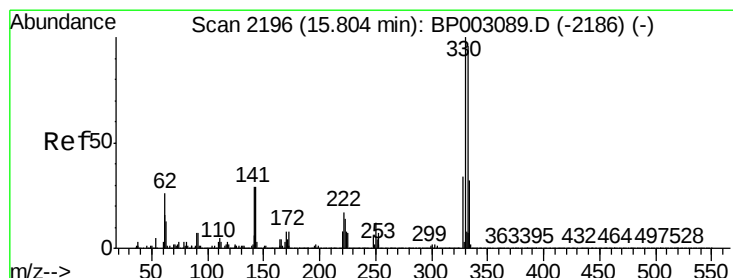
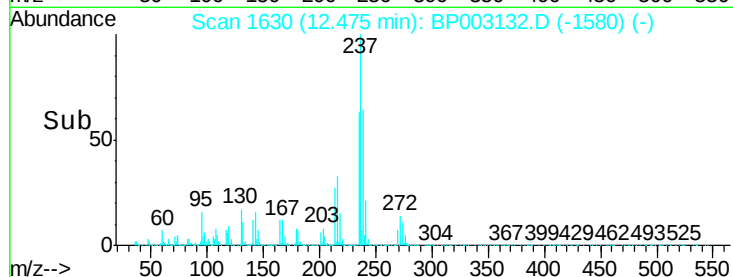
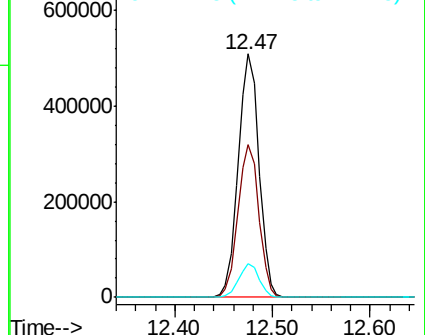
272 13.7 0.0 33.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 101.623 ng

RT: 15.80 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

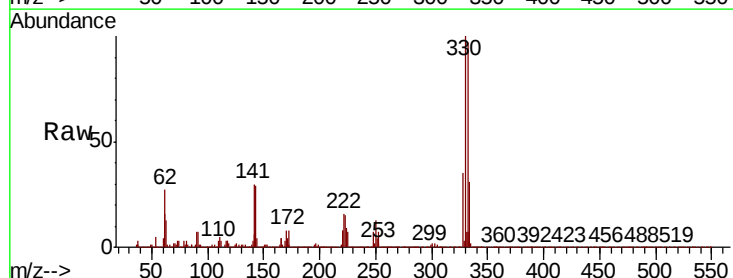
Tgt Ion:330 Resp: 687050

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

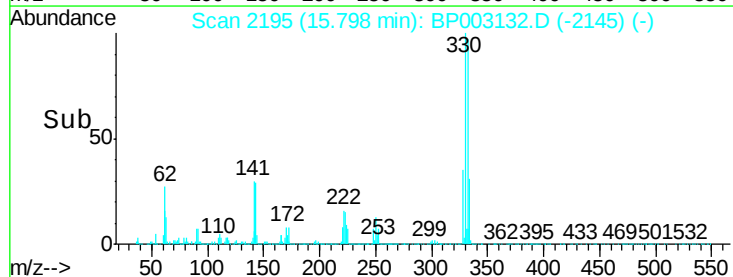
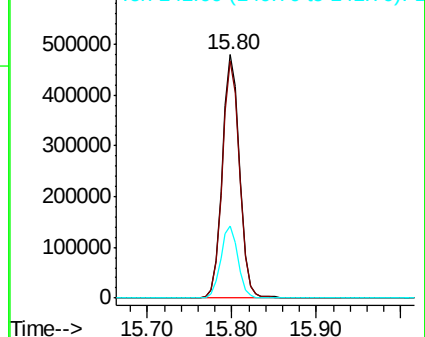
141 29.9 24.4 36.6

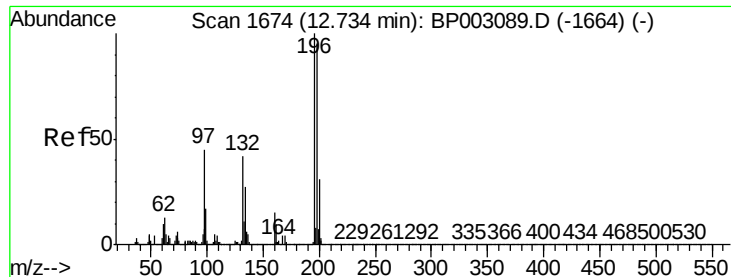


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

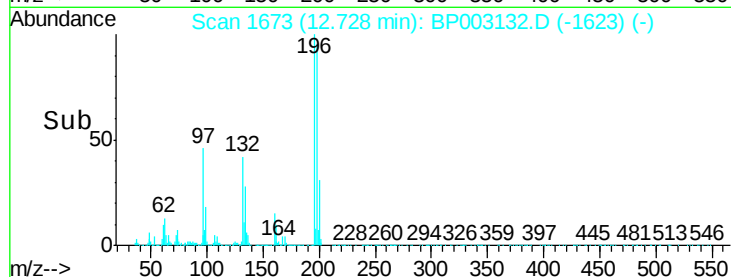
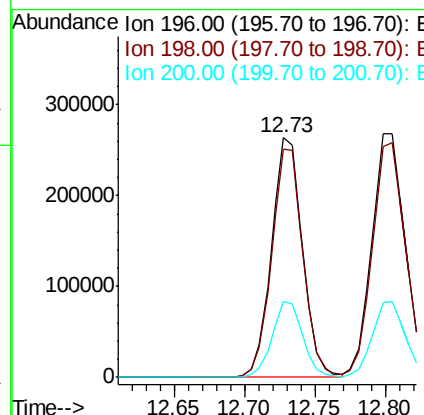
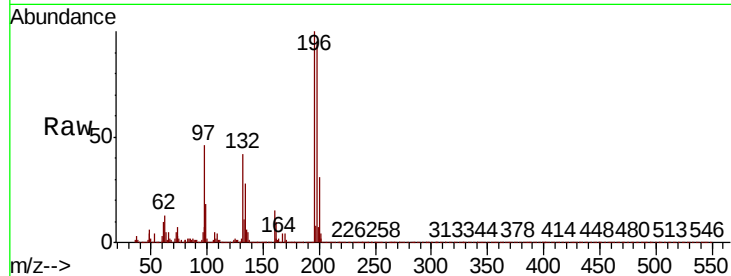




#43
 2,4,6-Trichlorophenol
 Concen: 41.653 ng
 RT: 12.73 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BP003132.D
 Acq: 27 Aug 2020 15:14

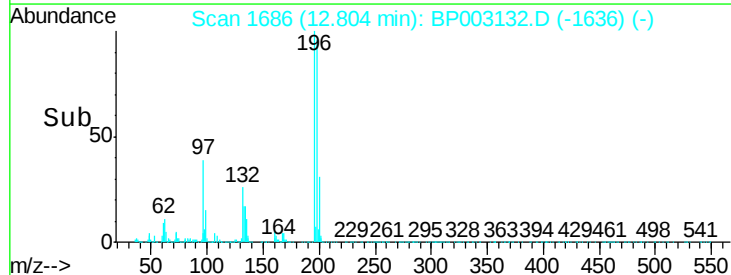
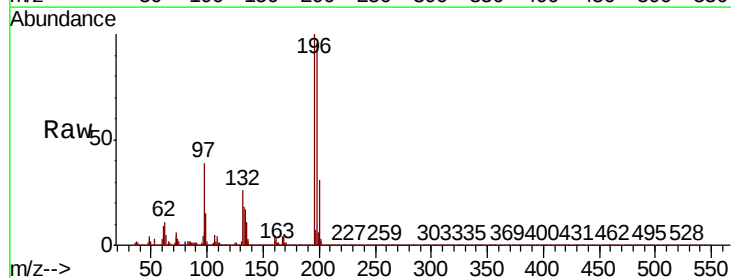
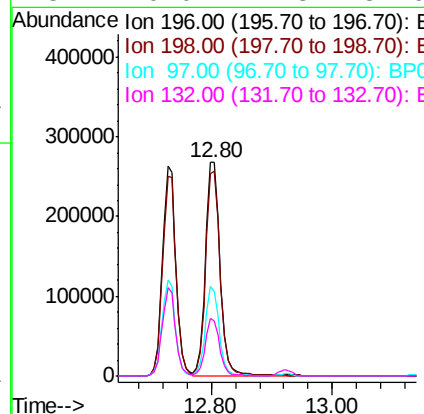
Instrument :
 BNA_P
 ClientSampleId :
 PB131234BSD

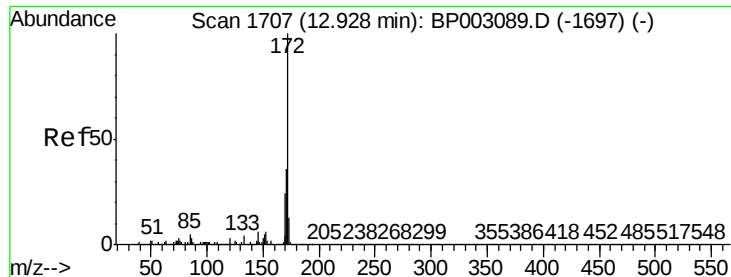
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.8	113.6
200	31.5	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 43.907 ng
 RT: 12.80 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BP003132.D
 Acq: 27 Aug 2020 15:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.6	115.0
97	39.5	30.3	45.5
132	26.0	21.3	31.9

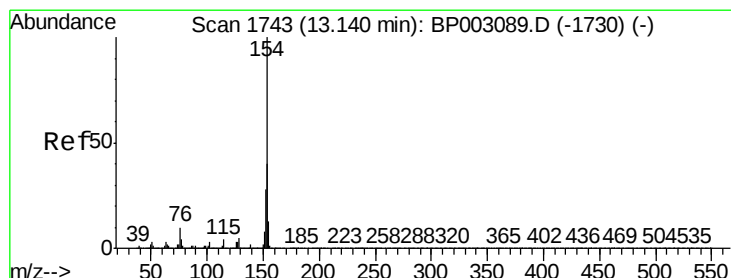
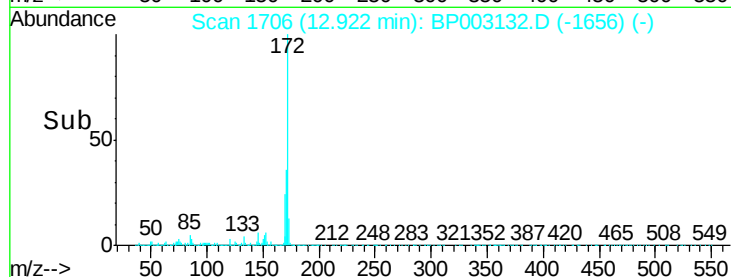
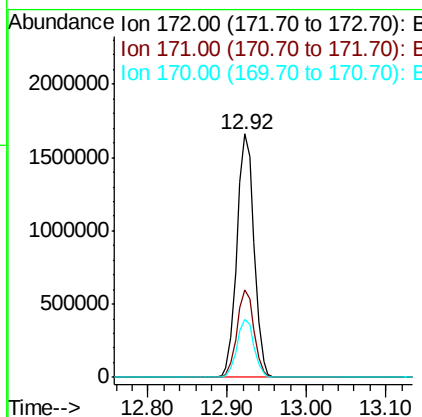
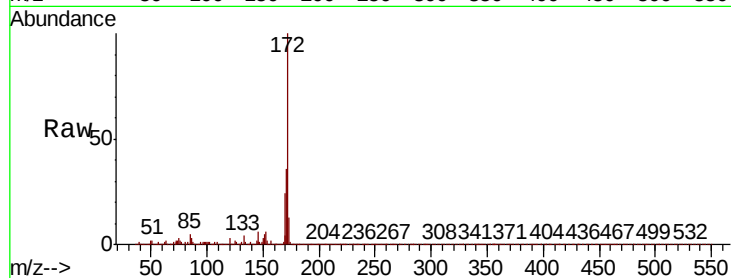




#45
2-Fluorobiphenyl
Concen: 72.555 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

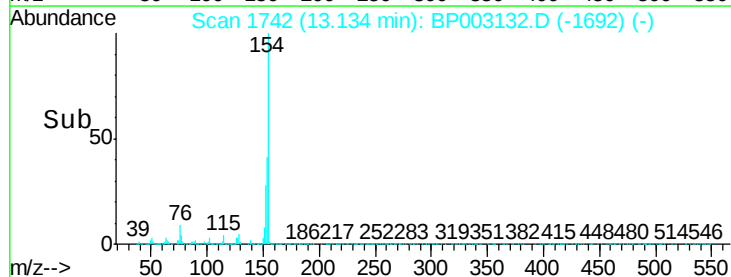
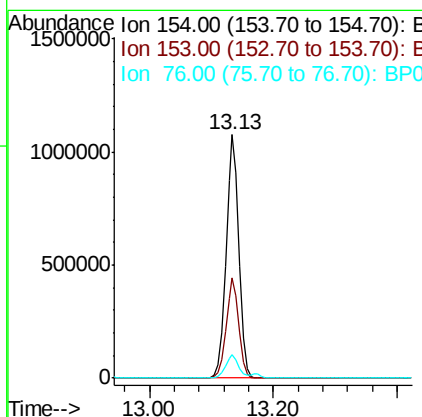
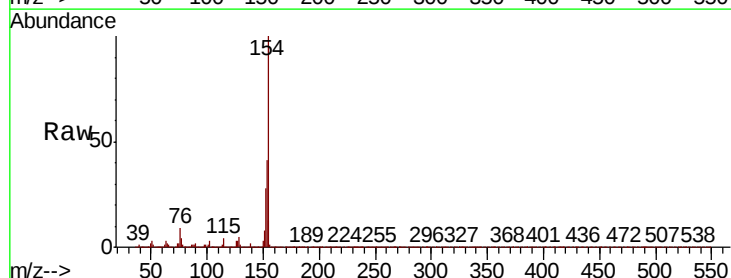
Instrument :
BNA_P
ClientSampleId :
PB131234BSD

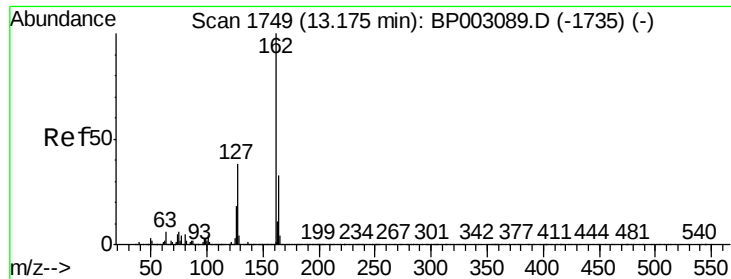
Tot Ion:172 Resp: 2476615
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 23.6 19.0 28.4



#46
1,1'-Biphenyl
Concen: 41.047 ng
RT: 13.13 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

Tgt Ion:154 Resp: 1539077
Ion Ratio Lower Upper
154 100
153 41.0 20.3 60.3
76 9.4 0.0 29.7





#47

2-Chloronaphthalene

Concen: 38.187 ng

RT: 13.17 min Scan# 1748

Delta R.T. -0.01 min

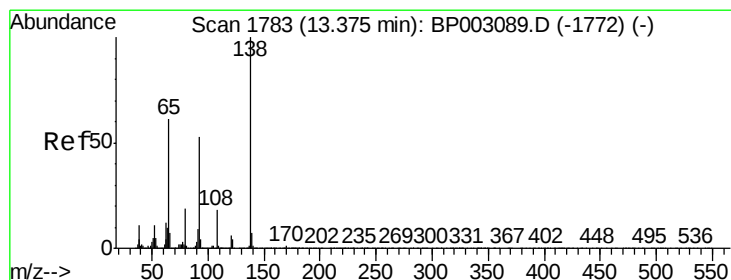
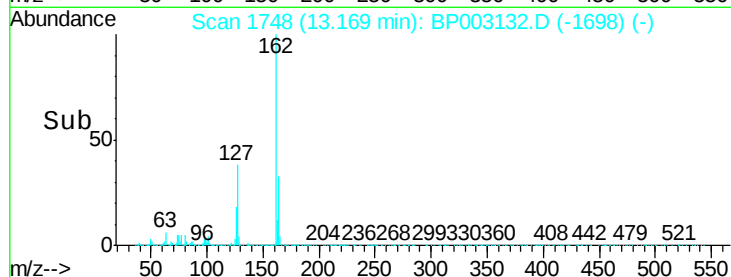
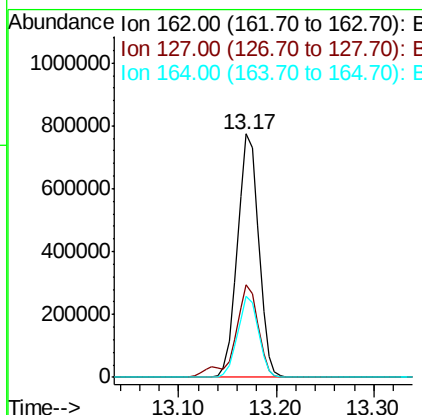
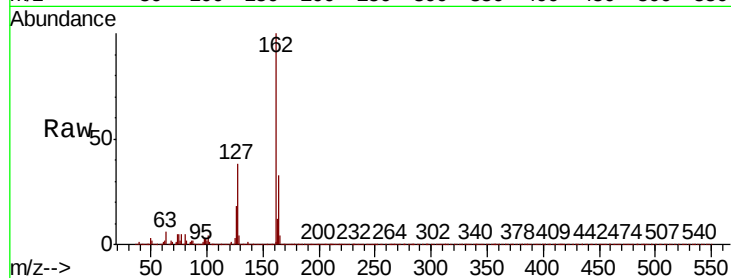
Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Instrument :
BNA_P
ClientSampleId :
PB131234BSD

Tot Ion:162 Resp: 1172020

Ion	Ratio	Lower	Upper
162	100		
127	37.9	30.6	45.8
164	33.4	26.3	39.5



#48

2-Nitroaniline

Concen: 40.844 ng

RT: 13.37 min Scan# 1783

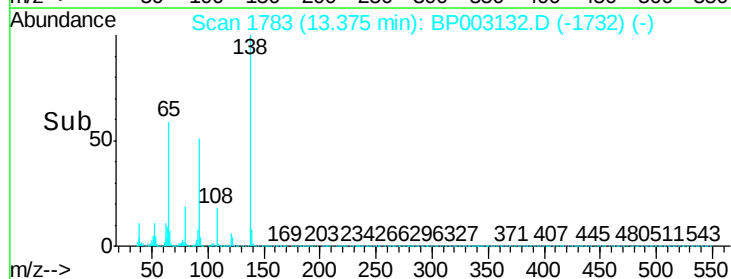
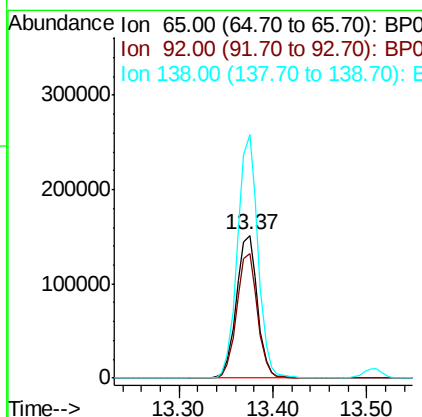
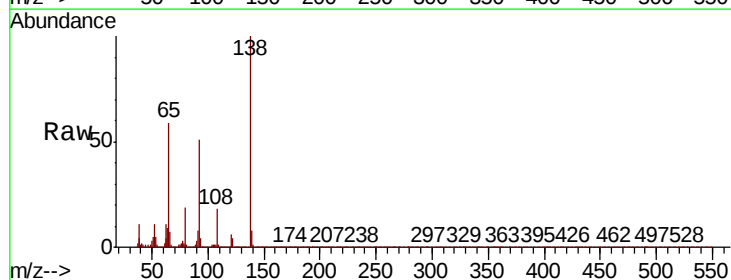
Delta R.T. 0.00 min

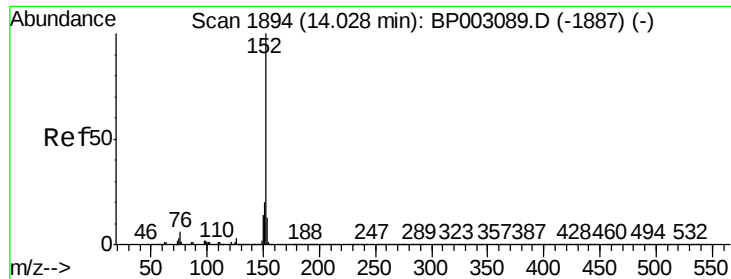
Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Tgt Ion: 65 Resp: 234712

Ion	Ratio	Lower	Upper
65	100		
92	87.5	70.2	105.4
138	170.8	131.7	197.5





#49

Acenaphthylene

Concen: 41.105 ng

RT: 14.02 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Instrument :

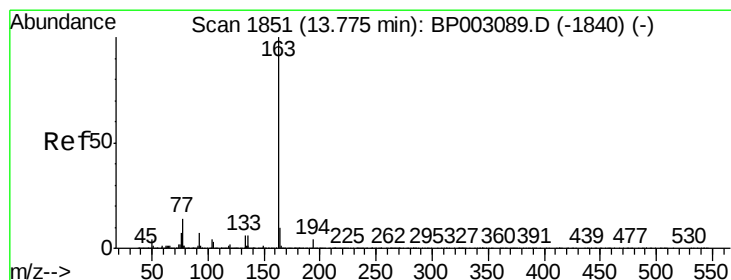
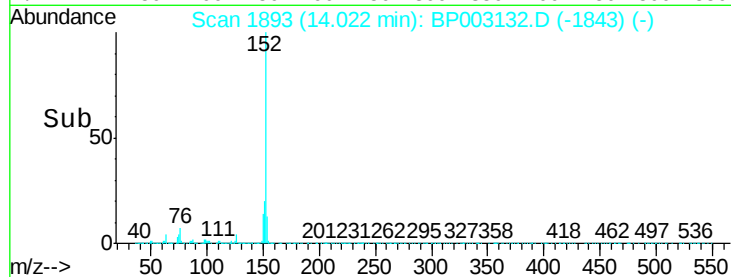
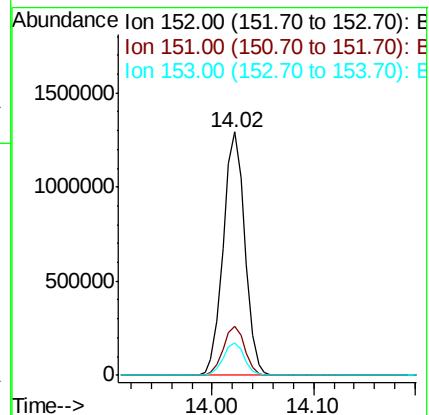
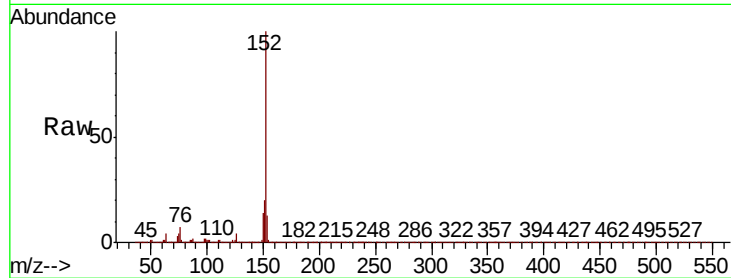
BNA_P

ClientSampleId :

PB131234BSD

Tot Ion:152 Resp: 1907685

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	13.1	10.5	15.7



#50

Dimethylphthalate

Concen: 38.639 ng

RT: 13.77 min Scan# 1850

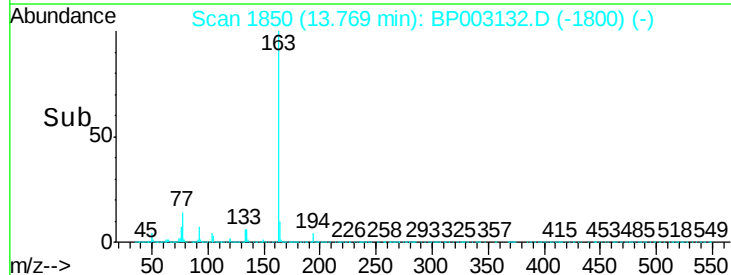
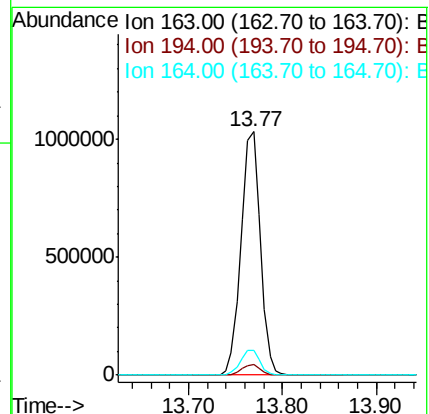
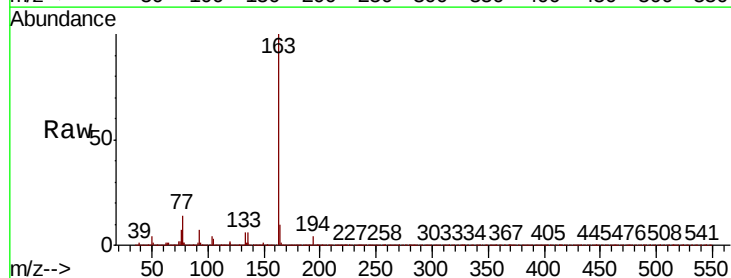
Delta R.T. -0.01 min

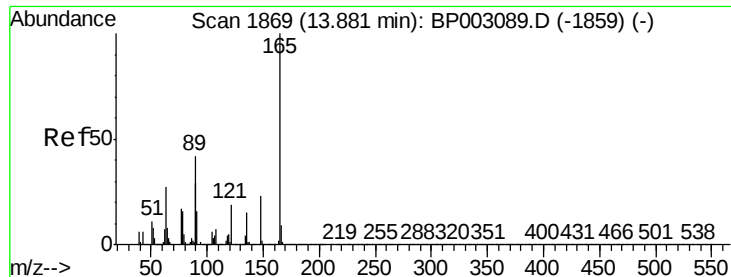
Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Tgt Ion:163 Resp: 1472956

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.0	8.1	12.1

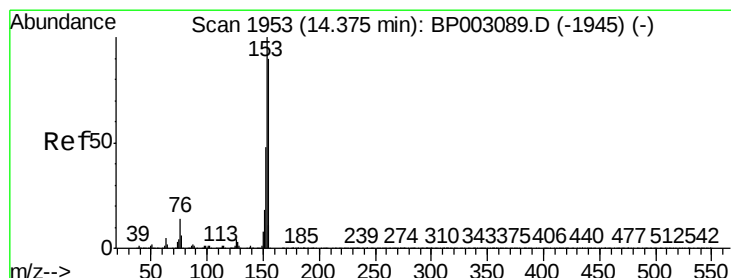
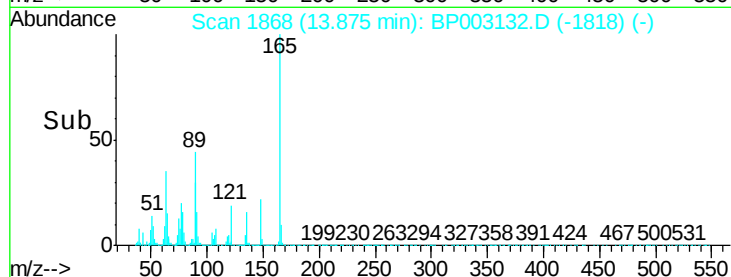
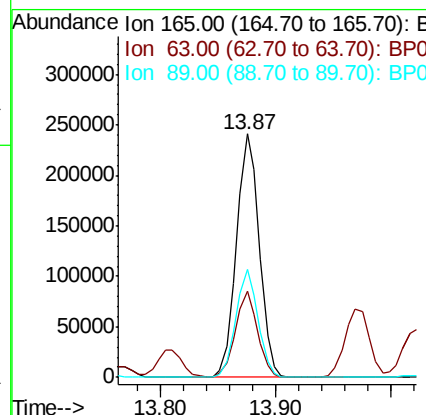
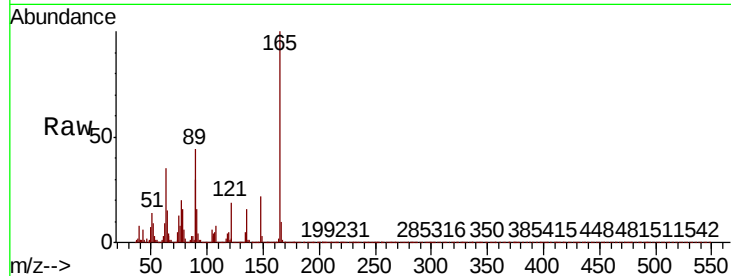




#51
 2,6-Dinitrotoluene
 Concen: 41.561 ng
 RT: 13.87 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: BP003132.D
 Acq: 27 Aug 2020 15:14

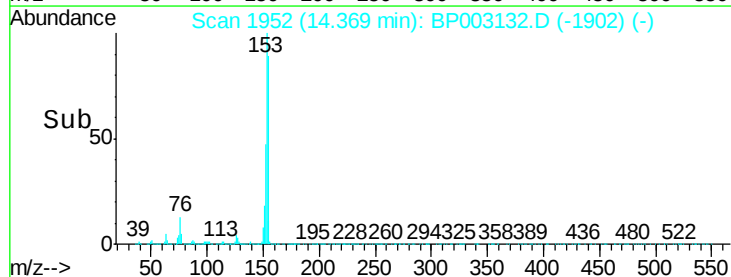
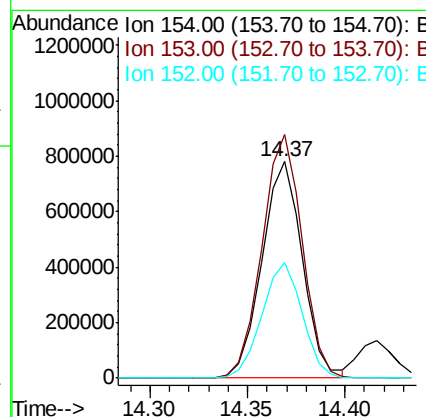
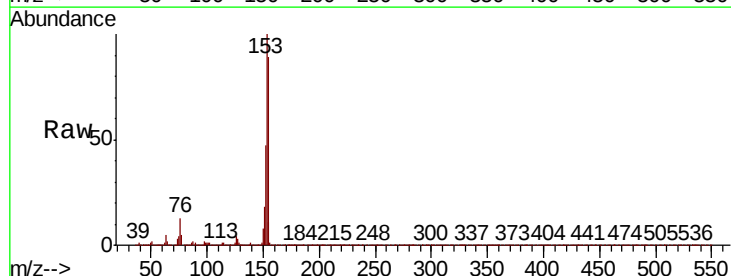
Instrument :
 BNA_P
 ClientSampleId :
 PB131234BSD

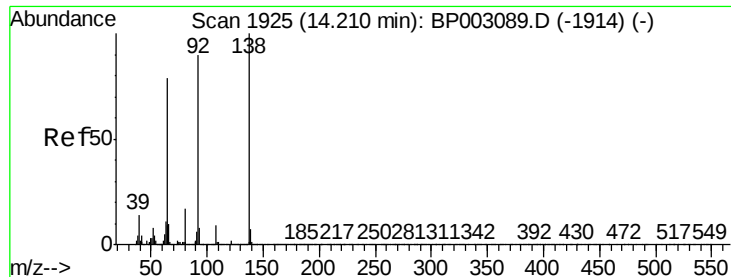
Tot Ion	Ratio	Lower	Upper
165	100		
63	35.2	27.5	41.3
89	44.1	33.6	50.4



#52
 Acenaphthene
 Concen: 39.460 ng
 RT: 14.37 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BP003132.D
 Acq: 27 Aug 2020 15:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.2	133.8
152	53.3	42.5	63.7

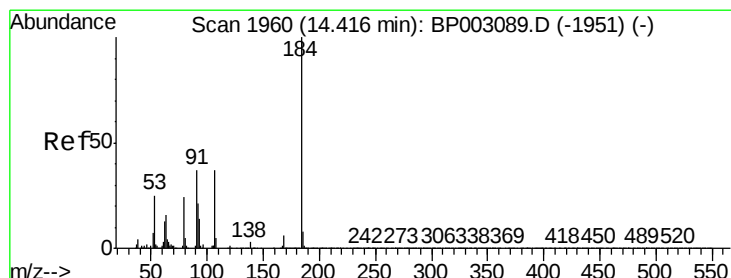
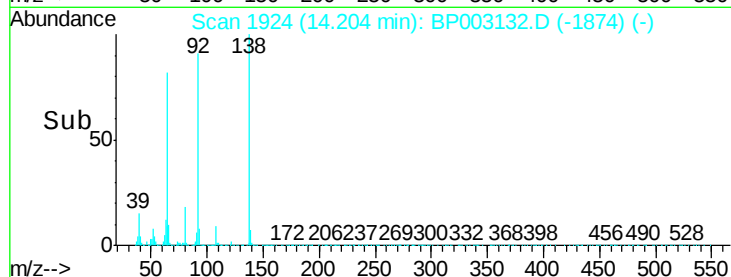
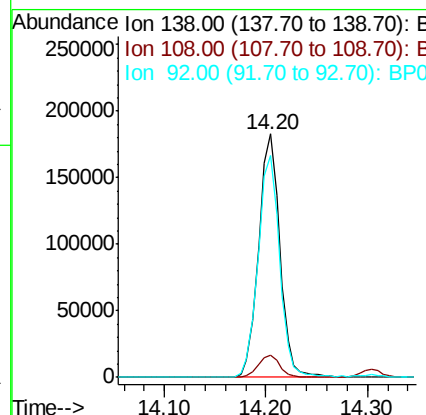
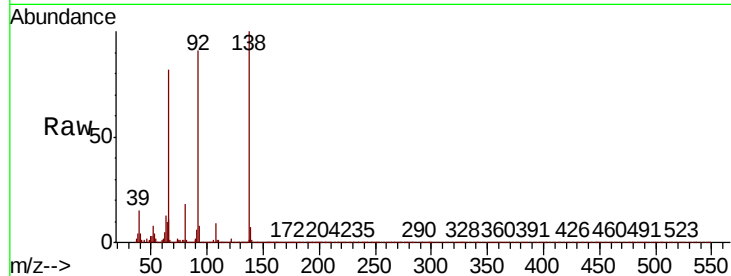




#53
3-Nitroaniline
Concen: 29.764 ng
RT: 14.20 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

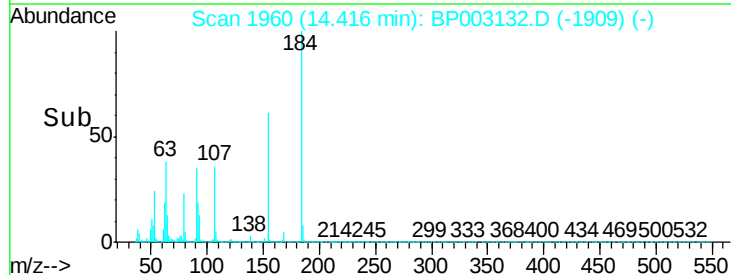
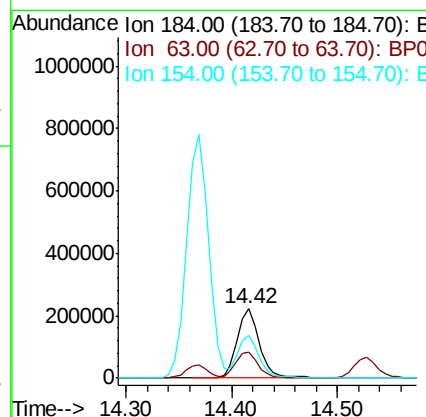
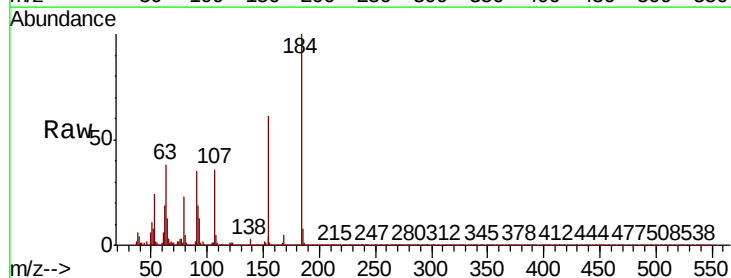
Instrument :
BNA_P
ClientSampleId :
PB131234BSD

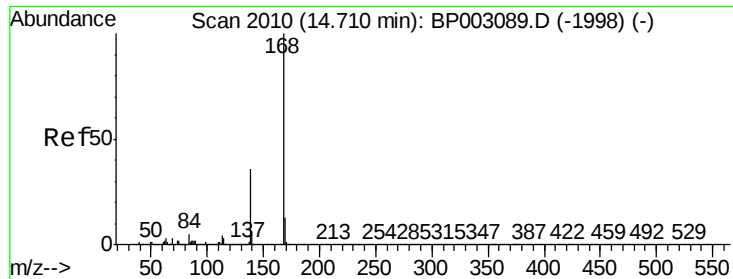
Tot Ion:138 Resp: 267172
Ion Ratio Lower Upper
138 100
108 9.1 7.4 11.0
92 91.0 72.2 108.2



#54
2,4-Dinitrophenol
Concen: 75.307 ng
RT: 14.42 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

Tgt Ion:184 Resp: 323744
Ion Ratio Lower Upper
184 100
63 38.0 32.0 48.0
154 61.0 48.2 72.2





#55

Dibenzofuran

Concen: 39.230 ng

RT: 14.70 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Instrument :

BNA_P

ClientSampleId :

PB131234BSD

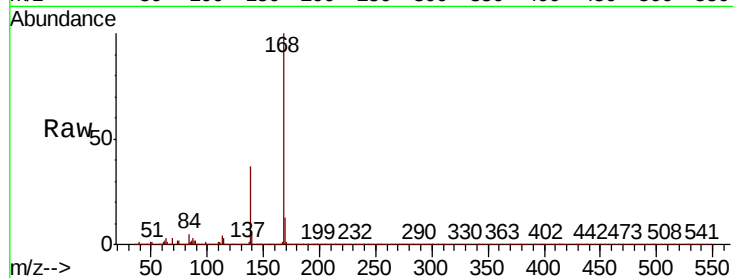
Tot Ion:168 Resp: 1756613

Ion	Ratio	Lower	Upper
168	100		
139	36.7	29.3	43.9
169	13.5	10.6	15.8

168 100

139 36.7 29.3 43.9

169 13.5 10.6 15.8

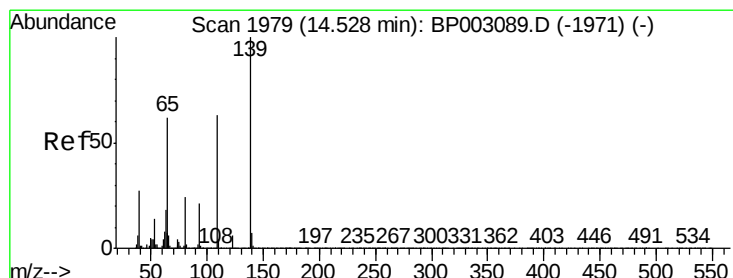
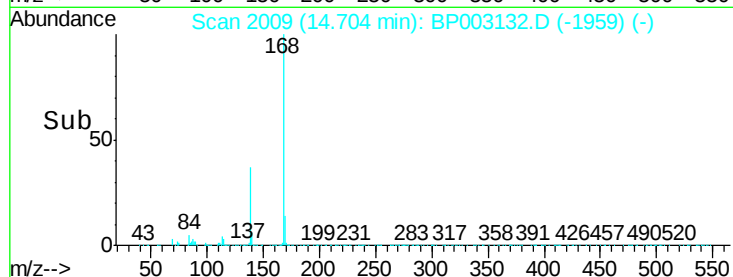
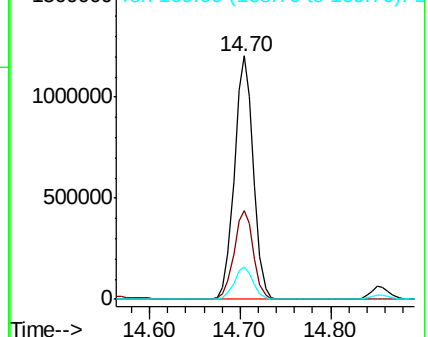


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 88.126 ng

RT: 14.53 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

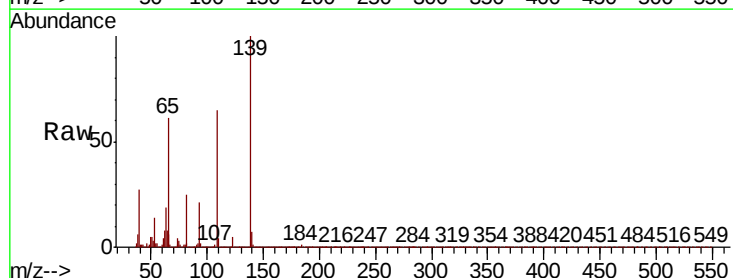
Tgt Ion:139 Resp: 569099

Ion	Ratio	Lower	Upper
139	100		
109	64.8	42.8	82.8
65	60.9	41.7	81.7

139 100

109 64.8 42.8 82.8

65 60.9 41.7 81.7

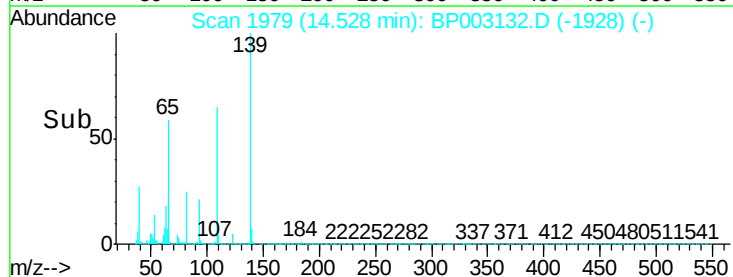
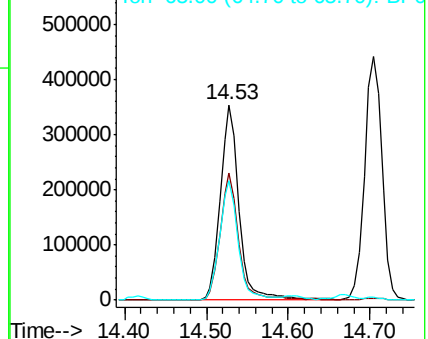


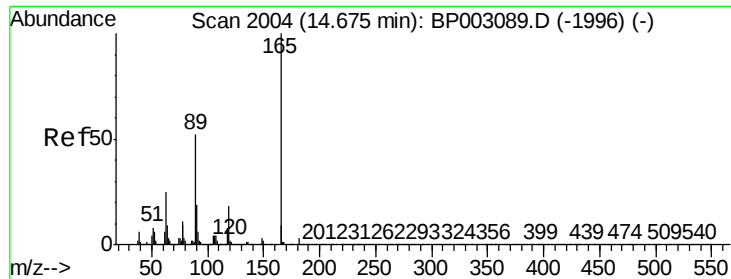
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

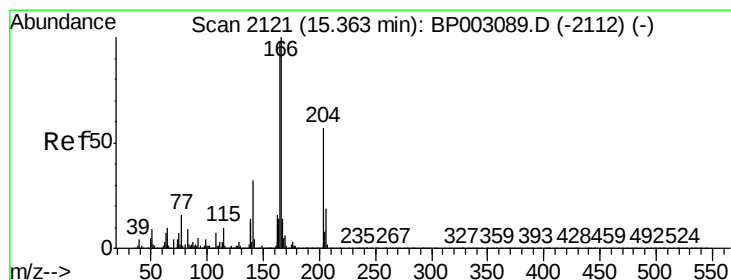
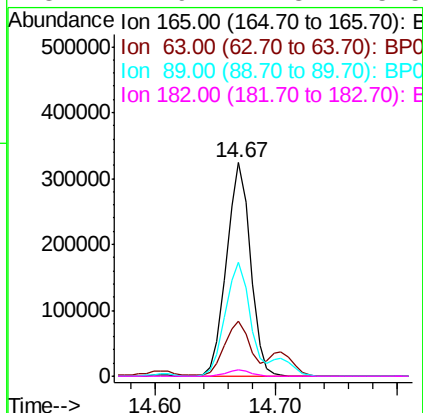
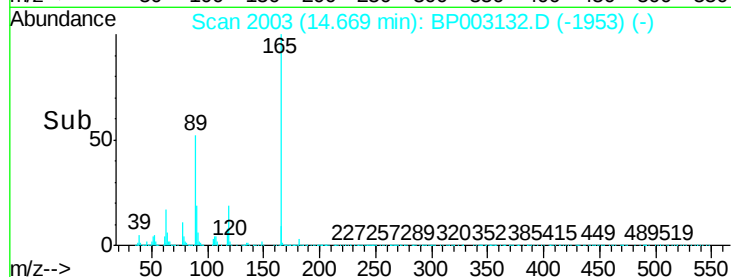
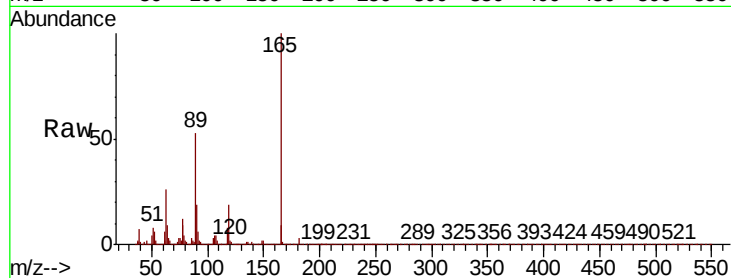




#57
2,4-Dinitrotoluene
Concen: 41.779 ng
RT: 14.67 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

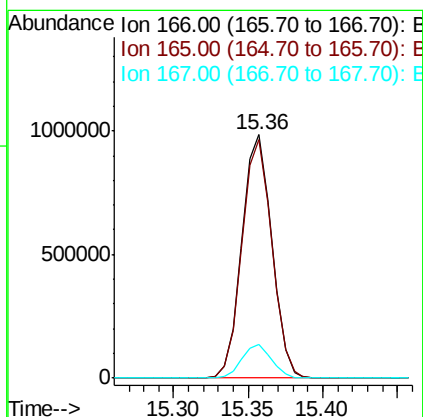
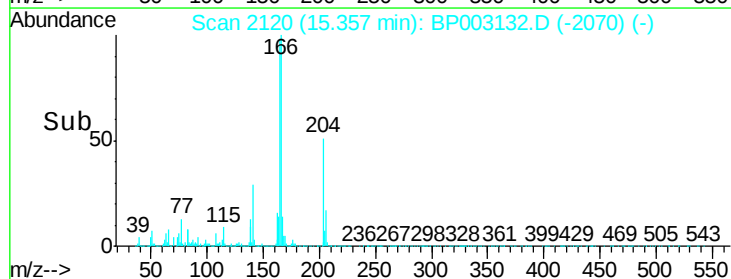
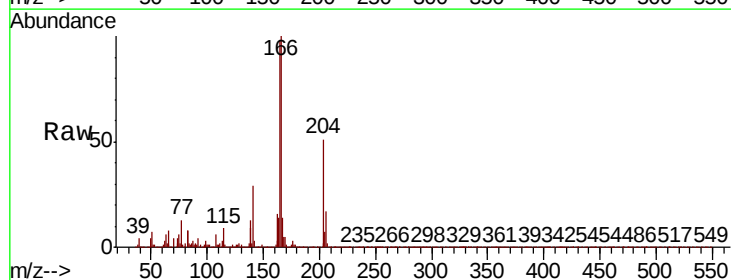
Instrument :
BNA_P
ClientSampleId :
PB131234BSD

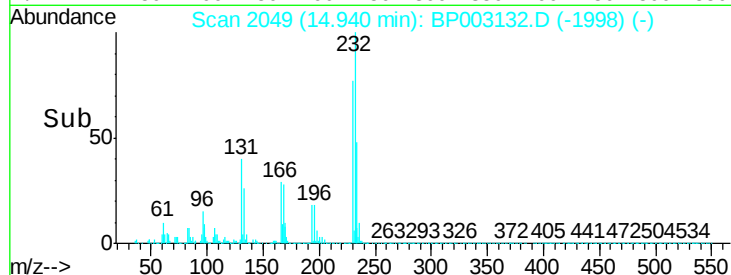
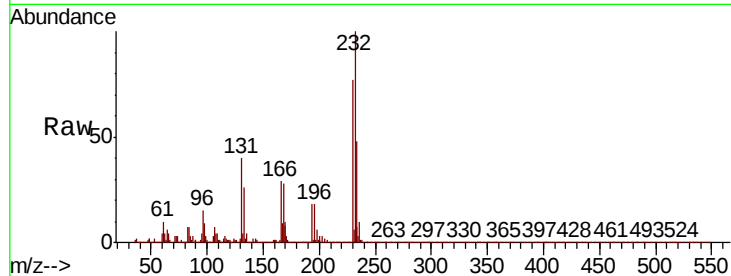
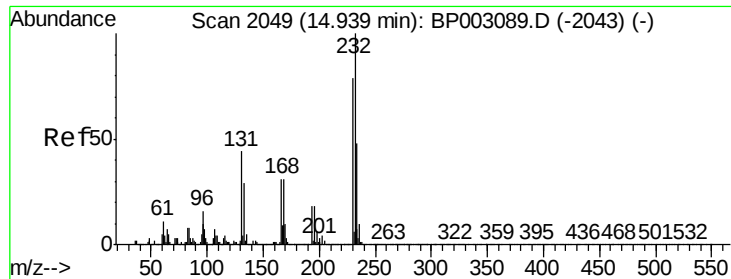
Tot Ion:165	Resp:	445052
Ion Ratio	Lower	Upper
165	100	
63	25.8	20.3 30.5
89	53.3	42.0 63.0
182	2.9	2.3 3.5



#58
Fluorene
Concen: 39.715 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

Tgt Ion:166	Resp:	1369906
Ion Ratio	Lower	Upper
166	100	
165	97.8	78.3 117.5
167	13.7	11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.520 ng

RT: 14.94 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Instrument :

BNA_P

ClientSampleId :

PB131234BSD

Tot Ion:232 Resp: 396428

Ion Ratio Lower Upper

232 100

131 42.0 34.3 51.5

130 2.2 1.8 2.6

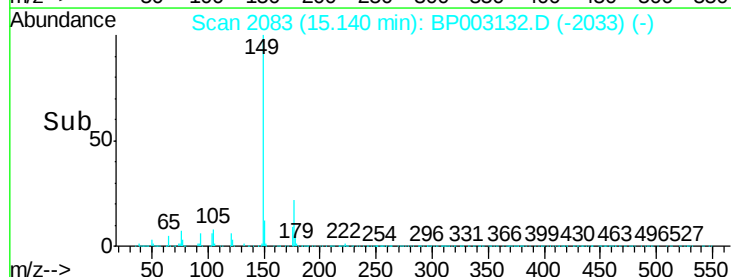
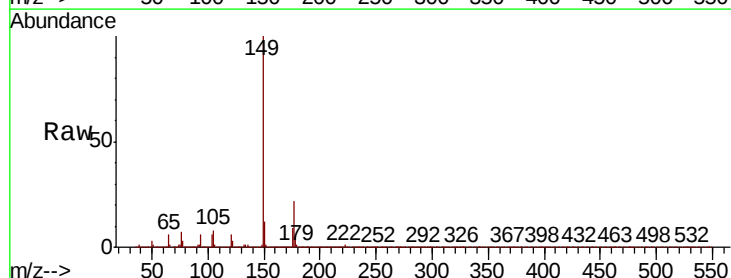
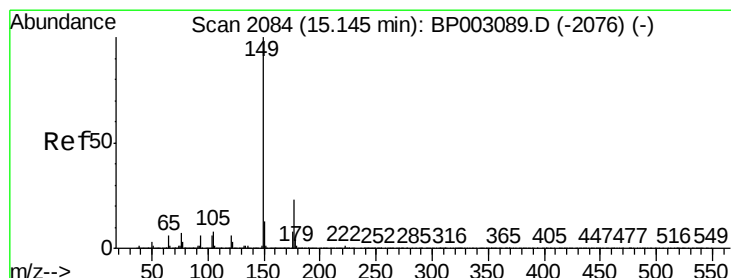
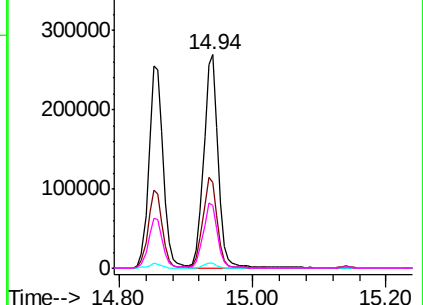
166 29.8 24.2 36.2

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 38.829 ng

RT: 15.14 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Tgt Ion:149 Resp: 1452195

Ion Ratio Lower Upper

149 100

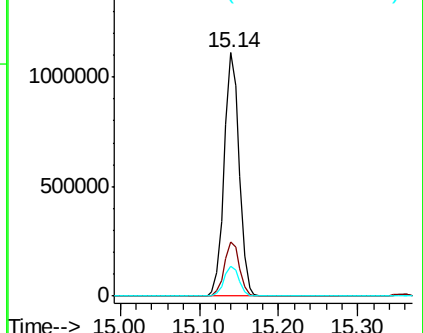
177 22.5 18.1 27.1

150 12.4 10.2 15.4

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

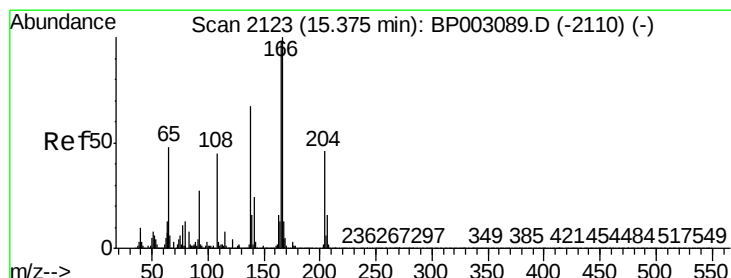
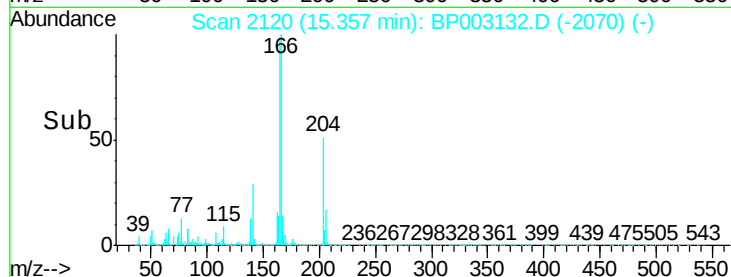
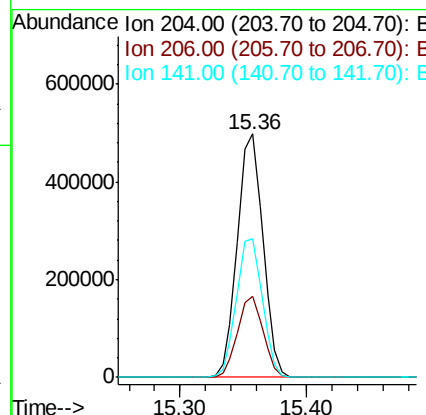
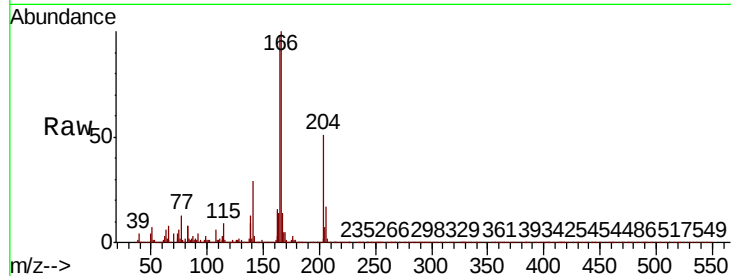




#61
4-Chlorophenyl-phenylether
Concen: 39.084 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

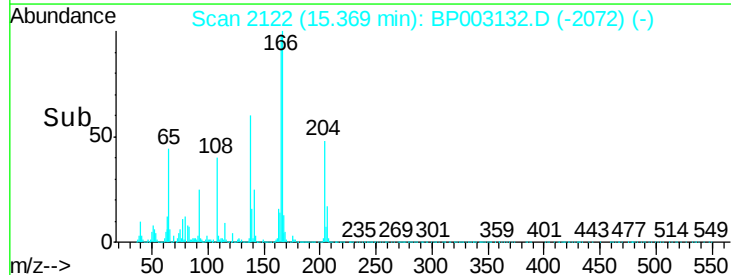
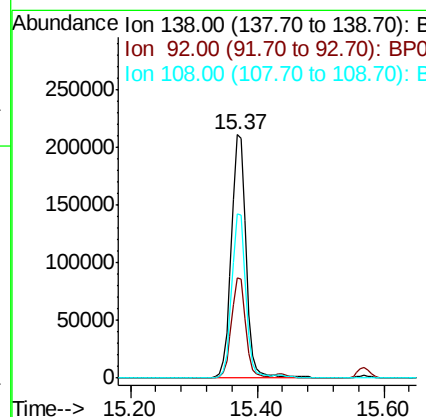
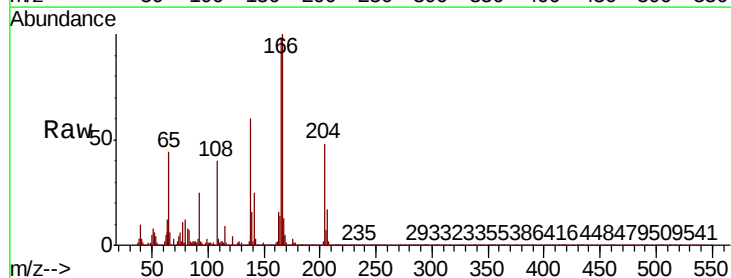
Instrument :
BNA_P
ClientSampleId :
PB131234BSD

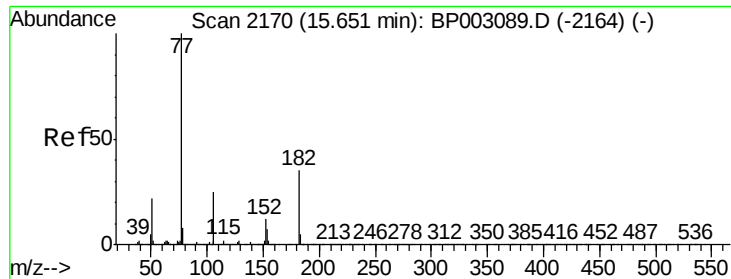
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	57.0	45.5	68.3



#62
4-Nitroaniline
Concen: 37.244 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	41.1	21.1	61.1
108	67.5	46.6	86.6

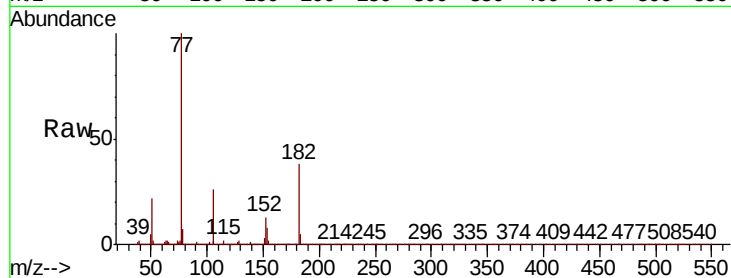




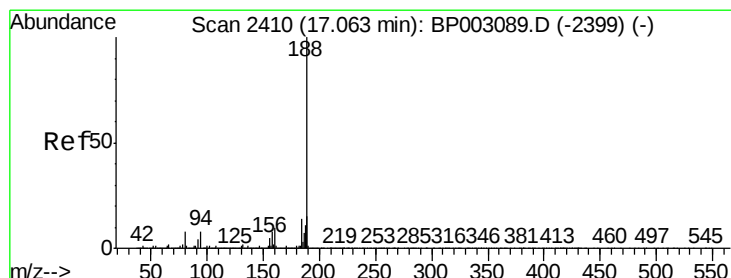
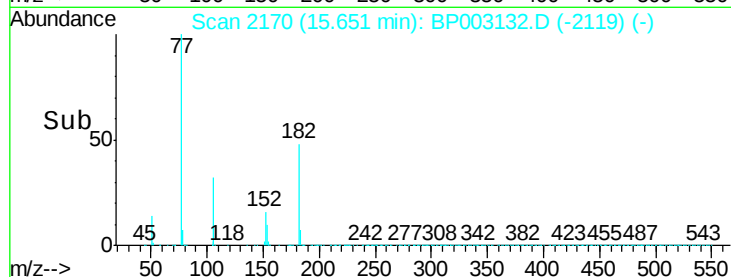
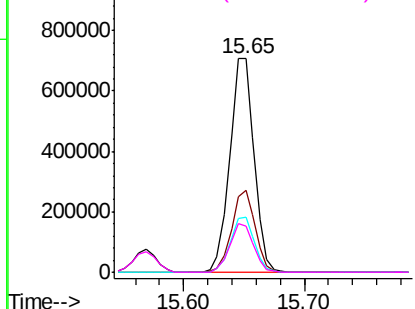
#63
Azobenzene
Concen: 39.750 ng
RT: 15.65 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

Instrument :
BNA_P
ClientSampleId :
PB131234BSD

Tot Ion:	77	Resp:	986676
Ion	Ratio	Lower	Upper
77	100		
182	38.2	15.4	55.4
105	25.6	5.1	45.1
51	21.7	1.9	41.9

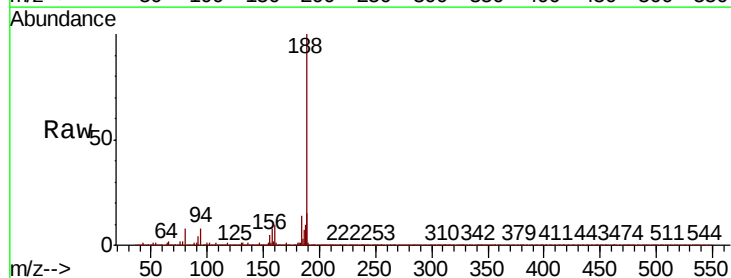


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

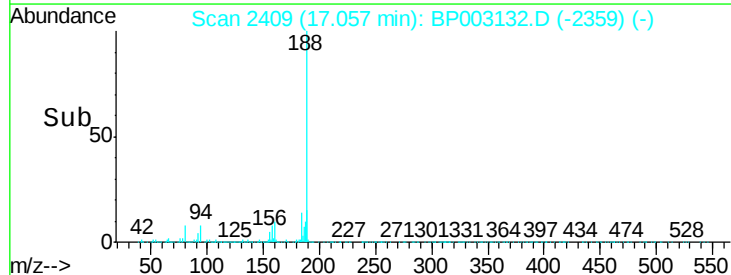
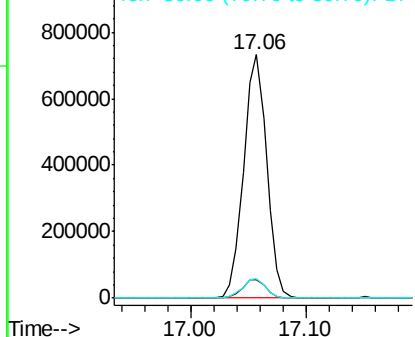


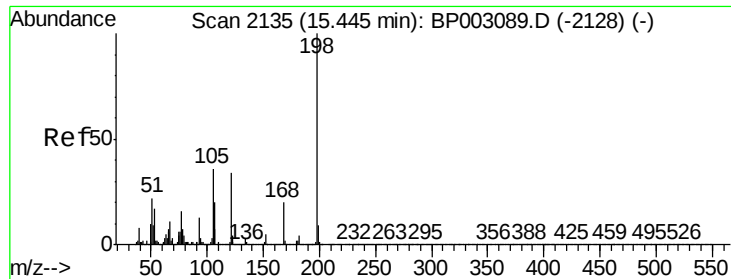
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

Tgt Ion:	188	Resp:	1018084
Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.2	9.4
80	7.9	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

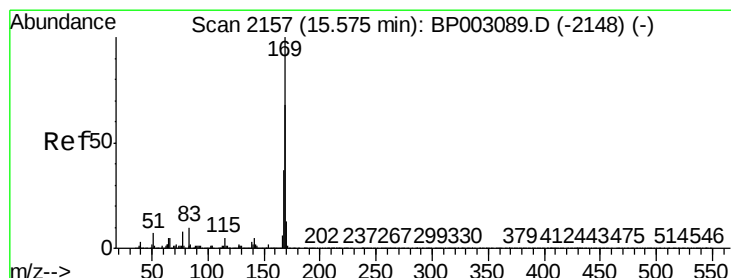
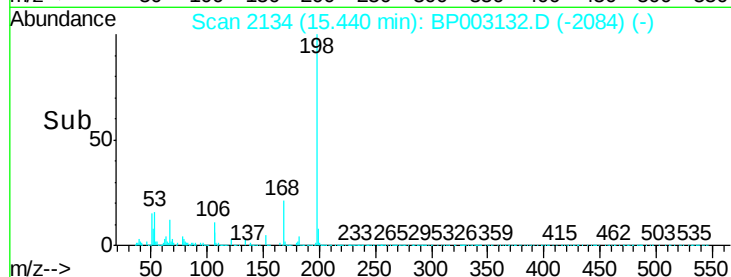
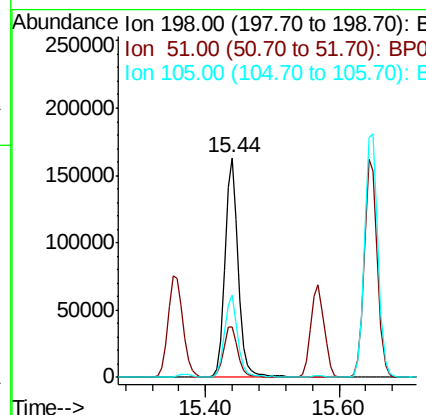
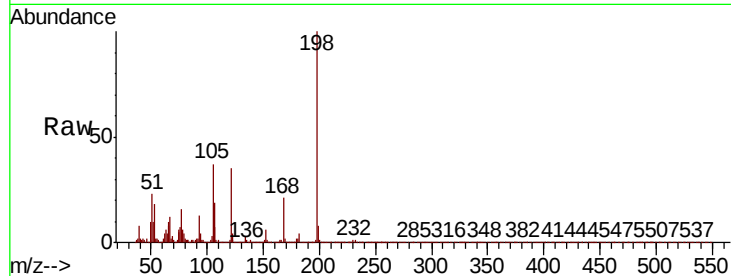




#65
4,6-Dinitro-2-methylphenol
Concen: 47.015 ng
RT: 15.44 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

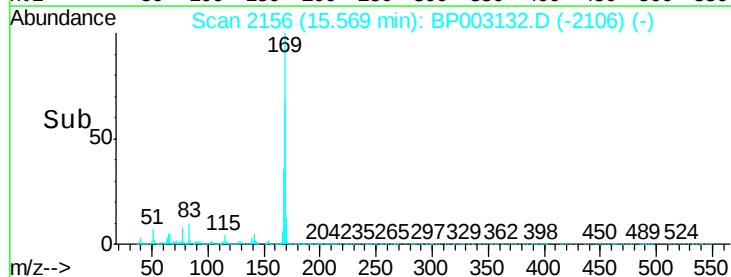
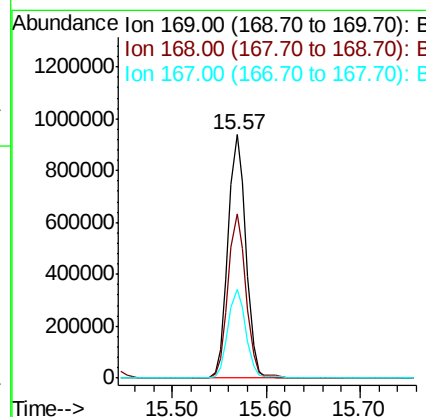
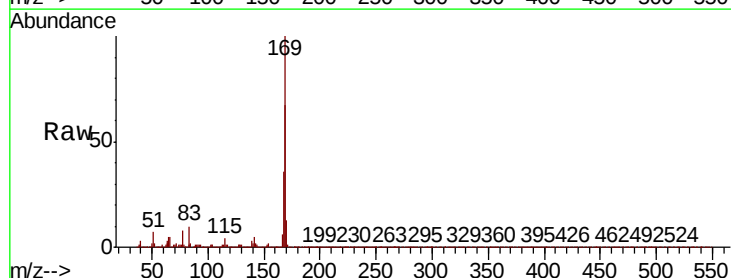
Instrument :
BNA_P
ClientSampleId :
PB131234BSD

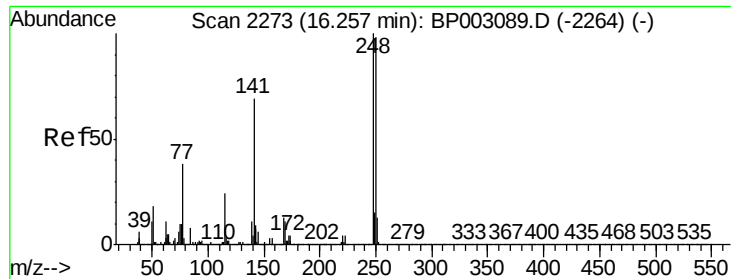
Tot Ion:198 Resp: 228910
Ion Ratio Lower Upper
198 100
51 22.7 2.4 42.4
105 37.3 16.1 56.1



#66
n-Nitrosodiphenylamine
Concen: 41.801 ng
RT: 15.57 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

Tgt Ion:169 Resp: 1244376
Ion Ratio Lower Upper
169 100
168 67.3 54.2 81.4
167 36.3 29.4 44.2

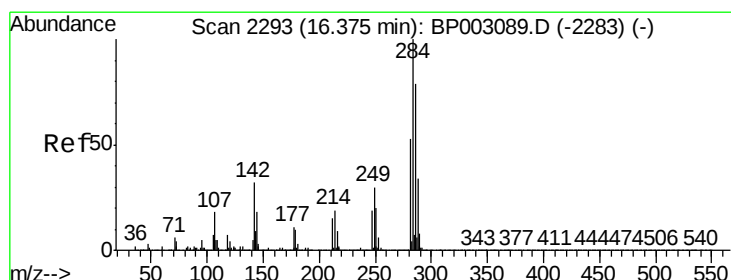
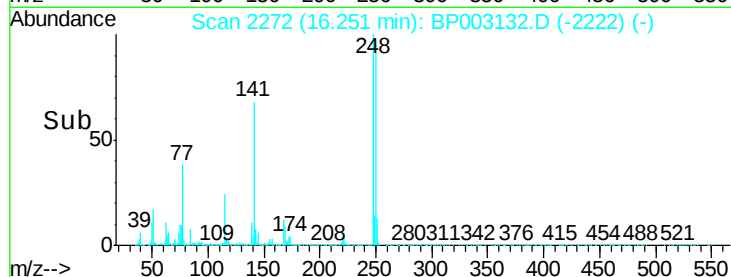
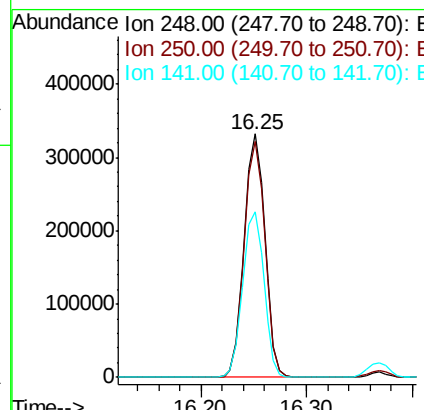
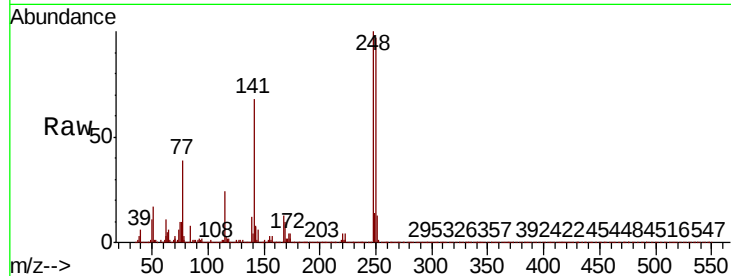




#67
4-Bromophenyl-phenylether
Concen: 40.241 ng
RT: 16.25 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

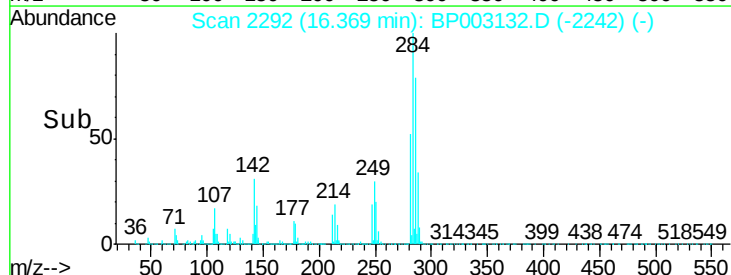
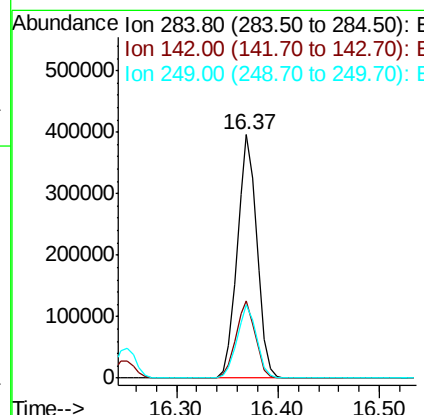
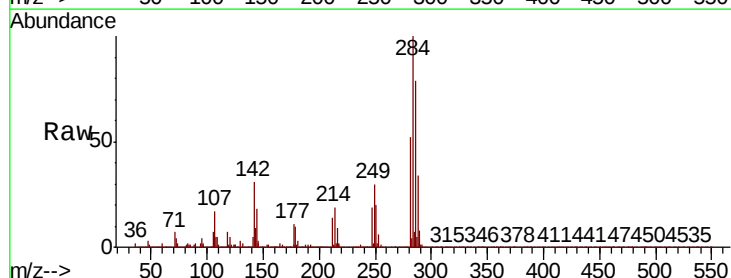
Instrument :
BNA_P
ClientSampleId :
PB131234BSD

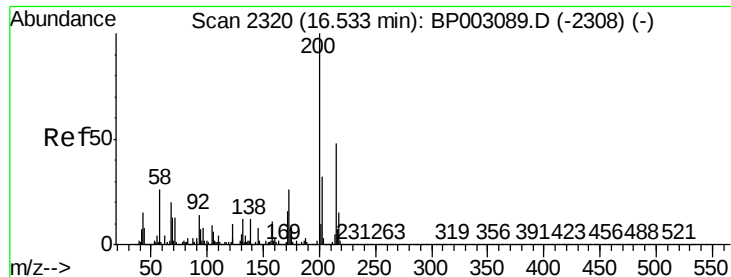
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.3	117.5
141	67.8	54.9	82.3



#68
Hexachlorobenzene
Concen: 39.589 ng
RT: 16.37 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	25.8	38.6
249	30.2	24.3	36.5





#69

Atrazine

Concen: 38.470 ng

RT: 16.53 min Scan# 2319

Delta R.T. -0.01 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Instrument :

BNA_P

ClientSampleId :

PB131234BSD

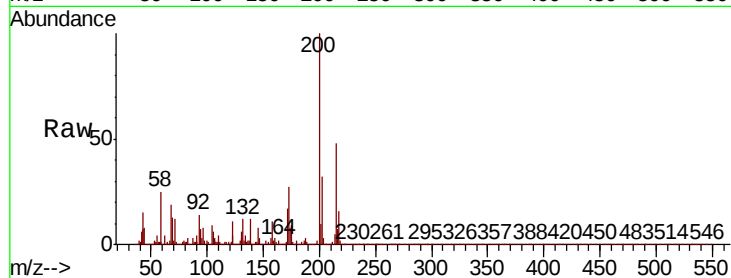
Tot Ion:200 Resp: 386256

Ion Ratio Lower Upper

200 100

173 27.0 6.3 46.3

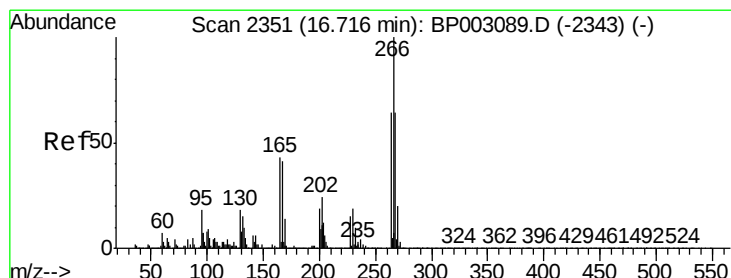
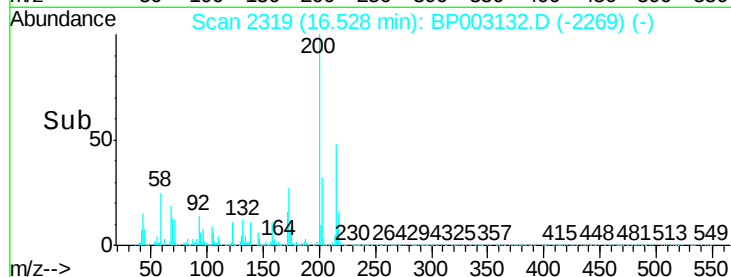
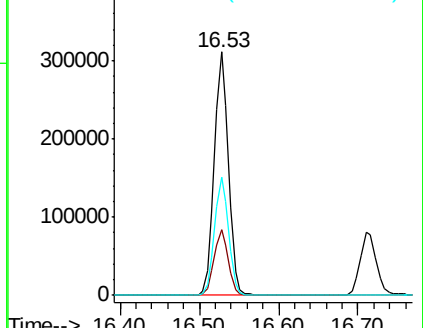
215 48.5 27.9 67.9



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: 98.769 ng

RT: 16.72 min Scan# 2351

Delta R.T. 0.00 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

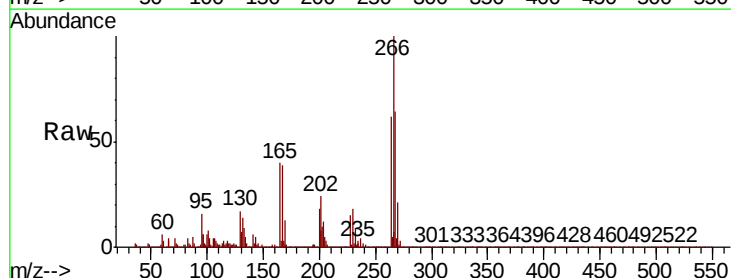
Tgt Ion:266 Resp: 631821

Ion Ratio Lower Upper

266 100

268 63.5 51.3 76.9

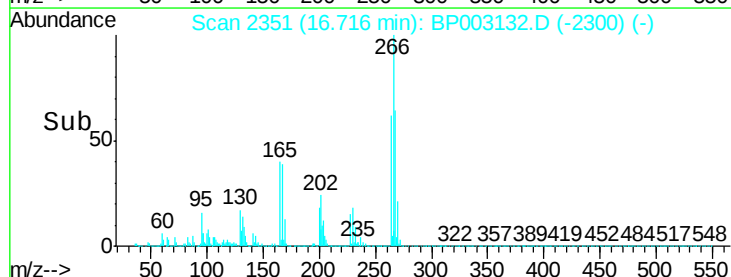
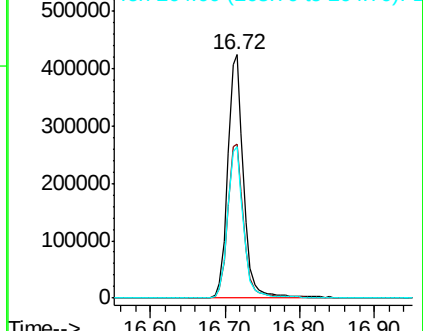
264 62.0 51.0 76.6

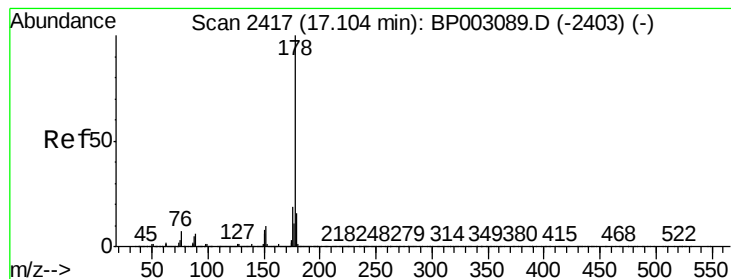


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.880 ng

RT: 17.10 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Instrument :

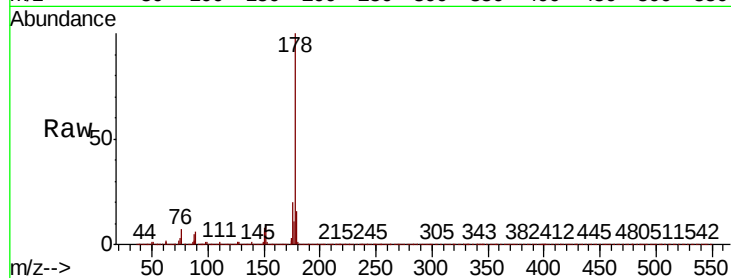
BNA_P

ClientSampleId :

PB131234BSD

Tot Ion:178 Resp: 2200019

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.6	12.4	18.6

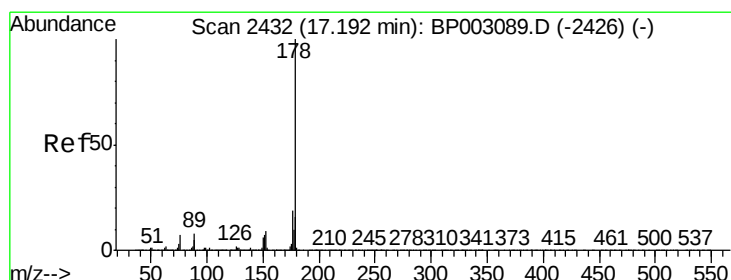
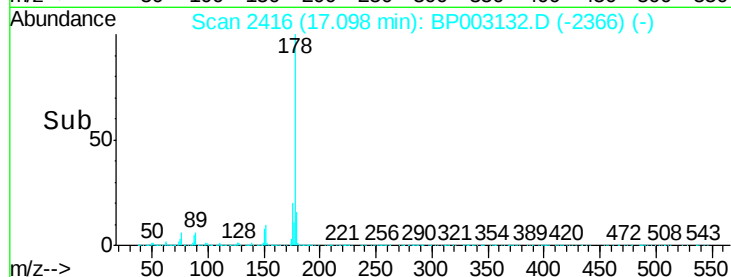
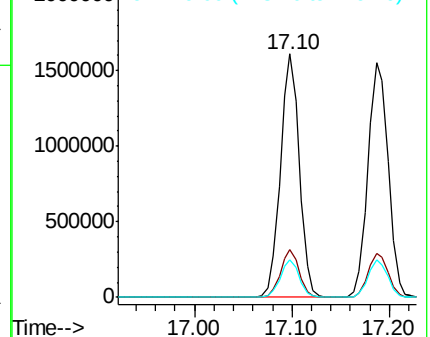


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.360 ng

RT: 17.19 min Scan# 2431

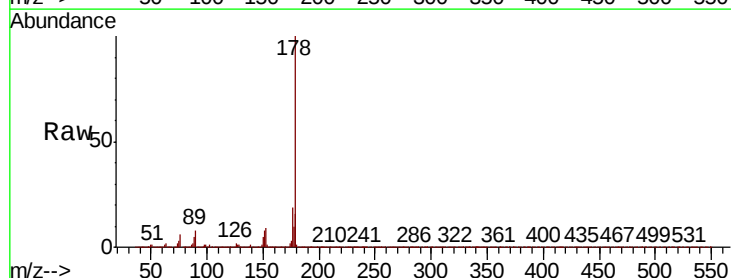
Delta R.T. -0.01 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Tgt Ion:178 Resp: 2236488

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.8	12.6	19.0

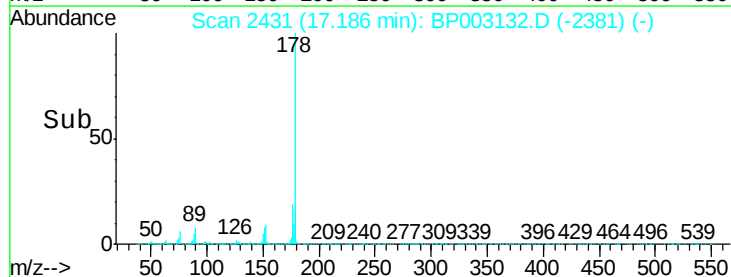
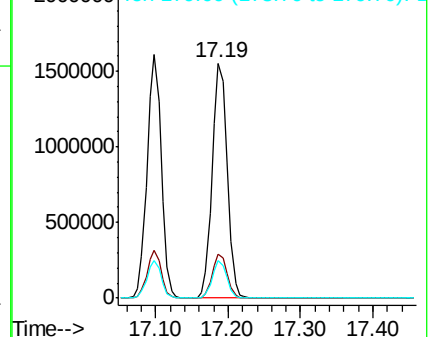


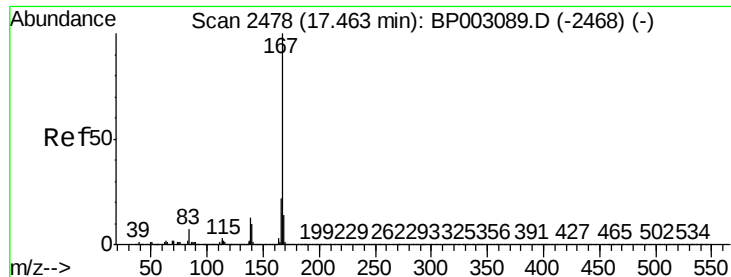
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.679 ng

RT: 17.46 min Scan# 2477

Delta R.T. -0.01 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Instrument :

BNA_P

ClientSampleId :

PB131234BSD

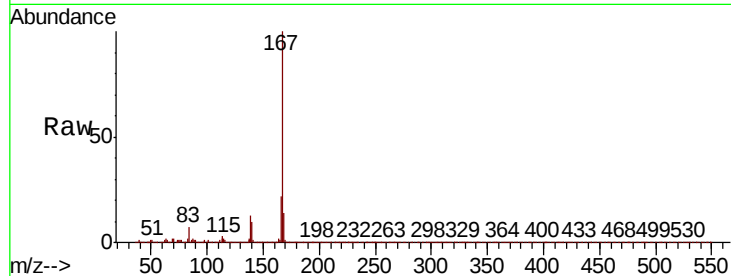
Tot Ion:167 Resp: 2061223

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

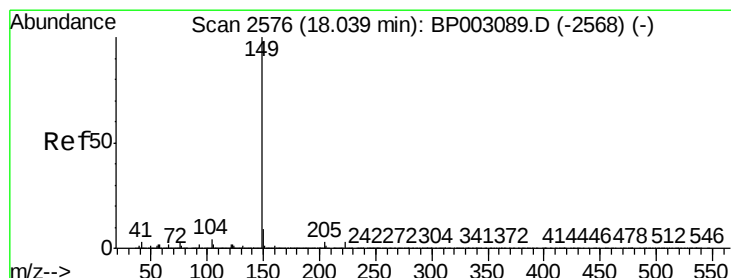
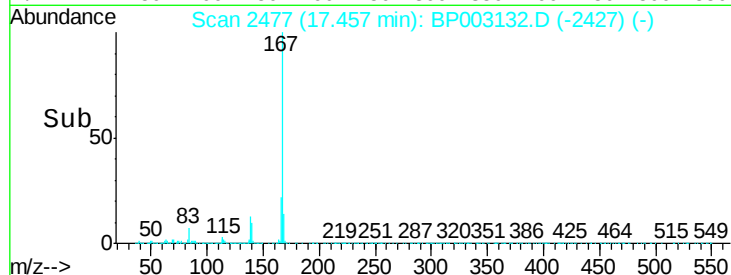
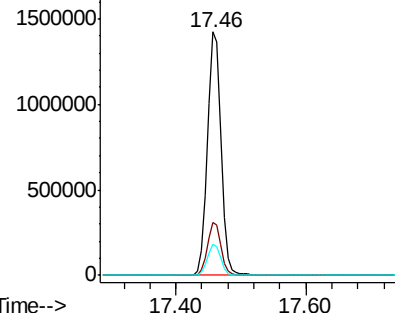
139 12.7 10.3 15.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.859 ng

RT: 18.03 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

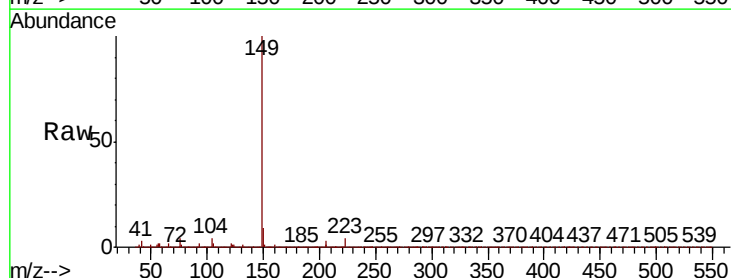
Tgt Ion:149 Resp: 2433772

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

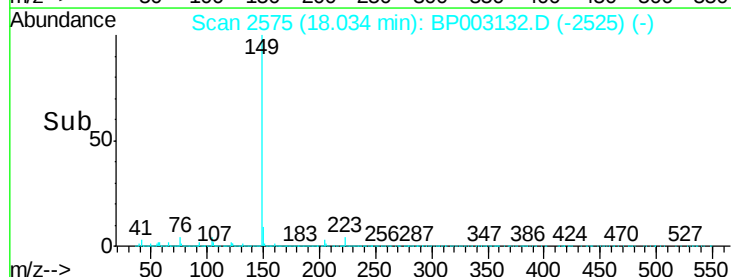
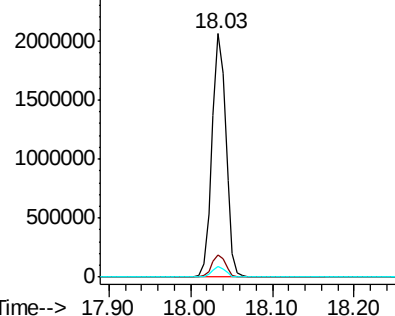
104 4.2 3.3 4.9

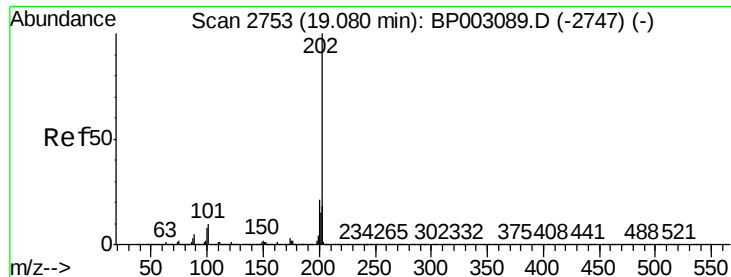


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

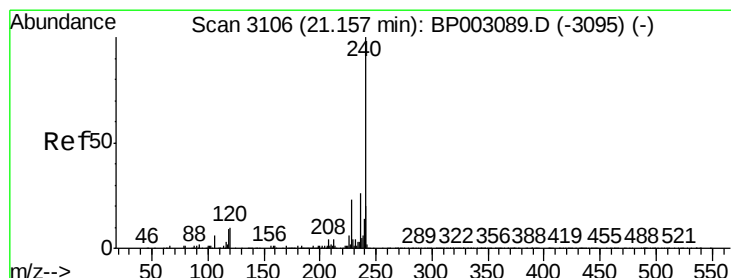
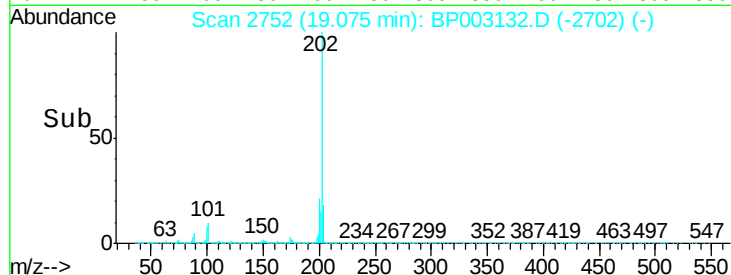
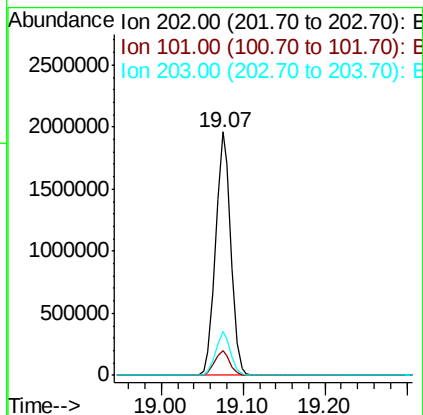
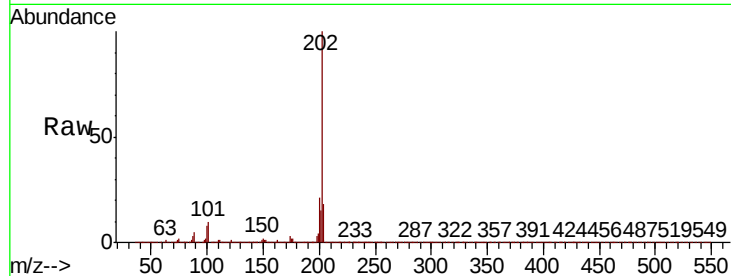




#75
Fluoranthene
Concen: 39.809 ng
RT: 19.07 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

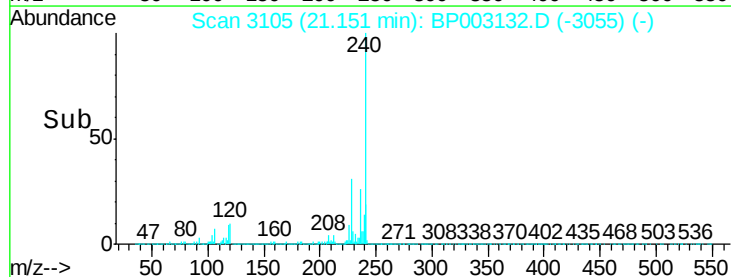
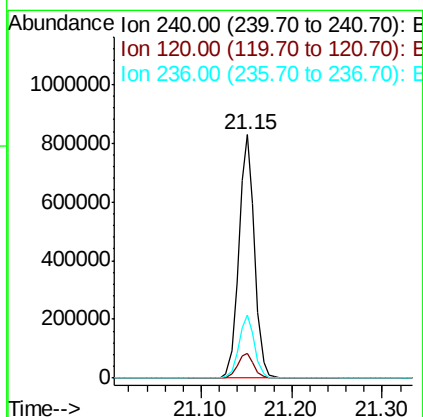
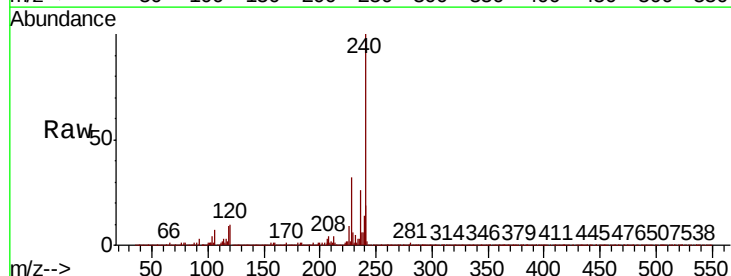
Instrument :
BNA_P
ClientSampleId :
PB131234BSD

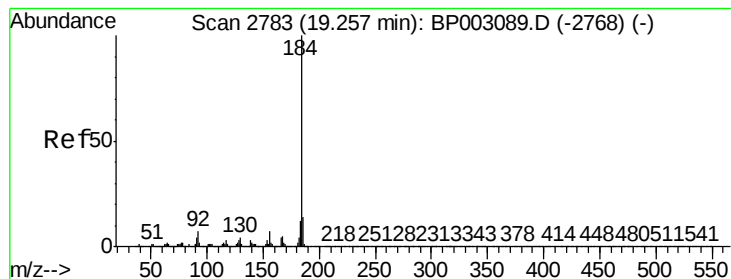
Tot Ion:202 Resp: 2538196
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.0
203 17.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

Tgt Ion:240 Resp: 999565
Ion Ratio Lower Upper
240 100
120 10.4 8.4 12.6
236 26.0 20.6 31.0





#77

Benzidine

Concen: 66.727 ng

RT: 19.25 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Instrument :

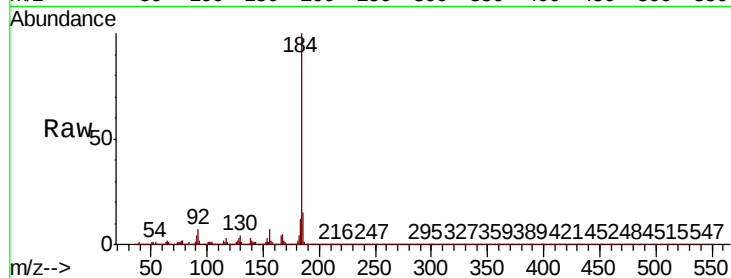
BNA_P

ClientSampleId :

PB131234BSD

Tot Ion:184 Resp: 1524372

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.5	17.3
183	11.7	9.4	14.2

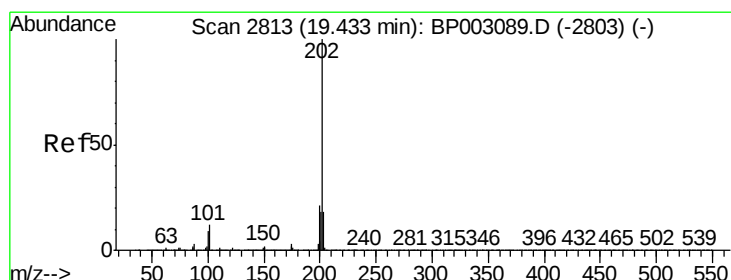
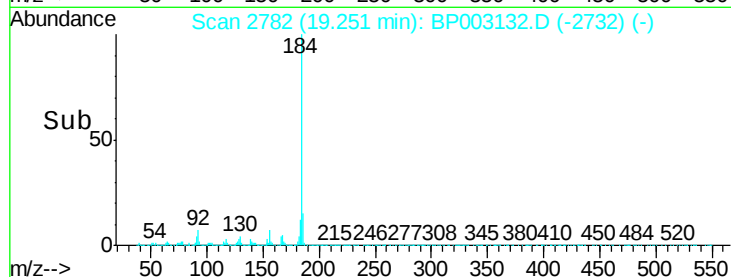
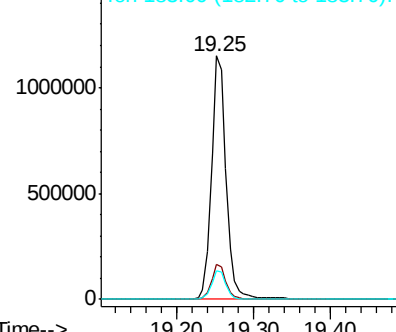


Abundance

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: 39.560 ng

RT: 19.43 min Scan# 2812

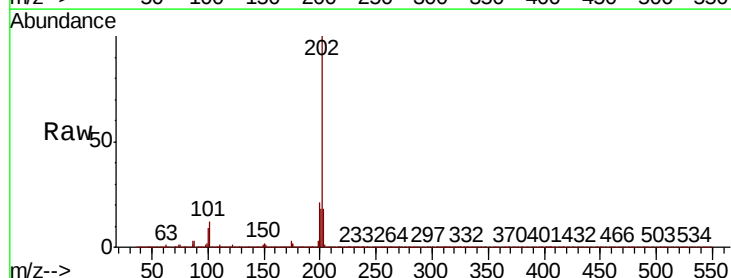
Delta R.T. -0.01 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Tgt Ion:202 Resp: 2566468

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.5	14.0	21.0

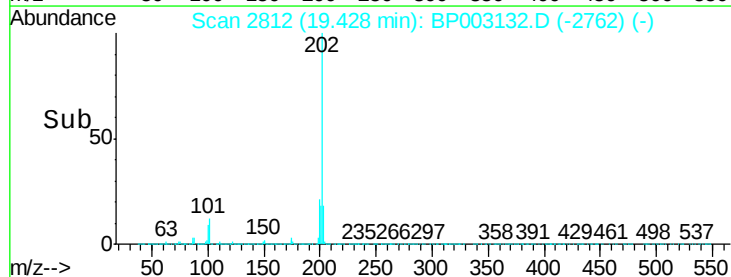
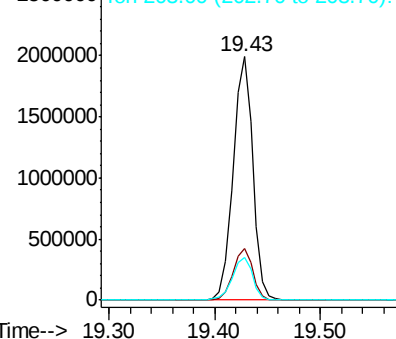


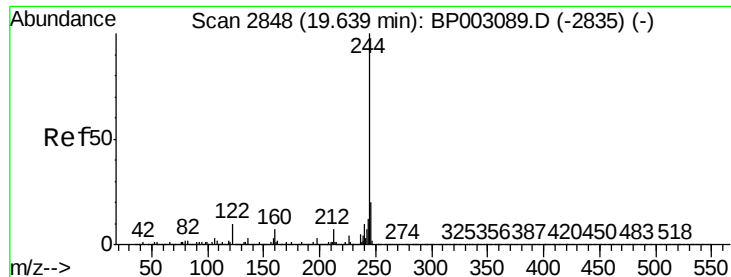
Abundance

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: 70.323 ng

RT: 19.63 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Instrument :

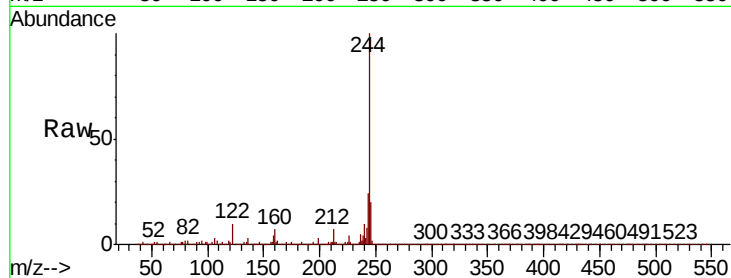
BNA_P

ClientSampleId :

PB131234BSD

Tot Ion:244 Resp: 3194477

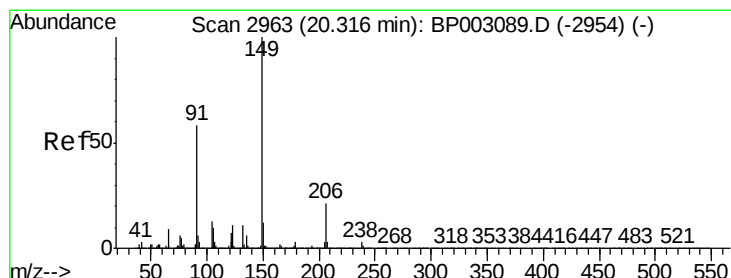
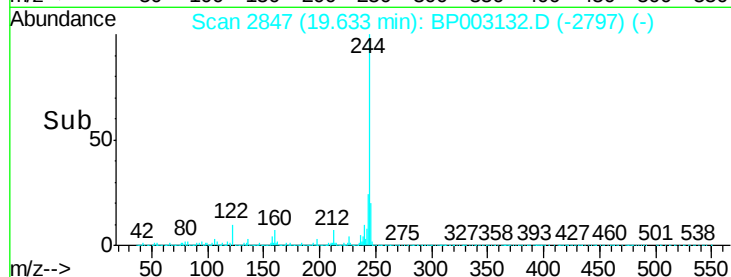
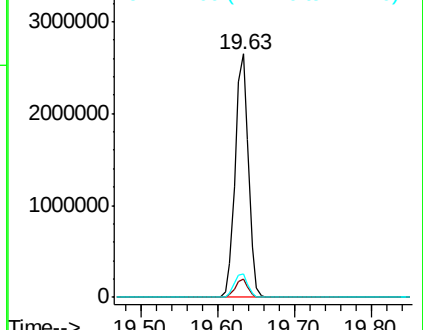
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	9.7	7.7	11.5



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: 41.395 ng

RT: 20.31 min Scan# 2962

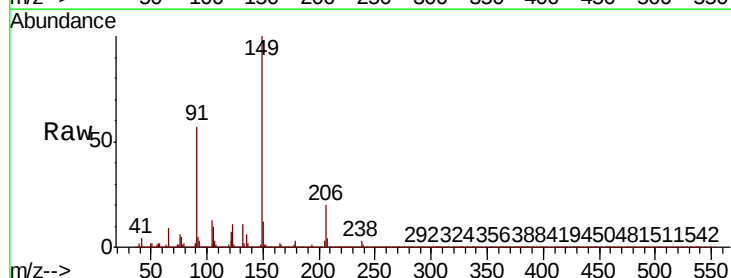
Delta R.T. -0.01 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Tgt Ion:149 Resp: 1105721

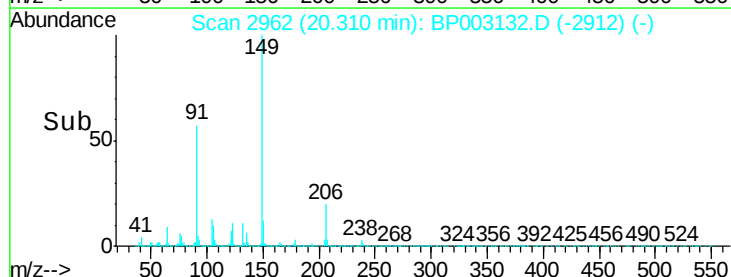
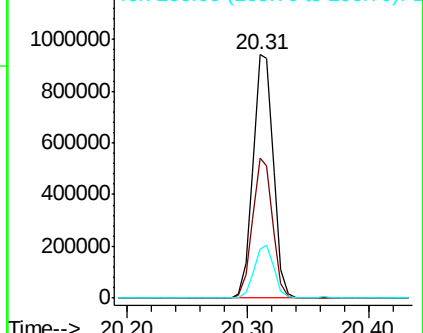
Ion	Ratio	Lower	Upper
149	100		
91	57.3	46.8	70.2
206	20.2	16.8	25.2



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

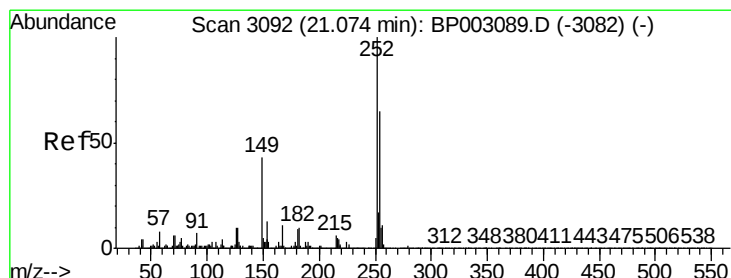
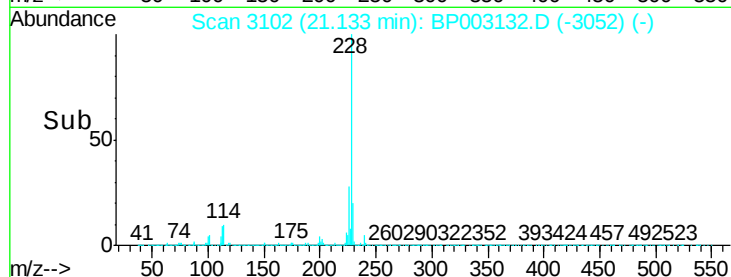
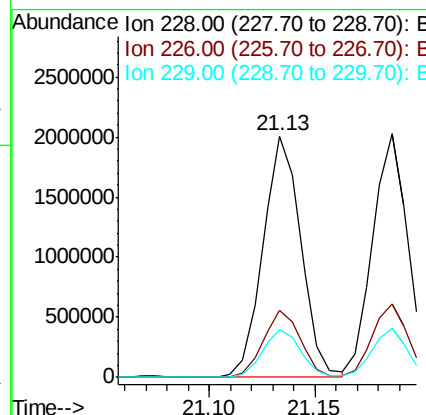
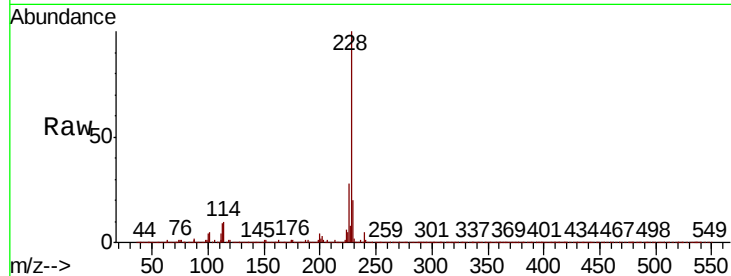




#81
Benzo(a)anthracene
Concen: 40.111 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

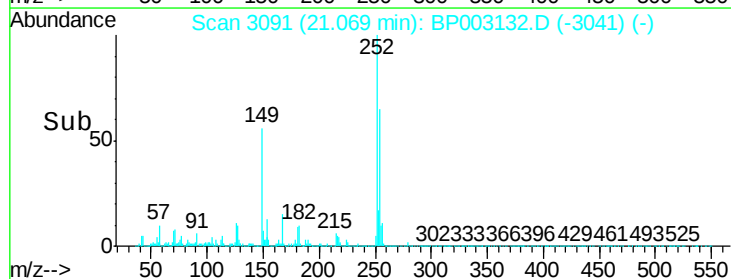
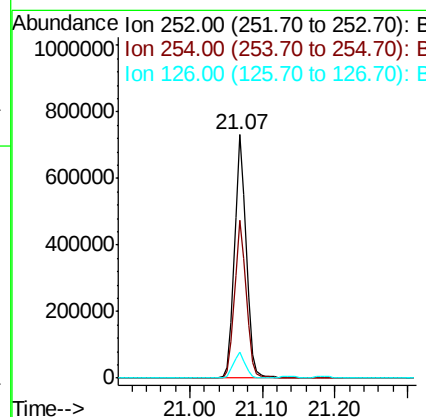
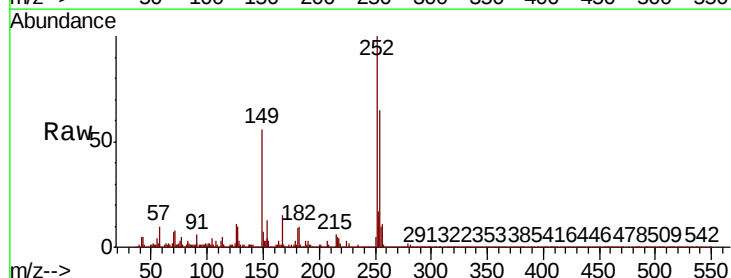
Instrument :
BNA_P
ClientSampleId :
PB131234BSD

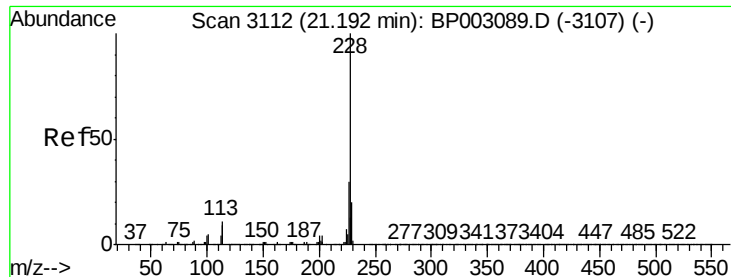
Tot Ion:228 Resp: 2511402
Ion Ratio Lower Upper
228 100
226 27.7 22.0 33.0
229 19.9 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 36.125 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

Tgt Ion:252 Resp: 831976
Ion Ratio Lower Upper
252 100
254 64.7 51.9 77.9
126 10.8 8.4 12.6



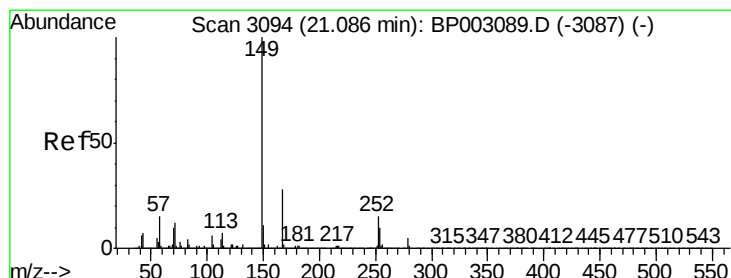
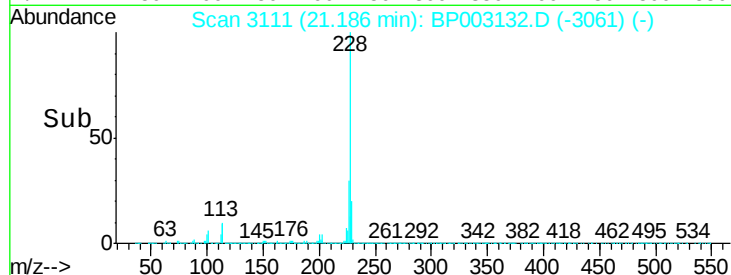
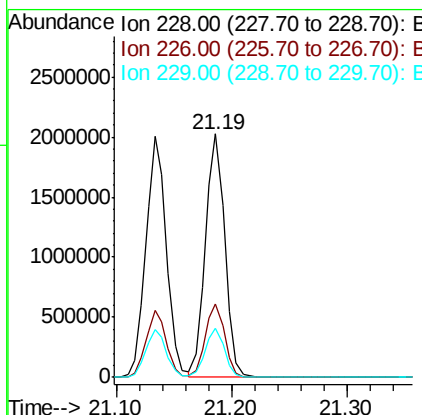
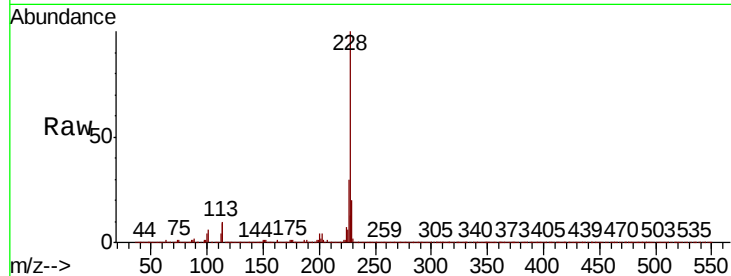


#83
 Chrysene
 Concen: 39.632 ng
 RT: 21.19 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BP003132.D
 Acq: 27 Aug 2020 15:14

Instrument :
 BNA_P
 ClientSampleId :
 PB131234BSD

Tot Ion:228 Resp: 2375864

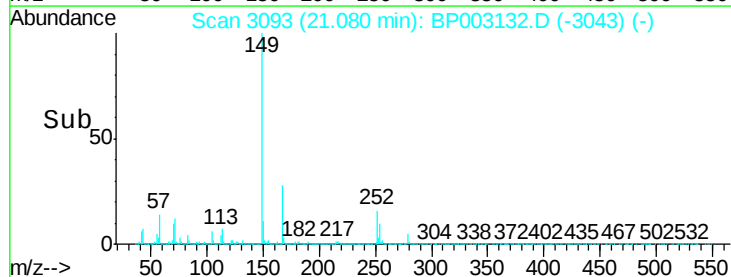
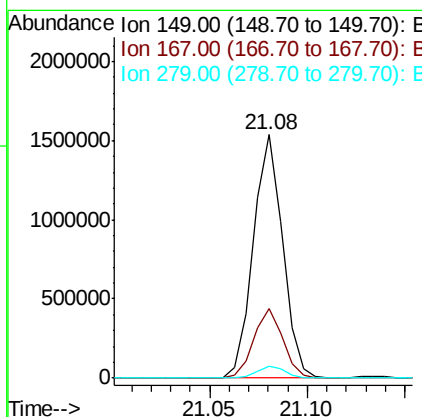
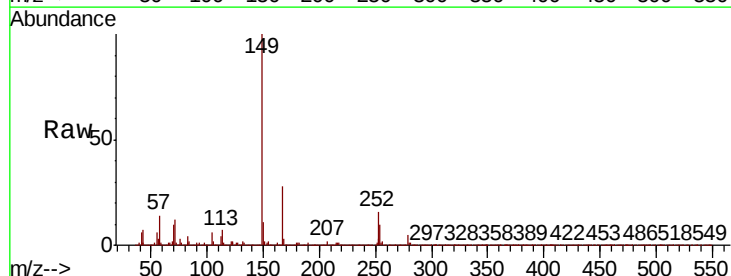
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	19.9	16.0	24.0

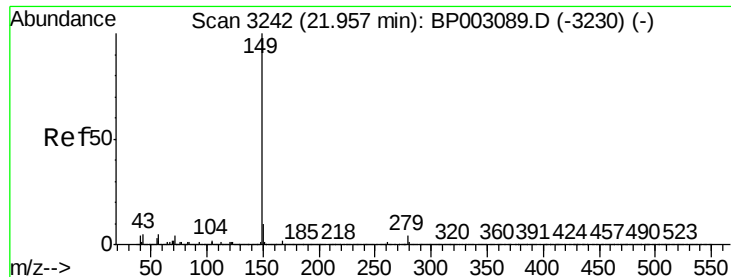


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.632 ng
 RT: 21.08 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BP003132.D
 Acq: 27 Aug 2020 15:14

Tgt Ion:149 Resp: 1605944

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.5	33.7
279	4.8	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 42.753 ng

RT: 21.95 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Instrument :

BNA_P

ClientSampleId :

PB131234BSD

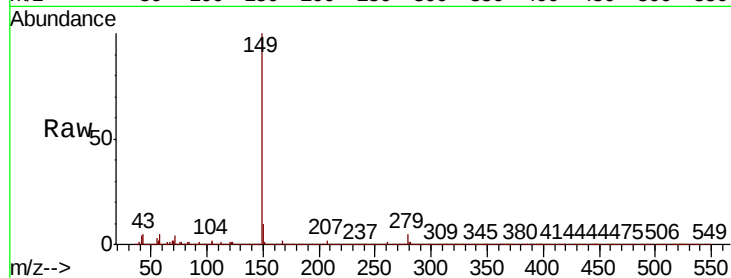
Tot Ion:149 Resp: 2827602

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

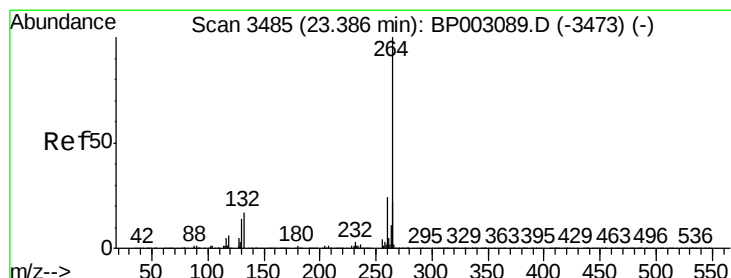
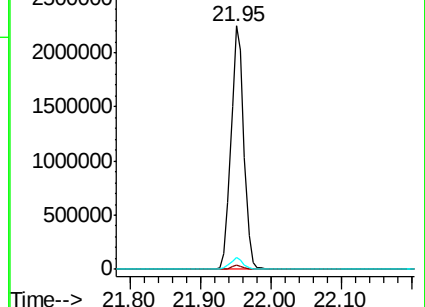
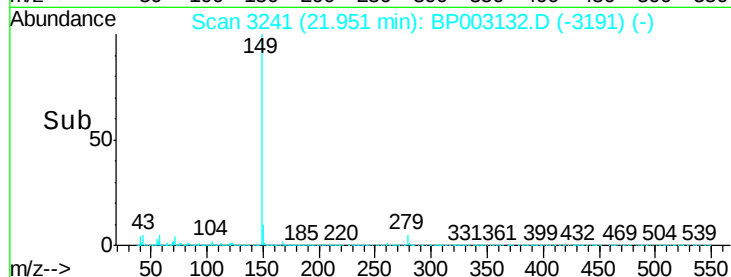
43 4.7 3.8 5.6



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: 23.38 min Scan# 3484

Delta R.T. -0.01 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

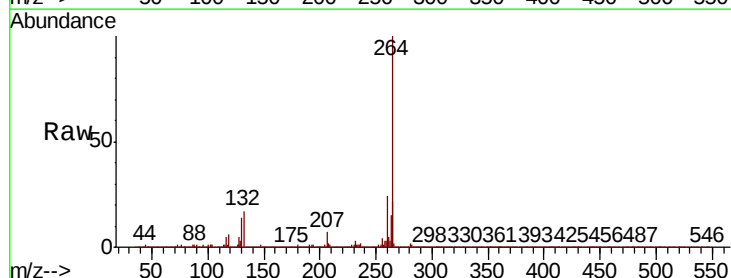
Tgt Ion:264 Resp: 1122325

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

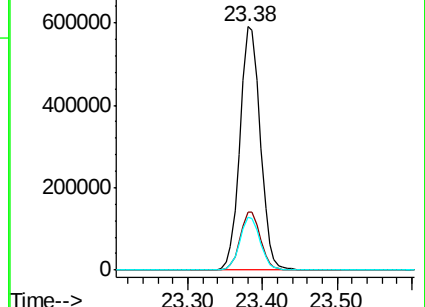
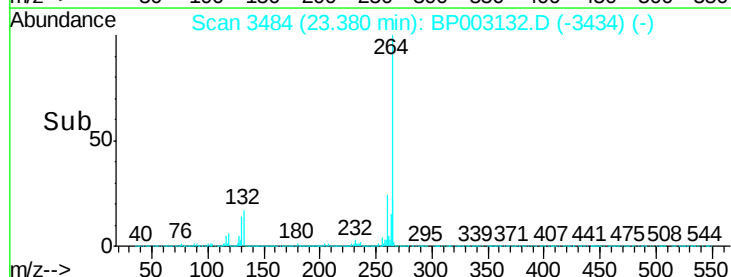
265 21.8 17.7 26.5



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



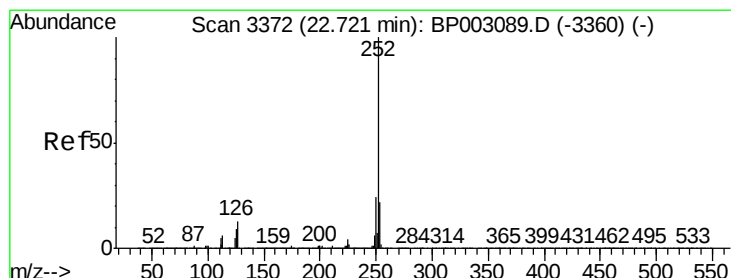
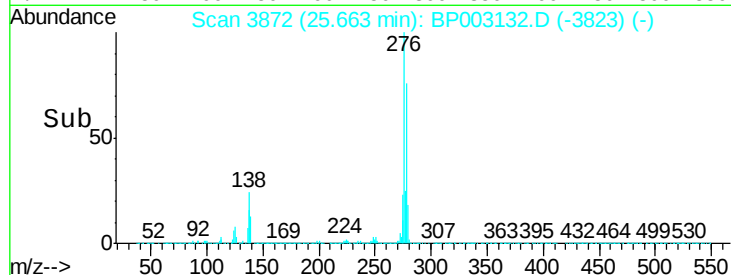
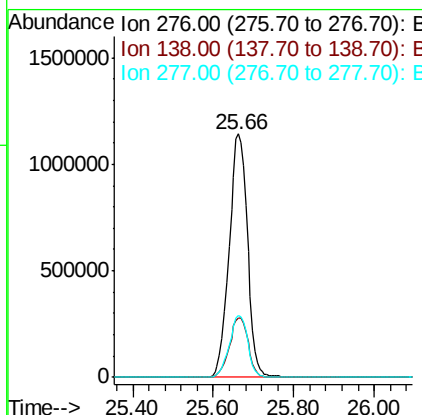
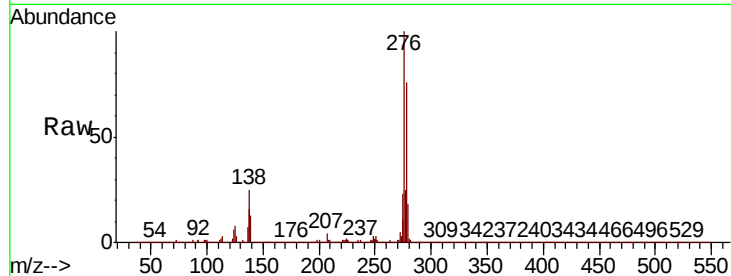


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.939 ng
 RT: 25.66 min Scan# 3872
 Delta R.T. -0.01 min
 Lab File: BP003132.D
 Acq: 27 Aug 2020 15:14

Instrument :
 BNA_P
 ClientSampleId :
 PB131234BSD

Tot Ion:276 Resp: 3593863

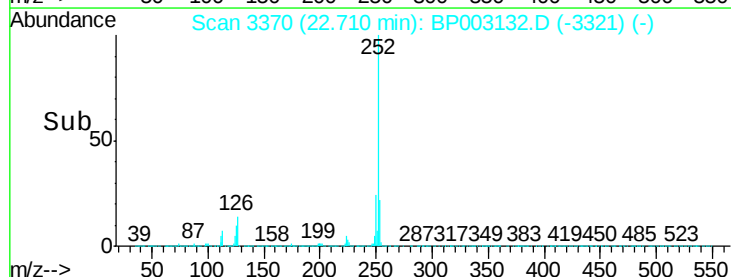
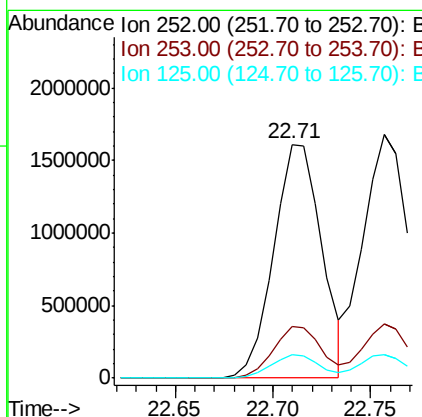
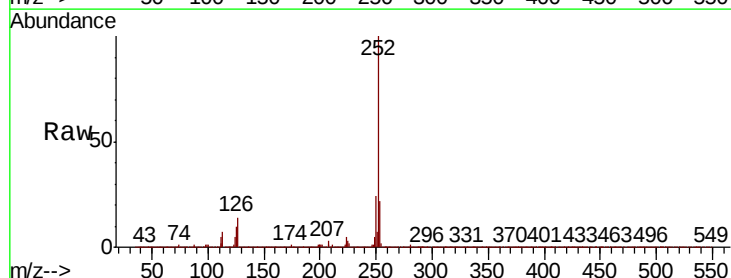
Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.2	30.4
277	25.5	20.4	30.6

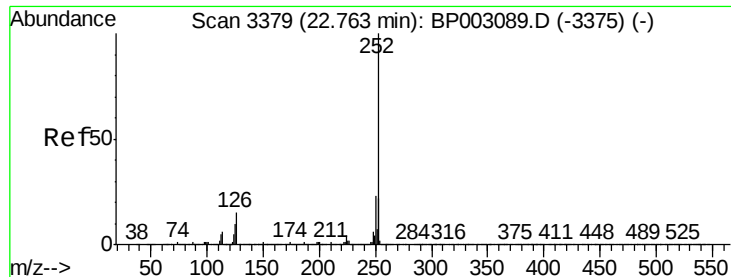


#88
 Benzo(b)fluoranthene
 Concen: 39.353 ng
 RT: 22.71 min Scan# 3370
 Delta R.T. -0.01 min
 Lab File: BP003132.D
 Acq: 27 Aug 2020 15:14

Tgt Ion:252 Resp: 2745094

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	10.3	7.6	11.4

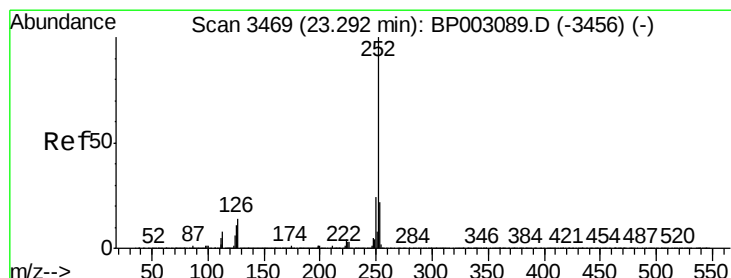
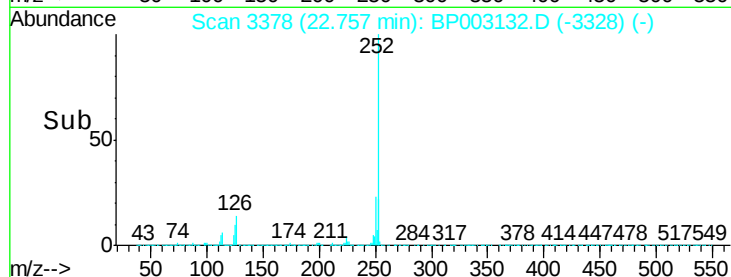
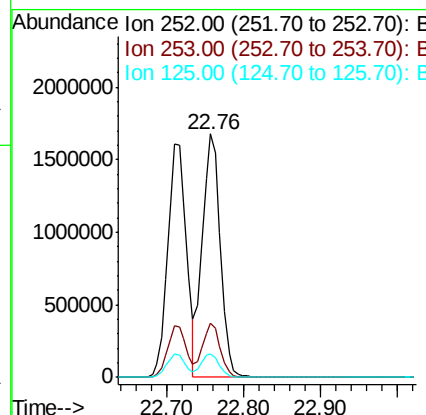
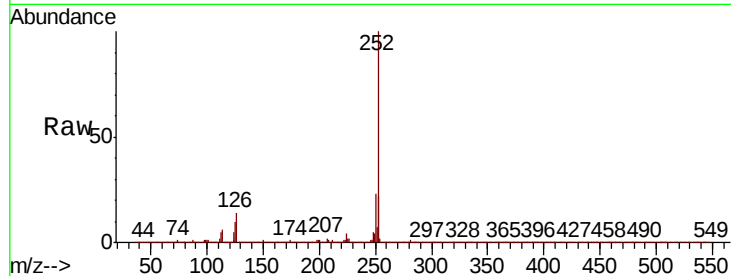




#89
Benzo(k)fluoranthene
Concen: 40.849 ng
RT: 22.76 min Scan# 3378
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

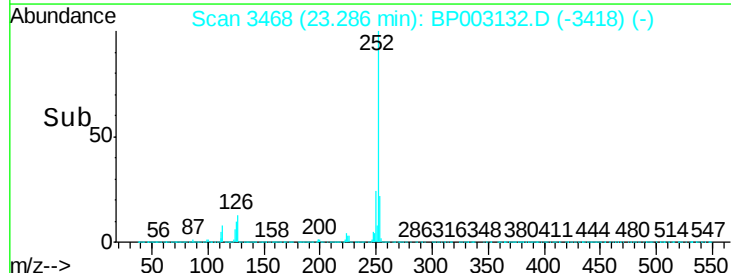
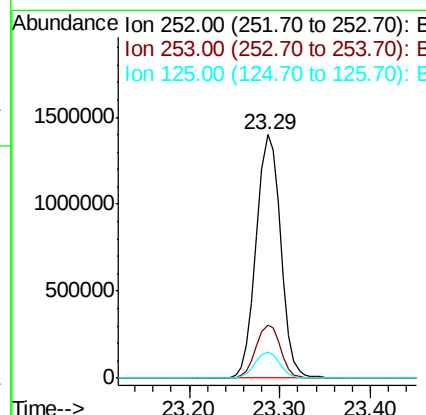
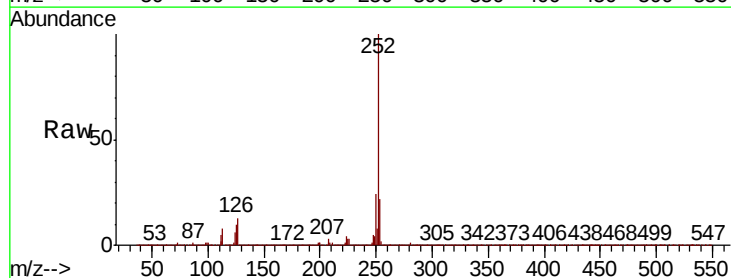
Instrument :
BNA_P
ClientSampleId :
PB131234BSD

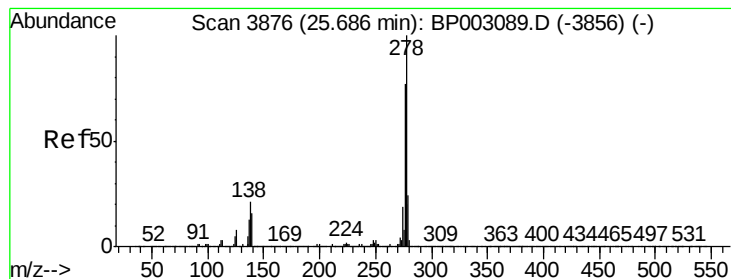
Tot Ion:252 Resp: 2722525
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 9.8 8.0 12.0



#90
Benzo(a)pyrene
Concen: 40.680 ng
RT: 23.29 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BP003132.D
Acq: 27 Aug 2020 15:14

Tgt Ion:252 Resp: 2632575
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 10.4 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 43.880 ng

RT: 25.67 min Scan# 3874

Delta R.T. -0.01 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

Instrument :

BNA_P

ClientSampleId :

PB131234BSD

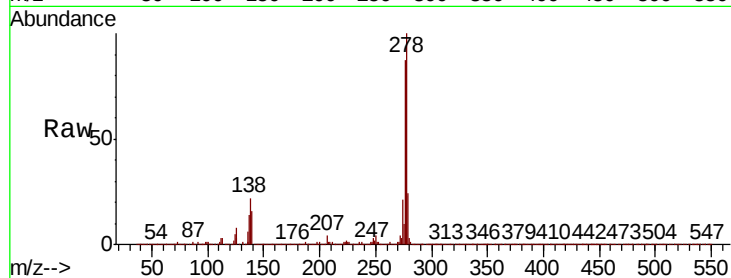
Tot Ion:278 Resp: 3016996

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.8	19.2
279	24.1	19.0	28.6

278 100

139 16.0 12.8 19.2

279 24.1 19.0 28.6

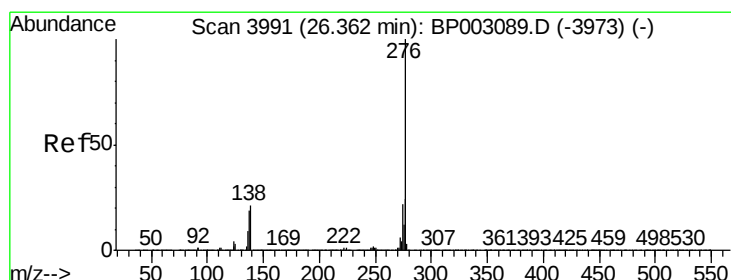
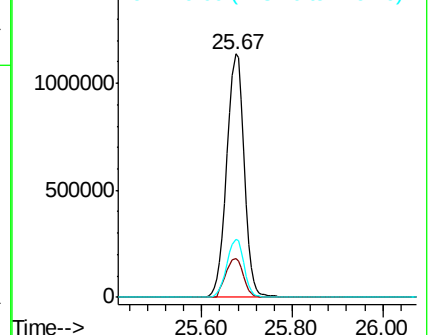
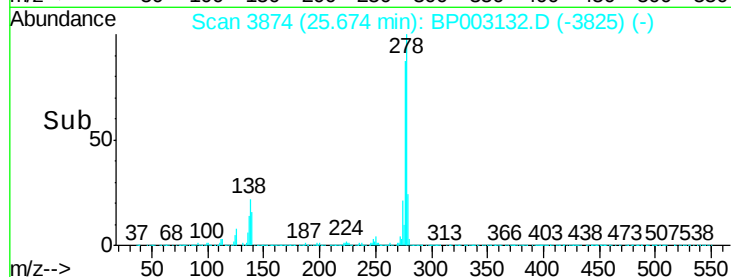


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.266 ng

RT: 26.36 min Scan# 3990

Delta R.T. -0.01 min

Lab File: BP003132.D

Acq: 27 Aug 2020 15:14

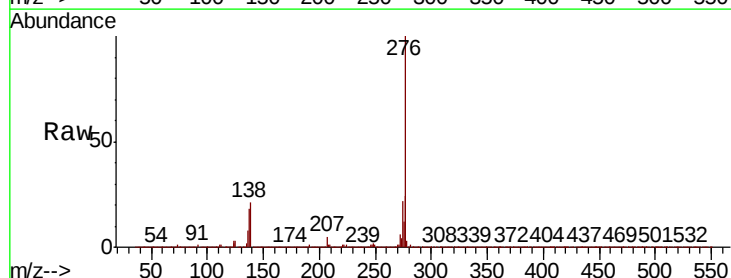
Tgt Ion:276 Resp: 3123306

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.2
138	20.9	17.0	25.6

276 100

277 23.8 19.4 29.2

138 20.9 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

