

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082820\
 Data File : BP003158.D
 Acq On : 28 Aug 2020 19:24
 Operator : CG/JU
 Sample : L3837-15MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 789UMR-TP11-0006-01MSD

Quant Time: Aug 29 00:41:28 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	256321	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	1026857	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	625987	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1354363	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1261485	20.00	ng	0.00
86) Perylene-d12	23.38	264	1231457	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1679284	115.83	ng	0.00
7) Phenol-d6	6.85	99	2015416	110.90	ng	0.00
23) Nitrobenzene-d5	8.81	82	1191344	83.64	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	1026375	121.23	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3329785	77.90	ng	0.00
79) Terphenyl-d14	19.63	244	4590891	80.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	190259	34.327	ng	99
3) Pyridine	3.59	79	419982	28.793	ng	98
4) n-Nitrosodimethylamine	3.50	42	171163	44.937	ng	88
6) Aniline	6.99	93	642640	32.478	ng	100
8) 2-Chlorophenol	7.23	128	778038	48.139	ng	99
9) Benzaldehyde	6.80	77	330589	39.017	ng	99
10) Phenol	6.87	94	801616	47.596	ng	96
11) bis(2-Chloroethyl)ether	7.09	93	595116	44.644	ng	99
12) 1,3-Dichlorobenzene	7.55	146	824431	41.951	ng	100
13) 1,4-Dichlorobenzene	7.70	146	843526	42.517	ng	99
14) 1,2-Dichlorobenzene	8.01	146	808521	42.986	ng	100
15) Benzyl Alcohol	7.90	79	511247	49.928	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	471000	41.694	ng	99
17) 2-Methylphenol	8.12	107	582158	48.521	ng	98
18) Hexachloroethane	8.73	117	274636	42.313	ng	97
19) n-Nitroso-di-n-propylamine	8.47	70	369102	44.952	ng	99
20) 3+4-Methylphenols	8.44	107	777122	48.072	ng	100
22) Acetophenone	8.47	105	956891	41.844	ng	# 99
24) Nitrobenzene	8.85	77	607751	43.441	ng	99
25) Isophorone	9.37	82	1151207	45.807	ng	99
26) 2-Nitrophenol	9.56	139	420256	50.399	ng	97
27) 2,4-Dimethylphenol	9.63	122	677130	54.017	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	754996	40.333	ng	98
29) 2,4-Dichlorophenol	10.10	162	741239	47.661	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	782429	42.254	ng	98
31) Naphthalene	10.49	128	2262025	42.876	ng	99
32) Benzoic acid	9.80	122	482492	49.426	ng	99
33) 4-Chloroaniline	10.60	127	324962	14.742	ng	99
34) Hexachlorobutadiene	10.79	225	460050	41.396	ng	99
35) Caprolactam	11.37	113	147509	31.563	ng	98
36) 4-Chloro-3-methylphenol	11.75	107	690619	47.560	ng	100
37) 2-Methylnaphthalene	12.11	142	1654420	43.837	ng	99
38) 1-Methylnaphthalene	12.33	142	1567162	43.689	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	821188	44.260	ng	99

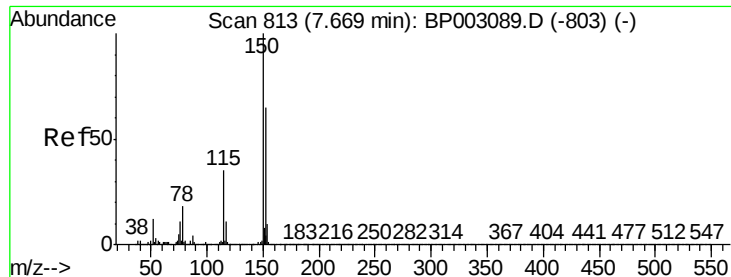
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	910099	103.767	ng	100
43) 2,4,6-Trichlorophenol	12.73	196	583100	47.796	ng	99
44) 2,4,5-Trichlorophenol	12.81	196	634843	49.196	ng	98
46) 1,1'-Biphenyl	13.13	154	2068830	44.061	ng	99
47) 2-Chloronaphthalene	13.17	162	1587238	41.297	ng	100
48) 2-Nitroaniline	13.37	65	324894	45.147	ng	94
49) Acenaphthylene	14.02	152	2620050	45.082	ng	99
50) Dimethylphthalate	13.77	163	2305794	48.302	ng	100
51) 2,6-Dinitrotoluene	13.88	165	454762	45.836	ng	99
52) Acenaphthene	14.37	154	1526446	42.752	ng	99
53) 3-Nitroaniline	14.20	138	306995	27.311	ng	96
54) 2,4-Dinitrophenol	14.42	184	511458	92.976	ng	98
55) Dibenzofuran	14.70	168	2391748	42.654	ng	99
56) 4-Nitrophenol	14.54	139	846528	104.679	ng	98
57) 2,4-Dinitrotoluene	14.67	165	623281	46.723	ng	100
58) Fluorene	15.36	166	1839327	42.582	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	571007	48.907	ng	99
60) Diethylphthalate	15.14	149	1967985	42.020	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	939139	42.102	ng	99
62) 4-Nitroaniline	15.37	138	427202	36.972	ng	97
63) Azobenzene	15.65	77	1342760	43.198	ng	96
65) 4,6-Dinitro-2-methylphenol	15.44	198	342895	52.940	ng	98
66) n-Nitrosodiphenylamine	15.57	169	1711214	43.210	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	638137	42.692	ng	99
68) Hexachlorobenzene	16.37	284	754787	42.413	ng	99
69) Atrazine	16.53	200	554324	41.501	ng	99
70) Pentachlorophenol	16.72	266	991825	116.549	ng	99
71) Phenanthrene	17.10	178	3280475	44.701	ng	99
72) Anthracene	17.19	178	3183061	45.319	ng	100
73) Carbazole	17.46	167	2968149	44.033	ng	100
74) Di-n-butylphthalate	18.03	149	3482049	43.943	ng	100
75) Fluoranthene	19.07	202	4275077	50.402	ng	98
77) Benzidine	19.26	184	1452095	50.365	ng	99
78) Pyrene	19.43	202	4245993	51.860	ng	98
80) Butylbenzylphthalate	20.31	149	1687471	50.058	ng	96
81) Benzo(a)anthracene	21.13	228	3749380	47.450	ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	1168960	40.218	ng	99
83) Chrysene	21.19	228	3455866	45.678	ng	99
84) Bis(2-ethylhexyl)phthalate	21.08	149	2331283	47.887	ng	99
85) Di-n-octyl phthalate	21.95	149	3969273	47.555	ng	99
87) Indeno(1,2,3-cd)pyrene	25.66	276	3999589	43.552	ng	97
88) Benzo(b)fluoranthene	22.72	252	3620299	47.300	ng	99
89) Benzo(k)fluoranthene	22.76	252	3304923	45.193	ng	99
90) Benzo(a)pyrene	23.29	252	3226972	45.446	ng	99
91) Dibenzo(a,h)anthracene	25.67	278	3151494	41.774	ng	98
92) Benzo(g,h,i)perylene	26.36	276	3487226	46.061	ng	98

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

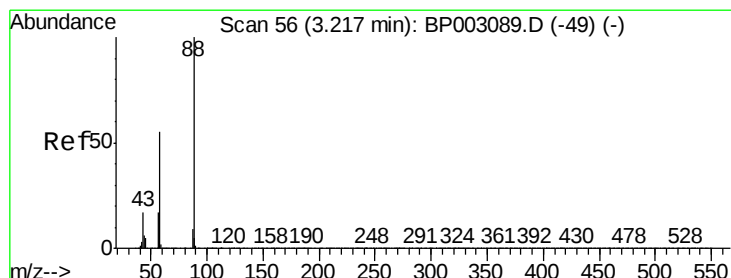
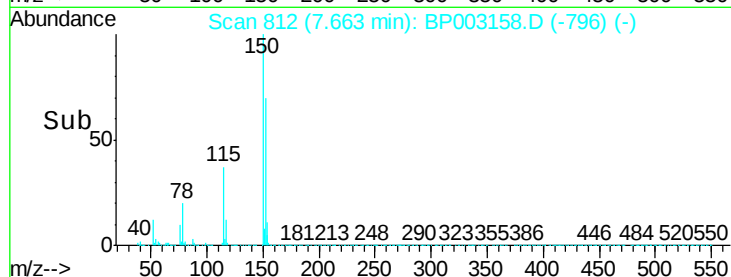
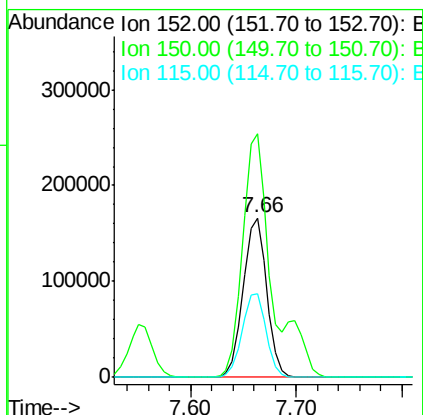
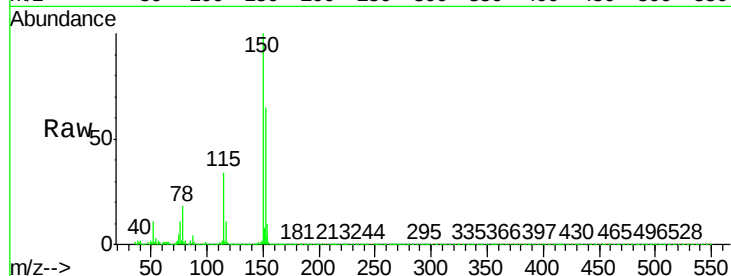


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01MSD

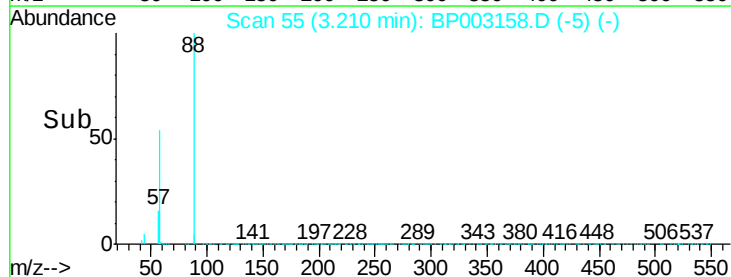
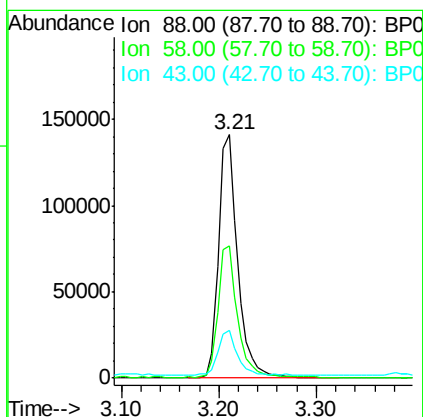
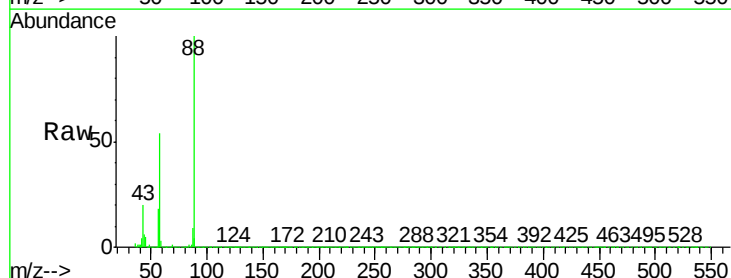
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	123.1	184.7
115	52.5	42.8	64.2

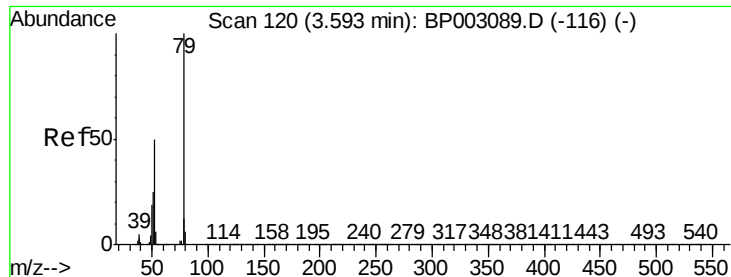


#2

1,4-Dioxane
Concen: 34.327 ng
RT: 3.21 min Scan# 55
Delta R.T. -0.01 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.0	44.3	66.5
43	19.7	14.3	21.5





#3

Pvridine

Concen: 28.793 ng

RT: 3.59 min Scan# 119

Delta R.T. -0.01 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

Instrument :

BNA_P

ClientSampleId :

789UMR-TP11-0006-01MSD

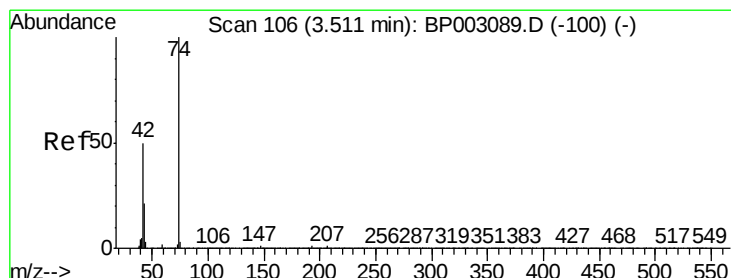
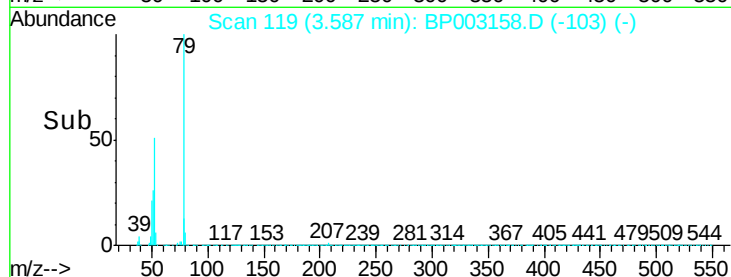
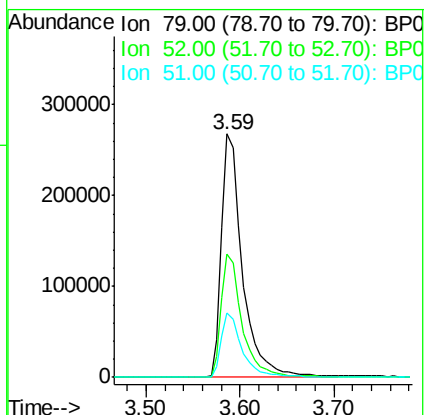
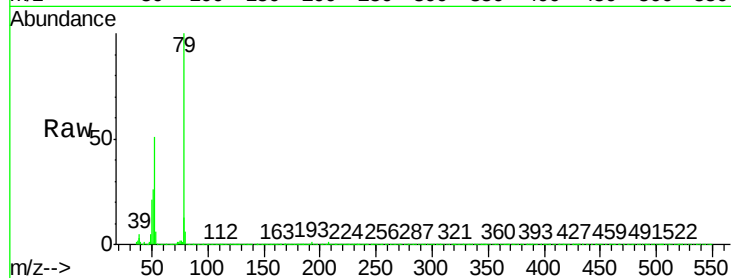
Tot Ion: 79 Resp: 419982

Ion Ratio Lower Upper

79 100

52 50.8 39.8 59.8

51 26.2 20.2 30.2



#4

n-Nitrosodimethylamine

Concen: 44.937 ng

RT: 3.50 min Scan# 105

Delta R.T. -0.01 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

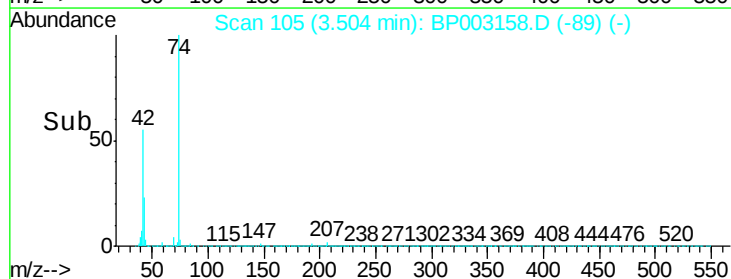
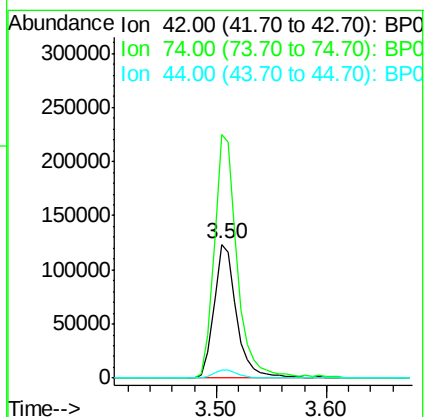
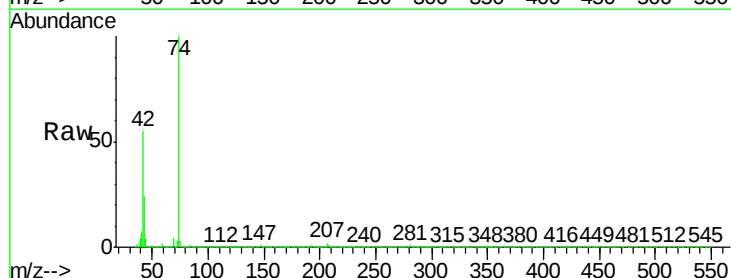
Tgt Ion: 42 Resp: 171163

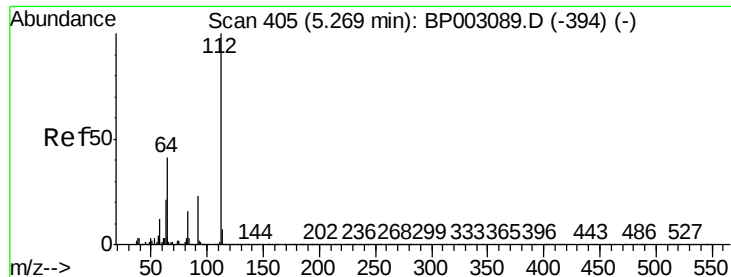
Ion Ratio Lower Upper

42 100

74 182.1 161.0 241.6

44 6.5 5.6 8.4





#5

2-Fluorophenol

Concen: 115.832 ng

RT: 5.27 min Scan# 406

Delta R.T. 0.01 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

Instrument :

BNA_P

ClientSampleId :

789UMR-TP11-0006-01MSD

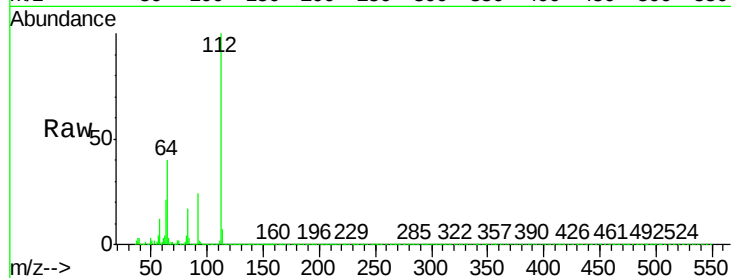
Tot Ion:112 Resp: 1679284

Ion Ratio Lower Upper

112 100

64 39.7 33.0 49.6

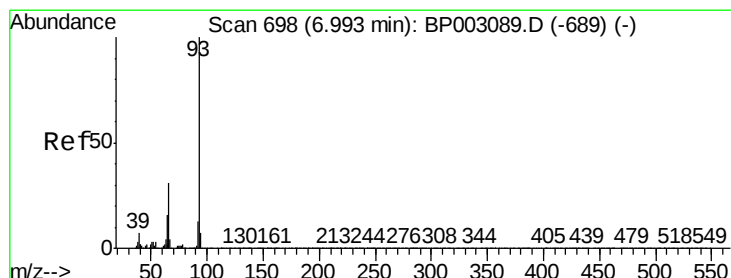
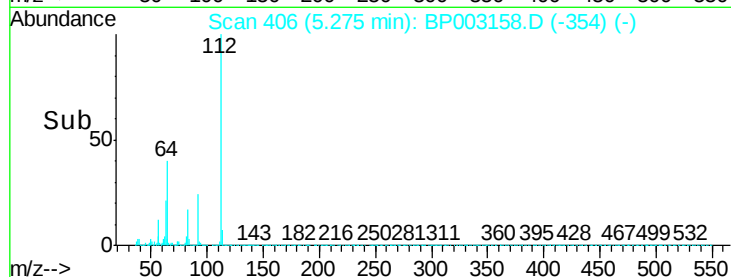
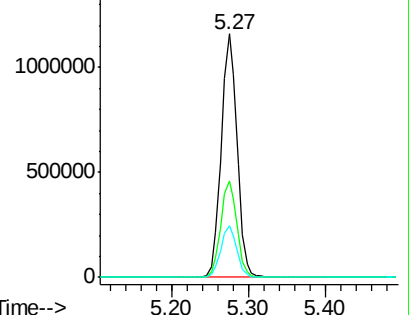
63 21.3 16.9 25.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 32.478 ng

RT: 6.99 min Scan# 698

Delta R.T. -0.00 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

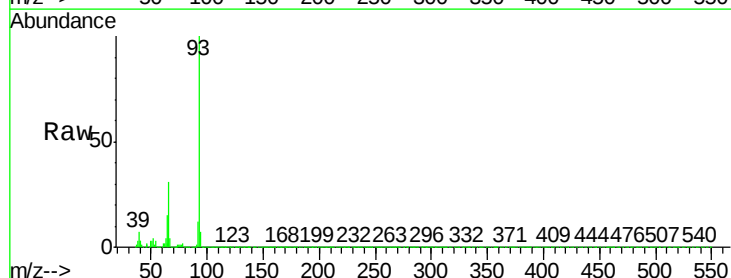
Tgt Ion: 93 Resp: 642640

Ion Ratio Lower Upper

93 100

66 31.3 25.0 37.4

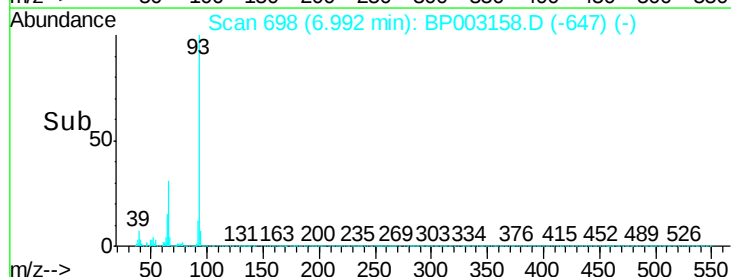
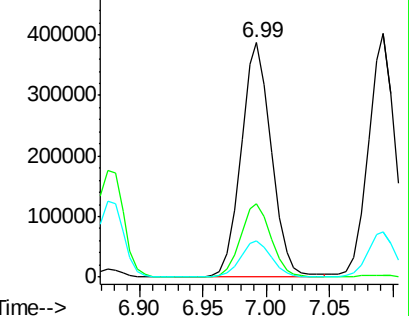
65 15.4 12.6 18.8

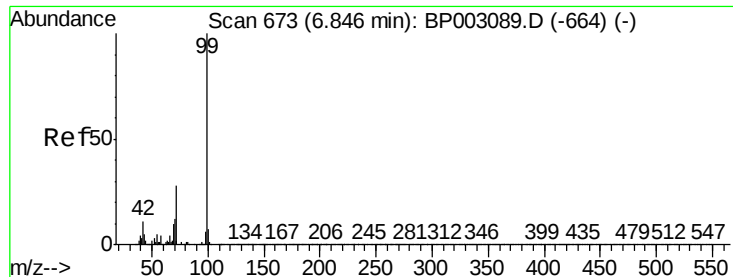


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 110.897 ng

RT: 6.85 min Scan# 674

Delta R.T. 0.01 min

Lab File: BP003158.D

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BNA_P

ClientSampleId :

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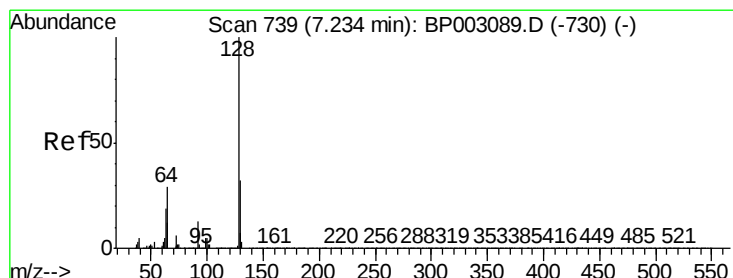
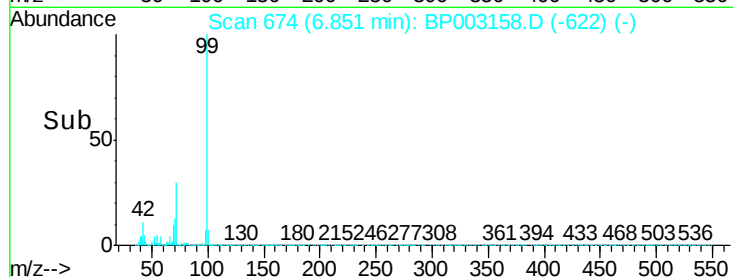
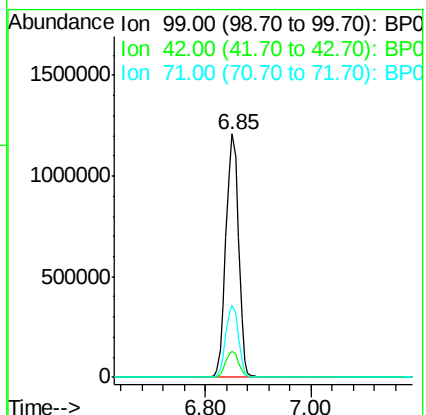
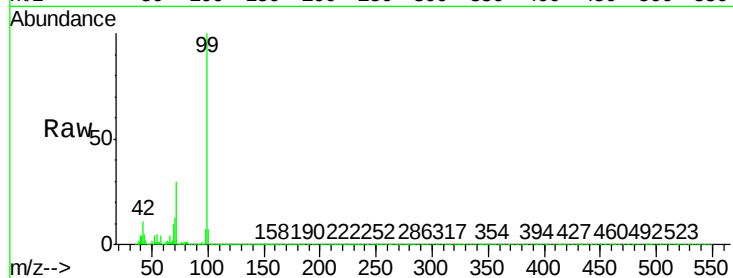
Tot Ion: 99 Resp: 2015416

Ion	Ratio	Lower	Upper
99	100		
42	10.9	8.5	12.7
71	29.6	22.8	34.2

99 100

42 10.9 8.5 12.7

71 29.6 22.8 34.2



#8

2-Chlorophenol

Concen: 48.139 ng

RT: 7.23 min Scan# 739

Delta R.T. -0.00 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

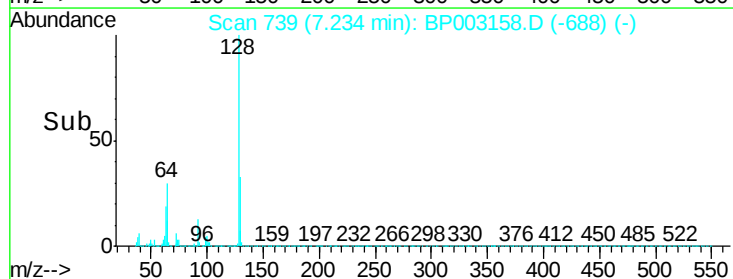
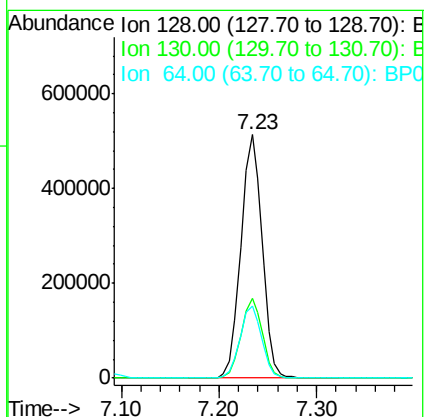
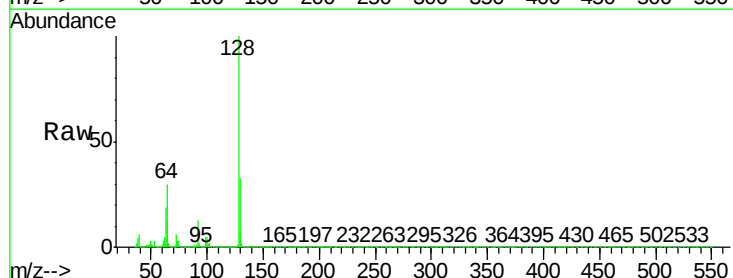
Tgt Ion: 128 Resp: 778038

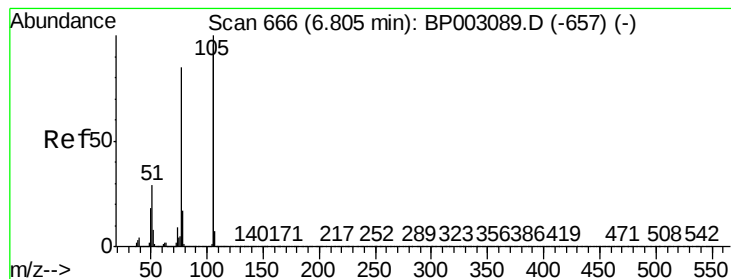
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.2	52.2
64	29.7	9.7	49.7

128 100

130 32.9 12.2 52.2

64 29.7 9.7 49.7





#9

Benzaldehyde

Concen: 39.017 ng

RT: 6.80 min Scan# 666

Delta R.T. -0.00 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

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ClientSampleId :

789UMR-TP11-0006-01MSD

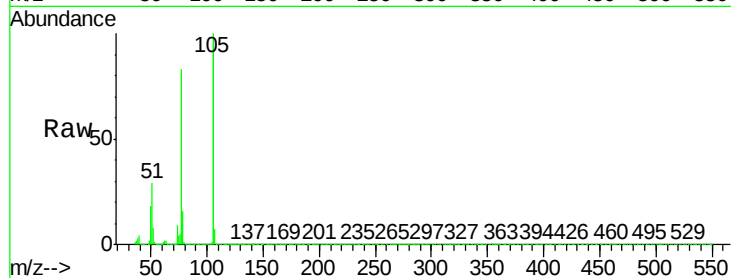
Tot Ion: 77 Resp: 330589

Ion Ratio Lower Upper

77 100

105 120.4 98.3 138.3

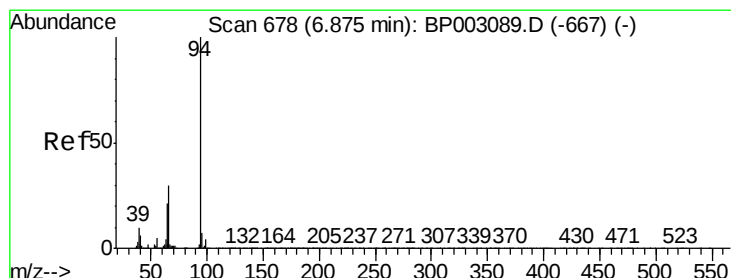
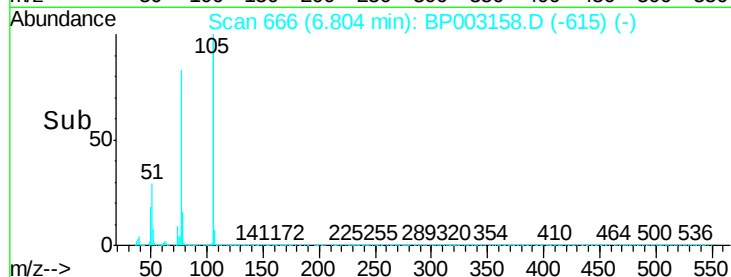
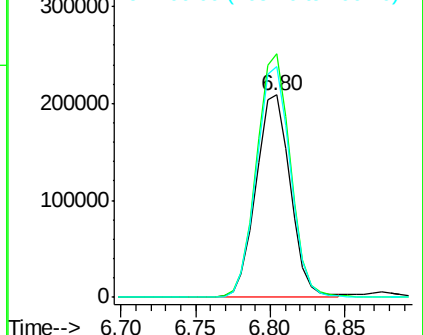
106 114.4 93.9 133.9



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 47.596 ng

RT: 6.87 min Scan# 678

Delta R.T. -0.00 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

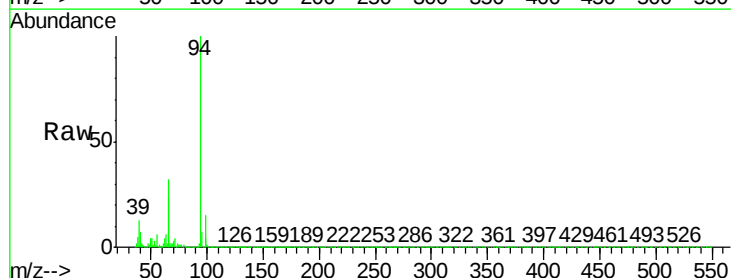
Tgt Ion: 94 Resp: 801616

Ion Ratio Lower Upper

94 100

65 22.8 1.0 41.0

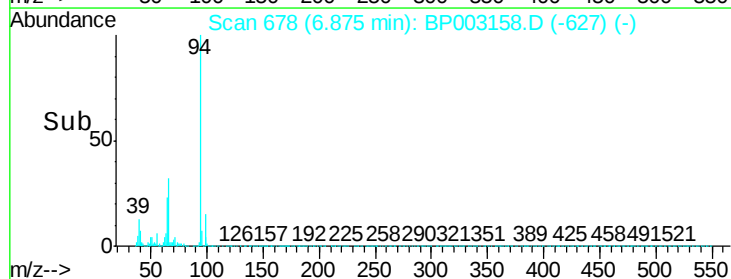
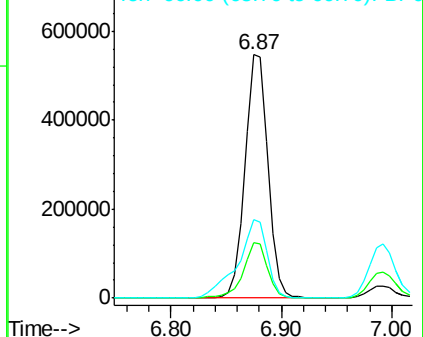
66 32.3 9.7 49.7

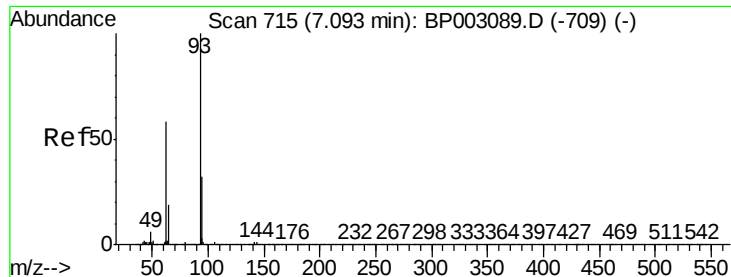


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

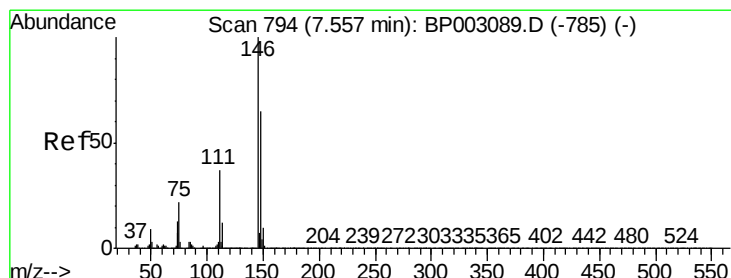
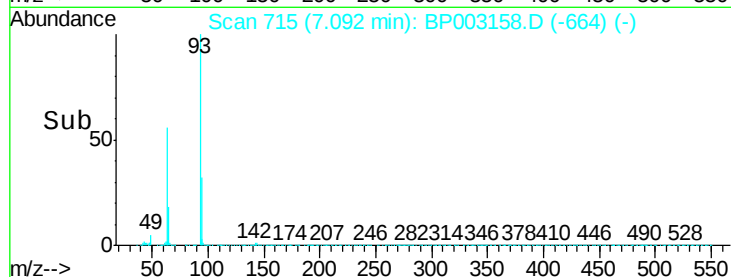
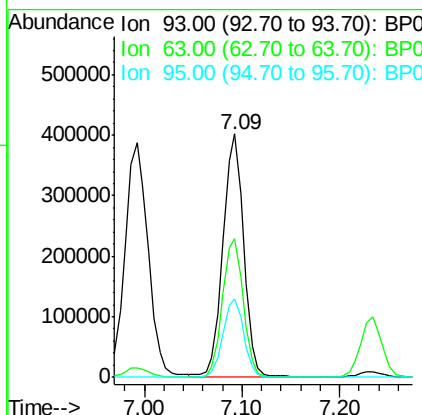
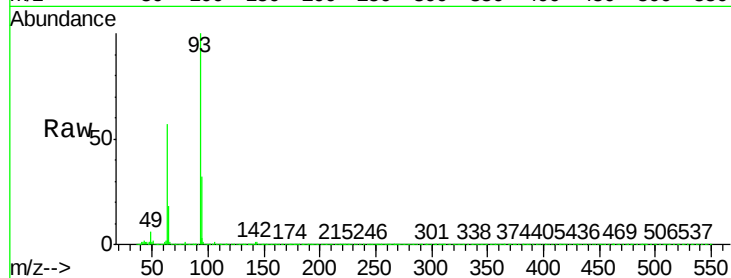




#11
bis(2-Chloroethyl)ether
Concen: 44.644 ng
RT: 7.09 min Scan# 715
Delta R.T. -0.00 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

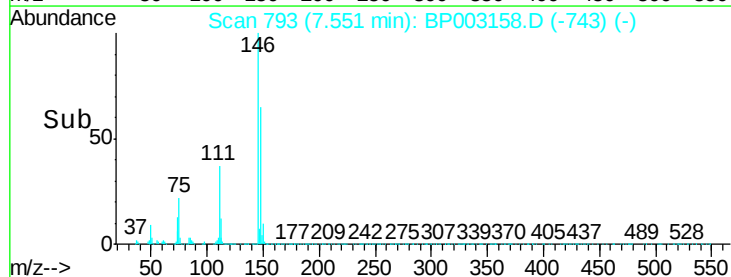
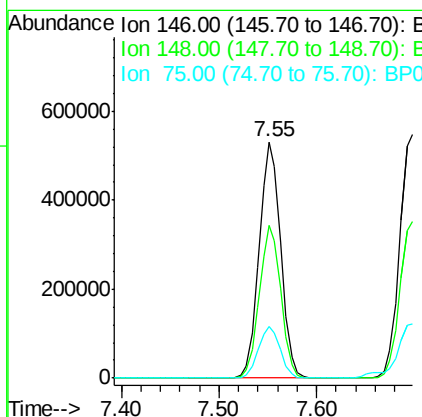
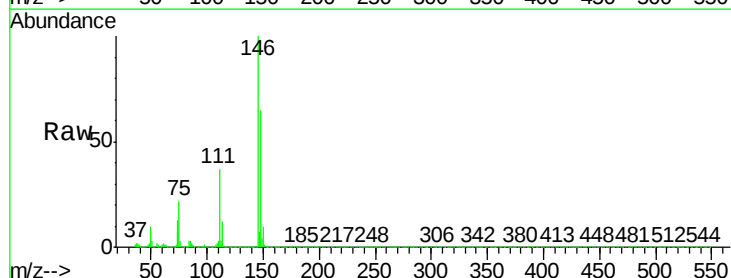
Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01MSD

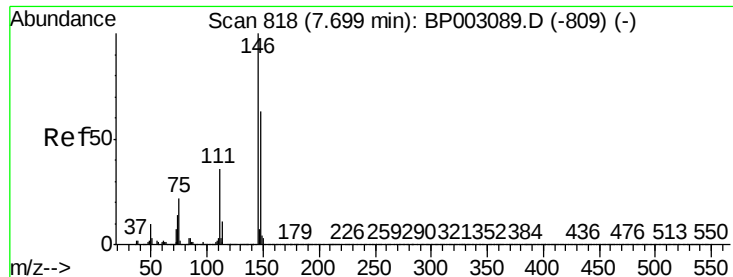
Tot Ion	Ratio	Lower	Upper
93	100		
63	57.1	37.8	77.8
95	32.5	12.0	52.0



#12
1,3-Dichlorobenzene
Concen: 41.951 ng
RT: 7.55 min Scan# 793
Delta R.T. -0.01 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.6
75	22.0	17.4	26.2

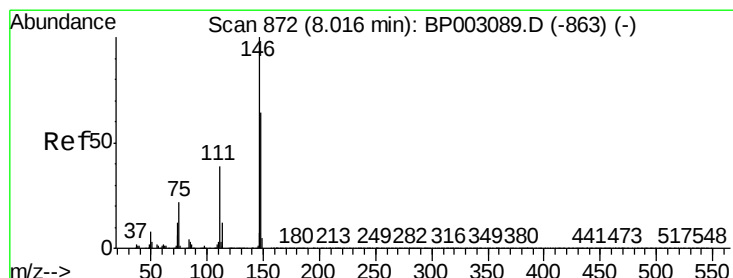
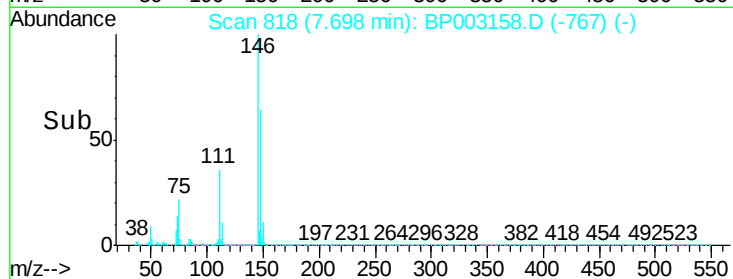
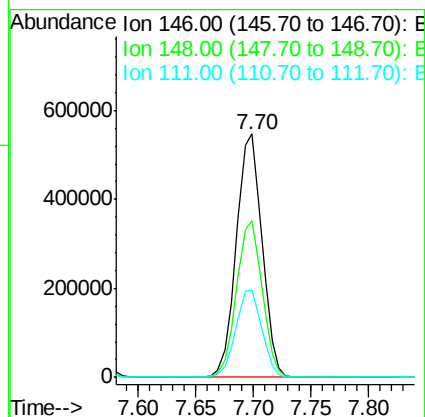
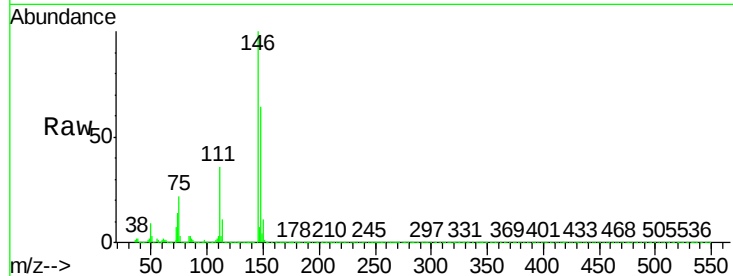




#13
1,4-Dichlorobenzene
Concen: 42.517 ng
RT: 7.70 min Scan# 818
Delta R.T. -0.00 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

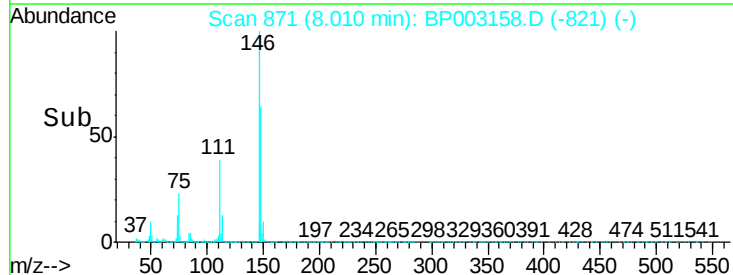
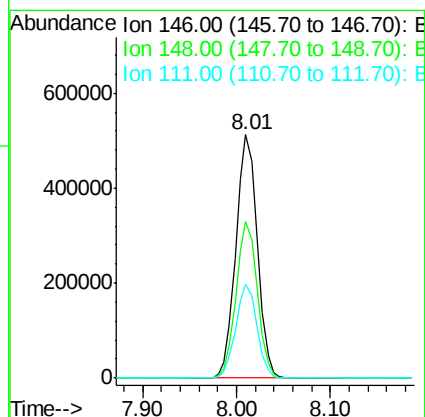
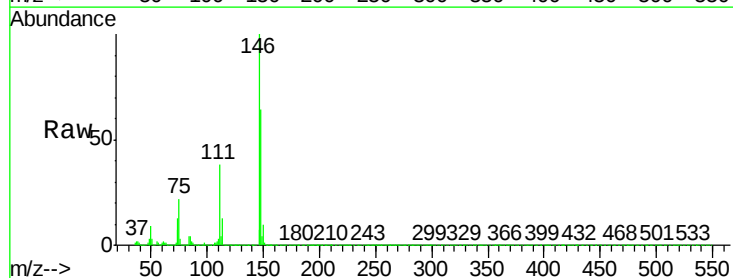
Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01MSD

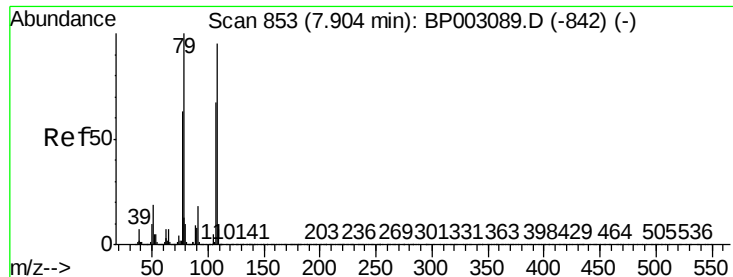
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	75.8
111	35.7	28.5	42.7



#14
1,2-Dichlorobenzene
Concen: 42.986 ng
RT: 8.01 min Scan# 871
Delta R.T. -0.01 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	38.3	31.0	46.4





#15

Benzyl Alcohol

Concen: 49.928 ng

RT: 7.90 min Scan# 853

Delta R.T. -0.00 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

Instrument :

BNA_P

ClientSampleId :

789UMR-TP11-0006-01MSD

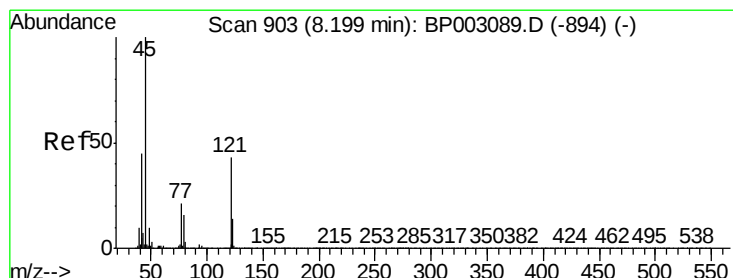
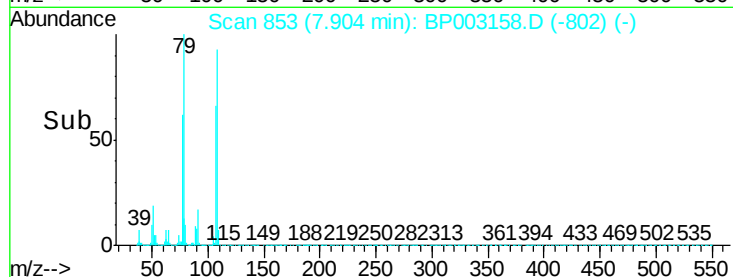
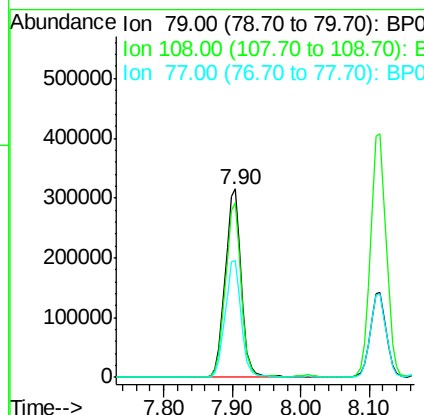
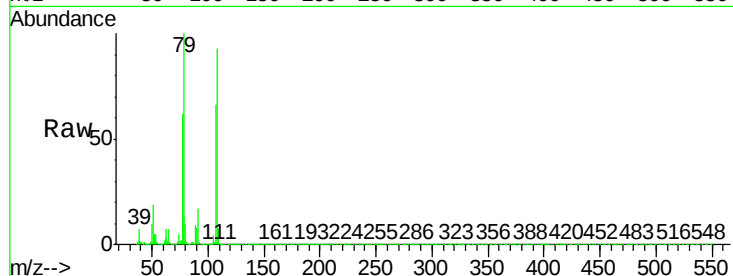
Tot Ion: 79 Resp: 511247

Ion Ratio Lower Upper

79 100

108 92.6 75.7 113.5

77 62.2 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.694 ng

RT: 8.20 min Scan# 903

Delta R.T. -0.00 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

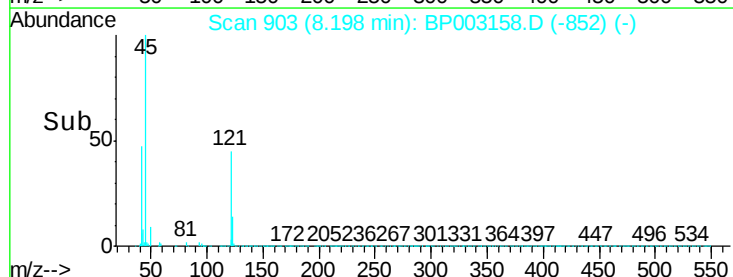
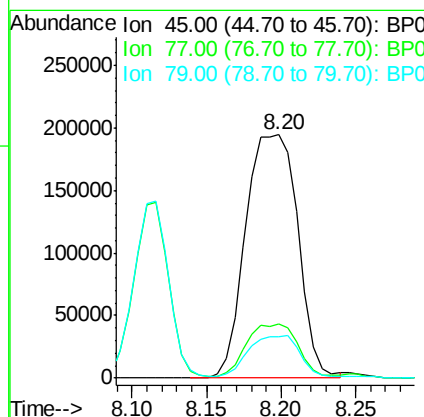
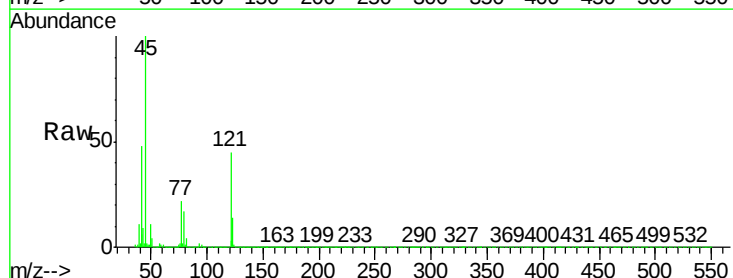
Tgt Ion: 45 Resp: 471000

Ion Ratio Lower Upper

45 100

77 22.3 1.6 41.6

79 17.2 0.0 36.7

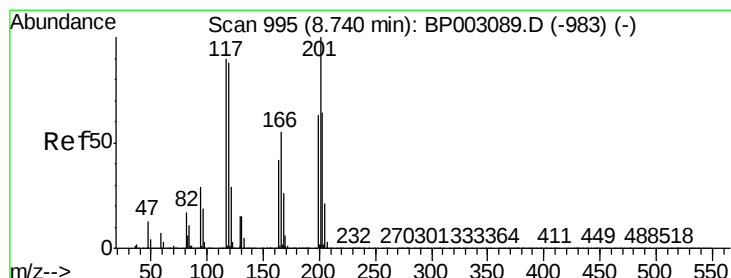
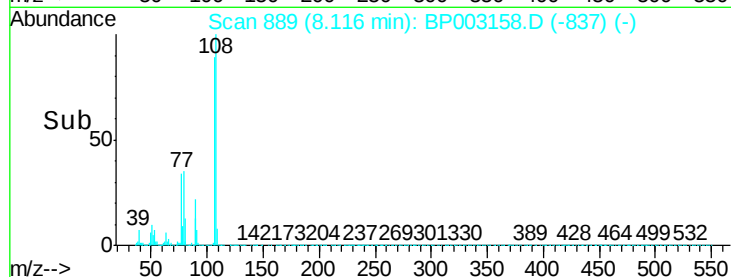
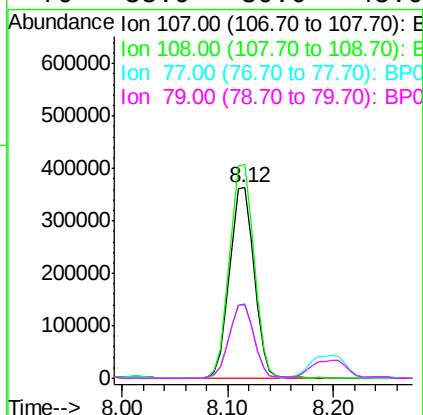
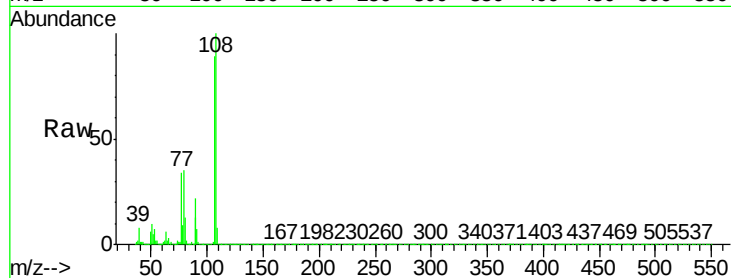




#17
2-Methylphenol
Concen: 48.521 ng
RT: 8.12 min Scan# 889
Delta R.T. 0.01 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

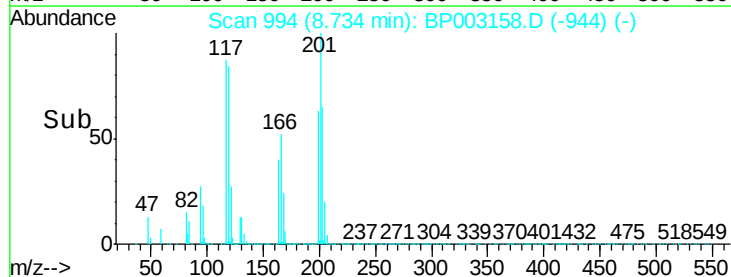
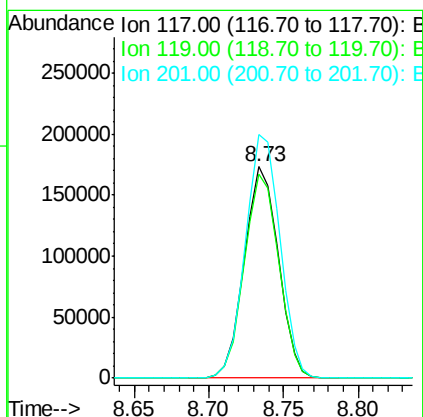
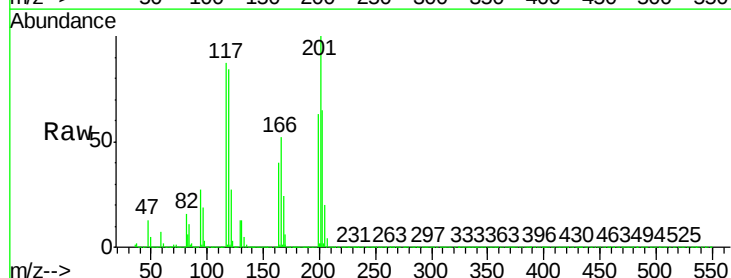
Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01MSD

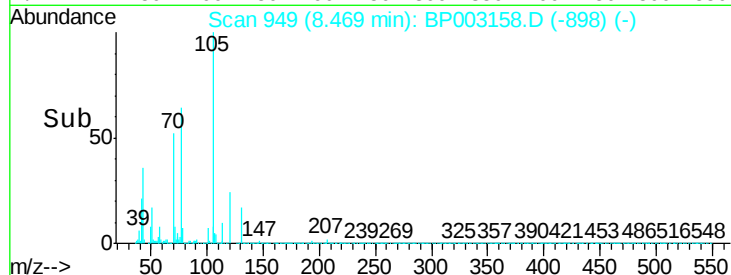
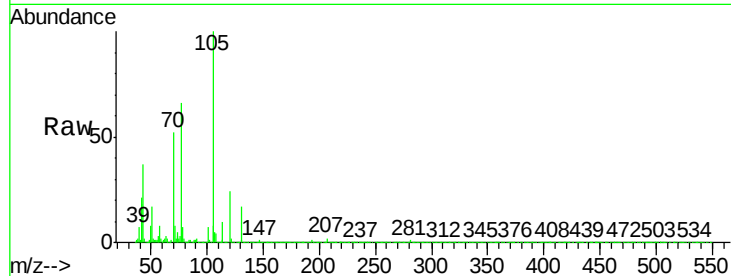
Tot Ion:	107	Resp:	582158
Ion	Ratio	Lower	Upper
107	100		
108	112.1	90.8	136.2
77	38.6	29.4	44.2
79	38.9	30.0	45.0



#18
Hexachloroethane
Concen: 42.313 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

Tgt Ion:	117	Resp:	274636
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.7	116.5
201	115.3	88.4	132.6

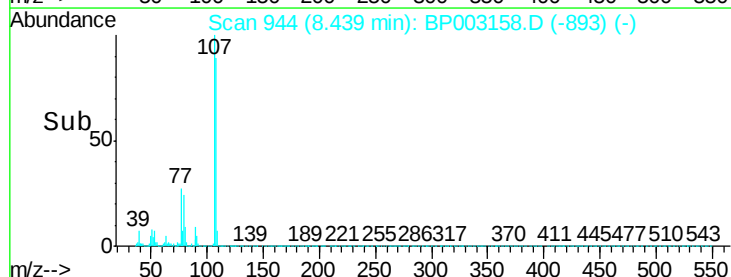
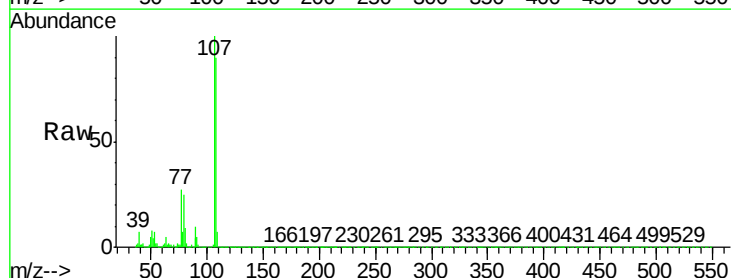
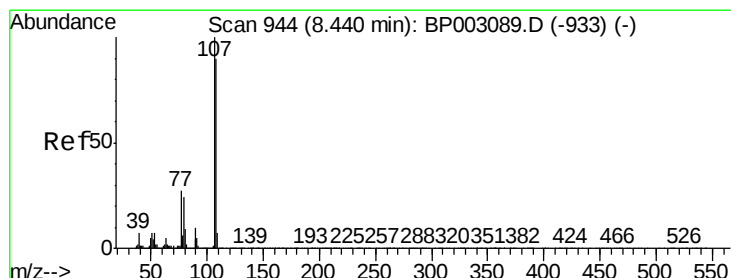
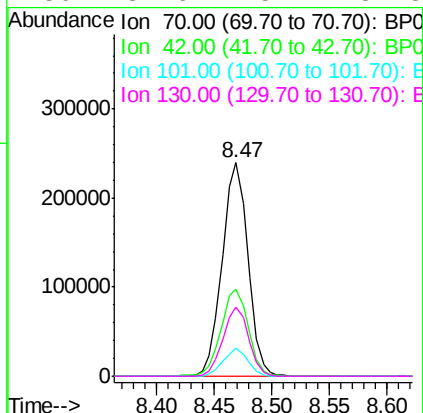




#19
n-Nitroso-di-n-propylamine
Concen: 44.952 ng
RT: 8.47 min Scan# 949
Delta R.T. -0.00 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

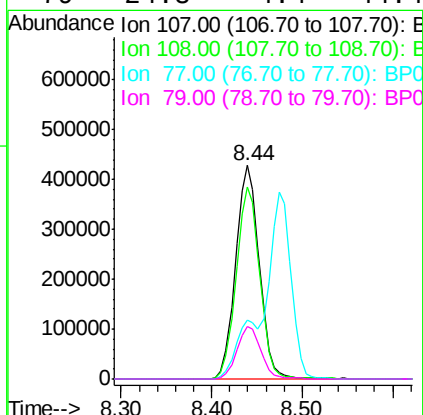
Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01MSD

Tot Ion:	70	Resp:	369102
Ion	Ratio	Lower	Upper
70	100		
42	40.9	32.5	48.7
101	12.9	10.2	15.2
130	32.6	25.2	37.8



#20
3+4-Methylphenols
Concen: 48.072 ng
RT: 8.44 min Scan# 944
Delta R.T. -0.00 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

Tgt Ion:	107	Resp:	777122
Ion	Ratio	Lower	Upper
107	100		
108	90.0	69.7	109.7
77	27.3	7.2	47.2
79	24.8	4.4	44.4

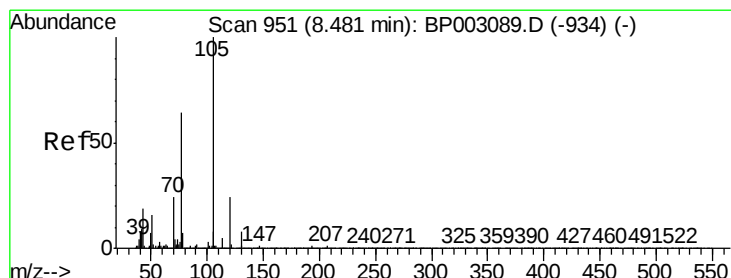
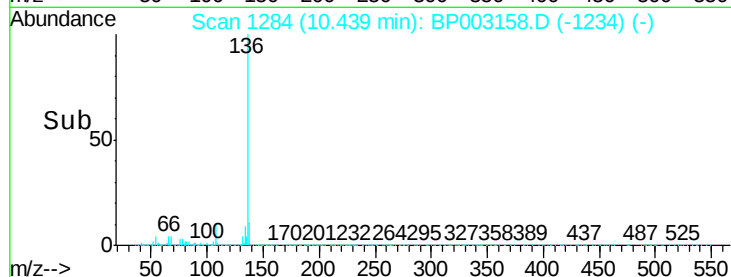
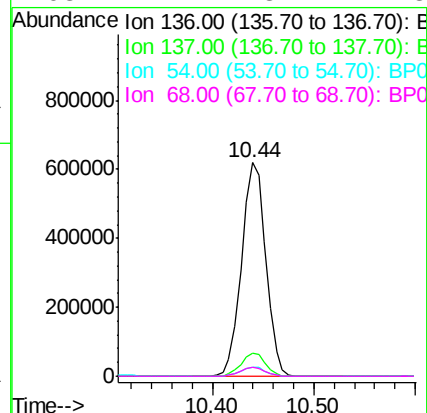
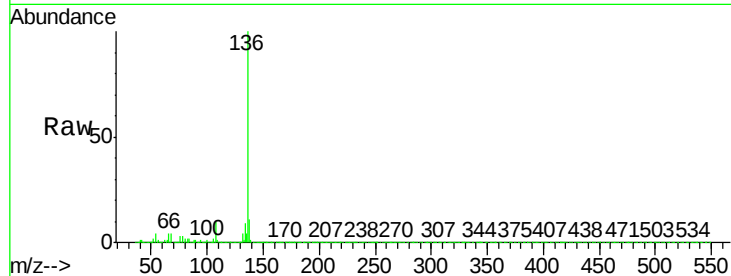




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

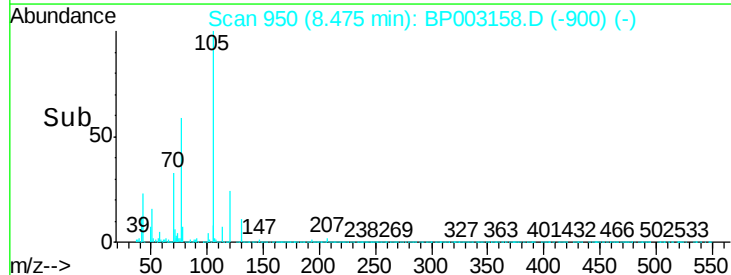
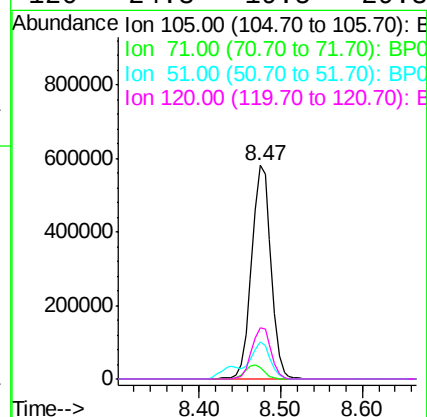
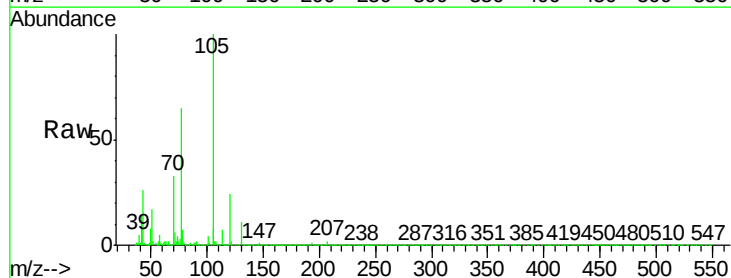
Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01MSD

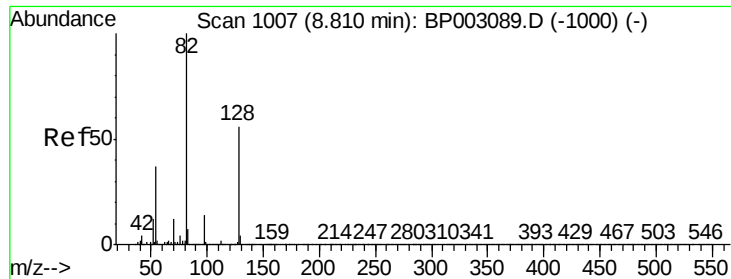
Tot Ion:136	Resp: 1026857
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 4.3	3.5 5.3
68 4.1	3.2 4.8



#22
Acetophenone
Concen: 41.844 ng
RT: 8.47 min Scan# 950
Delta R.T. -0.01 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

Tgt	Ion:105	Resp:	956891
Ion	Ratio	Lower	Upper
105	100		
71	5.6	3.1	4.7#
51	17.2	13.0	19.6
120	24.3	19.5	29.3





#23

Nitrobenzene-d5

Concen: 83.638 ng

RT: 8.81 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

Instrument :

BNA_P

ClientSampleId :

789UMR-TP11-0006-01MSD

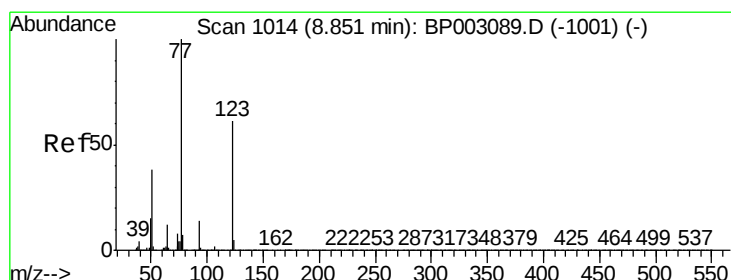
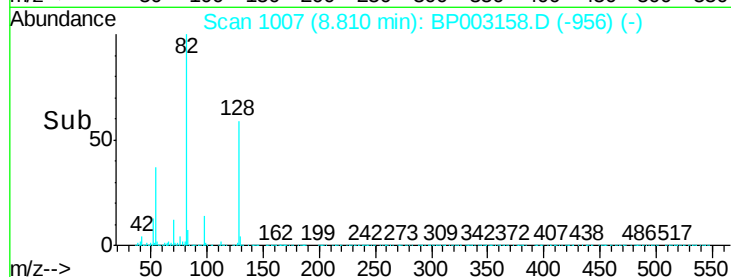
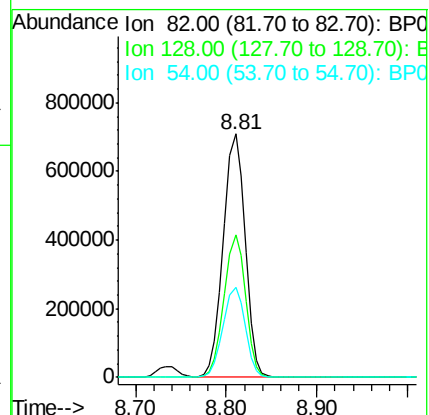
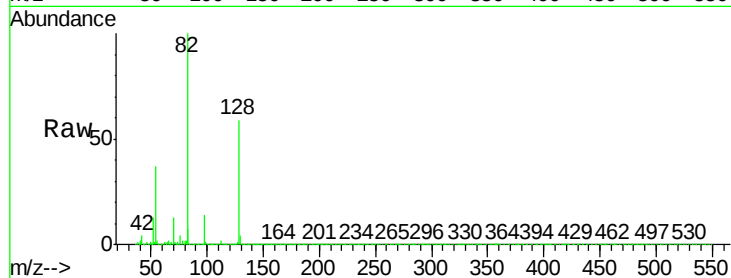
Tot Ion: 82 Resp: 1191344

Ion Ratio Lower Upper

82 100

128 58.7 44.9 67.3

54 37.1 29.4 44.2



#24

Nitrobenzene

Concen: 43.441 ng

RT: 8.85 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

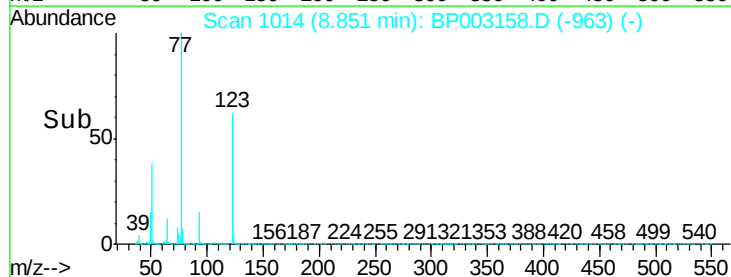
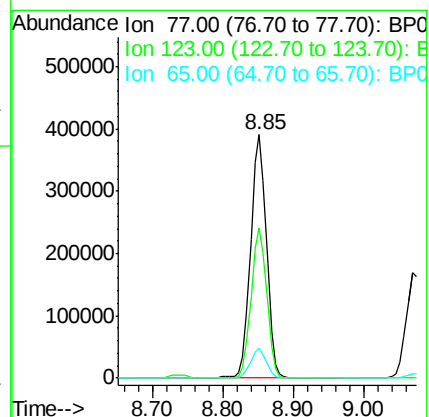
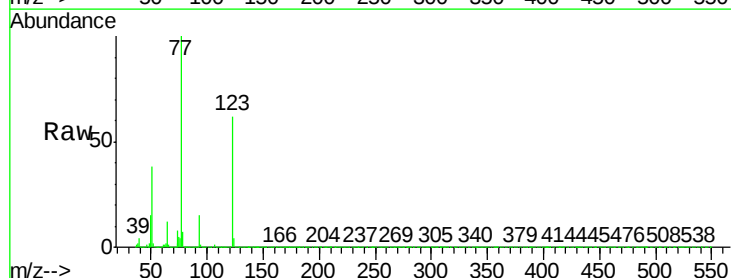
Tgt Ion: 77 Resp: 607751

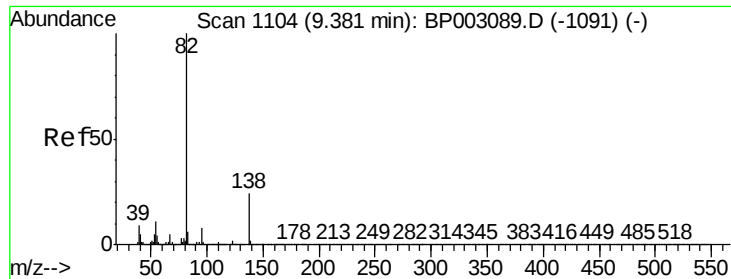
Ion Ratio Lower Upper

77 100

123 61.6 49.0 73.4

65 12.1 9.6 14.4





#25

Isophorone

Concen: 45.807 ng

RT: 9.37 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

Instrument :

BNA_P

ClientSampleId :

789UMR-TP11-0006-01MSD

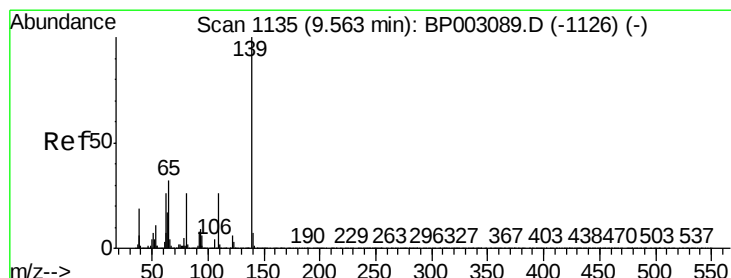
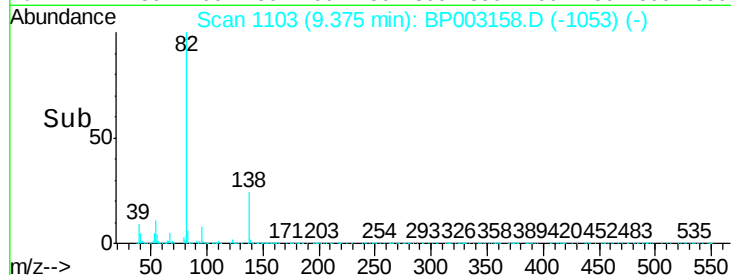
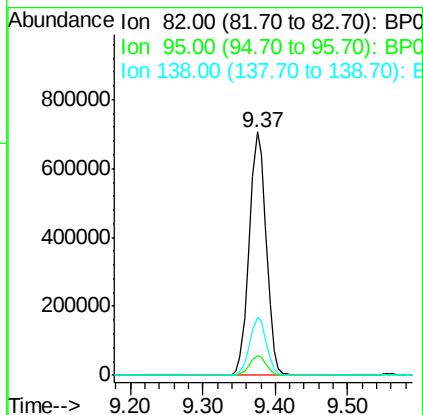
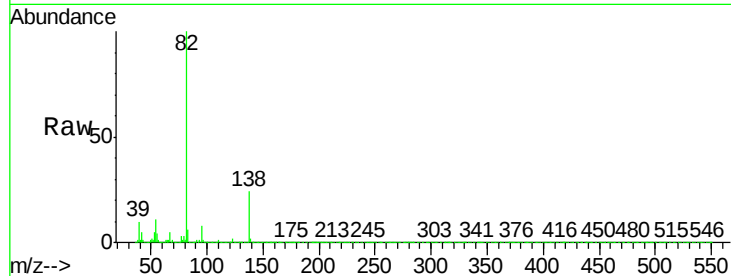
Tot Ion: 82 Resp: 1151207

Ion Ratio Lower Upper

82 100

95 7.9 6.0 9.0

138 24.1 19.1 28.7



#26

2-Nitrophenol

Concen: 50.399 ng

RT: 9.56 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

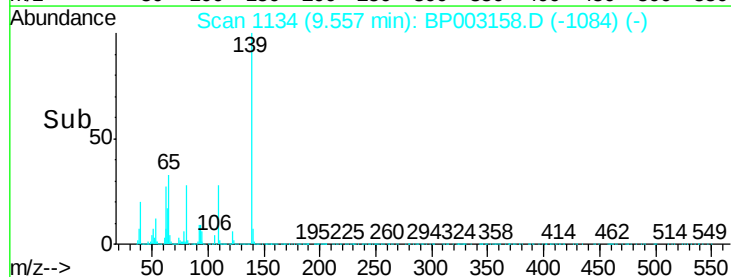
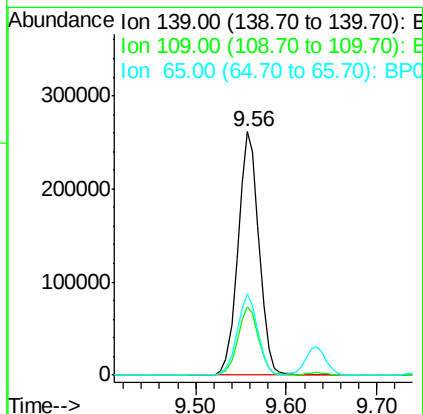
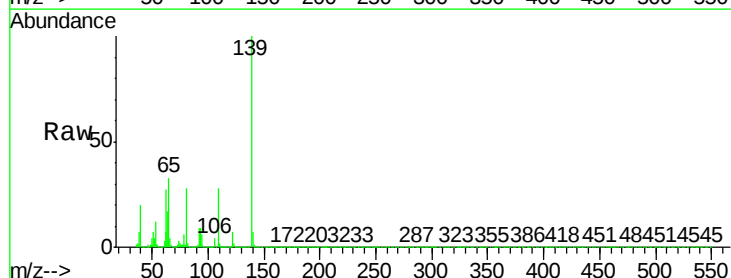
Tgt Ion: 139 Resp: 420256

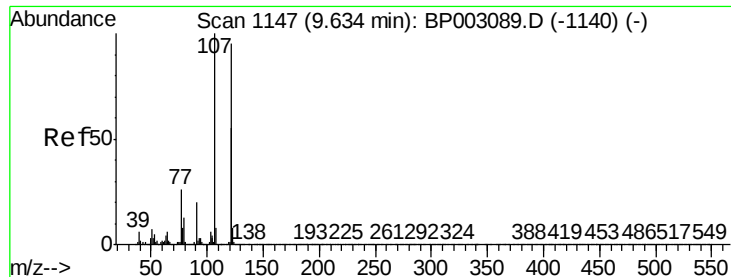
Ion Ratio Lower Upper

139 100

109 28.2 21.2 31.8

65 33.1 25.4 38.0

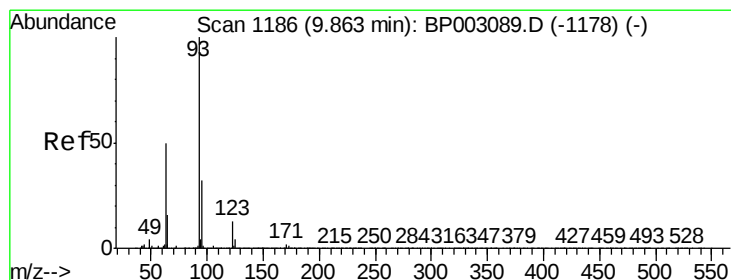
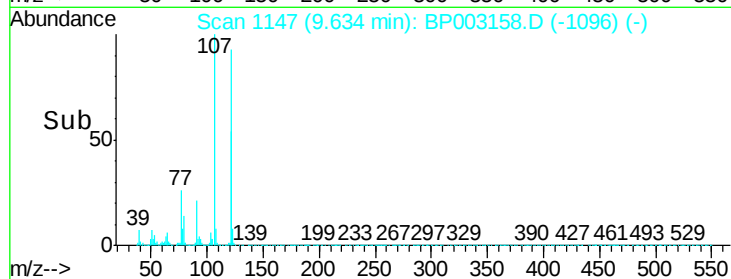
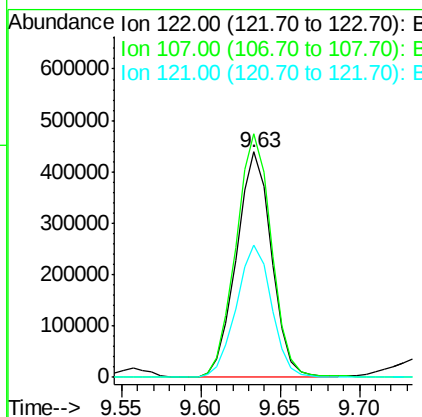
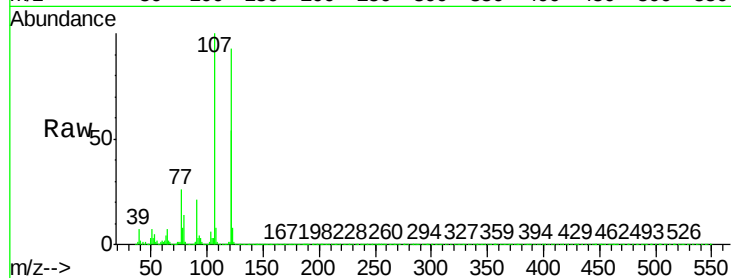




#27
2,4-Dimethylphenol
Concen: 54.017 ng
RT: 9.63 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

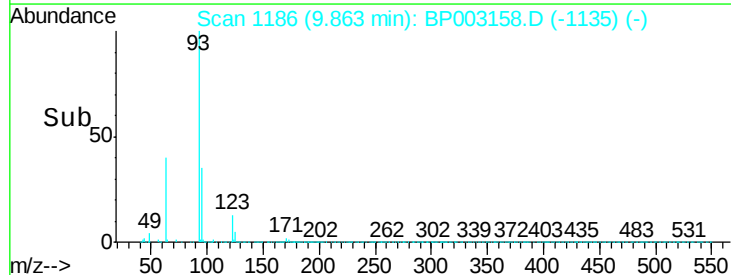
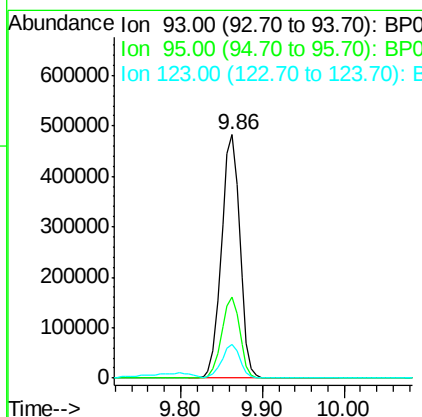
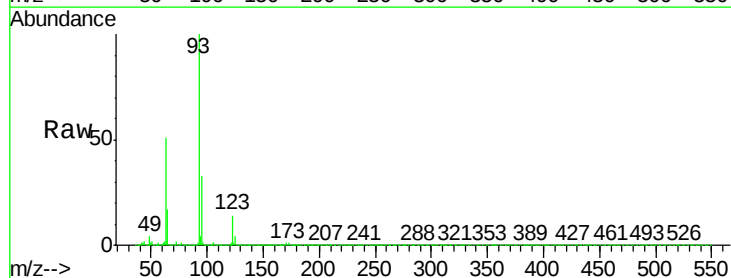
Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01MSD

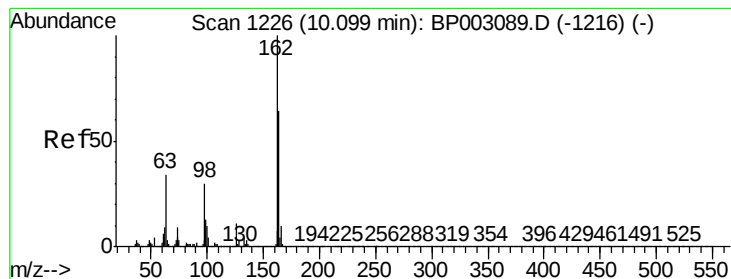
Tot Ion	Ratio	Lower	Upper
122	100		
107	108.1	84.3	126.5
121	58.5	46.0	69.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.333 ng
RT: 9.86 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.8	38.8
123	13.8	10.6	15.8





#29

2,4-Dichlorophenol

Concen: 47.661 ng

RT: 10.10 min Scan# 1226

Delta R.T. -0.00 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

Instrument :

BNA_P

ClientSampleId :

789UMR-TP11-0006-01MSD

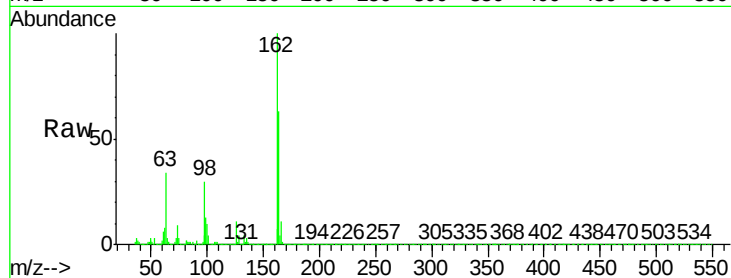
Tot Ion:162 Resp: 741239

Ion Ratio Lower Upper

162 100

164 63.1 43.6 83.6

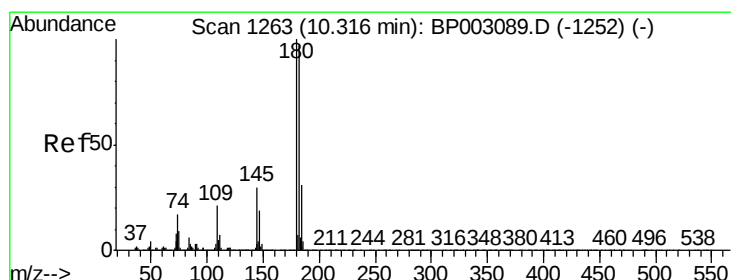
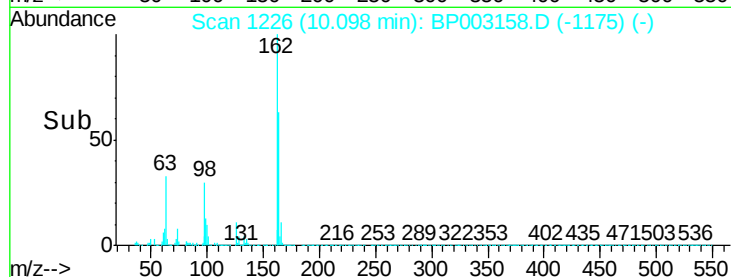
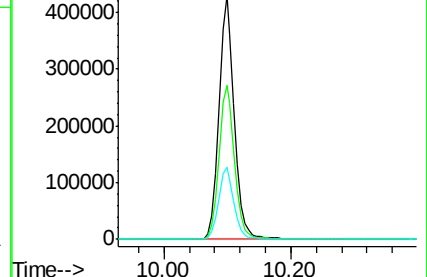
98 29.7 10.1 50.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BPC



#30

1,2,4-Trichlorobenzene

Concen: 42.254 ng

RT: 10.31 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

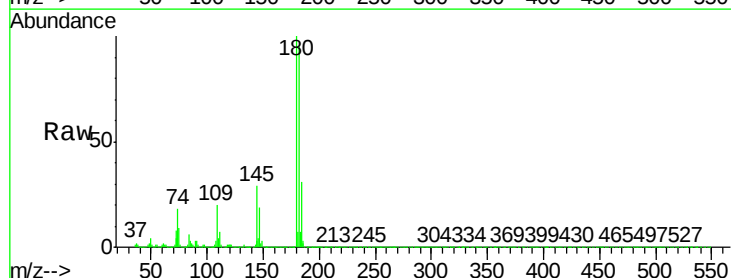
Tgt Ion:180 Resp: 782429

Ion Ratio Lower Upper

180 100

182 94.5 77.6 116.4

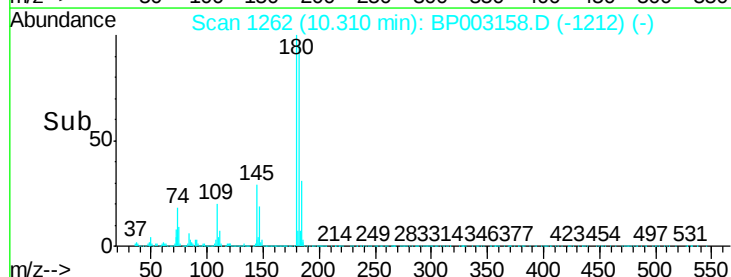
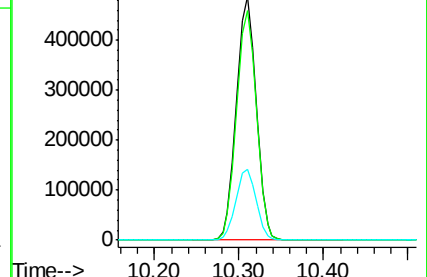
145 29.2 23.7 35.5

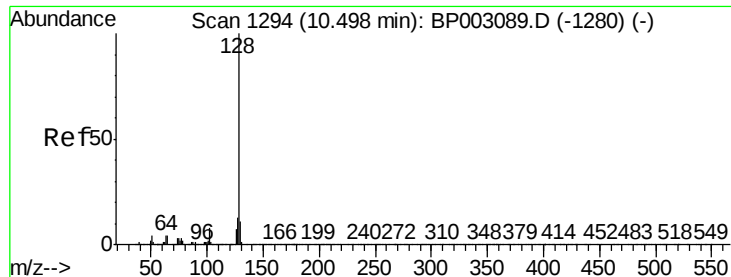


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

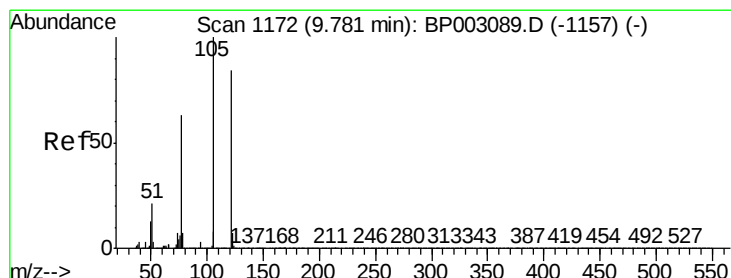
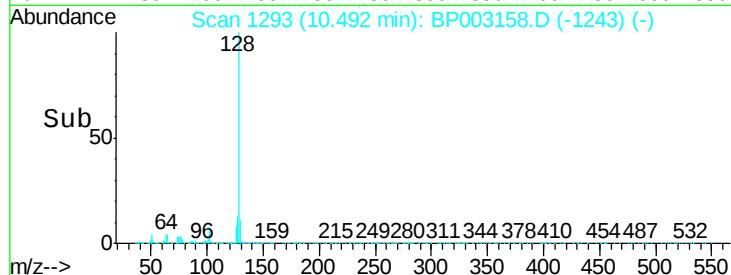
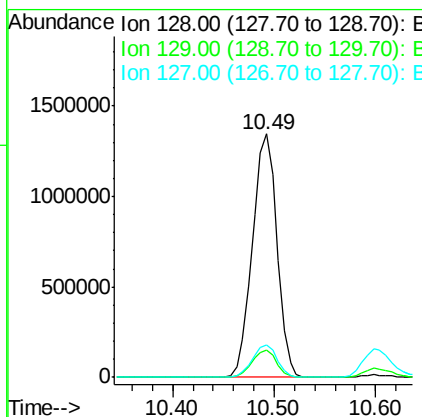
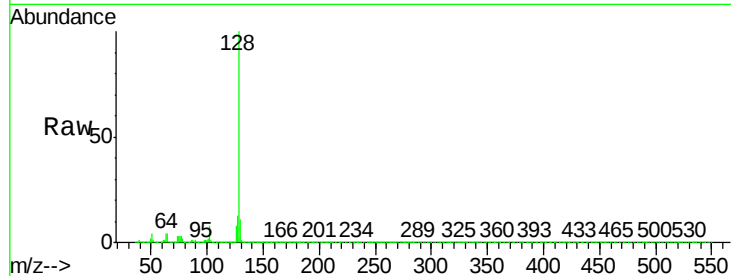




#31
Naphthalene
Concen: 42.876 ng
RT: 10.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

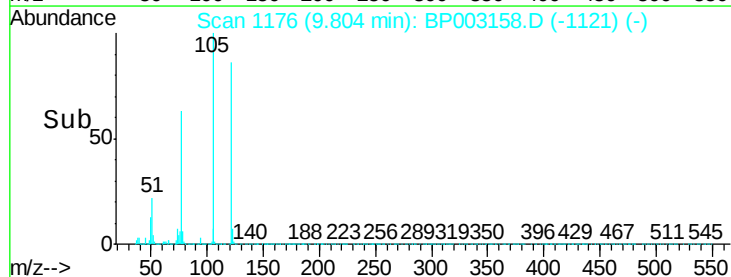
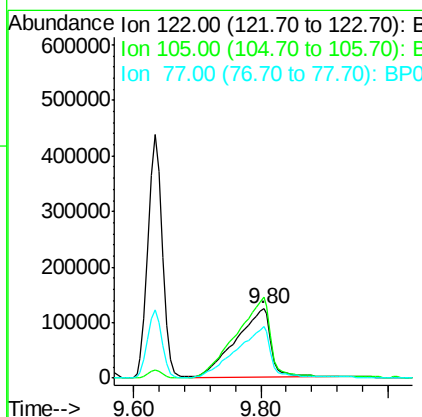
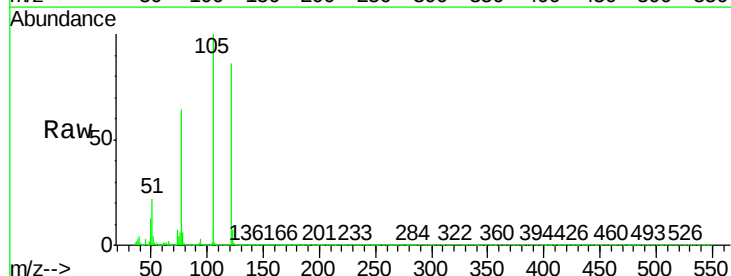
Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01MSD

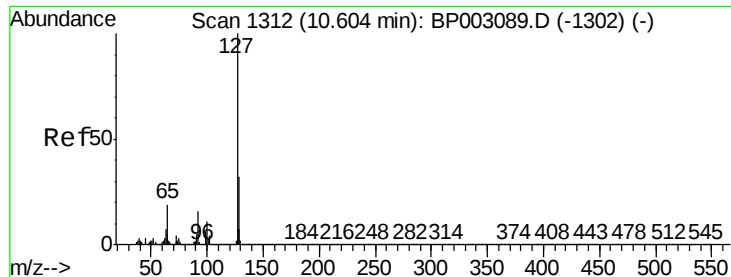
Tot Ion:128 Resp: 2262025
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 49.426 ng
RT: 9.80 min Scan# 1176
Delta R.T. 0.02 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

Tgt Ion:122 Resp: 482492
Ion Ratio Lower Upper
122 100
105 116.6 98.1 138.1
77 74.2 55.3 95.3

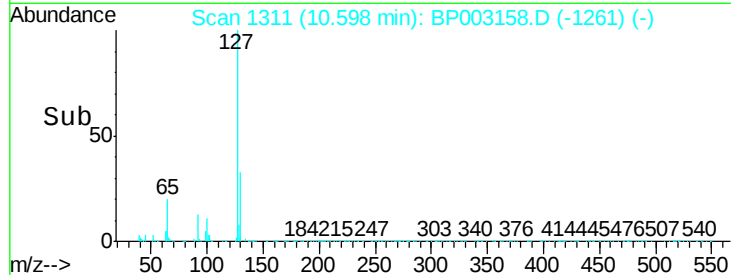
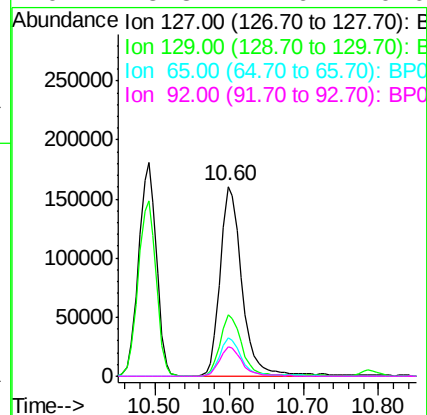
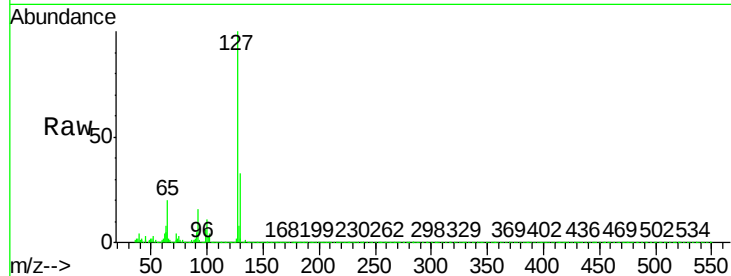




#33
4-Chloroaniline
Concen: 14.742 ng
RT: 10.60 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

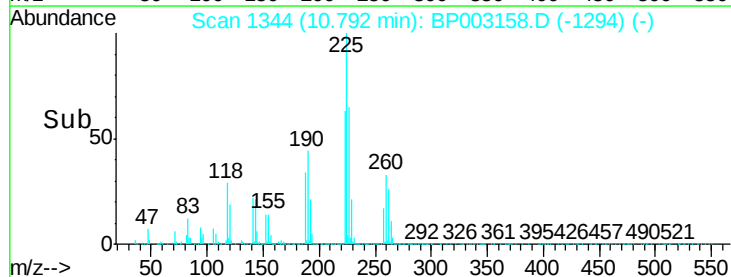
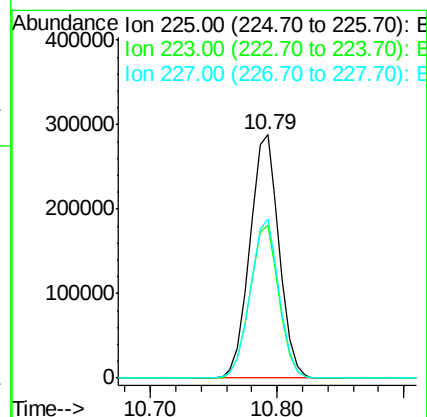
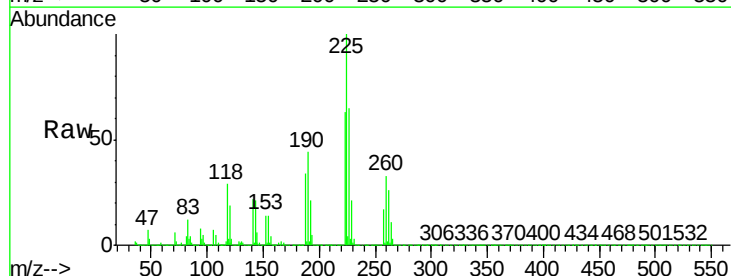
Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01MSD

Tot Ion:	127	Resp:	324962
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.4	38.0
65	20.0	15.5	23.3
92	15.8	12.6	19.0



#34
Hexachlorobutadiene
Concen: 41.396 ng
RT: 10.79 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

Tgt Ion:	225	Resp:	460050
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	65.4	52.0	78.0

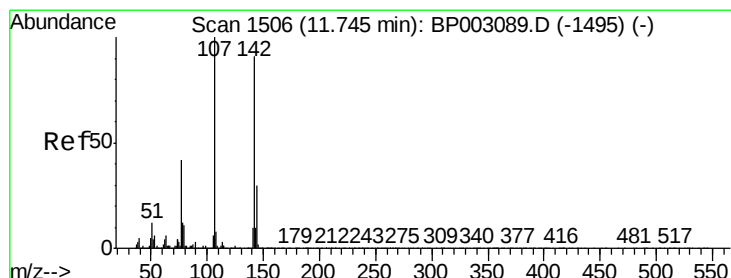
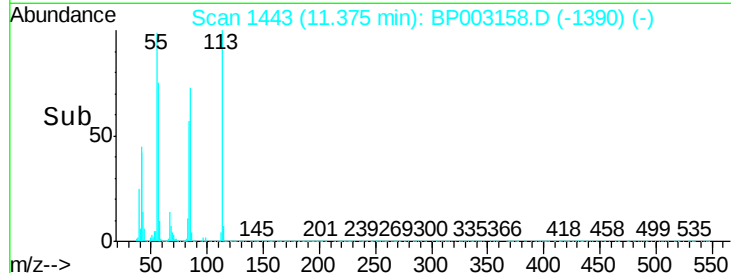
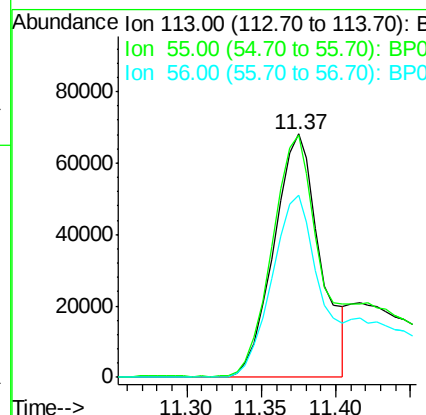
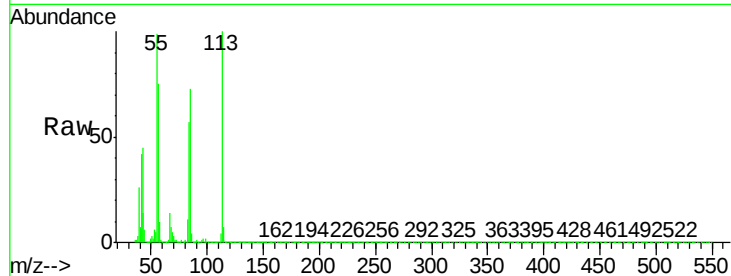




#35
 Caprolactam
 Concen: 31.563 ng
 RT: 11.37 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: BP003158.D
 Acq: 28 Aug 2020 19:24

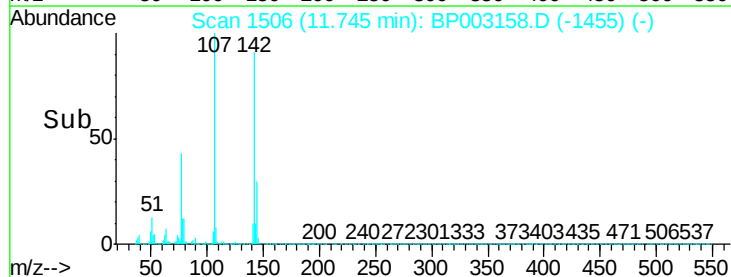
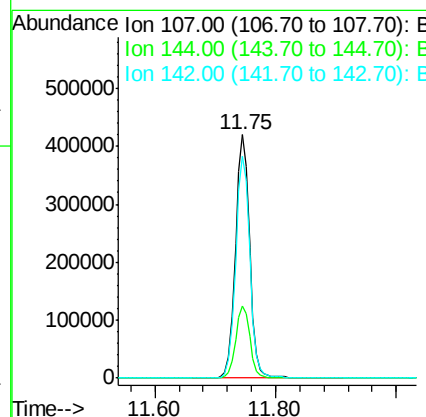
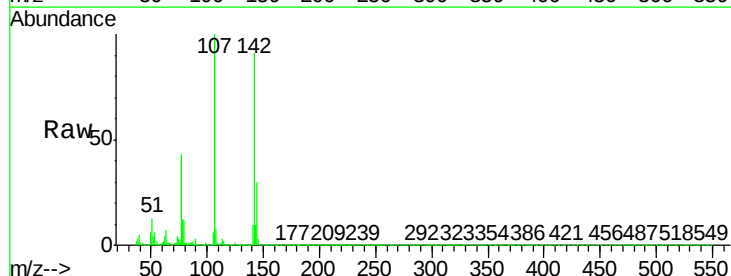
Instrument :
 BNA_P
 ClientSampleId :
 789UMR-TP11-0006-01MSD

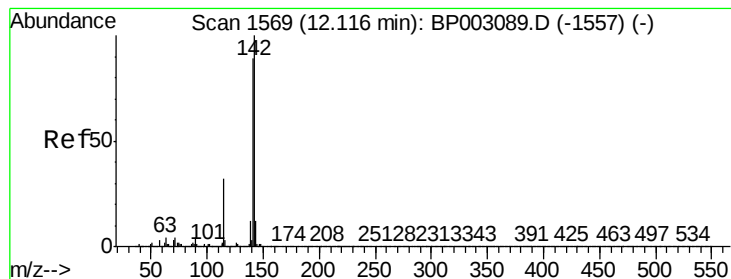
Tot Ion:113 Resp: 147509
 Ion Ratio Lower Upper
 113 100
 55 99.3 81.3 121.3
 56 74.9 56.4 96.4



#36
 4-Chloro-3-methylphenol
 Concen: 47.560 ng
 RT: 11.75 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BP003158.D
 Acq: 28 Aug 2020 19:24

Tgt Ion:107 Resp: 690619
 Ion Ratio Lower Upper
 107 100
 144 29.9 24.2 36.4
 142 91.3 73.0 109.6





#37

2-Methylnaphthalene

Concen: 43.837 ng

RT: 12.11 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

Instrument :

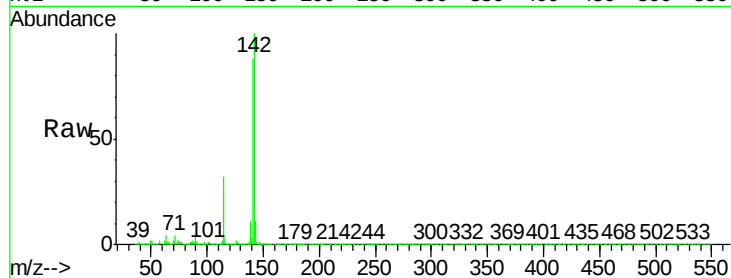
BNA_P

ClientSampleId :

789UMR-TP11-0006-01MSD

Tot Ion:142 Resp: 1654420

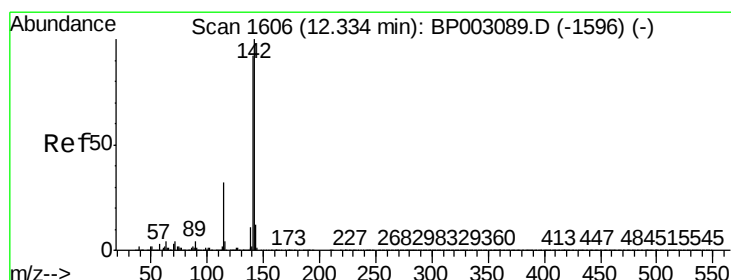
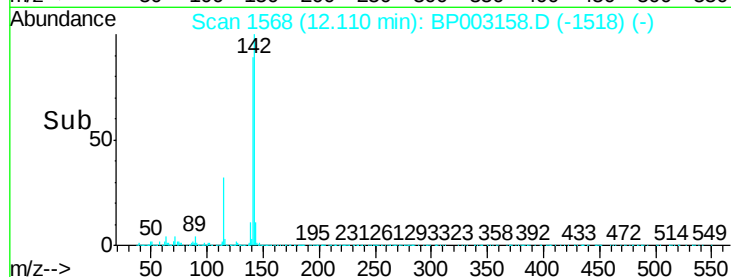
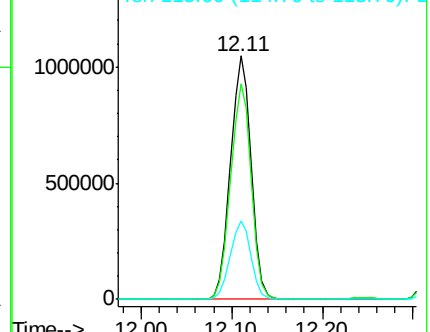
Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.1	106.7
115	32.1	25.2	37.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.689 ng

RT: 12.33 min Scan# 1606

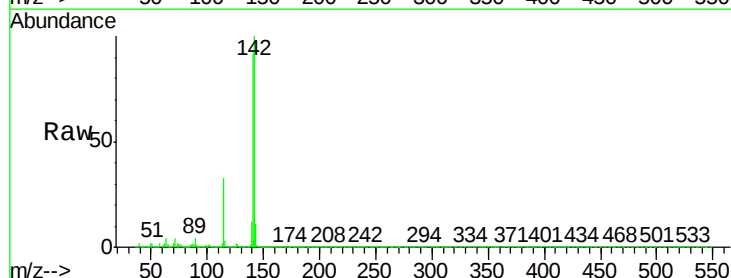
Delta R.T. -0.00 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

Tgt Ion:142 Resp: 1567162

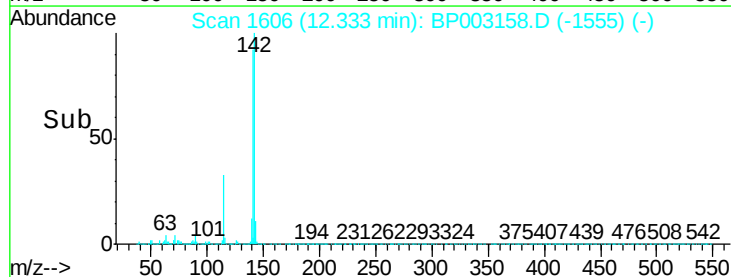
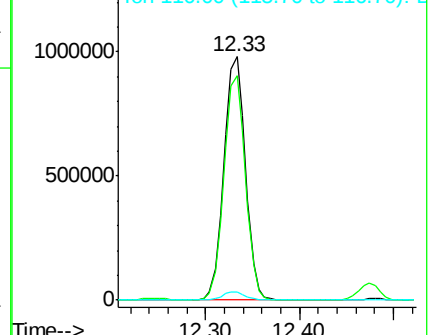
Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.8	110.8
116	3.4	2.8	4.2

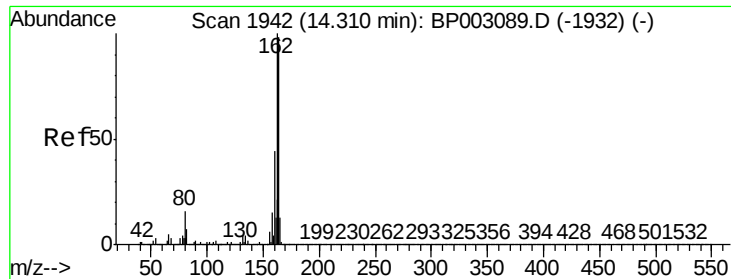


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

Instrument :

BNA_P

ClientSampleId :

789UMR-TP11-0006-01MSD

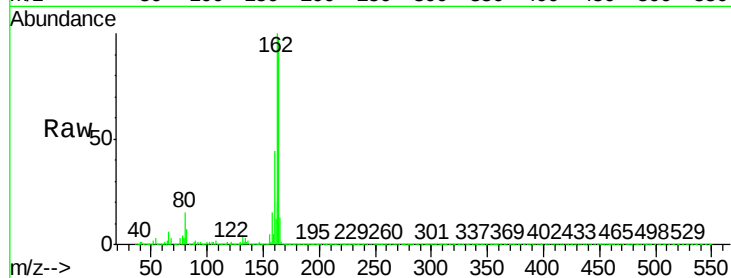
Tot Ion:164 Resp: 625987

Ion Ratio Lower Upper

164 100

162 102.9 81.2 121.8

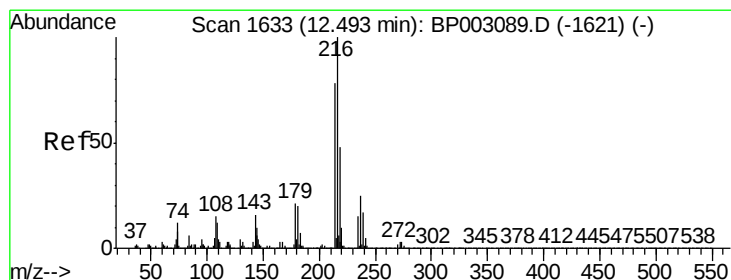
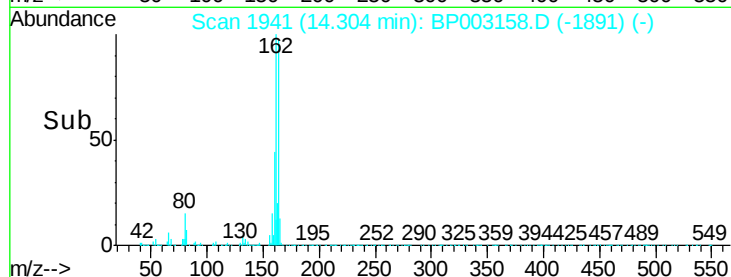
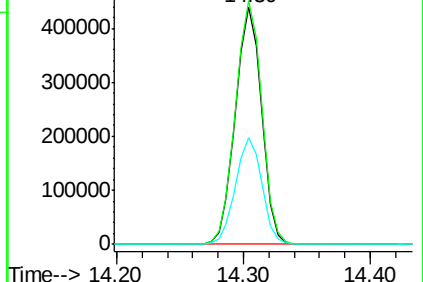
160 45.1 36.0 54.0



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: 44.260 ng

RT: 12.49 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

Tgt Ion:216 Resp: 821188

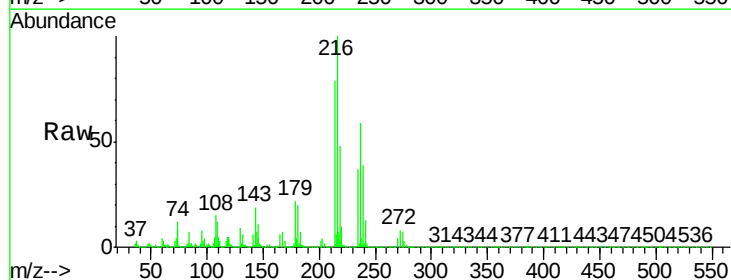
Ion Ratio Lower Upper

216 100

214 78.6 62.4 93.6

179 21.0 16.9 25.3

108 17.2 12.8 19.2

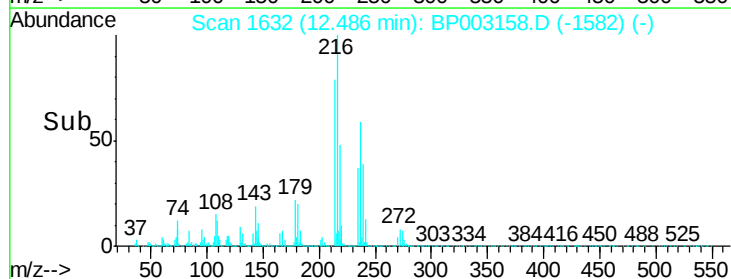
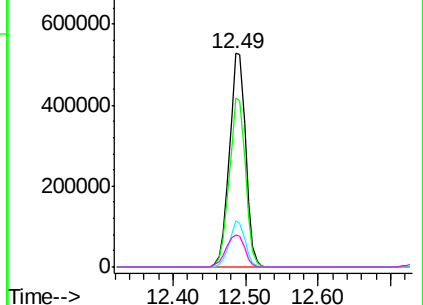


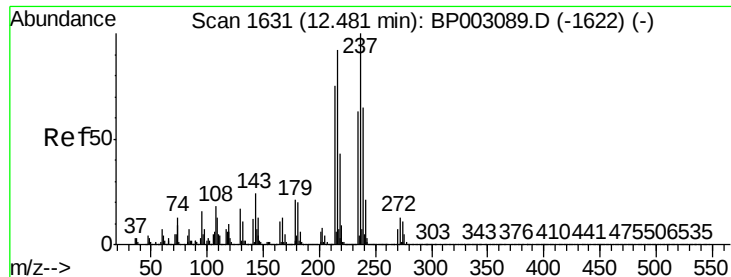
Abundance Ion 216.00 (215.70 to 216.70): E

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

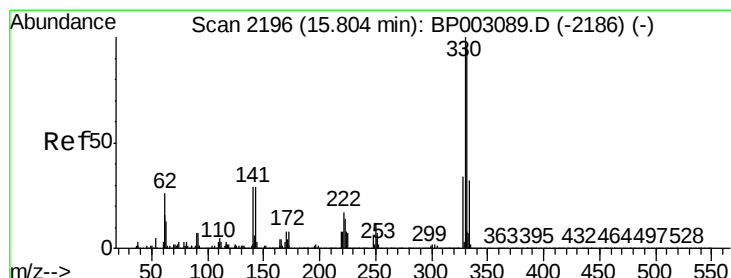
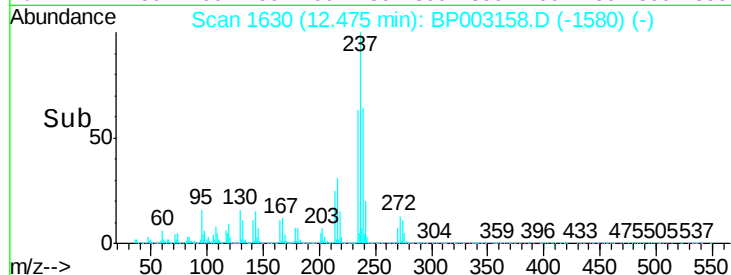
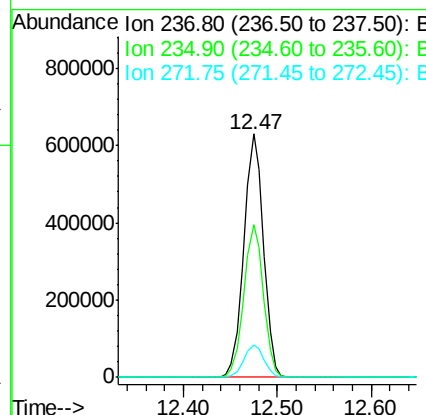
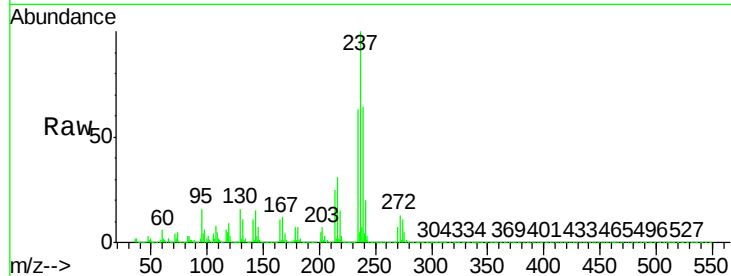




#41
Hexachlorocyclopentadiene
Concen: 103.767 ng
RT: 12.47 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

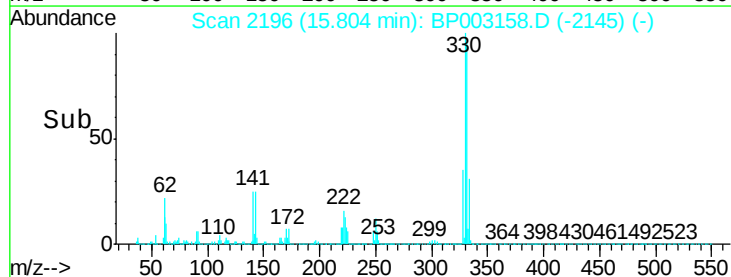
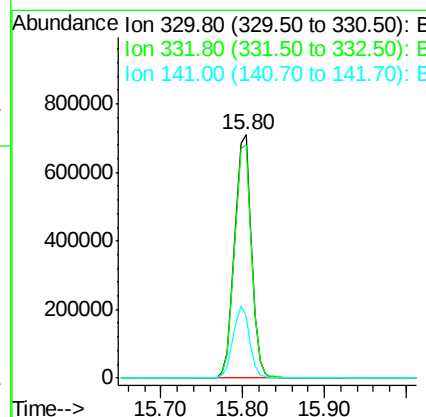
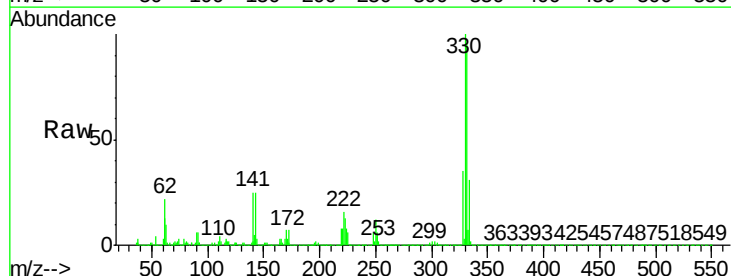
Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01MSD

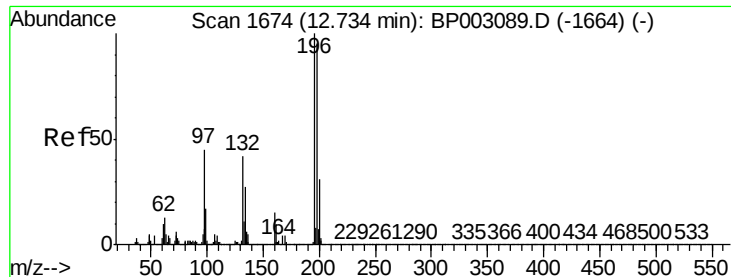
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.6	43.0	83.0
272	13.2	0.0	33.2



#42
2,4,6-Tribromophenol
Concen: 121.230 ng
RT: 15.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.3	115.9
141	29.0	24.4	36.6

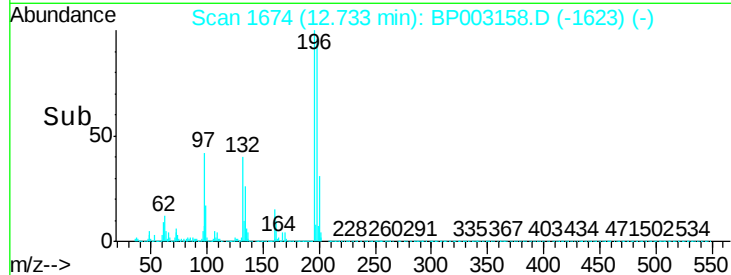
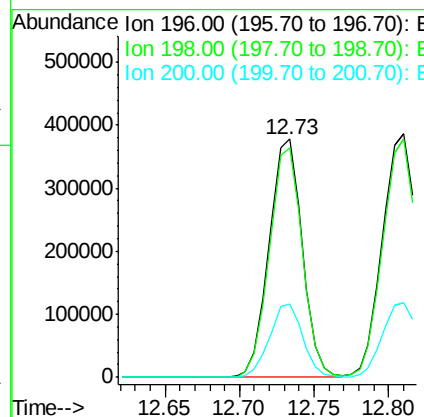
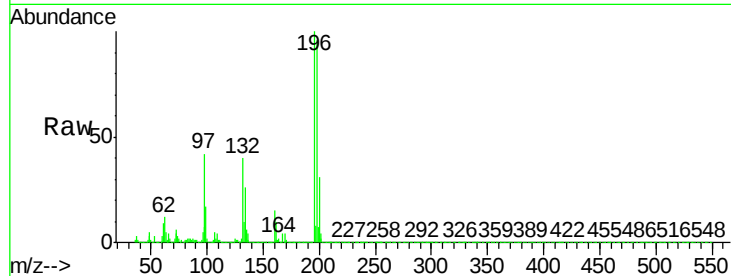




#43
 2,4,6-Trichlorophenol
 Concen: 47.796 ng
 RT: 12.73 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BP003158.D
 Acq: 28 Aug 2020 19:24

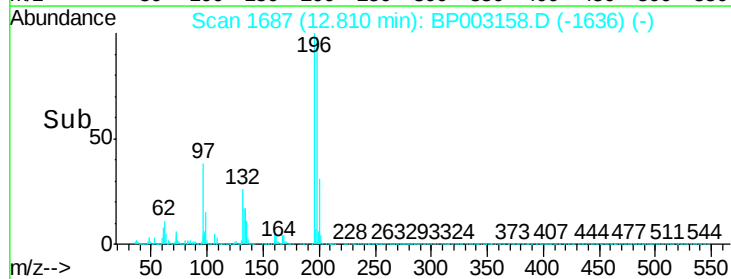
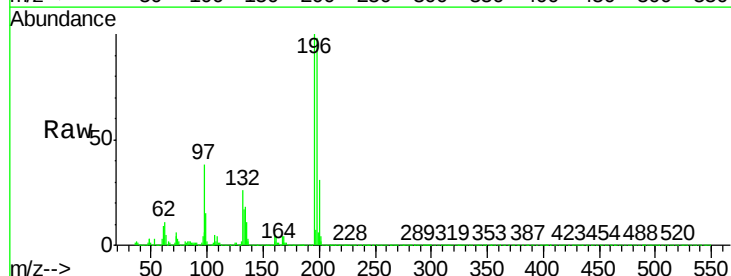
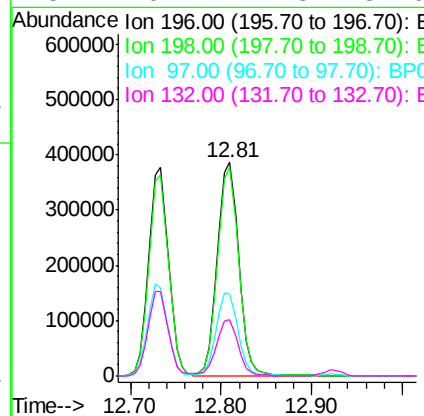
Instrument :
 BNA_P
 ClientSampleId :
 789UMR-TP11-0006-01MSD

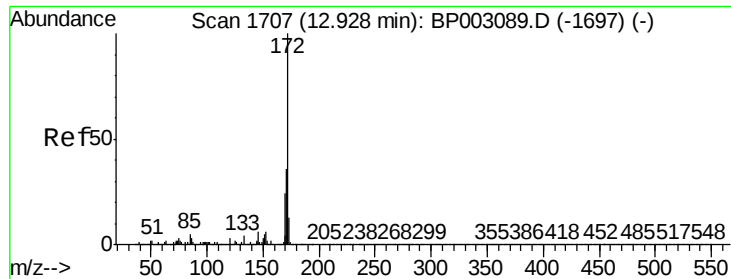
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.8	113.6
200	31.0	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 49.196 ng
 RT: 12.81 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: BP003158.D
 Acq: 28 Aug 2020 19:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	76.6	115.0
97	38.5	30.3	45.5
132	26.4	21.3	31.9

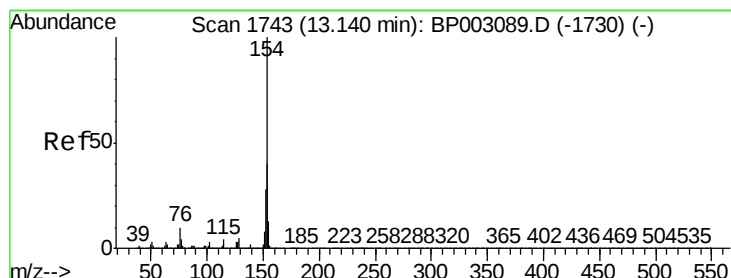
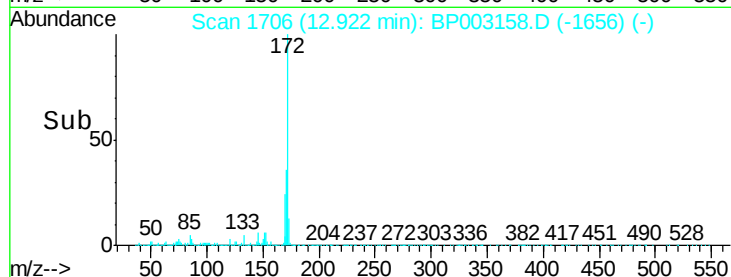
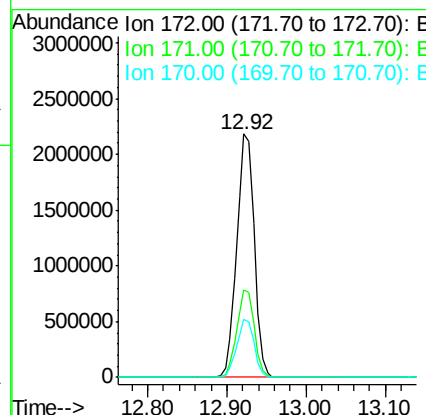
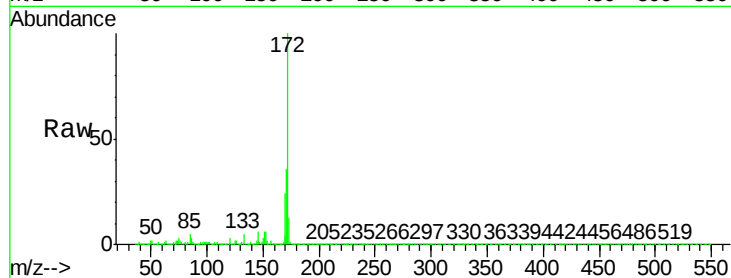




#45
2-Fluorobiphenyl
Concen: 77.898 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

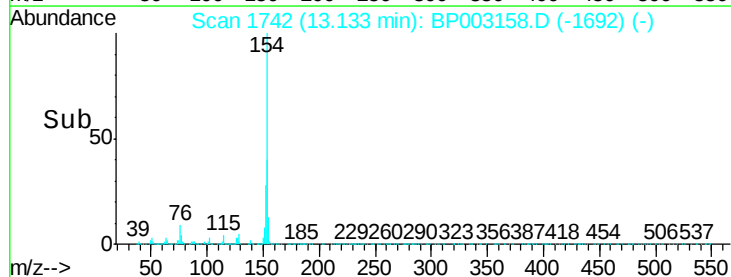
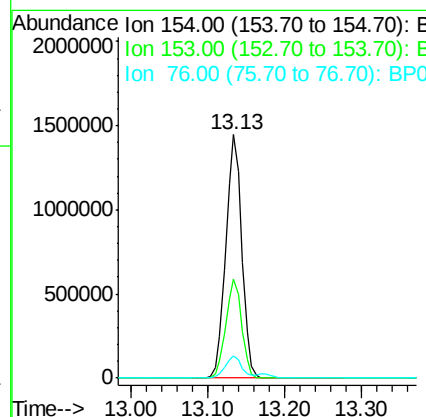
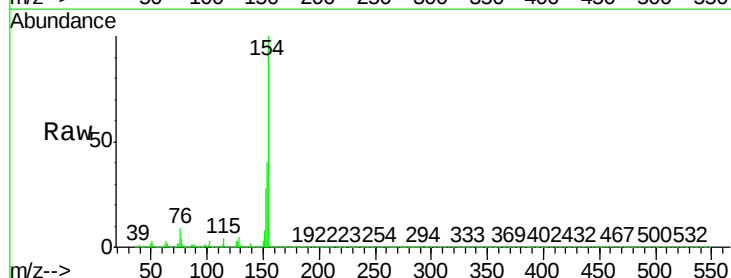
Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01MSD

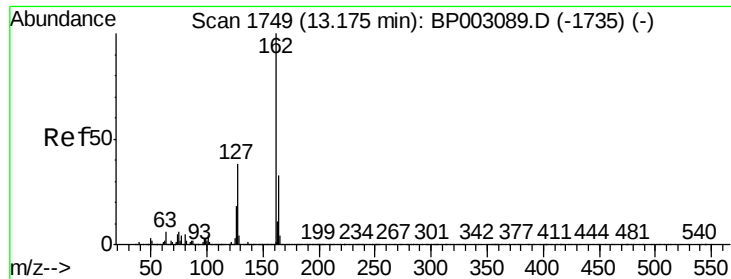
Tot Ion:172 Resp: 3329785
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 24.0 19.0 28.4



#46
1,1'-Biphenyl
Concen: 44.061 ng
RT: 13.13 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

Tgt Ion:154 Resp: 2068830
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 8.9 0.0 29.7

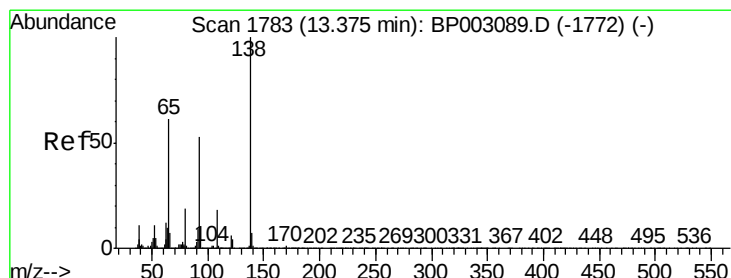
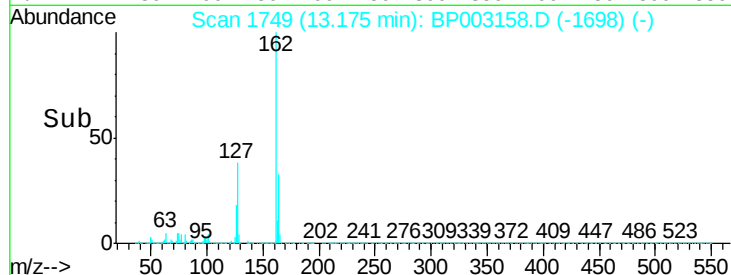
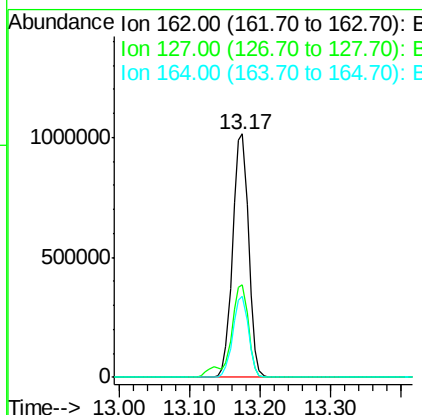
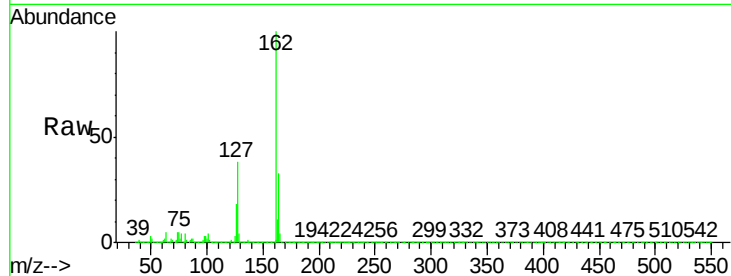




#47
2-Chloronaphthalene
Concen: 41.297 ng
RT: 13.17 min Scan# 1749
Delta R.T. -0.00 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

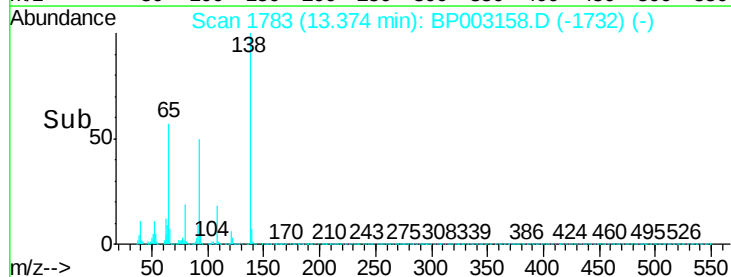
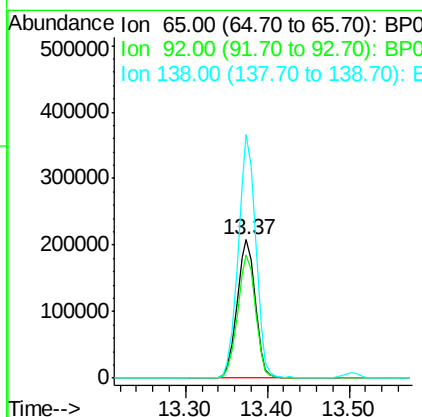
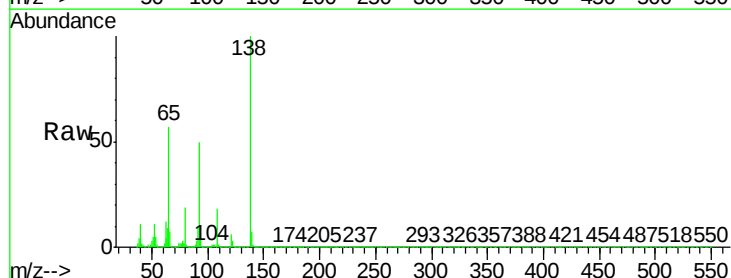
Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01MSD

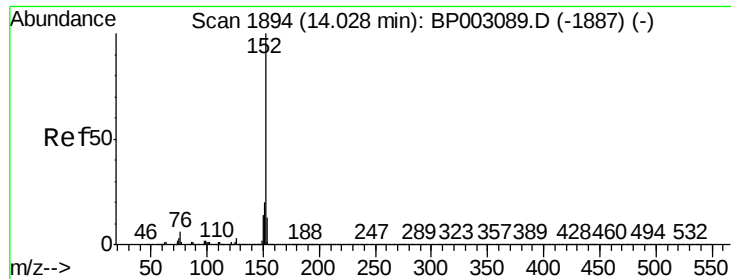
Tot Ion:162 Resp: 1587238
Ion Ratio Lower Upper
162 100
127 38.1 30.6 45.8
164 33.2 26.3 39.5



#48
2-Nitroaniline
Concen: 45.147 ng
RT: 13.37 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

Tgt Ion: 65 Resp: 324894
Ion Ratio Lower Upper
65 100
92 88.7 70.2 105.4
138 175.9 131.7 197.5





#49

Acenaphthylene

Concen: 45.082 ng

RT: 14.02 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

Instrument :

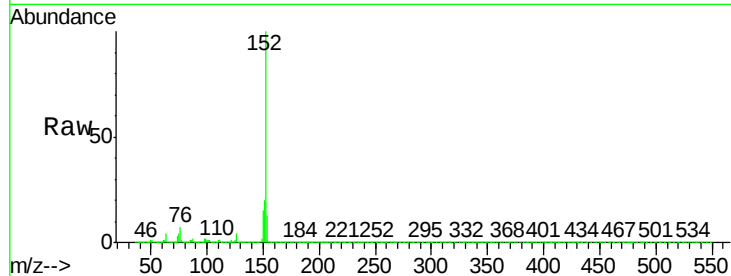
BNA_P

ClientSampleId :

789UMR-TP11-0006-01MSD

Tot Ion:152 Resp: 2620050

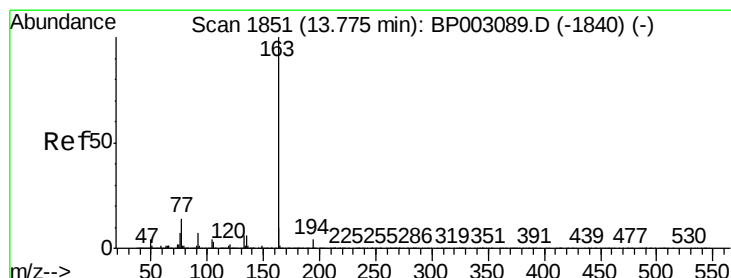
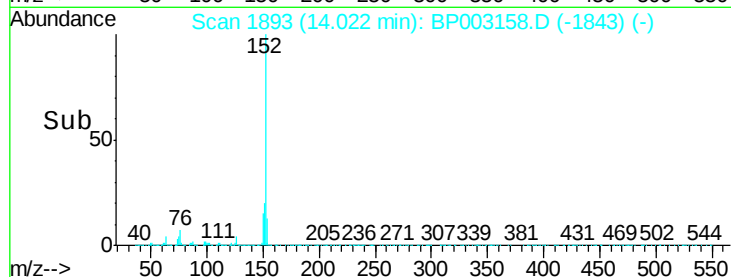
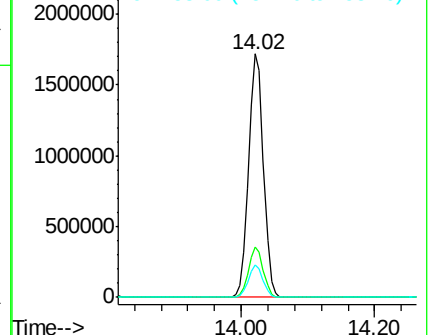
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.5	10.5	15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.302 ng

RT: 13.77 min Scan# 1850

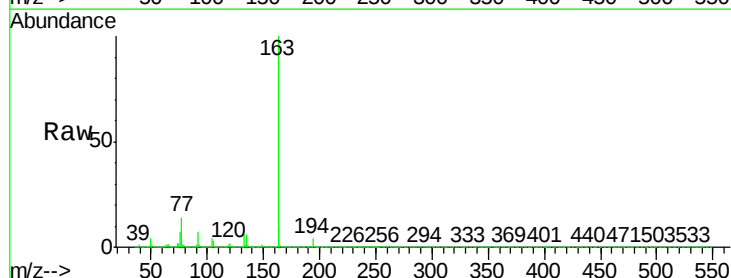
Delta R.T. -0.01 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

Tgt Ion:163 Resp: 2305794

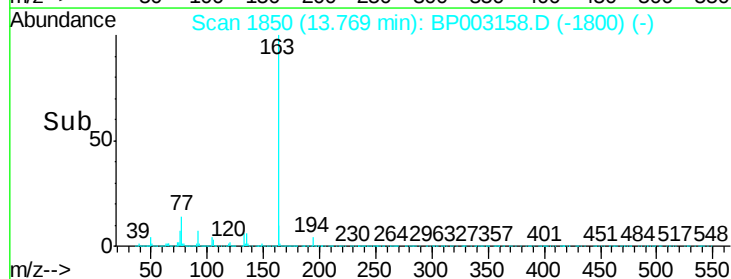
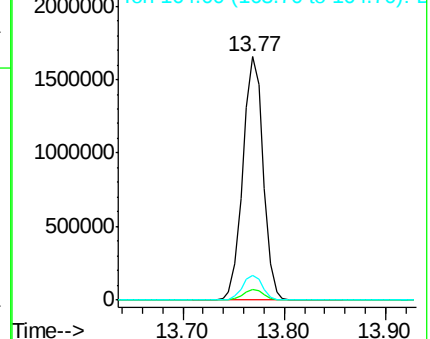
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.2	8.1	12.1

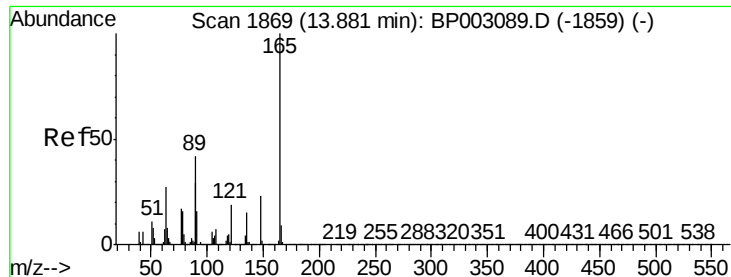


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

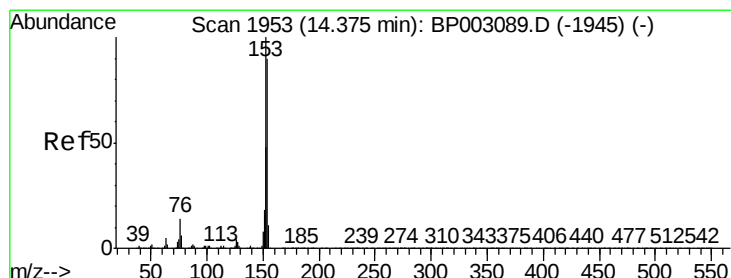
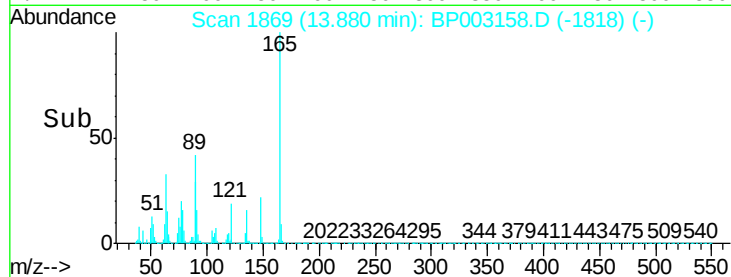
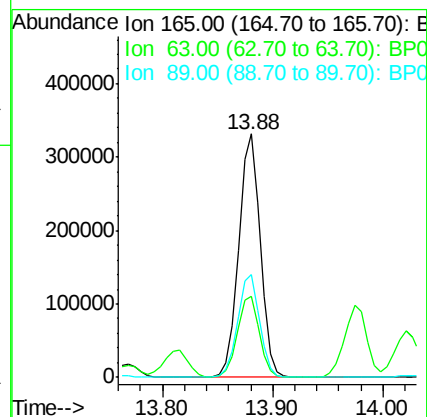
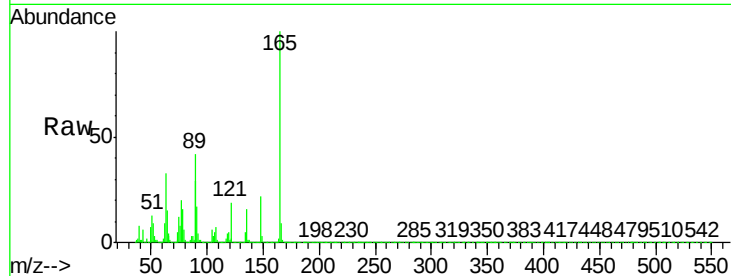




#51
2,6-Dinitrotoluene
Concen: 45.836 ng
RT: 13.88 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

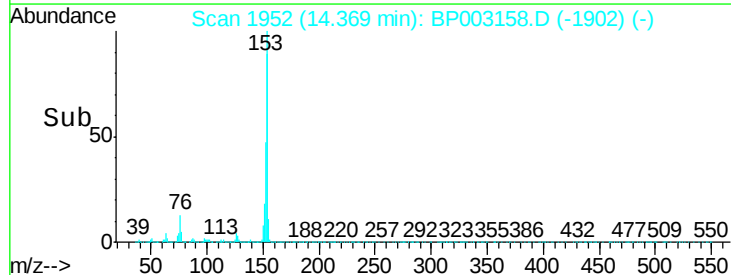
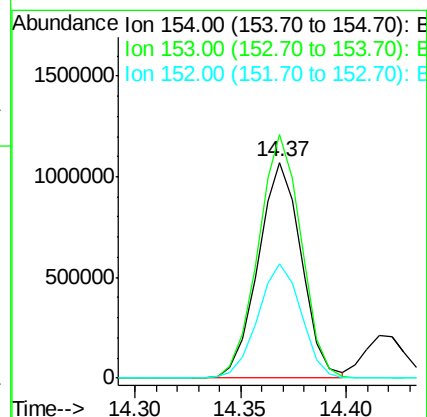
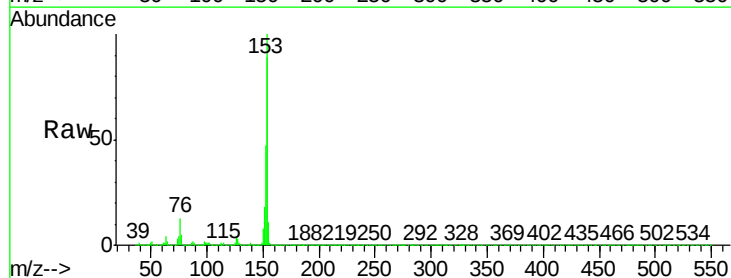
Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01MSD

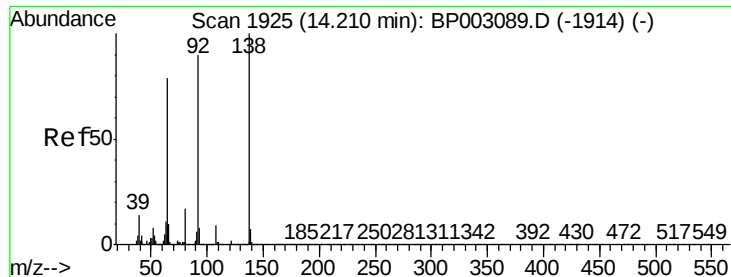
Tot Ion	Ratio	Lower	Upper
165	100		
63	33.4	27.5	41.3
89	42.5	33.6	50.4



#52
Acenaphthene
Concen: 42.752 ng
RT: 14.37 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	89.2	133.8
152	53.2	42.5	63.7

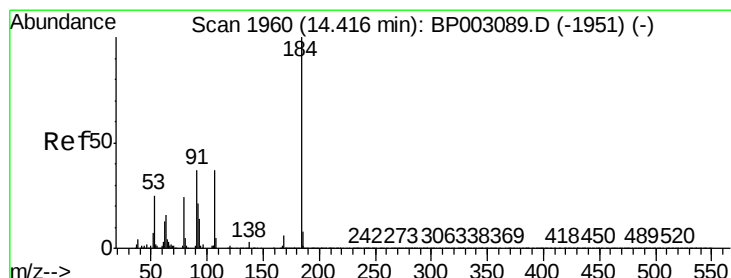
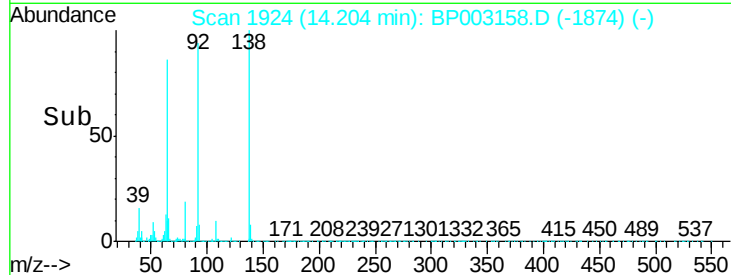
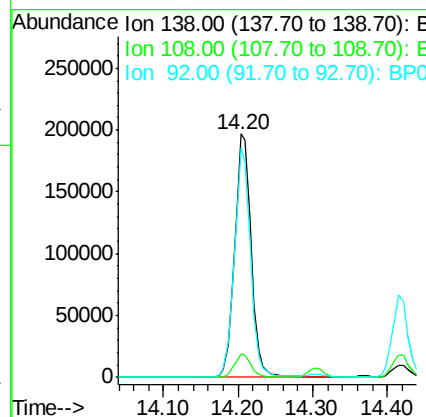
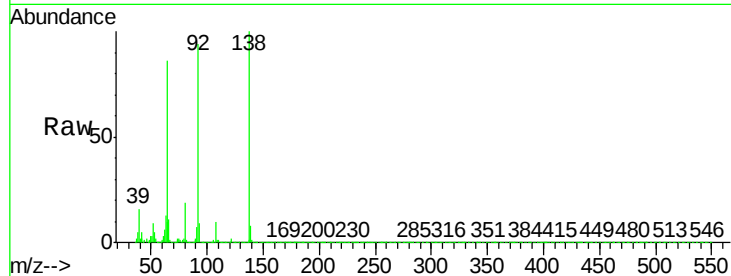




#53
 3-Nitroaniline
 Concen: 27.311 ng
 RT: 14.20 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BP003158.D
 Acq: 28 Aug 2020 19:24

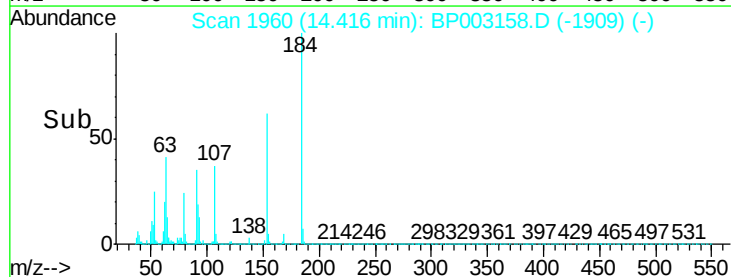
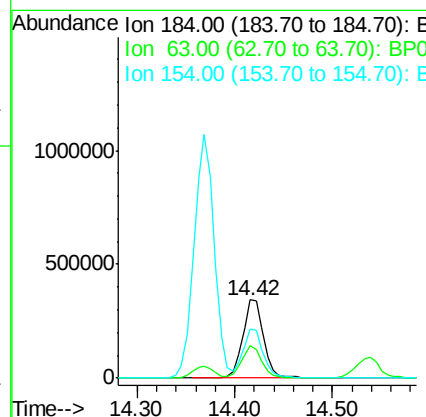
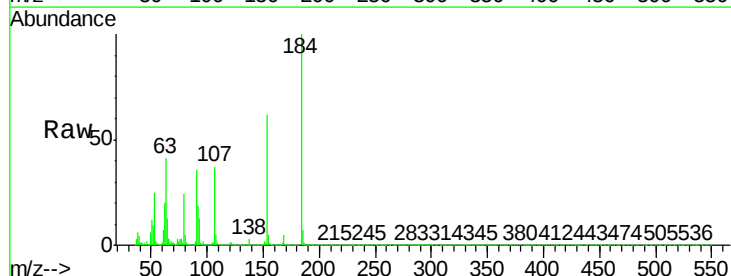
Instrument :
 BNA_P
 ClientSampleId :
 789UMR-TP11-0006-01MSD

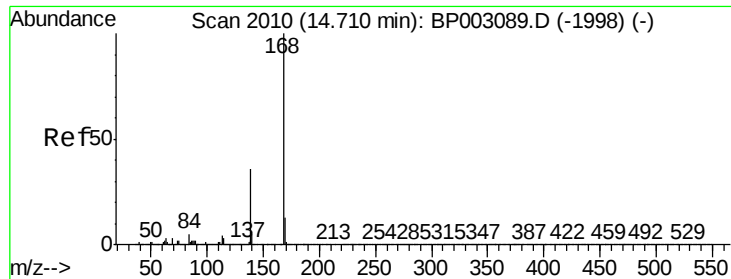
Tot Ion:138 Resp: 306995
 Ion Ratio Lower Upper
 138 100
 108 9.9 7.4 11.0
 92 94.5 72.2 108.2



#54
 2,4-Dinitrophenol
 Concen: 92.976 ng
 RT: 14.42 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: BP003158.D
 Acq: 28 Aug 2020 19:24

Tgt Ion:184 Resp: 511458
 Ion Ratio Lower Upper
 184 100
 63 40.8 32.0 48.0
 154 62.2 48.2 72.2

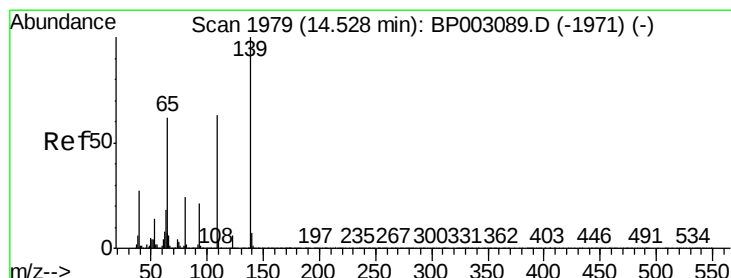
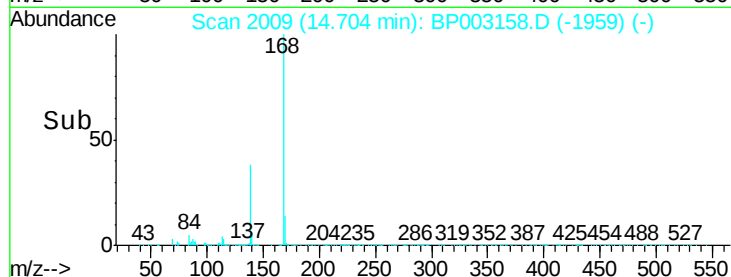
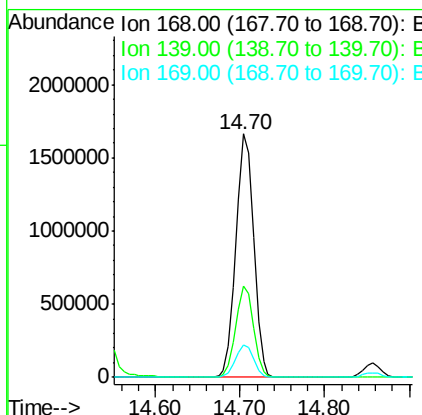
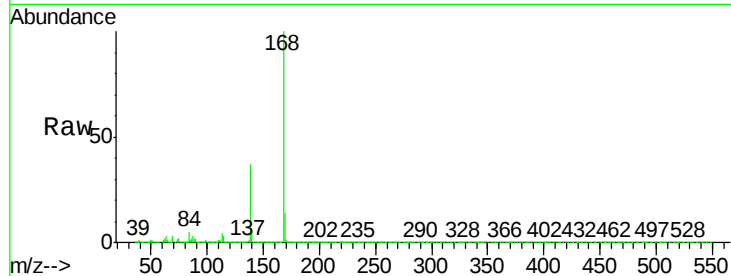




#55
Dibenzofuran
Concen: 42.654 ng
RT: 14.70 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

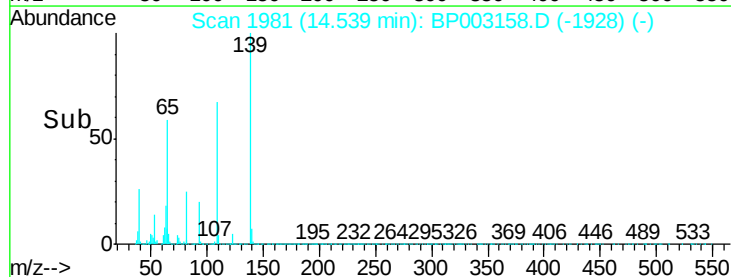
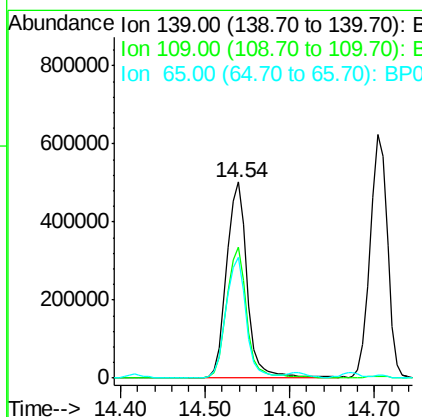
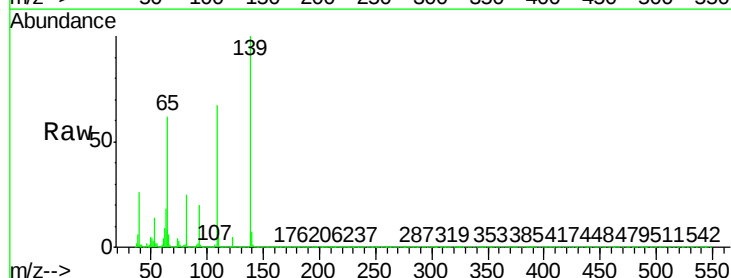
Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01MSD

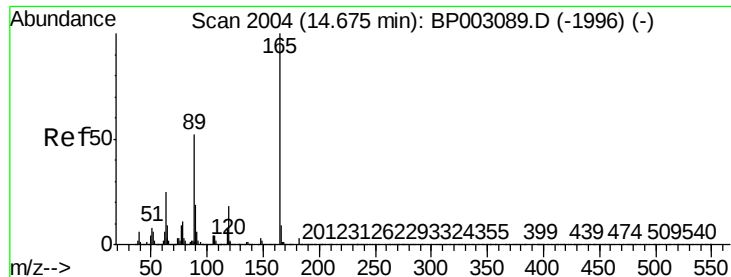
Tot Ion:168 Resp: 2391748
Ion Ratio Lower Upper
168 100
139 37.5 29.3 43.9
169 13.6 10.6 15.8



#56
4-Nitrophenol
Concen: 104.679 ng
RT: 14.54 min Scan# 1981
Delta R.T. 0.01 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

Tgt Ion:139 Resp: 846528
Ion Ratio Lower Upper
139 100
109 66.5 42.8 82.8
65 61.7 41.7 81.7





#57

2,4-Dinitrotoluene

Concen: 46.723 ng

RT: 14.67 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

Instrument :

BNA_P

ClientSampleId :

789UMR-TP11-0006-01MSD

Tot Ion:165 Resp: 623281

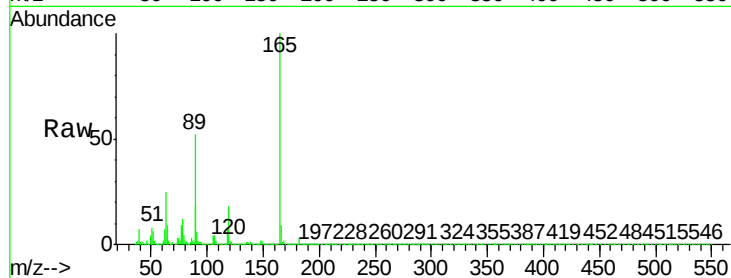
Ion Ratio Lower Upper

165 100

63 25.2 20.3 30.5

89 52.5 42.0 63.0

182 3.0 2.3 3.5

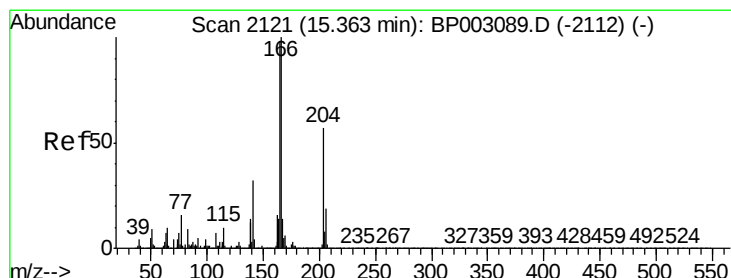
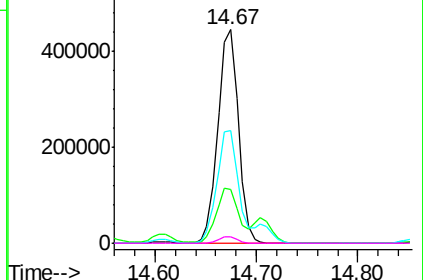
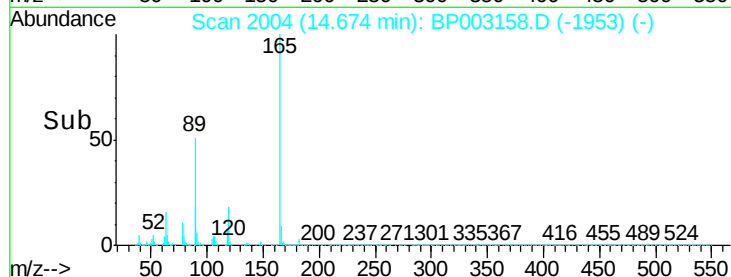


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.582 ng

RT: 15.36 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

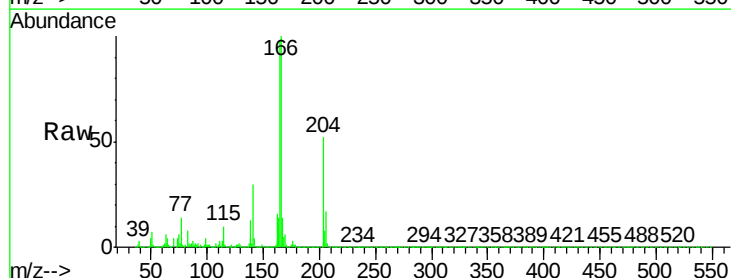
Tgt Ion:166 Resp: 1839327

Ion Ratio Lower Upper

166 100

165 97.7 78.3 117.5

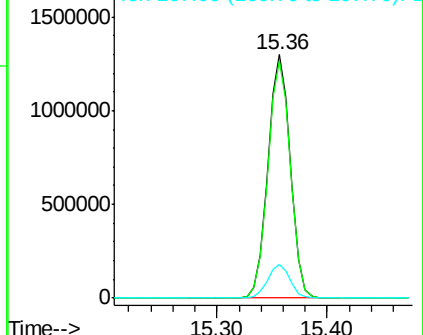
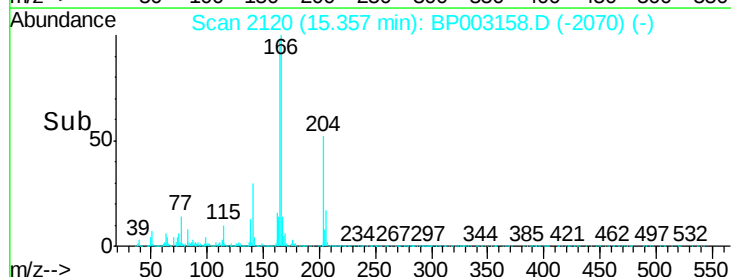
167 13.9 11.0 16.4

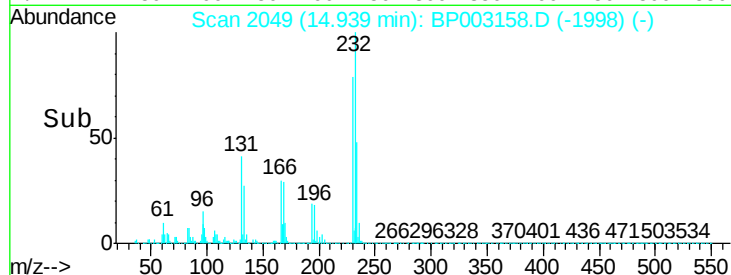
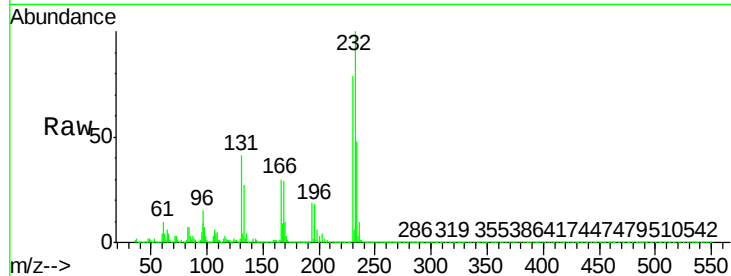
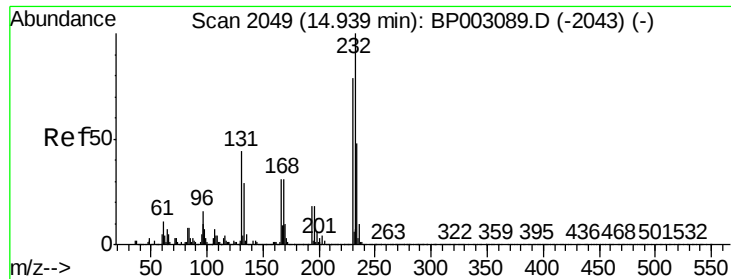


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

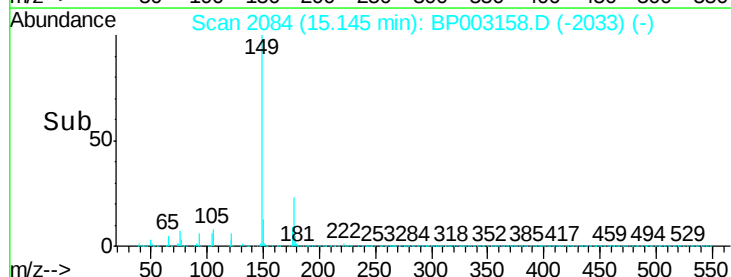
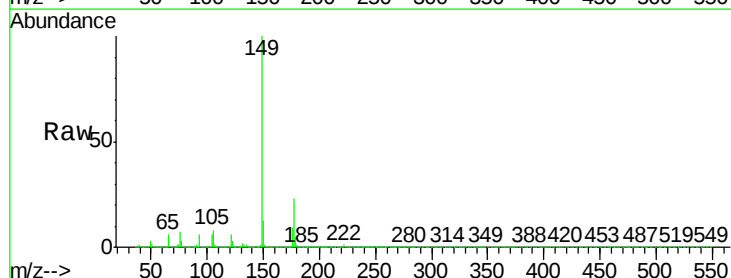
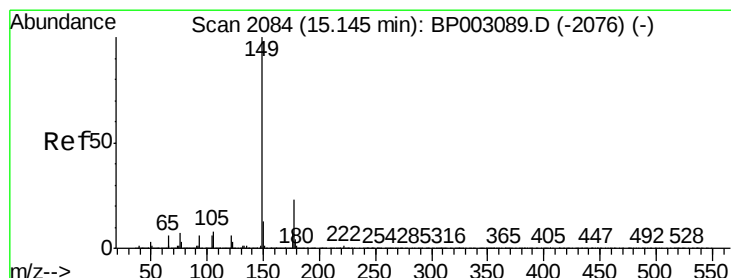
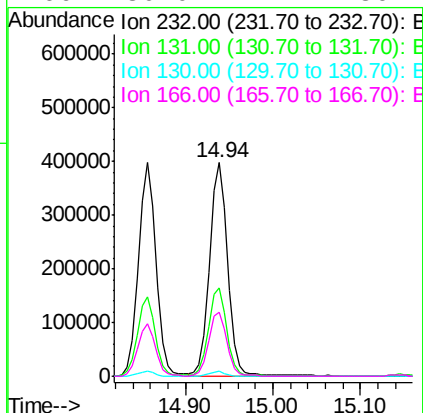




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.907 ng
RT: 14.94 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

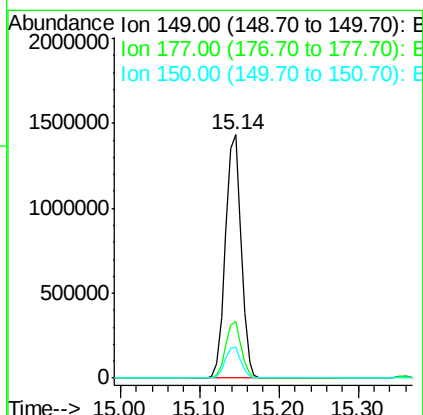
Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01MSD

Tot Ion:	232	Resp:	571007
Ion	Ratio	Lower	Upper
232	100		
131	41.4	34.3	51.5
130	2.1	1.8	2.6
166	30.0	24.2	36.2



#60
Diethylphthalate
Concen: 42.020 ng
RT: 15.14 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

Tgt Ion:	149	Resp:	1967985
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.1	27.1
150	12.6	10.2	15.4

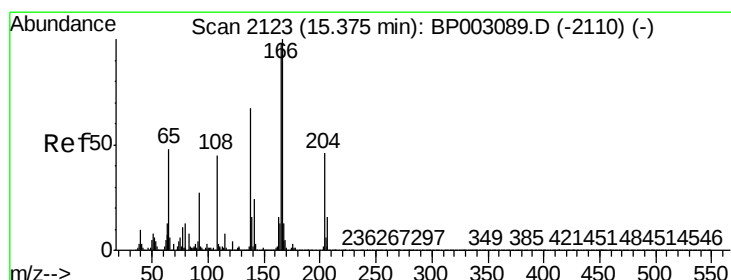
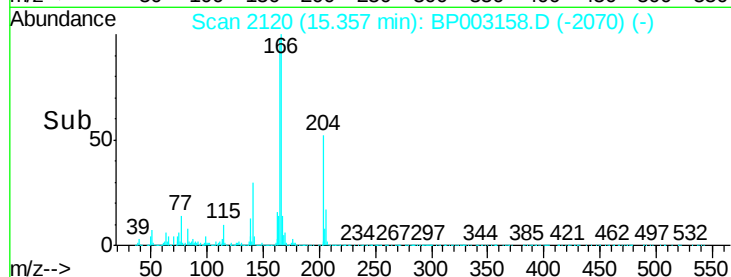
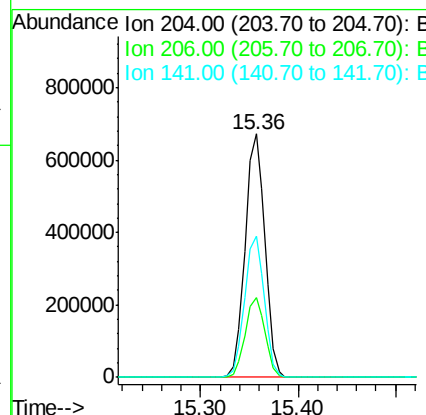
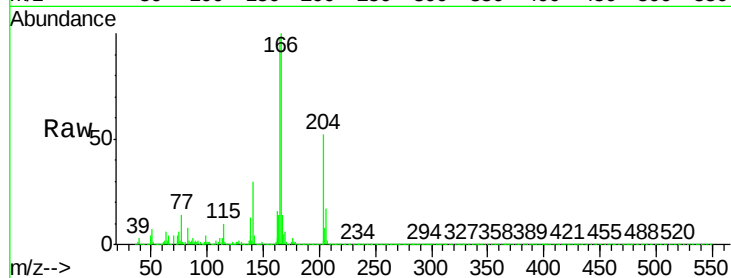




#61
4-Chlorophenyl-phenylether
Concen: 42.102 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

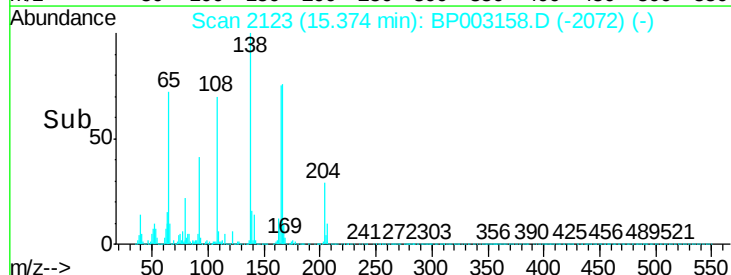
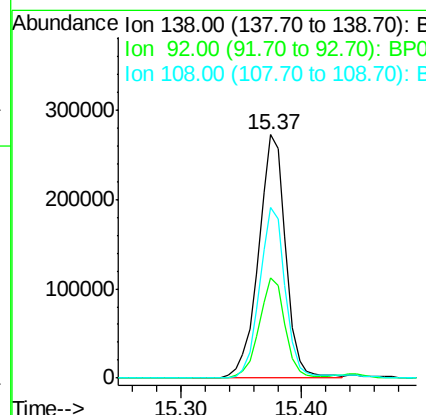
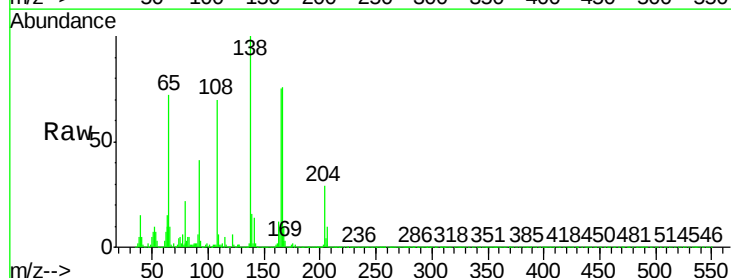
Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01MSD

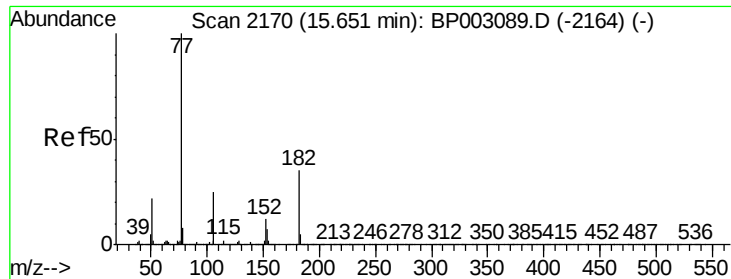
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	58.0	45.5	68.3



#62
4-Nitroaniline
Concen: 36.972 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	41.1	21.1	61.1
108	70.3	46.6	86.6





#63

Azobenzene

Concen: 43.198 ng

RT: 15.65 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

Instrument :

BNA_P

ClientSampleId :

789UMR-TP11-0006-01MSD

Tot Ion: 77 Resp: 1342760

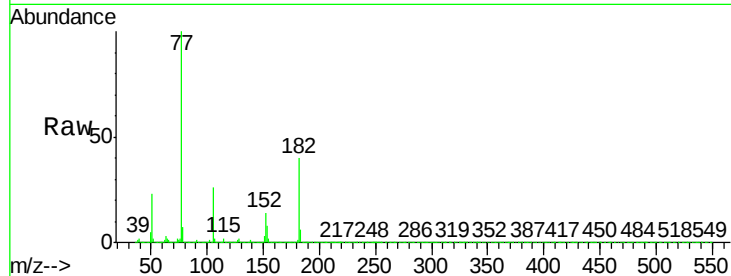
Ion	Ratio	Lower	Upper
77	100		
182	39.9	15.4	55.4
105	25.8	5.1	45.1
51	22.7	1.9	41.9

77 100

182 39.9 15.4 55.4

105 25.8 5.1 45.1

51 22.7 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

1500000

1000000

500000

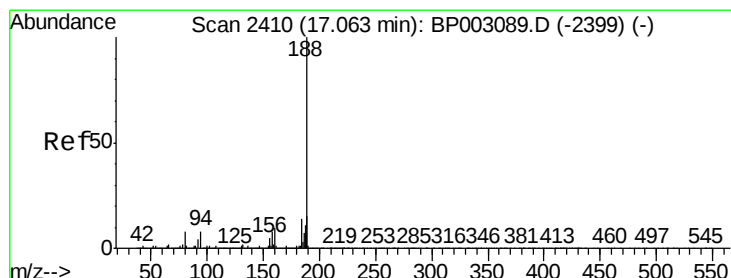
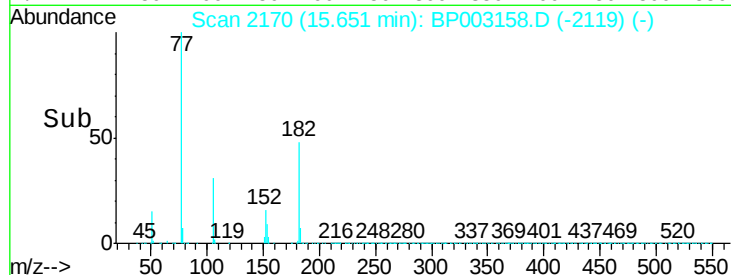
0

15.65

15.60

15.70

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

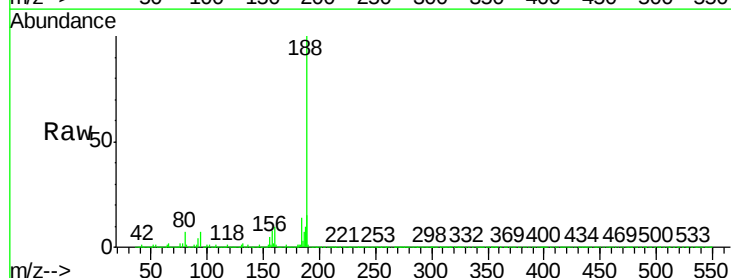
Tgt Ion: 188 Resp: 1354363

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.2	9.4
80	7.3	6.4	9.6

188 100

94 7.2 6.2 9.4

80 7.3 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

1200000

1000000

800000

600000

400000

200000

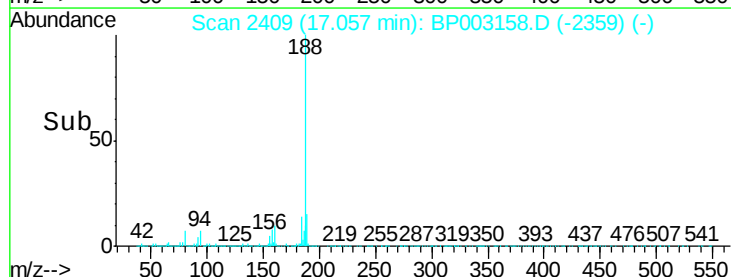
0

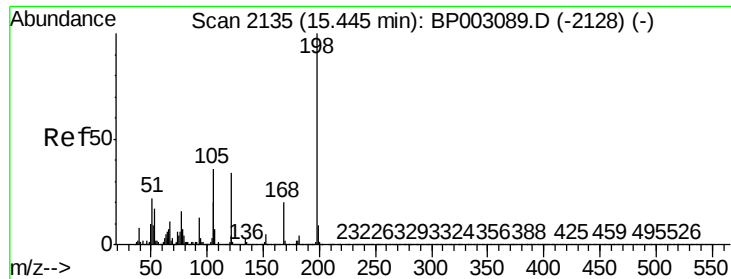
17.06

17.00

17.10

Time-->

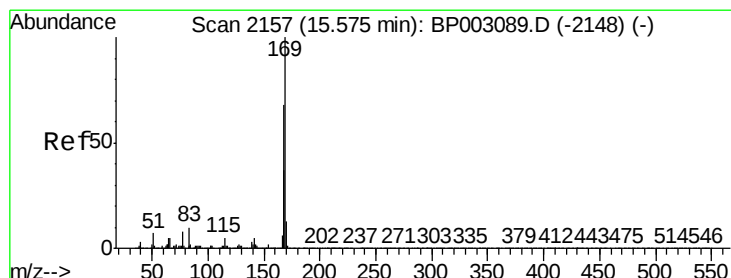
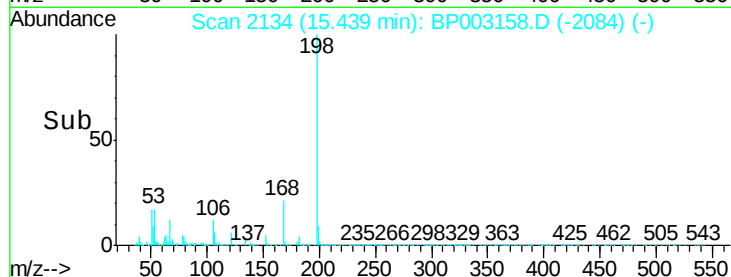
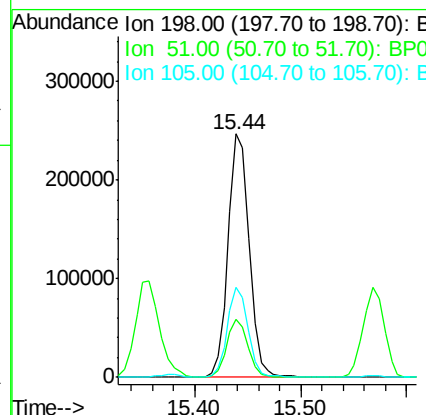
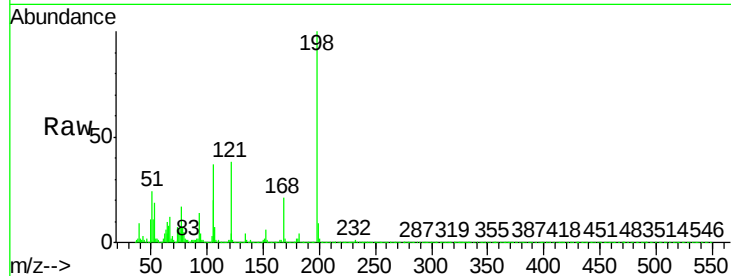




#65
4,6-Dinitro-2-methylphenol
Concen: 52.940 ng
RT: 15.44 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

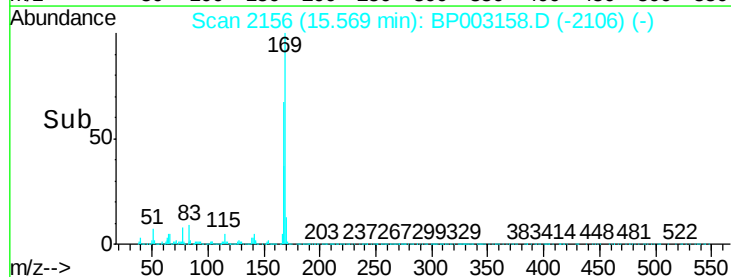
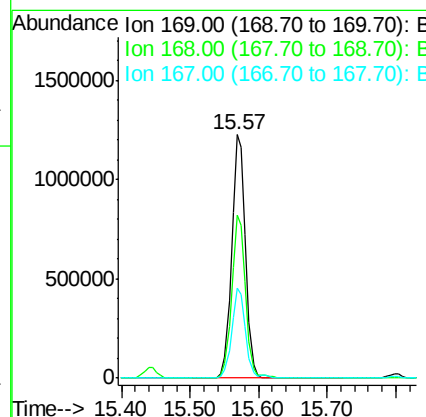
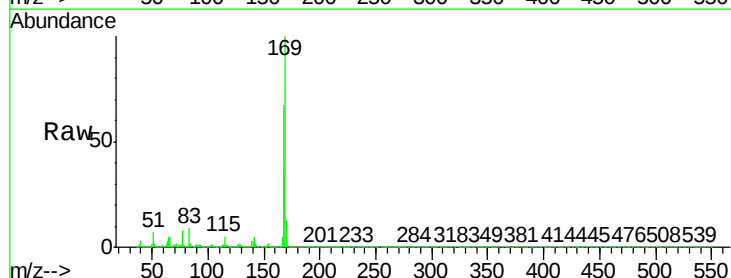
Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01MSD

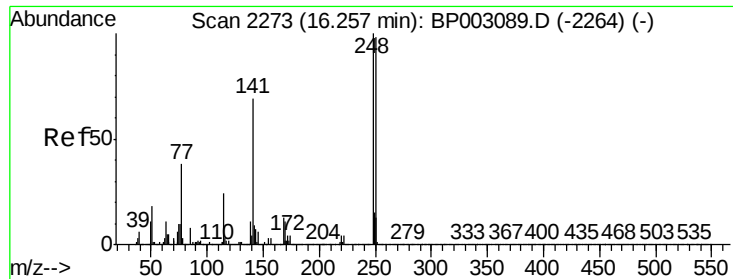
Tot Ion	Ratio	Lower	Upper
198	100		
51	24.1	2.4	42.4
105	36.8	16.1	56.1



#66
n-Nitrosodiphenylamine
Concen: 43.210 ng
RT: 15.57 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	54.2	81.4
167	36.8	29.4	44.2

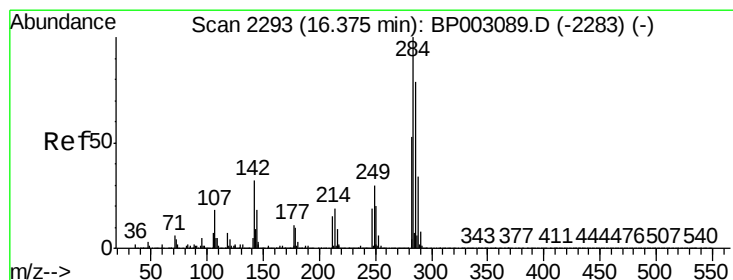
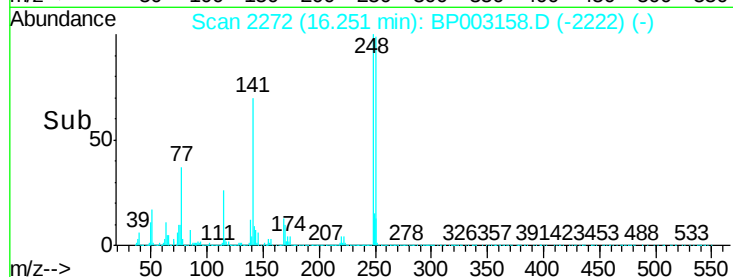
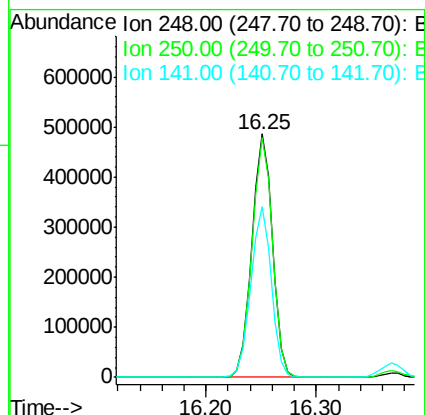
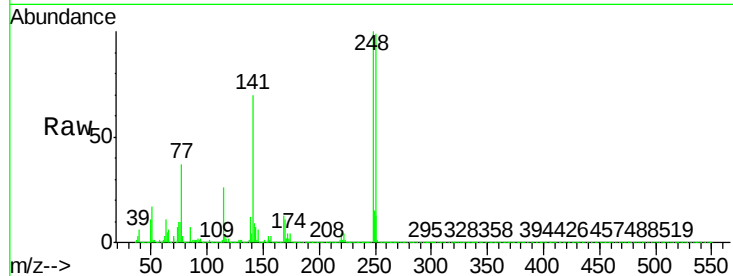




#67
4-Bromophenyl-phenylether
Concen: 42.692 ng
RT: 16.25 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

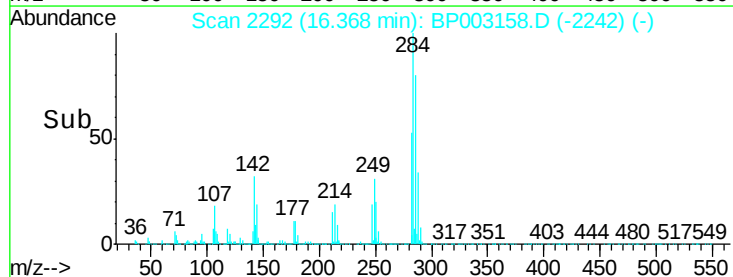
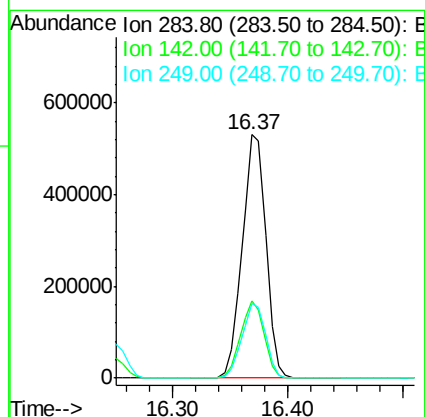
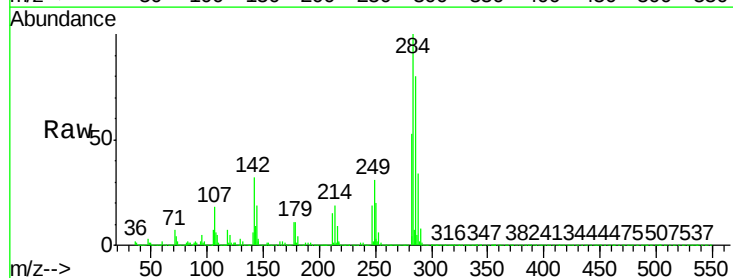
Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01MSD

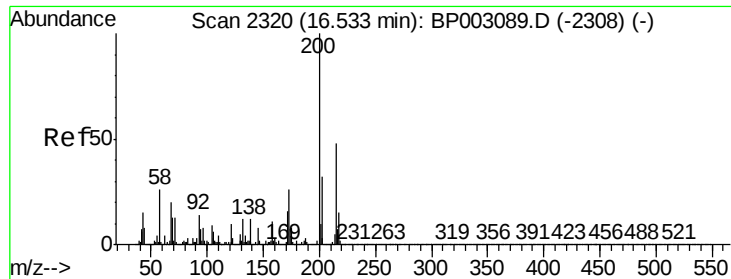
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	78.3	117.5
141	70.3	54.9	82.3



#68
Hexachlorobenzene
Concen: 42.413 ng
RT: 16.37 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.9	25.8	38.6
249	30.7	24.3	36.5





#69

Atrazine

Concen: 41.501 ng

RT: 16.53 min Scan# 2320

Delta R.T. -0.00 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

Instrument :

BNA_P

ClientSampleId :

789UMR-TP11-0006-01MSD

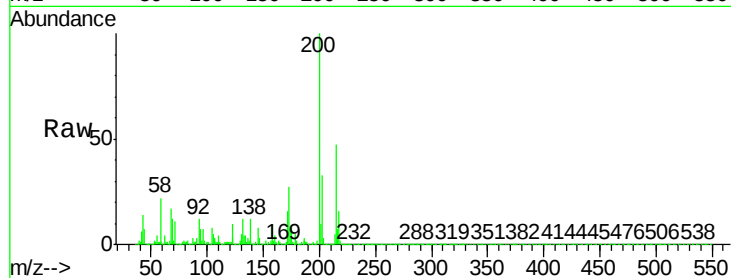
Tot Ion:200 Resp: 554324

Ion Ratio Lower Upper

200 100

173 26.7 6.3 46.3

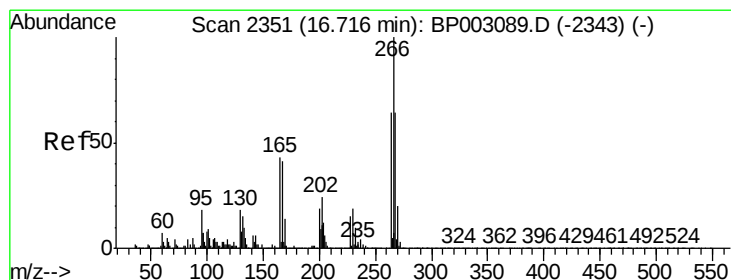
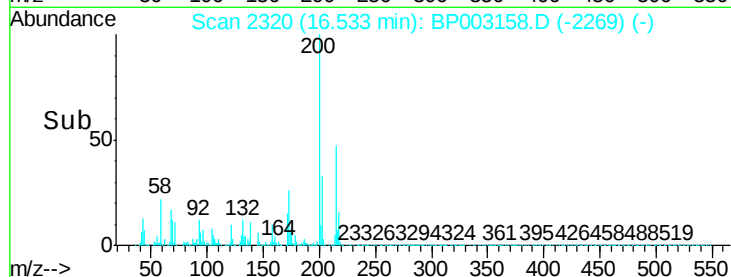
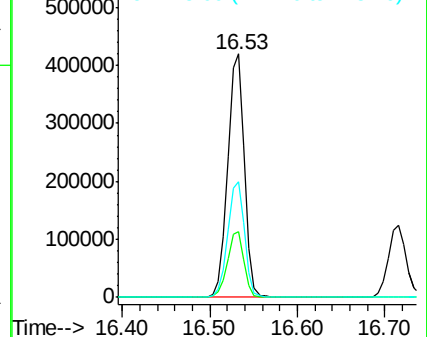
215 47.5 27.9 67.9



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: 116.549 ng

RT: 16.72 min Scan# 2351

Delta R.T. -0.00 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

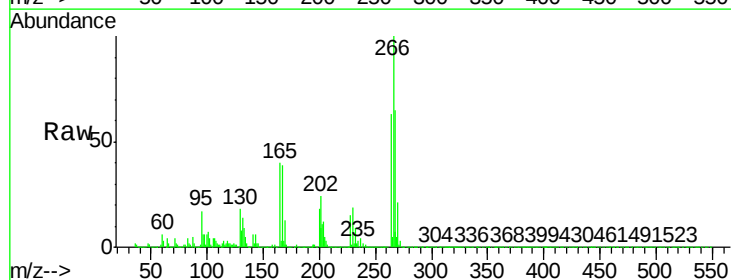
Tgt Ion:266 Resp: 991825

Ion Ratio Lower Upper

266 100

268 64.7 51.3 76.9

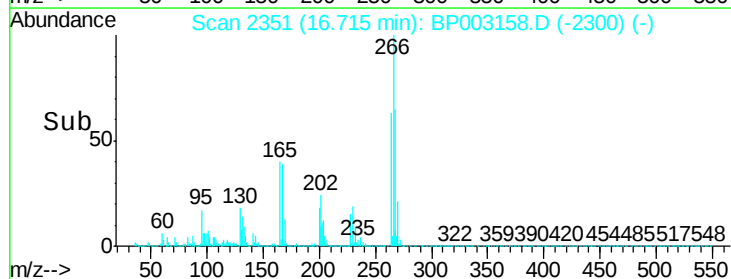
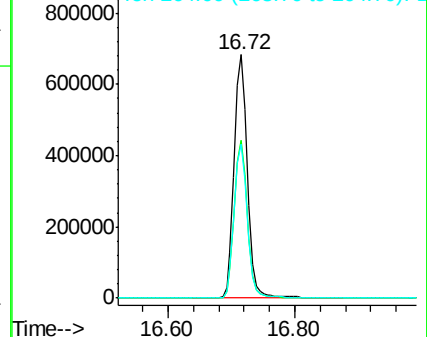
264 63.4 51.0 76.6

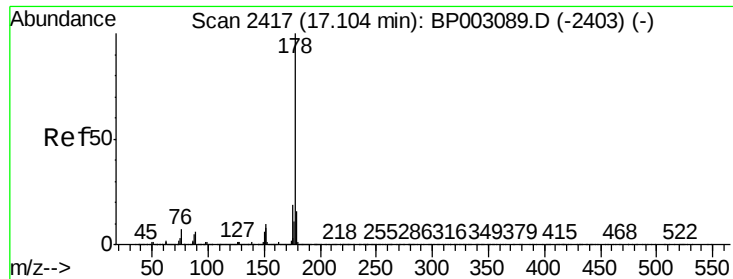


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

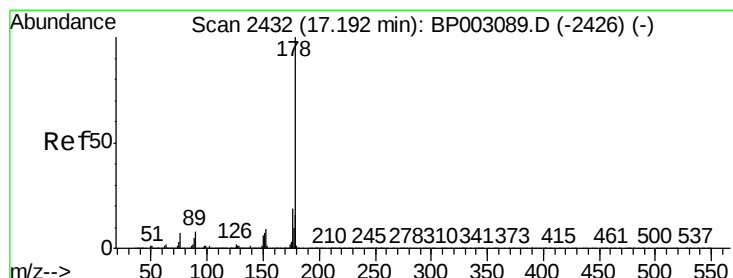
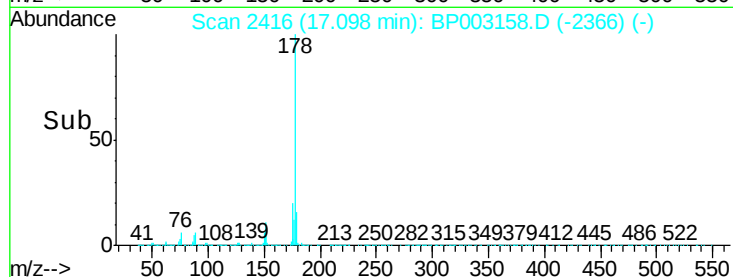
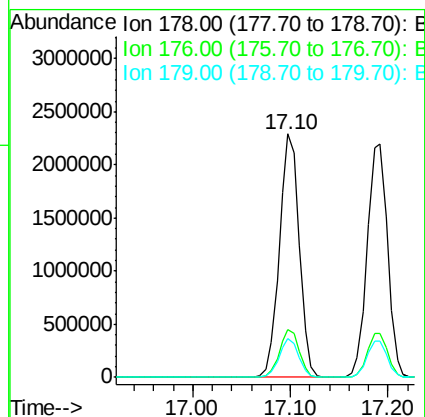
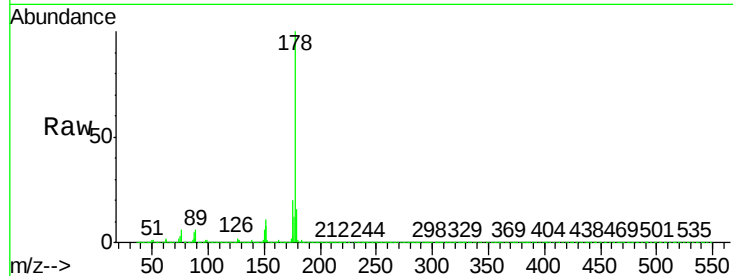




#71
Phenanthrene
Concen: 44.701 ng
RT: 17.10 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

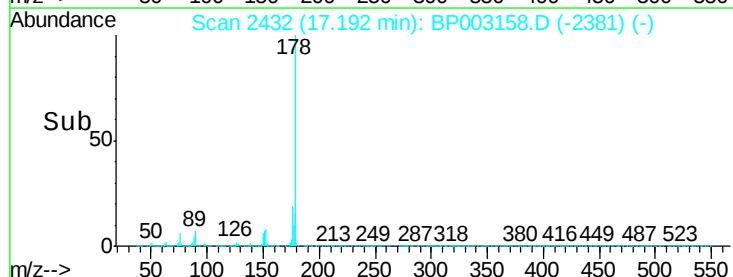
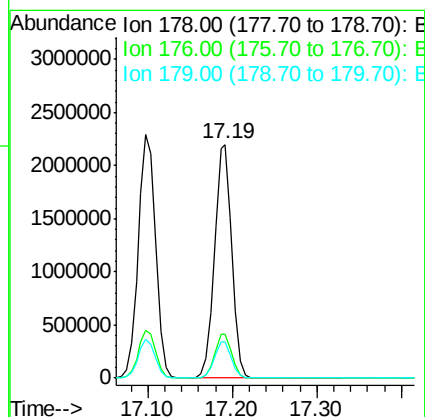
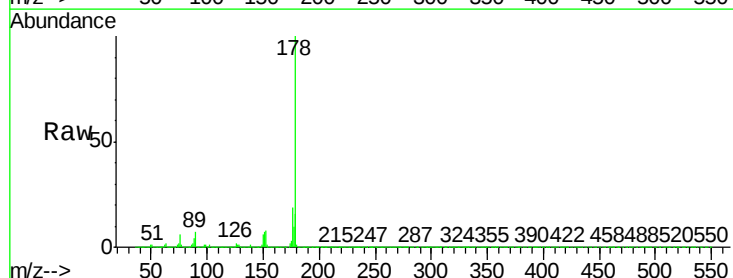
Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01MSD

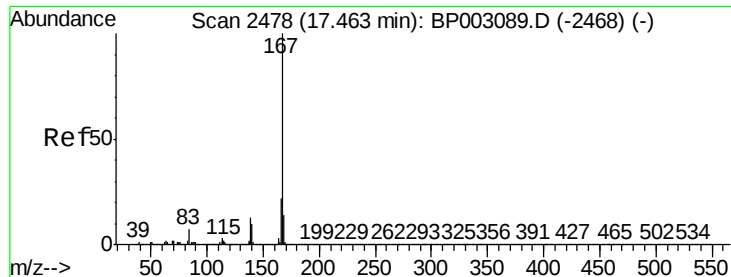
Tot Ion:178 Resp: 3280475
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.7 12.4 18.6



#72
Anthracene
Concen: 45.319 ng
RT: 17.19 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

Tgt Ion:178 Resp: 3183061
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.7 12.6 19.0





#73

Carbazole

Concen: 44.033 ng

RT: 17.46 min Scan# 2478

Delta R.T. -0.00 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

Instrument :

BNA_P

ClientSampleId :

789UMR-TP11-0006-01MSD

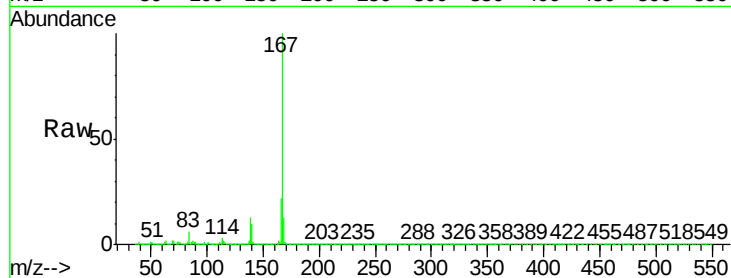
Tot Ion:167 Resp: 2968149

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

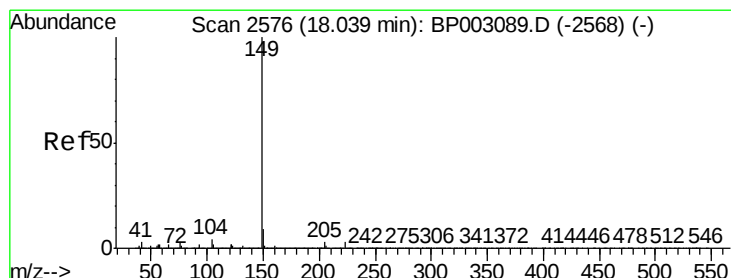
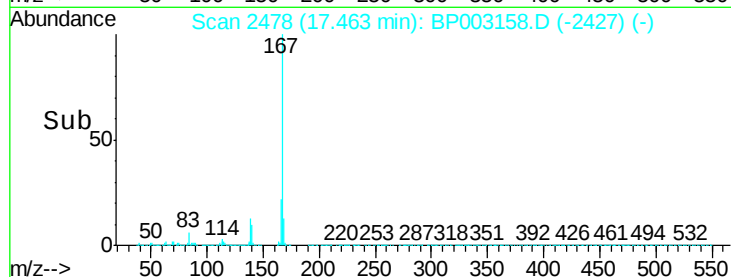
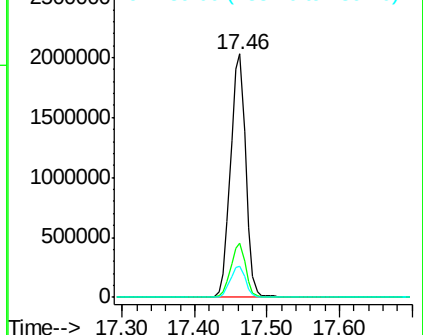
139 12.8 10.3 15.5



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: 43.943 ng

RT: 18.03 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

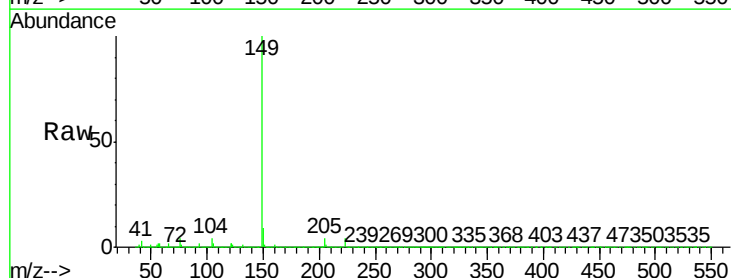
Tgt Ion:149 Resp: 3482049

Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

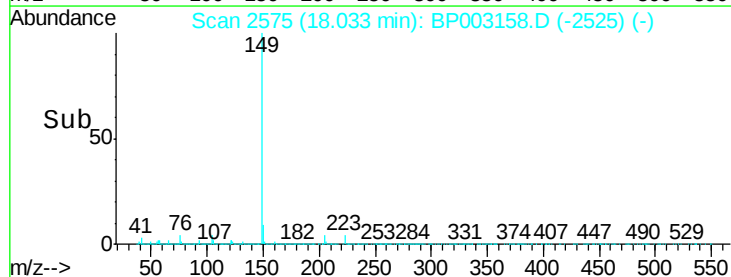
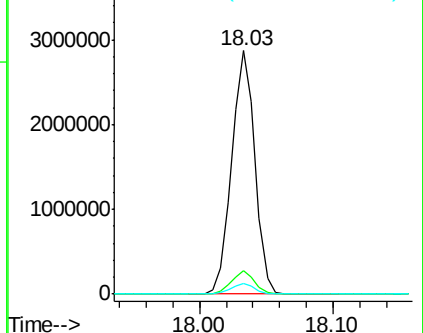
104 4.4 3.3 4.9

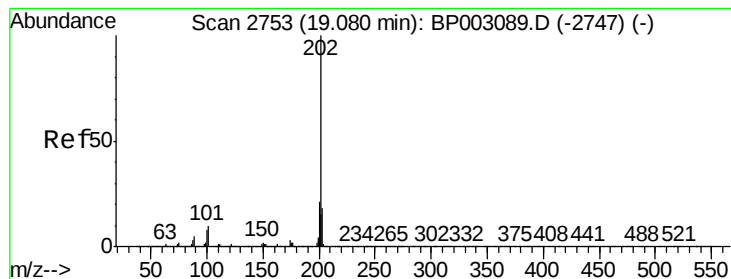


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 50.402 ng

RT: 19.07 min Scan# 2752

Delta R.T. -0.01 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

Instrument :

BNA_P

ClientSampleId :

789UMR-TP11-0006-01MSD

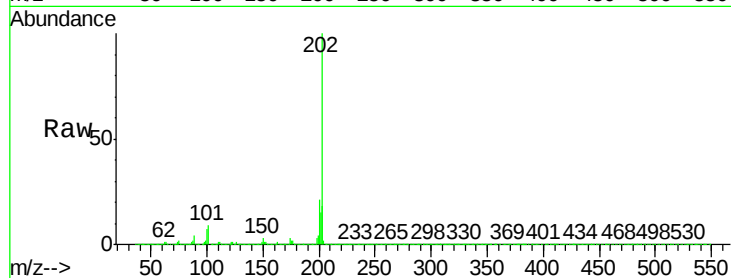
Tot Ion:202 Resp: 4275077

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.0
203	18.5	0.0	37.7

202 100

101 9.4 0.0 30.0

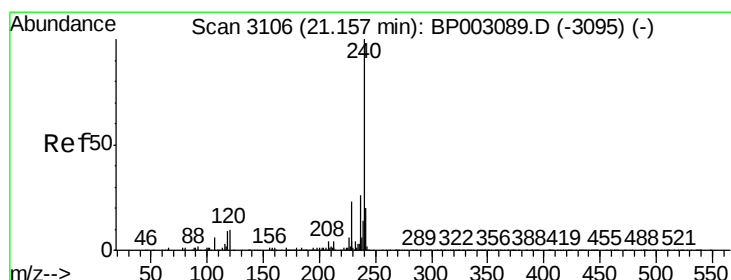
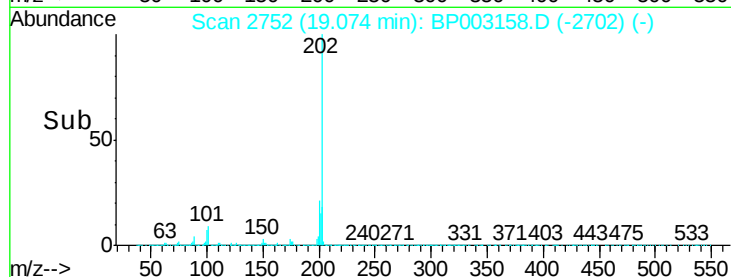
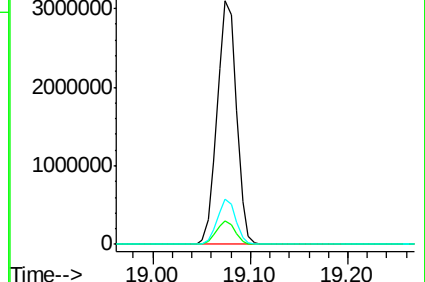
203 18.5 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

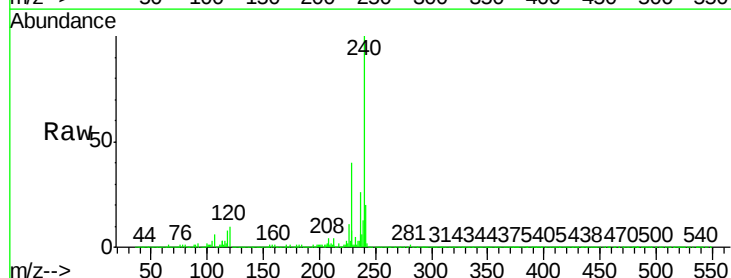
Tgt Ion:240 Resp: 1261485

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.4	12.6
236	26.3	20.6	31.0

240 100

120 9.6 8.4 12.6

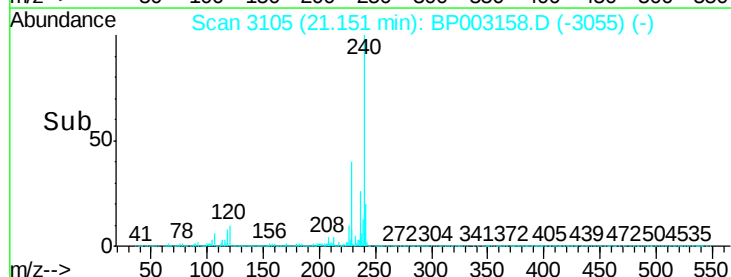
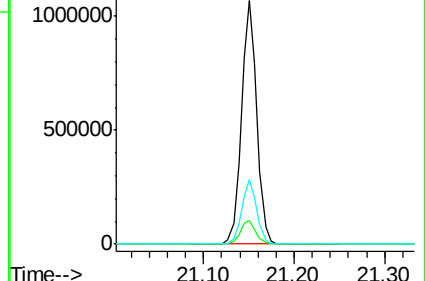
236 26.3 20.6 31.0

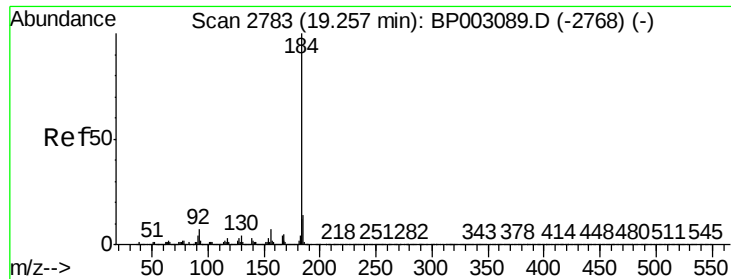


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

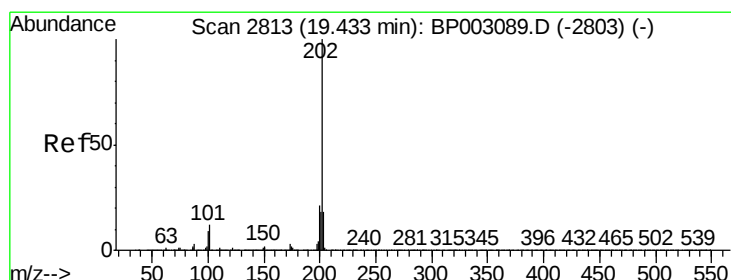
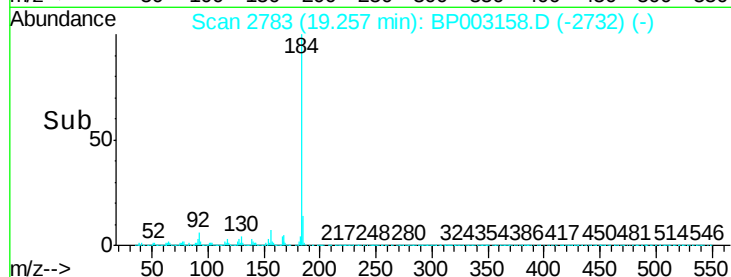
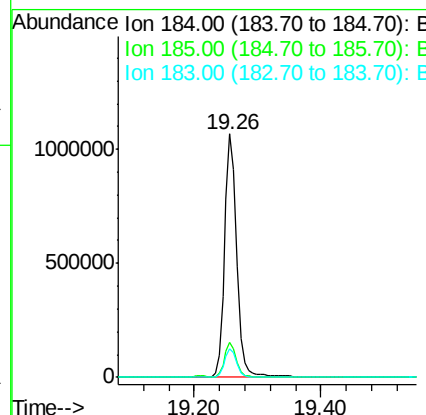
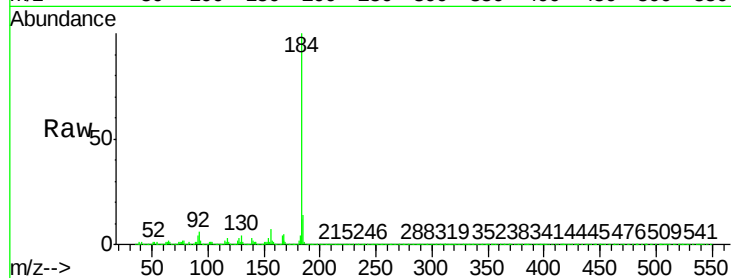




#77
Benzidine
Concen: 50.365 ng
RT: 19.26 min Scan# 2783
Delta R.T. -0.00 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

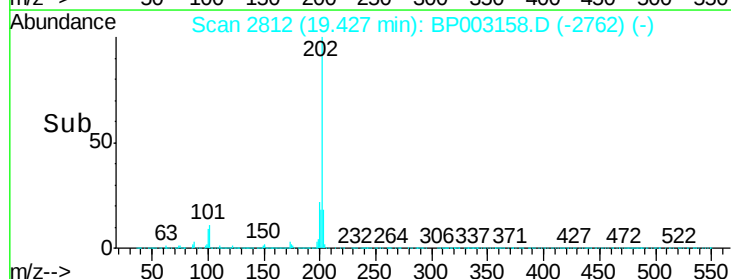
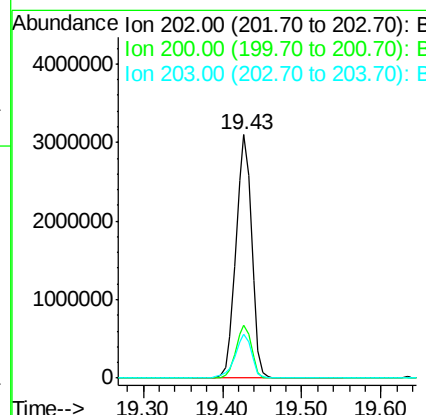
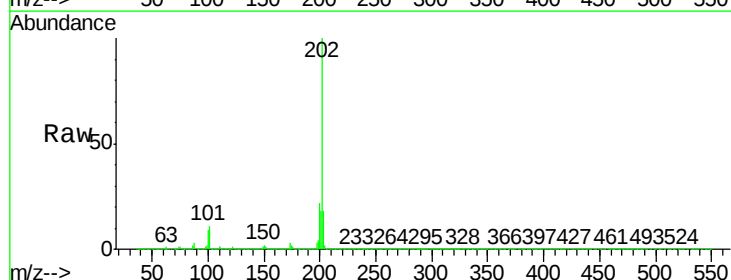
Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01MSD

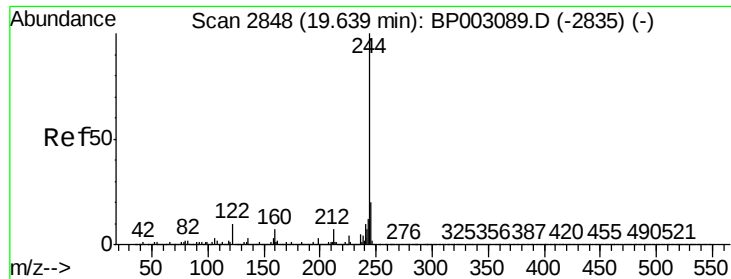
Tot Ion:184 Resp: 1452095
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 11.9 9.4 14.2



#78
Pyrene
Concen: 51.860 ng
RT: 19.43 min Scan# 2812
Delta R.T. -0.01 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

Tgt Ion:202 Resp: 4245993
Ion Ratio Lower Upper
202 100
200 22.0 17.0 25.4
203 18.1 14.0 21.0





#79

Terphenyl-d14

Concen: 80.080 ng

RT: 19.63 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

Instrument :

BNA_P

ClientSampleId :

789UMR-TP11-0006-01MSD

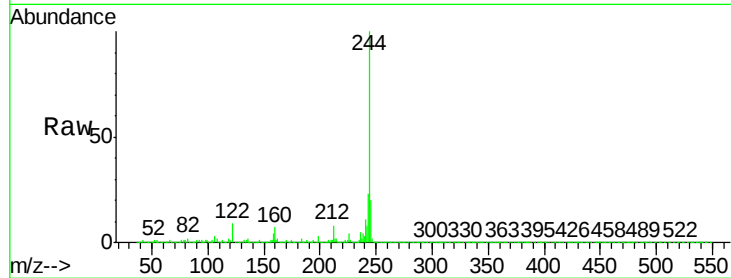
Tot Ion:244 Resp: 4590891

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

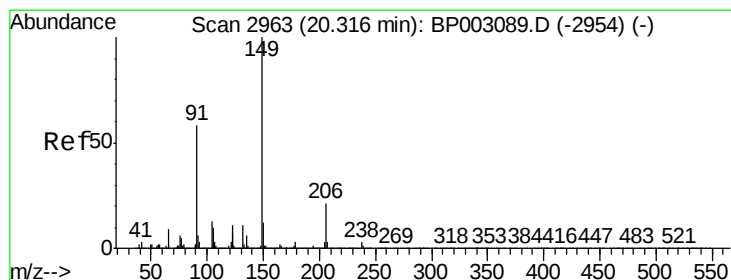
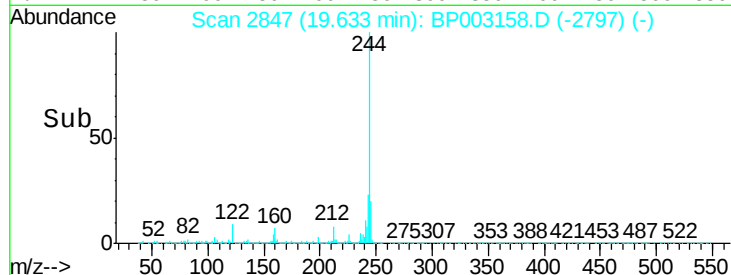
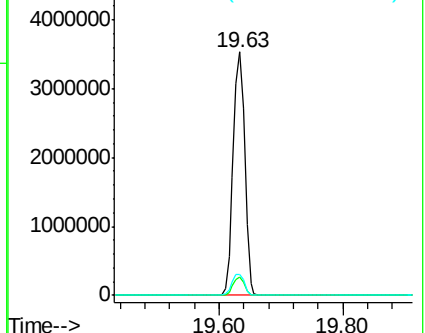
122 8.8 7.7 11.5



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: 50.058 ng

RT: 20.31 min Scan# 2962

Delta R.T. -0.01 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

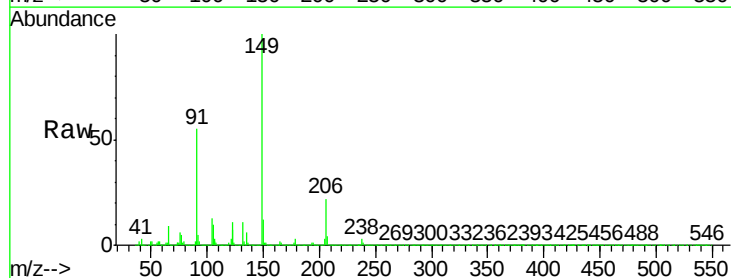
Tgt Ion:149 Resp: 1687471

Ion Ratio Lower Upper

149 100

91 55.1 46.8 70.2

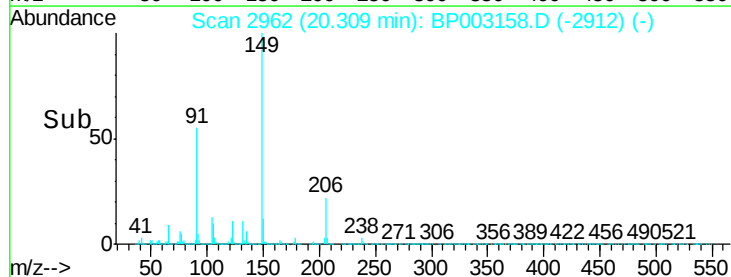
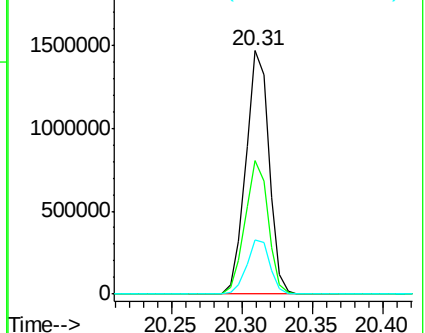
206 22.1 16.8 25.2

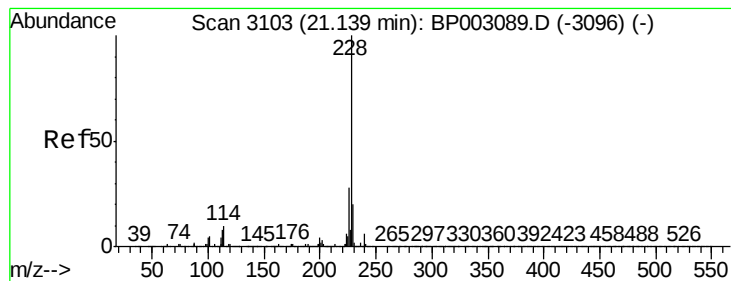


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.450 ng

RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

Instrument :

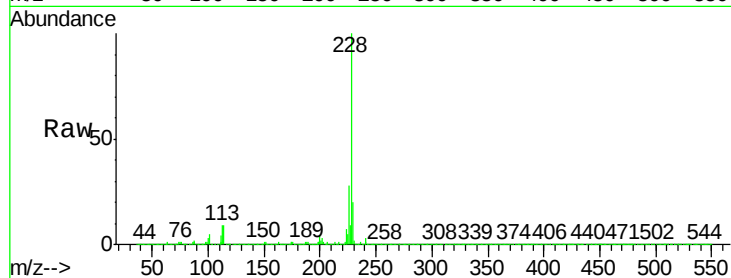
BNA_P

ClientSampleId :

789UMR-TP11-0006-01MSD

Tot Ion:228 Resp: 3749380

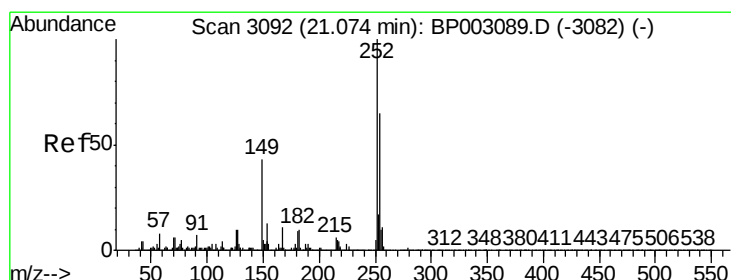
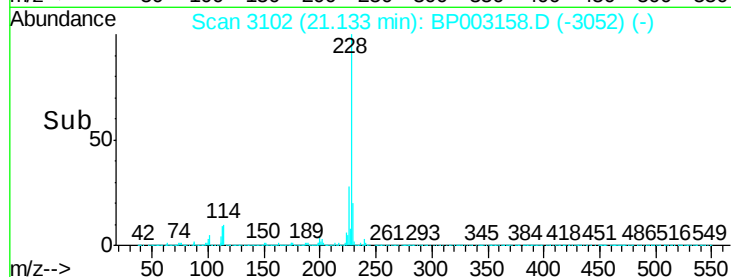
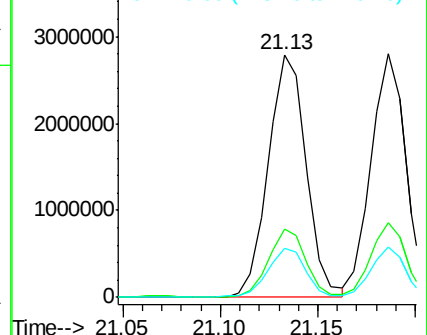
Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.0	33.0
229	20.4	16.2	24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.218 ng

RT: 21.07 min Scan# 3091

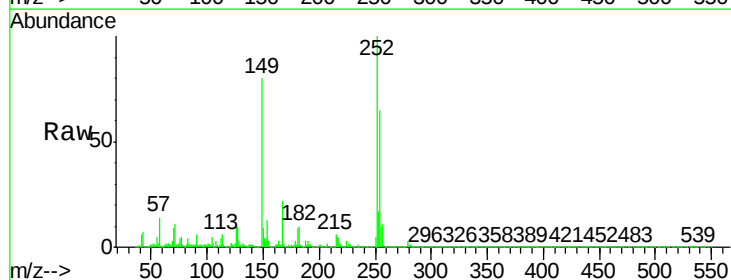
Delta R.T. -0.01 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

Tgt Ion:252 Resp: 1168960

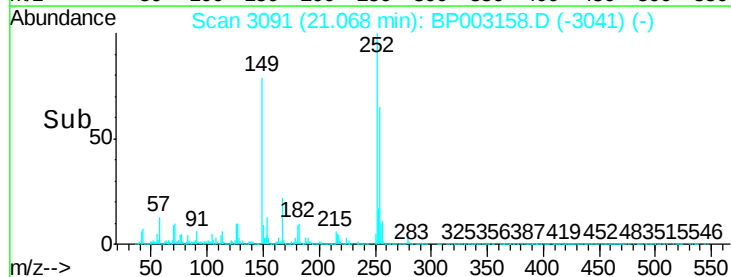
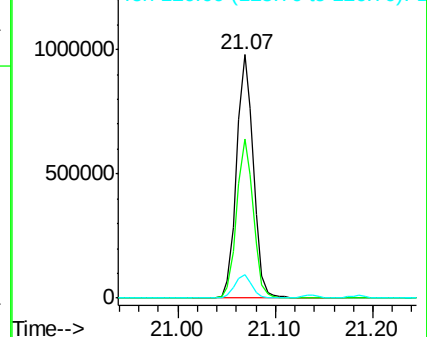
Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.9	77.9
126	9.8	8.4	12.6

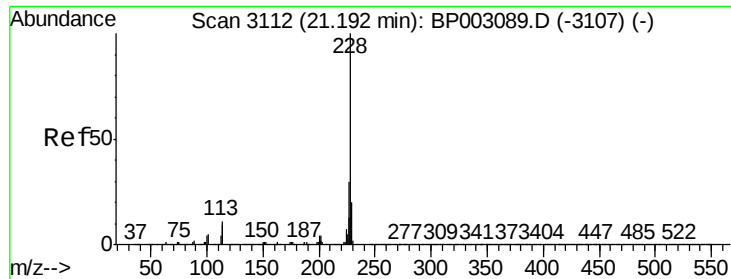


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



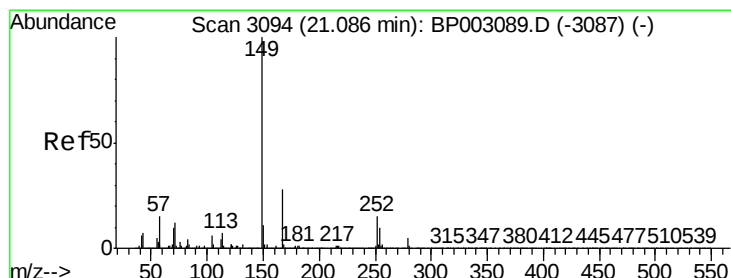
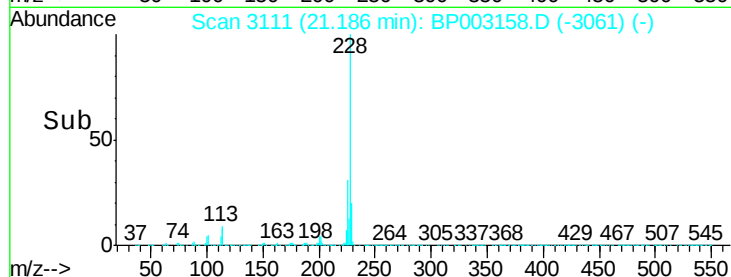
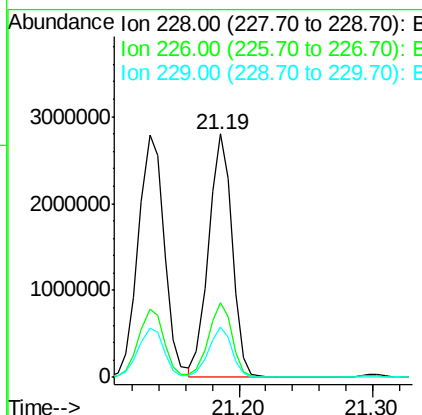
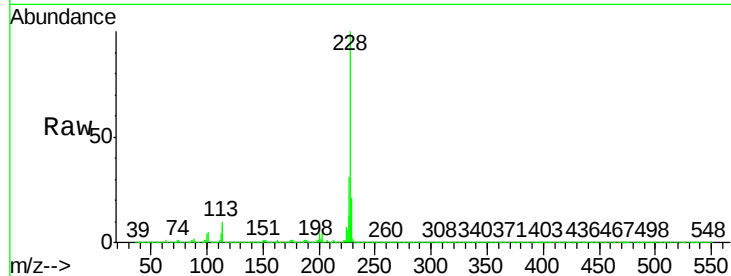


#83
 Chrysene
 Concen: 45.678 ng
 RT: 21.19 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BP003158.D
 Acq: 28 Aug 2020 19:24

Instrument :
 BNA_P
 ClientSampleId :
 789UMR-TP11-0006-01MSD

Tot Ion:228 Resp: 3455866

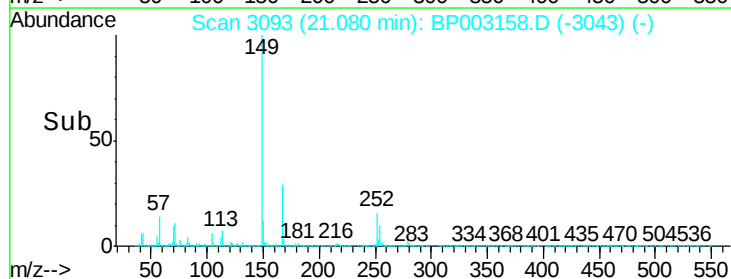
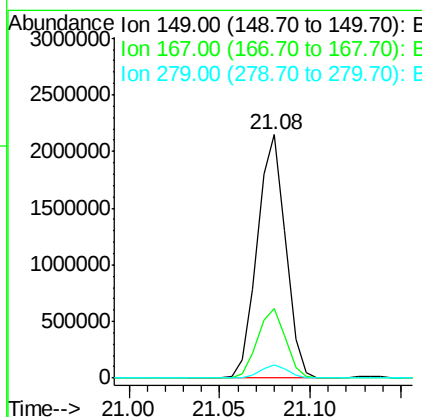
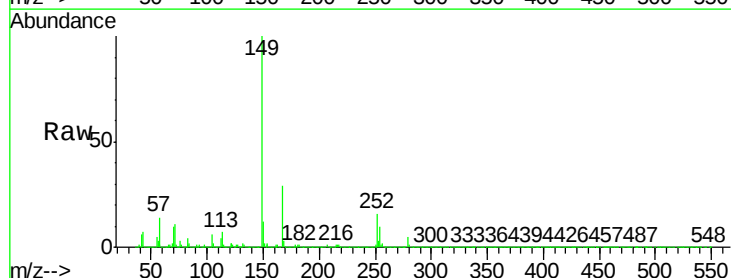
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.4
229	20.5	16.0	24.0

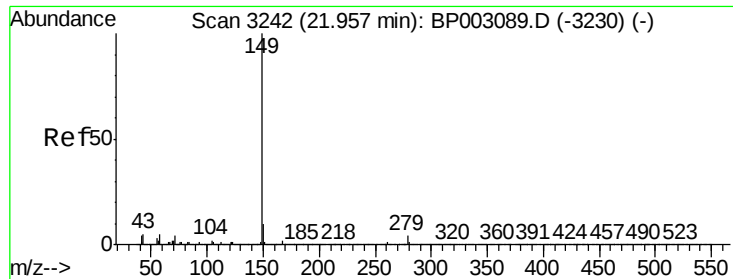


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.887 ng
 RT: 21.08 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BP003158.D
 Acq: 28 Aug 2020 19:24

Tgt Ion:149 Resp: 2331283

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.5	33.7
279	5.4	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 47.555 ng

RT: 21.95 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

Instrument :

BNA_P

ClientSampleId :

789UMR-TP11-0006-01MSD

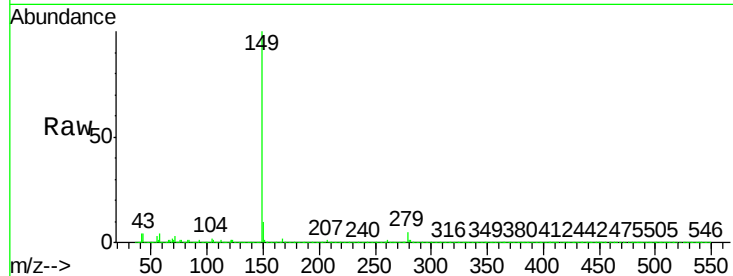
Tot Ion:149 Resp: 3969273

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

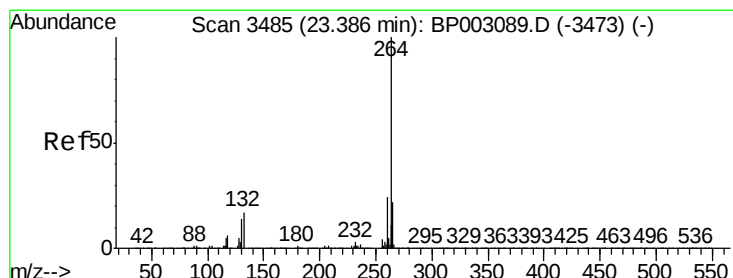
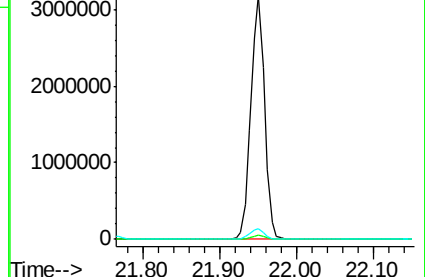
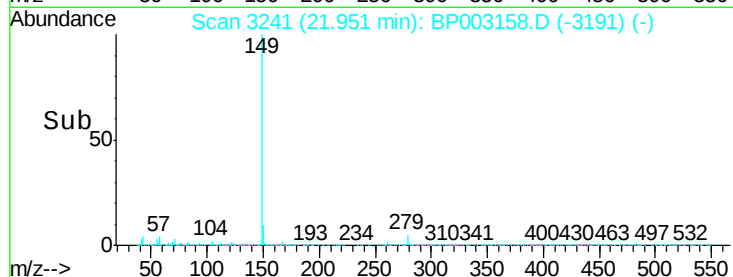
43 4.4 3.8 5.6



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): BPO



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.38 min Scan# 3484

Delta R.T. -0.01 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

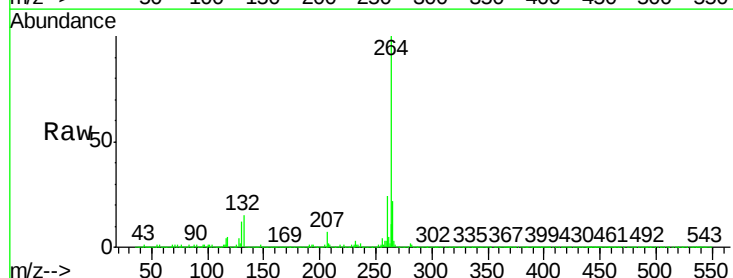
Tgt Ion:264 Resp: 1231457

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

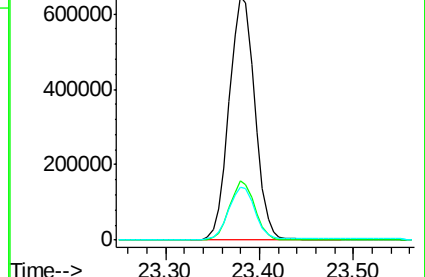
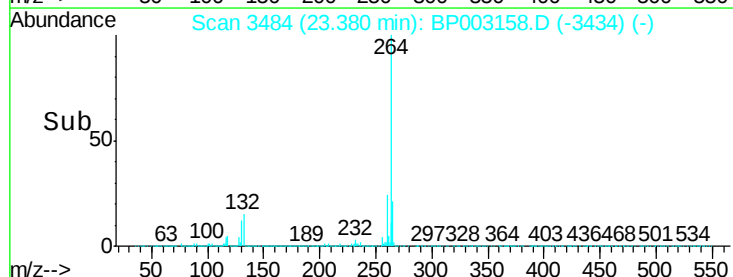
265 21.6 17.7 26.5



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



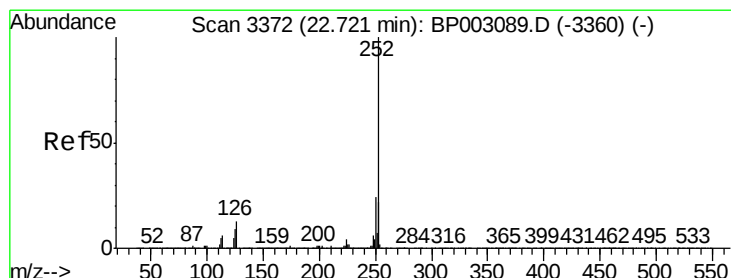
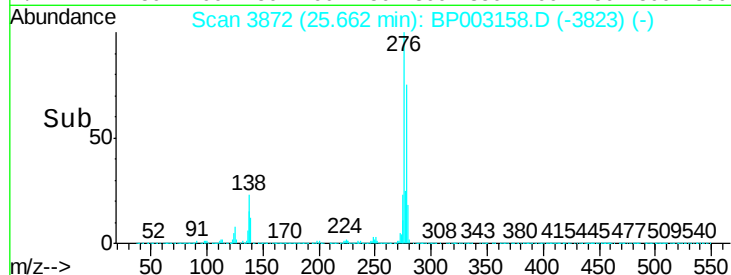
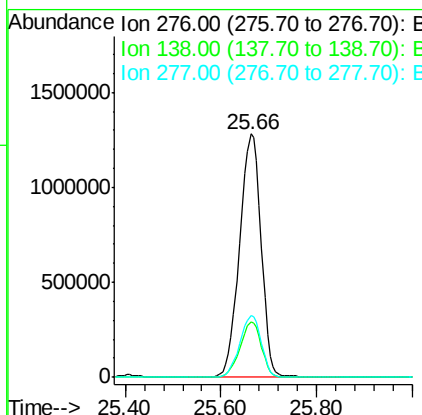
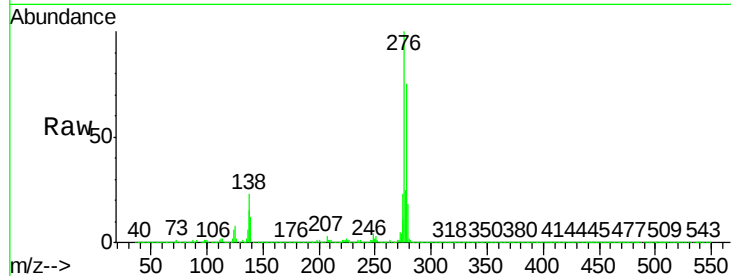


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.552 ng
 RT: 25.66 min Scan# 3872
 Delta R.T. -0.01 min
 Lab File: BP003158.D
 Acq: 28 Aug 2020 19:24

Instrument :
 BNA_P
 ClientSampleId :
 789UMR-TP11-0006-01MSD

Tot Ion:276 Resp: 3999589

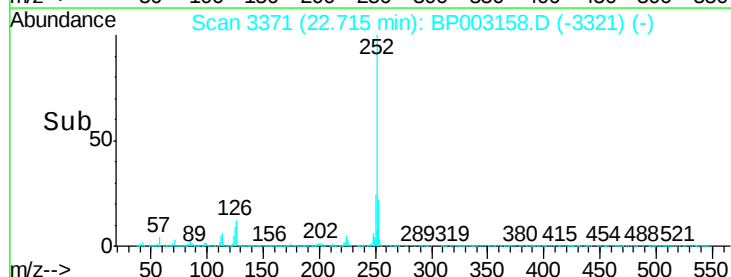
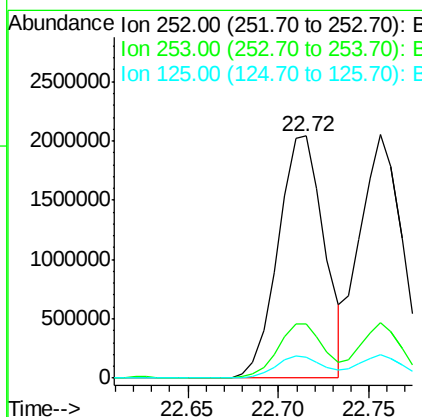
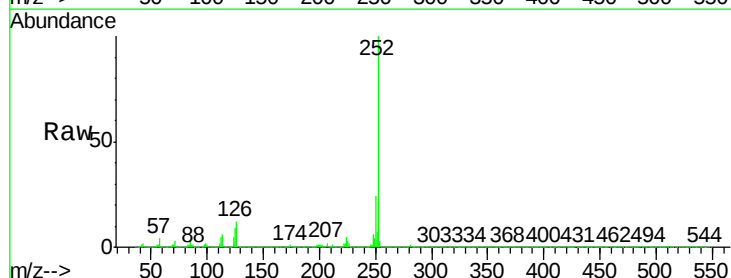
Ion	Ratio	Lower	Upper
276	100		
138	22.5	20.2	30.4
277	25.1	20.4	30.6

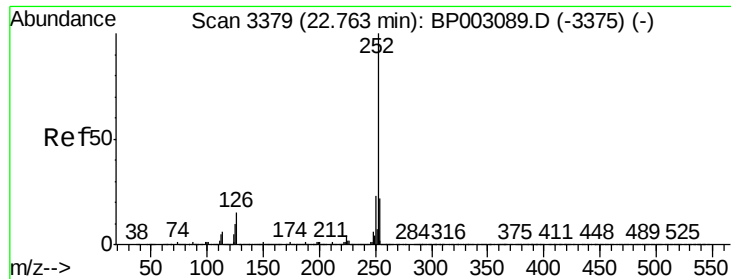


#88
 Benzo(b)fluoranthene
 Concen: 47.300 ng
 RT: 22.72 min Scan# 3371
 Delta R.T. -0.01 min
 Lab File: BP003158.D
 Acq: 28 Aug 2020 19:24

Tgt Ion:252 Resp: 3620299

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	8.9	7.6	11.4

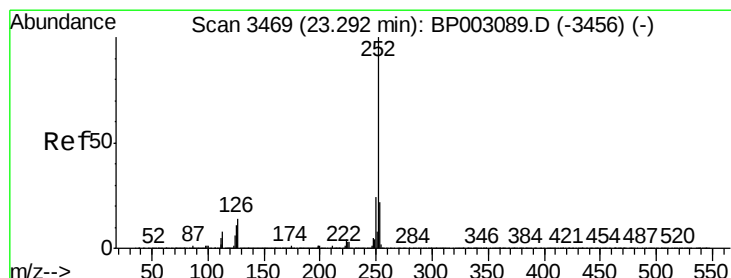
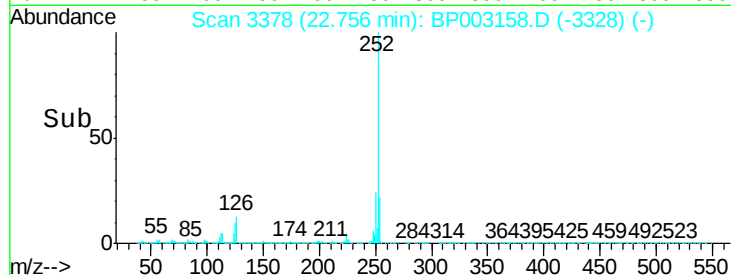
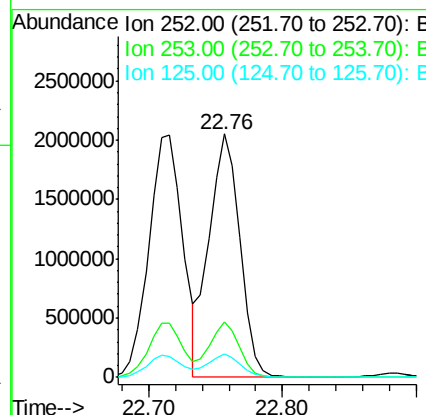
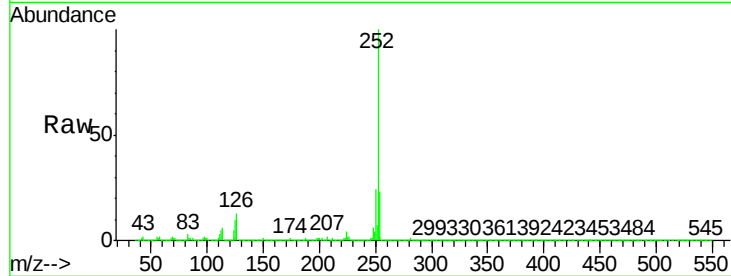




#89
Benzo(k)fluoranthene
Concen: 45.193 ng
RT: 22.76 min Scan# 3378
Delta R.T. -0.01 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

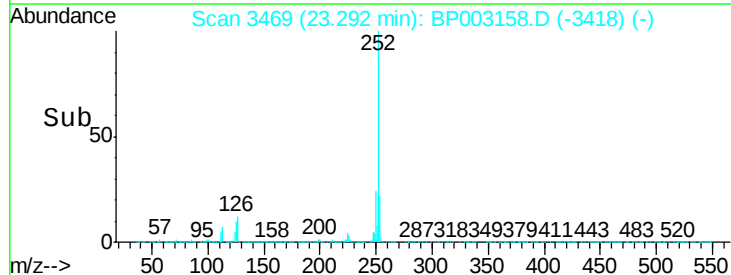
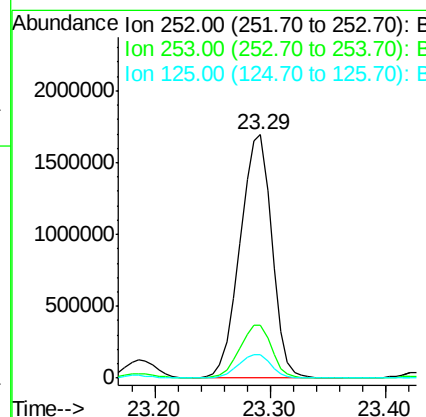
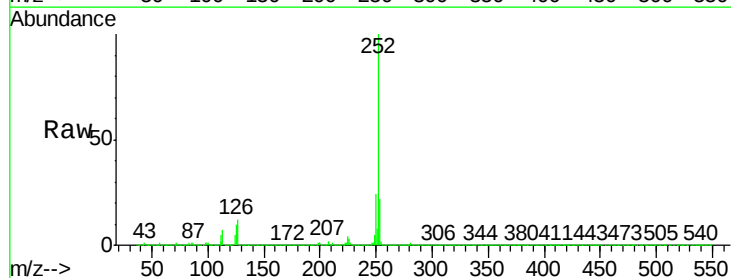
Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01MSD

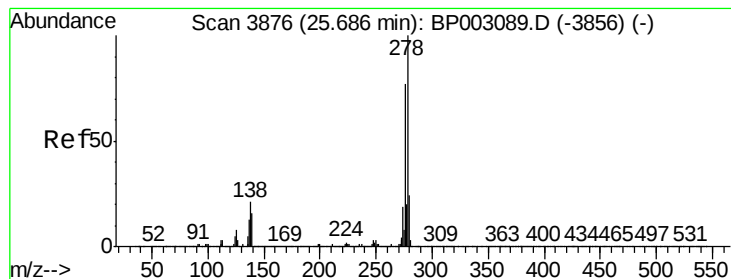
Tot Ion:252 Resp: 3304923
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 9.8 8.0 12.0



#90
Benzo(a)pyrene
Concen: 45.446 ng
RT: 23.29 min Scan# 3469
Delta R.T. -0.00 min
Lab File: BP003158.D
Acq: 28 Aug 2020 19:24

Tgt Ion:252 Resp: 3226972
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 9.7 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 41.774 ng

RT: 25.67 min Scan# 3874

Delta R.T. -0.01 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

Instrument :

BNA_P

ClientSampleId :

789UMR-TP11-0006-01MSD

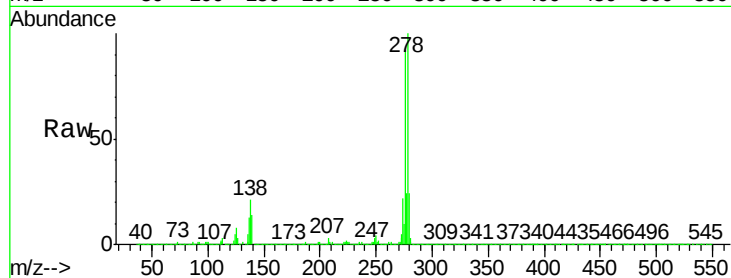
Tot Ion:278 Resp: 3151494

Ion	Ratio	Lower	Upper
278	100		
139	14.2	12.8	19.2
279	23.9	19.0	28.6

278 100

139 14.2 12.8 19.2

279 23.9 19.0 28.6

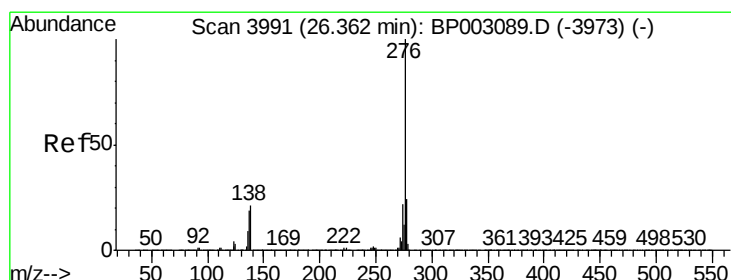
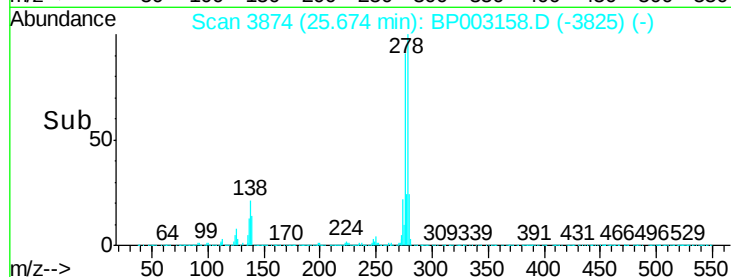
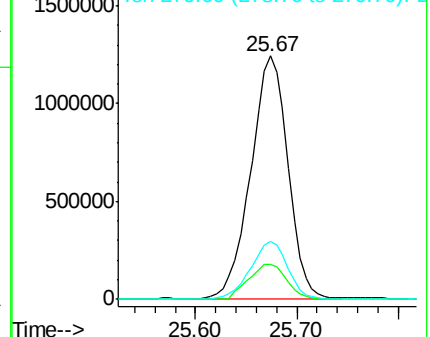


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.061 ng

RT: 26.36 min Scan# 3990

Delta R.T. -0.01 min

Lab File: BP003158.D

Acq: 28 Aug 2020 19:24

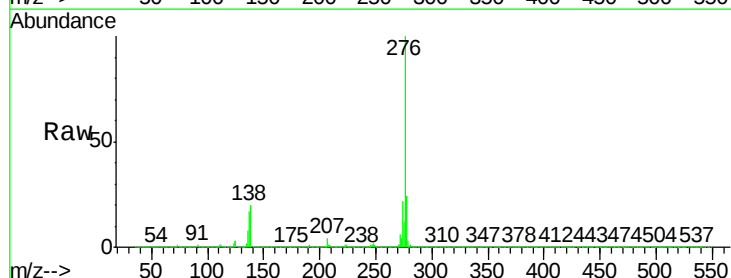
Tgt Ion:276 Resp: 3487226

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.2
138	19.8	17.0	25.6

276 100

277 24.0 19.4 29.2

138 19.8 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

